

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
 Data File : BF112416.D
 Acq On : 6 Feb 2019 13:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 13:59:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174133	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	671760	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	340202	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	661628	20.00	ng	0.00
76) Chrysene-d12	14.01	240	514656	20.00	ng	0.00
87) Perylene-d12	15.47	264	405493	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	757118	92.35	ng	-0.01
7) Phenol-d6	6.49	99	917745	80.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	885086	75.92	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	312020	78.80	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1760119	73.17	ng	-0.01
79) Terphenyl-d14	12.94	244	2027673	74.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	156772	48.004	ng	95
3) Pyridine	3.34	79	401311	48.308	ng	98
4) n-Nitrosodimethylamine	3.30	42	165174	47.325	ng	97
6) Aniline	6.50	93	550329	40.611	ng	# 63
8) 2-Chlorophenol	6.63	128	436028	39.536	ng	96
9) Benzaldehyde	6.39	77	234289	39.349	ng	99
10) Phenol	6.50	94	500905	40.079	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	388157	39.449	ng	98
12) 1,3-Dichlorobenzene	6.77	146	496918	38.689	ng	98
13) 1,4-Dichlorobenzene	6.85	146	501446	37.935	ng	98
14) 1,2-Dichlorobenzene	7.01	146	472752	38.199	ng	98
15) Benzyl Alcohol	6.99	79	360162	37.506	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	484839	38.377	ng	58
17) 2-Methylphenol	7.10	107	329969	37.743	ng	# 91
18) Hexachloroethane	7.35	117	178488	38.453	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	298226	37.966	ng	99
20) 3+4-Methylphenols	7.26	107	433351	38.762	ng	# 69
22) Acetophenone	7.25	105	614637	37.575	ng	96
24) Nitrobenzene	7.42	77	437659	37.588	ng	97
25) Isophorone	7.66	82	699937	38.269	ng	99
26) 2-Nitrophenol	7.74	139	247327	39.748	ng	98
27) 2,4-Dimethylphenol	7.78	122	328858	38.360	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	479274	38.485	ng	98
29) 2,4-Dichlorophenol	7.99	162	381228	39.737	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	425462	38.581	ng	99
31) Naphthalene	8.14	128	1184969	37.721	ng	99
32) Benzoic acid	7.93	122	168508	34.458	ng	98
33) 4-Chloroaniline	8.19	127	527792	38.585	ng	99
34) Hexachlorobutadiene	8.26	225	247896	38.307	ng	98
35) Caprolactam	8.57	113	128698	38.026	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	383640	37.774	ng	99
37) 2-Methylnaphthalene	8.83	142	805556	37.458	ng	98
38) 1-Methylnaphthalene	8.93	142	775122	37.604	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	419930	37.594	ng	98

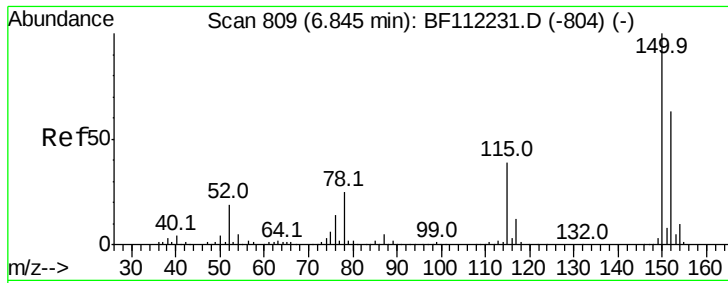
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	137561	38.138	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	262604	38.140	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	273581	38.018	nq	98
46) 1,1'-Biphenyl	9.30	154	1110997	37.355	nq	98
47) 2-Chloronaphthalene	9.32	162	858016	37.202	nq	96
48) 2-Nitroaniline	9.42	65	242451	38.569	nq	90
49) Acenaphthylene	9.74	152	1259283	37.252	nq	98
50) Dimethylphthalate	9.59	163	993608	37.591	nq	99
51) 2,6-Dinitrotoluene	9.66	165	223538	37.761	nq #	87
52) Acenaphthene	9.91	154	749603	37.120	nq	99
53) 3-Nitroaniline	9.83	138	250676	39.087	nq	91
54) 2,4-Dinitrophenol	9.96	184	67721	35.646	nq	93
55) Dibenzofuran	10.08	168	1134109	36.751	nq	94
56) 4-Nitrophenol	10.02	139	118477	34.942	nq	95
57) 2,4-Dinitrotoluene	10.07	165	290348	38.527	nq #	84
58) Fluorene	10.42	166	878701	38.050	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	215877	39.697	nq	95
60) Diethylphthalate	10.29	149	991766	37.809	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	466513	37.137	nq	92
62) 4-Nitroaniline	10.45	138	250174	39.770	nq	95
63) Azobenzene	10.57	77	882707	38.263	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	136696	36.850	nq	97
66) n-Nitrosodiphenylamine	10.53	169	849143	38.080	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	293747	37.748	nq	95
68) Hexachlorobenzene	10.98	284	314624	37.685	nq	98
69) Atrazine	11.06	200	258254	35.893	nq	96
70) Pentachlorophenol	11.18	266	129004	39.711	nq	97
71) Phenanthrene	11.39	178	1279370	37.194	nq	98
72) Anthracene	11.44	178	1307846	38.170	nq	99
73) Carbazole	11.60	167	1297146	38.379	nq	99
74) Di-n-butylphthalate	11.92	149	1542796	36.775	nq	99
75) Fluoranthene	12.57	202	1349994	36.592	nq	99
77) Benzidine	12.69	184	540493	38.157	nq	98
78) Pyrene	12.80	202	1369067	38.423	nq	99
80) Butylbenzylphthalate	13.41	149	639937	37.121	nq	92
81) Benzo(a)anthracene	14.00	228	1158553	38.294	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	432165	38.169	nq	98
83) Chrysene	14.03	228	1081537	37.450	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	882674	36.070	nq	98
85) Di-n-octyl phthalate	14.58	149	1297560	34.464	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	785770	34.338	nq	98
88) Benzo(b)fluoranthene	15.04	252	971092	40.044	nq	99
89) Benzo(k)fluoranthene	15.07	252	865025	37.240	nq	99
90) Benzo(a)pyrene	15.42	252	826655	37.885	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	662127	37.651	nq	98
92) Benzo(g,h,i)perylene	17.40	276	628661	37.891	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

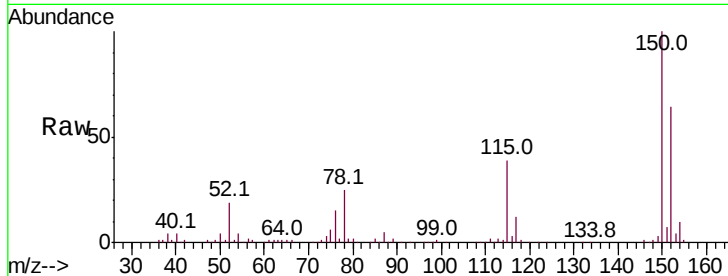


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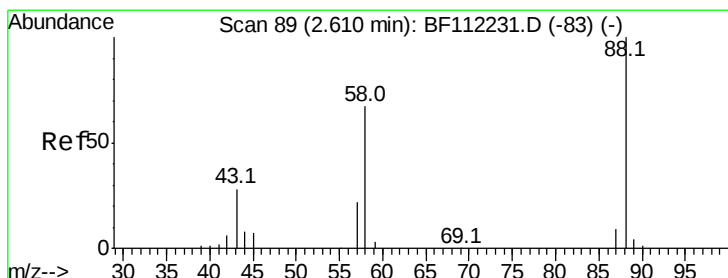
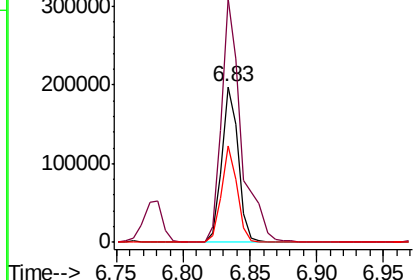
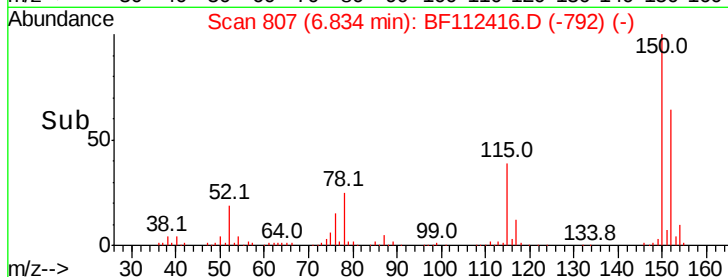
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 174133
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.4 191.0
 115 61.5 45.5 68.3



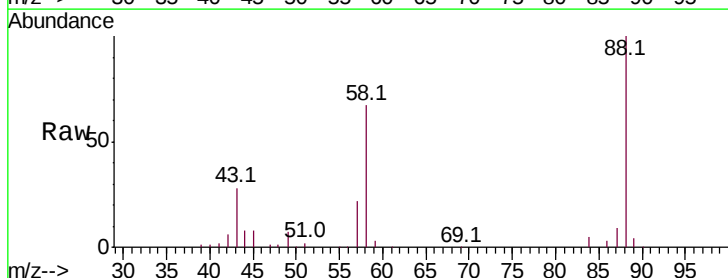
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



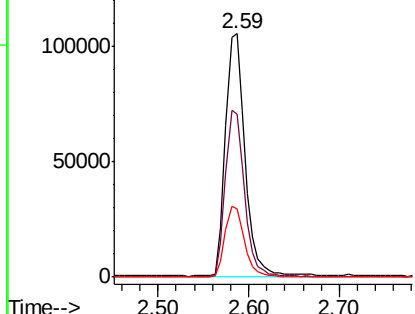
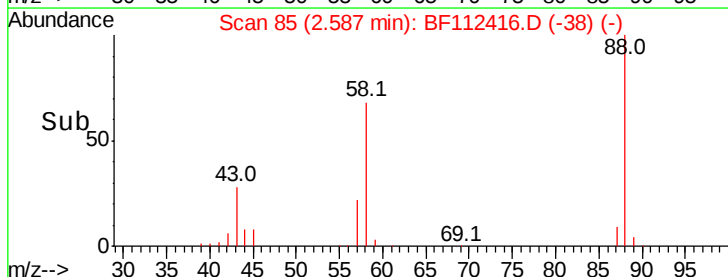
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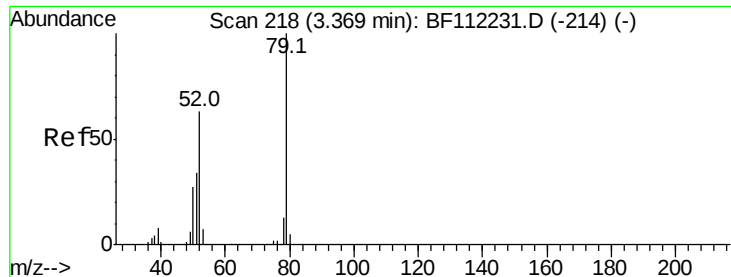
1,4-Dioxane
 Concen: 48.004 ng
 RT: 2.59 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion: 88 Resp: 156772
 Ion Ratio Lower Upper
 88 100
 58 67.4 57.4 86.2
 43 29.1 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 48.308 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.03 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

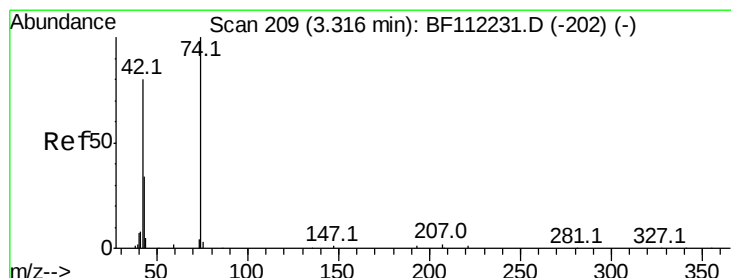
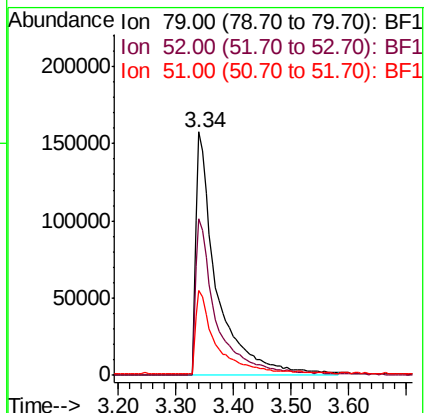
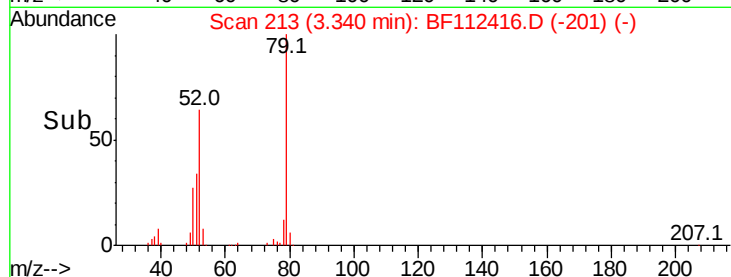
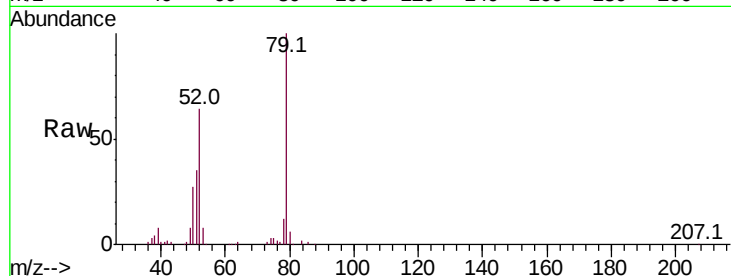
Tot Ion: 79 Resp: 401311

Ion Ratio Lower Upper

79 100

52 64.4 52.4 78.6

51 34.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 47.325 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

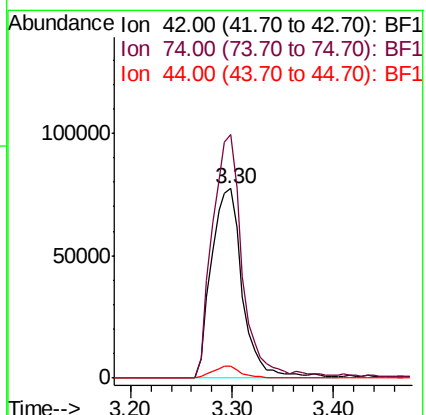
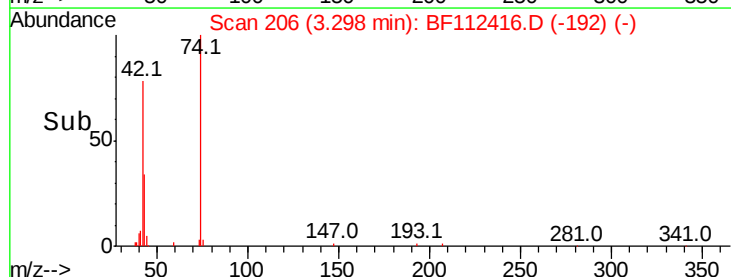
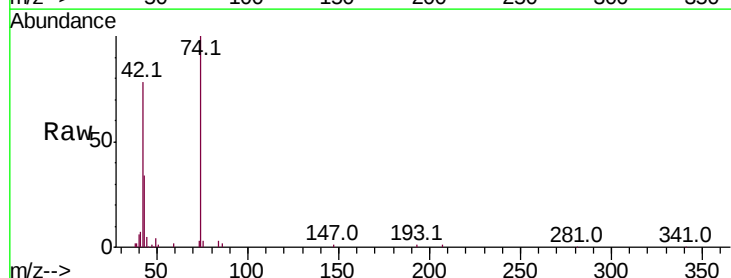
Tgt Ion: 42 Resp: 165174

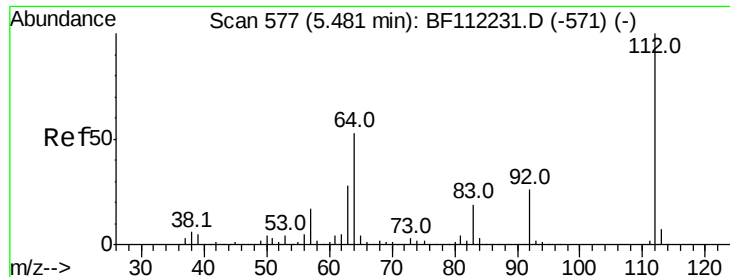
Ion Ratio Lower Upper

42 100

74 128.5 105.6 158.4

44 6.1 5.4 8.2





#5

2-Fluorophenol

Concen: 92.353 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

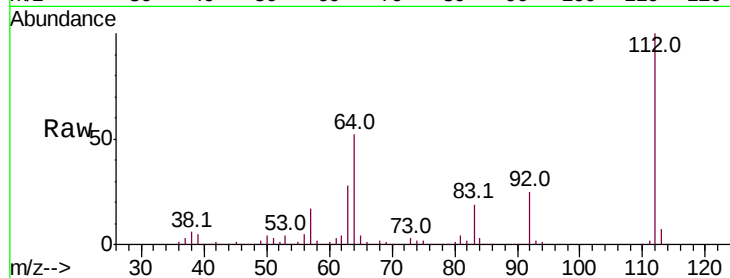
Tot Ion:112 Resp: 757118

Ion Ratio Lower Upper

112 100

64 52.2 45.7 68.5

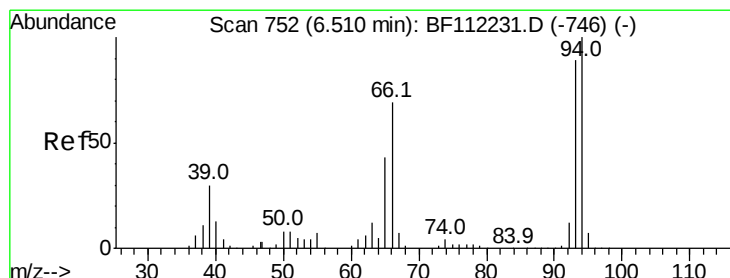
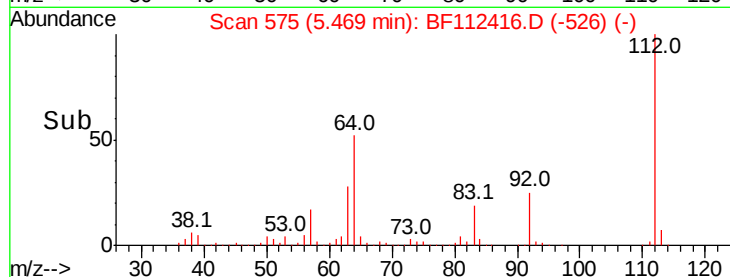
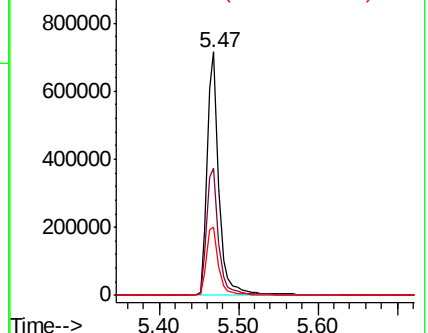
63 27.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.611 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

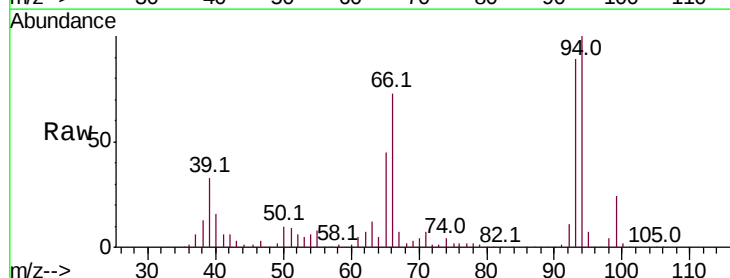
Tgt Ion: 93 Resp: 550329

Ion Ratio Lower Upper

93 100

66 82.0 43.4 65.2#

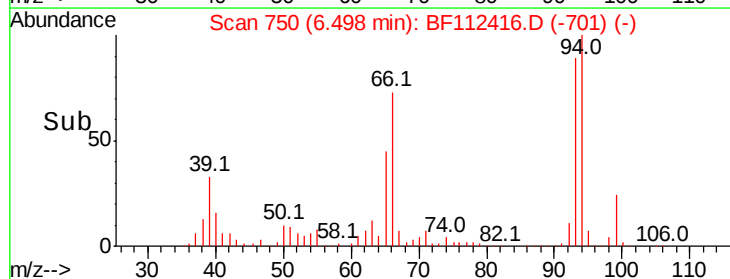
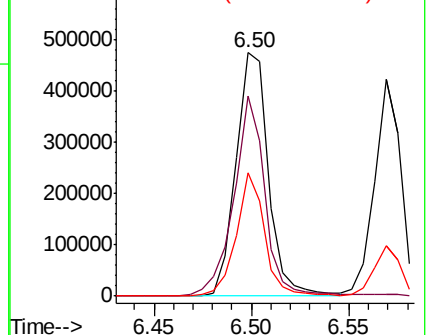
65 50.5 25.3 37.9#

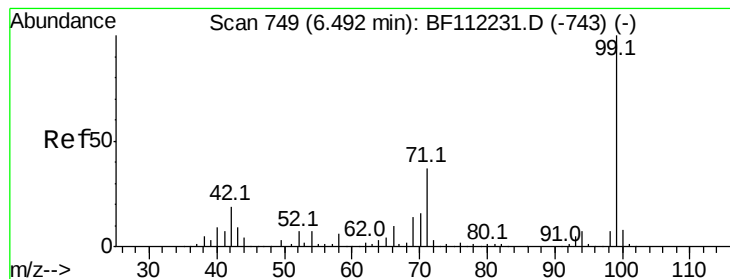


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.563 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

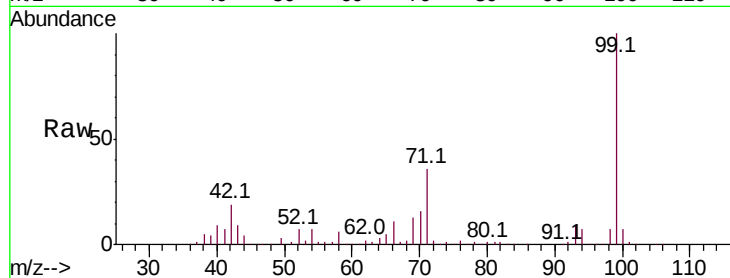
Tot Ion: 99 Resp: 917745

Ion Ratio Lower Upper

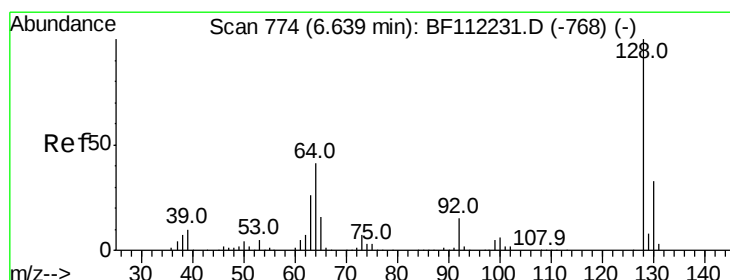
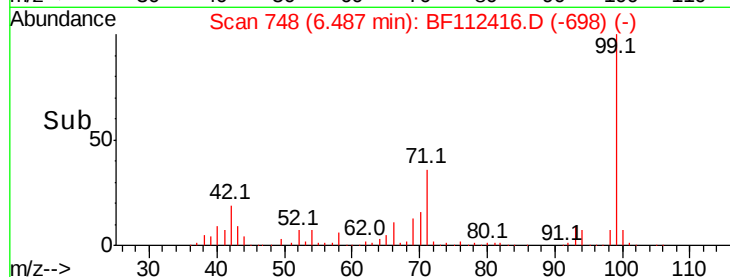
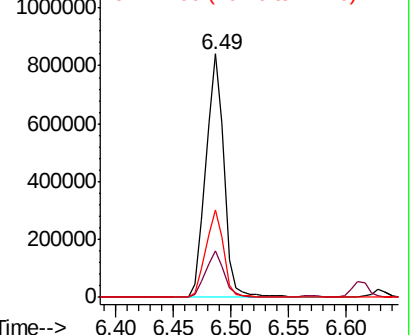
99 100

42 18.9 15.1 22.7

71 35.9 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.536 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

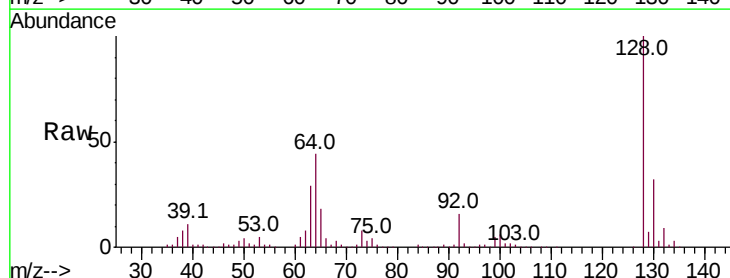
Tgt Ion:128 Resp: 436028

Ion Ratio Lower Upper

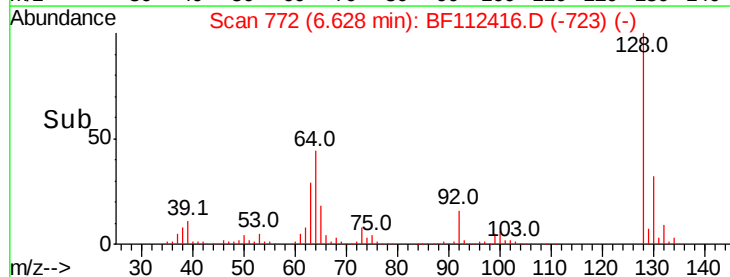
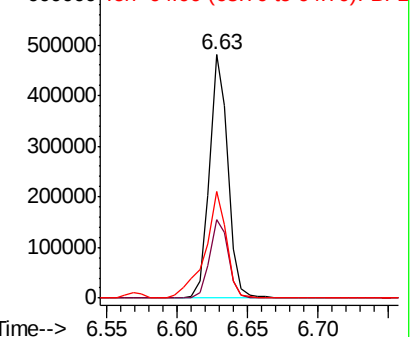
128 100

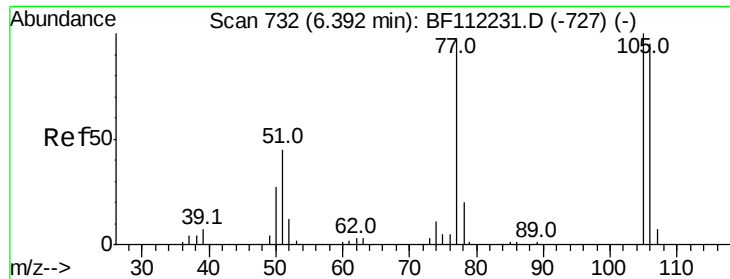
130 32.1 13.4 53.4

64 43.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

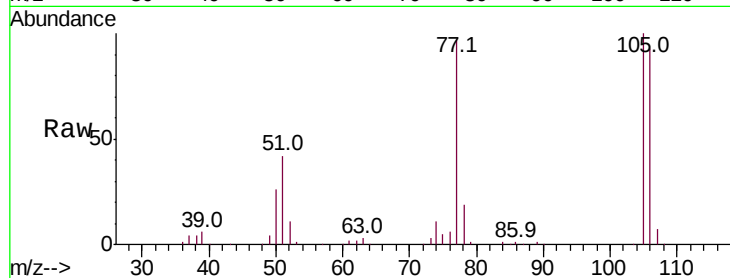




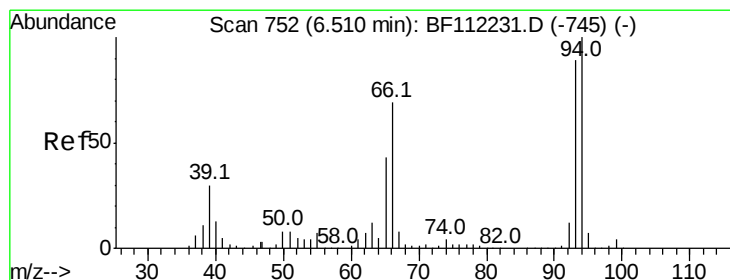
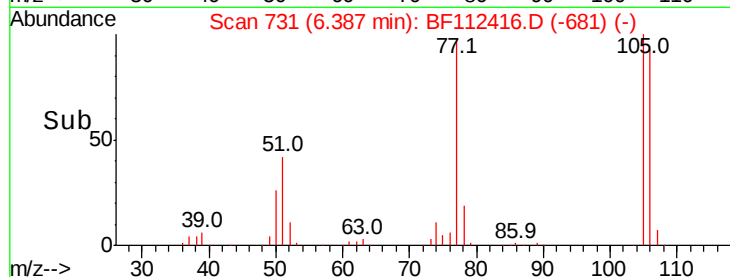
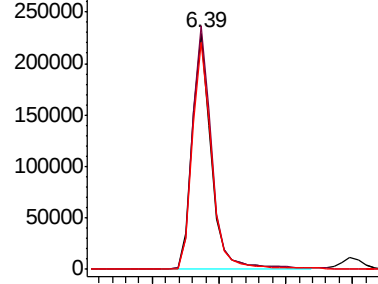
#9
Benzaldehyde
Concen: 39.349 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 234289
Ion Ratio Lower Upper
77 100
105 102.9 80.8 120.8
106 96.0 75.7 115.7

