

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112238.D
 Acq On : 25 Jan 2019 18:07
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 27 23:35:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145944	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	498592	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	246781	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	488736	20.00	ng	0.00
76) Chrysene-d12	14.01	240	417287	20.00	ng	0.00
87) Perylene-d12	15.47	264	339084	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	686881	99.97	ng	0.00
7) Phenol-d6	6.49	99	888026	93.01	ng	-0.02
23) Nitrobenzene-d5	7.41	82	702949	81.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	249154	86.74	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1407089	80.64	ng	0.00
79) Terphenyl-d14	12.95	244	1673842	75.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	123981	45.296	ng	95
3) Pyridine	3.36	79	340782	48.945	ng	97
4) n-Nitrosodimethylamine	3.32	42	146399	50.047	ng	92
6) Aniline	6.51	93	528842	46.563	ng	90
8) 2-Chlorophenol	6.63	128	393780	42.602	ng	95
9) Benzaldehyde	6.39	77	217040	43.492	ng	99
10) Phenol	6.50	94	496334	47.384	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	367856	44.607	ng	97
12) 1,3-Dichlorobenzene	6.79	146	446425	41.471	ng	99
13) 1,4-Dichlorobenzene	6.86	146	451870	40.787	ng	99
14) 1,2-Dichlorobenzene	7.02	146	369130	35.587	ng	96
15) Benzyl Alcohol	6.99	79	295040	36.658	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	357280	33.743	ng	64
17) 2-Methylphenol	7.11	107	257053	35.081	ng	93
18) Hexachloroethane	7.36	117	142731	36.689	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	236807	35.970	ng	99
20) 3+4-Methylphenols	7.26	107	345067	36.827	ng	# 76
22) Acetophenone	7.26	105	493869	40.679	ng	# 96
24) Nitrobenzene	7.43	77	349099	40.396	ng	99
25) Isophorone	7.67	82	547709	40.347	ng	97
26) 2-Nitrophenol	7.75	139	189573	41.047	ng	92
27) 2,4-Dimethylphenol	7.79	122	253872	39.898	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	371386	40.179	ng	99
29) 2,4-Dichlorophenol	7.99	162	286728	40.267	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	327364	39.995	ng	99
31) Naphthalene	8.15	128	935982	40.143	ng	98
32) Benzoic acid	7.92	122	131968	36.359	ng	94
33) 4-Chloroaniline	8.20	127	404658	39.858	ng	98
34) Hexachlorobutadiene	8.27	225	190538	39.670	ng	100
35) Caprolactam	8.57	113	99911	39.774	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	305754	40.561	ng	96
37) 2-Methylnaphthalene	8.84	142	635292	39.801	ng	97
38) 1-Methylnaphthalene	8.94	142	613120	40.075	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	313606	38.704	ng	98

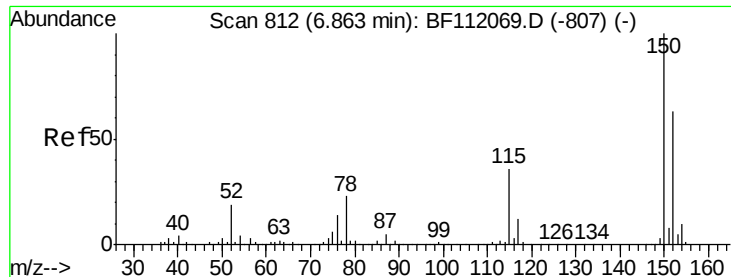
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112238.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	98005	37.627	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	198539	39.751	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	212250	40.661	ng	97
46) 1,1'-Biphenyl	9.30	154	865553	40.119	ng	99
47) 2-Chloronaphthalene	9.33	162	670736	40.091	ng	97
48) 2-Nitroaniline	9.43	65	189879	41.640	ng	91
49) Acenaphthylene	9.75	152	983232	40.096	ng	99
50) Dimethylphthalate	9.60	163	766960	40.001	ng	98
51) 2,6-Dinitrotoluene	9.67	165	174474	40.631	ng	89
52) Acenaphthene	9.92	154	599829	40.948	ng	99
53) 3-Nitroaniline	9.84	138	192766	41.436	ng	92
54) 2,4-Dinitrophenol	9.95	184	56286	40.843	ng	92
55) Dibenzofuran	10.09	168	917033	40.966	ng	97
56) 4-Nitrophenol	10.02	139	106321	43.228	ng	90
57) 2,4-Dinitrotoluene	10.07	165	237000	43.353	ng	# 86
58) Fluorene	10.43	166	703802	42.014	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	167005	42.684	ng	91
60) Diethylphthalate	10.30	149	782565	41.128	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	369253	40.522	ng	94
62) 4-Nitroaniline	10.46	138	196957	43.163	ng	91
63) Azobenzene	10.58	77	705361	42.150	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	112915	41.207	ng	98
66) n-Nitrosodiphenylamine	10.54	169	656968	39.884	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	229108	39.857	ng	99
68) Hexachlorobenzene	10.99	284	244507	39.647	ng	98
69) Atrazine	11.07	200	212028	39.893	ng	97
70) Pentachlorophenol	11.18	266	100224	41.766	ng	97
71) Phenanthrene	11.39	178	1025938	40.377	ng	98
72) Anthracene	11.45	178	1043940	41.246	ng	99
73) Carbazole	11.60	167	1028714	41.204	ng	98
74) Di-n-butylphthalate	11.92	149	1246448	40.222	ng	99
75) Fluoranthene	12.58	202	1071403	39.314	ng	99
77) Benzidine	12.70	184	437182	38.065	ng	99
78) Pyrene	12.81	202	1106355	38.295	ng	99
80) Butylbenzylphthalate	13.42	149	544865	38.981	ng	91
81) Benzo(a)anthracene	14.00	228	964543	39.320	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	354084	38.570	ng	99
83) Chrysene	14.04	228	917213	39.171	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	761072	38.358	ng	98
85) Di-n-octyl phthalate	14.59	149	1212066	39.705	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	658022	35.465	ng	95
88) Benzo(b)fluoranthene	15.04	252	871490	42.975	ng	99
89) Benzo(k)fluoranthene	15.07	252	755738	38.907	ng	98
90) Benzo(a)pyrene	15.41	252	733043	40.174	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	567020	38.557	ng	98
92) Benzo(g,h,i)perylene	17.39	276	528525	38.094	ng	94

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

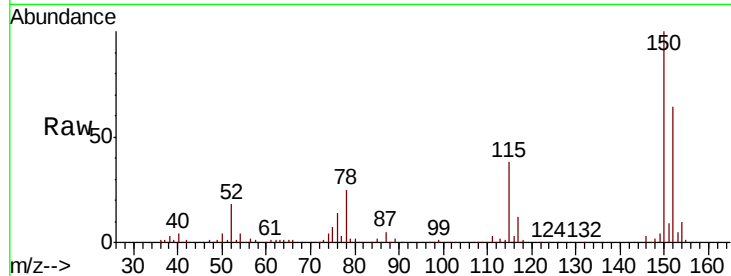


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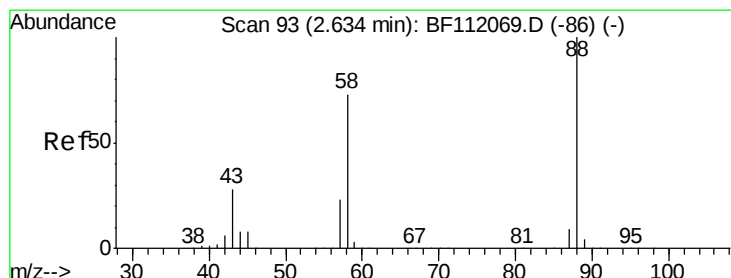
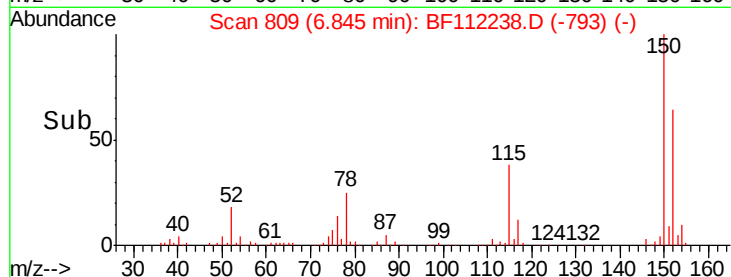
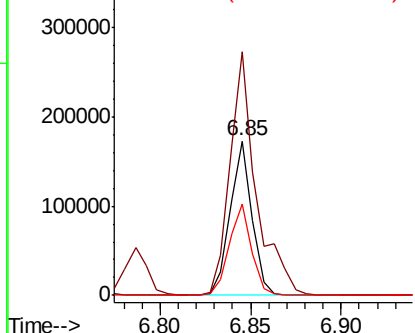
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 145944
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 59.3 45.5 68.3



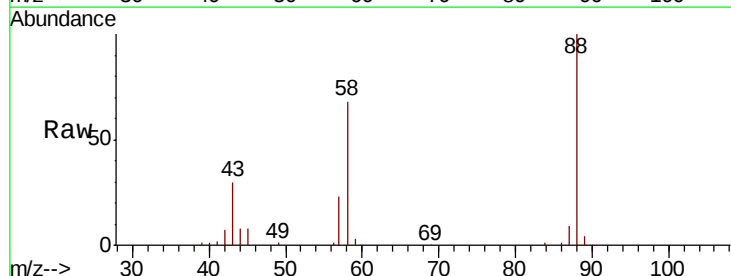
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



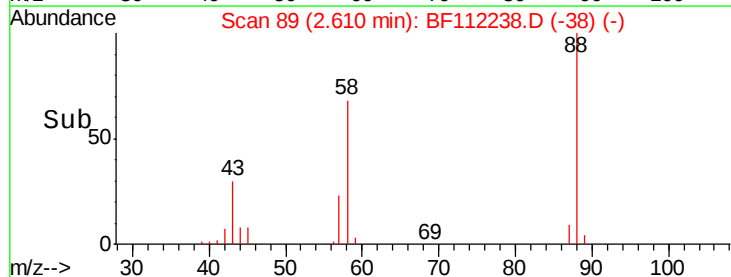
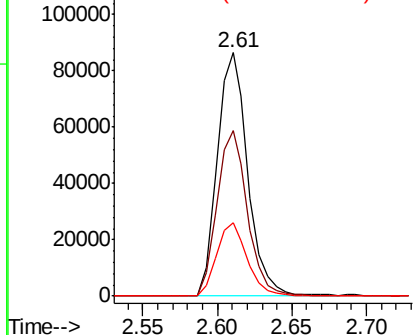
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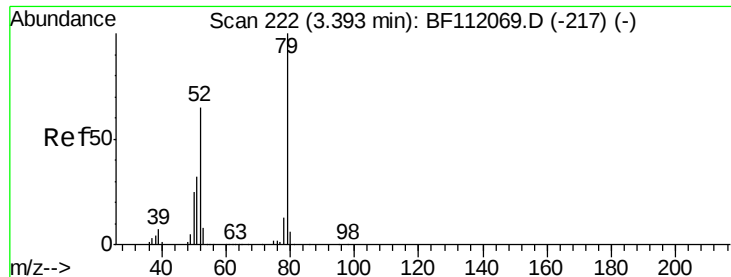
1,4-Dioxane
Concen: 45.296 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.00 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion: 88 Resp: 123981
Ion Ratio Lower Upper
88 100
58 67.7 57.4 86.2
43 30.2 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

Pyridine

Concen: 48.945 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

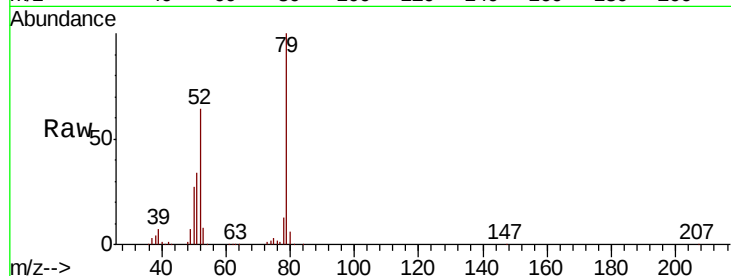
Tgt Ion: 79 Resp: 340782

Ion Ratio Lower Upper

79 100

52 63.8 52.4 78.6

51 34.5 26.1 39.1



Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

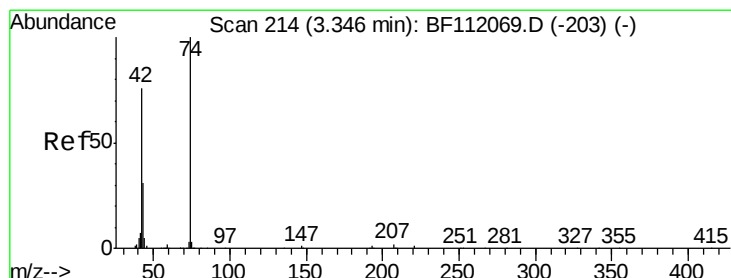
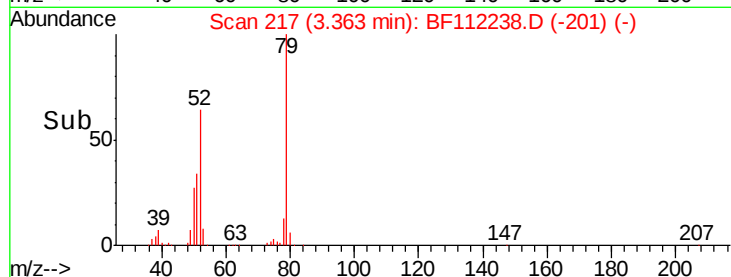
50000

0

3.36

3.30 3.40 3.50

Time-->



#4

n-Nitrosodimethylamine

Concen: 50.047 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

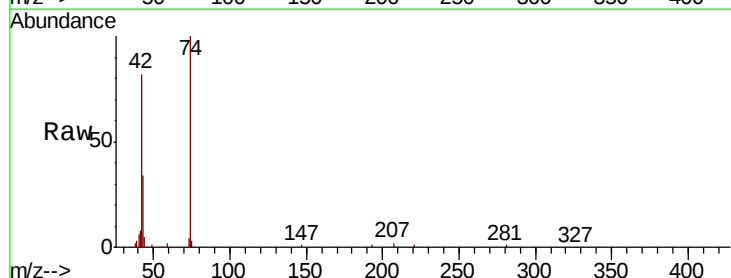
Tgt Ion: 42 Resp: 146399

Ion Ratio Lower Upper

42 100

74 121.7 105.6 158.4

44 5.8 5.4 8.2



Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

120000

100000

80000

60000

40000

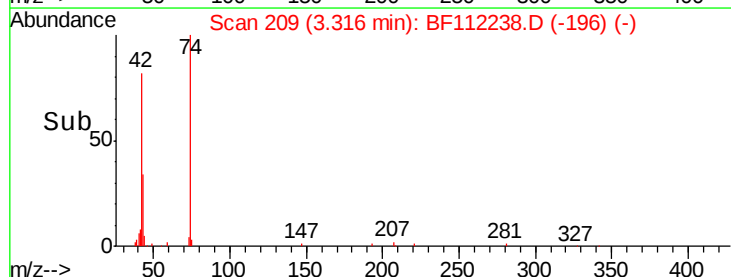
20000

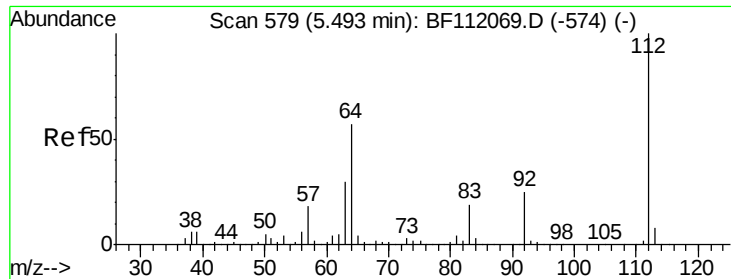
0

3.32

3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 99.968 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

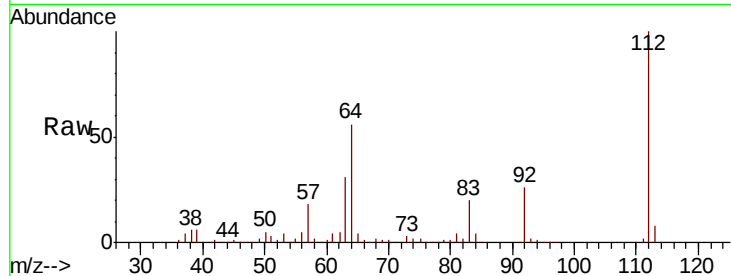
Tgt Ion: 112 Resp: 686881

Ion Ratio Lower Upper

112 100

64 56.3 45.7 68.5

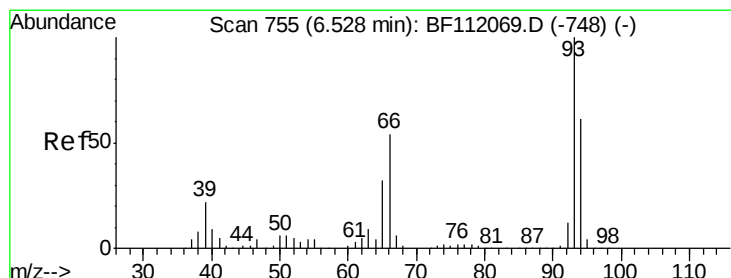
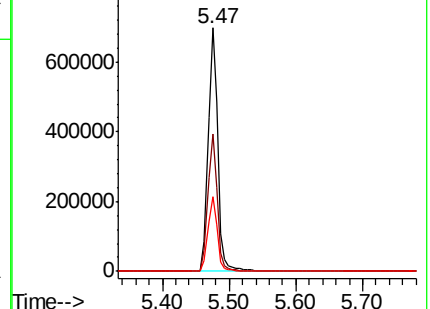
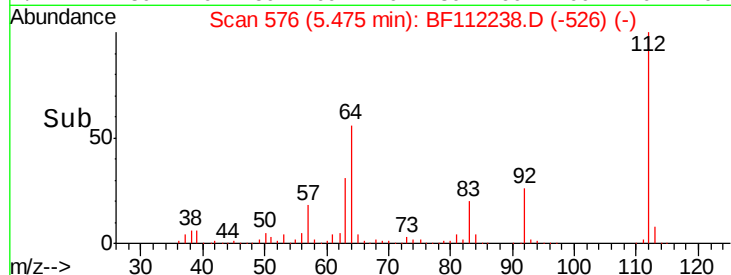
63 30.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 46.563 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

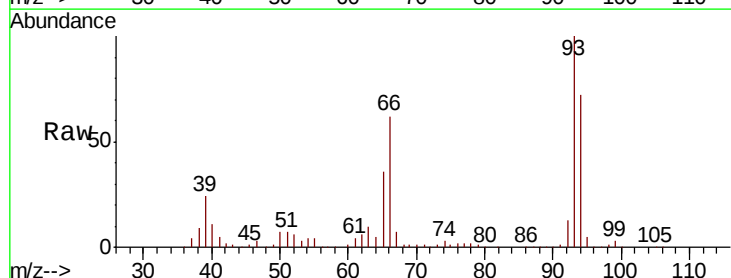
Tgt Ion: 93 Resp: 528842

Ion Ratio Lower Upper

93 100

66 61.8 43.4 65.2

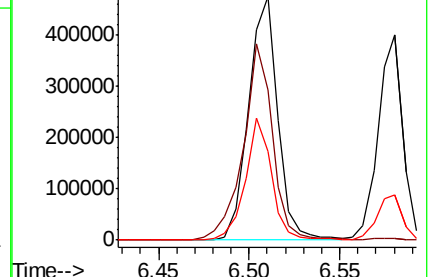
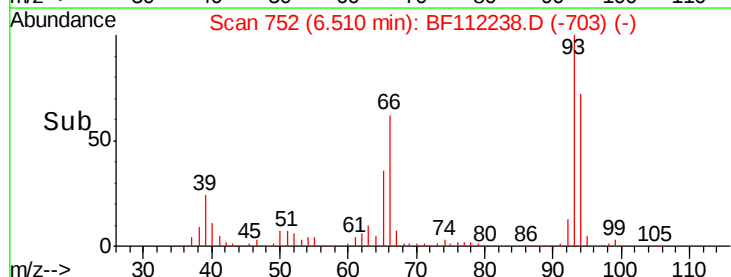
65 36.4 25.3 37.9

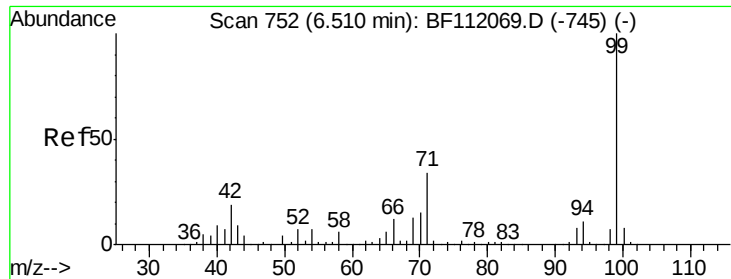


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.011 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

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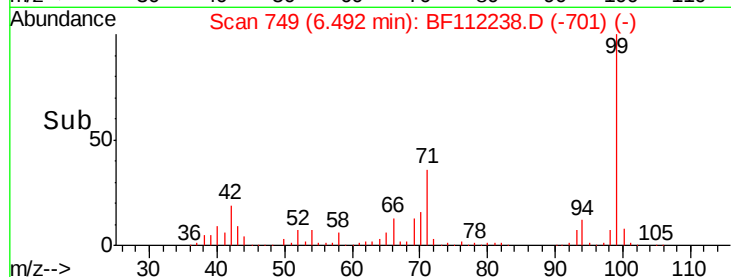
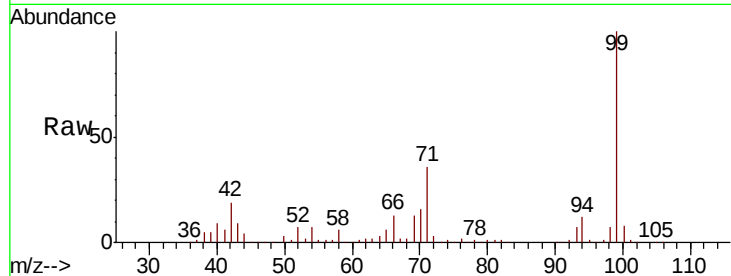
Tgt Ion: 99 Resp: 888026

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

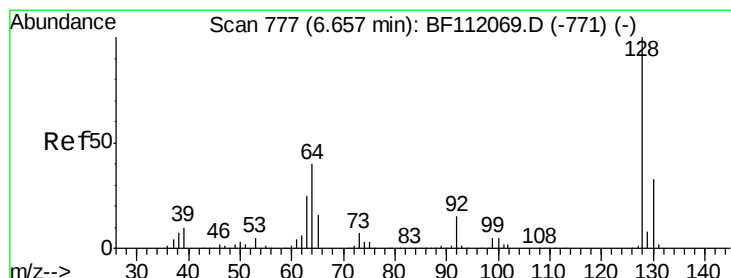
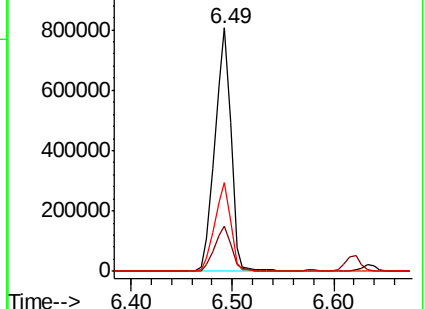
71 36.2 26.9 40.3



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: 42.602 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

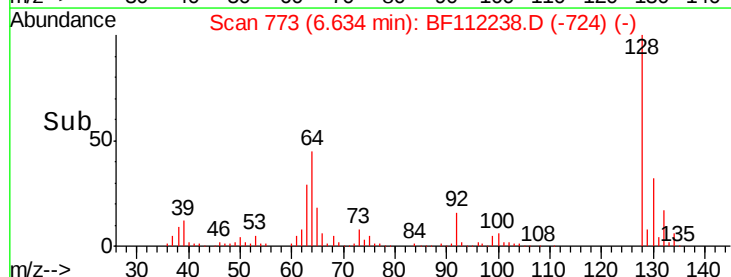
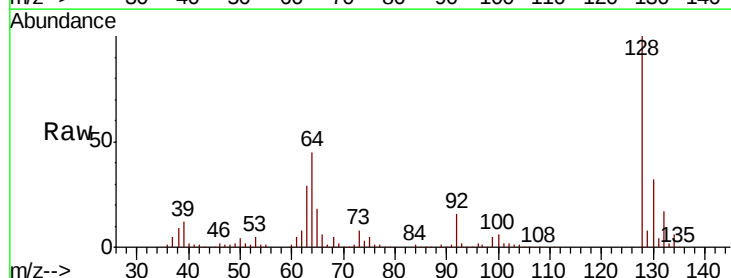
Tgt Ion: 128 Resp: 393780

Ion Ratio Lower Upper

128 100

130 31.9 13.4 53.4

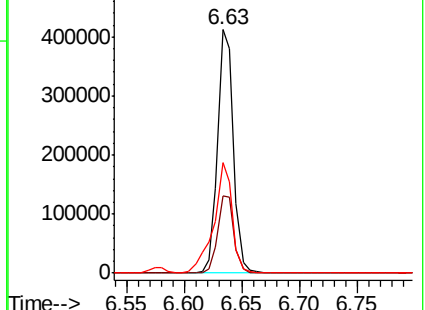
64 45.1 20.5 60.5

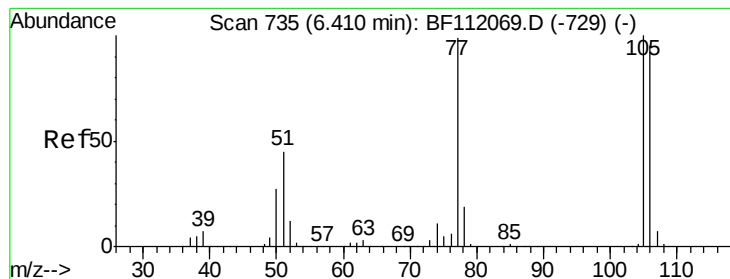


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.492 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

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SSTDCCC040

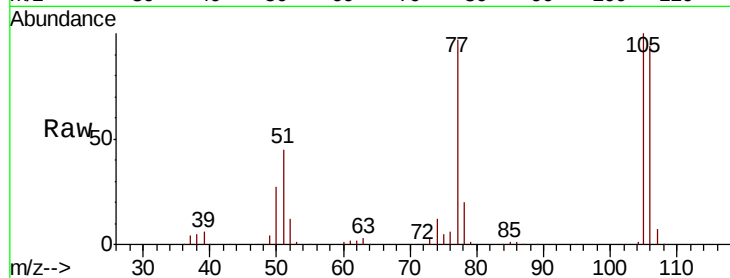
Tgt Ion: 77 Resp: 217040

Ion Ratio Lower Upper

77 100

105 102.9 80.8 120.8

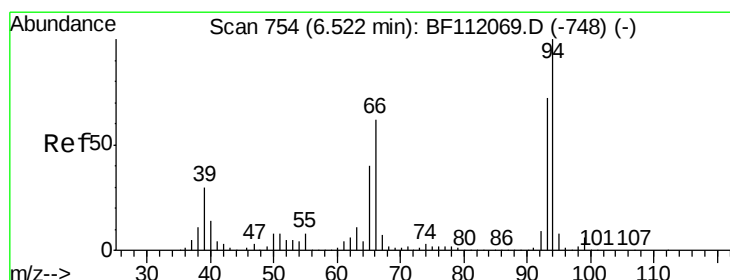
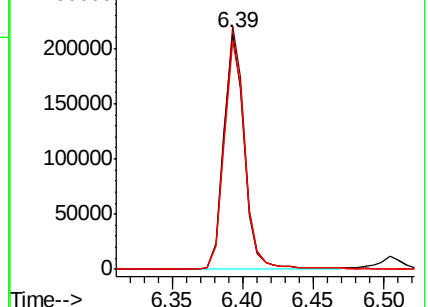
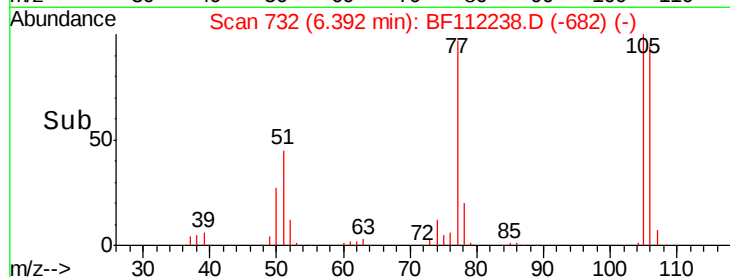
106 96.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.384 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

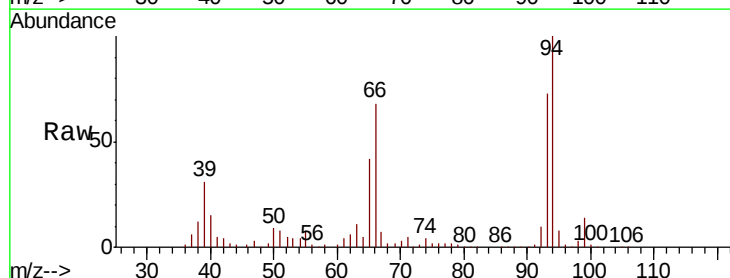
Tgt Ion: 94 Resp: 496334

Ion Ratio Lower Upper

94 100

65 42.0 20.3 60.3

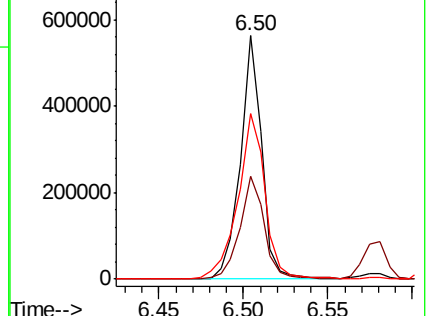
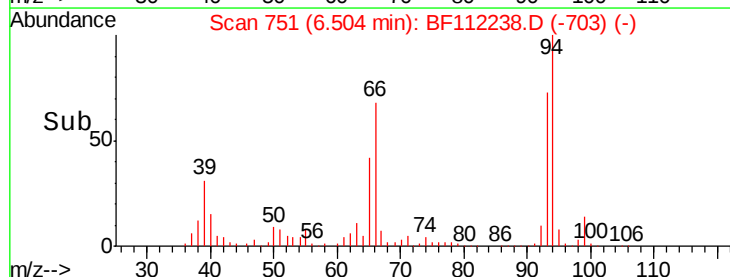
66 67.8 42.4 82.4