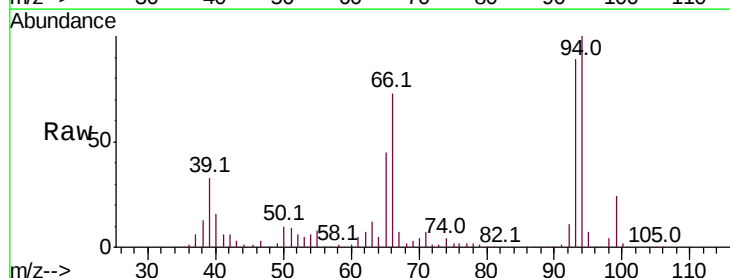


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

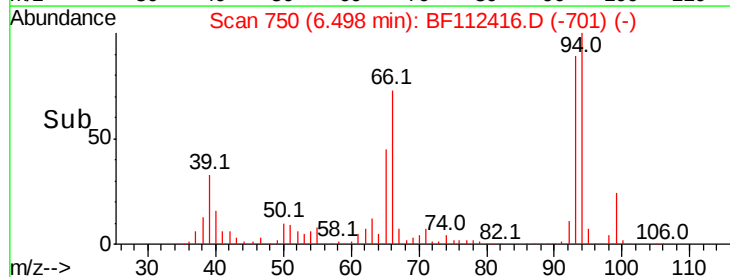
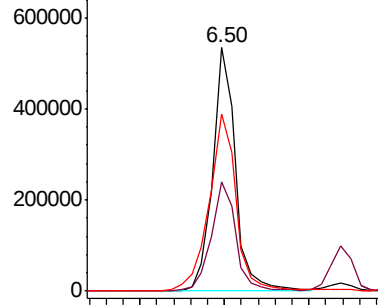


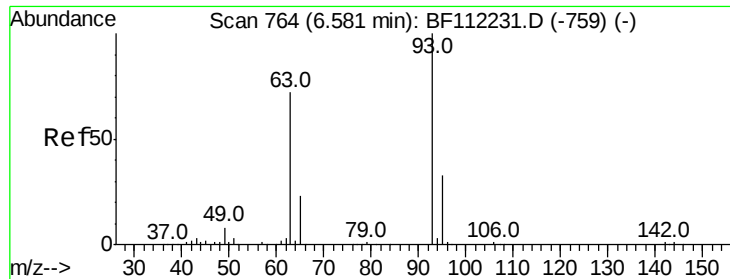
#10
Phenol
Concen: 40.079 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion: 94 Resp: 500905
Ion Ratio Lower Upper
94 100
65 44.8 20.3 60.3
66 72.8 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

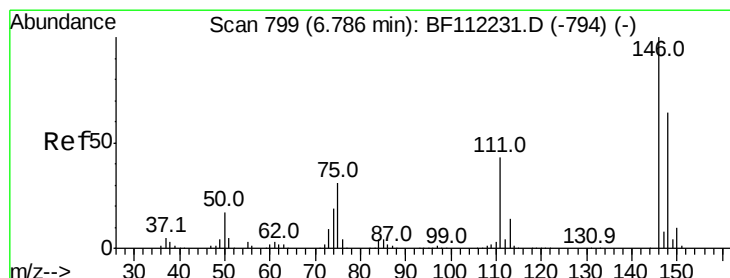
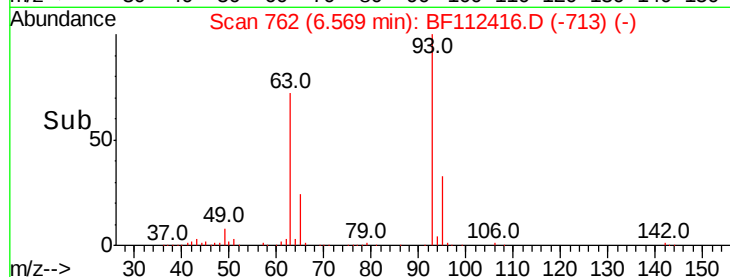
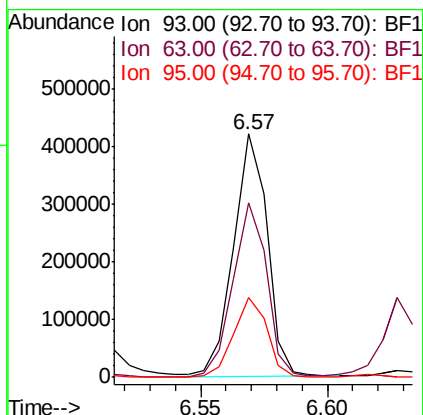
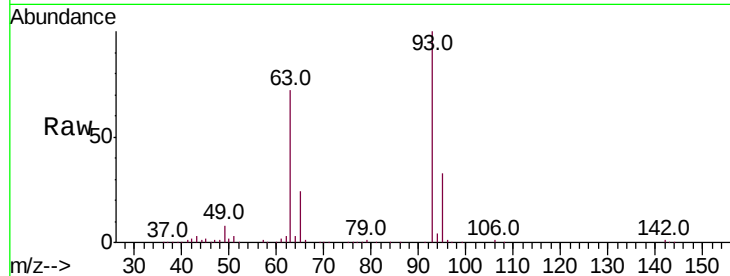




#11
bis(2-Chloroethyl)ether
Concen: 39.449 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

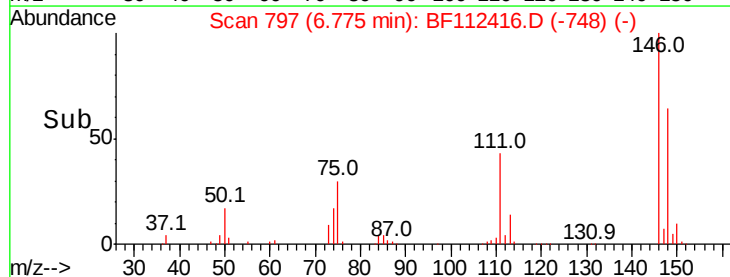
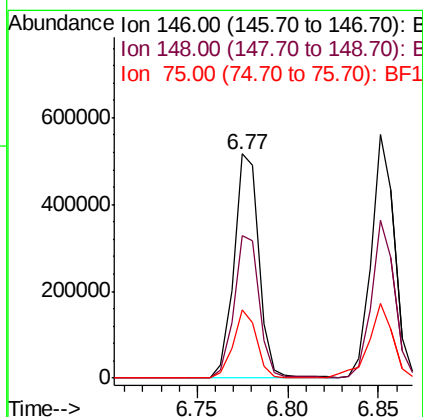
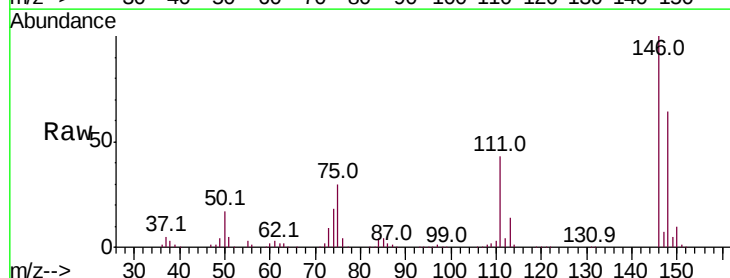
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

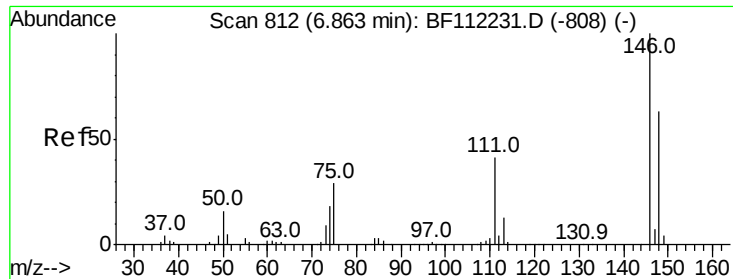
Tot Ion: 93 Resp: 388157
Ion Ratio Lower Upper
93 100
63 71.8 53.3 93.3
95 32.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.689 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion: 146 Resp: 496918
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.935 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

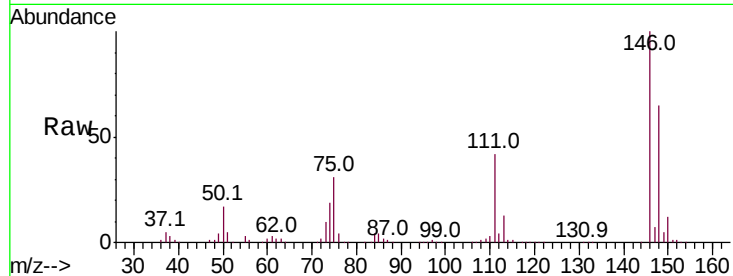
Tot Ion:146 Resp: 501446

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

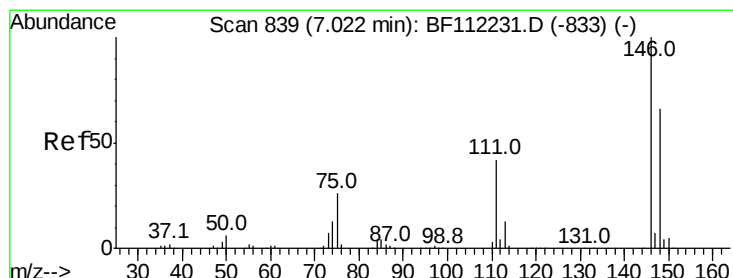
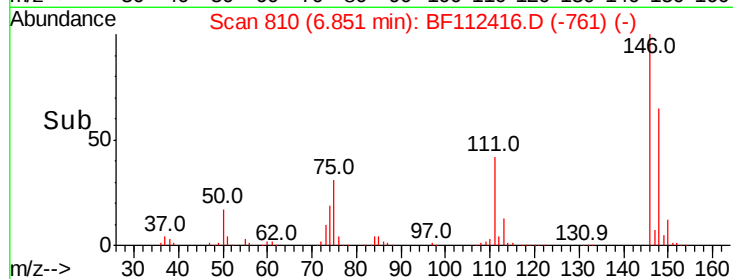
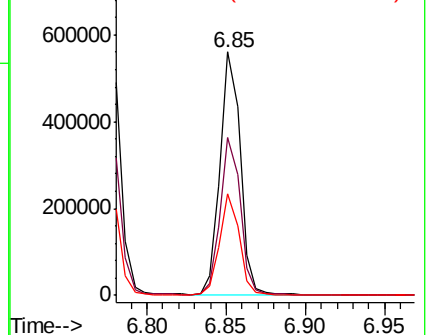
111 41.8 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.199 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

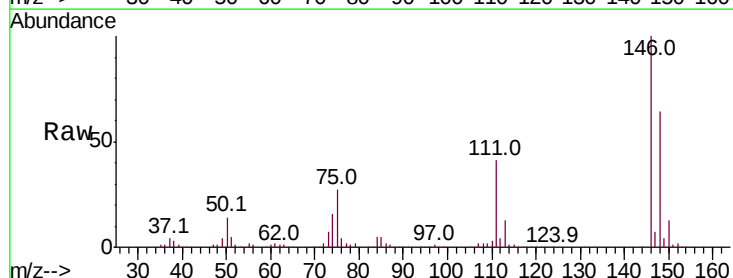
Tgt Ion:146 Resp: 472752

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

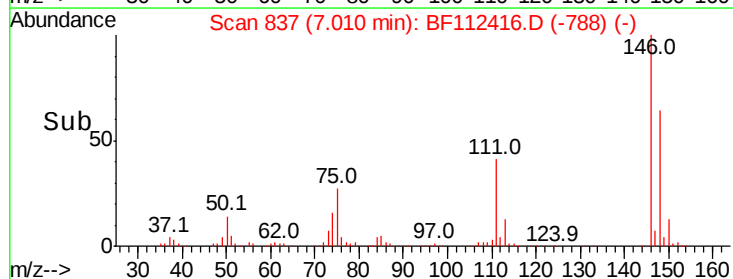
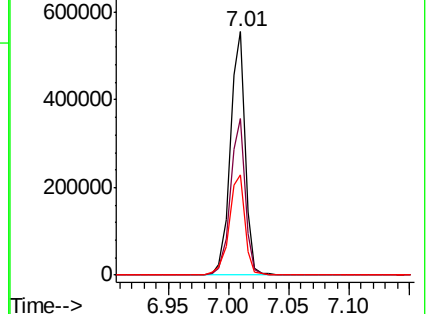
111 41.2 31.2 46.8

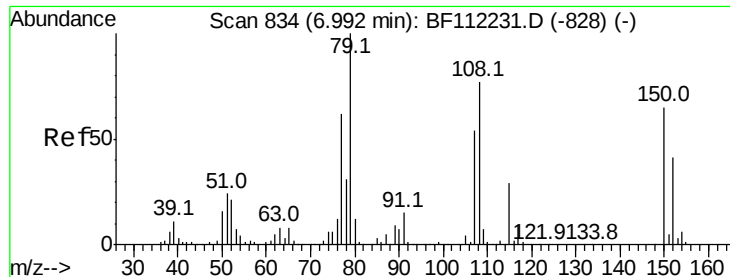


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.506 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

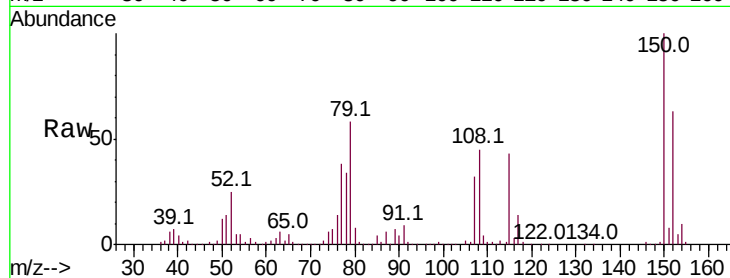
Tot Ion: 79 Resp: 360162

Ion Ratio Lower Upper

79 100

108 77.8 64.2 96.2

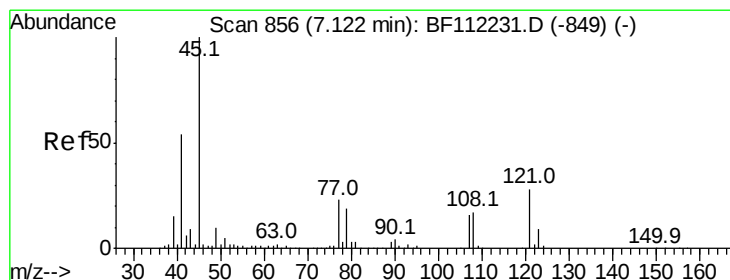
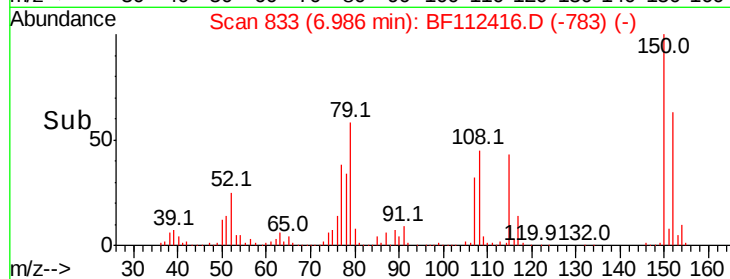
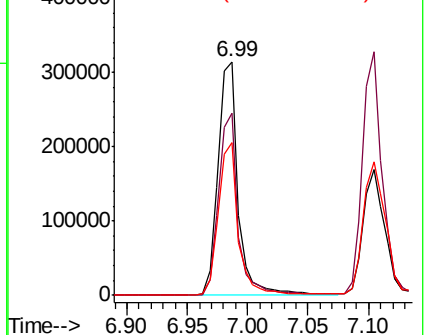
77 65.1 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.377 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

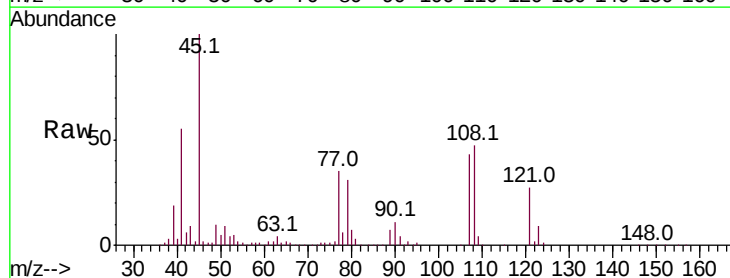
Tgt Ion: 45 Resp: 484839

Ion Ratio Lower Upper

45 100

77 35.4 0.0 36.9

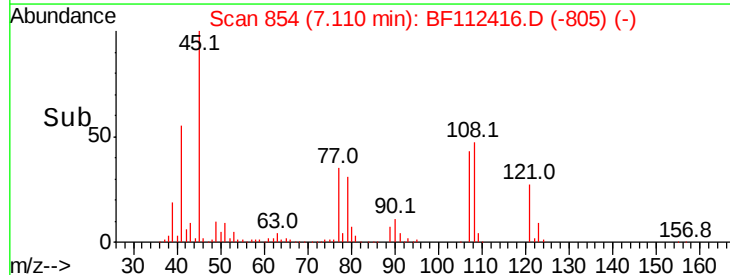
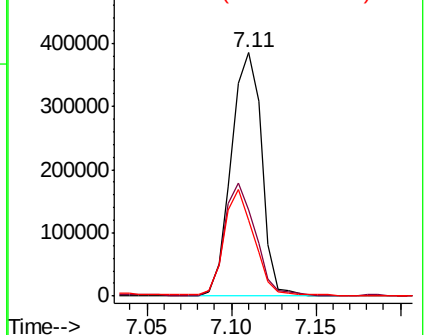
79 31.0 0.0 34.0

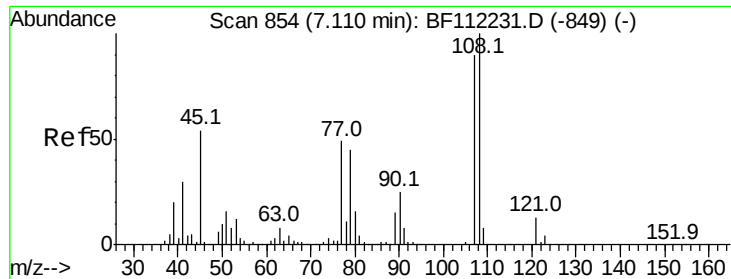


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.743 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 329969

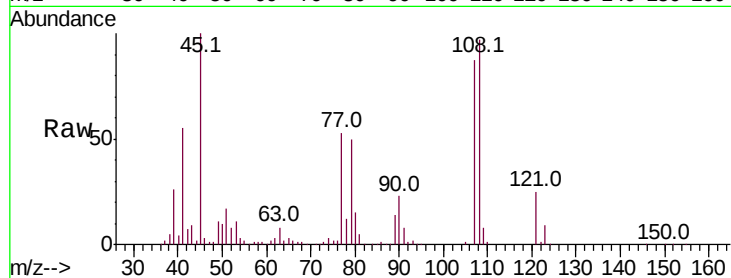
Ion Ratio Lower Upper

107 100

108 111.3 91.3 136.9

77 61.0 39.0 58.6#

79 57.7 37.0 55.4#



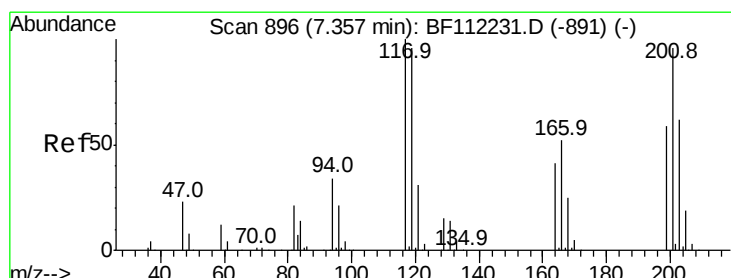
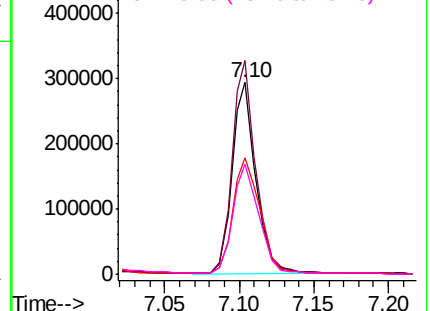
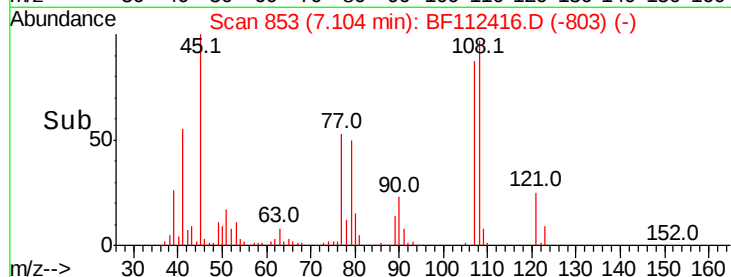
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.453 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

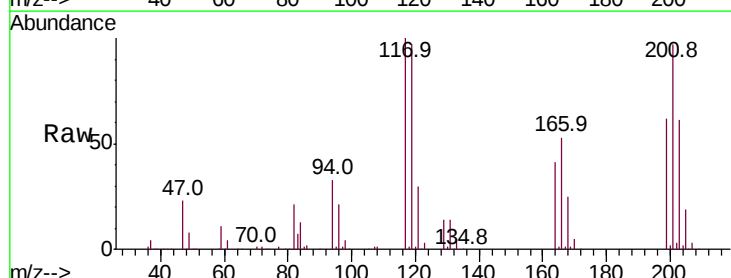
Tgt Ion:117 Resp: 178488

Ion Ratio Lower Upper

117 100

119 96.9 77.0 115.4

201 96.7 74.1 111.1

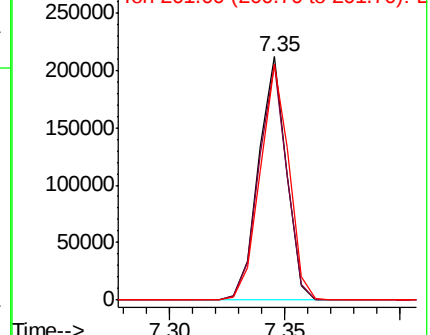
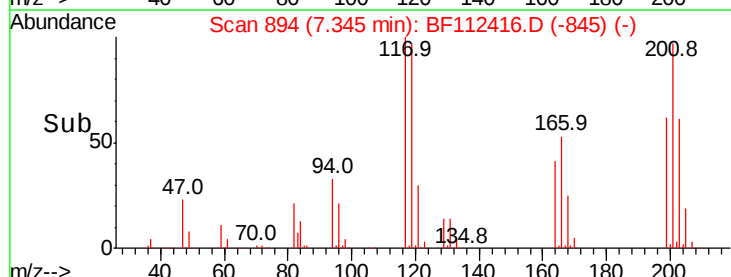


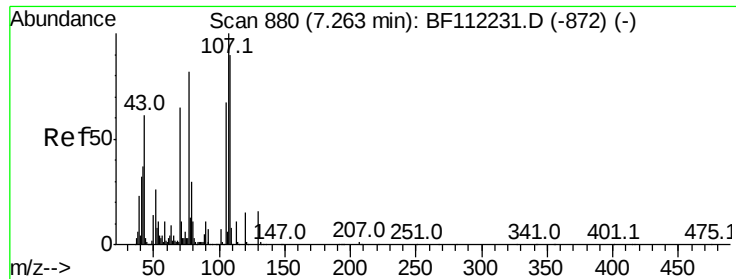
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

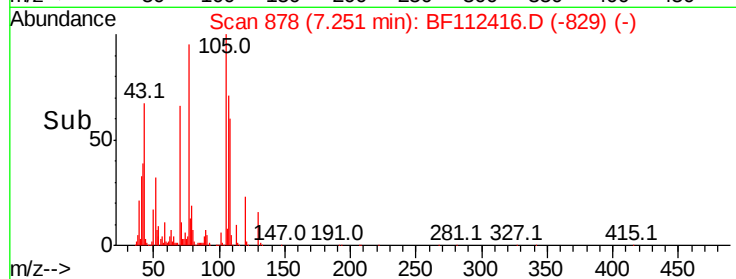
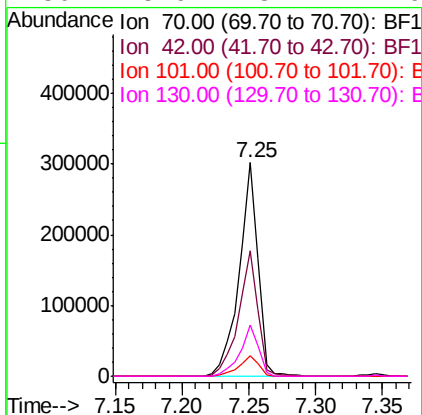
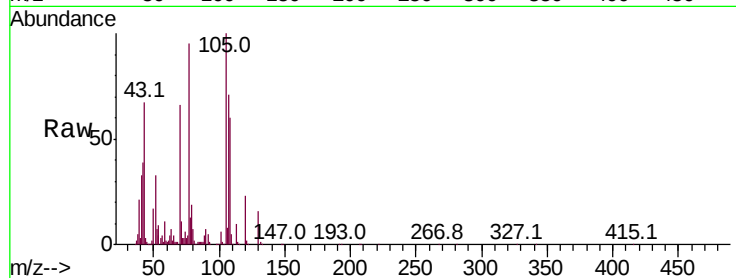




#19
n-Nitroso-di-n-propylamine
Concen: 37.966 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

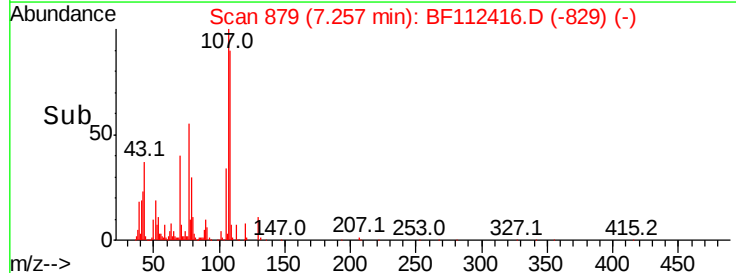
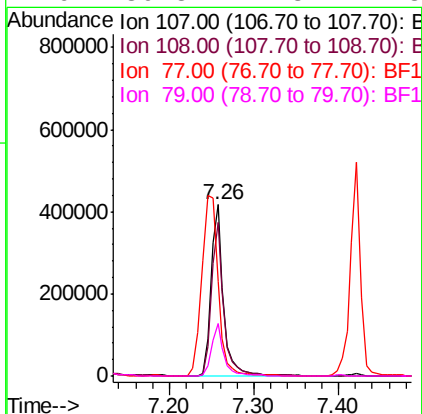
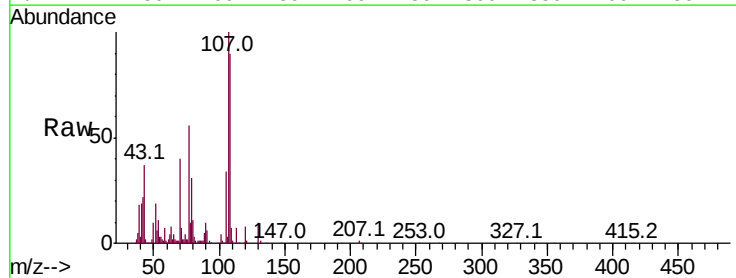
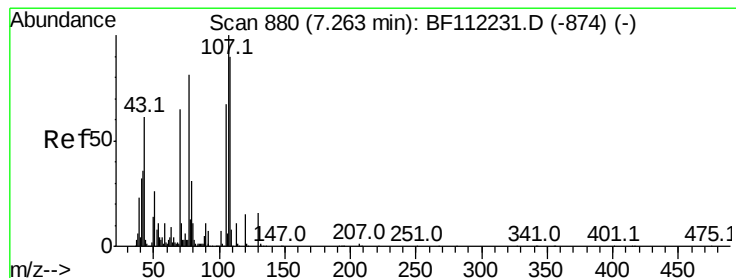
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

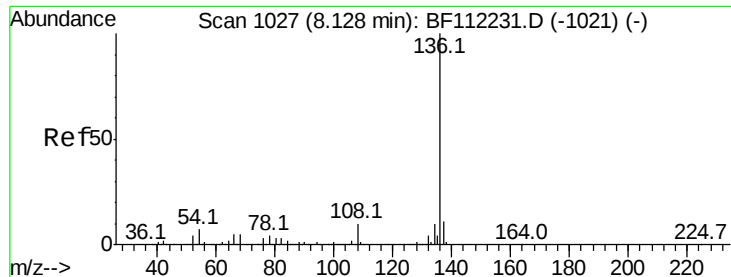
Tot Ion:	70	Resp:	298226
Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	9.7	7.9	11.9
130	23.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 38.762 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:	107	Resp:	433351
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	55.5	100.7	140.7#
79	30.8	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 671760

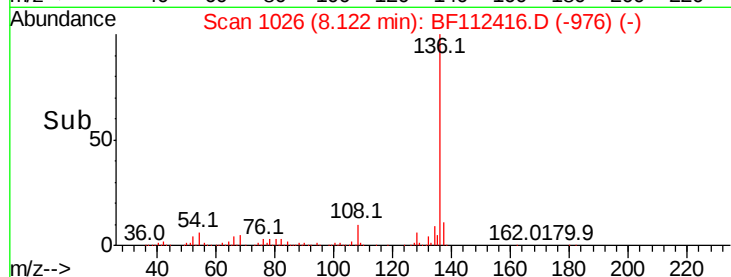
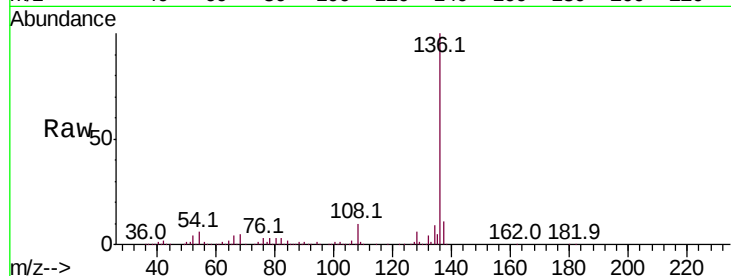
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.7 5.9 8.9#

68 4.6 5.1 7.7#



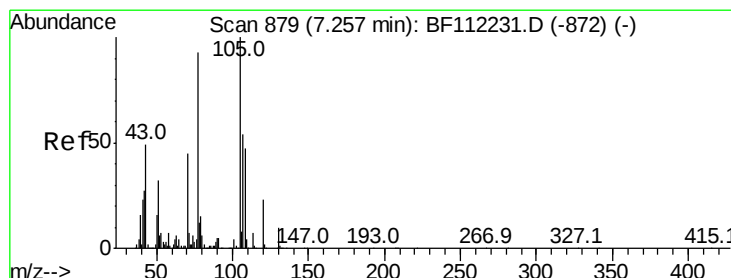
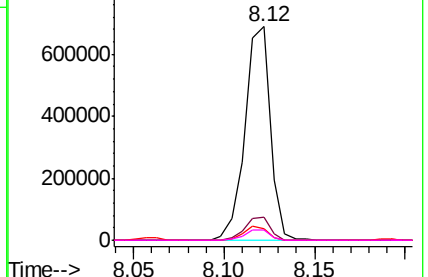
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.575 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Tgt Ion:105 Resp: 614637

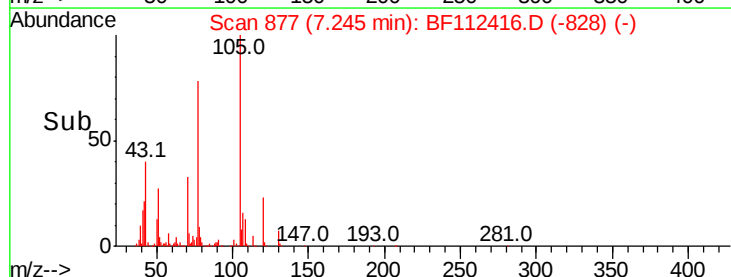
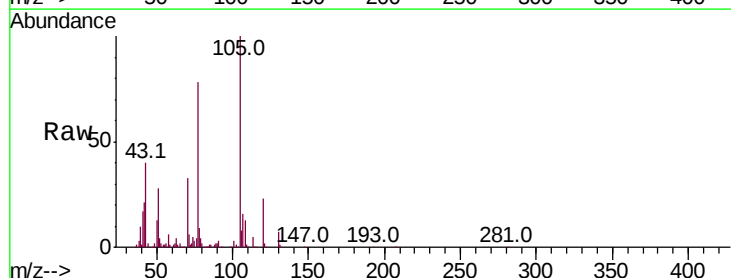
Ion Ratio Lower Upper

105 100

71 5.6 4.6 6.8

51 27.5 25.0 37.6

120 22.7 19.0 28.4



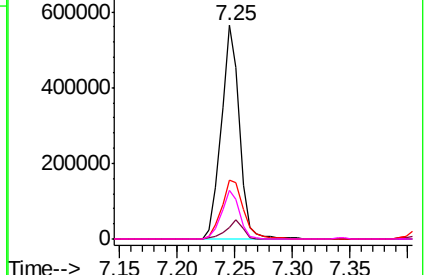
Abundance

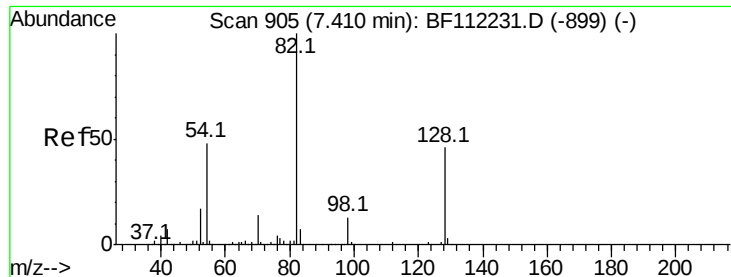
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

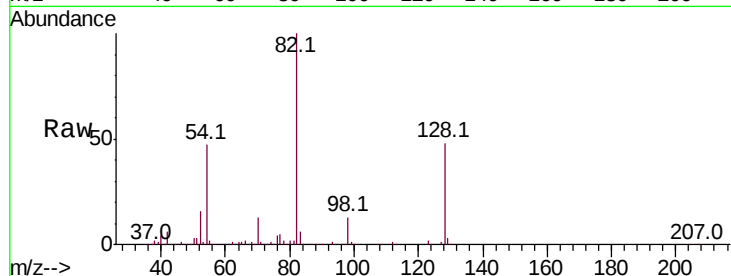




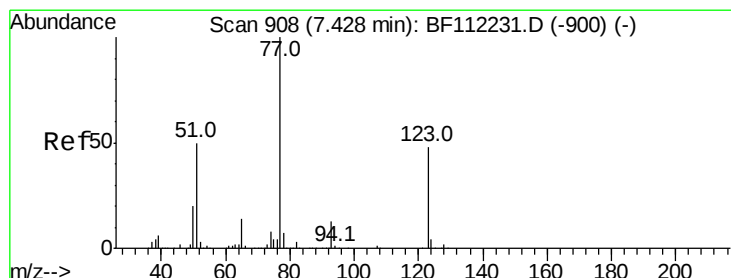
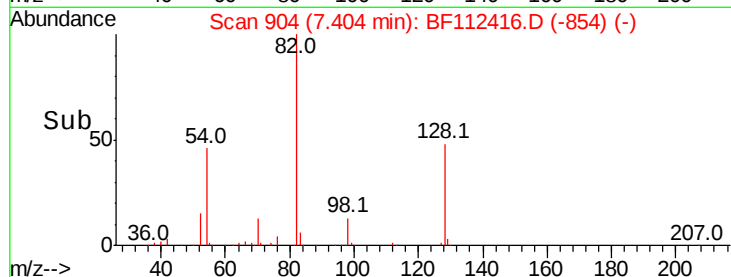
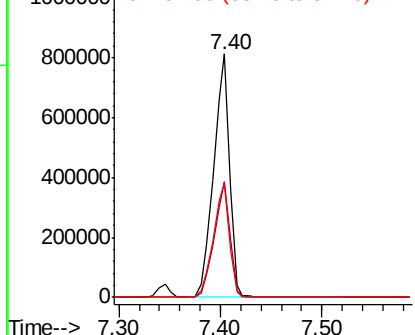
#23
Nitrobenzene-d5
Concen: 75.918 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 885086
Ion Ratio Lower Upper
82 100
128 47.6 37.8 56.8
54 46.8 39.7 59.5

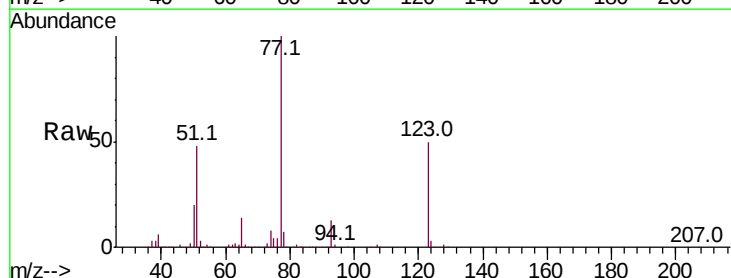


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

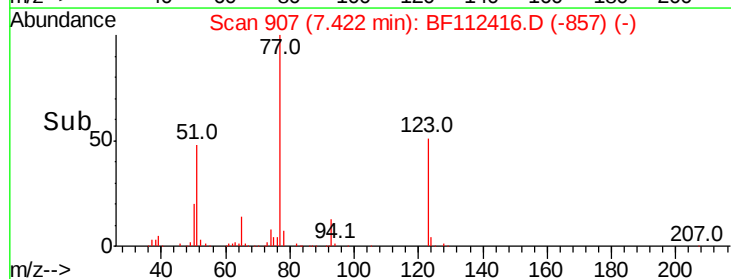
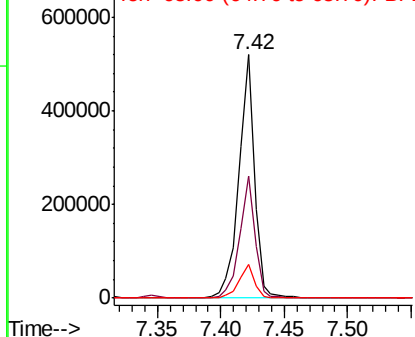


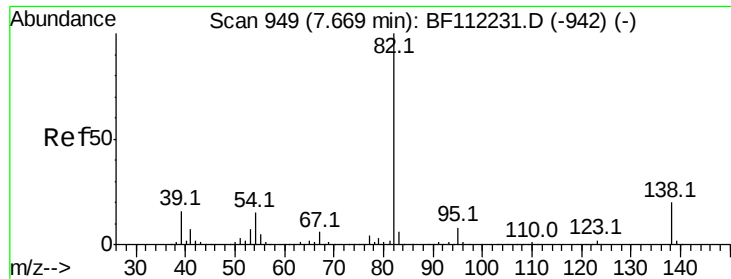
#24
Nitrobenzene
Concen: 37.588 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion: 77 Resp: 437659
Ion Ratio Lower Upper
77 100
123 50.1 38.4 57.6
65 13.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.269 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

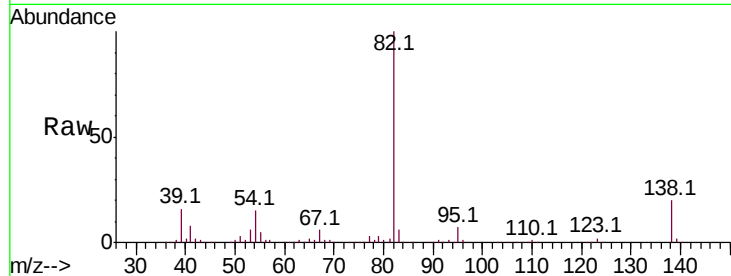
Tot Ion: 82 Resp: 699937

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

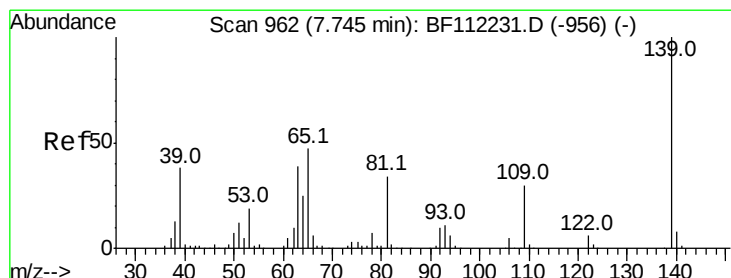
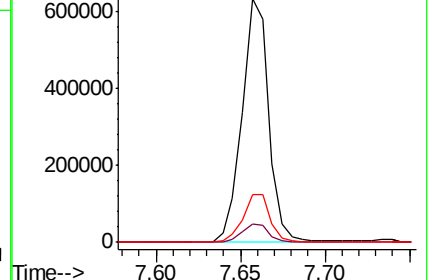
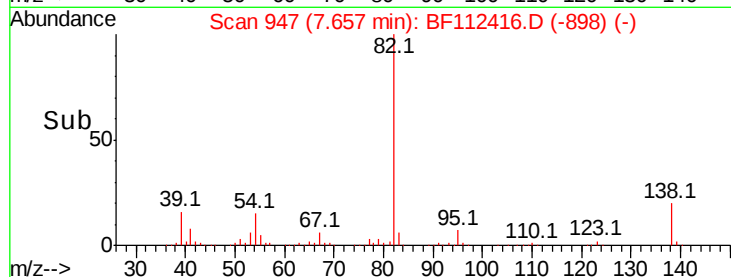
138 19.7 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.748 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

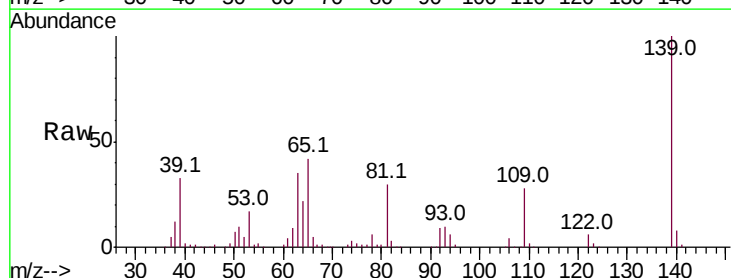
Tgt Ion: 139 Resp: 247327

Ion Ratio Lower Upper

139 100

109 27.6 20.8 31.2

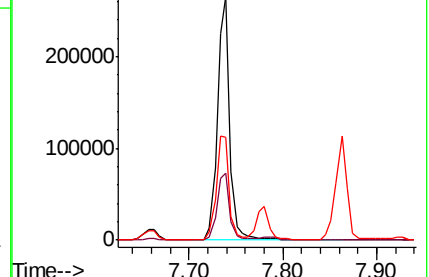
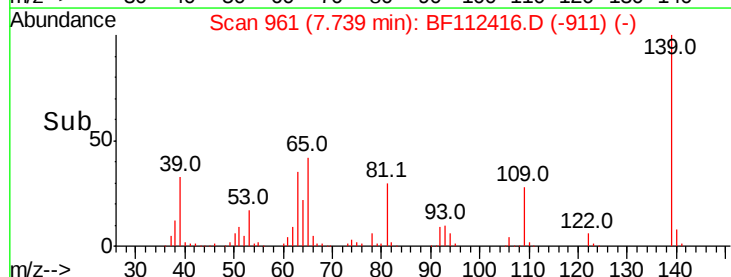
65 42.2 34.4 51.6

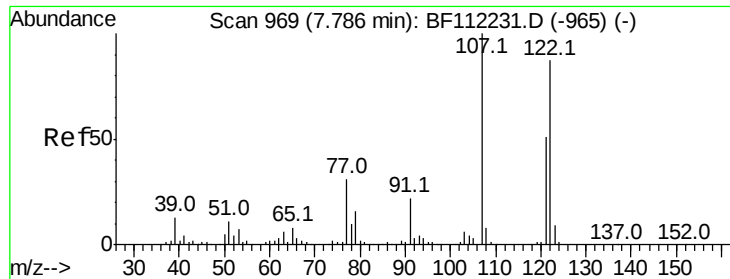


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

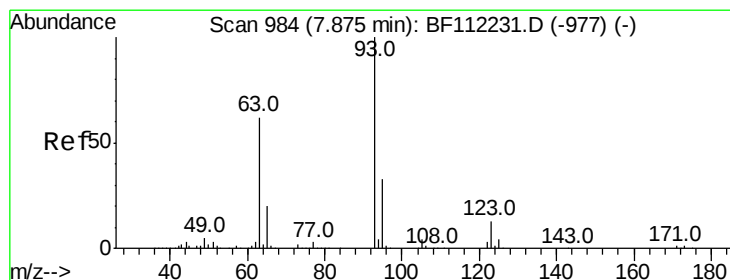
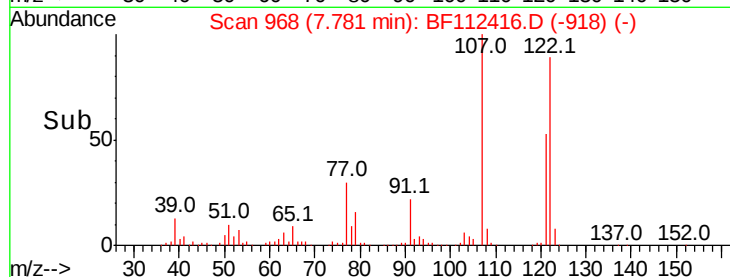
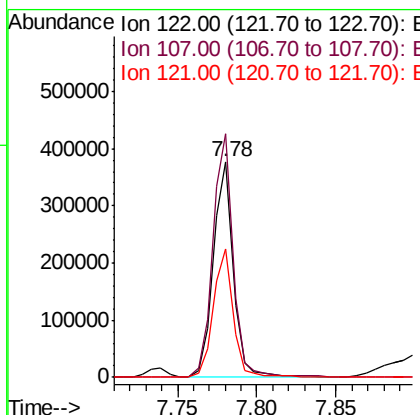
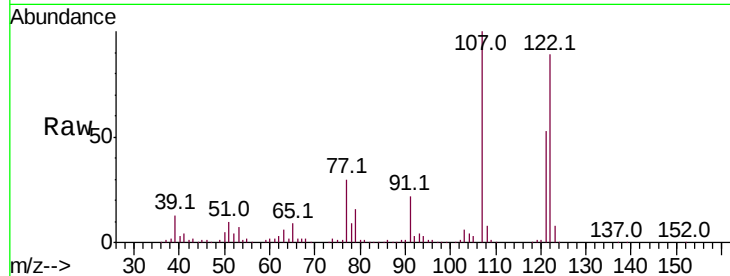




#27
 2,4-Dimethylphenol
 Concen: 38.360 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

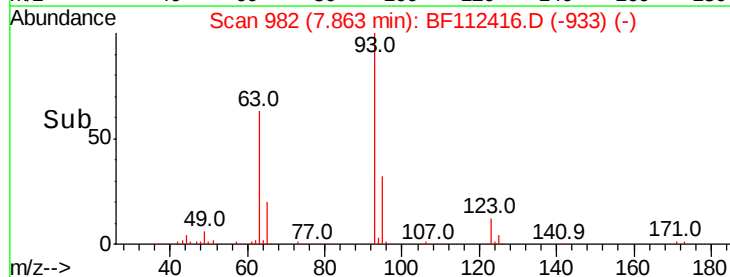
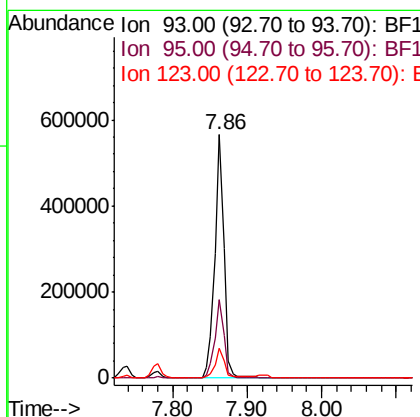
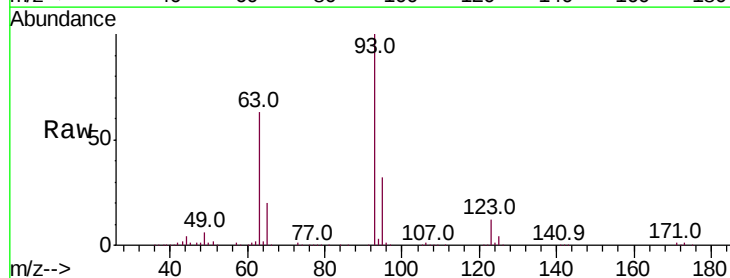
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

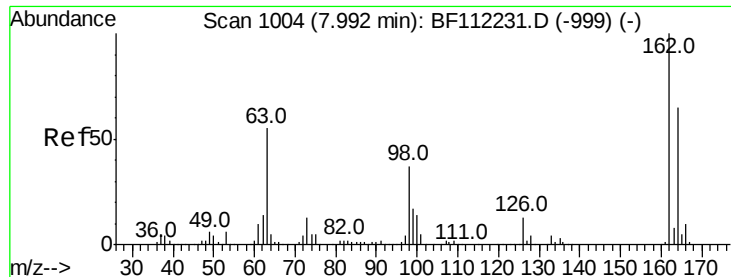
Tot Ion:122 Resp: 328858
 Ion Ratio Lower Upper
 122 100
 107 112.8 85.4 128.0
 121 59.5 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.485 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion: 93 Resp: 479274
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.8 40.2
 123 12.2 10.2 15.2

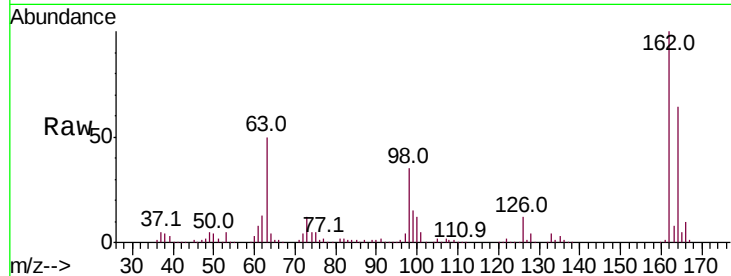




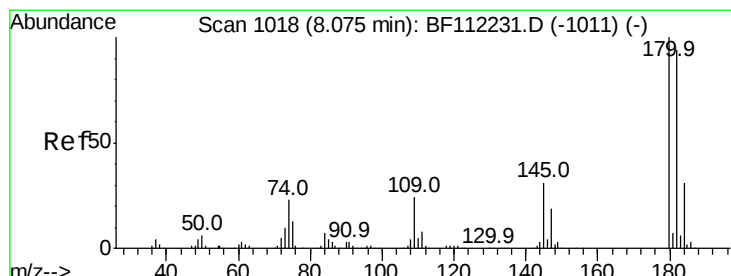
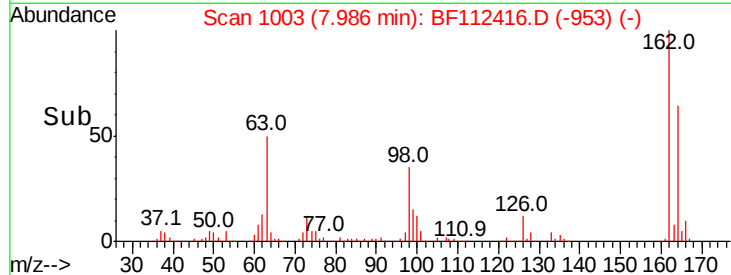
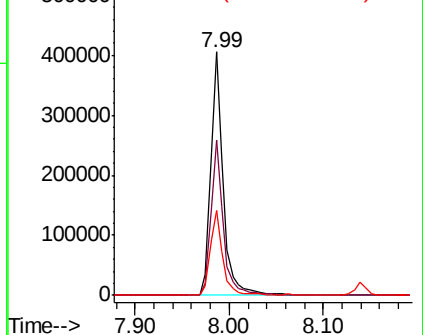
#29
 2,4-Dichlorophenol
 Concen: 39.737 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 381228
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 34.8 14.6 54.6

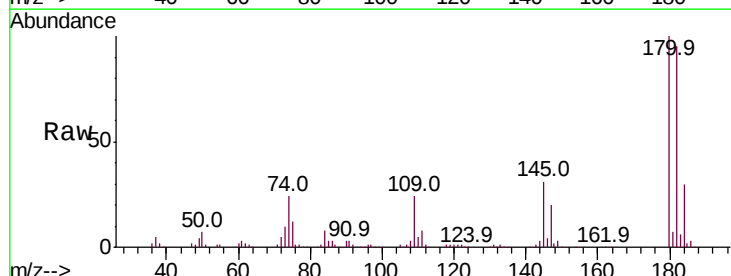


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

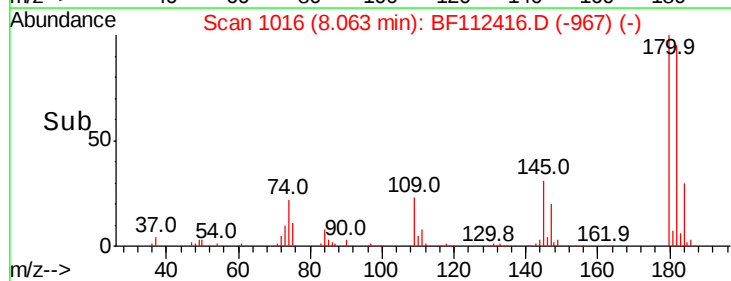
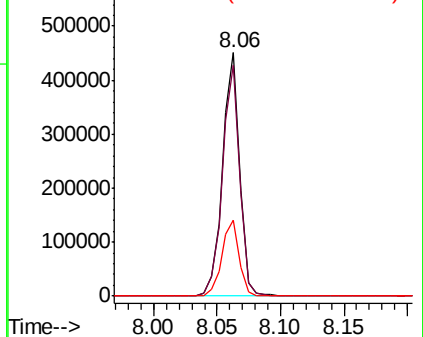


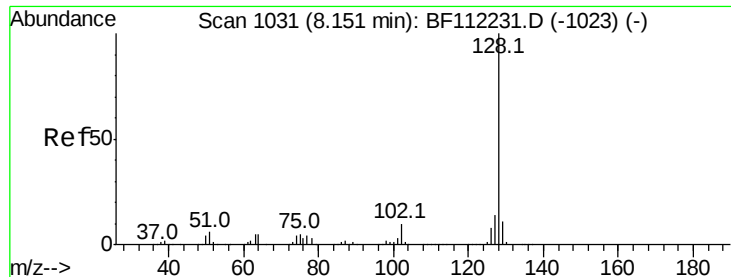
#30
 1,2,4-Trichlorobenzene
 Concen: 38.581 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:180 Resp: 425462
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 145 31.3 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

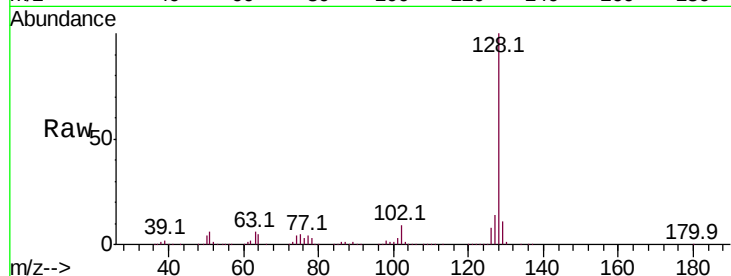




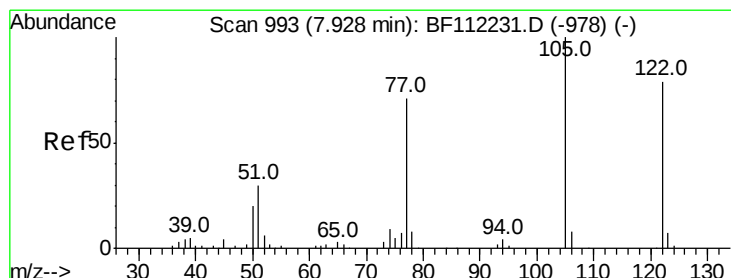
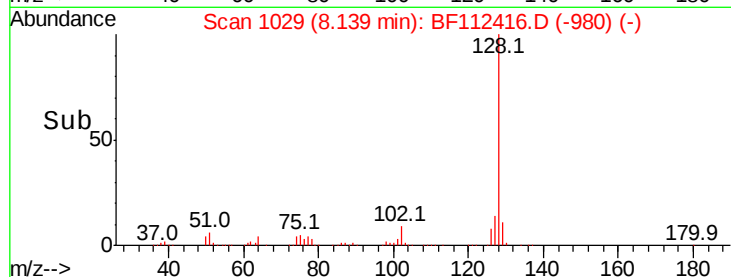
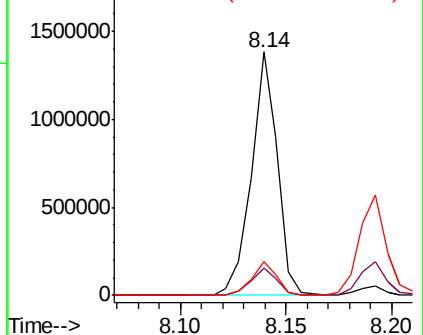
#31
Naphthalene
Concen: 37.721 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1184969
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.7 11.1 16.7

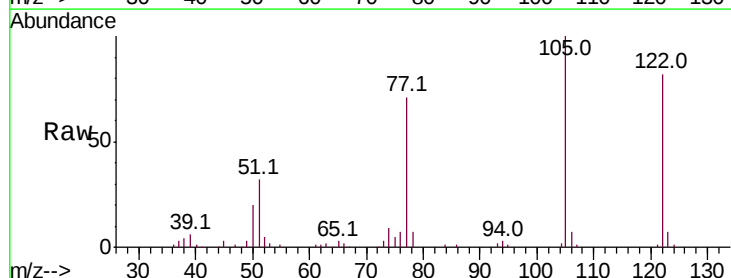


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

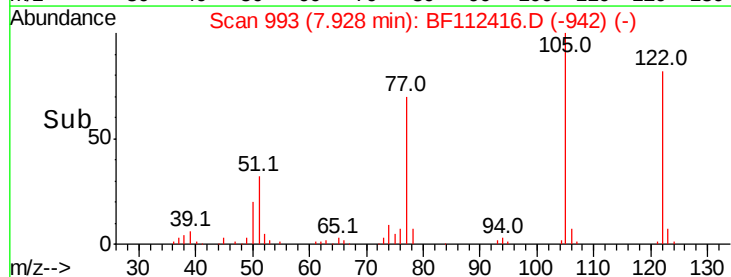
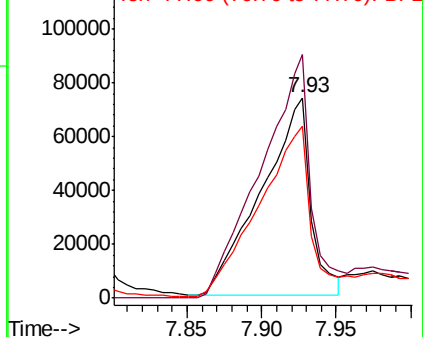


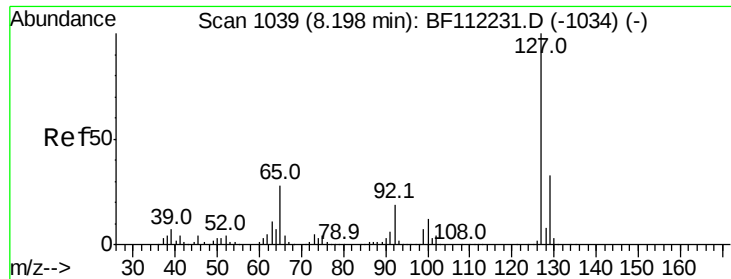
#32
Benzoic acid
Concen: 34.458 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:122 Resp: 168508
Ion Ratio Lower Upper
122 100
105 121.7 101.2 141.2
77 86.1 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

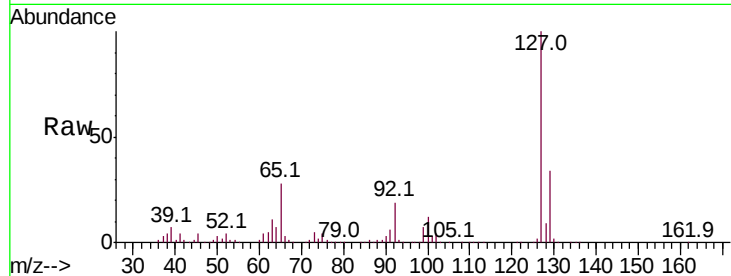




#33
4-Chloroaniline
Concen: 38.585 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	527792
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	39.8
65	27.7	21.4	32.2
92	18.8	14.2	21.2