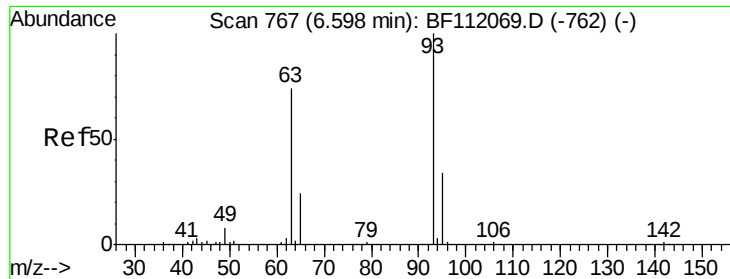


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

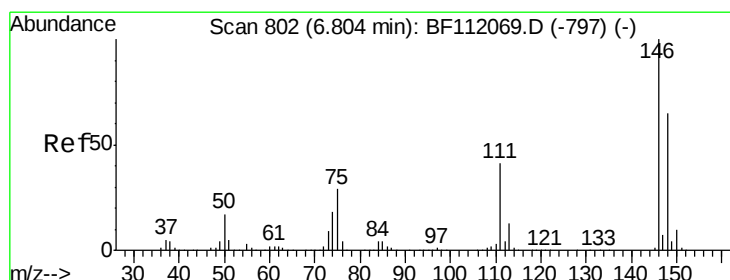
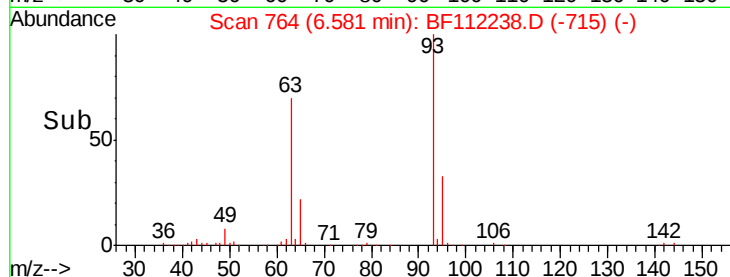
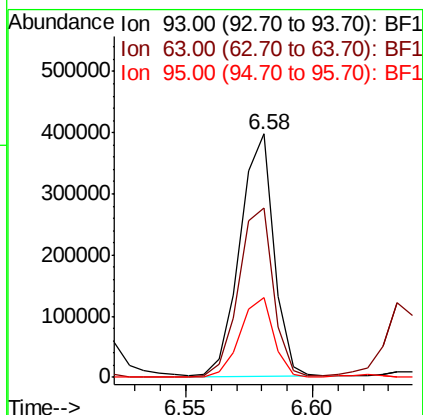
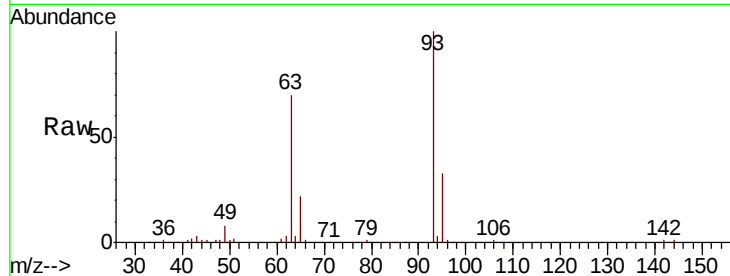




#11
bis(2-Chloroethyl)ether
Concen: 44.607 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

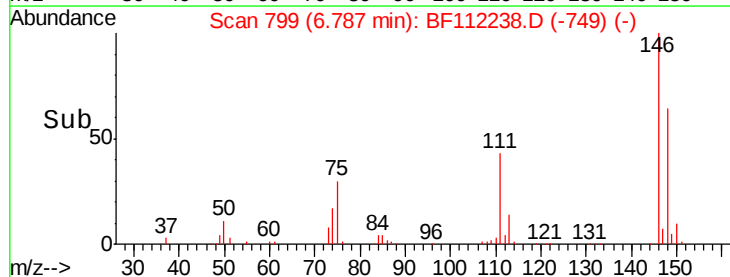
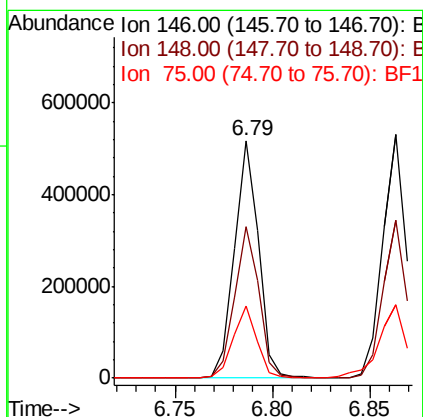
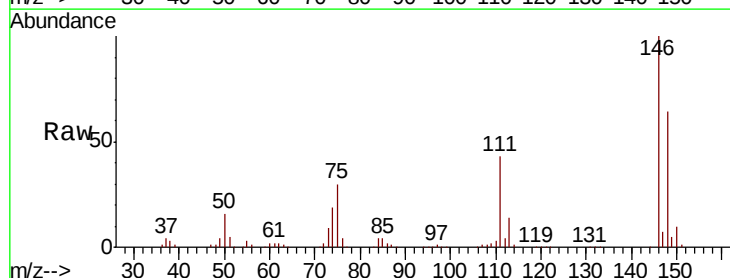
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

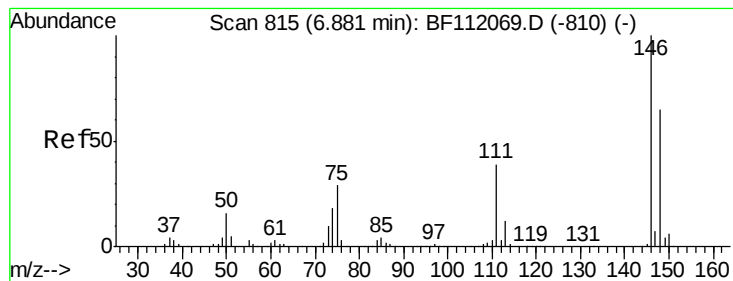
Tgt Ion: 93 Resp: 367856
Ion Ratio Lower Upper
93 100
63 69.7 53.3 93.3
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.471 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion: 146 Resp: 446425
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.787 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

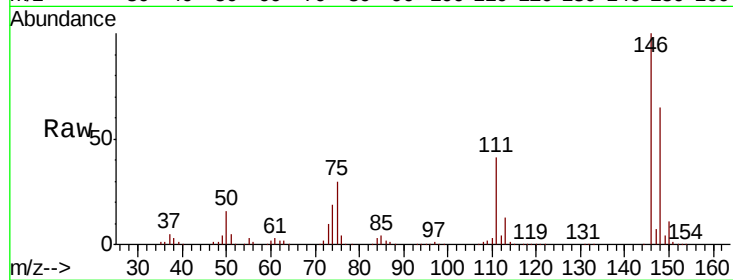
Tgt Ion:146 Resp: 451870

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

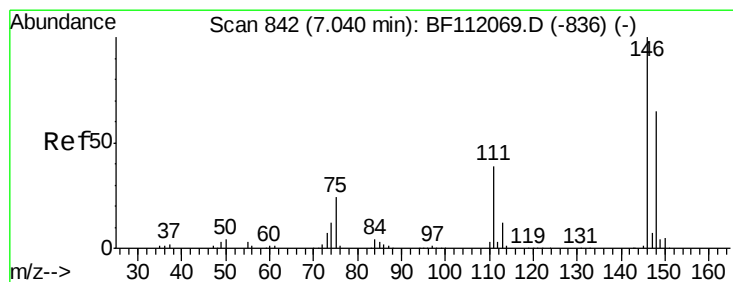
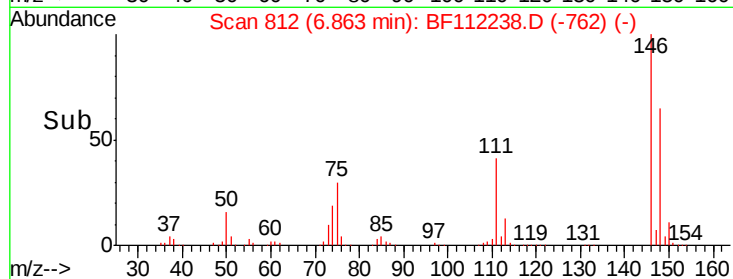
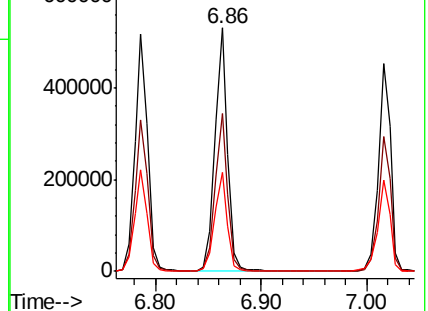
111 40.8 31.2 46.8



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: 35.587 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

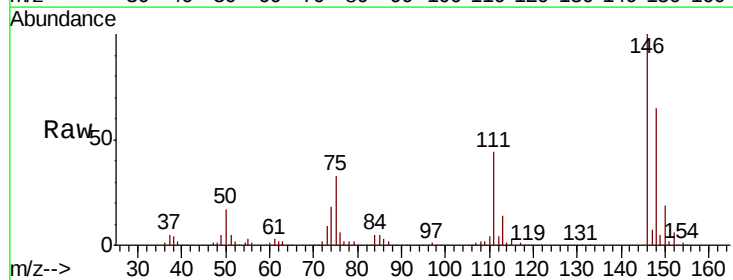
Tgt Ion:146 Resp: 369130

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

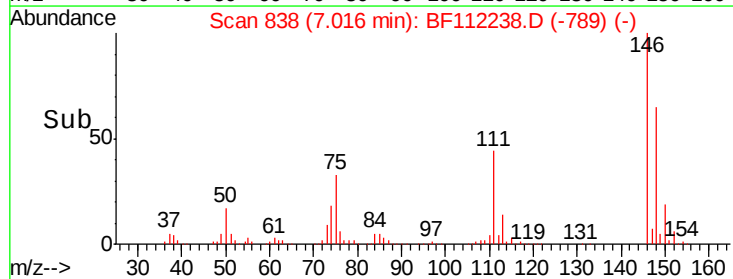
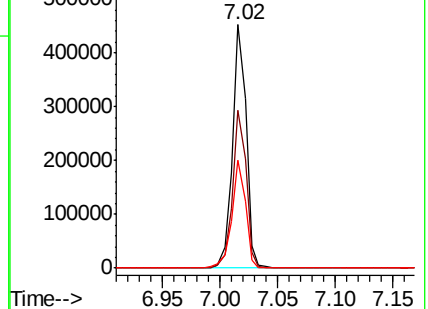
111 44.3 31.2 46.8

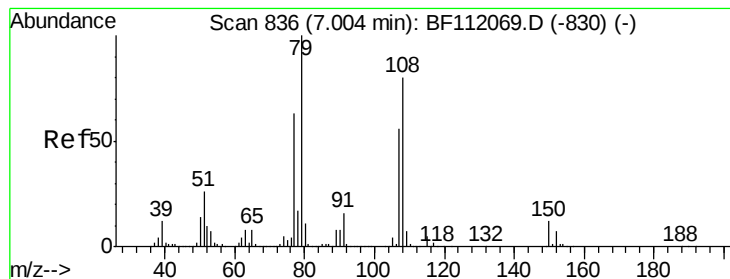


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.658 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

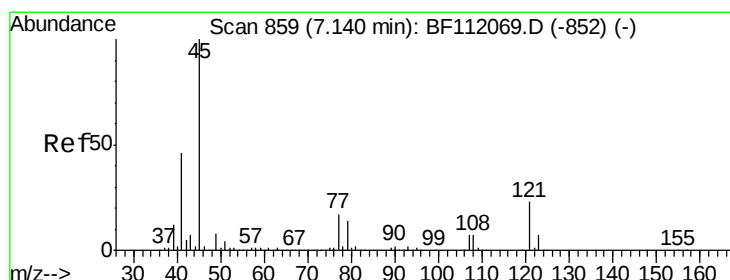
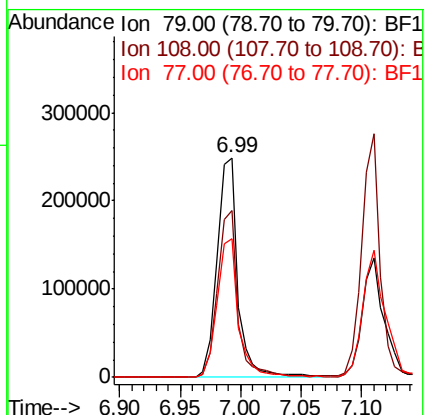
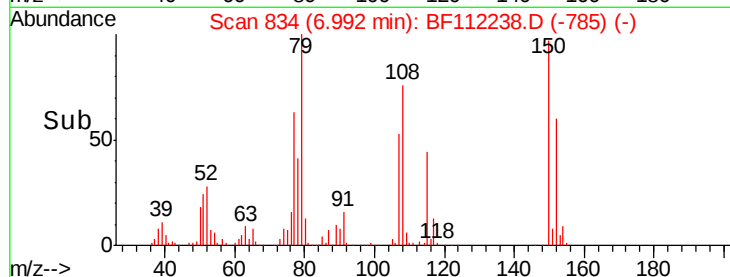
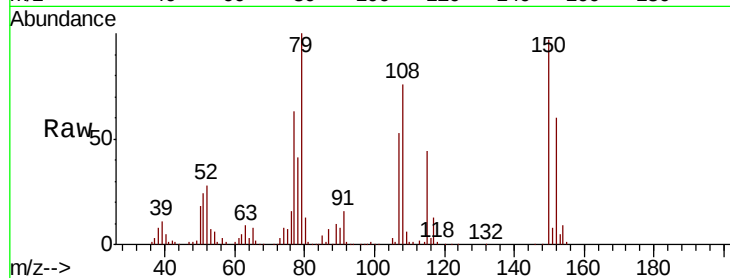
Tgt Ion: 79 Resp: 295040

Ion Ratio Lower Upper

79 100

108 75.8 64.2 96.2

77 63.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.743 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

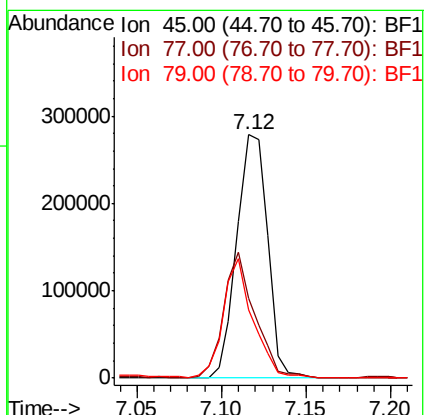
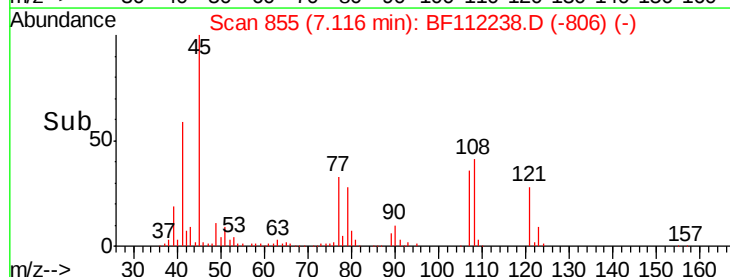
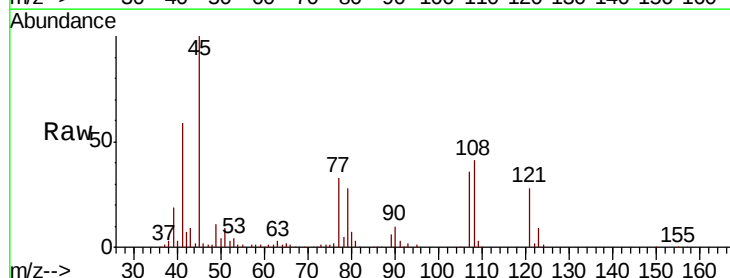
Tgt Ion: 45 Resp: 357280

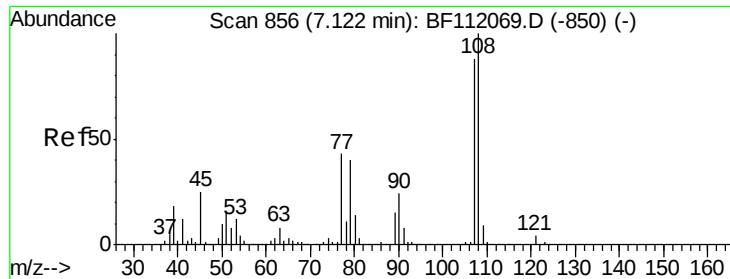
Ion Ratio Lower Upper

45 100

77 32.8 0.0 36.9

79 28.2 0.0 34.0

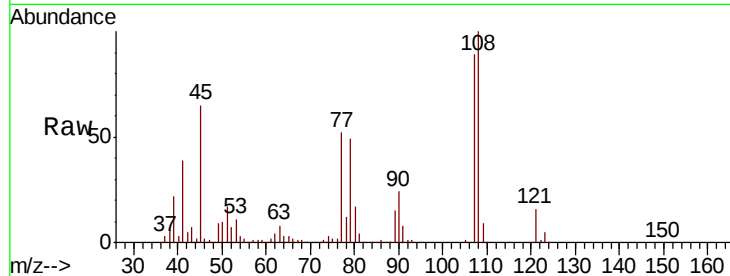




#17
2-Methylphenol
Concen: 35.081 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	257053
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.3	136.9
77	58.4	39.0	58.6
79	55.4	37.0	55.4



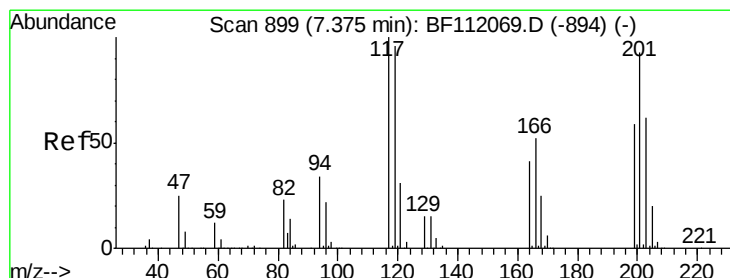
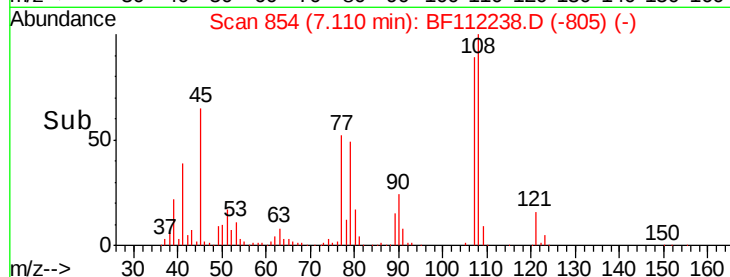
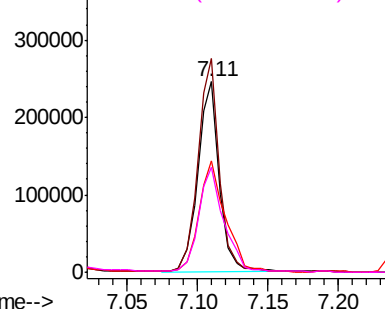
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

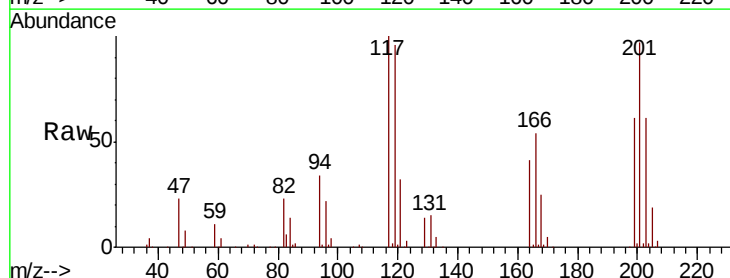
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.689 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:	117	Resp:	142731
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	96.9	74.1	111.1

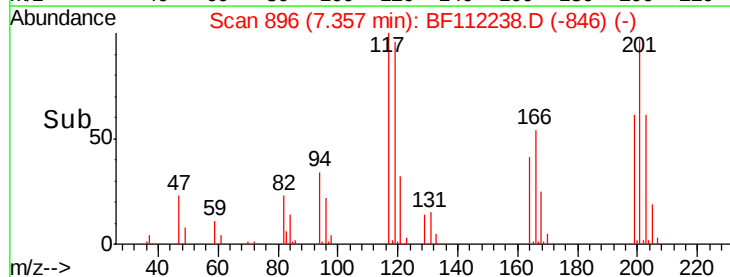
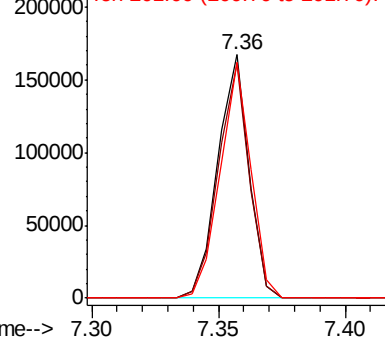


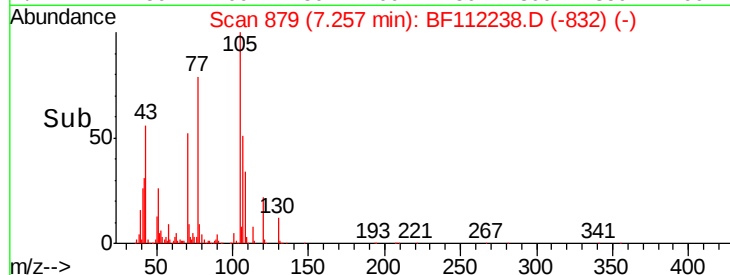
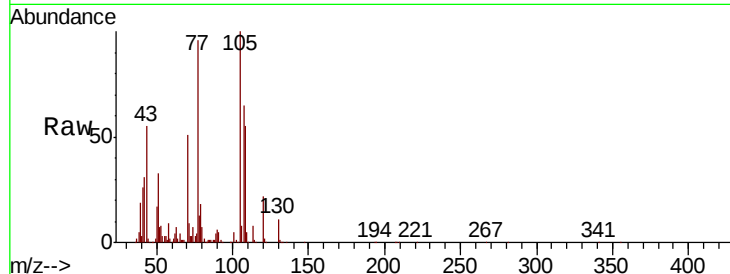
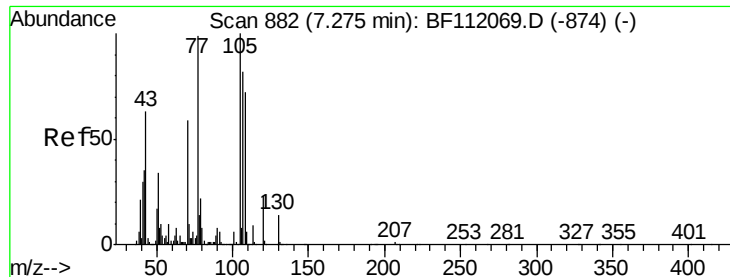
Abundance

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

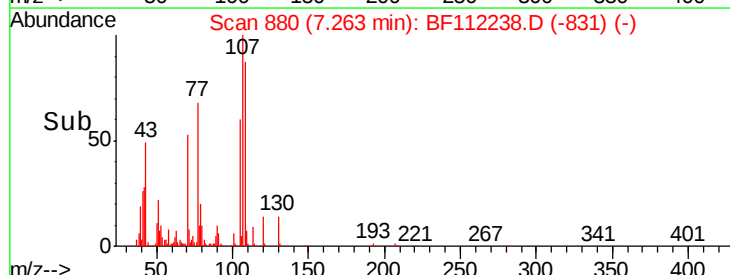
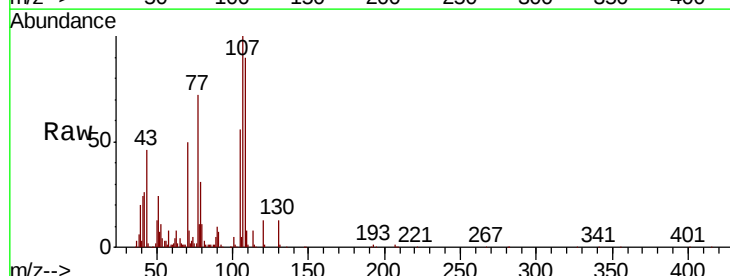
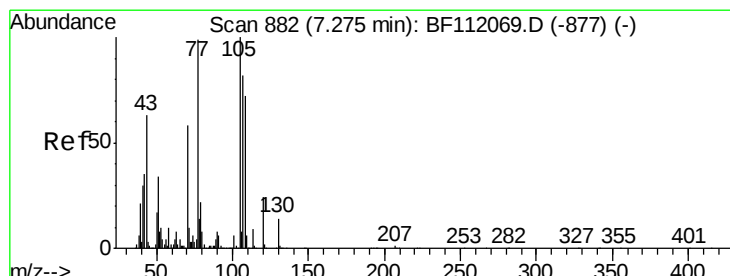
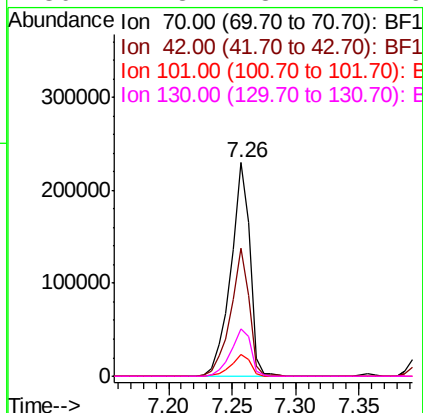




#19
n-Nitroso-di-n-propylamine
Concen: 35.970 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

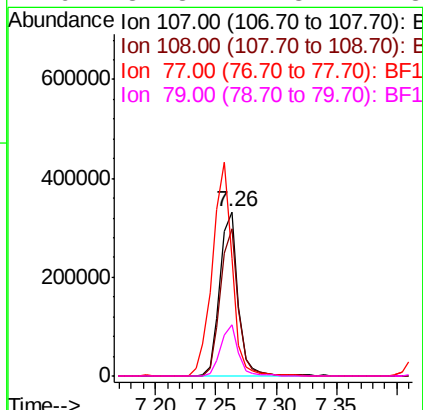
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

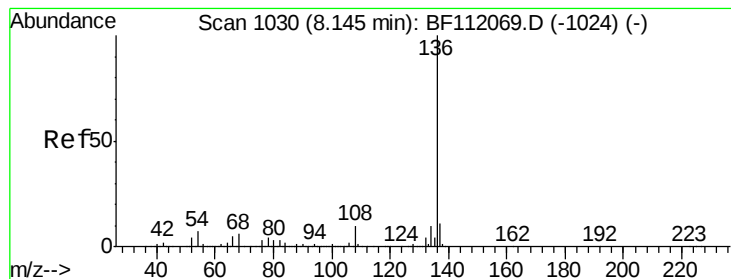
Tgt Ion:	70	Resp:	236807
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	10.3	7.9	11.9
130	22.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 36.827 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:	107	Resp:	345067
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	71.6	100.7	140.7#
79	31.3	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 498592

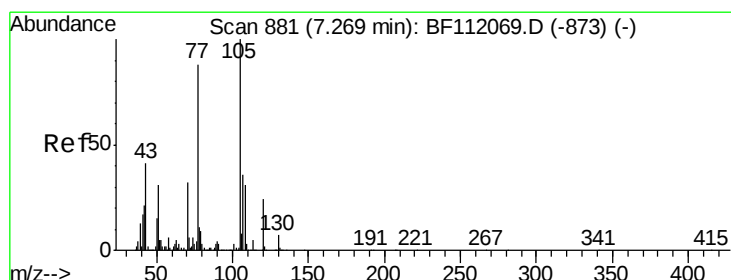
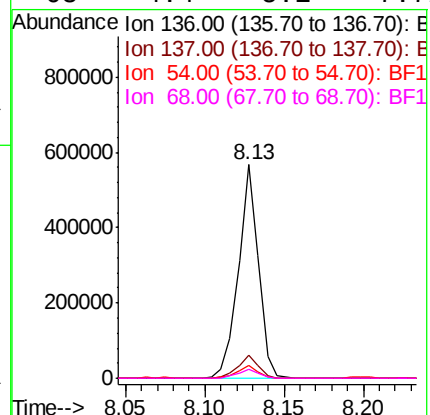
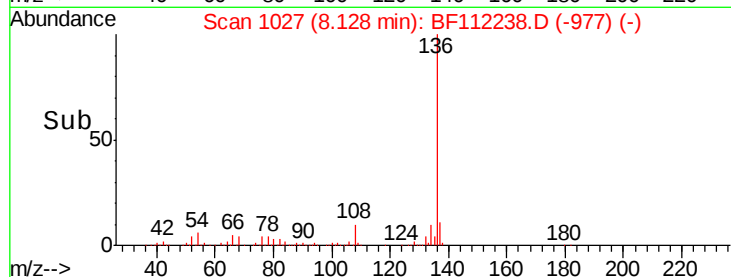
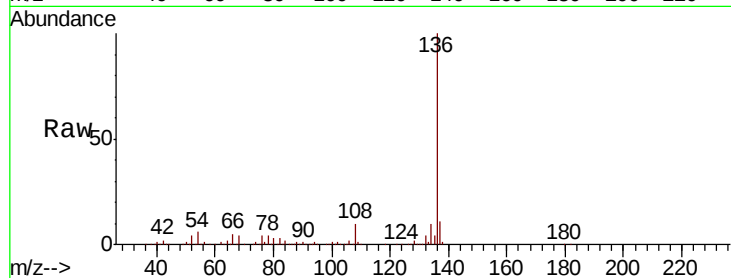
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.1 5.9 8.9

68 4.4 5.1 7.7#



#22

Acetophenone

Concen: 40.679 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Tgt Ion:105 Resp: 493869