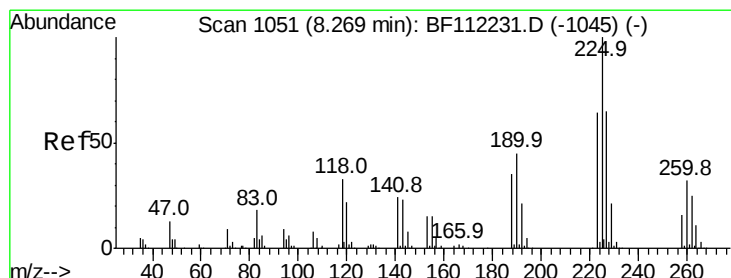
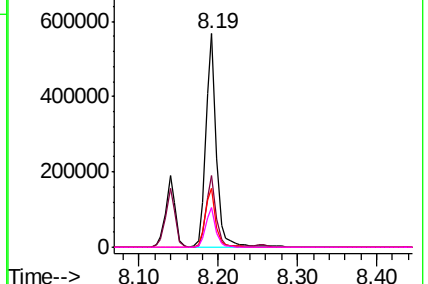
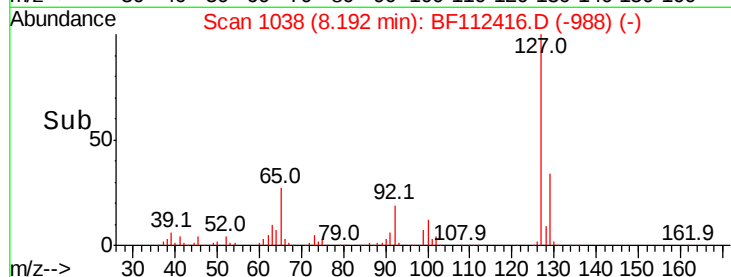
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

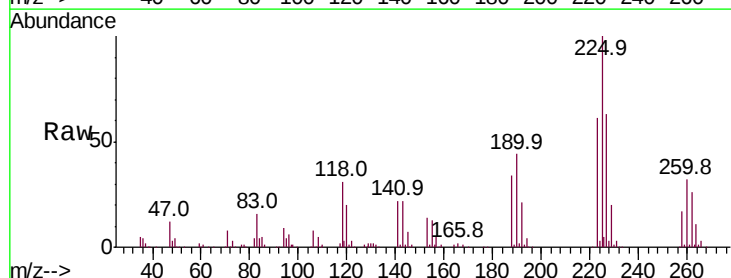
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.307 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:	225	Resp:	247896
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.3	75.5
227	63.0	51.8	77.8

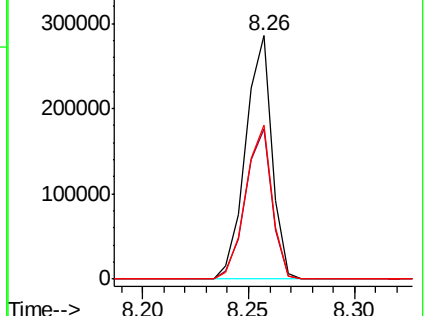
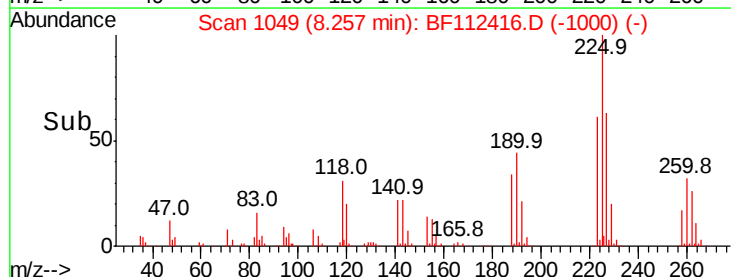


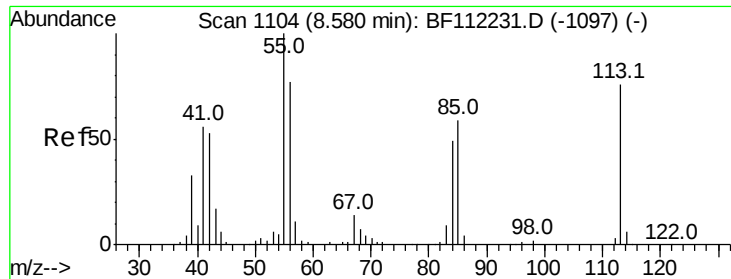
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

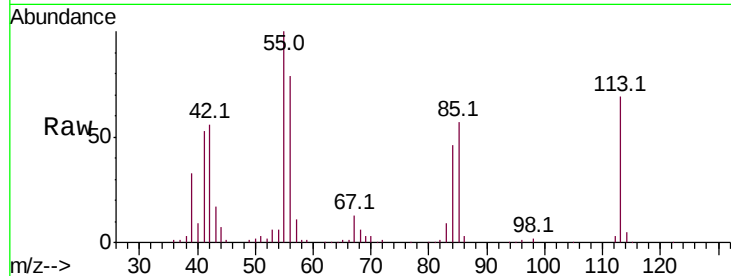




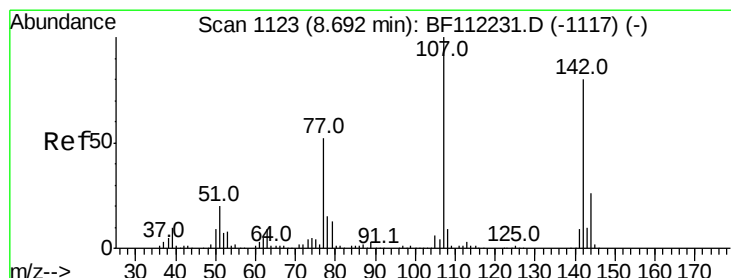
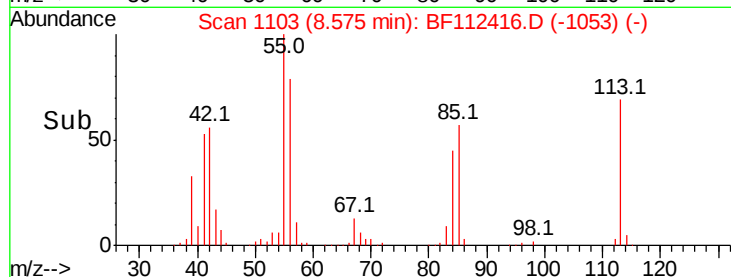
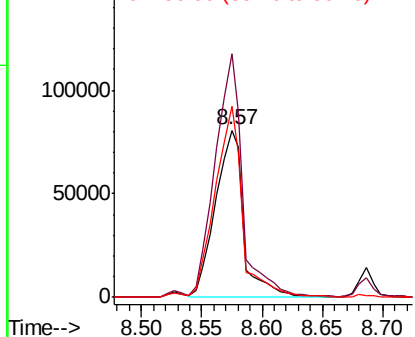
#35
 Caprolactam
 Concen: 38.026 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 128698
 Ion Ratio Lower Upper
 113 100
 55 145.6 121.6 161.6
 56 114.5 86.7 126.7

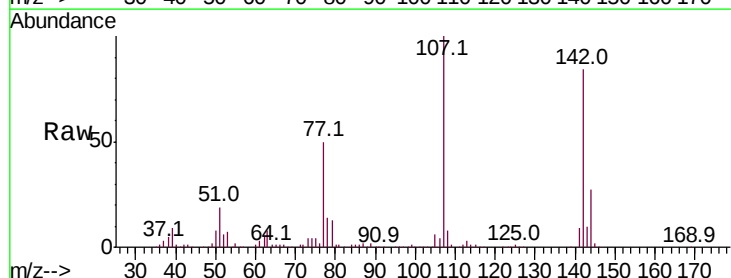


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

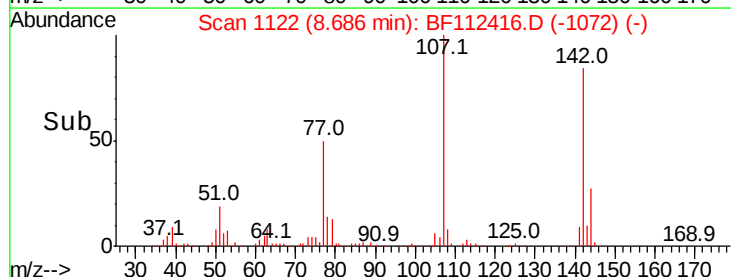
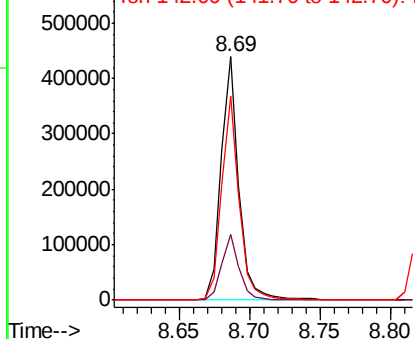


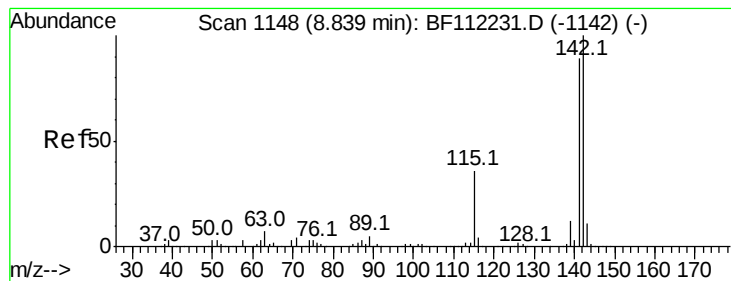
#36
 4-Chloro-3-methylphenol
 Concen: 37.774 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:107 Resp: 383640
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.2
 142 83.8 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

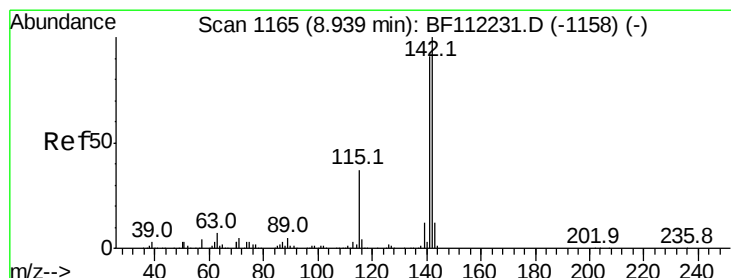
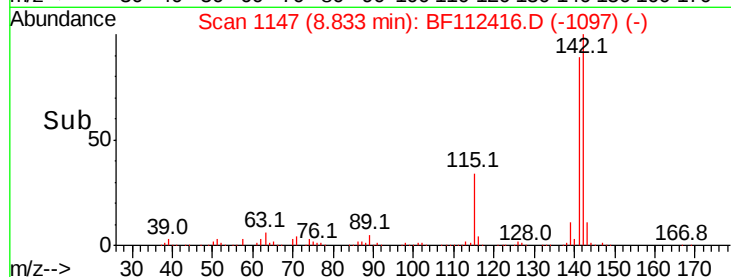
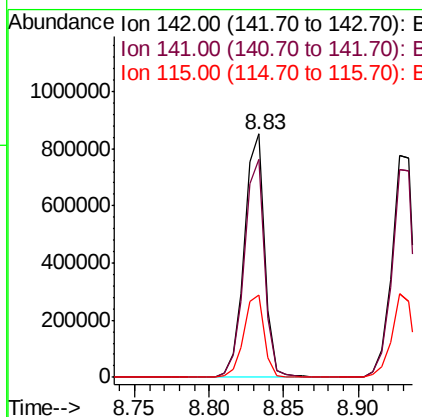
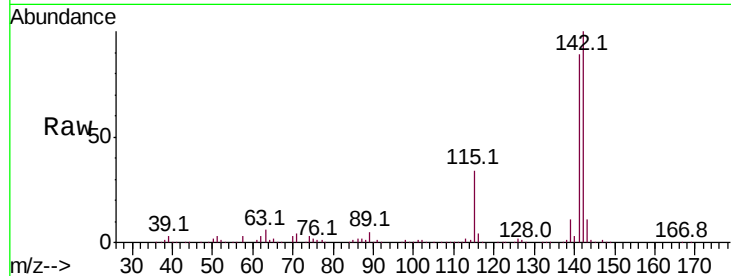




#37
 2-Methylnaphthalene
 Concen: 37.458 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

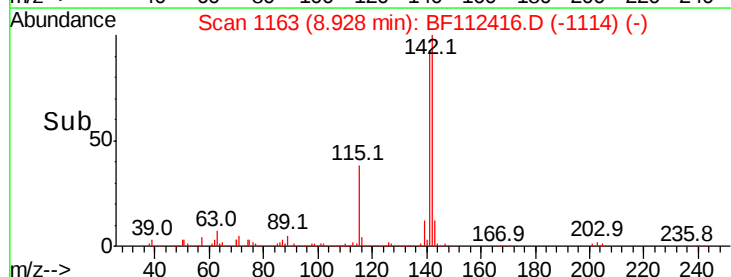
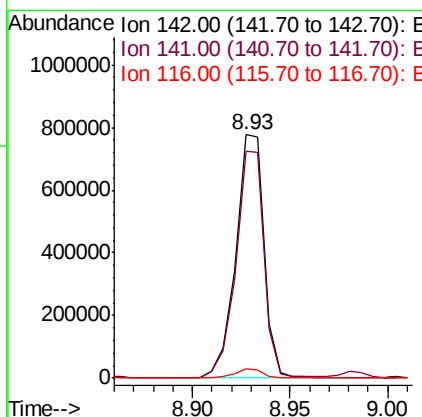
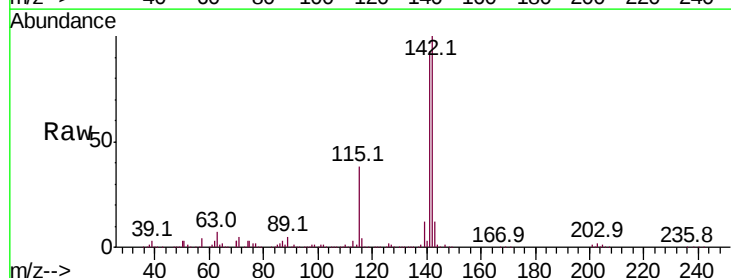
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

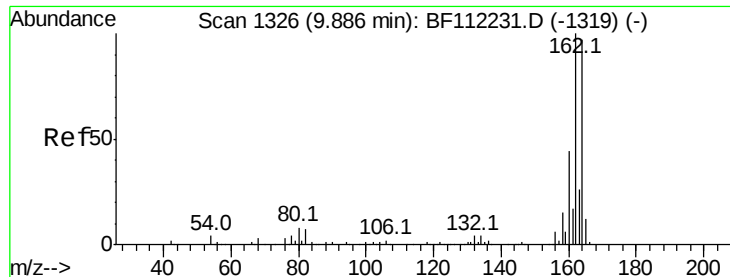
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	33.8	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 37.604 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8
116	3.9	2.8	4.2

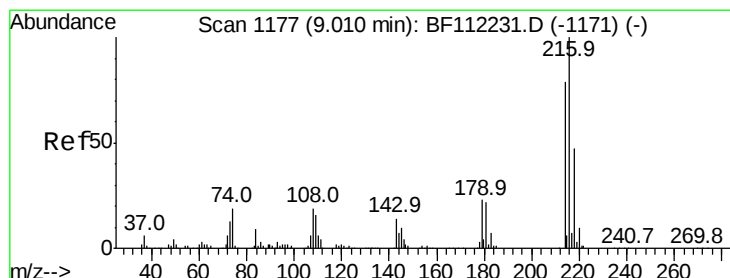
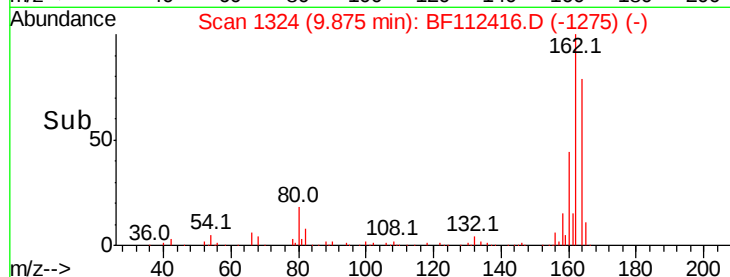
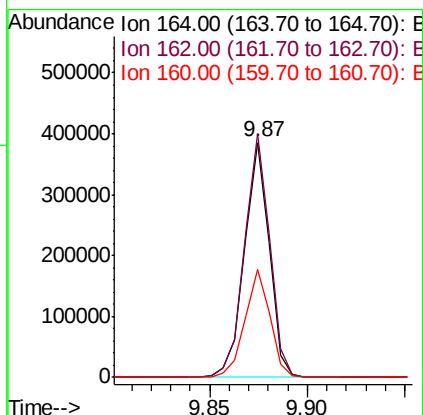
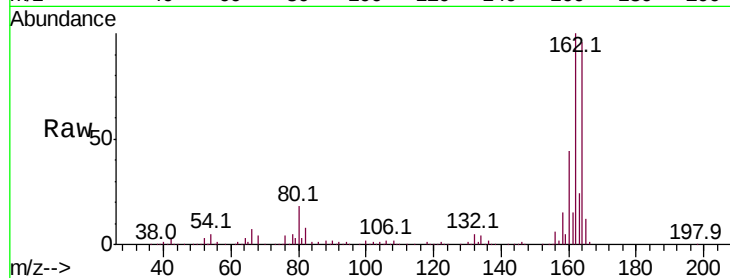




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

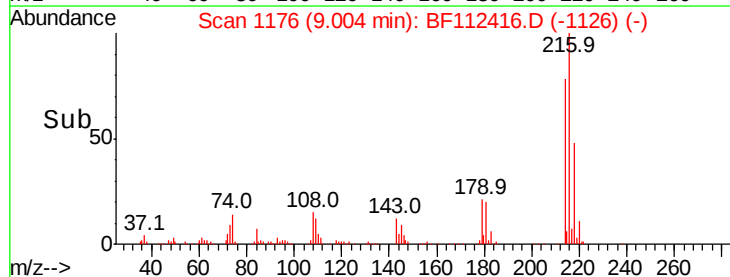
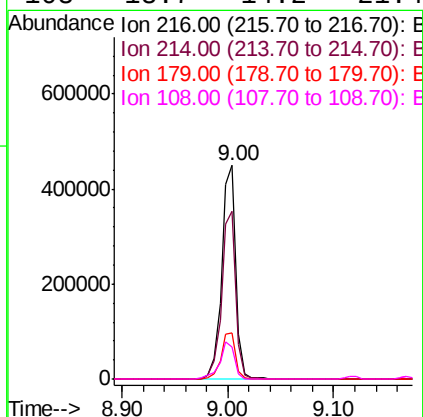
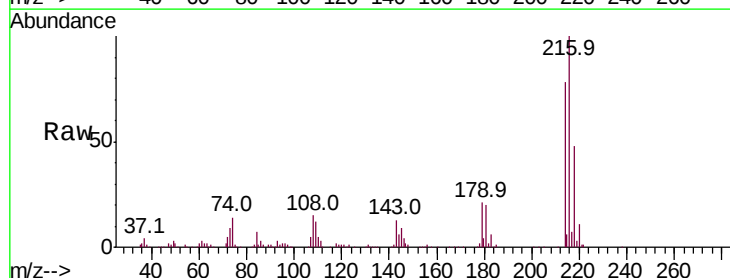
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

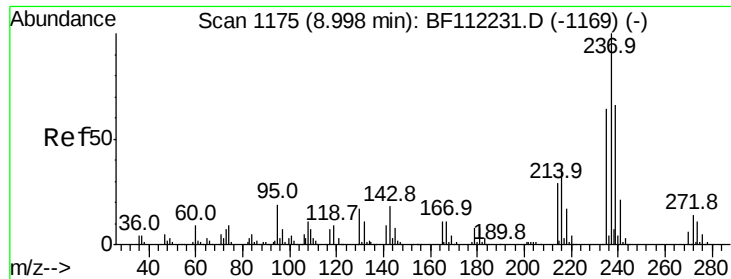
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	45.7	36.2	54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.594 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	22.0	16.9	25.3
108	18.7	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 38.138 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

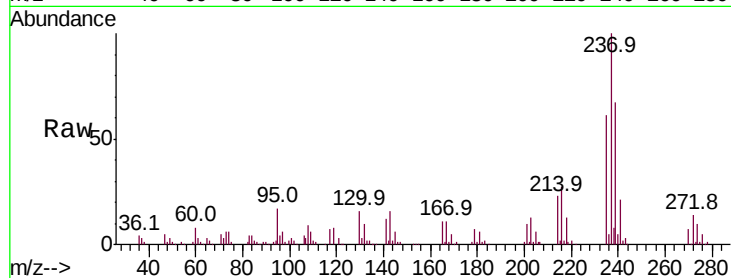
Tot Ion:237 Resp: 137561

Ion Ratio Lower Upper

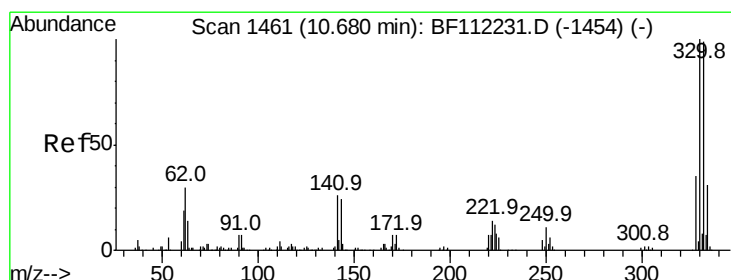
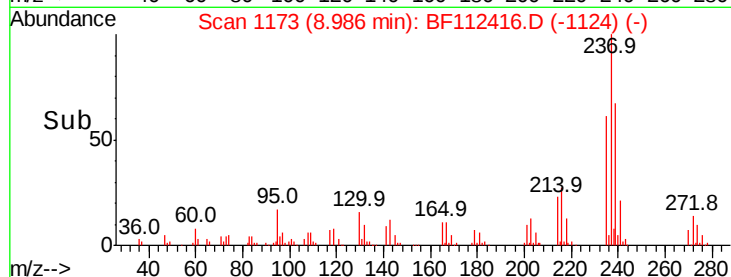
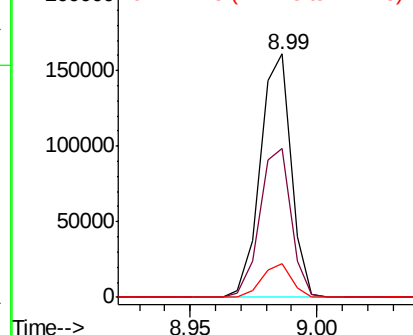
237 100

235 61.2 44.0 84.0

272 13.7 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.796 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

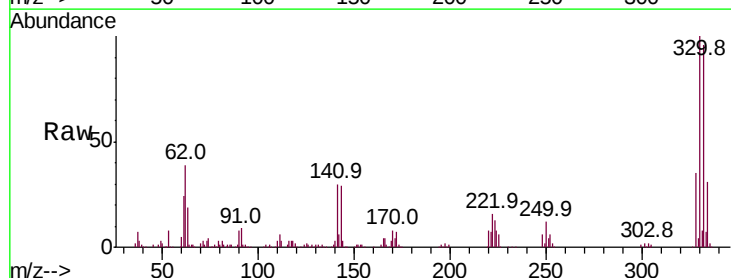
Tgt Ion:330 Resp: 312020

Ion Ratio Lower Upper

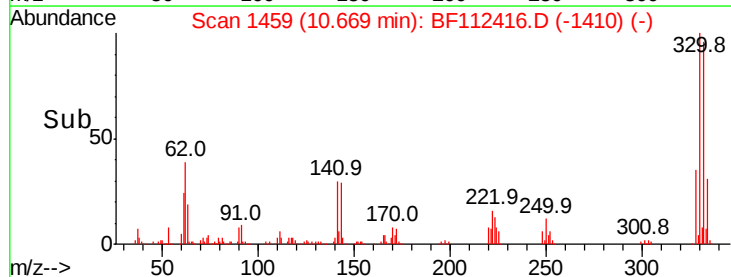
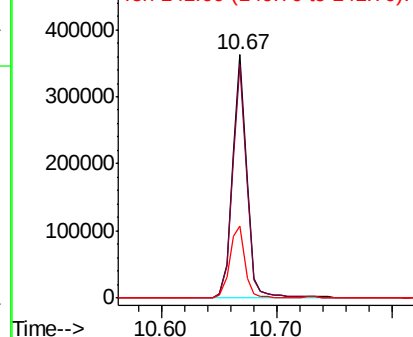
330 100

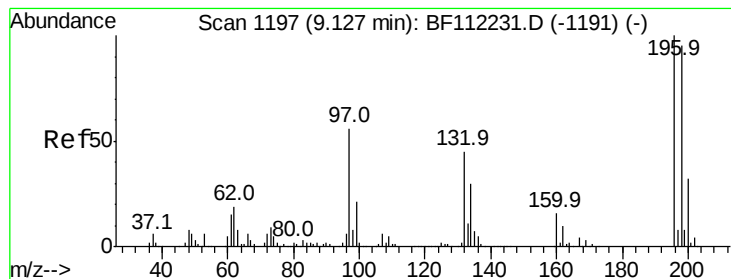
332 95.8 76.6 114.8

141 32.0 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.140 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

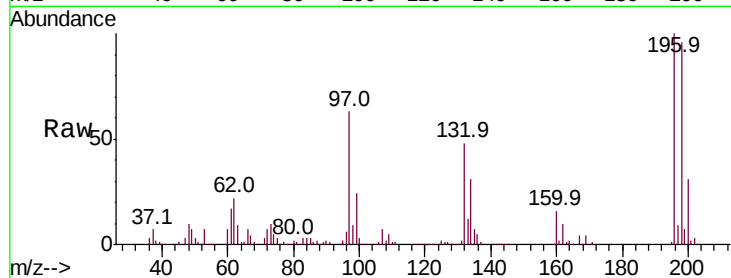
Tot Ion:196 Resp: 262604

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

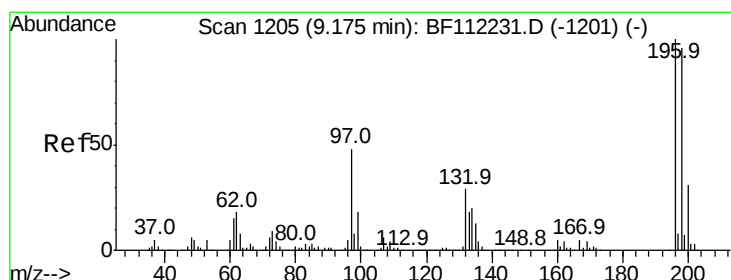
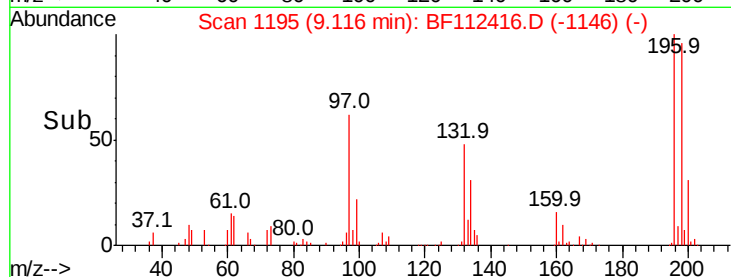
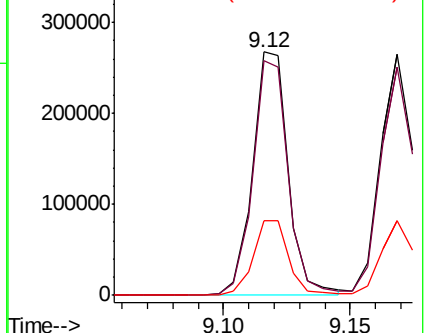
200 30.8 24.3 36.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.018 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Tgt Ion:196 Resp: 273581

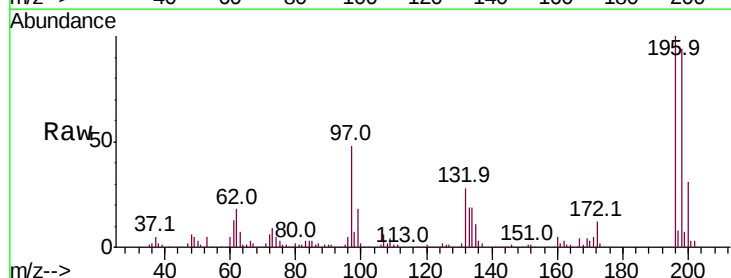
Ion Ratio Lower Upper

196 100

198 94.2 76.0 114.0

97 47.7 36.4 54.6

132 28.4 21.5 32.3

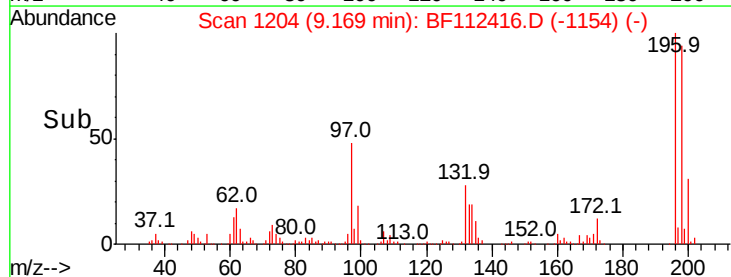
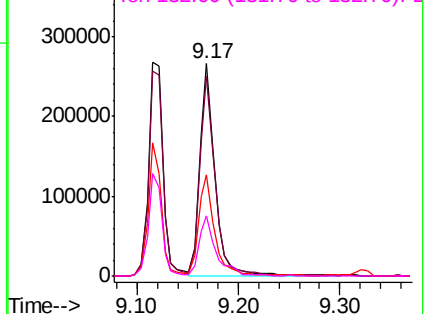


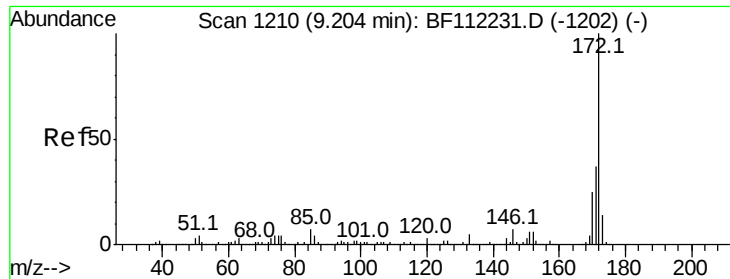
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

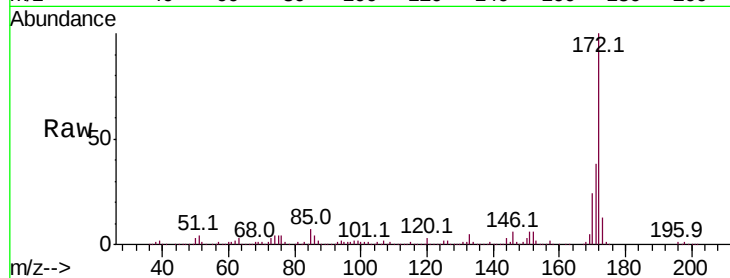




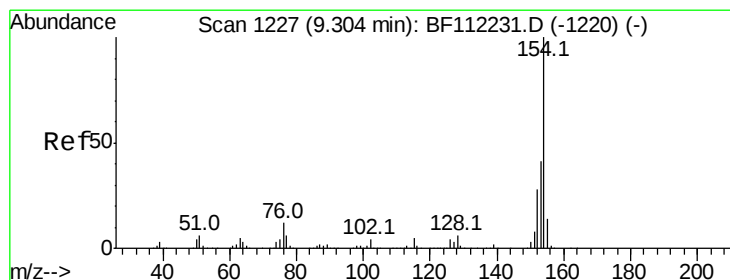
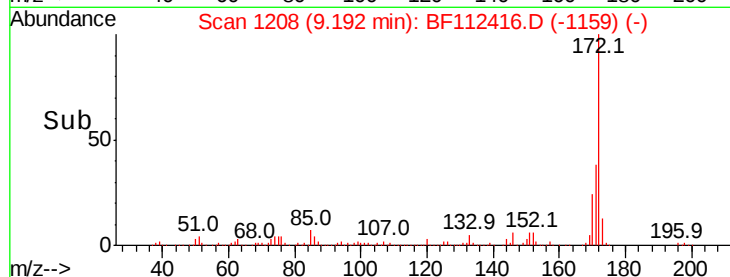
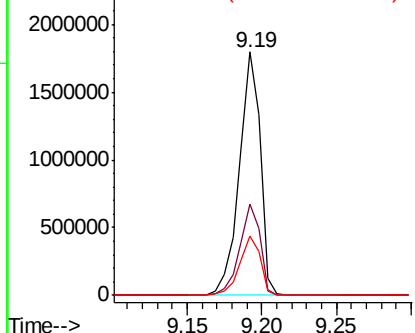
#45
2-Fluorobiphenyl
Concen: 73.174 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1760119
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.4 20.2 30.4

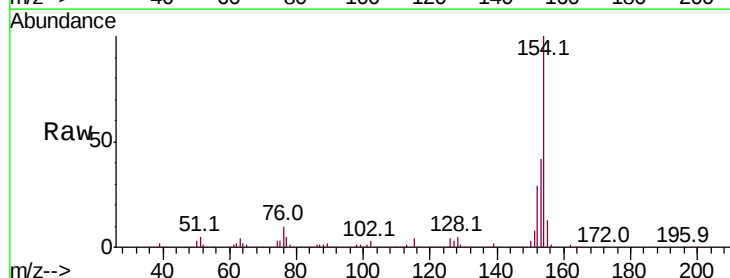


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

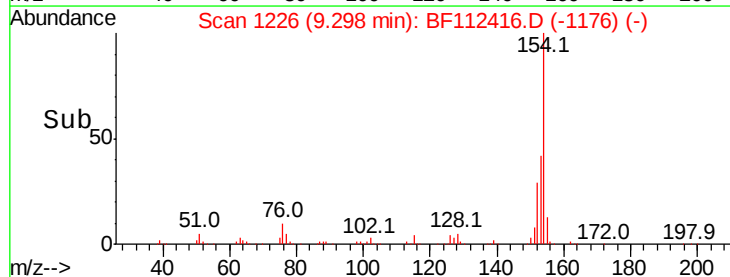
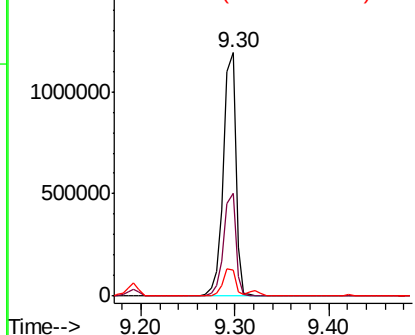


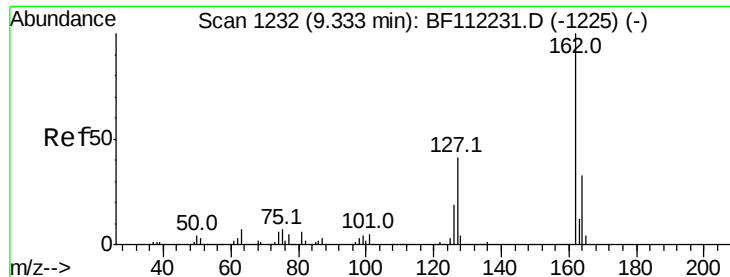
#46
1,1'-Biphenyl
Concen: 37.355 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:154 Resp: 1110997
Ion Ratio Lower Upper
154 100
153 42.1 21.5 61.5
76 10.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

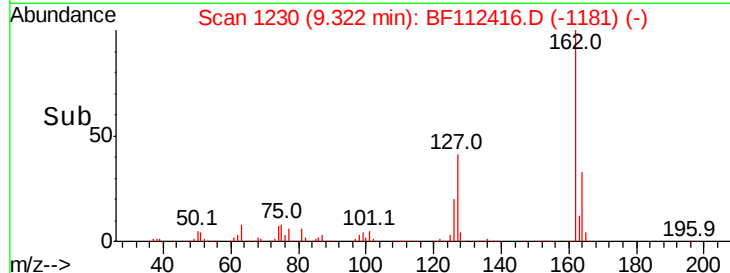
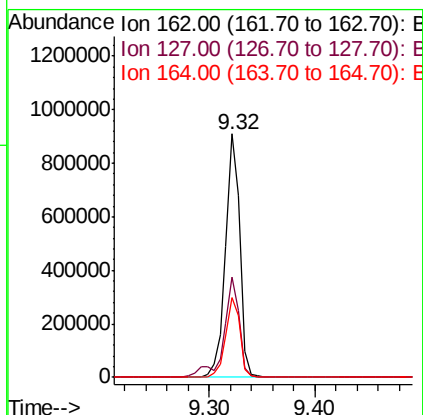
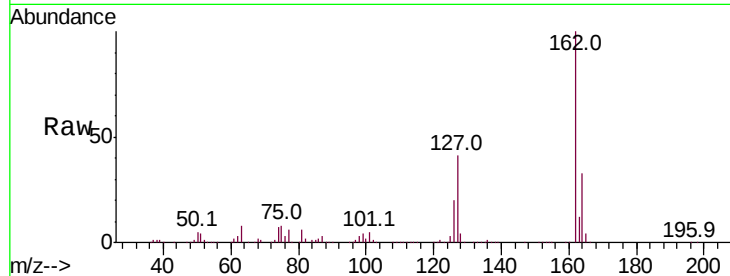




#47
2-Chloronaphthalene
Concen: 37.202 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

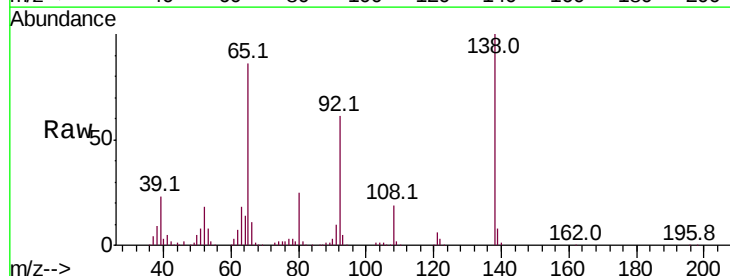
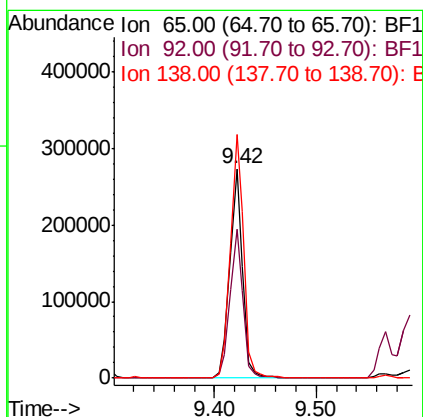
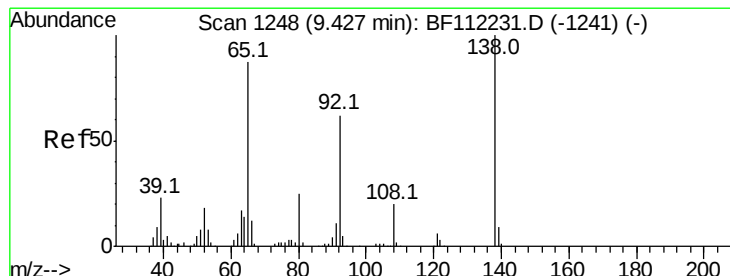
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

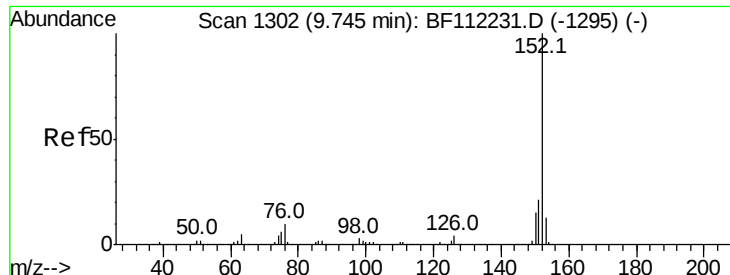
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.4	45.6
164	33.0	27.4	41.2



#48
2-Nitroaniline
Concen: 38.569 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	60.4	90.6
138	116.4	104.4	156.6





#49

Acenaphthylene

Concen: 37.252 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

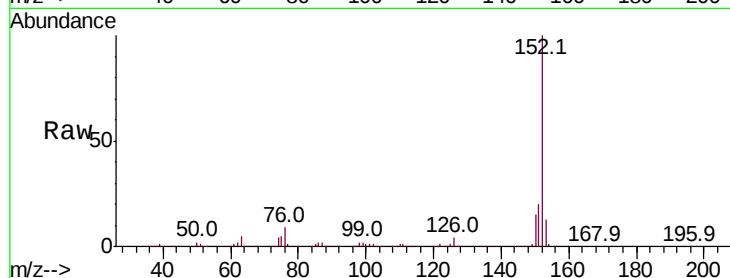
Tot Ion:152 Resp: 1259283

Ion Ratio Lower Upper

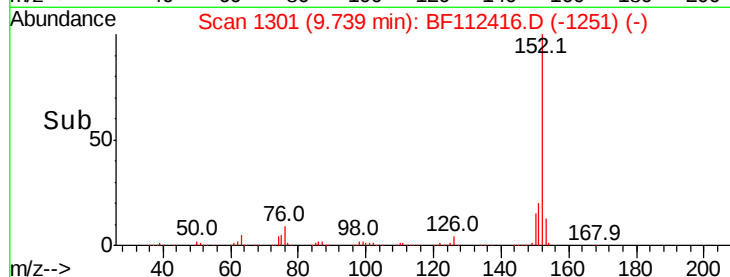
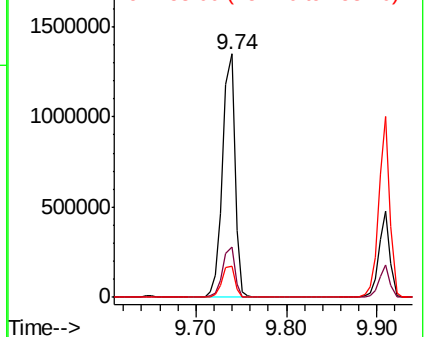
152 100

151 20.5 17.0 25.6

153 12.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.591 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

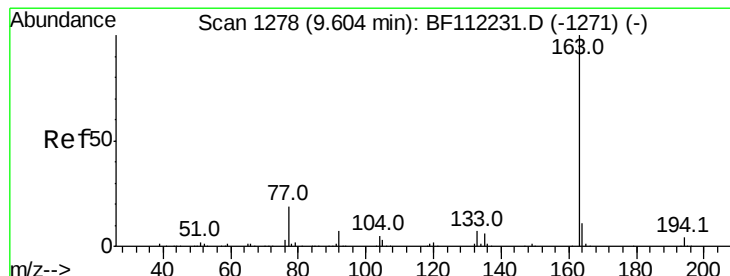
Tgt Ion:163 Resp: 993608

Ion Ratio Lower Upper

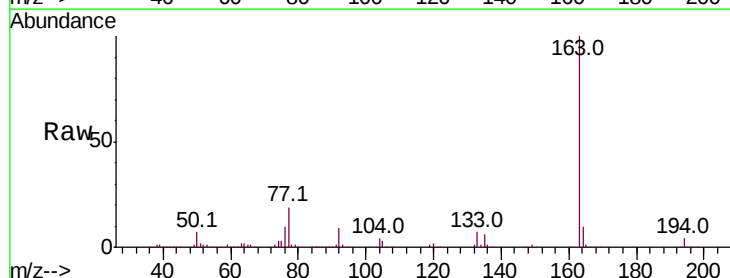
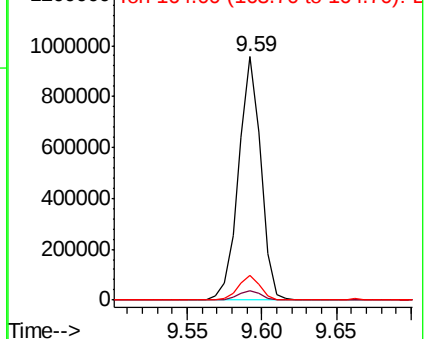
163 100

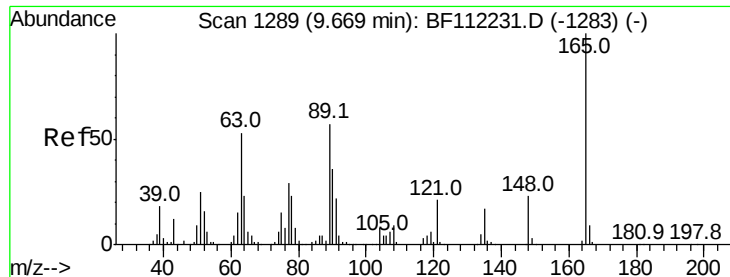
194 3.9 3.3 4.9

164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.761 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

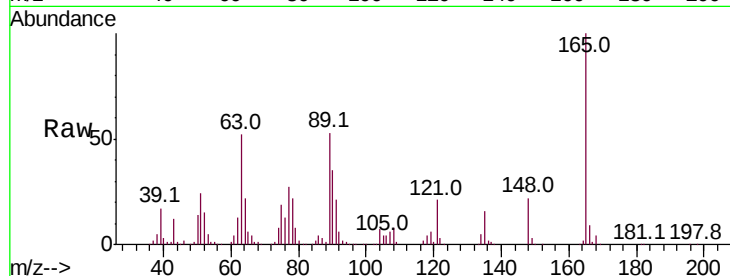
Tot Ion:165 Resp: 223538

Ion Ratio Lower Upper

165 100

63 51.7 33.8 50.8#

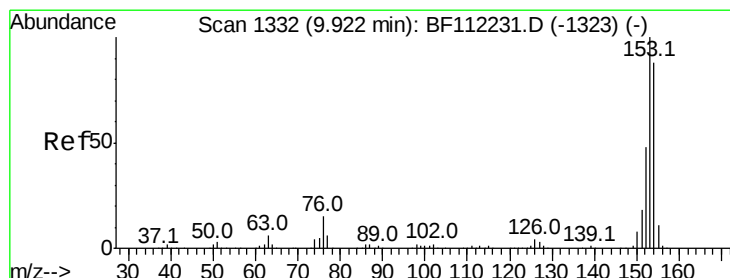
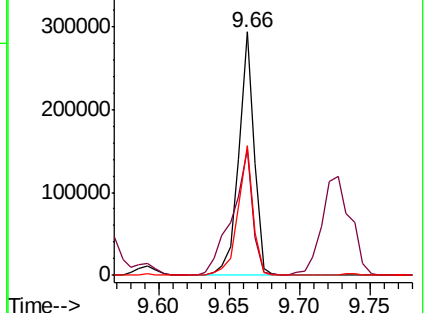
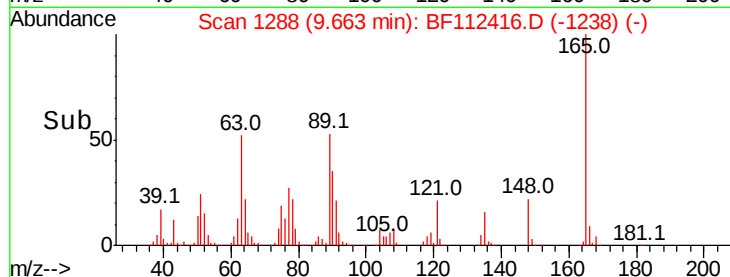
89 53.4 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.120 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

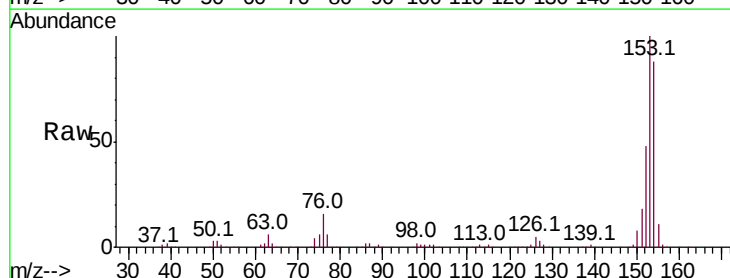
Tgt Ion:154 Resp: 749603

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

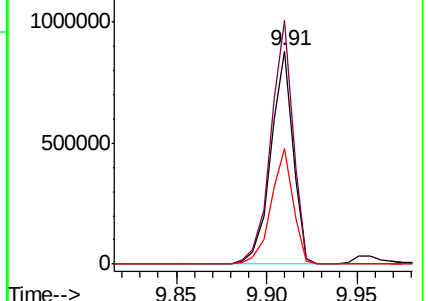
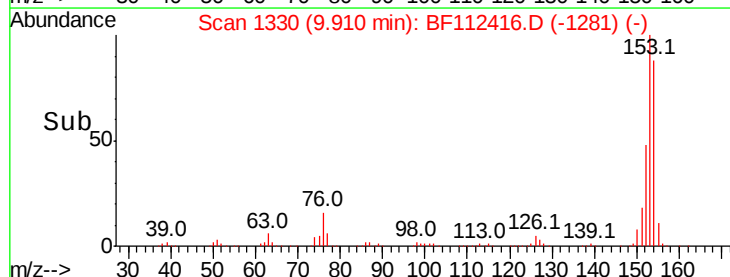
152 54.5 43.5 65.3

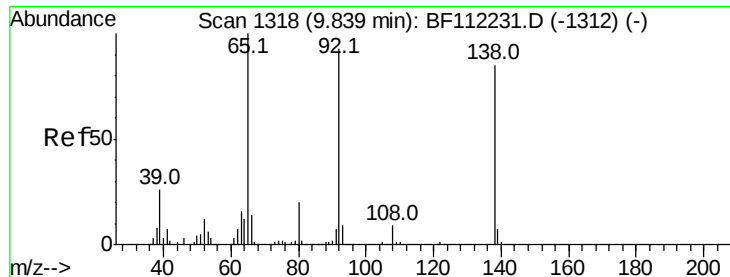


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

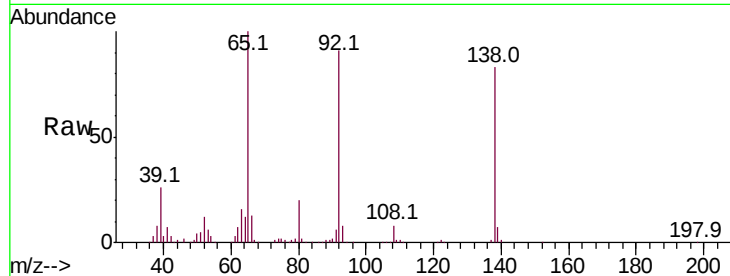




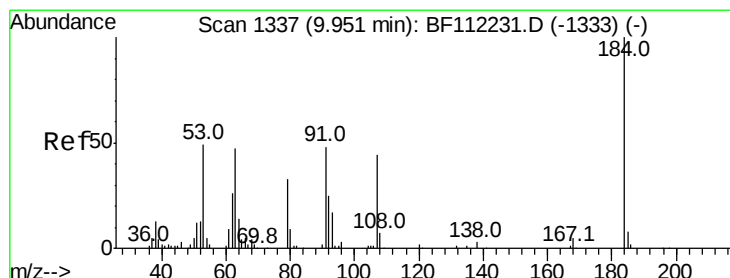
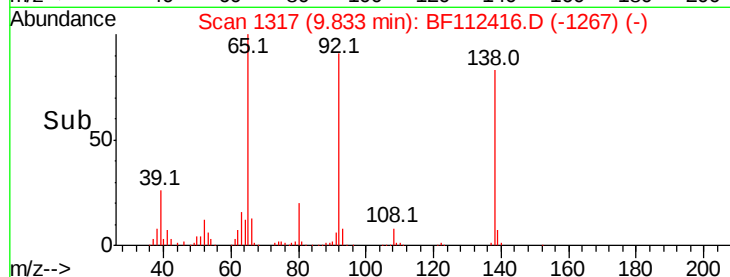
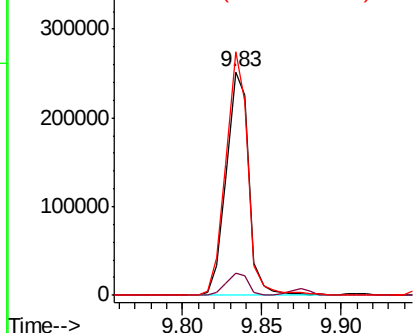
#53
3-Nitroaniline
Concen: 39.087 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 250676
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 108.9 79.4 119.2

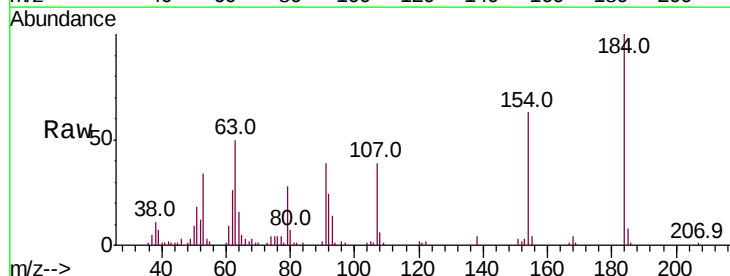


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

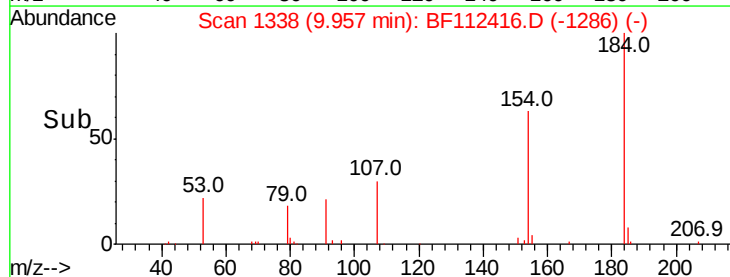
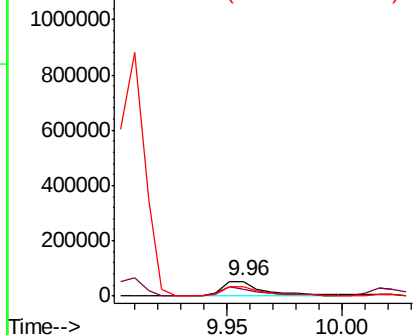


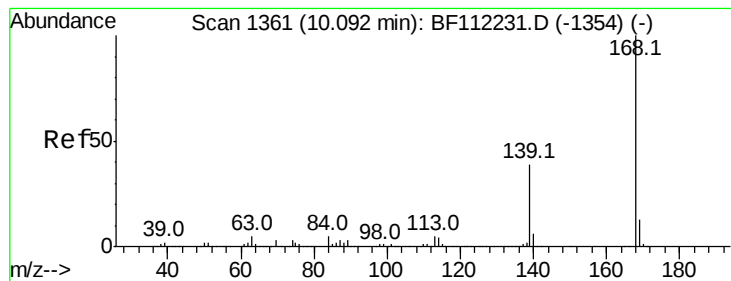
#54
2,4-Dinitrophenol
Concen: 35.646 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:184 Resp: 67721
Ion Ratio Lower Upper
184 100
63 49.6 47.1 70.7
154 62.6 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.751 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

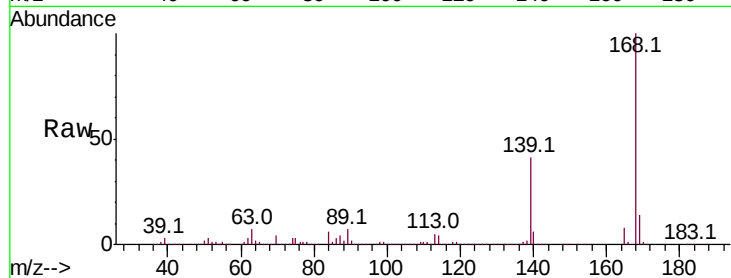
Tot Ion:168 Resp: 1134109

Ion Ratio Lower Upper

168 100

139 41.1 29.2 43.8

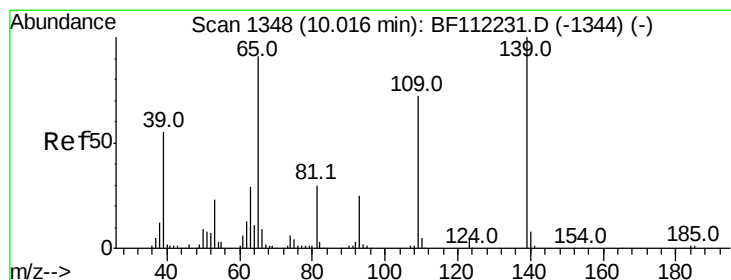
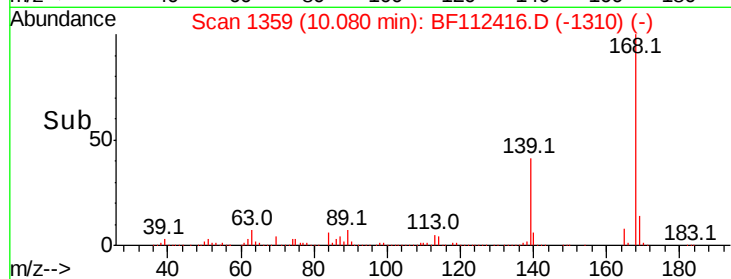
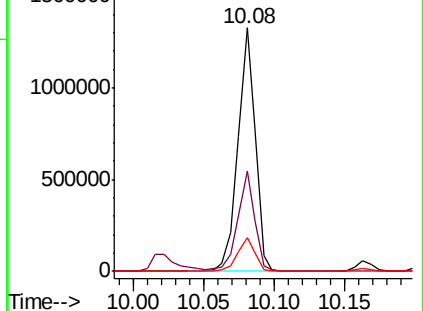
169 13.8 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.942 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

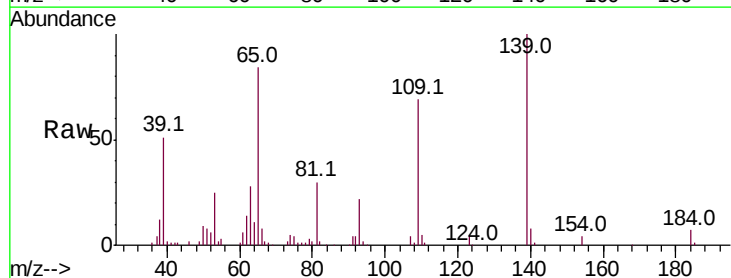
Tgt Ion:139 Resp: 118477

Ion Ratio Lower Upper

139 100

109 68.8 42.8 82.8

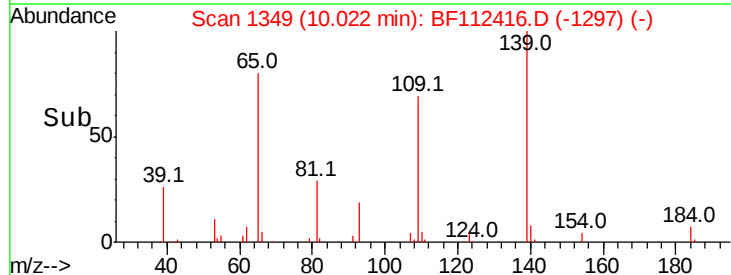
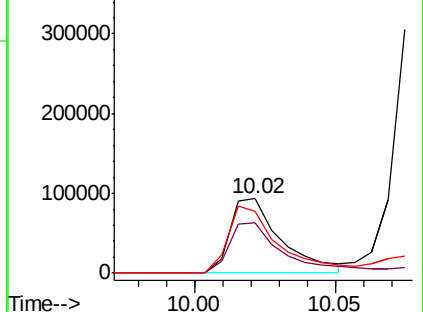
65 83.5 66.1 106.1

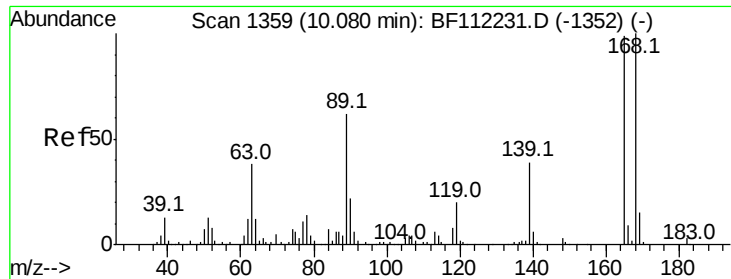


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

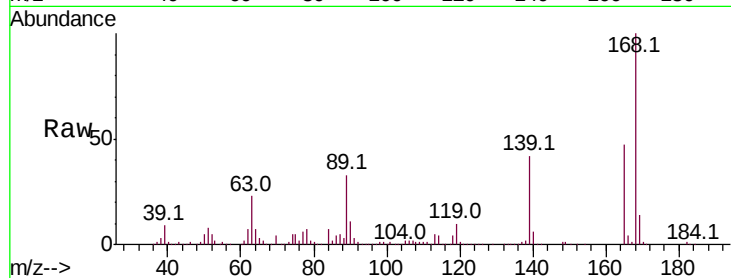




#57
2,4-Dinitrotoluene
Concen: 38.527 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	27.9	41.9#
89	69.5	47.9	71.9
182	2.7	2.2	3.4