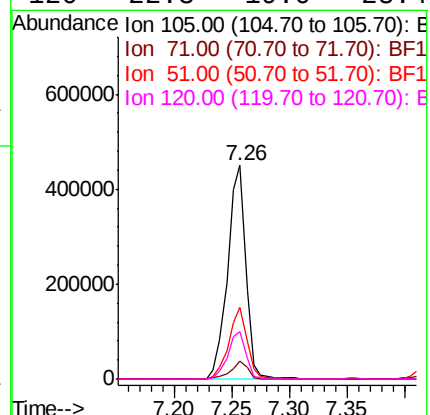
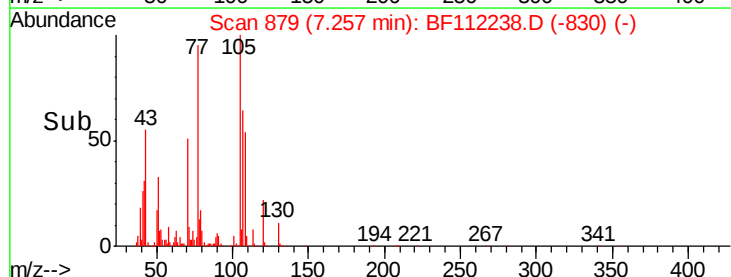
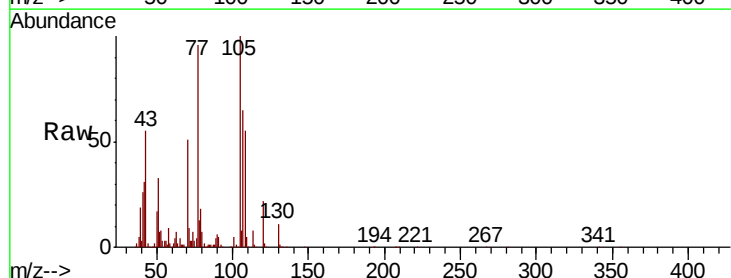
Ion Ratio Lower Upper

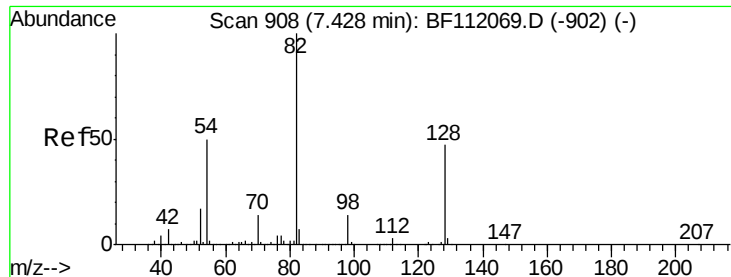
105 100

71 8.5 4.6 6.8#

51 33.5 25.0 37.6

120 22.3 19.0 28.4

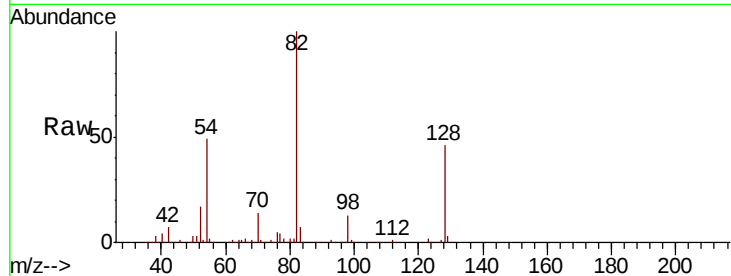




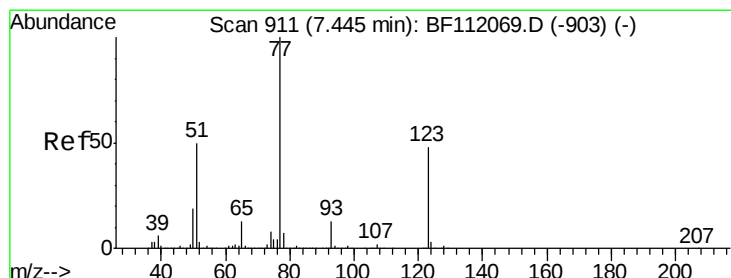
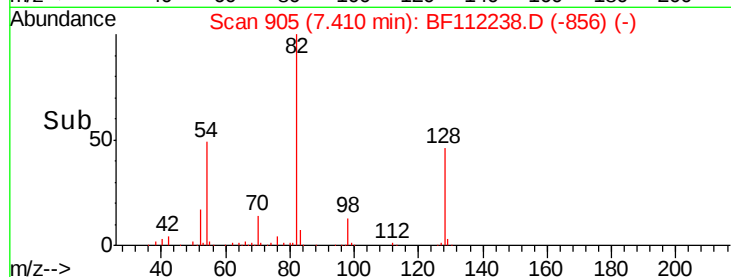
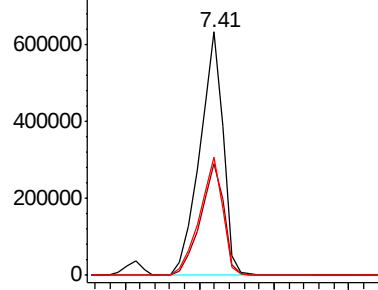
#23
 Nitrobenzene-d5
 Concen: 81.236 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.8	56.8
54	48.8	39.7	59.5

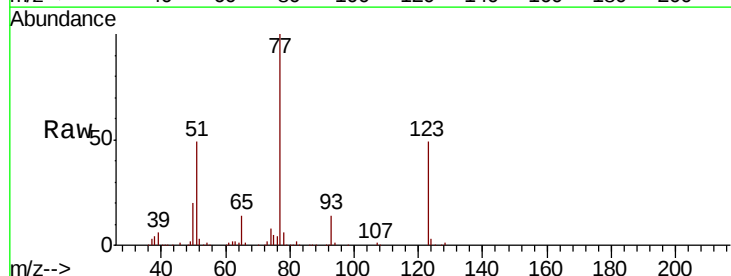


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

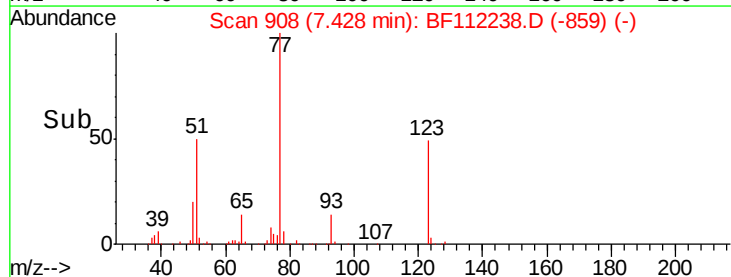
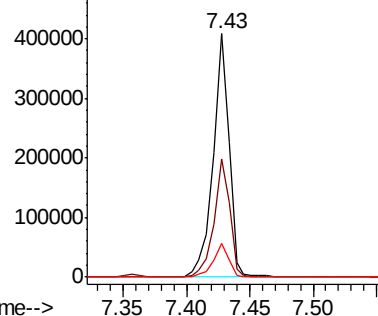


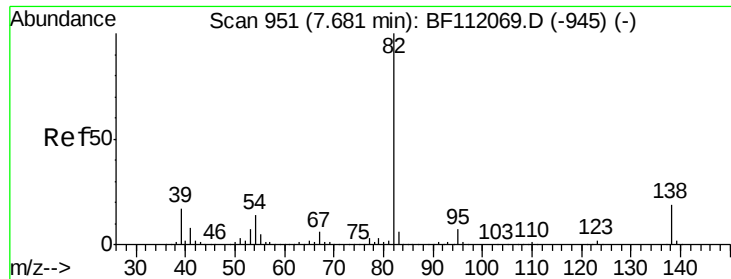
#24
 Nitrobenzene
 Concen: 40.396 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.4	57.6
65	13.9	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

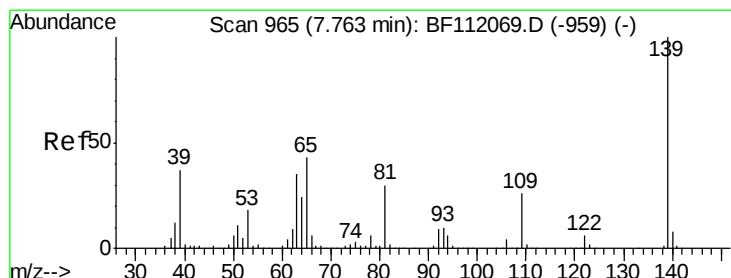
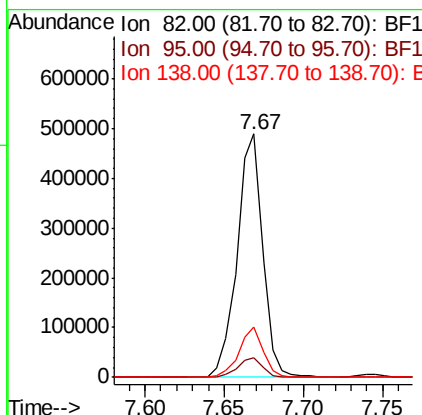
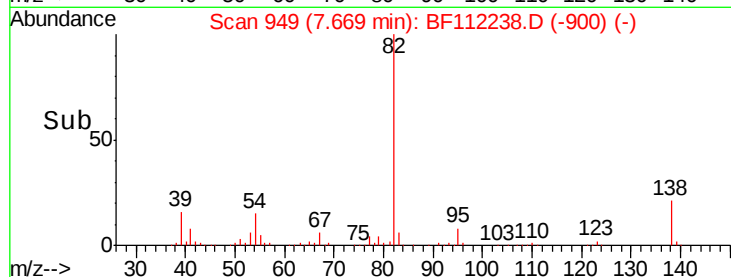
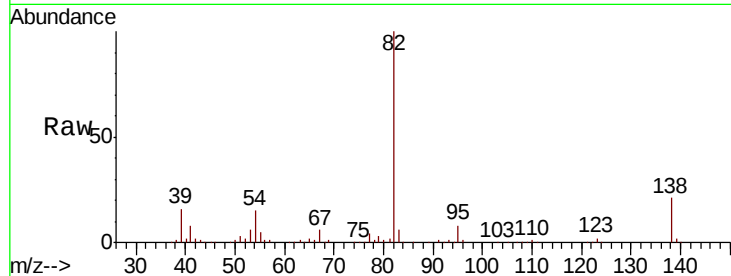




#25
Isophorone
Concen: 40.347 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

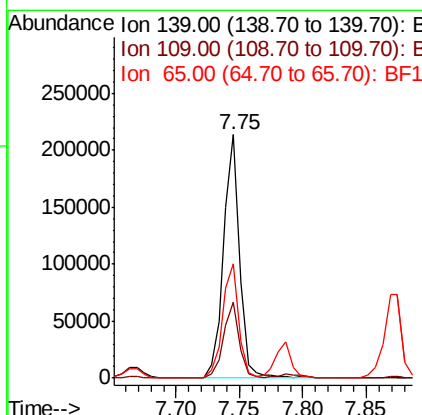
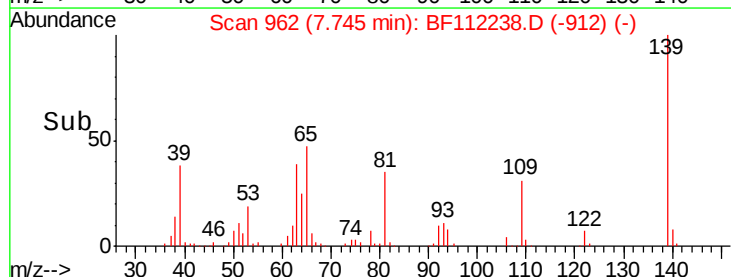
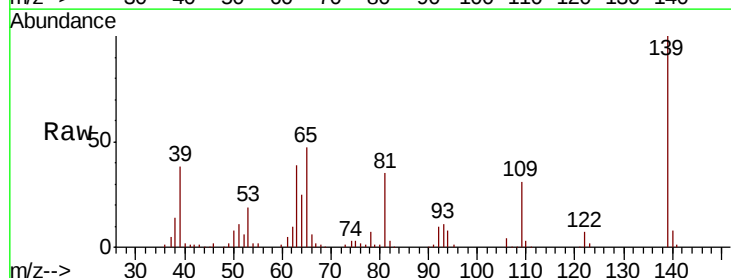
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

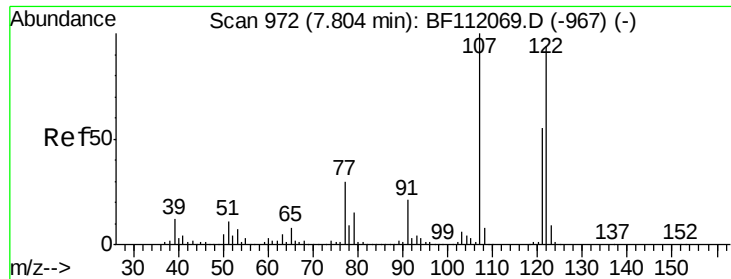
Tgt Ion: 82 Resp: 547709
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 20.6 15.4 23.0



#26
2-Nitrophenol
Concen: 41.047 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion: 139 Resp: 189573
Ion Ratio Lower Upper
139 100
109 31.1 20.8 31.2
65 47.0 34.4 51.6

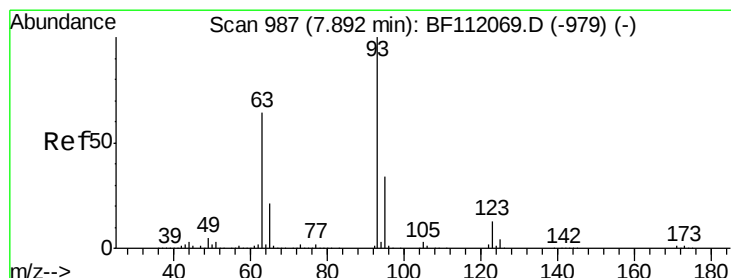
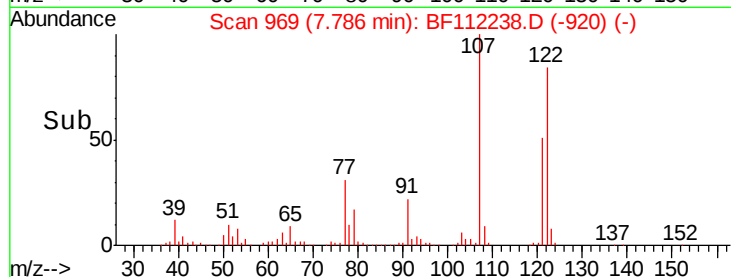
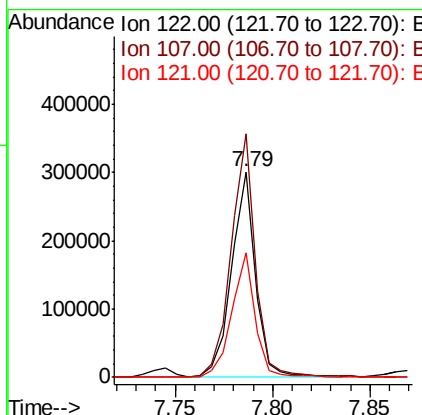
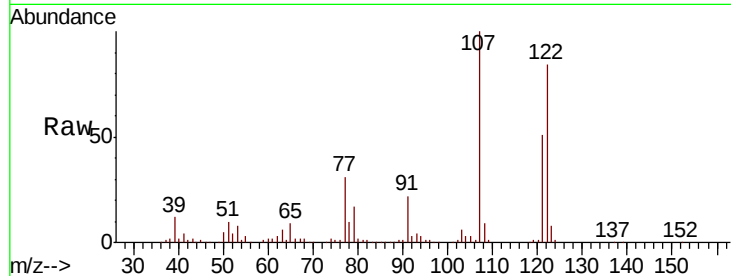




#27
2,4-Dimethylphenol
Concen: 39.898 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

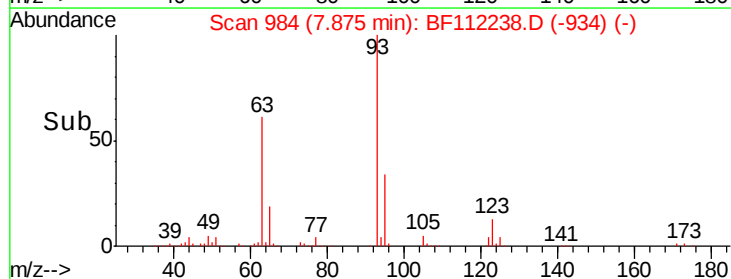
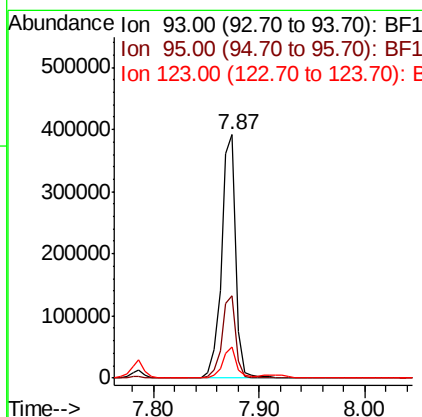
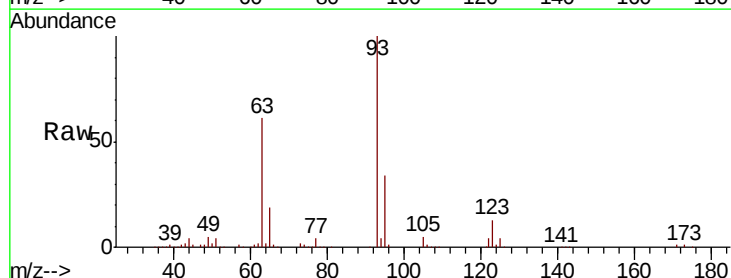
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

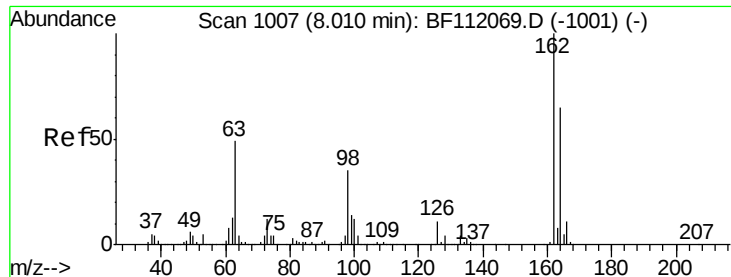
Tgt Ion: 122 Resp: 253872
Ion Ratio Lower Upper
122 100
107 118.4 85.4 128.0
121 60.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.179 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion: 93 Resp: 371386
Ion Ratio Lower Upper
93 100
95 33.8 26.8 40.2
123 12.6 10.2 15.2

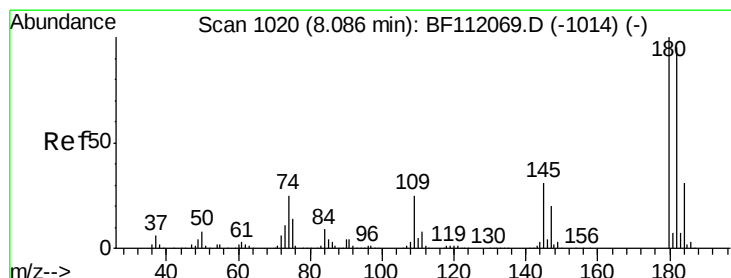
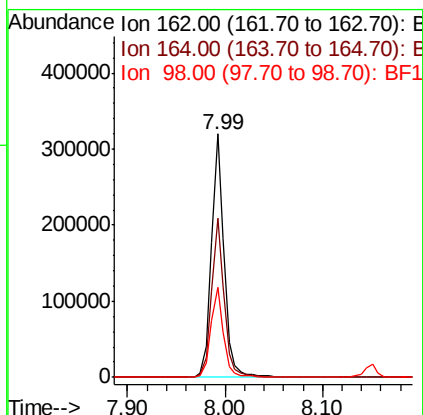
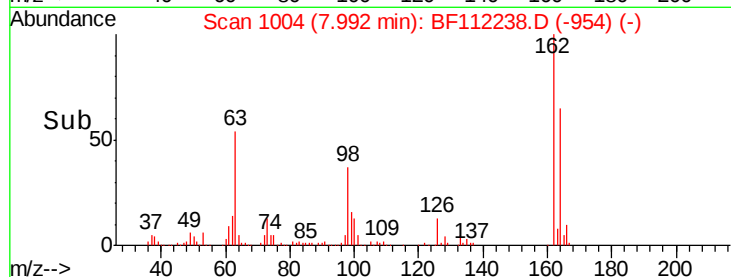
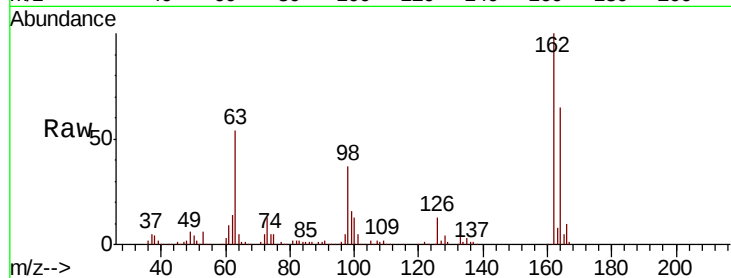




#29
2,4-Dichlorophenol
Concen: 40.267 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

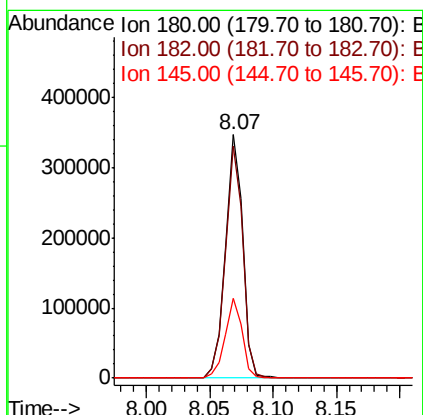
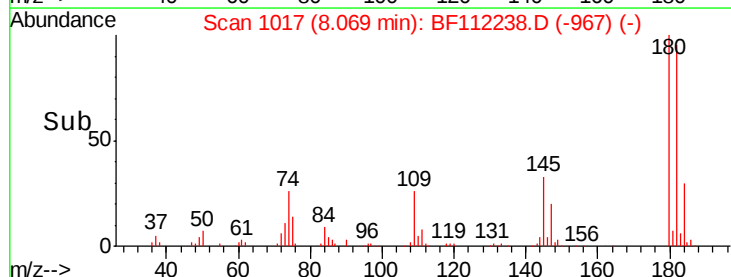
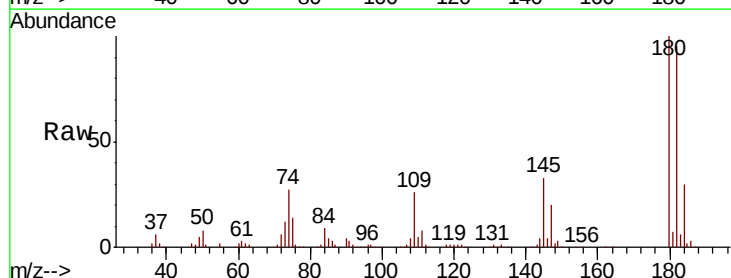
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

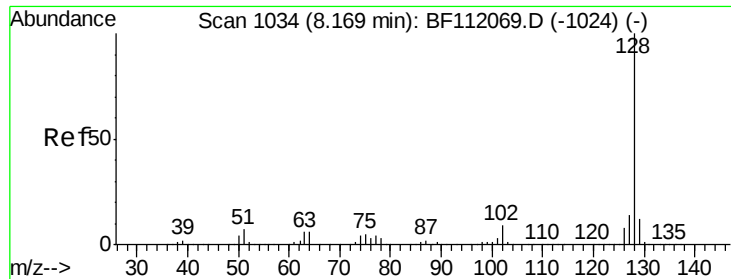
Tgt Ion:162 Resp: 286728
Ion Ratio Lower Upper
162 100
164 65.3 44.6 84.6
98 37.0 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 39.995 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:180 Resp: 327364
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 32.8 25.0 37.4

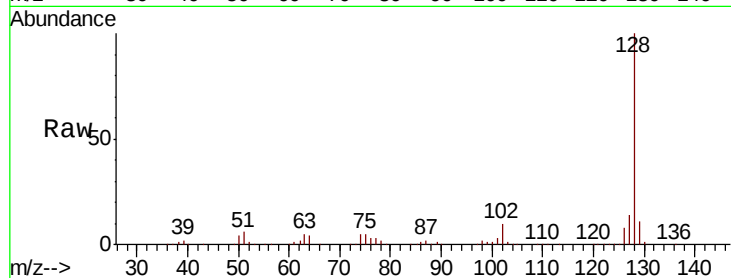




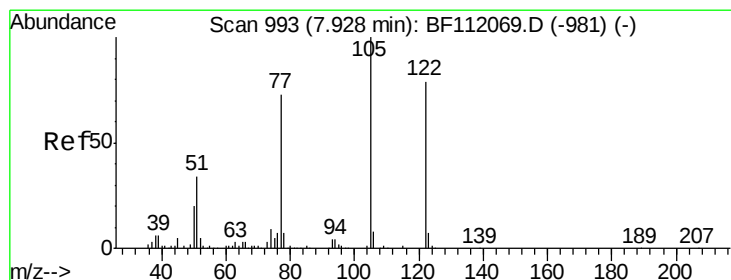
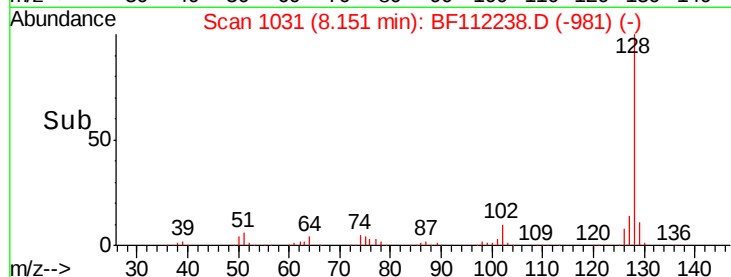
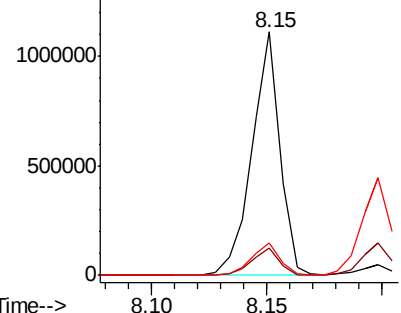
#31
Naphthalene
Concen: 40.143 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 935982
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.5 11.1 16.7

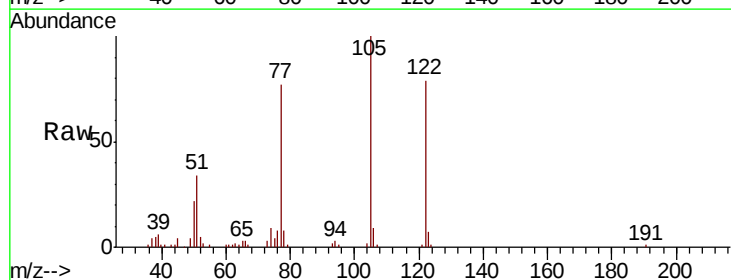


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

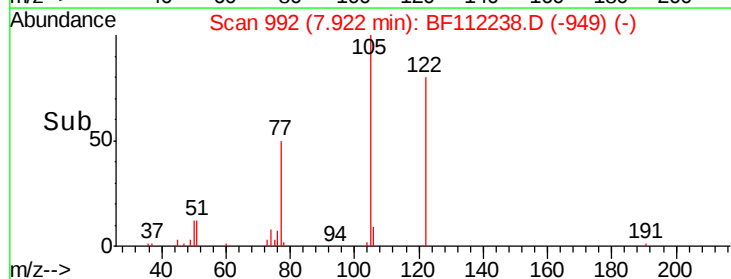
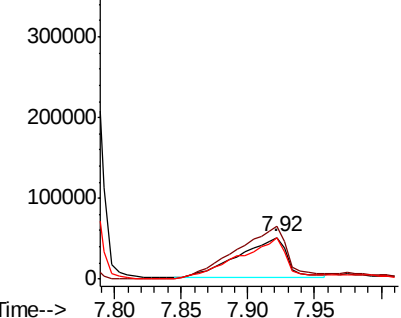


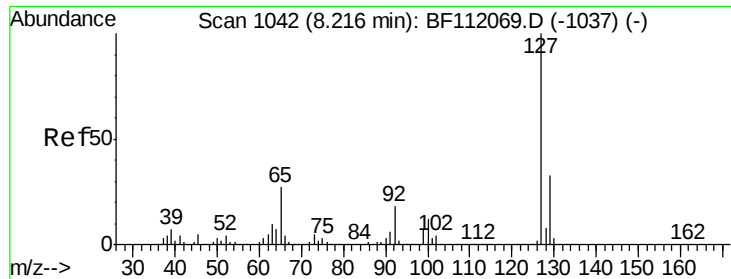
#32
Benzoic acid
Concen: 36.359 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.05 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:122 Resp: 131968
Ion Ratio Lower Upper
122 100
105 126.7 101.2 141.2
77 97.5 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

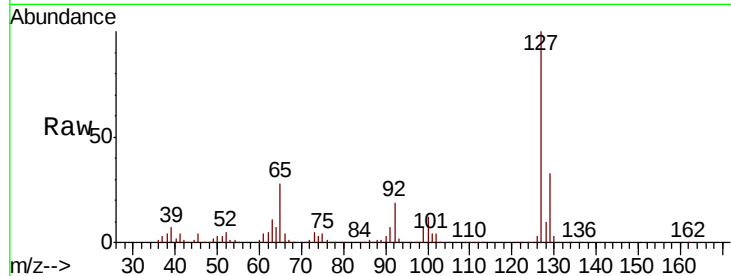




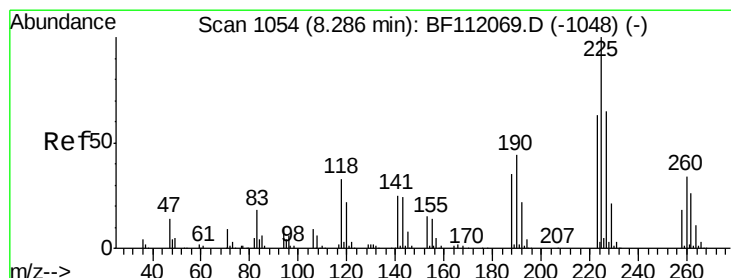
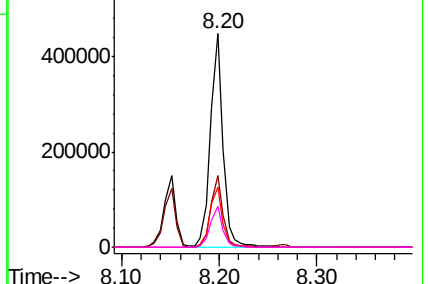
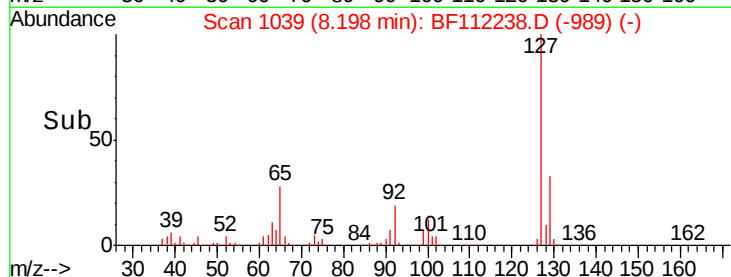
#33
4-Chloroaniline
Concen: 39.858 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	404658
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	28.3	21.4	32.2
92	19.0	14.2	21.2

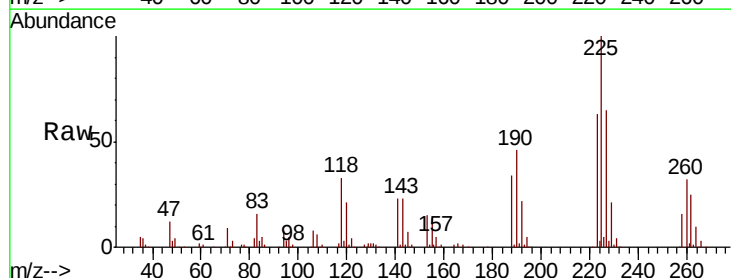


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

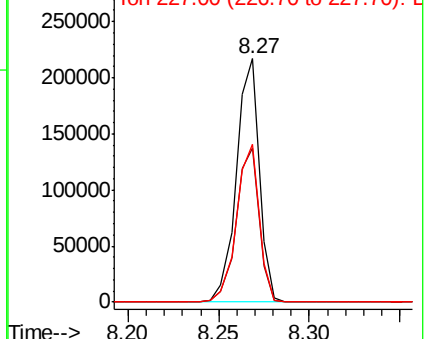
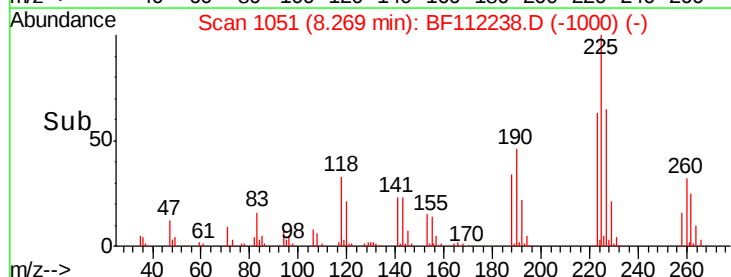


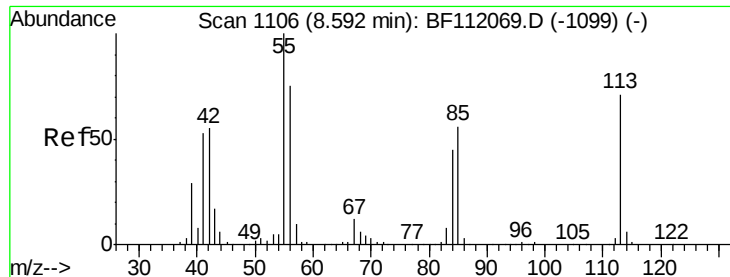
#34
Hexachlorobutadiene
Concen: 39.670 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:	225	Resp:	190538
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	64.6	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

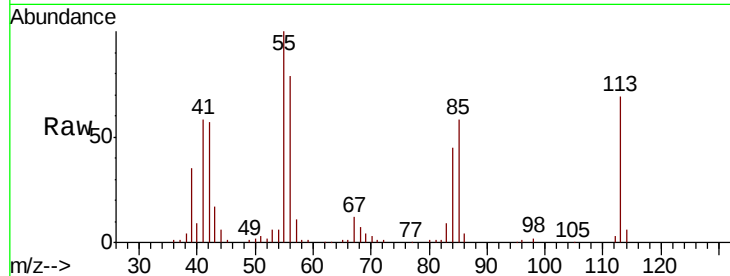




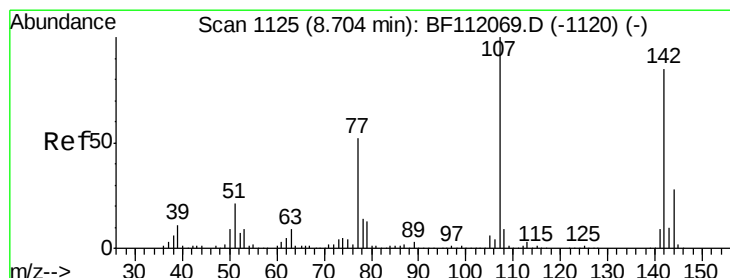
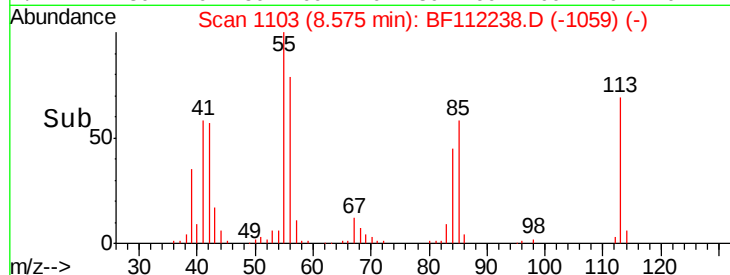
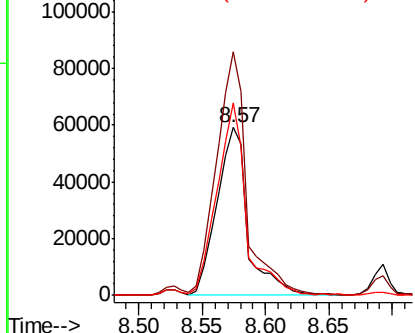
#35
 Caprolactam
 Concen: 39.774 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.04 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 99911
 Ion Ratio Lower Upper
 113 100
 55 145.3 121.6 161.6
 56 114.7 86.7 126.7

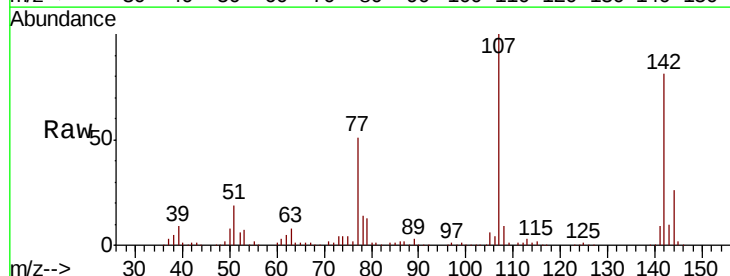


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

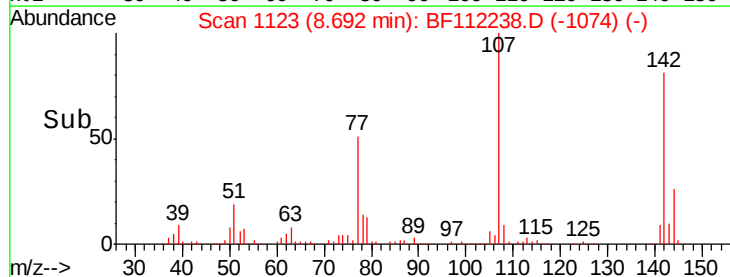
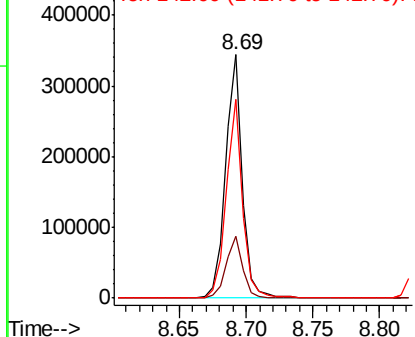


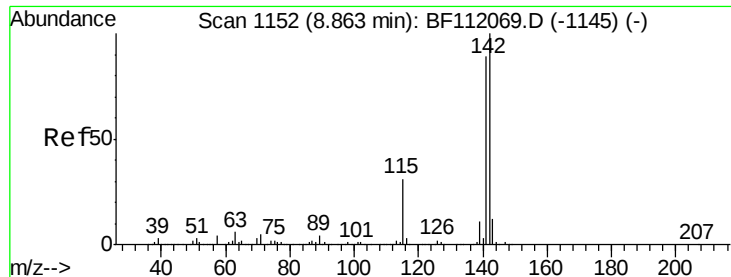
#36
 4-Chloro-3-methylphenol
 Concen: 40.561 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion:107 Resp: 305754
 Ion Ratio Lower Upper
 107 100
 144 25.6 22.2 33.2
 142 81.5 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

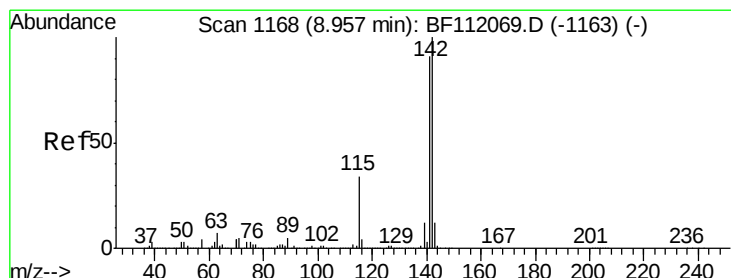
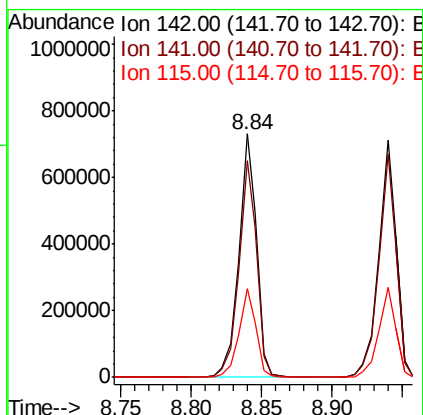
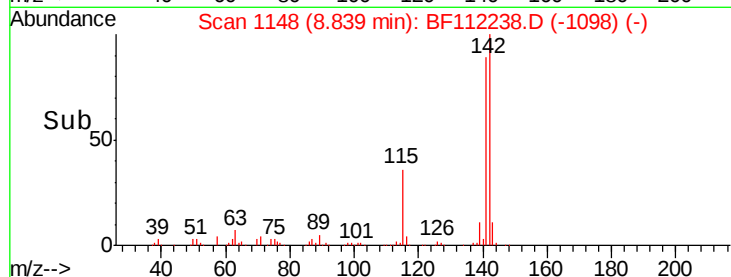
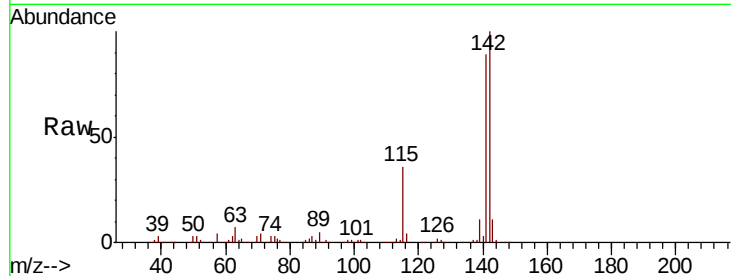




#37
2-Methylnaphthalene
Concen: 39.801 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

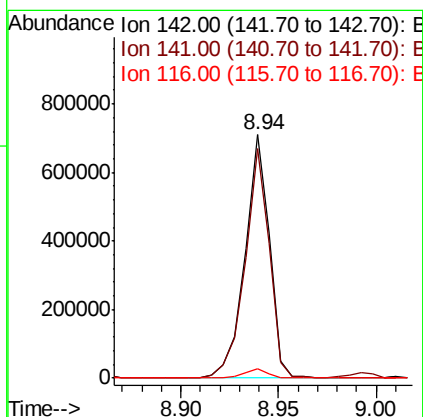
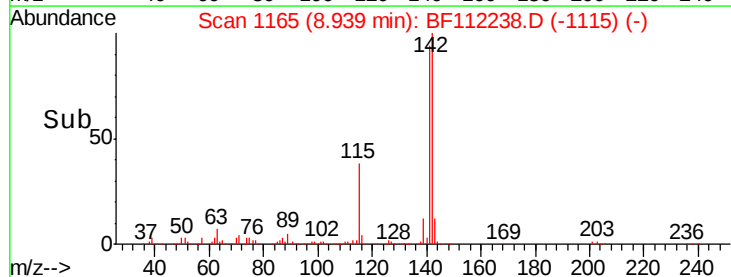
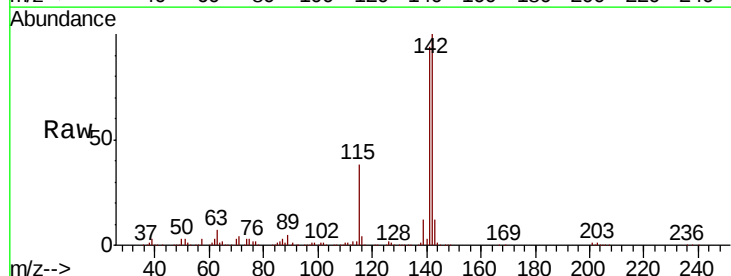
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

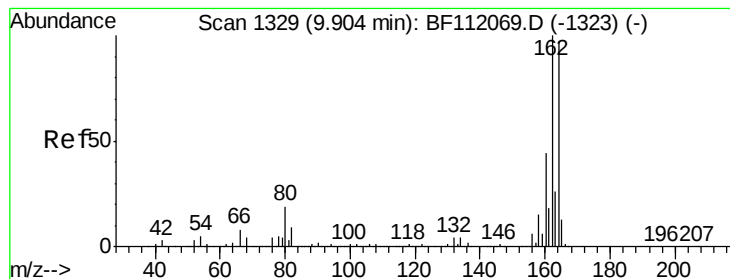
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	36.4	24.9	37.3



#38
1-Methylnaphthalene
Concen: 40.075 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.6	108.8
116	4.0	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

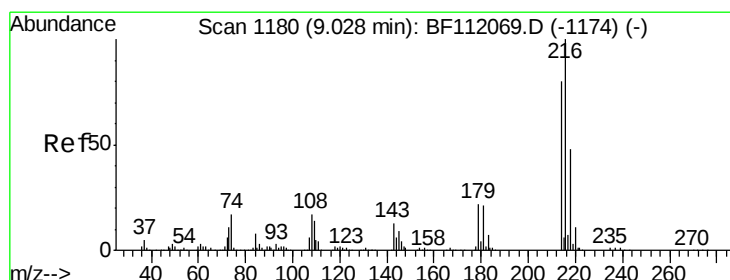
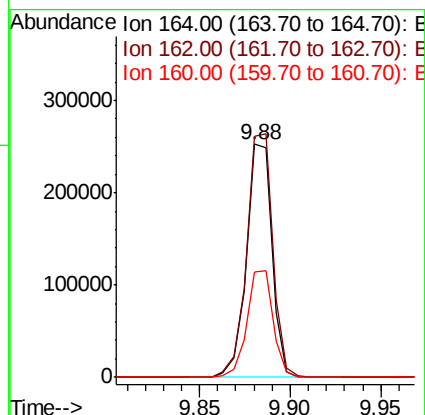
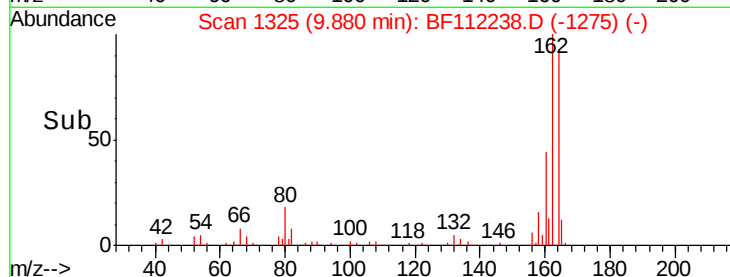
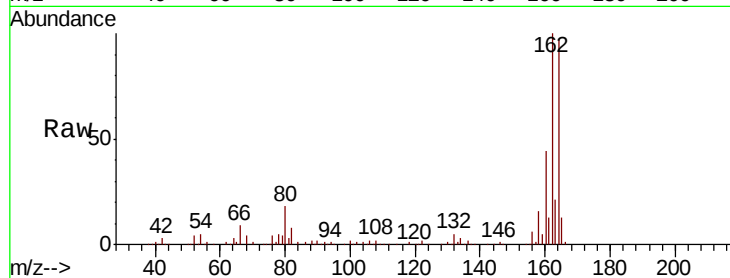
Tgt Ion:164 Resp: 246781

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.4

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.704 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Tgt Ion:216 Resp: 313606

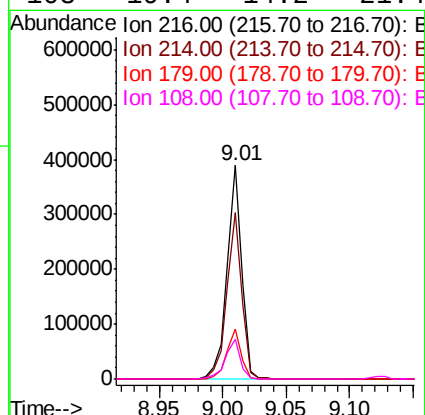
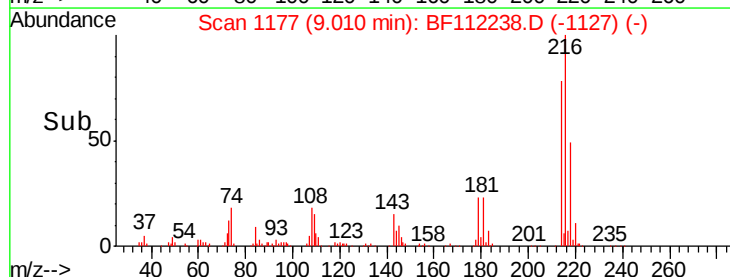
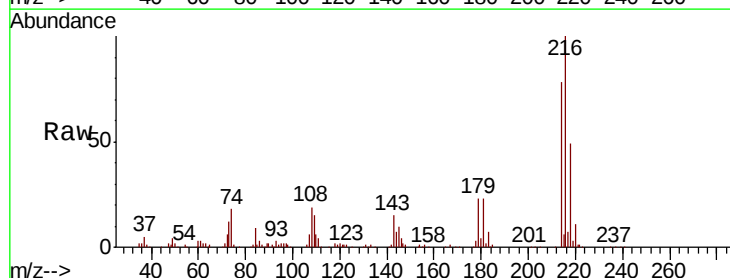
Ion Ratio Lower Upper

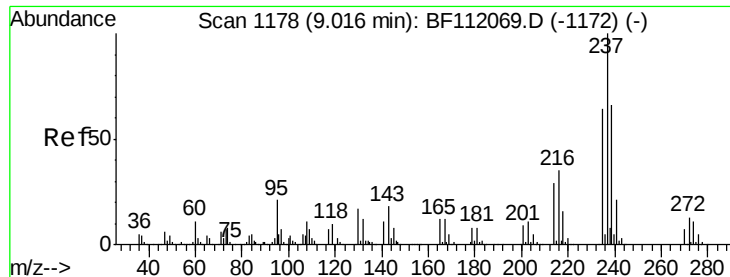
216 100

214 79.0 63.8 95.6

179 22.9 16.9 25.3

108 19.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 37.627 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

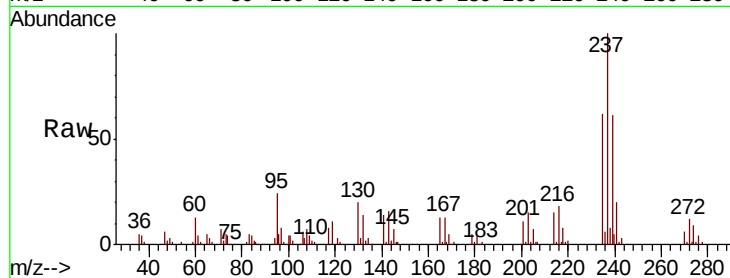
Tgt Ion:237 Resp: 98005

Ion Ratio Lower Upper

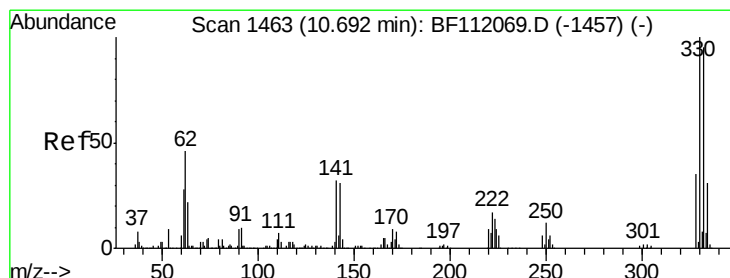
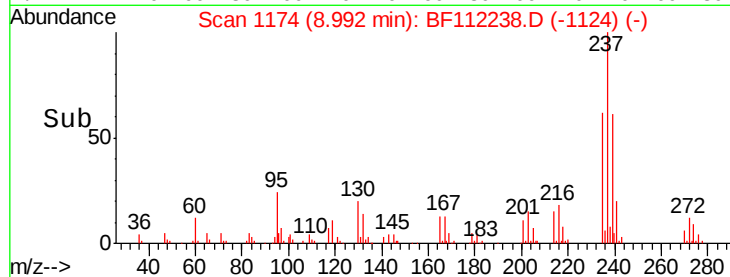
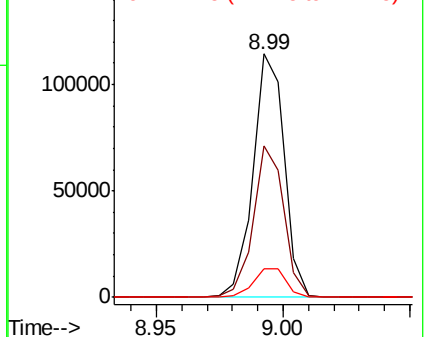
237 100

235 62.1 44.0 84.0

272 11.5 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: 86.739 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

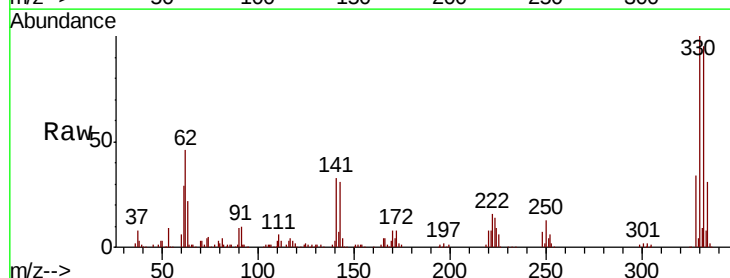
Tgt Ion:330 Resp: 249154

Ion Ratio Lower Upper

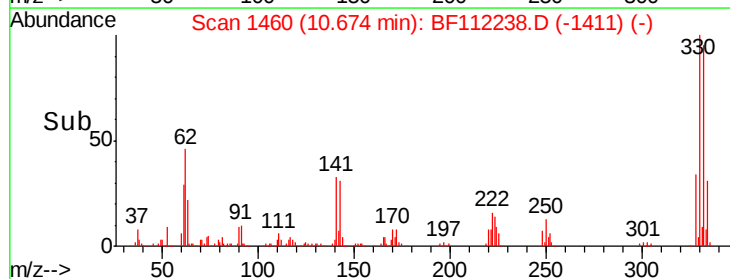
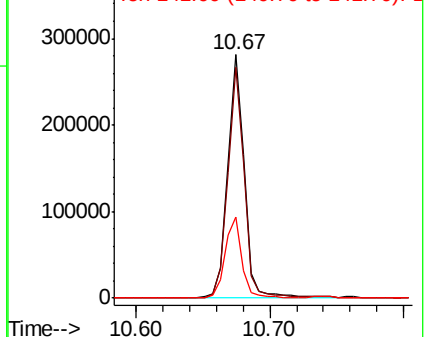
330 100

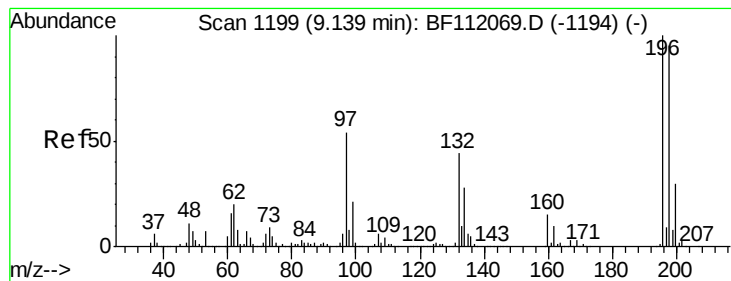
332 95.3 76.6 114.8

141 33.9 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: 39.751 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

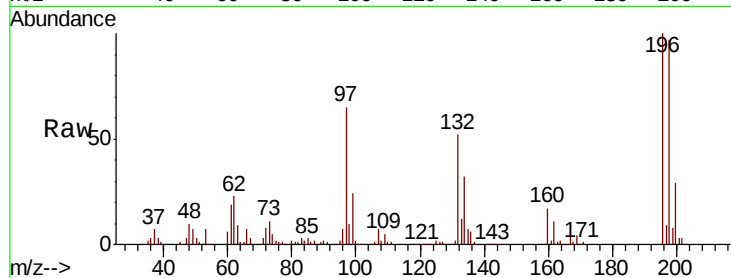
Tgt Ion:196 Resp: 198539

Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.4

200 29.2 24.3 36.5

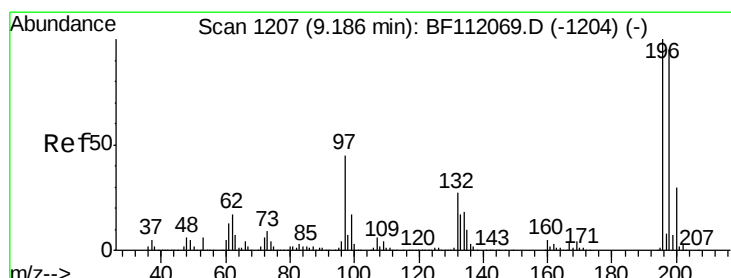
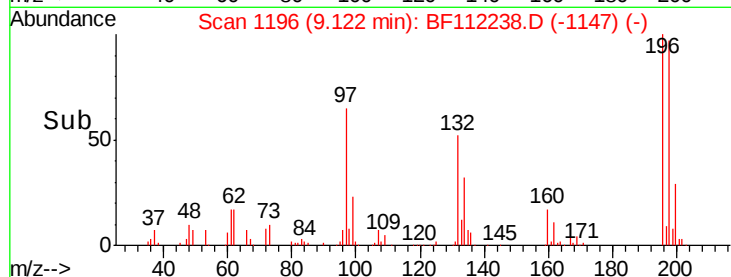
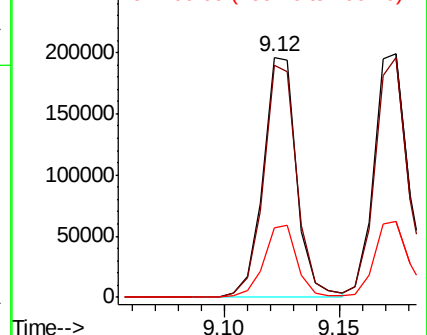


Abundance

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: 40.661 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Tgt Ion:196 Resp: 212250

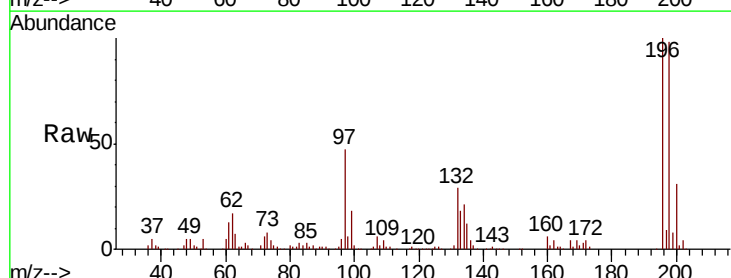
Ion Ratio Lower Upper

196 100

198 98.5 76.0 114.0

97 46.8 36.4 54.6

132 28.9 21.5 32.3



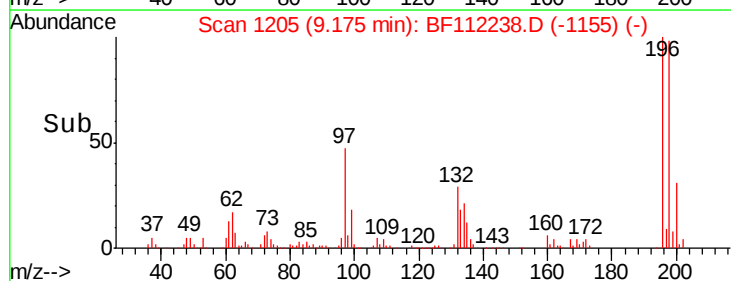
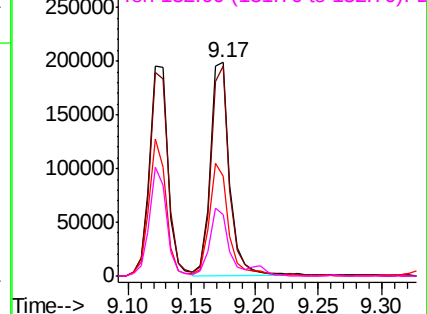
Abundance