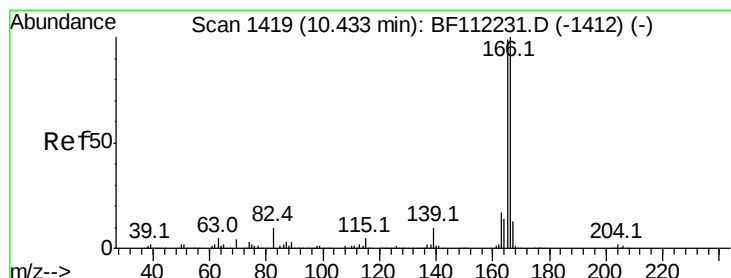
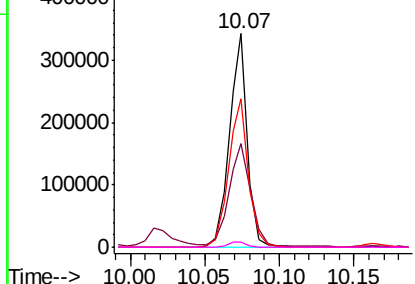
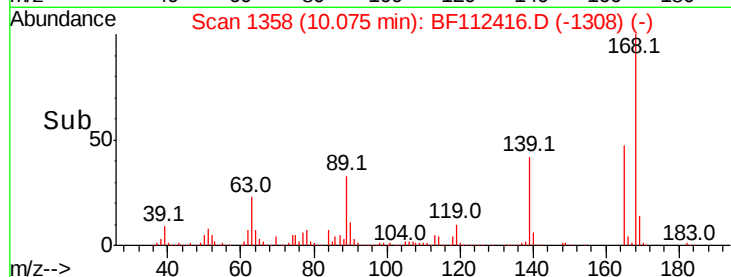
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

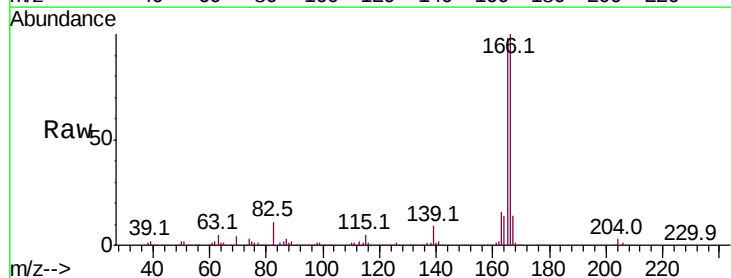
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.050 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.1	115.7
167	13.9	11.3	16.9

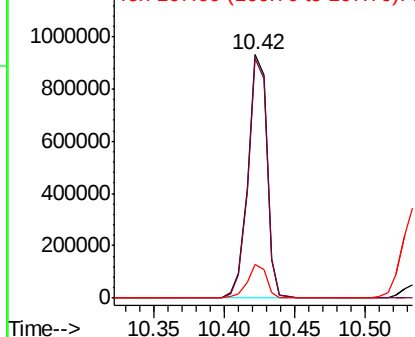
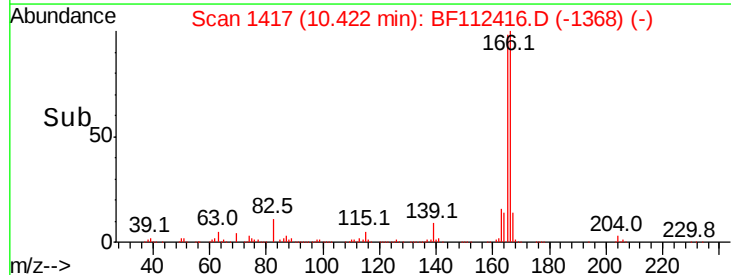


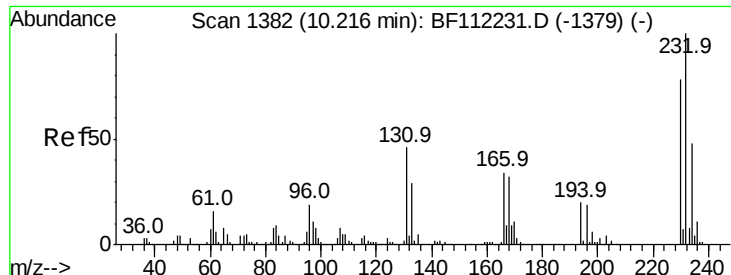
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

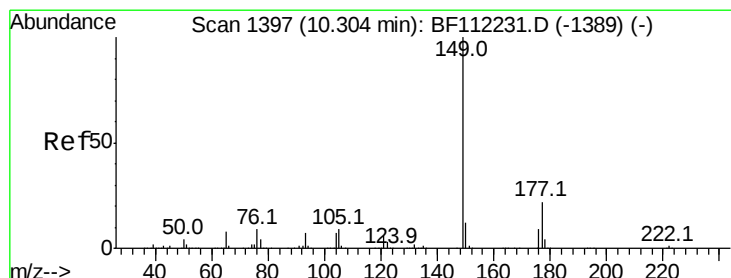
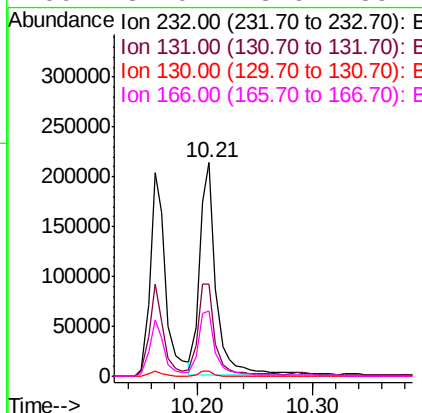
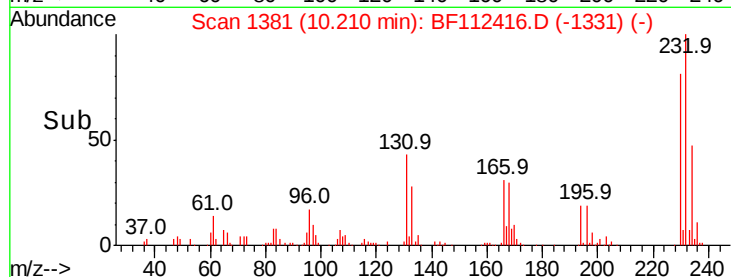
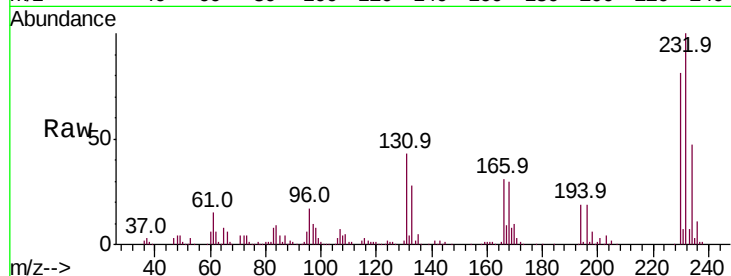




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.697 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

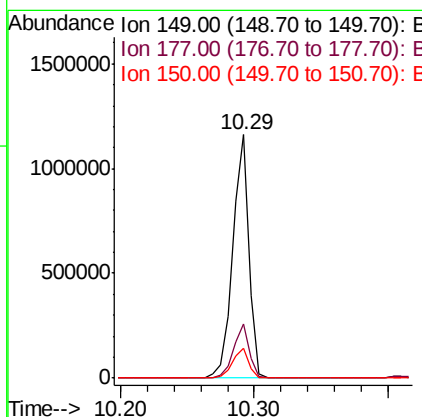
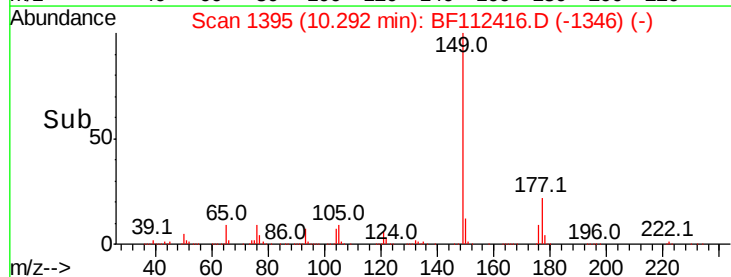
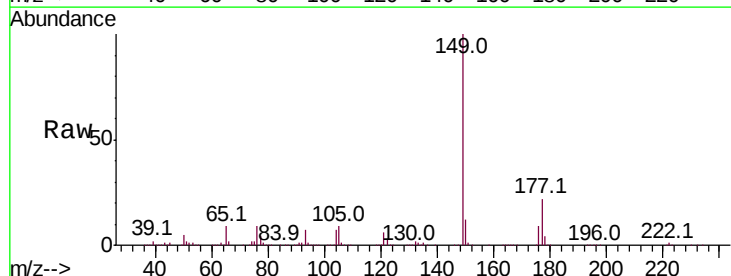
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

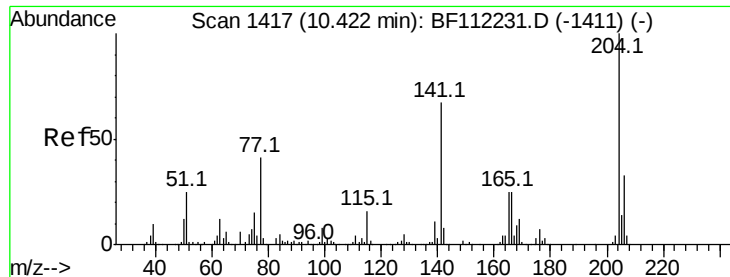
Tot Ion:	232	Resp:	215877
Ion	Ratio	Lower	Upper
232	100		
131	47.2	33.9	50.9
130	2.4	1.8	2.6
166	31.0	23.6	35.4



#60
 Diethylphthalate
 Concen: 37.809 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:	149	Resp:	991766
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.4	10.4	15.6

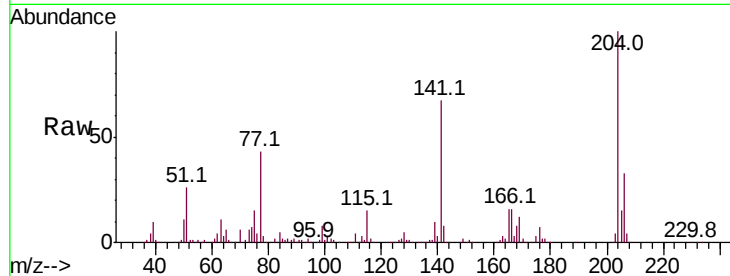




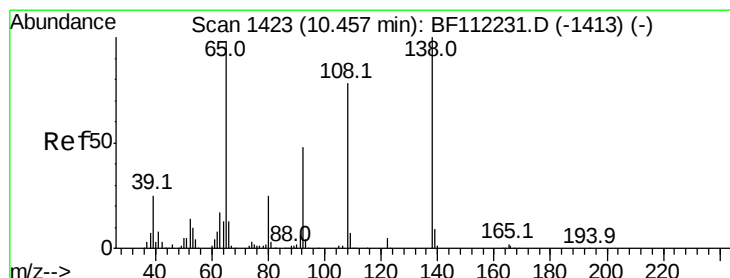
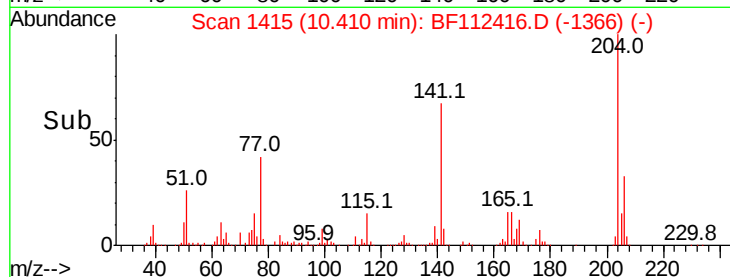
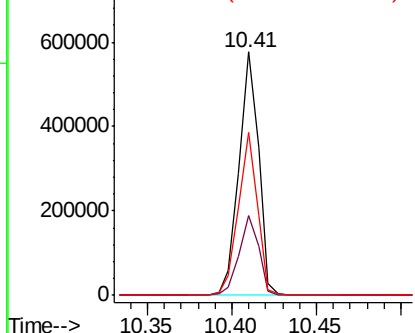
#61
4-Chlorophenyl-phenylether
Concen: 37.137 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 466513
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 67.1 45.9 68.9

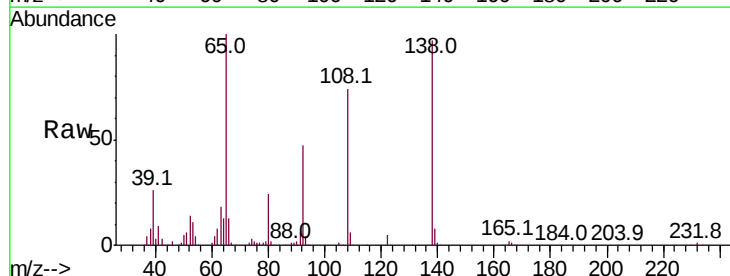


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

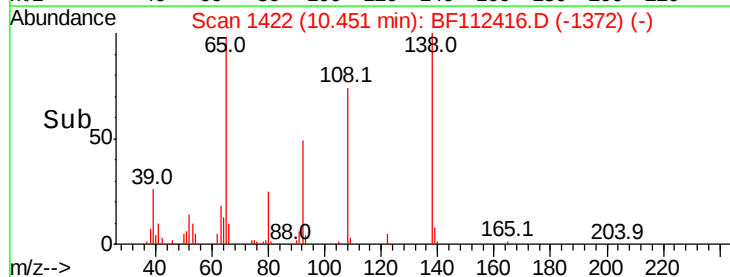
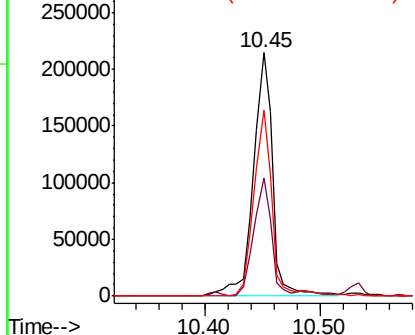


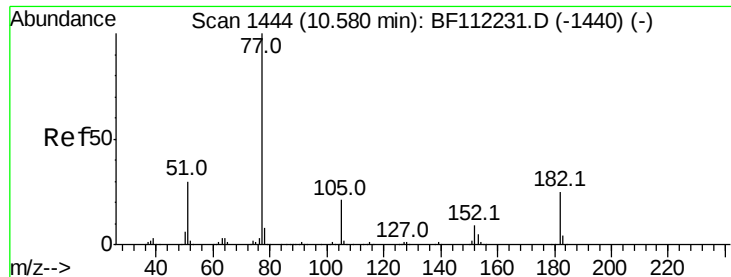
#62
4-Nitroaniline
Concen: 39.770 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:138 Resp: 250174
Ion Ratio Lower Upper
138 100
92 48.8 30.6 70.6
108 76.2 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.263 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 882707

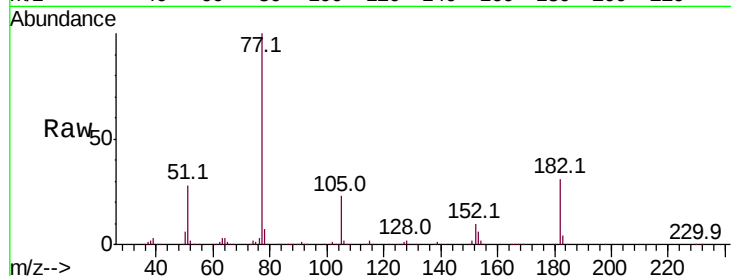
Ion Ratio Lower Upper

77 100

182 30.5 5.7 45.7

105 22.8 1.4 41.4

51 28.4 9.5 49.5

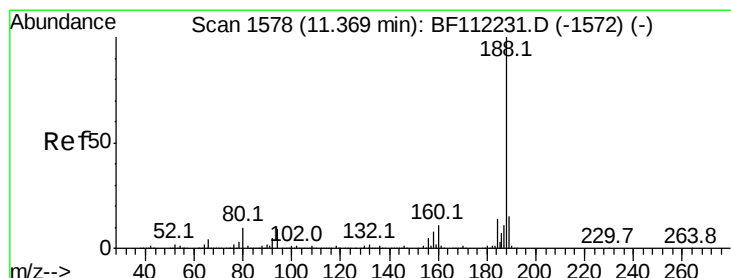
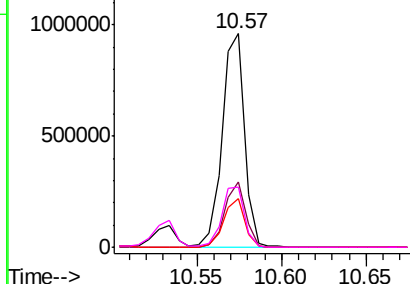
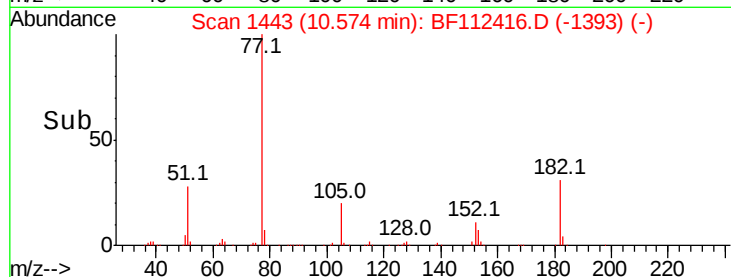


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

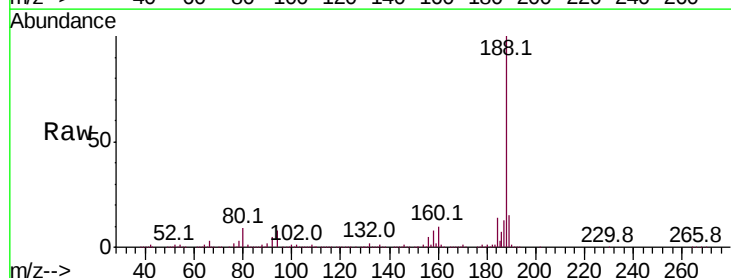
Tgt Ion: 188 Resp: 661628

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

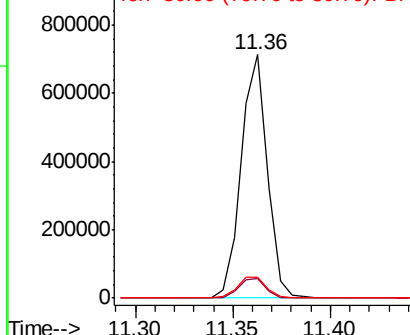
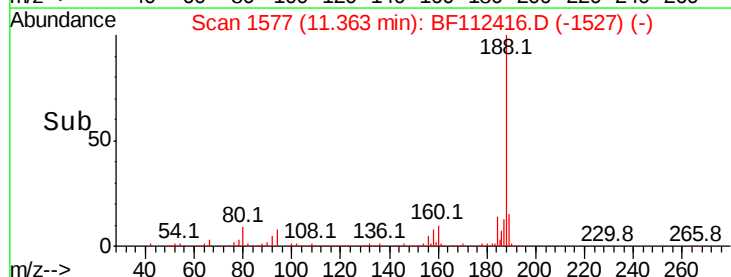
80 8.8 8.9 13.3#

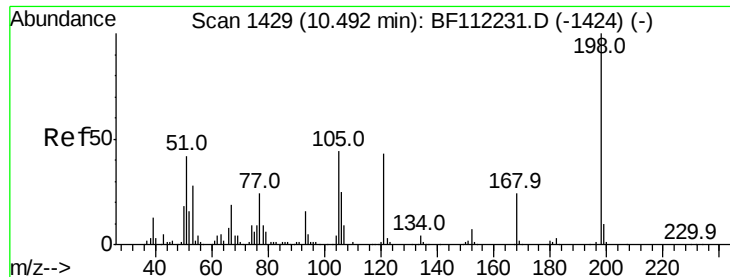


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.850 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

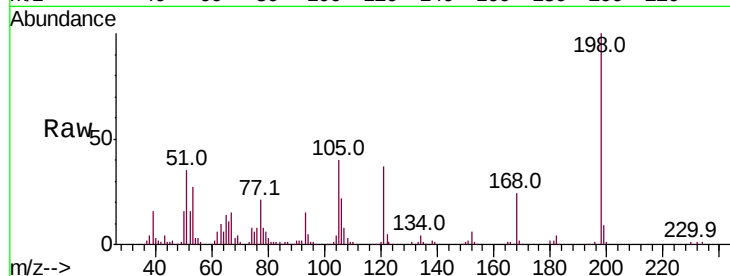
Tot Ion:198 Resp: 136696

Ion Ratio Lower Upper

198 100

51 35.2 17.2 57.2

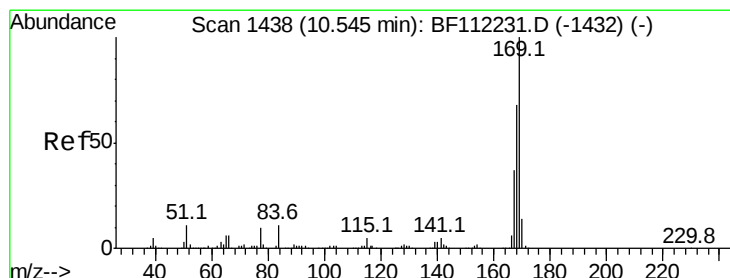
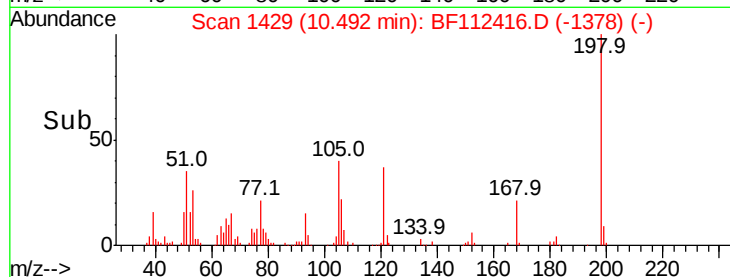
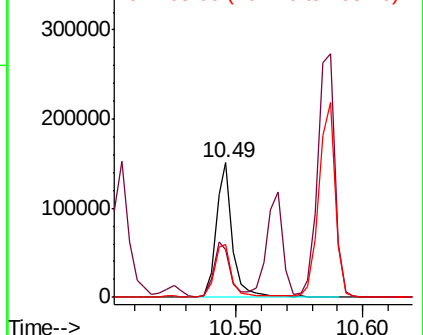
105 39.6 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.080 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

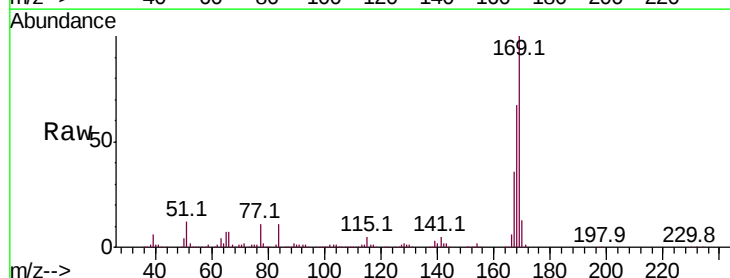
Tgt Ion:169 Resp: 849143

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

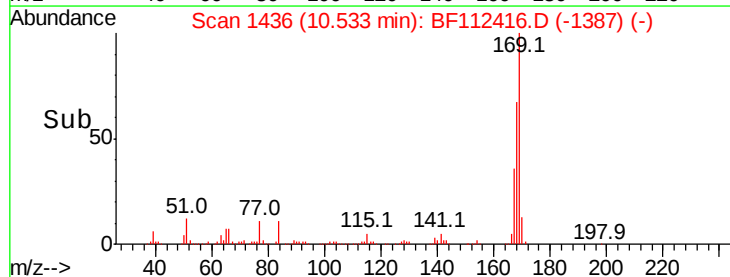
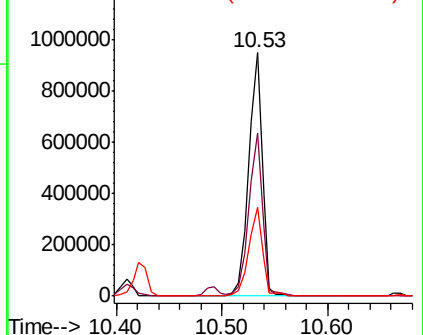
167 36.3 28.9 43.3

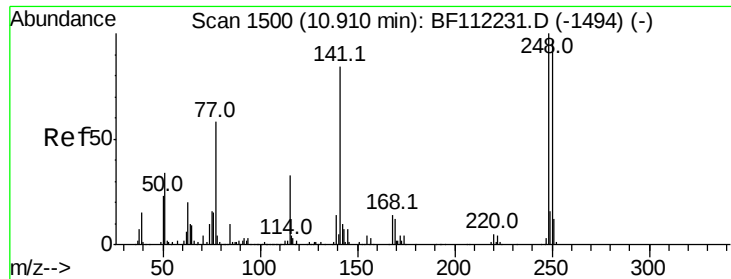


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

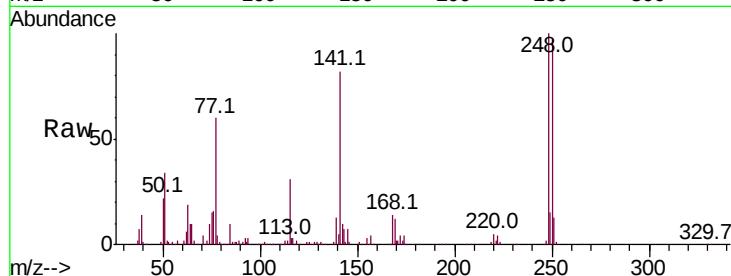




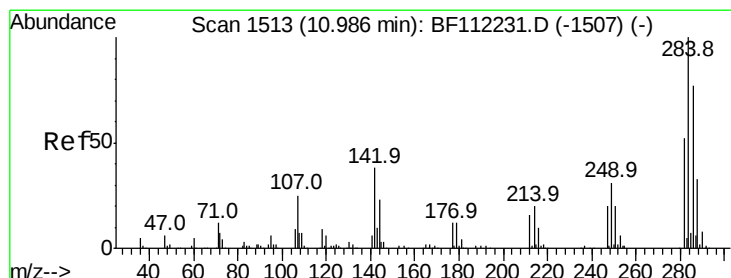
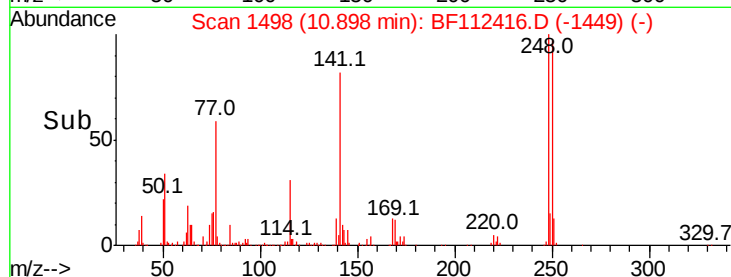
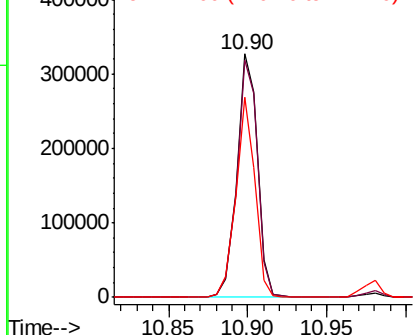
#67
4-Bromophenyl-phenylether
Concen: 37.748 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 293747
Ion Ratio Lower Upper
248 100
250 97.4 79.7 119.5
141 82.1 60.3 90.5

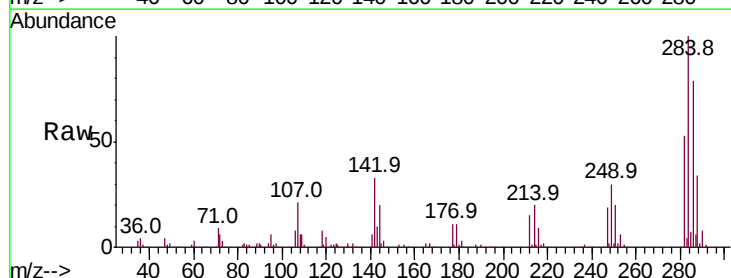


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

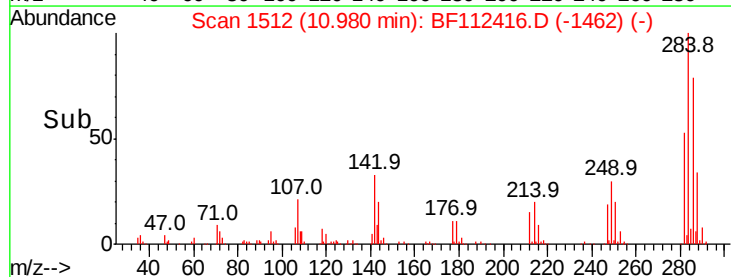
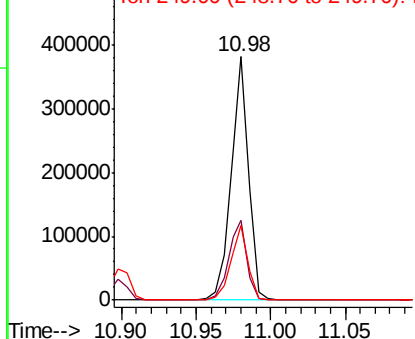


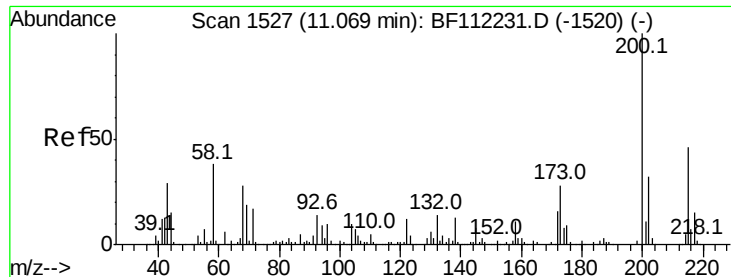
#68
Hexachlorobenzene
Concen: 37.685 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:284 Resp: 314624
Ion Ratio Lower Upper
284 100
142 32.8 27.6 41.4
249 30.5 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