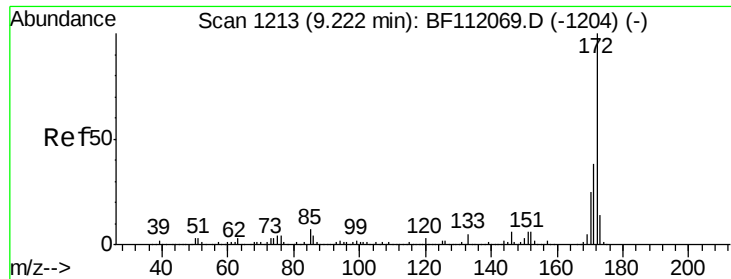
Ion 196.00 (195.70 to 196.70): E

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

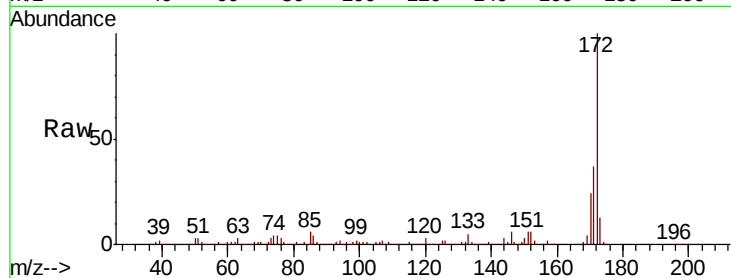




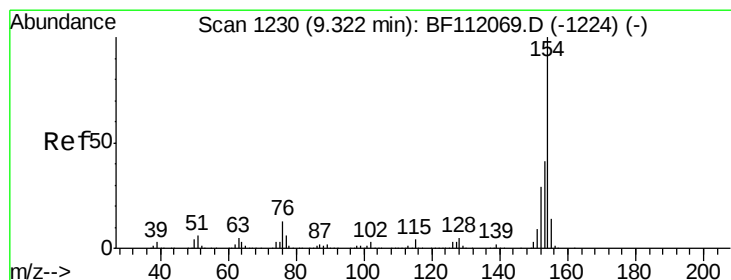
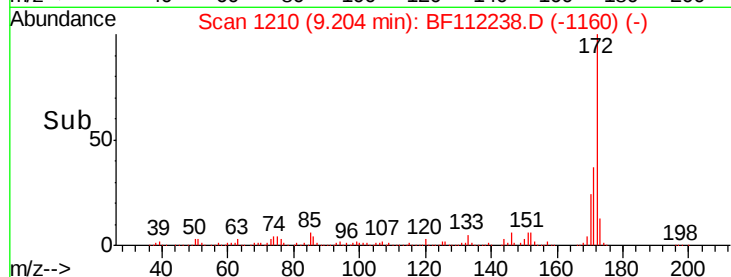
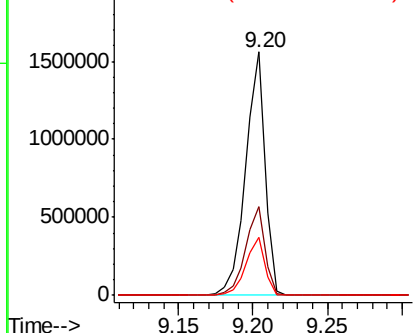
#45
 2-Fluorobiphenyl
 Concen: 80.642 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 1407089
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.1 20.2 30.4

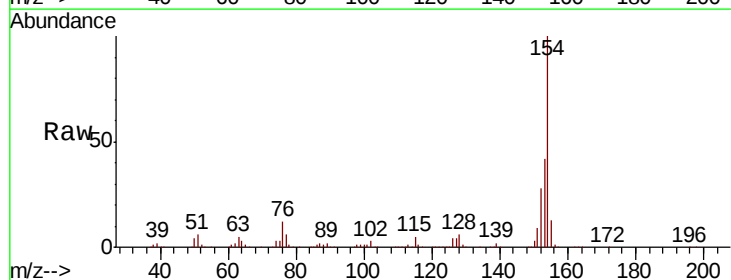


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

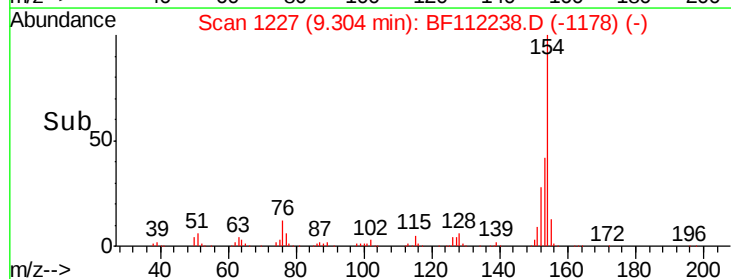
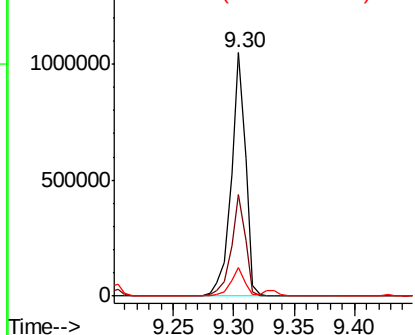


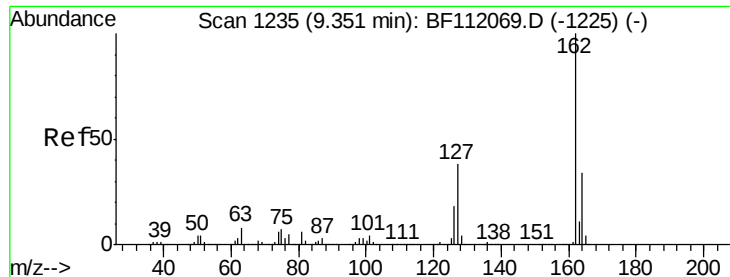
#46
 1,1'-Biphenyl
 Concen: 40.119 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion:154 Resp: 865553
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.5 61.5
 76 11.6 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: 40.091 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

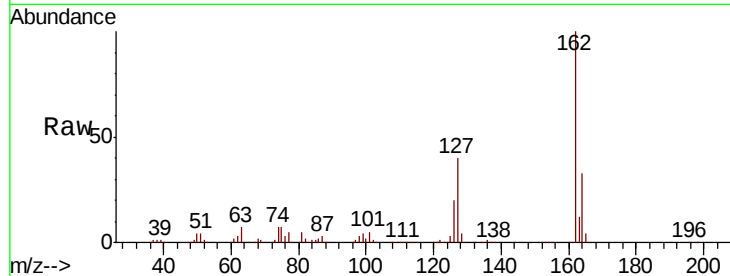
Tgt Ion: 162 Resp: 670736

Ion Ratio Lower Upper

162 100

127 40.2 30.4 45.6

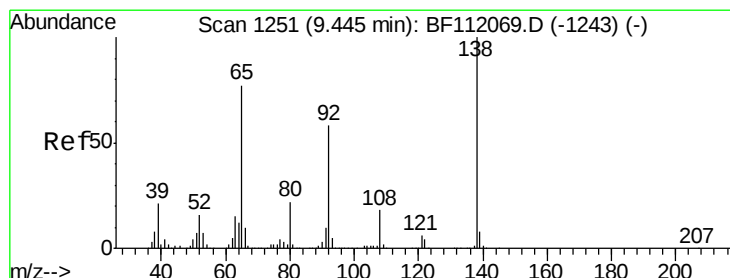
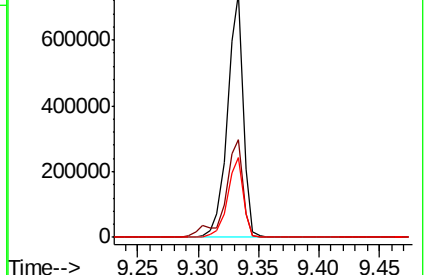
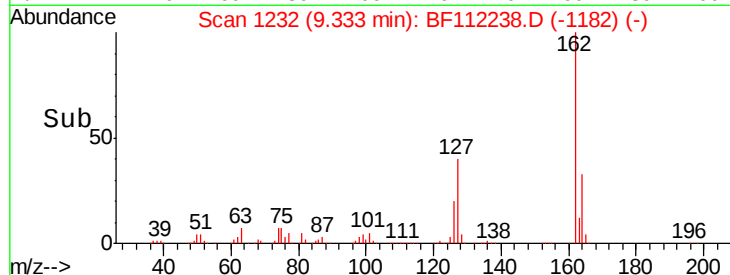
164 32.6 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.640 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

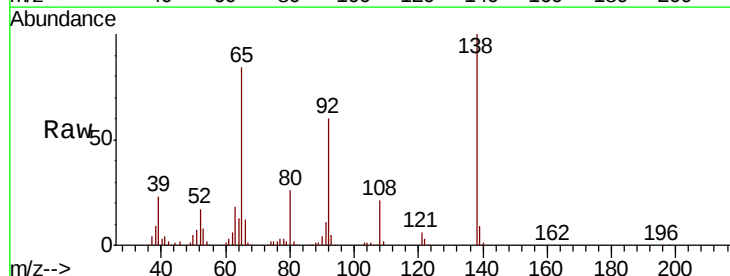
Tgt Ion: 65 Resp: 189879

Ion Ratio Lower Upper

65 100

92 70.7 60.4 90.6

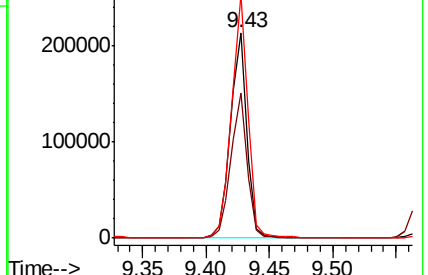
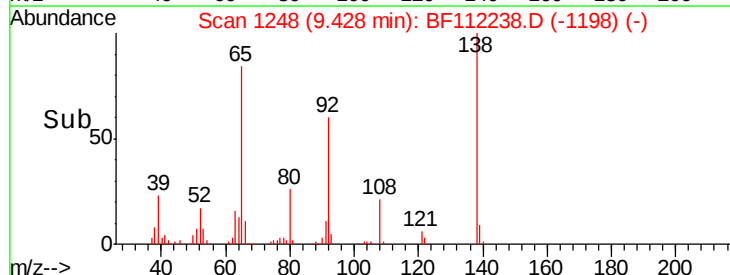
138 118.5 104.4 156.6

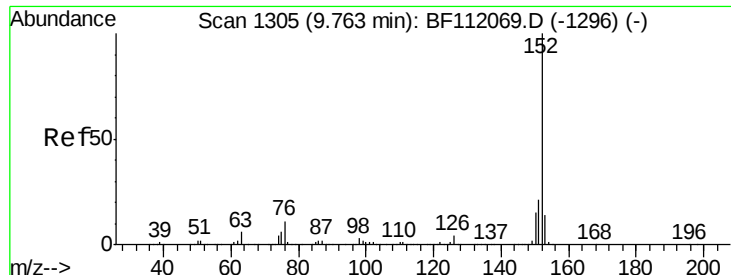


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.096 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

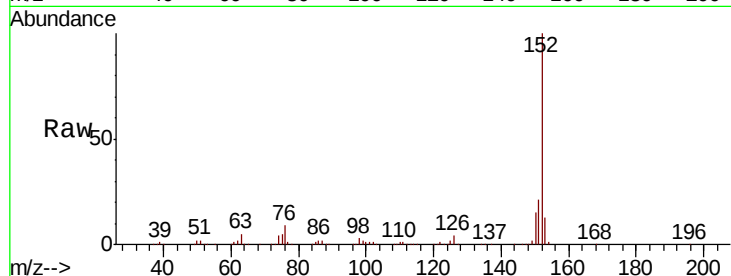
Tgt Ion:152 Resp: 983232

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

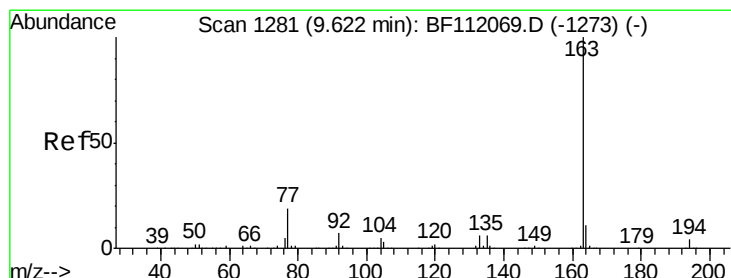
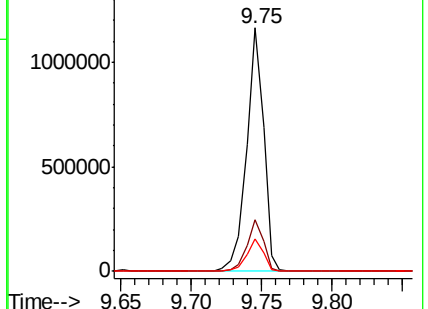
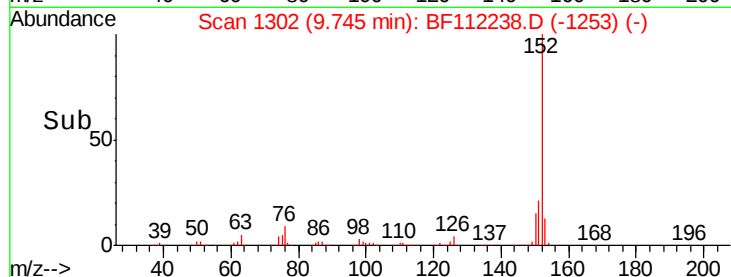
153 13.5 11.2 16.8



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: 40.001 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

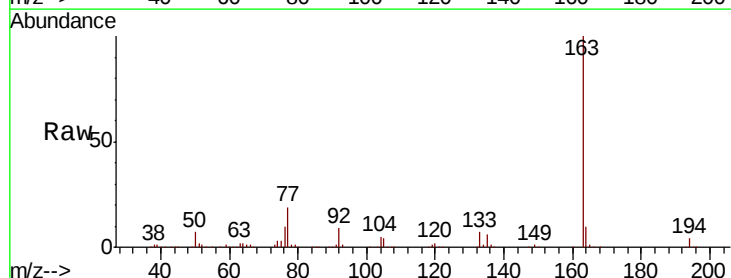
Tgt Ion:163 Resp: 766960

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

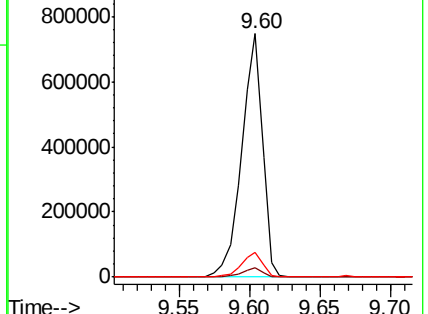
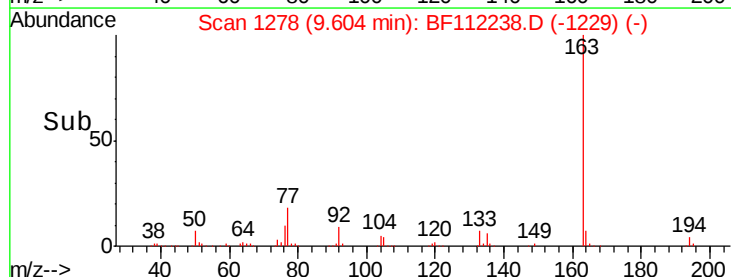
164 9.9 8.5 12.7

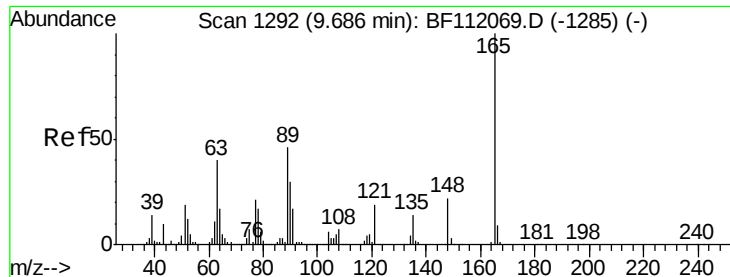


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

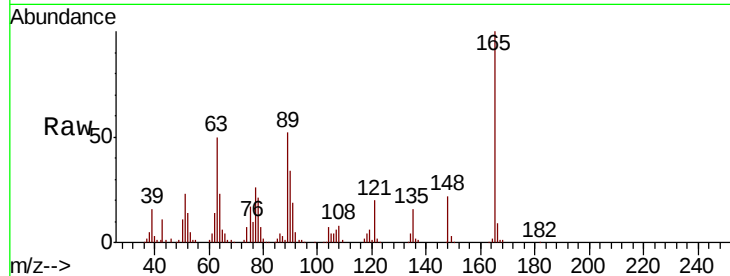




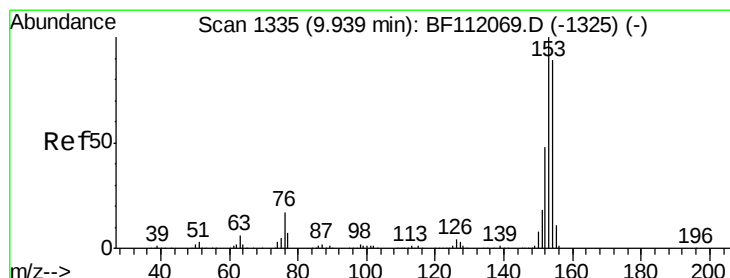
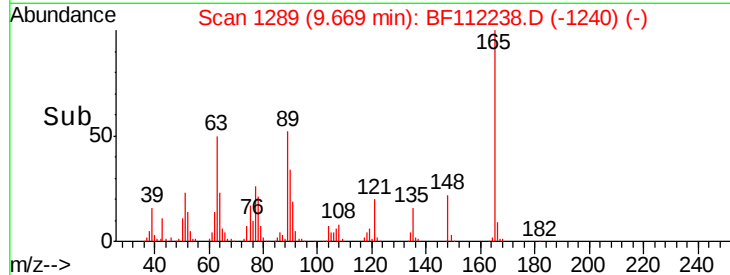
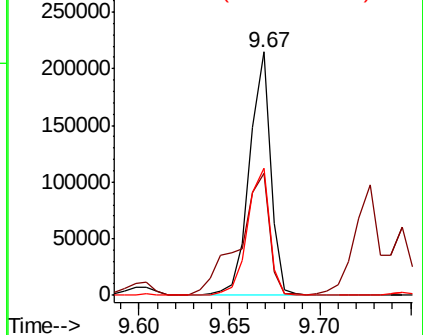
#51
2,6-Dinitrotoluene
Concen: 40.631 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 174474
Ion Ratio Lower Upper
165 100
63 49.9 33.8 50.8
89 52.4 36.9 55.3

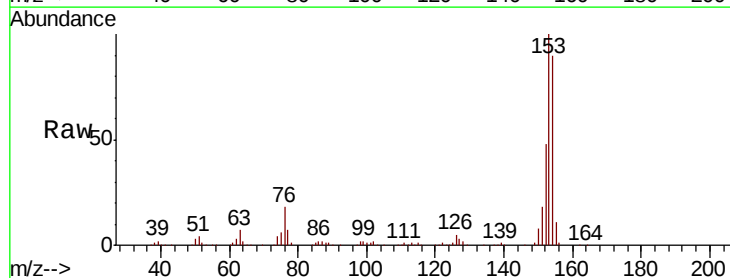


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

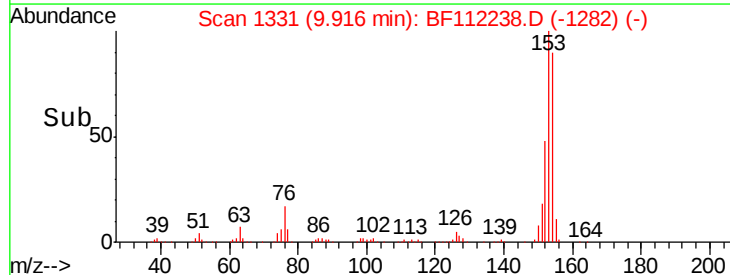
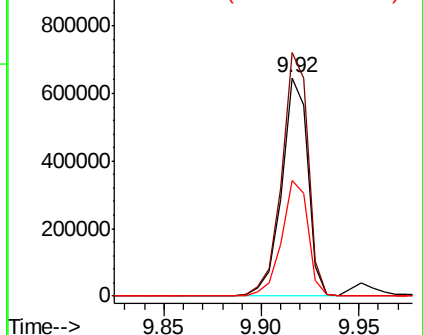


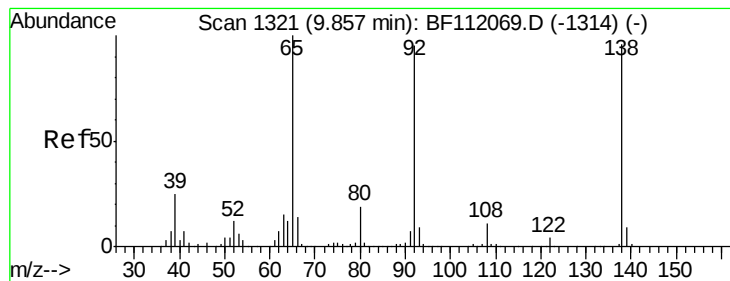
#52
Acenaphthene
Concen: 40.948 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:154 Resp: 599829
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 53.3 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: 41.436 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

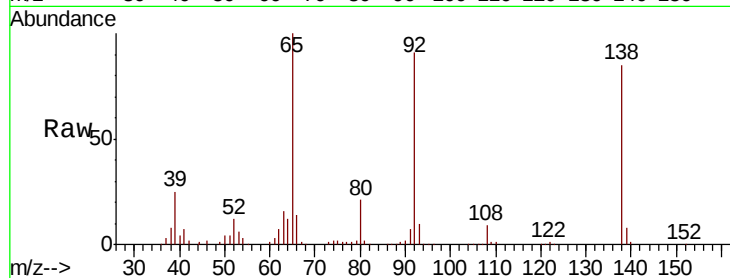
Tgt Ion:138 Resp: 192766

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.6

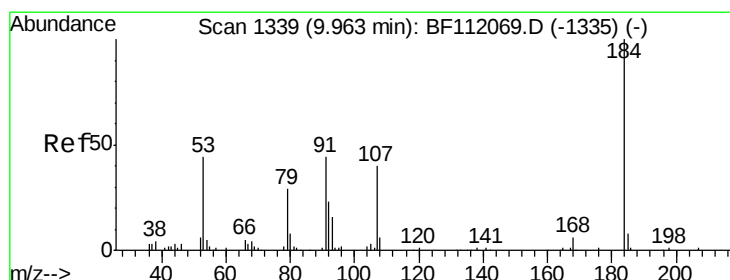
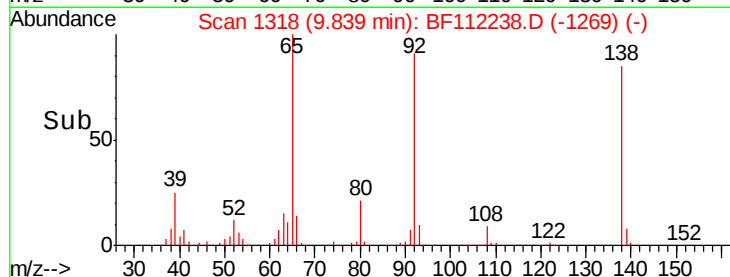
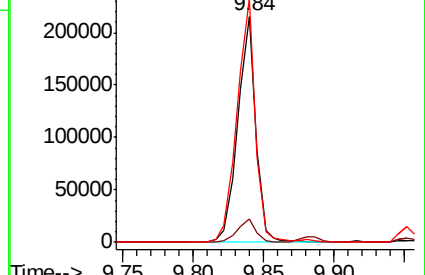
92 107.7 79.4 119.2



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: 40.843 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

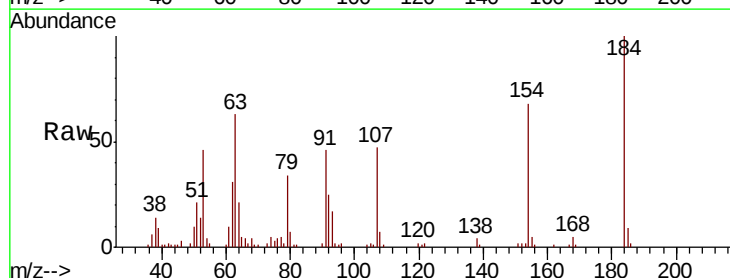
Tgt Ion:184 Resp: 56286

Ion Ratio Lower Upper

184 100

63 62.9 47.1 70.7

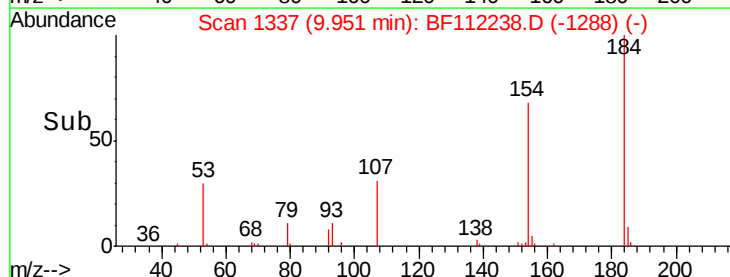
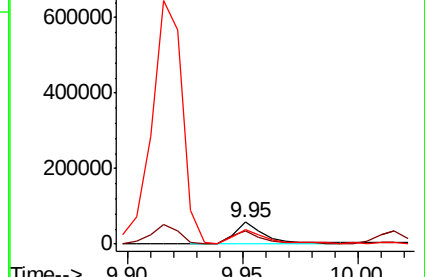
154 68.4 48.9 73.3

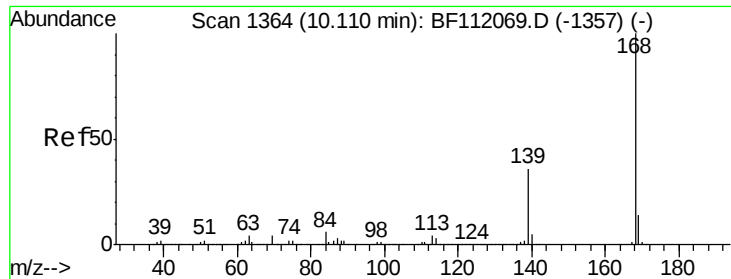


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

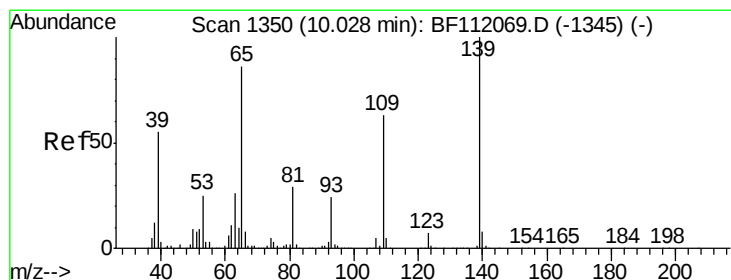
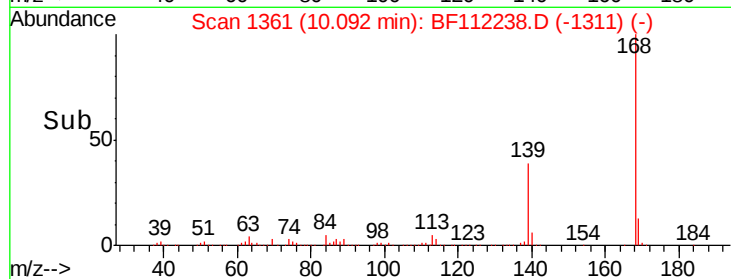
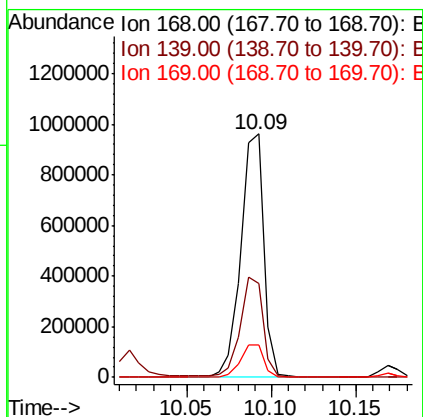
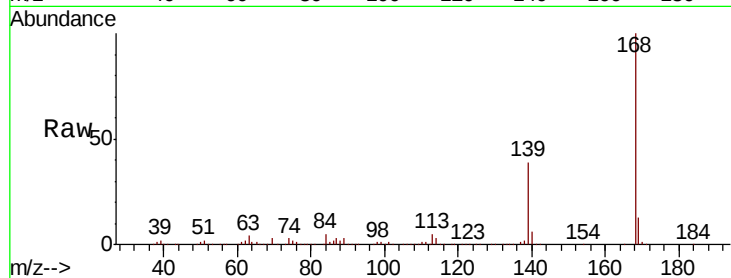




#55
Dibenzenofuran
Concen: 40.966 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

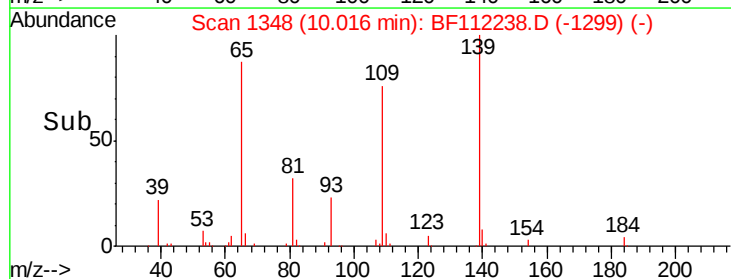
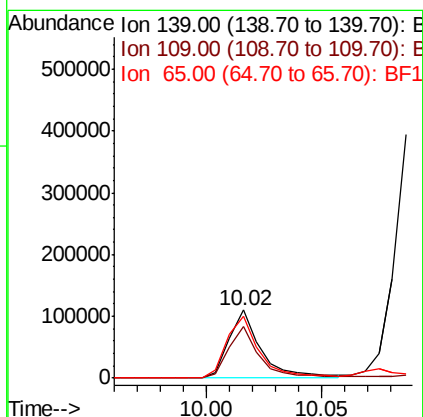
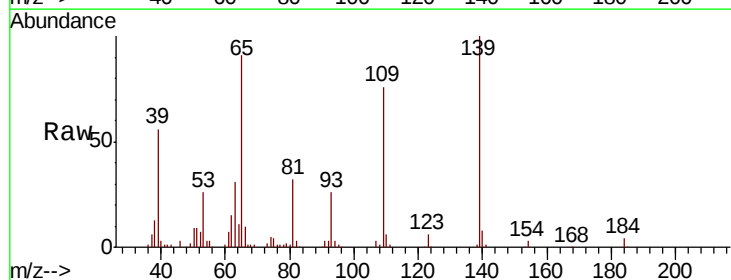
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

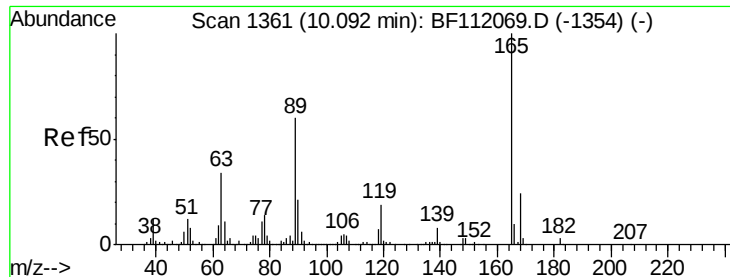
Tgt Ion:168 Resp: 917033
Ion Ratio Lower Upper
168 100
139 38.7 29.2 43.8
169 13.1 11.4 17.0



#56
4-Nitrophenol
Concen: 43.228 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:139 Resp: 106321
Ion Ratio Lower Upper
139 100
109 76.1 42.8 82.8
65 90.8 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 43.353 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 237000