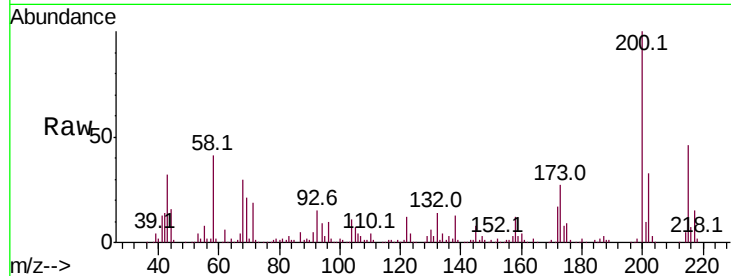




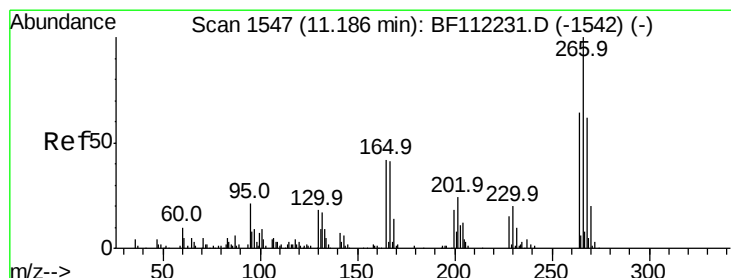
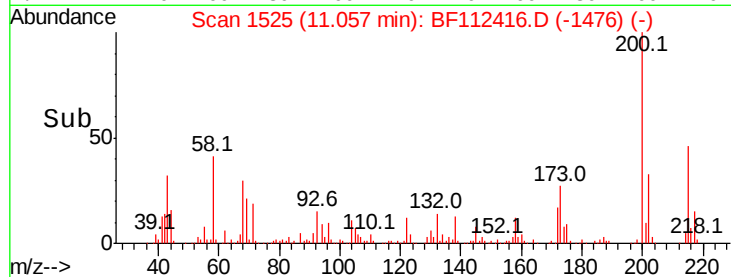
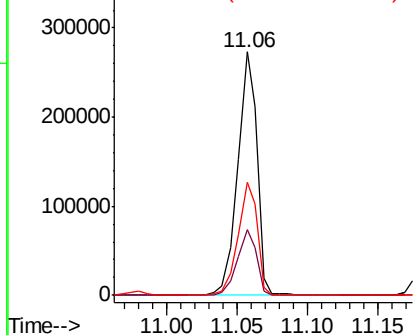
#69
 Atrazine
 Concen: 35.893 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.1	47.1
215	46.4	30.4	70.4

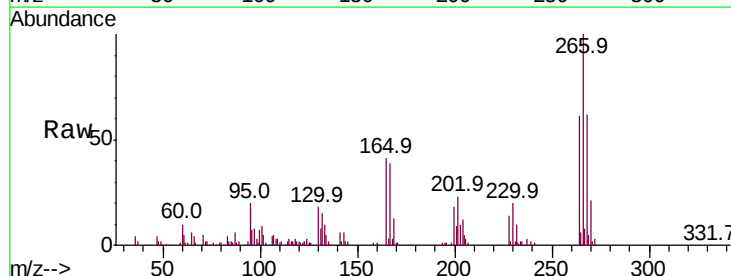


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

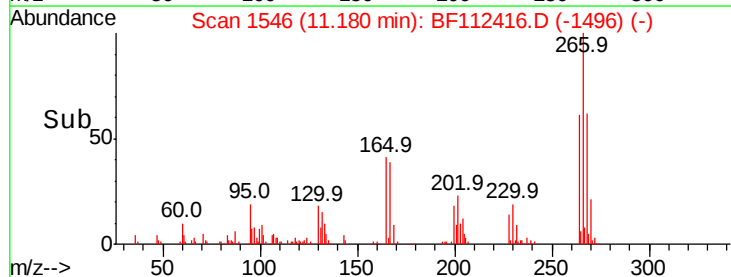
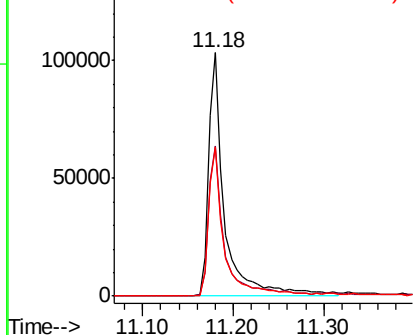


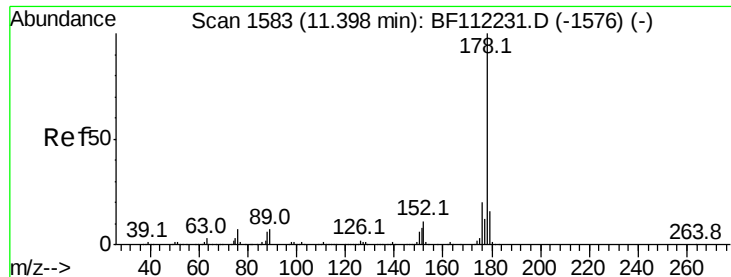
#70
 Pentachlorophenol
 Concen: 39.711 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.2	76.8
264	61.0	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

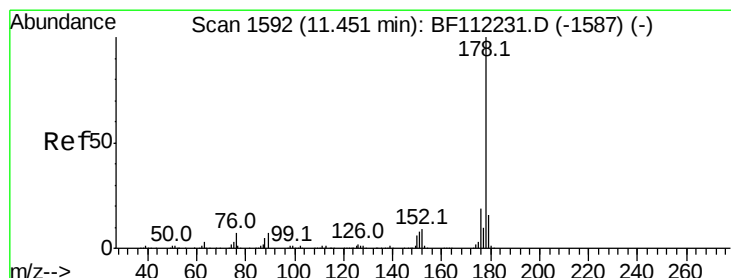
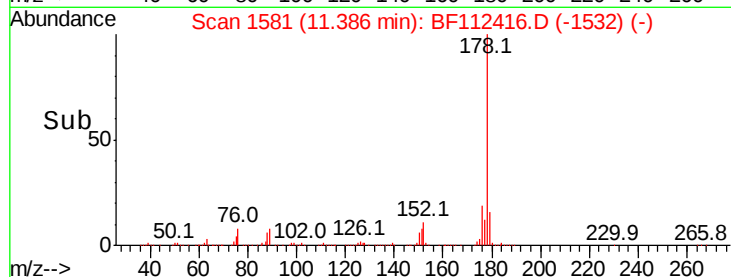
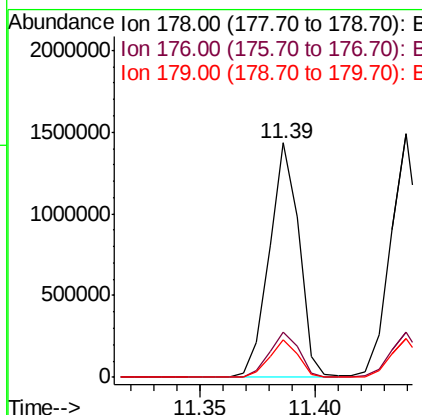
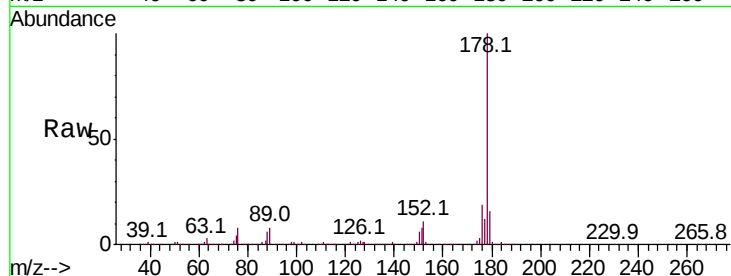




#71
Phenanthrene
Concen: 37.194 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

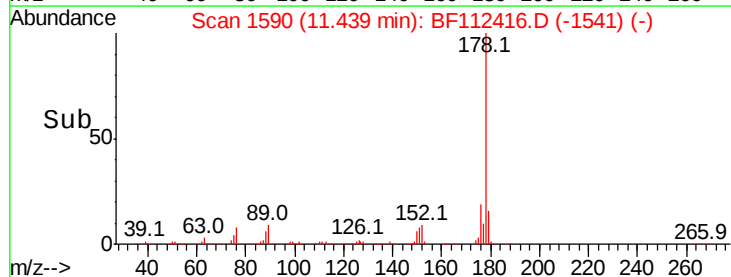
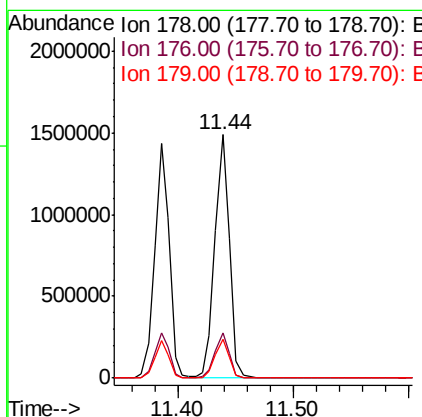
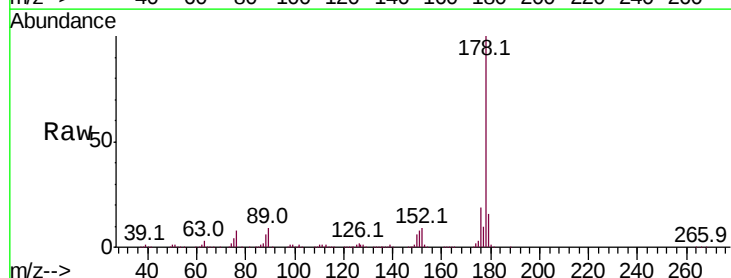
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

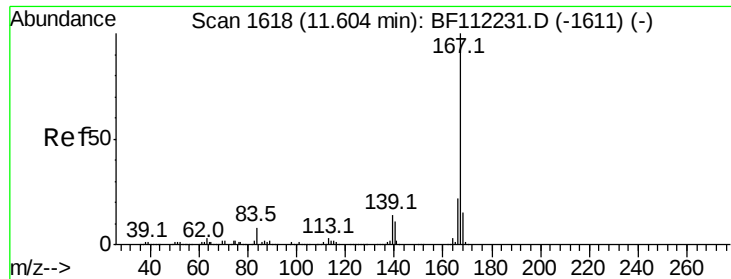
Tot Ion:178 Resp: 1279370
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.8 13.0 19.4



#72
Anthracene
Concen: 38.170 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:178 Resp: 1307846
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.0 12.8 19.2



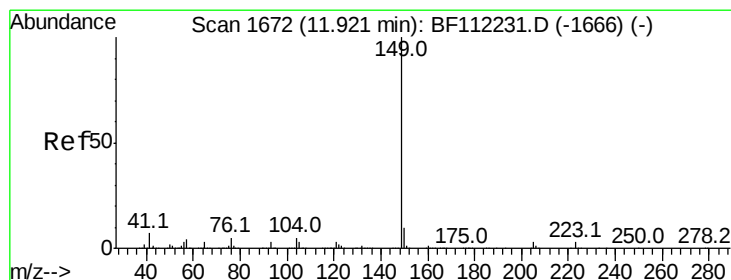
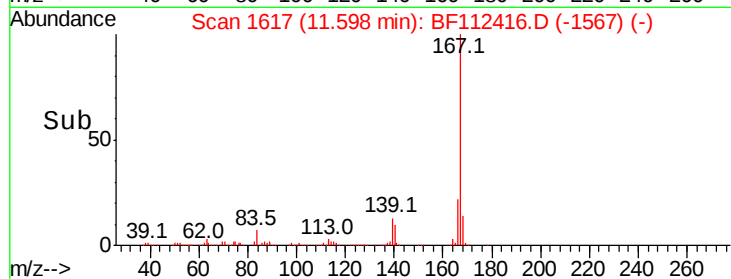
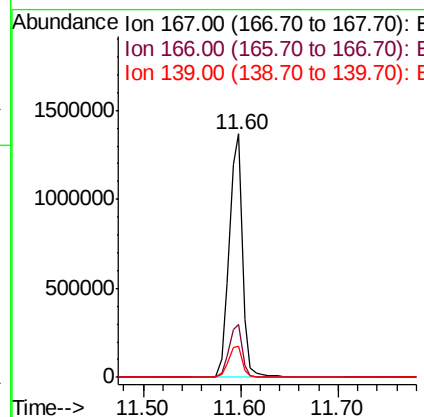
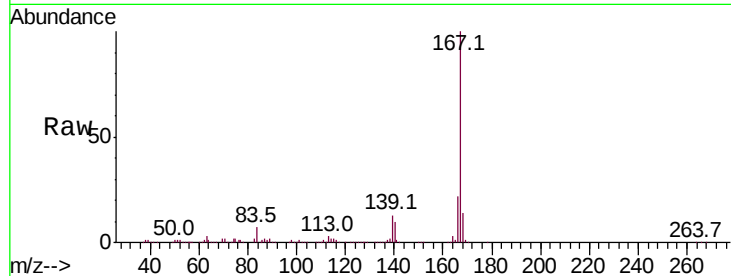


#73
 Carbazole
 Concen: 38.379 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1297146

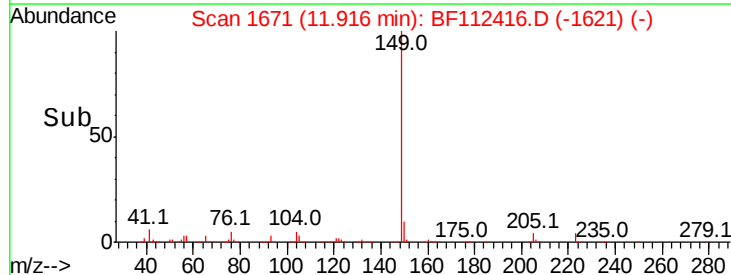
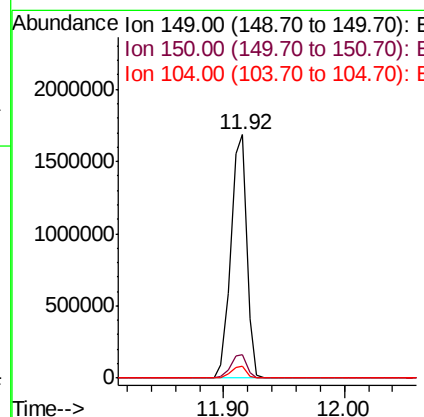
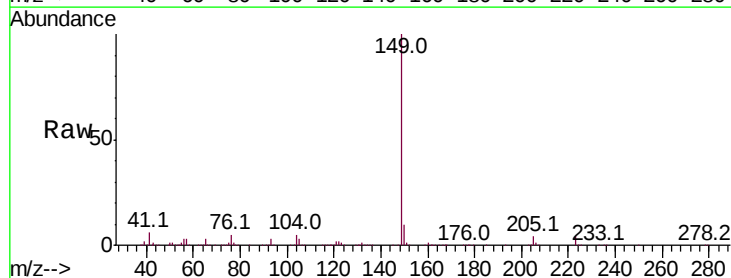
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	13.0	10.2	15.2

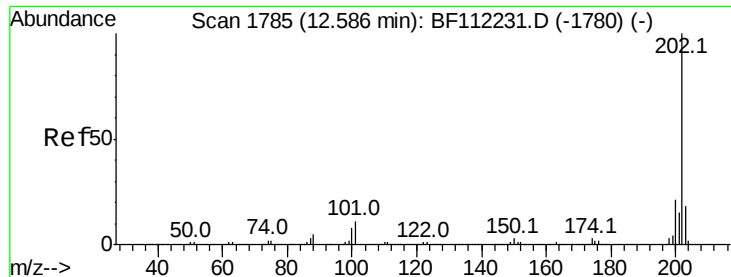


#74
 Di-n-butylphthalate
 Concen: 36.775 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:149 Resp: 1542796

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	3.9	5.9

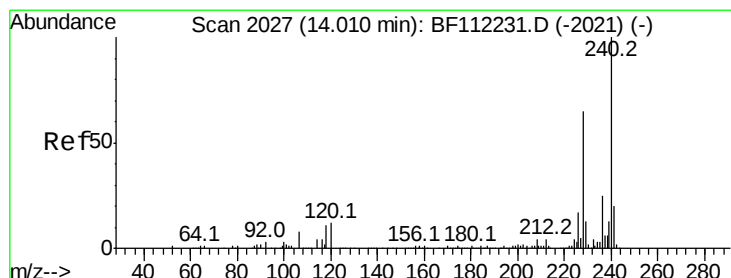
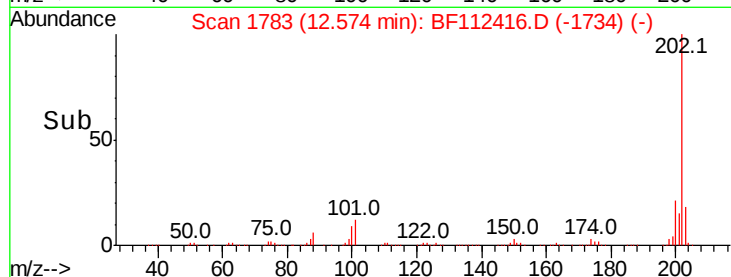
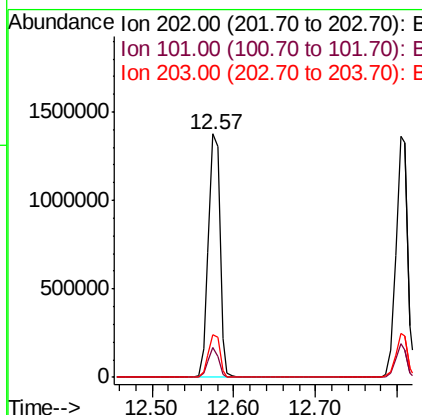
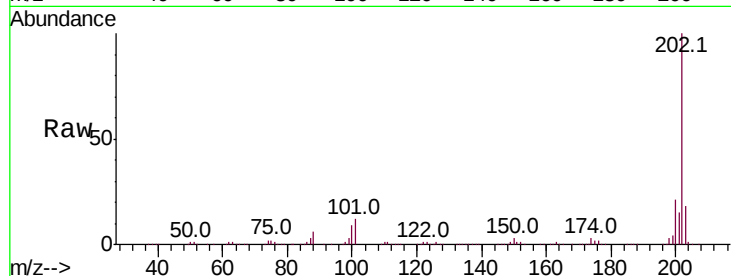




#75
 Fluoranthene
 Concen: 36.592 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

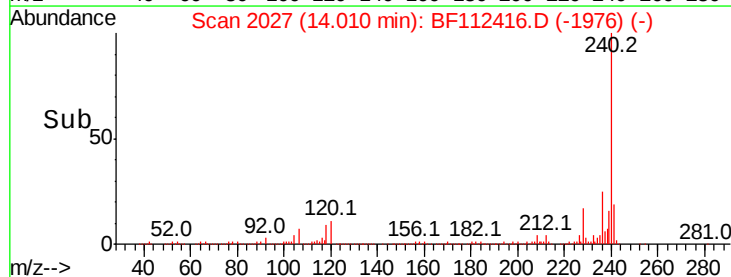
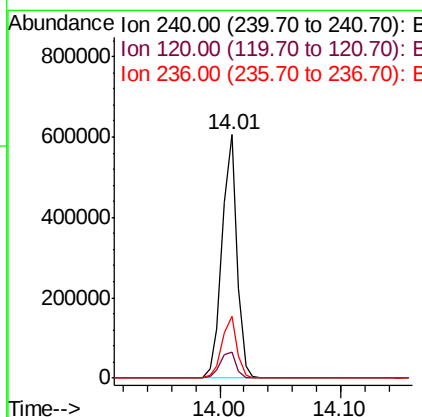
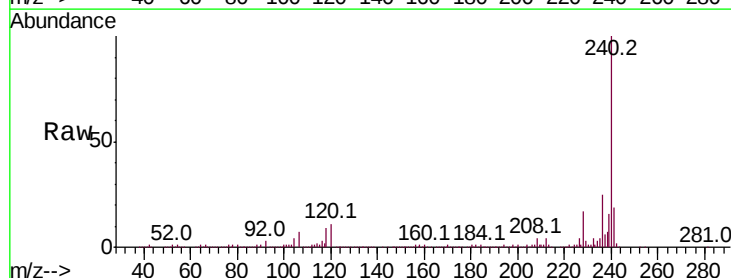
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

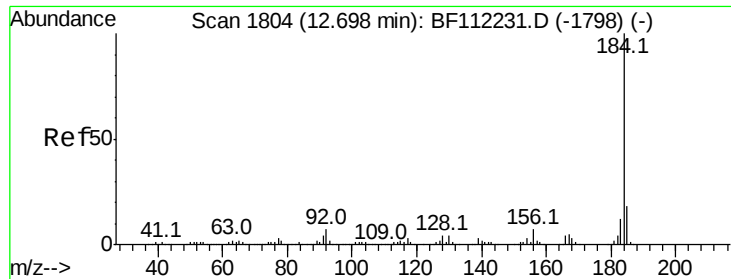
Tot Ion:202 Resp: 1349994
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.8
 203 17.7 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:240 Resp: 514656
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.6
 236 25.3 20.7 31.1

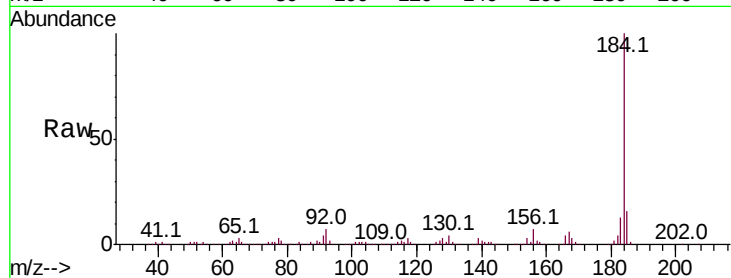




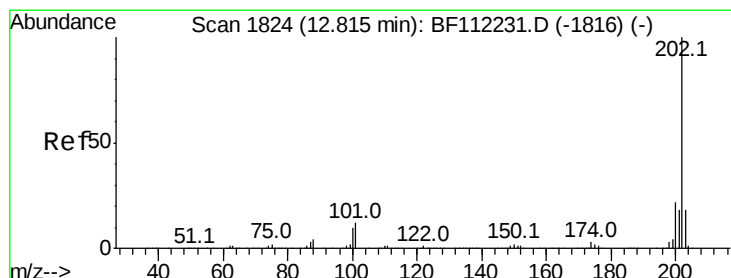
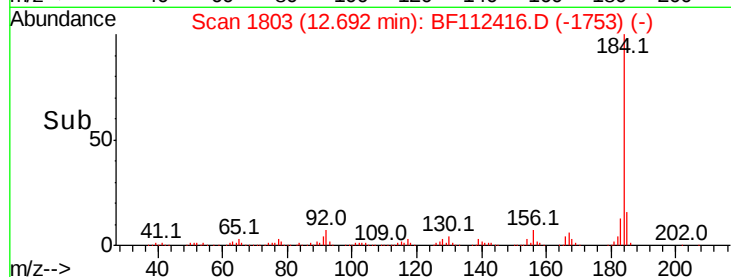
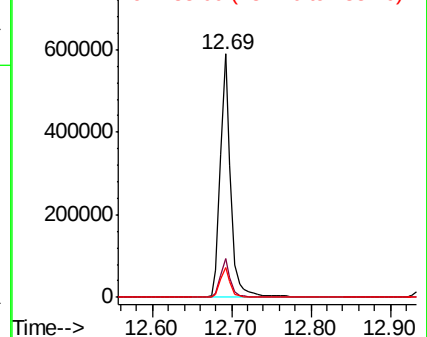
#77
Benzidine
Concen: 38.157 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 540493
Ion Ratio Lower Upper
184 100
185 16.0 13.9 20.9
183 12.5 10.0 15.0

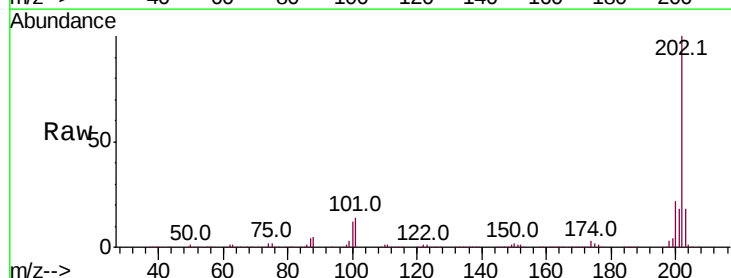


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

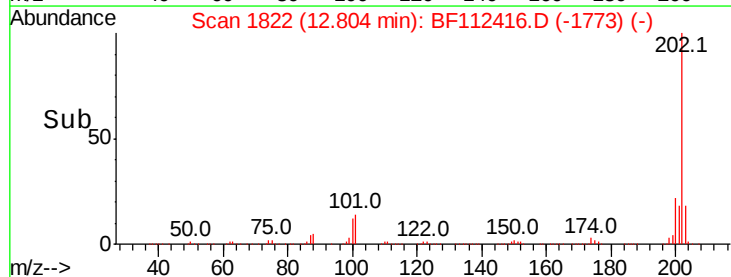
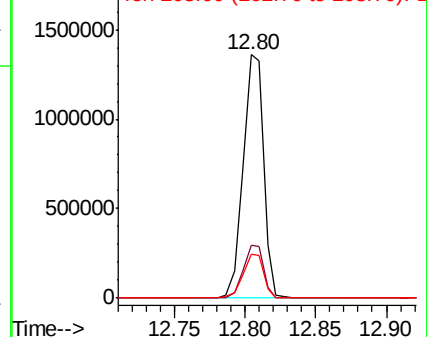


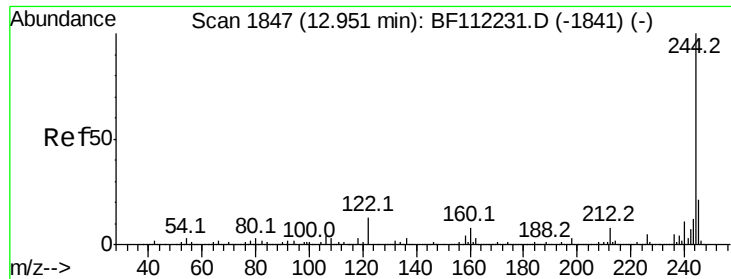
#78
Pyrene
Concen: 38.423 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:202 Resp: 1369067
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.0 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

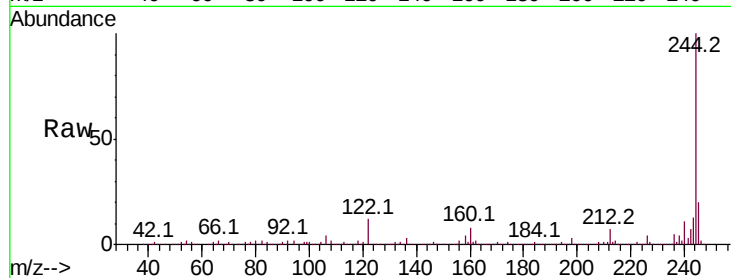




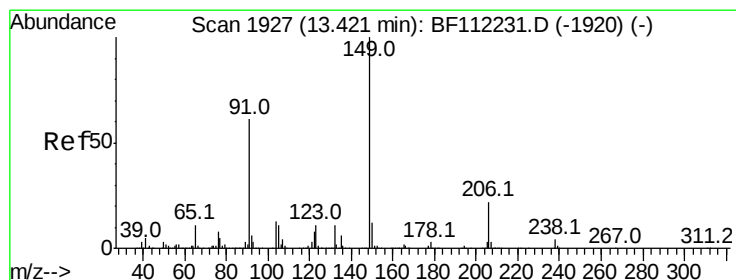
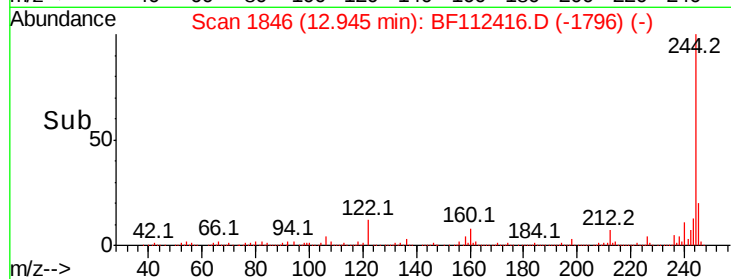
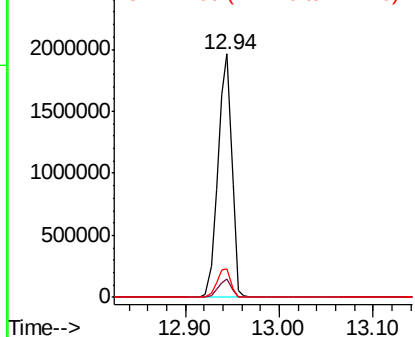
#79
 Terphenyl-d14
 Concen: 74.205 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2027673
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.7 9.8 14.6

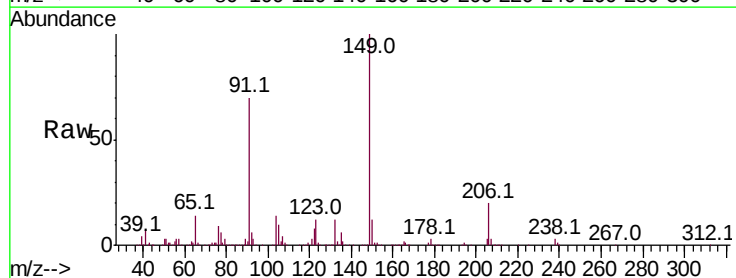


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

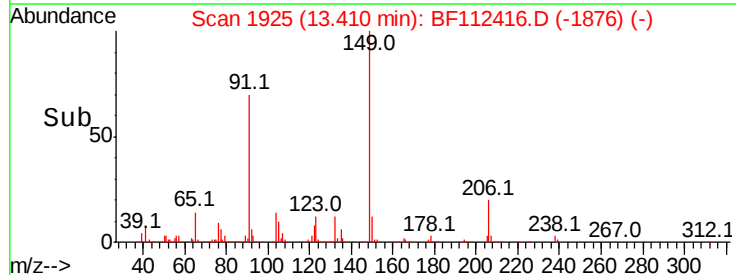
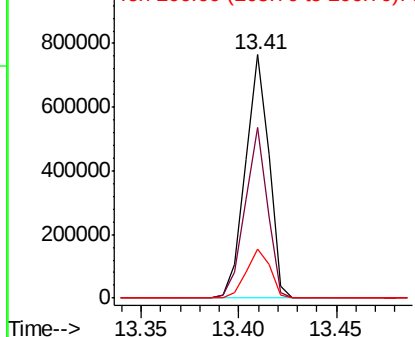


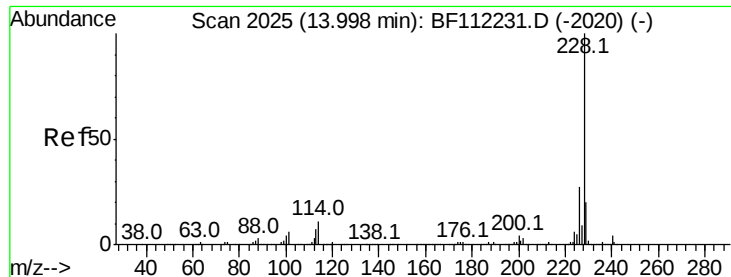
#80
 Butylbenzylphthalate
 Concen: 37.121 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112416.D
 Acq: 6 Feb 2019 13:17

Tgt Ion:149 Resp: 639937
 Ion Ratio Lower Upper
 149 100
 91 70.0 50.3 75.5
 206 20.1 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.294 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

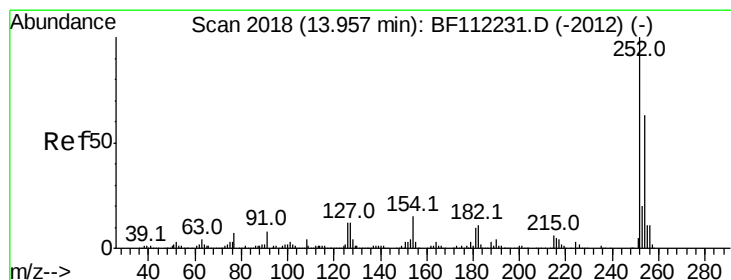
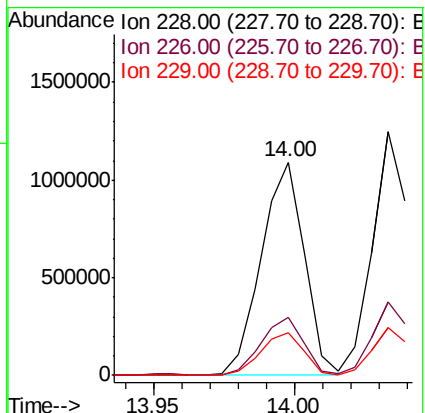
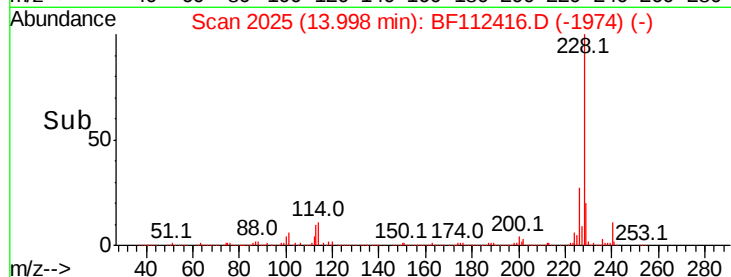
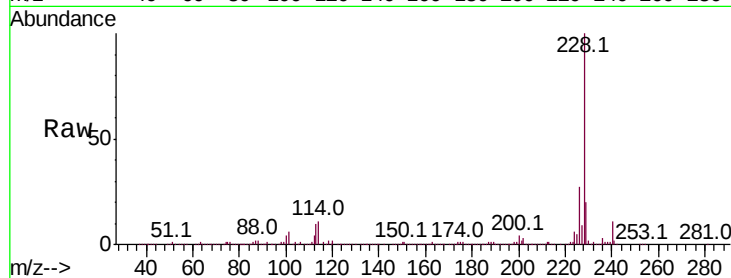
Tot Ion:228 Resp: 1158553

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.0	16.5	24.7

228 100

226 27.3 22.6 34.0

229 20.0 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 38.169 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

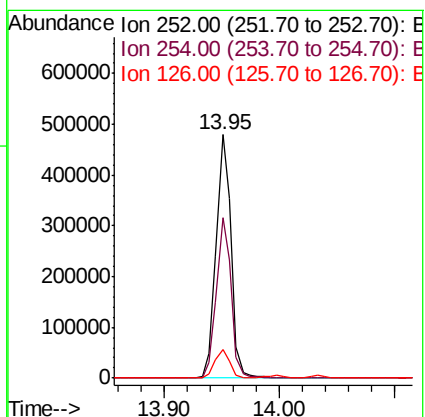
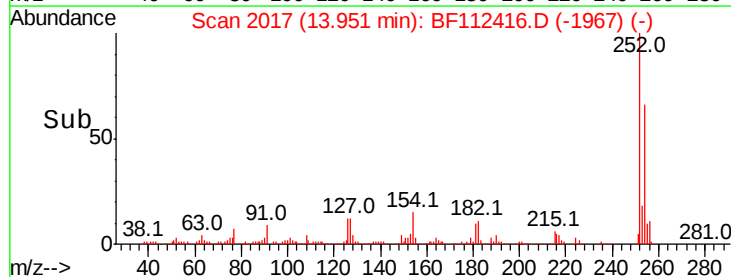
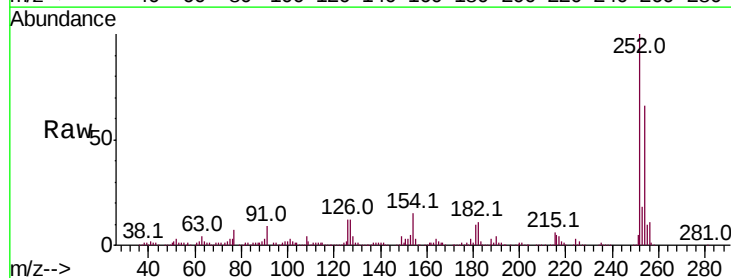
Tgt Ion:252 Resp: 432165

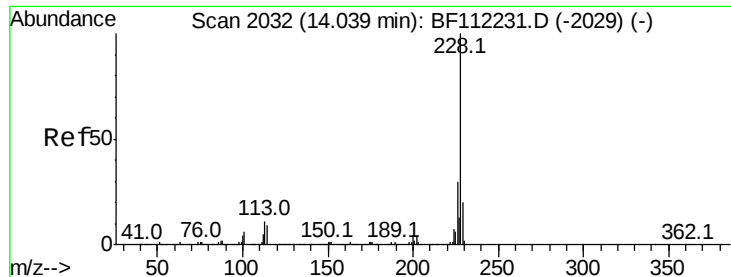
Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.6	77.4
126	11.8	8.6	12.8

252 100

254 65.8 51.6 77.4

126 11.8 8.6 12.8





#83

Chrysene

Concen: 37.450 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

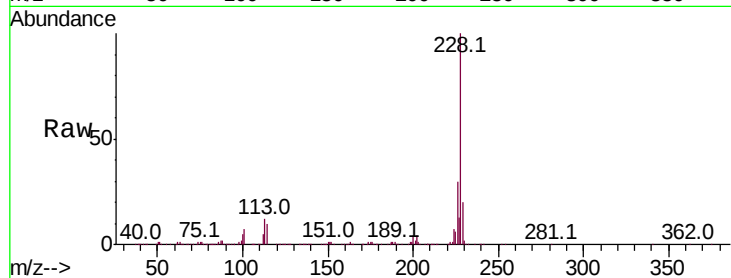
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1081537

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.7	16.6	24.8

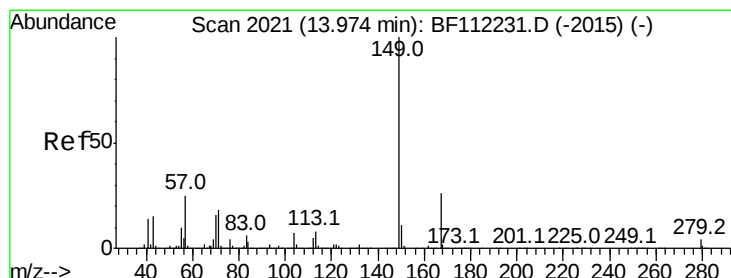
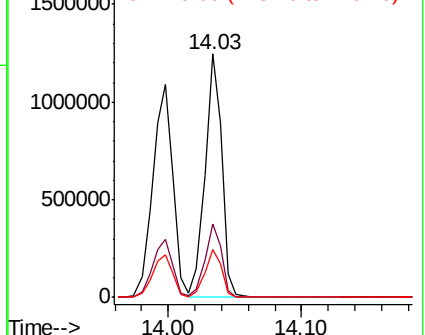
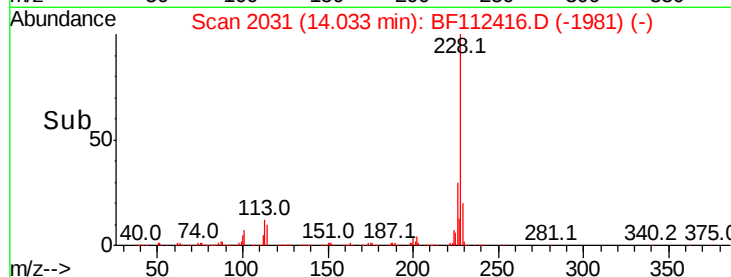


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.070 ng

RT: 13.97 min Scan# 2020

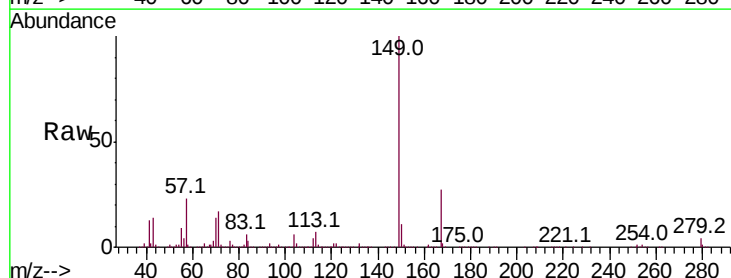
Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Tgt Ion:149 Resp: 882674

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	4.2	3.8	5.6

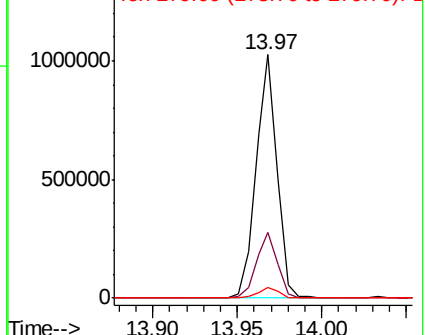
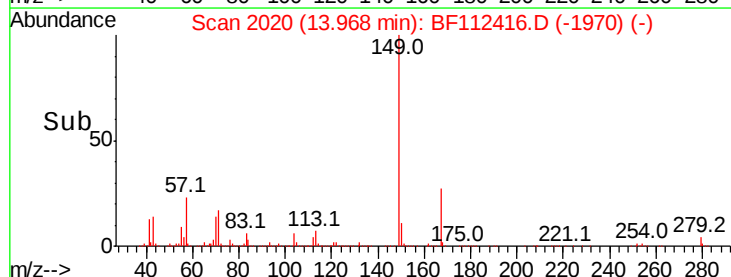


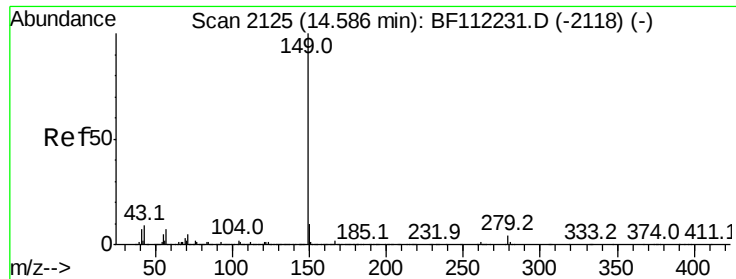
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

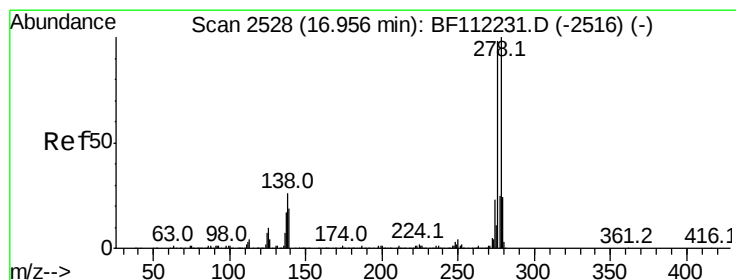
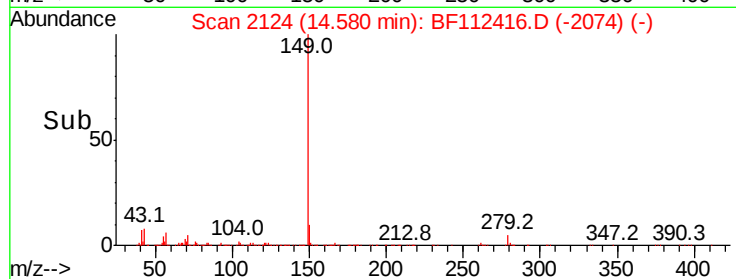
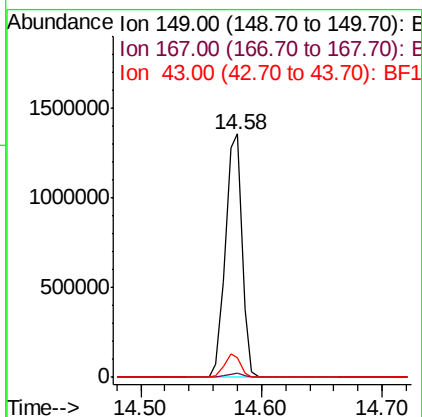
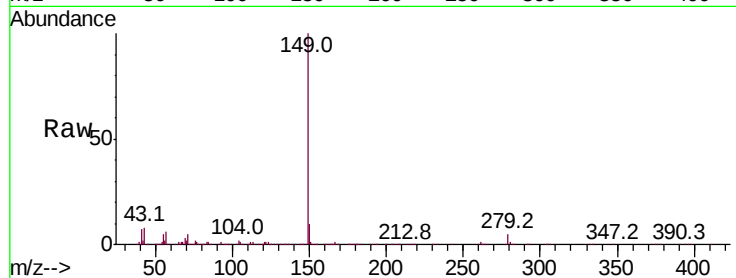




#85
Di-n-octyl phthalate
Concen: 34.464 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

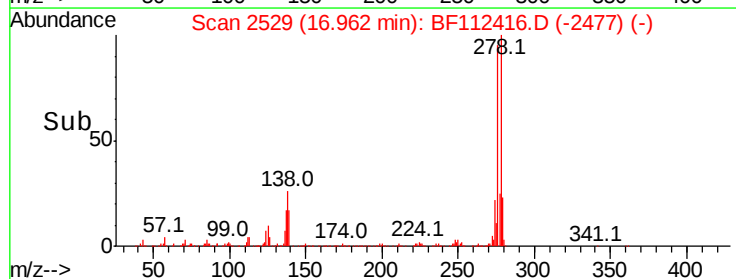
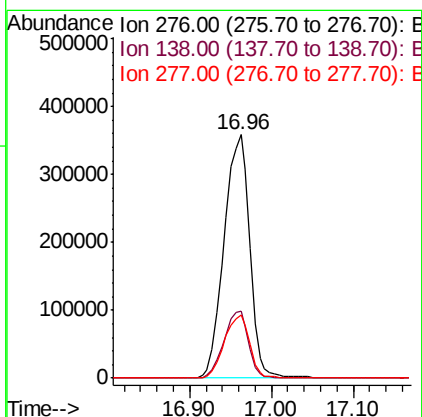
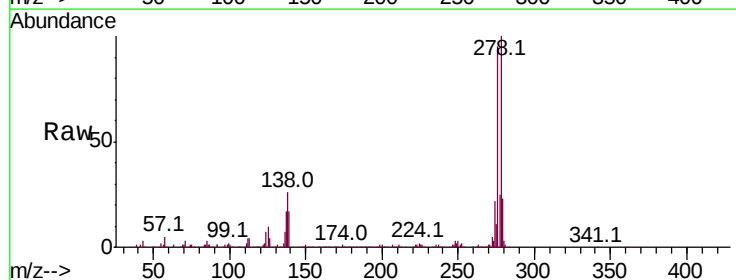
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

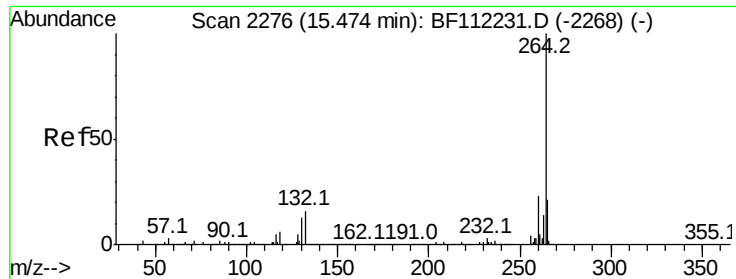
Tot Ion:149 Resp: 1297560
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.338 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:276 Resp: 785770
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

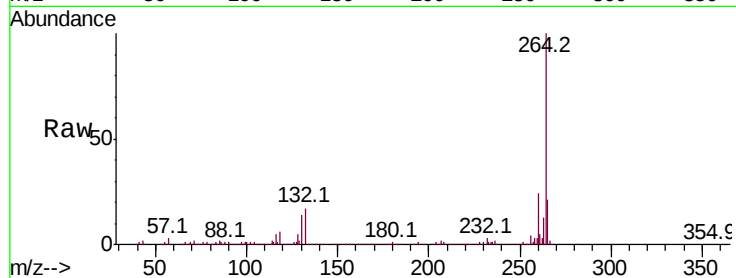
Tot Ion:264 Resp: 405493

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

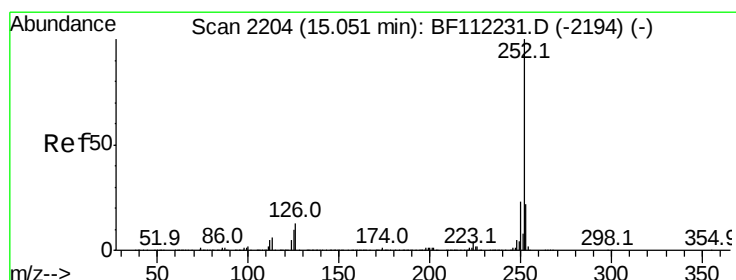
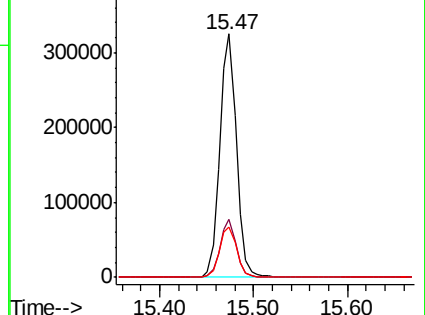
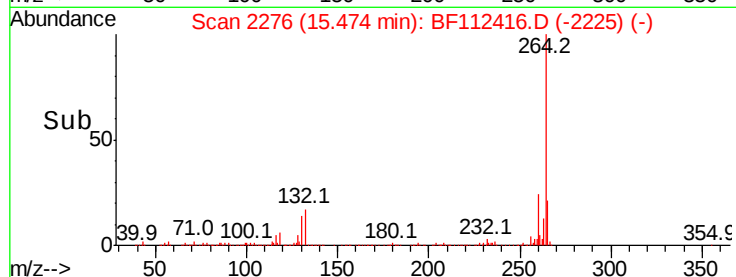
265 20.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.044 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

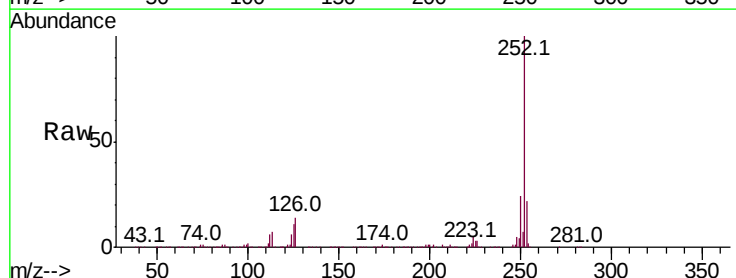
Tgt Ion:252 Resp: 971092

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

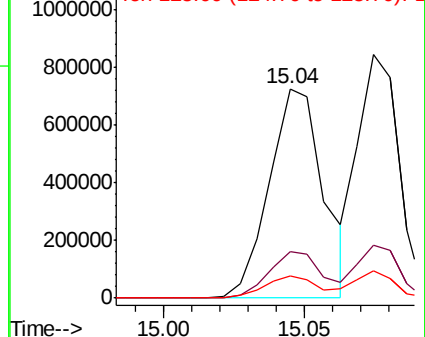
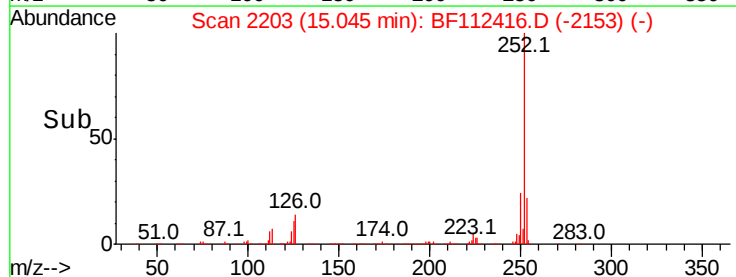
125 10.7 8.7 13.1

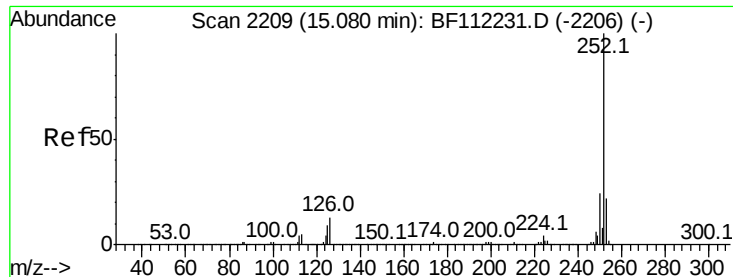


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.240 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

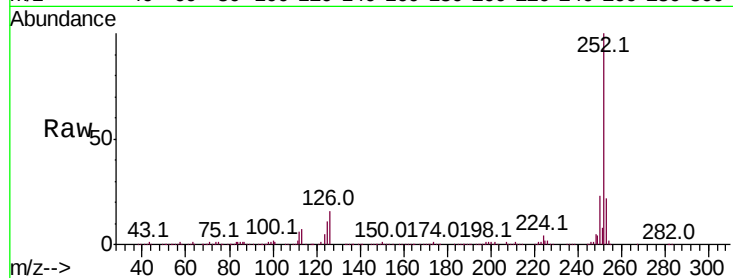
Tot Ion:252 Resp: 865025

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

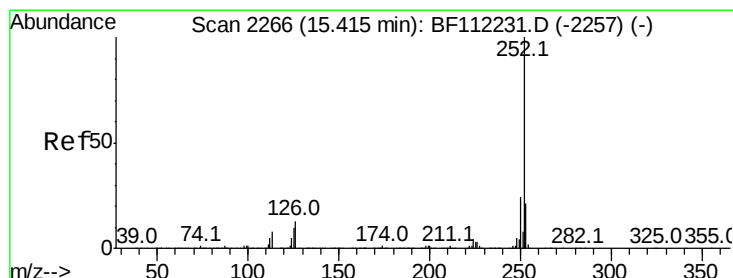
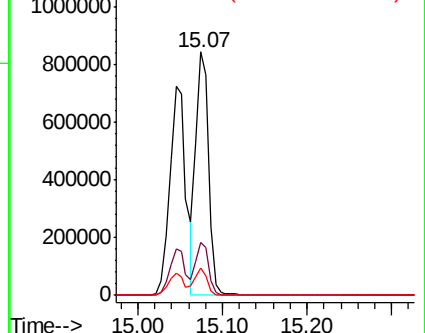
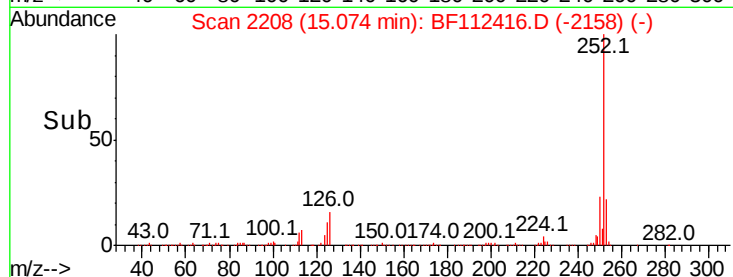
125 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.885 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF112416.D

Acq: 6 Feb 2019 13:17

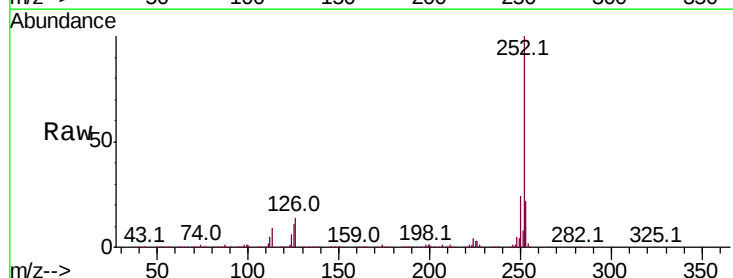
Tgt Ion:252 Resp: 826655

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

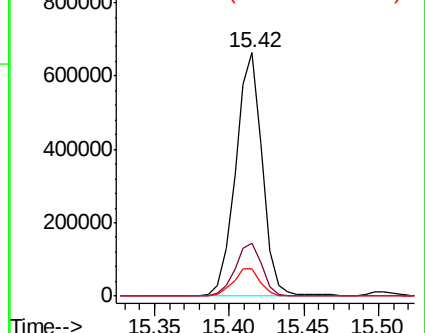
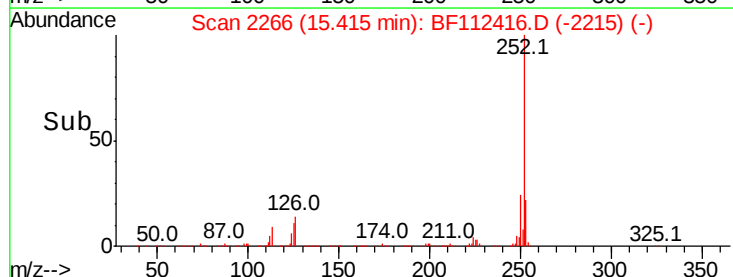
125 11.4 9.0 13.4

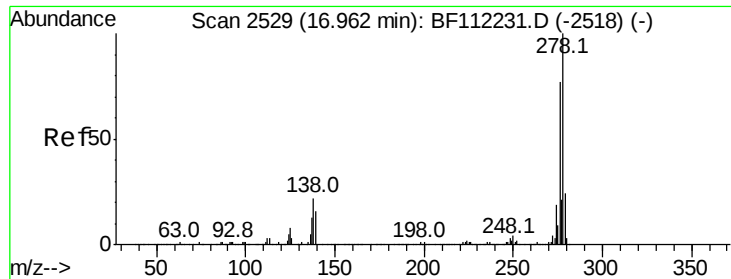


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

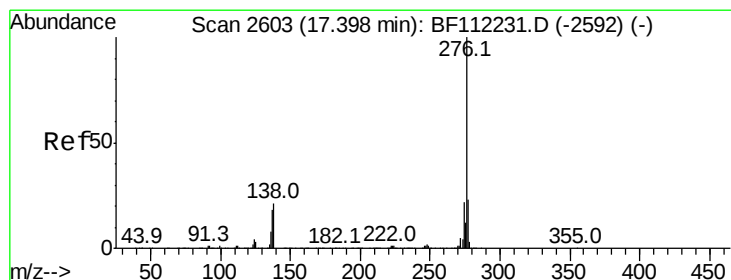
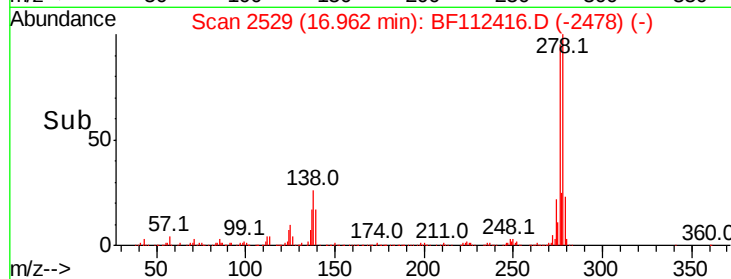
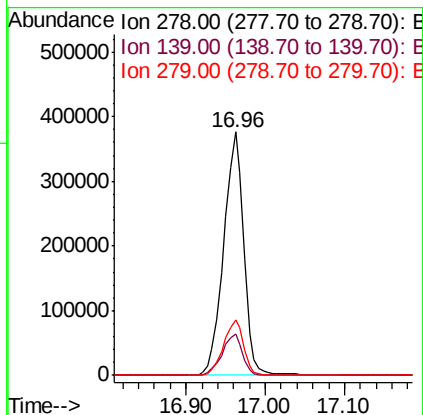
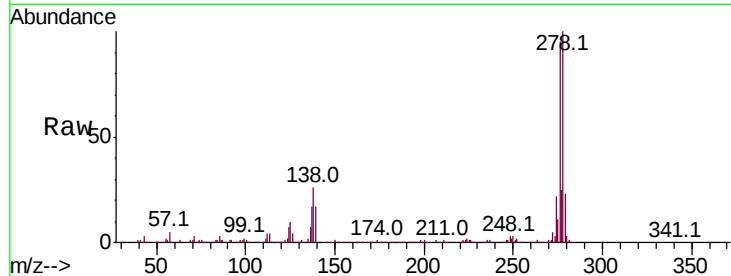




#91
Dibenzo(a,h)anthracene
Concen: 37.651 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 662127
Ion Ratio Lower Upper
278 100
139 16.8 13.7 20.5
279 22.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 37.891 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112416.D
Acq: 6 Feb 2019 13:17

Tgt Ion:276 Resp: 628661
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 21.8 19.1 28.7