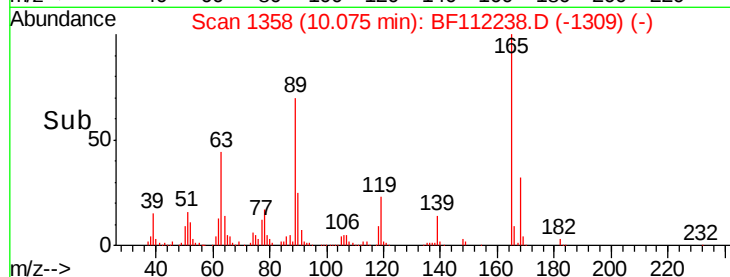
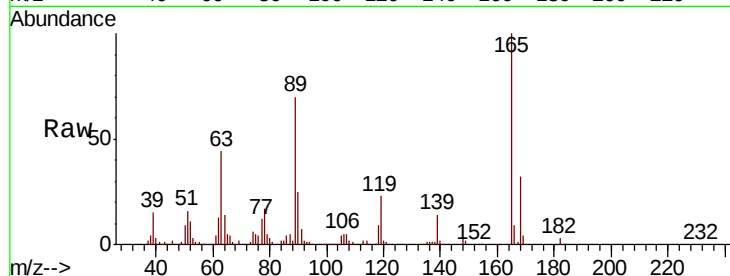
Ion Ratio Lower Upper

165 100

63 44.3 27.9 41.9#

89 69.6 47.9 71.9

182 2.9 2.2 3.4

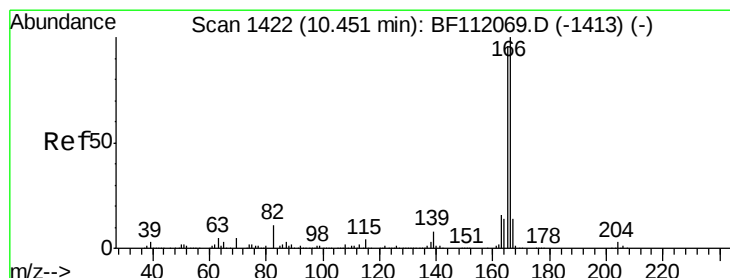
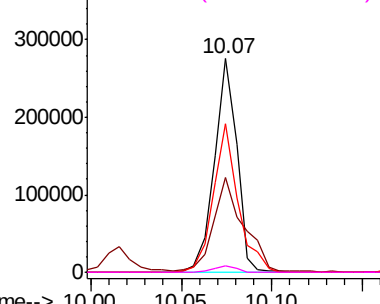


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.014 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

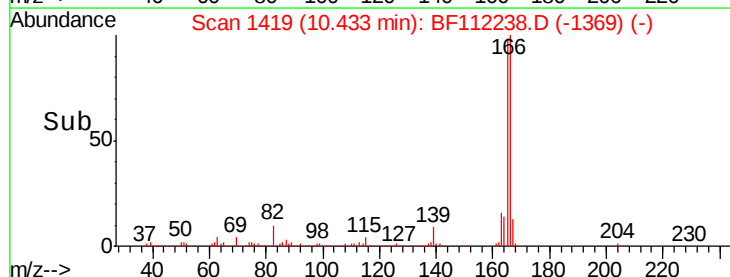
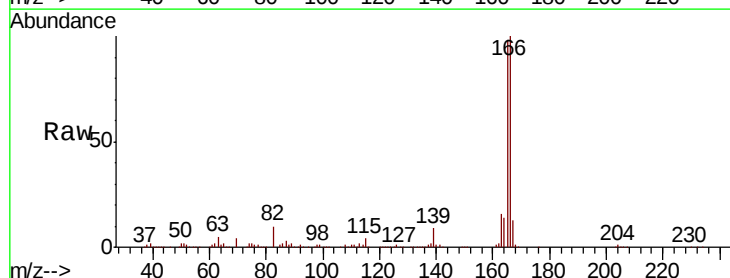
Tgt Ion:166 Resp: 703802

Ion Ratio Lower Upper

166 100

165 98.3 77.1 115.7

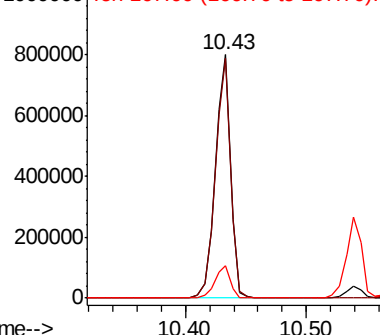
167 13.2 11.3 16.9

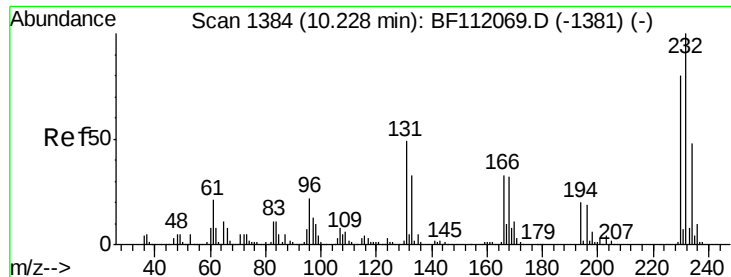


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

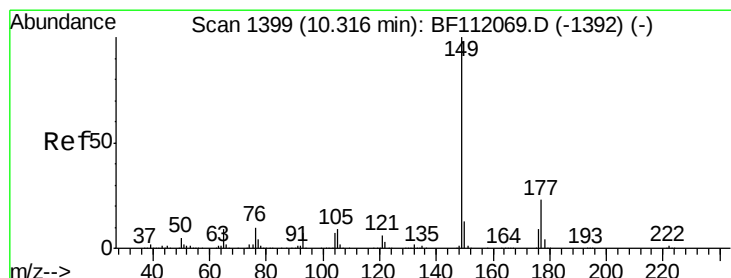
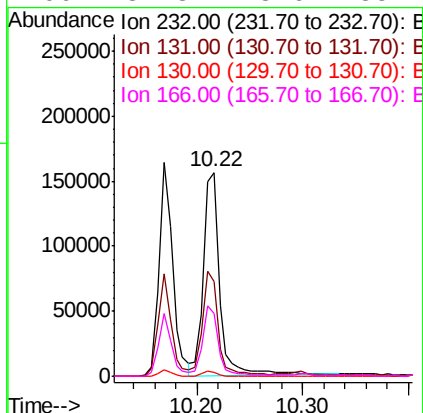
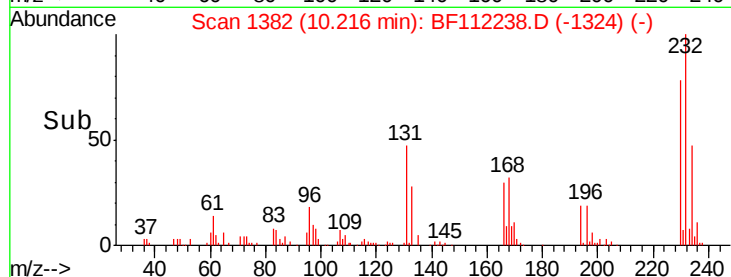
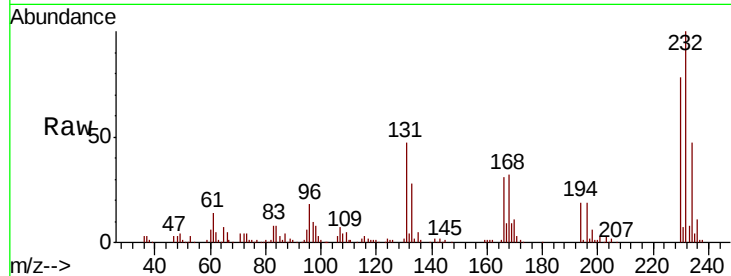




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.684 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.04 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

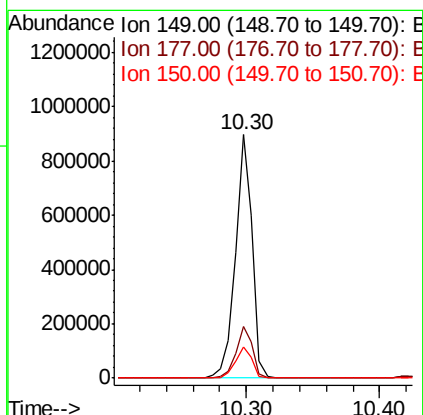
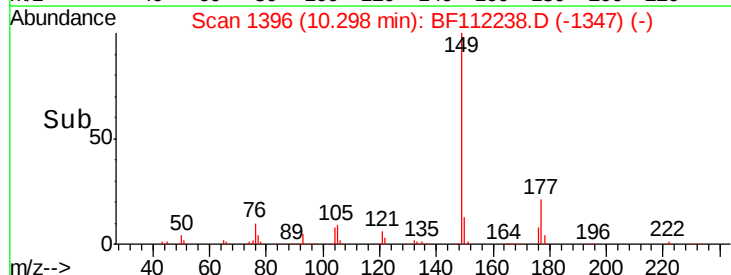
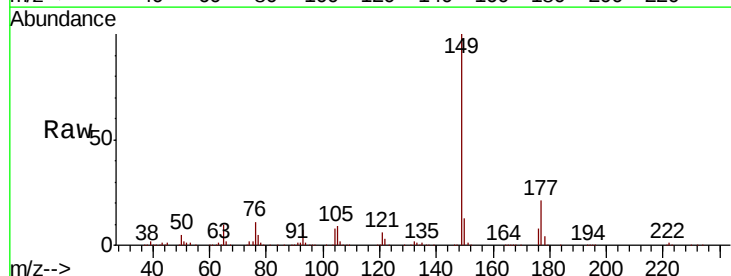
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

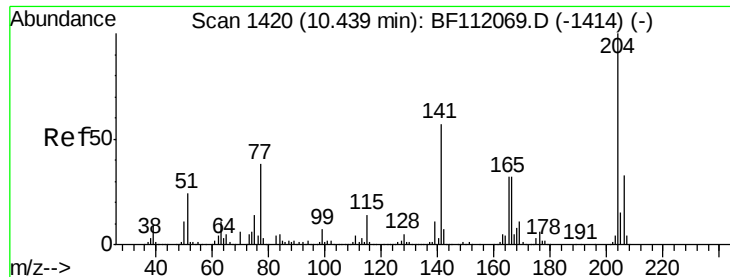
Tgt Ion:	232	Resp:	167005
Ion	Ratio	Lower	Upper
232	100		
131	50.5	33.9	50.9
130	2.5	1.8	2.6
166	31.3	23.6	35.4



#60
 Diethylphthalate
 Concen: 41.128 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion:	149	Resp:	782565
Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.2	27.2
150	12.8	10.4	15.6

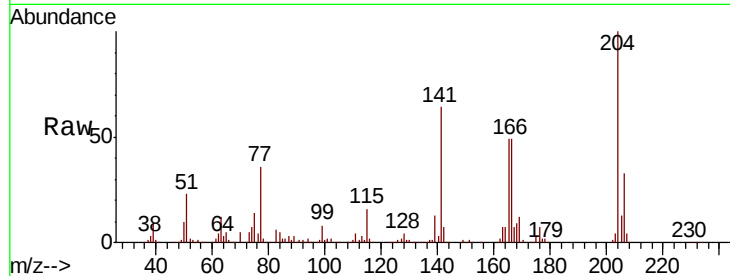




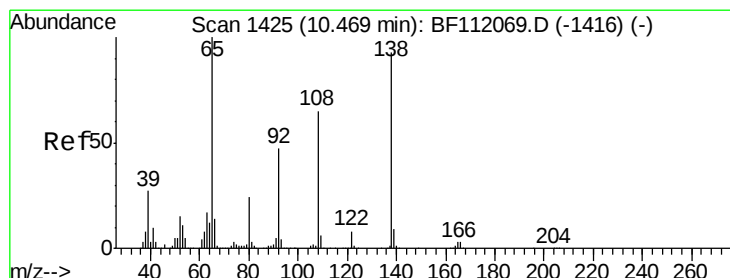
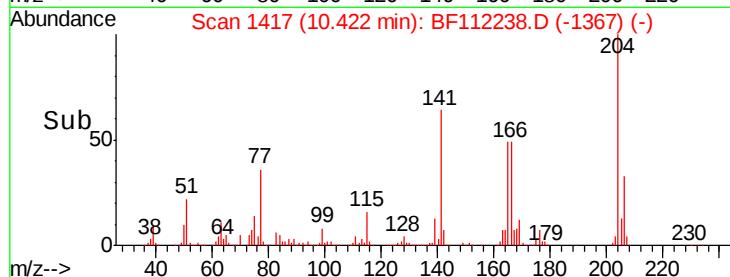
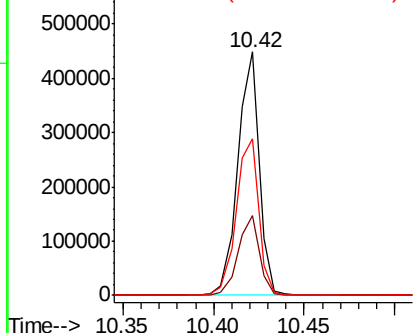
#61
4-Chlorophenyl-phenylether
Concen: 40.522 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 369253
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.3 45.9 68.9

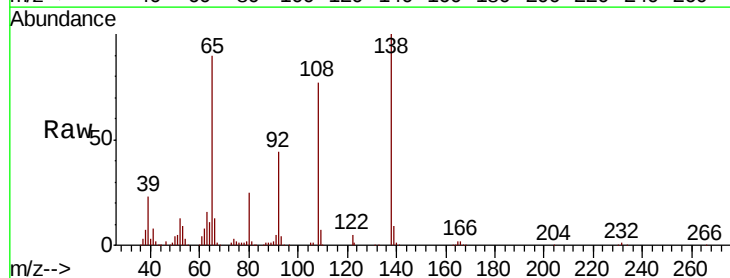


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

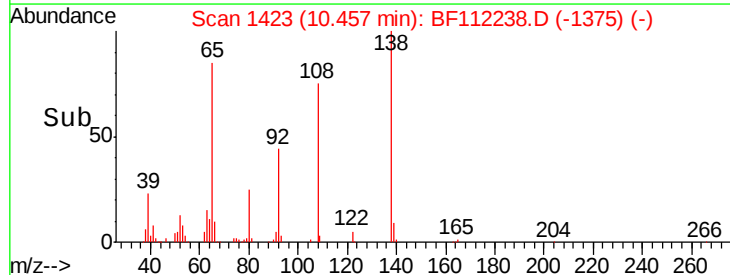
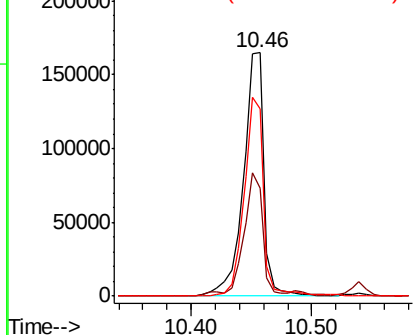


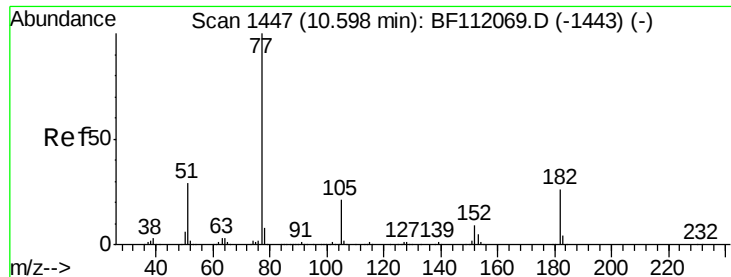
#62
4-Nitroaniline
Concen: 43.163 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:138 Resp: 196957
Ion Ratio Lower Upper
138 100
92 44.3 30.6 70.6
108 76.8 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

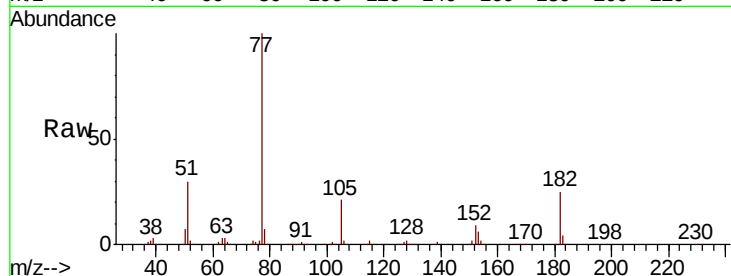




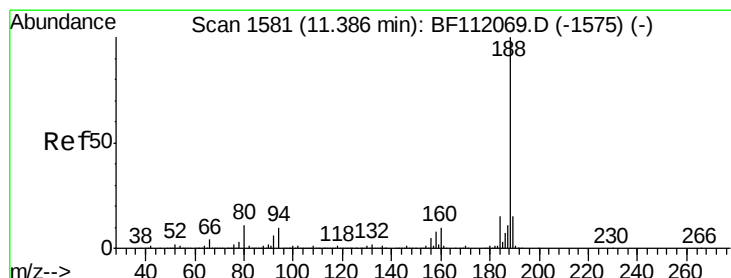
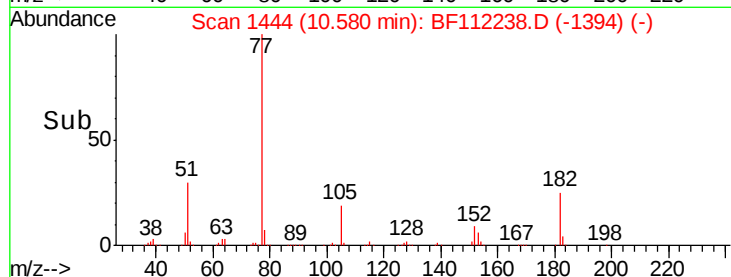
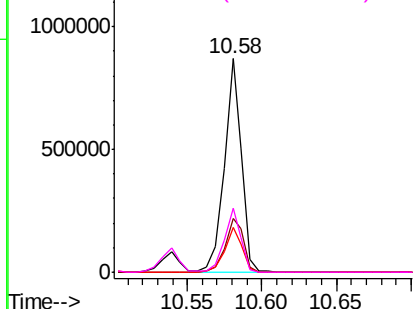
#63
Azobenzene
Concen: 42.150 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	705361
Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.7	45.7
105	20.8	1.4	41.4
51	30.0	9.5	49.5

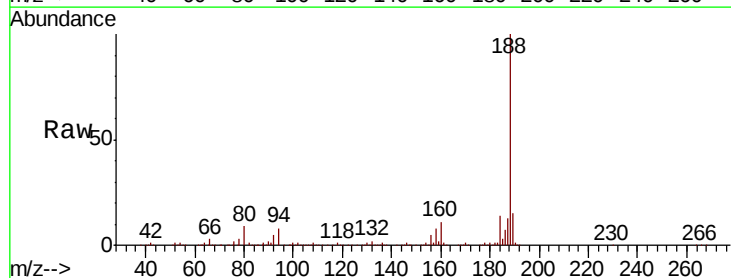


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

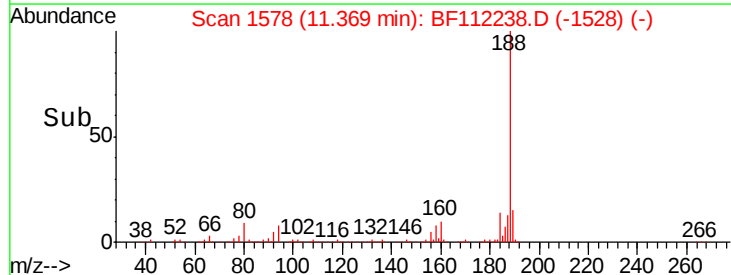
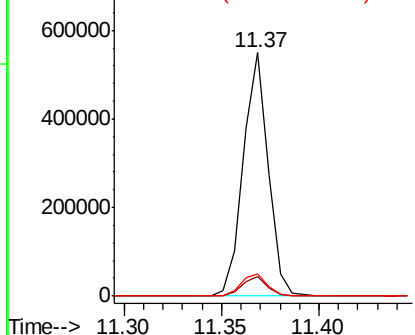


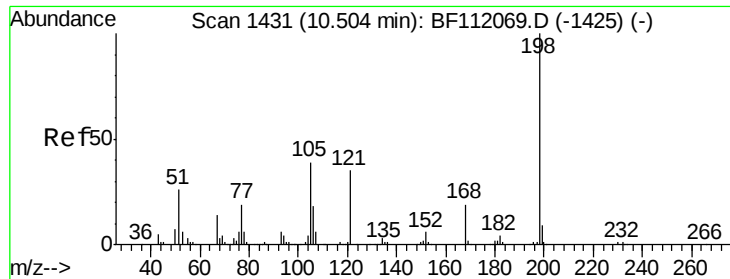
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion:	188	Resp:	488736
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.8	8.9	13.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

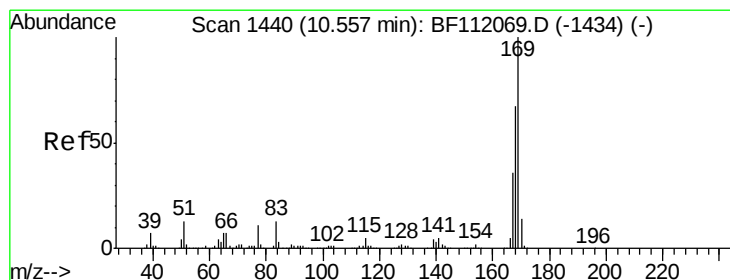
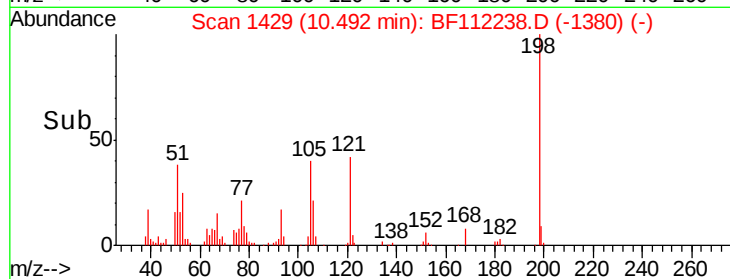
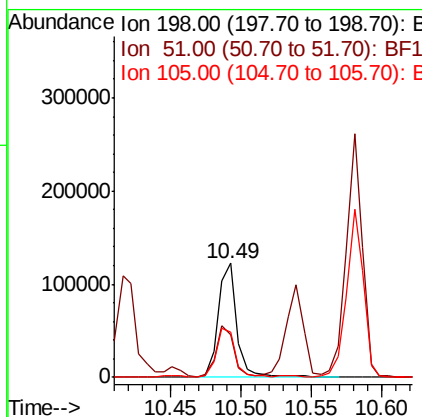
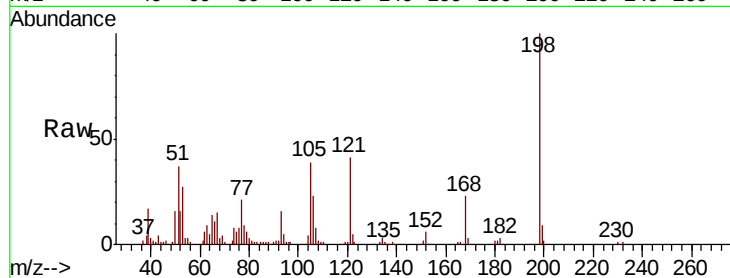




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.207 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

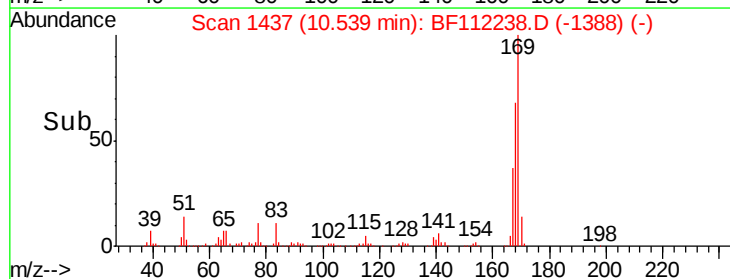
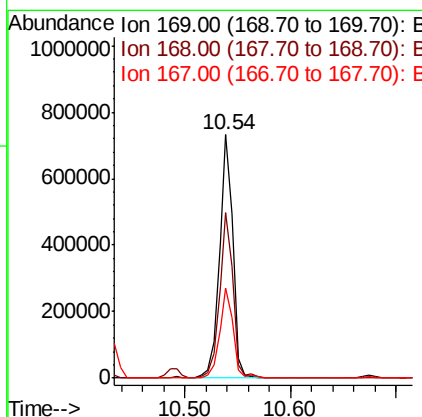
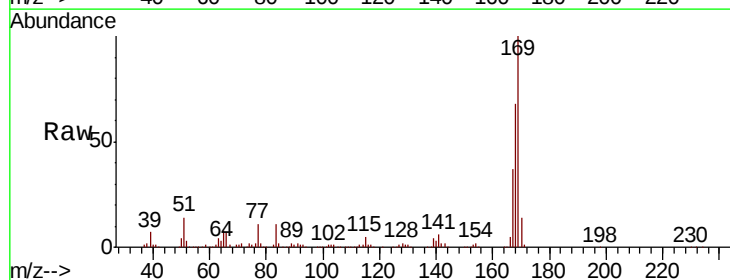
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

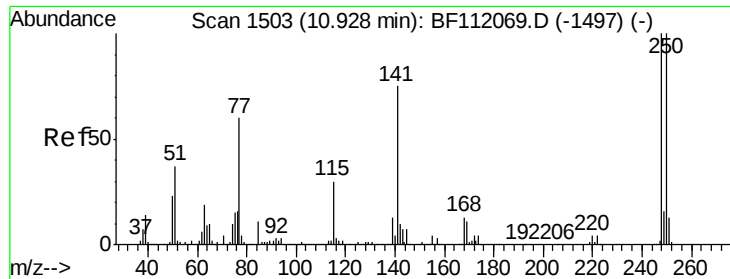
Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.1	17.2	57.2
105	39.2	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 39.884 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	36.7	28.9	43.3

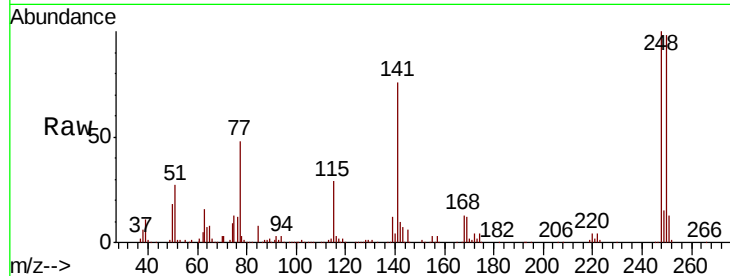




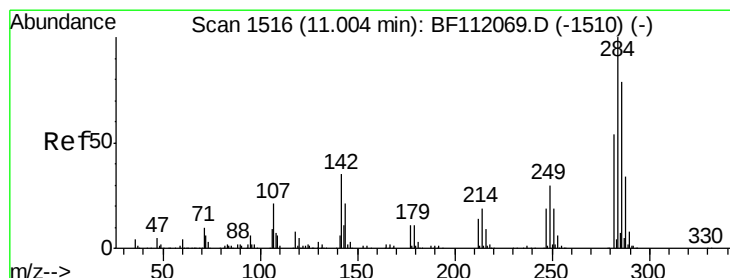
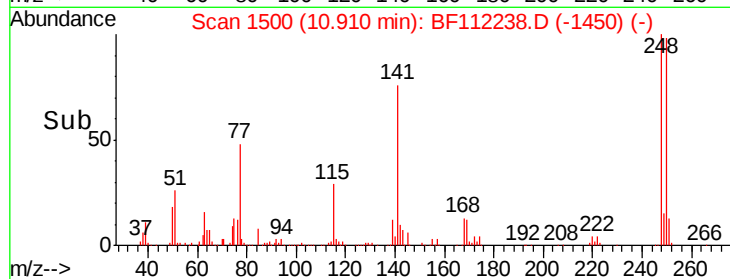
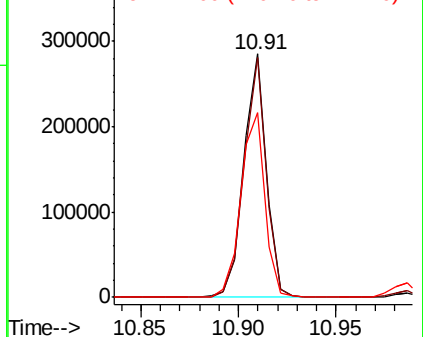
#67
4-Bromophenyl-phenylether
Concen: 39.857 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.7	119.5
141	76.0	60.3	90.5

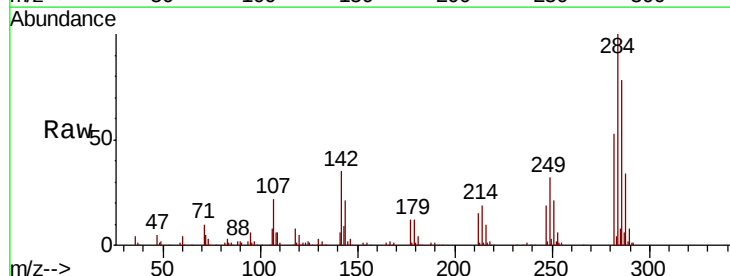


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

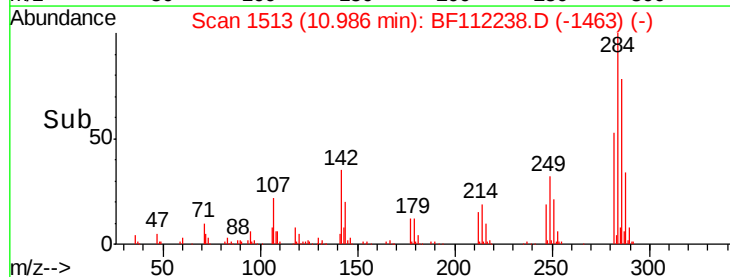
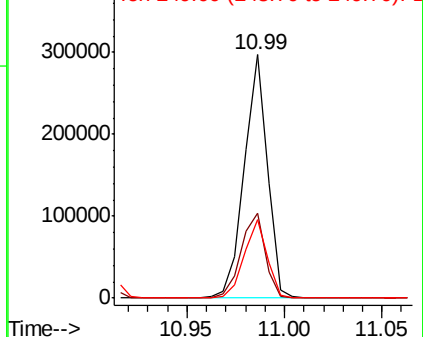


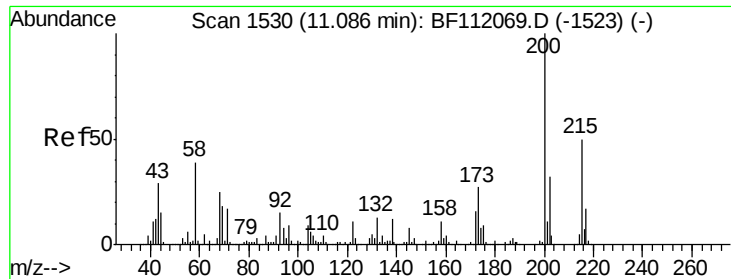
#68
Hexachlorobenzene
Concen: 39.647 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.6	41.4
249	32.3	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: 39.893 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

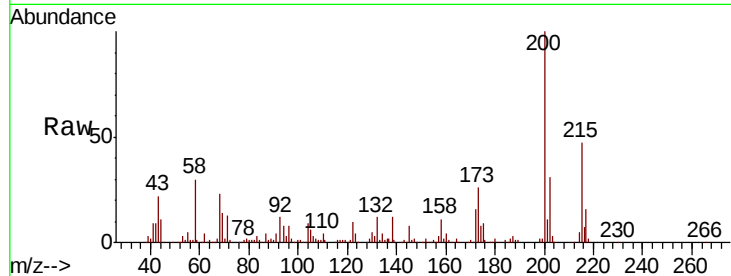
Tgt Ion:200 Resp: 212028

Ion Ratio Lower Upper

200 100

173 26.3 7.1 47.1

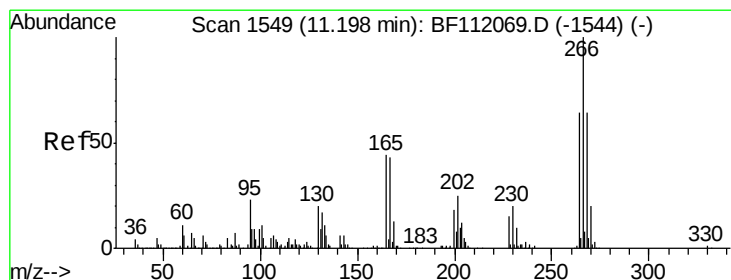
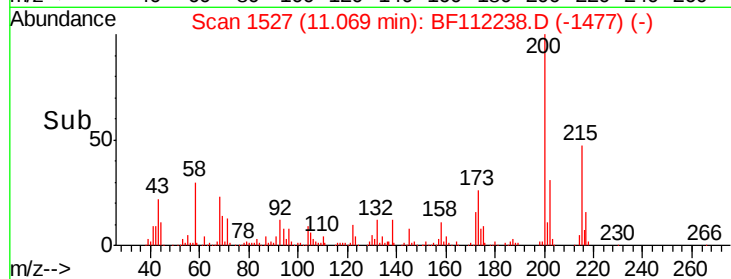
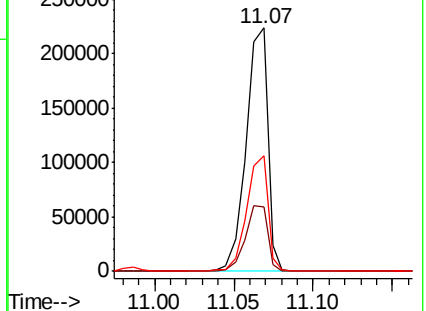
215 47.4 30.4 70.4



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: 41.766 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

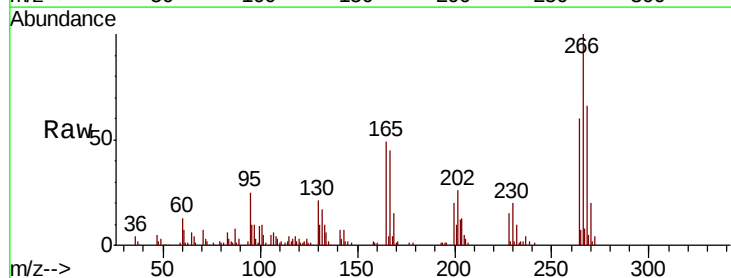
Tgt Ion:266 Resp: 100224

Ion Ratio Lower Upper

266 100

268 66.1 51.2 76.8

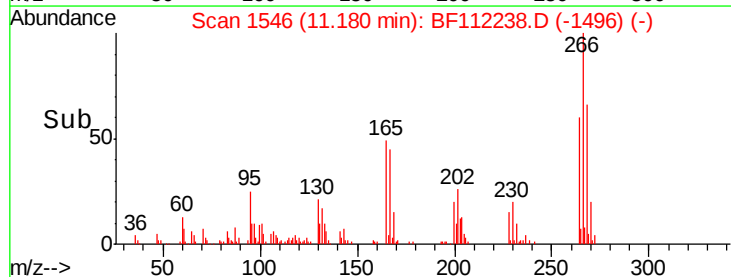
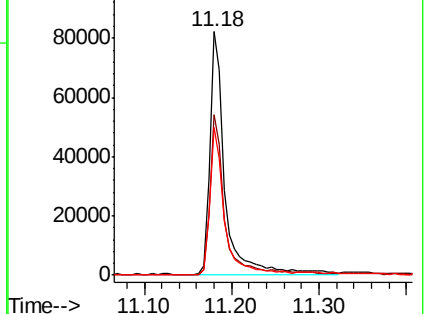
264 60.4 50.9 76.3

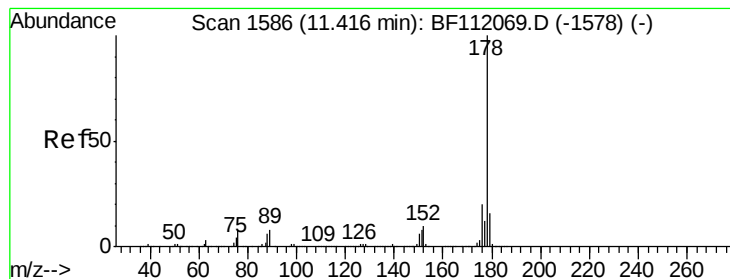


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.377 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

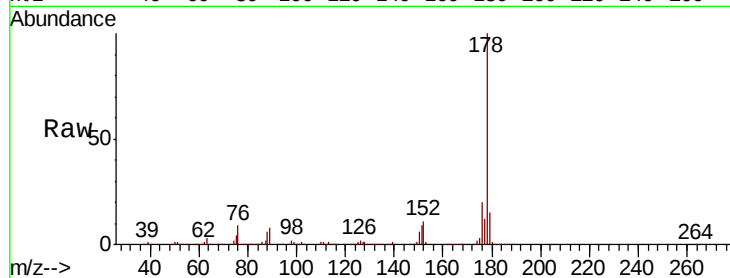
Tgt Ion:178 Resp: 1025938

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

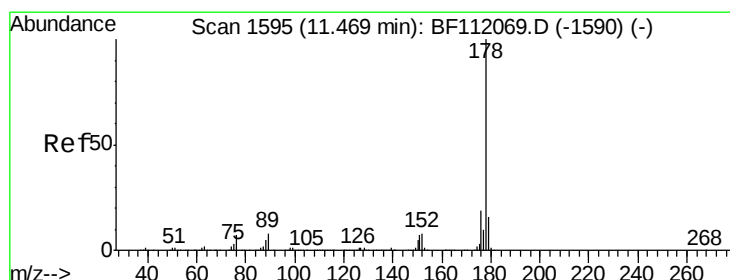
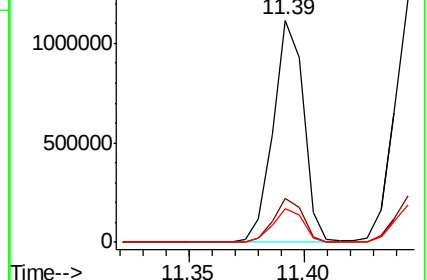
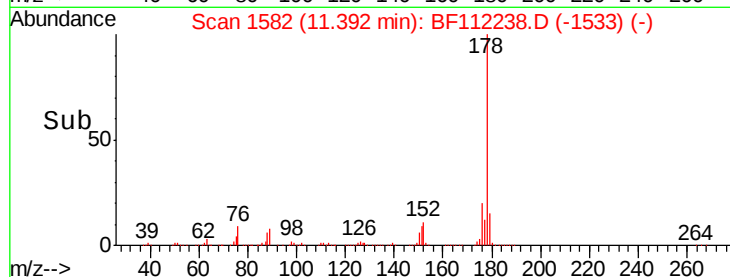
179 15.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.246 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

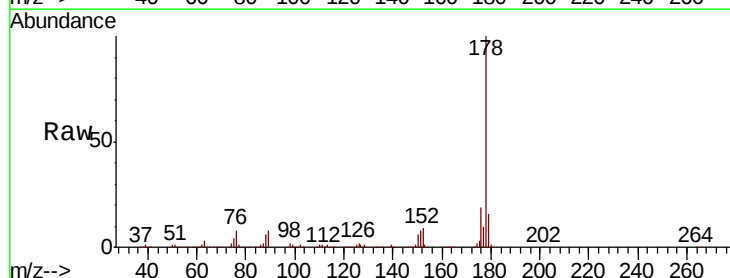
Tgt Ion:178 Resp: 1043940

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

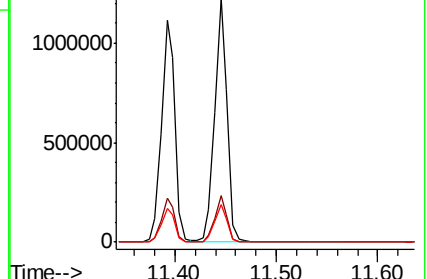
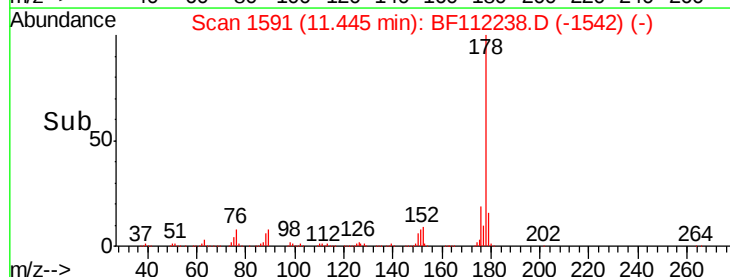
179 15.7 12.8 19.2

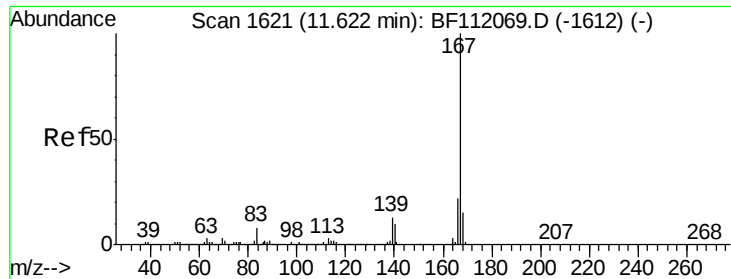


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

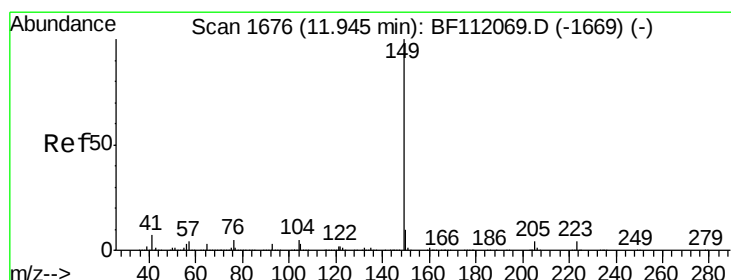
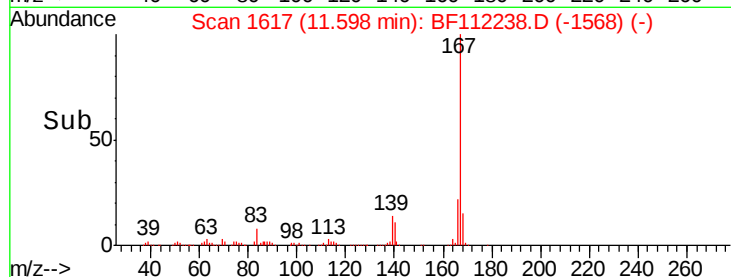
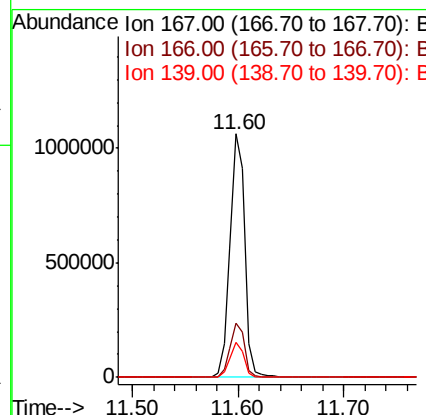
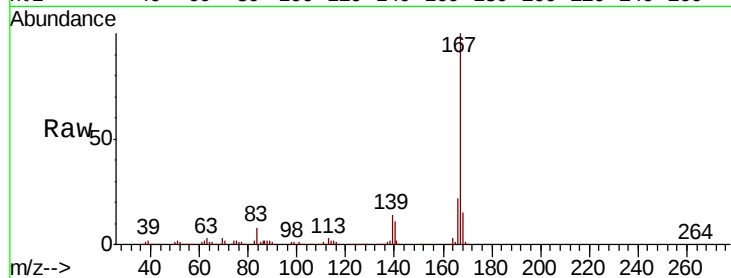




#73
 Carbazole
 Concen: 41.204 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

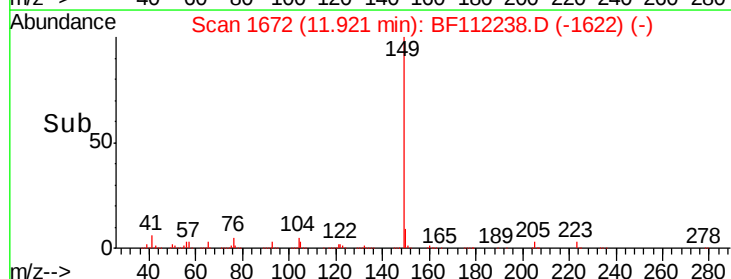
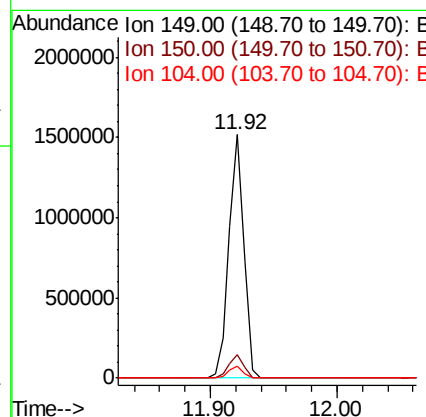
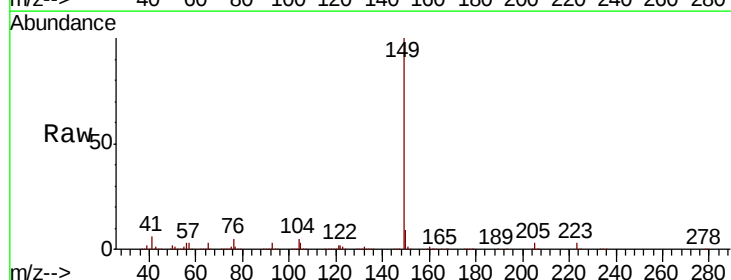
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

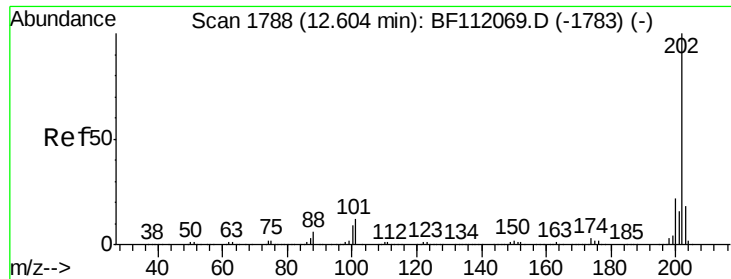
Tgt Ion:167 Resp: 1028714
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 14.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 40.222 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion:149 Resp: 1246448
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 5.1 3.9 5.9

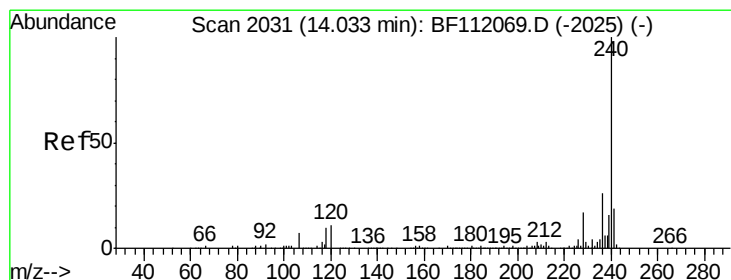
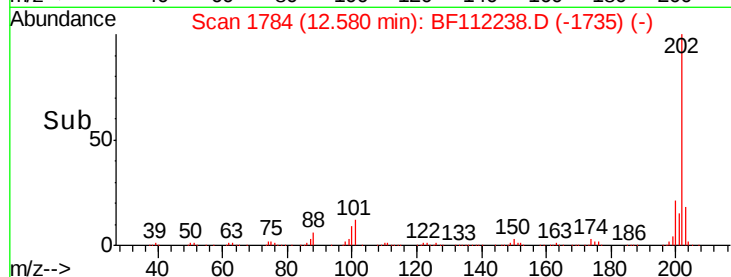
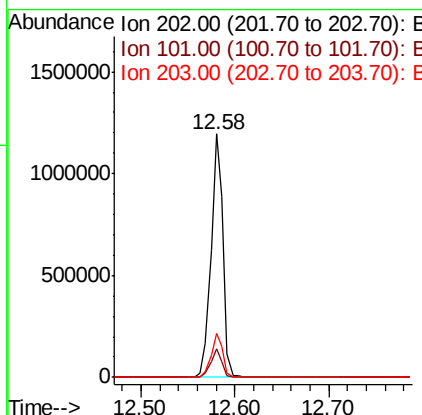
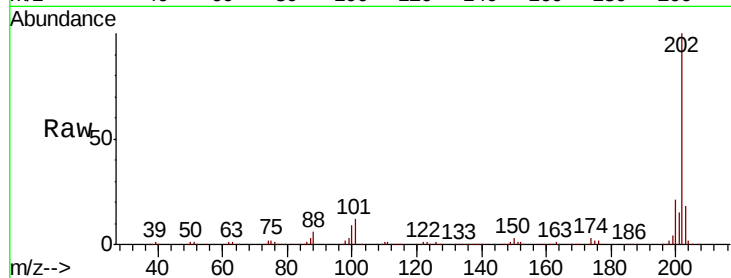




#75
 Fluoranthene
 Concen: 39.314 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

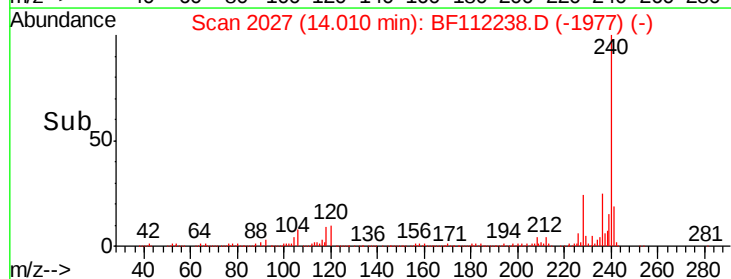
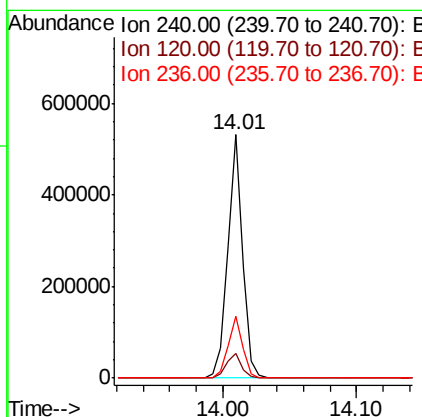
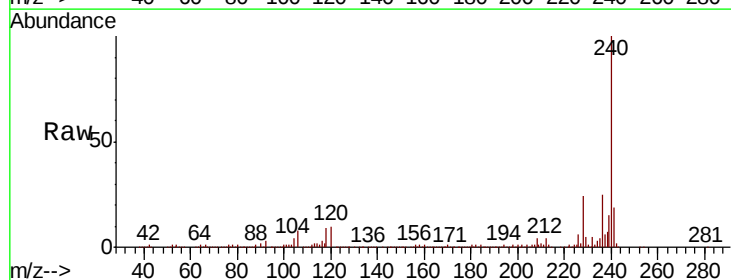
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

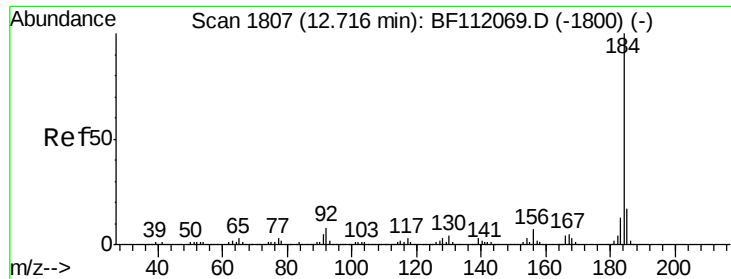
Tgt Ion: 202 Resp: 1071403
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.8
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion: 240 Resp: 417287
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.0 13.6
 236 25.3 20.7 31.1





#77

Benzidine

Concen: 38.065 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

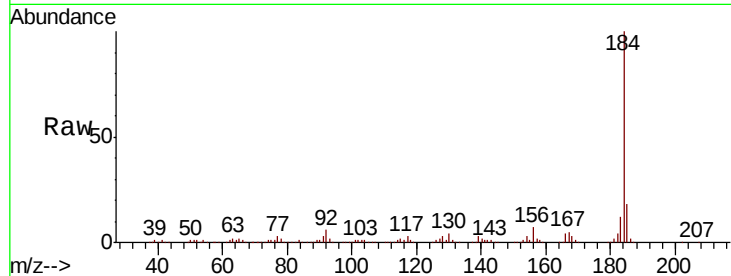
Tgt Ion:184 Resp: 437182

Ion Ratio Lower Upper

184 100

185 17.9 13.9 20.9

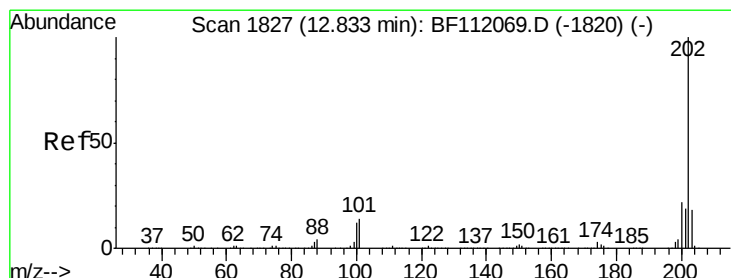
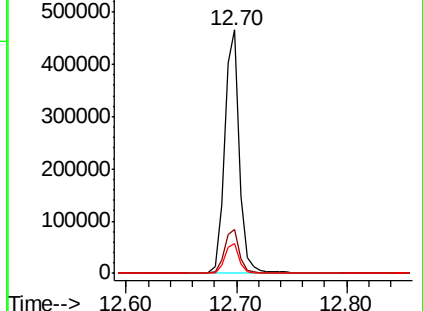
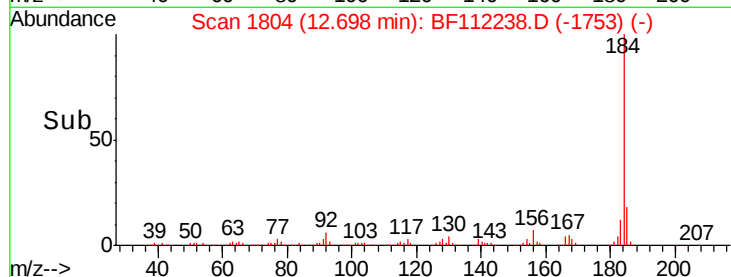
183 12.3 10.0 15.0



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: 38.295 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

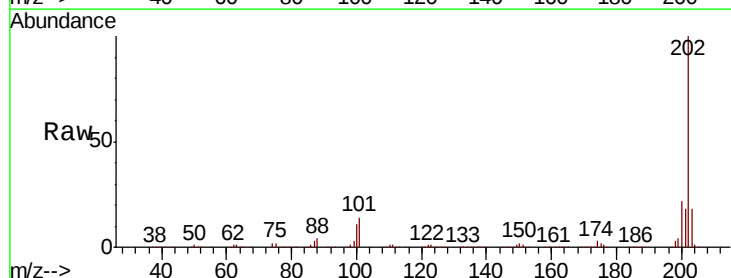
Tgt Ion:202 Resp: 1106355

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

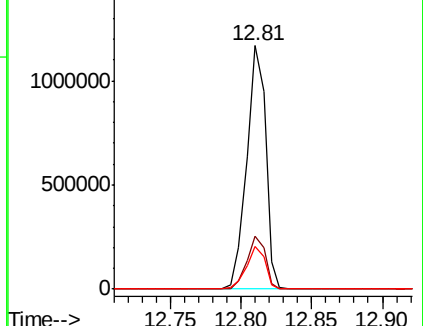
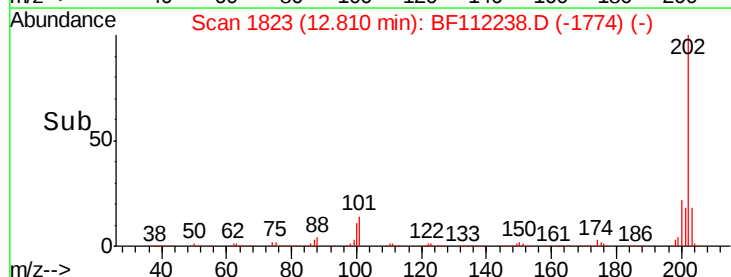
203 17.6 14.6 22.0

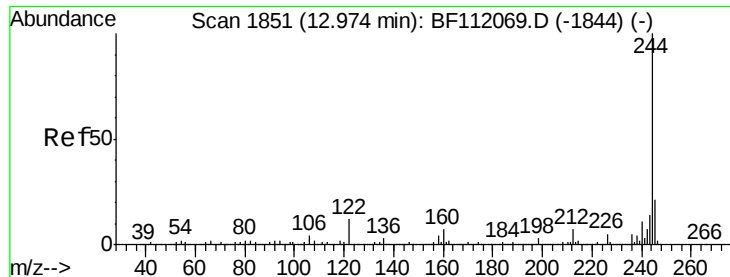


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

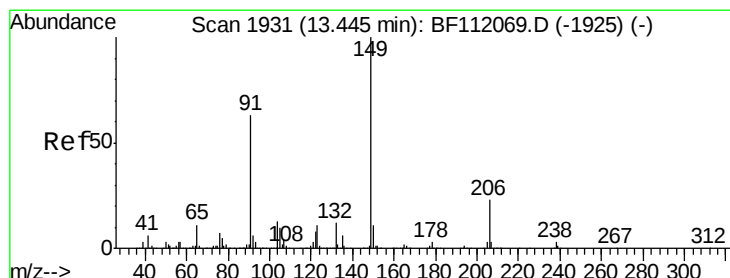
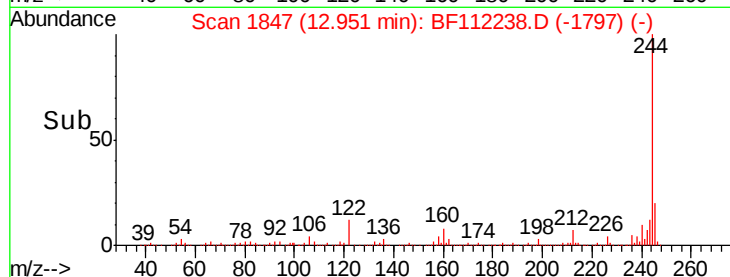
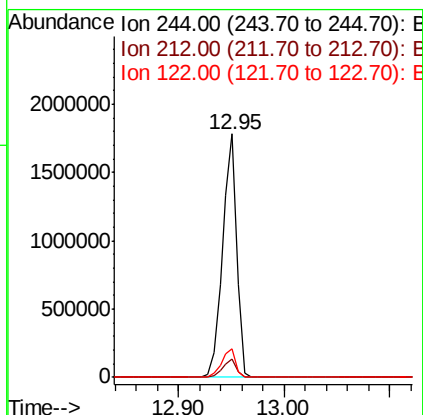
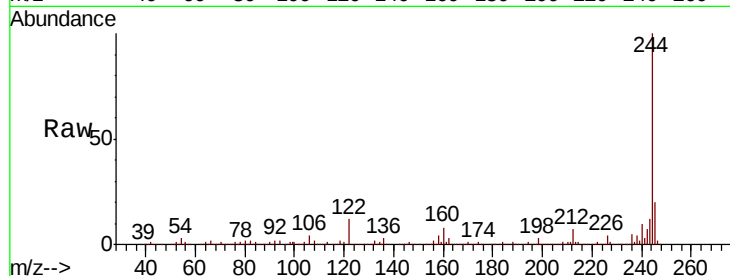




#79
 Terphenyl-d14
 Concen: 75.550 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

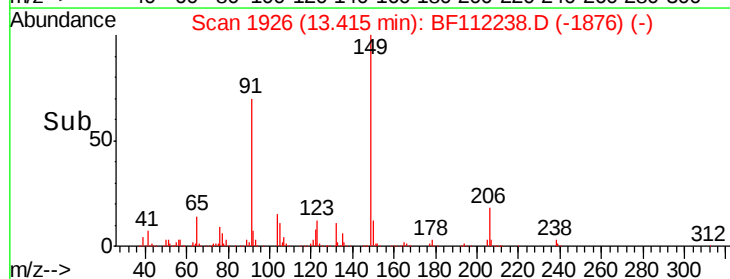
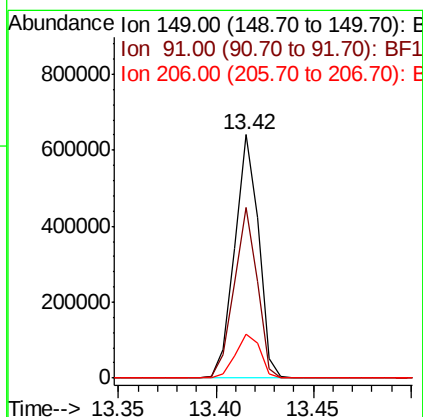
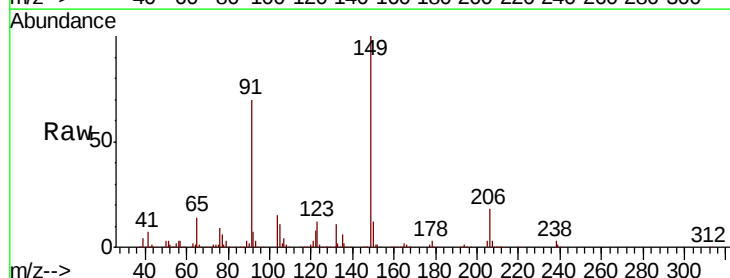
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

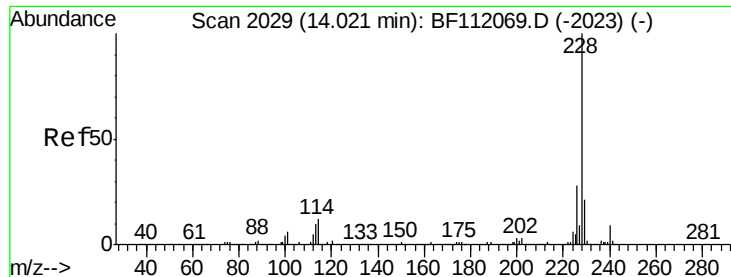
Tgt Ion:244 Resp: 1673842
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.6 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 38.981 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112238.D
 Acq: 25 Jan 2019 18:07

Tgt Ion:149 Resp: 544865
 Ion Ratio Lower Upper
 149 100
 91 70.0 50.3 75.5
 206 18.3 18.2 27.4





#81

Benzo(a)anthracene

Concen: 39.320 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

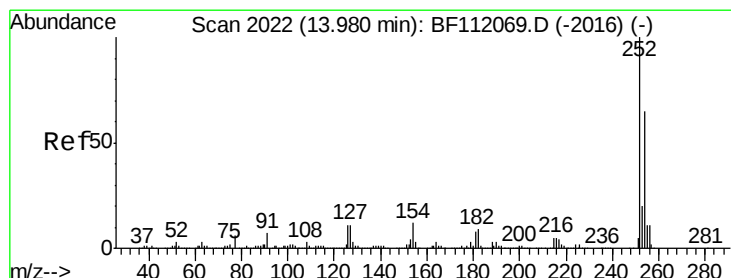
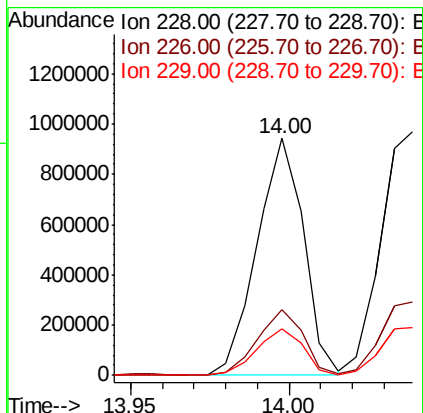
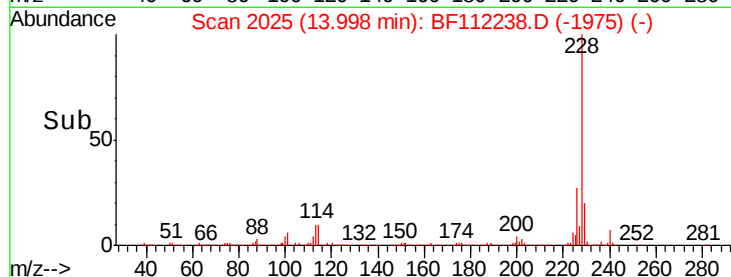
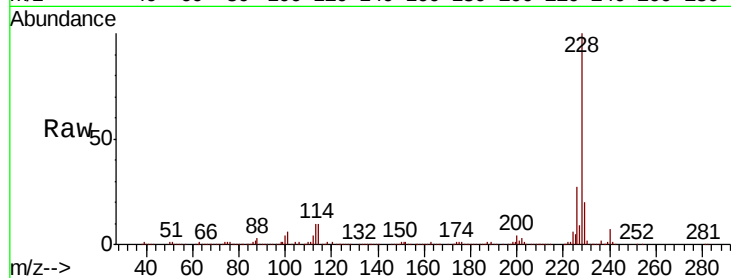
Tgt Ion:228 Resp: 964543

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

229 19.8 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 38.570 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

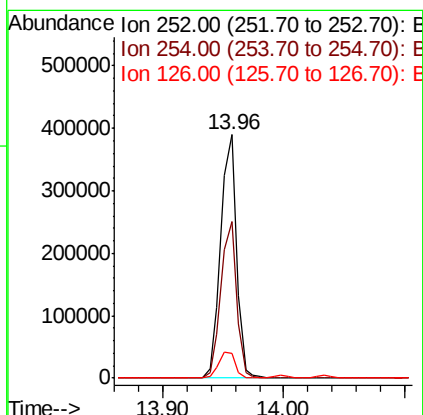
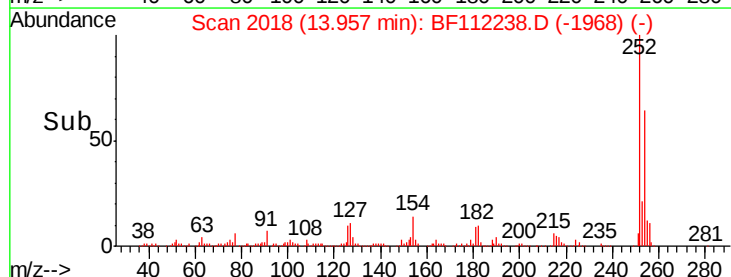
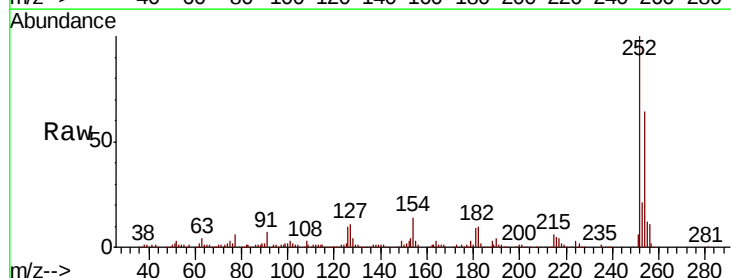
Tgt Ion:252 Resp: 354084

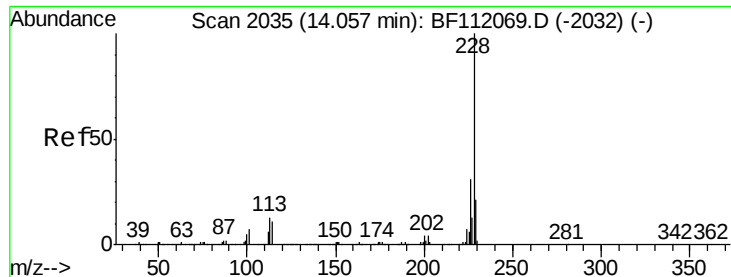
Ion Ratio Lower Upper

252 100

254 64.1 51.6 77.4

126 10.1 8.6 12.8





#83

Chrysene

Concen: 39.171 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

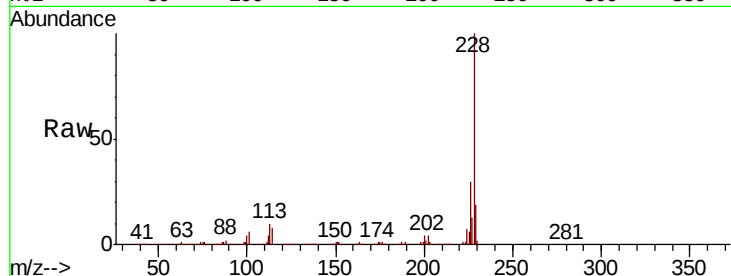
Tgt Ion:228 Resp: 917213

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

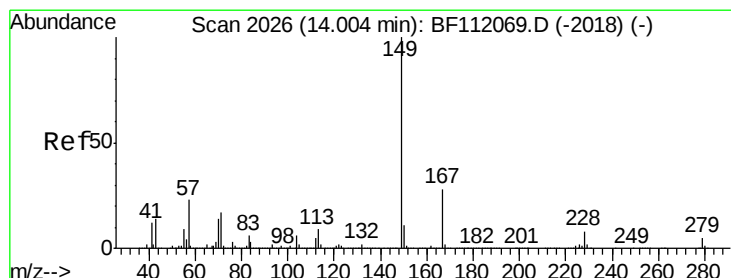
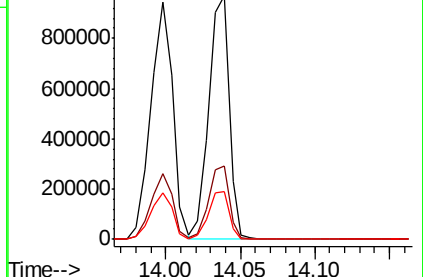
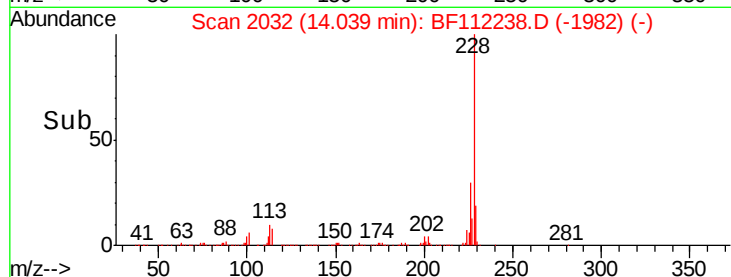
229 19.4 16.6 24.8



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: 38.358 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

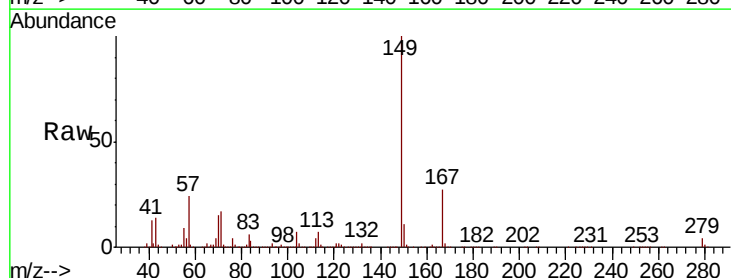
Tgt Ion:149 Resp: 761072

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

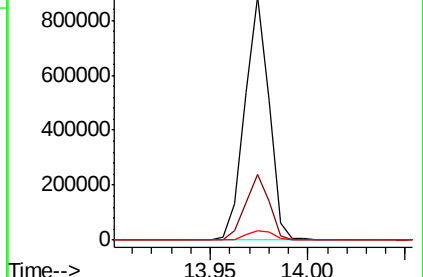
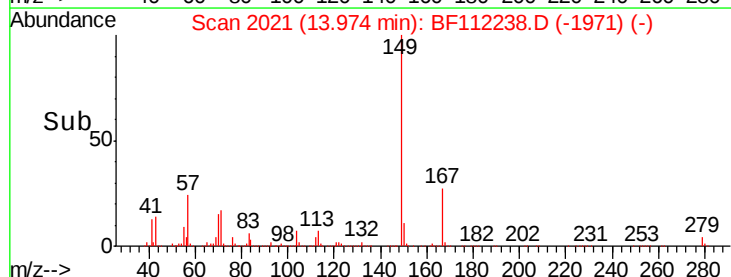
279 4.0 3.8 5.6

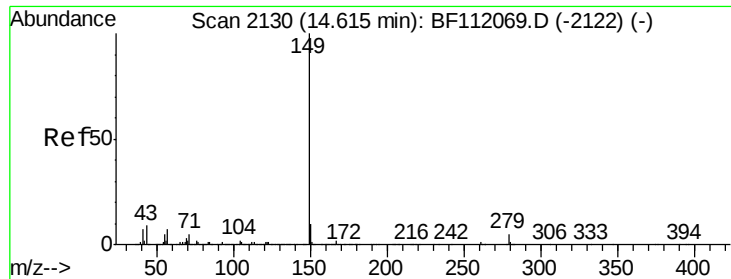


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.705 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

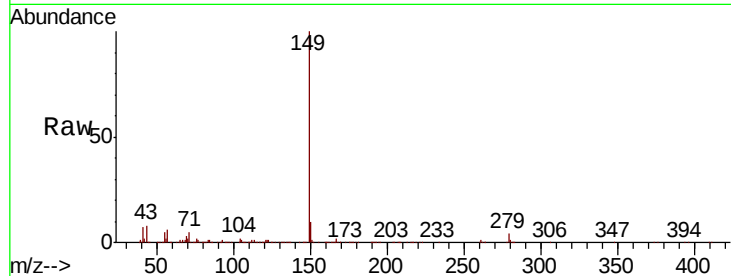
Tgt Ion:149 Resp: 1212066

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

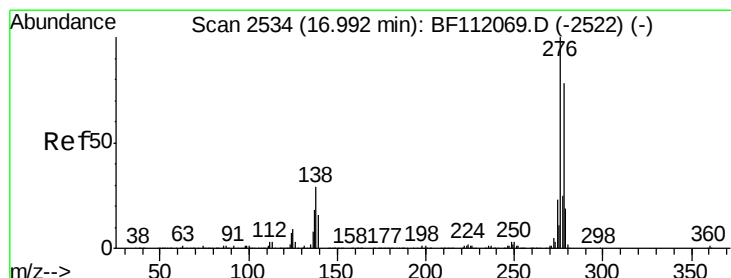
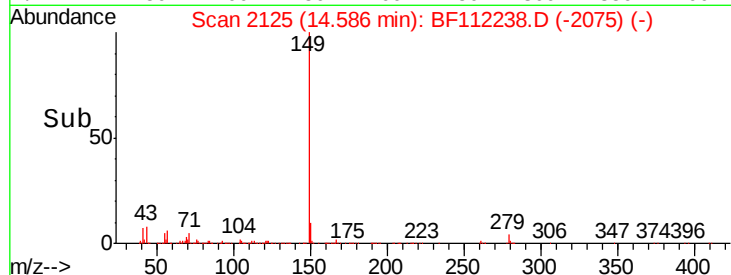
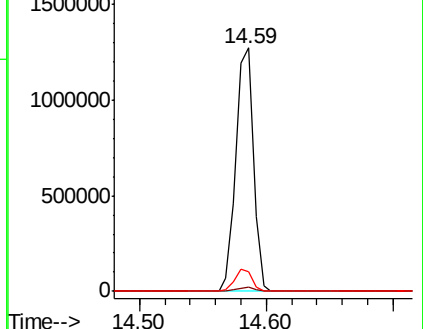
43 8.8 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.465 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

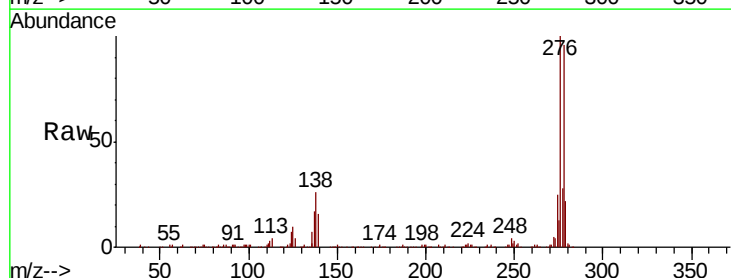
Tgt Ion:276 Resp: 658022

Ion Ratio Lower Upper

276 100

138 24.6 22.6 34.0

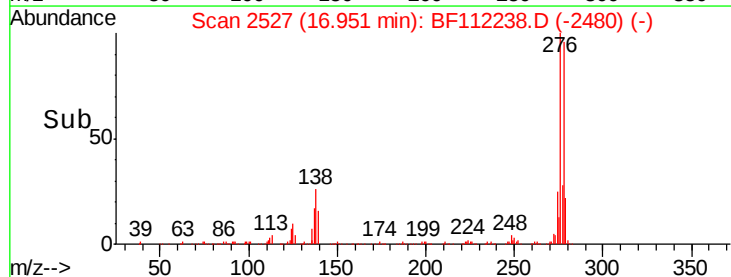
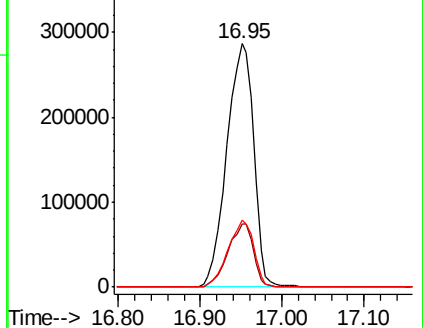
277 26.4 20.3 30.5

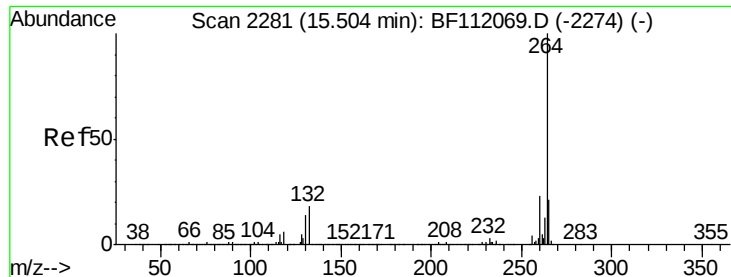


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

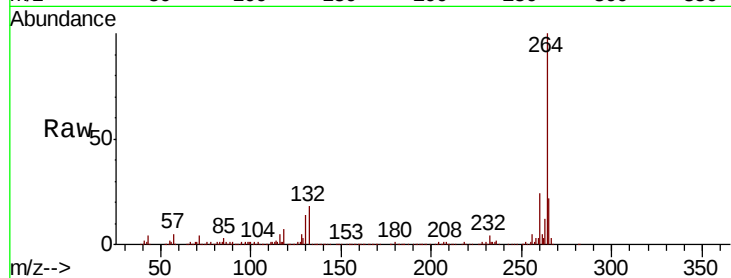
Tgt Ion: 264 Resp: 339084

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

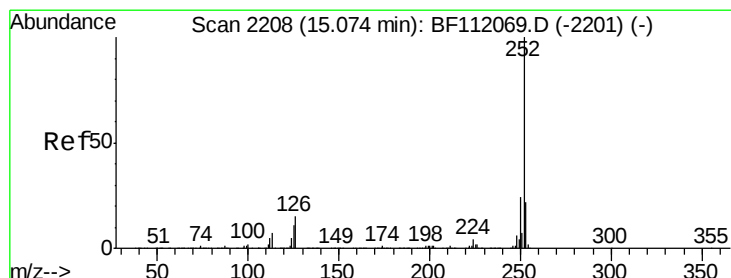
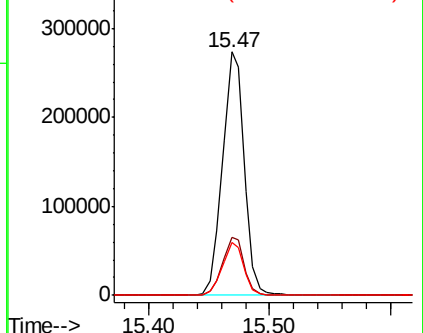
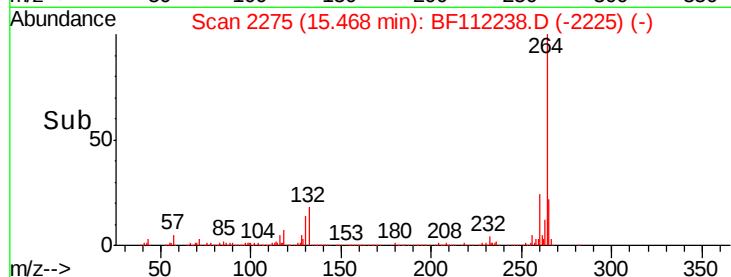
265 21.9 17.0 25.4



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: 42.975 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

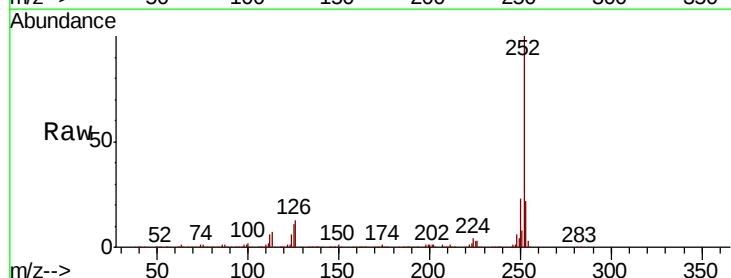
Tgt Ion: 252 Resp: 871490

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

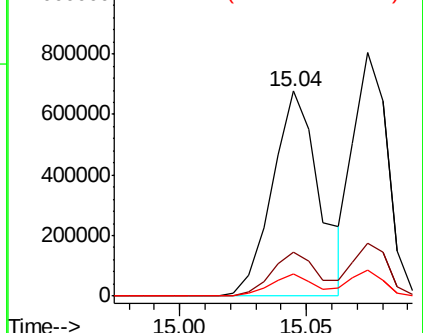
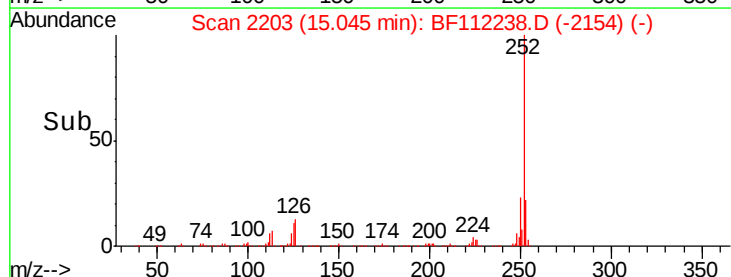
125 10.9 8.7 13.1

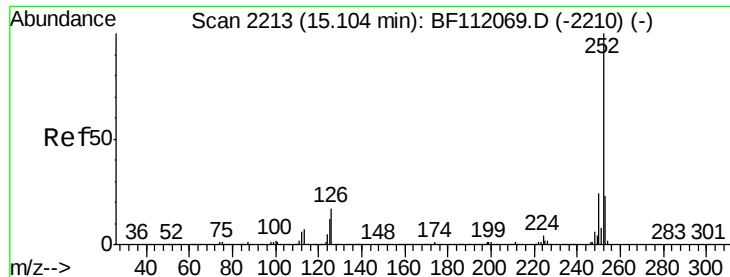


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

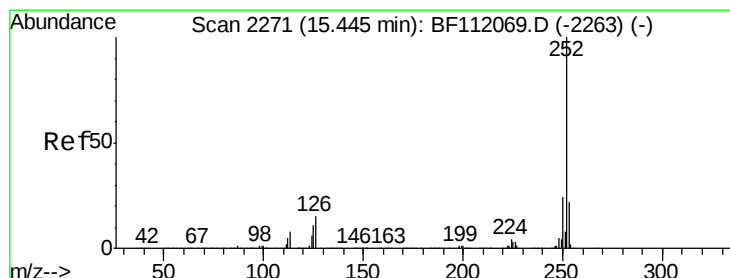
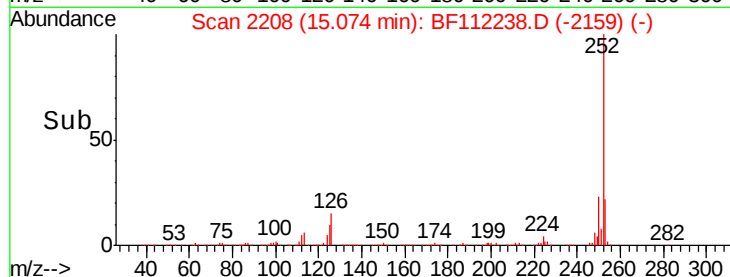
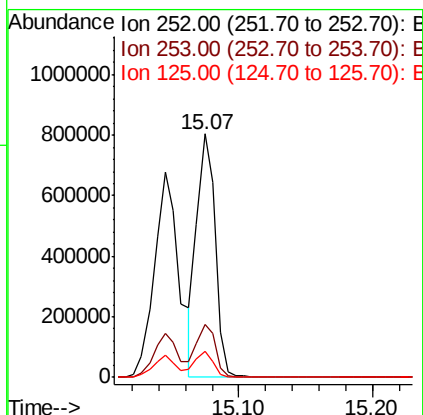
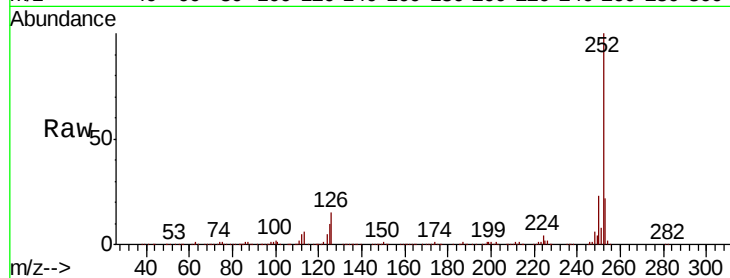




#89
Benzo(k)fluoranthene
Concen: 38.907 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

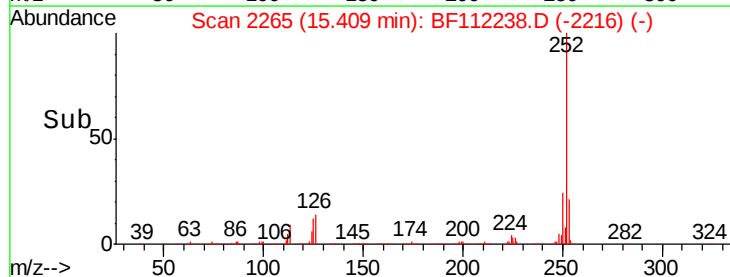
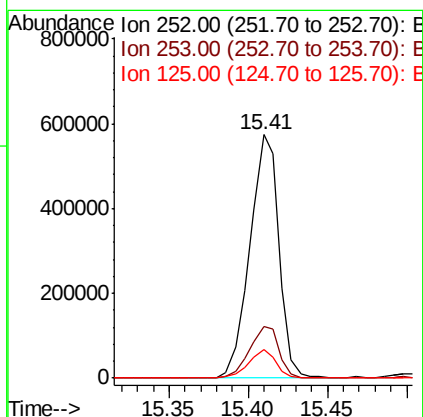
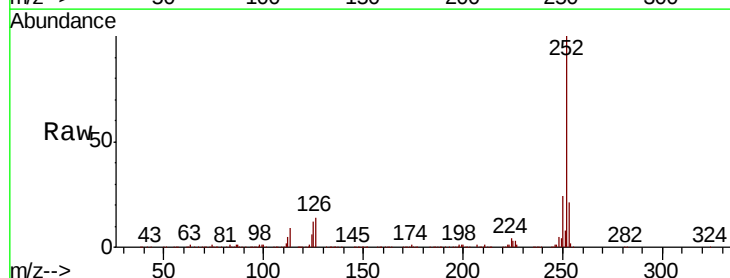
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

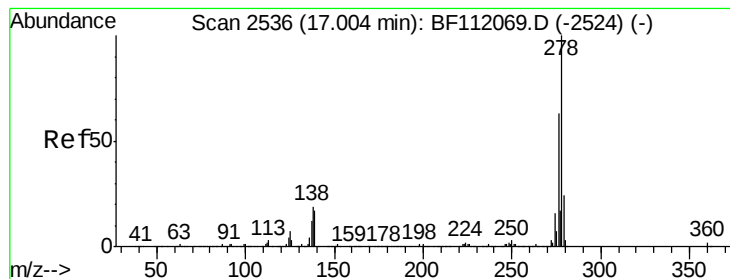
Tgt Ion: 252 Resp: 755738
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.174 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112238.D
Acq: 25 Jan 2019 18:07

Tgt Ion: 252 Resp: 733043
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 11.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.557 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

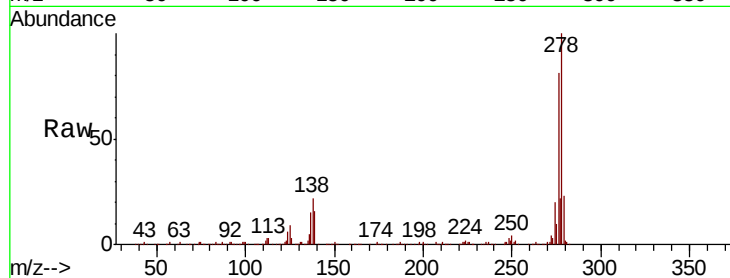
Tgt Ion: 278 Resp: 567020

Ion Ratio Lower Upper

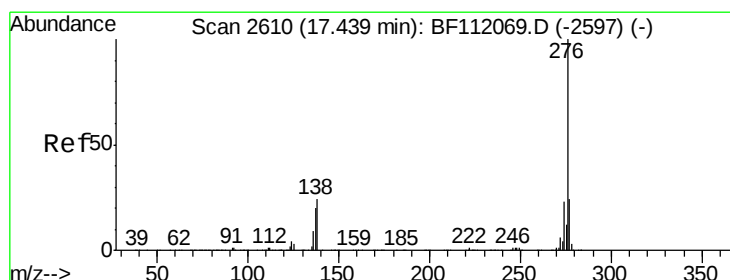
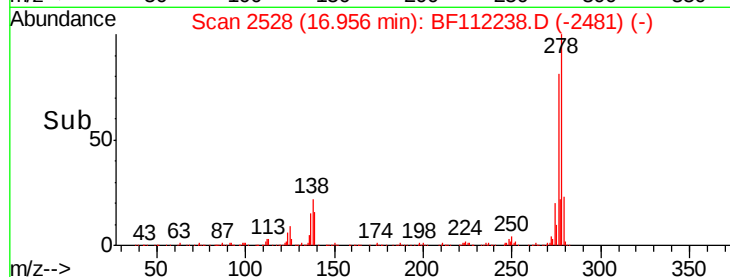
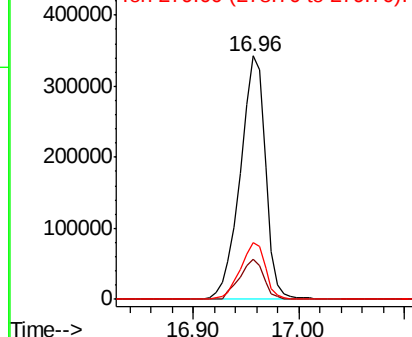
278 100

139 16.4 13.7 20.5

279 23.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.094 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF112238.D

Acq: 25 Jan 2019 18:07

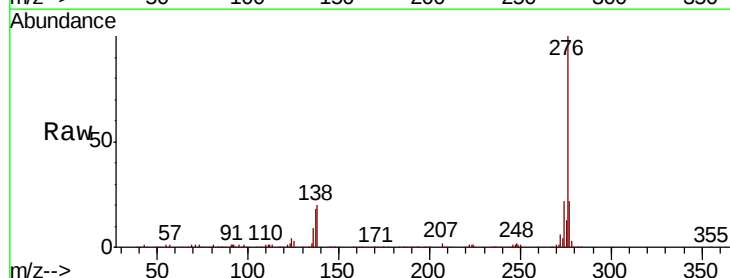
Tgt Ion: 276 Resp: 528525

Ion Ratio Lower Upper

276 100

277 22.4 19.4 29.0

138 20.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

