

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112578.D
 Acq On : 15 Feb 2019 14:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 15 15:38:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116329	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	462961	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	229544	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	428896	20.00	ng	0.00
76) Chrysene-d12	14.02	240	319956	20.00	ng	0.01
87) Perylene-d12	15.50	264	236241	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	520320	95.01	ng	-0.01
7) Phenol-d6	6.49	99	644246	84.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	642698	79.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	215106	80.51	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1309926	80.71	ng	-0.01
79) Terphenyl-d14	12.95	244	1417655	83.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	101230	46.400	ng	93
3) Pyridine	3.35	79	244006	43.967	ng	98
4) n-Nitrosodimethylamine	3.30	42	109609	47.010	ng	# 89
6) Aniline	6.50	93	384406	42.462	ng	# 70
8) 2-Chlorophenol	6.63	128	302539	41.063	ng	98
9) Benzaldehyde	6.39	77	156275	39.288	ng	99
10) Phenol	6.50	94	349848	41.902	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	271556	41.312	ng	97
12) 1,3-Dichlorobenzene	6.77	146	341137	39.758	ng	97
13) 1,4-Dichlorobenzene	6.85	146	354432	40.137	ng	97
14) 1,2-Dichlorobenzene	7.01	146	336106	40.653	ng	97
15) Benzyl Alcohol	6.99	79	259865	40.508	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	334043	39.580	ng	# 32
17) 2-Methylphenol	7.10	107	234829	40.207	ng	# 85
18) Hexachloroethane	7.35	117	130170	41.978	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	218916	41.718	ng	98
20) 3+4-Methylphenols	7.26	107	315643	42.263	ng	# 79
22) Acetophenone	7.25	105	444248	39.408	ng	# 94
24) Nitrobenzene	7.42	77	316571	39.451	ng	99
25) Isophorone	7.66	82	504926	40.058	ng	98
26) 2-Nitrophenol	7.74	139	175585	40.945	ng	92
27) 2,4-Dimethylphenol	7.78	122	232147	39.291	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	342567	39.913	ng	99
29) 2,4-Dichlorophenol	7.99	162	267290	40.426	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	302126	39.753	ng	98
31) Naphthalene	8.15	128	859234	39.687	ng	99
32) Benzoic acid	7.94	122	119567	35.477	ng	96
33) 4-Chloroaniline	8.19	127	371201	39.377	ng	98
34) Hexachlorobutadiene	8.26	225	180917	40.566	ng	99
35) Caprolactam	8.58	113	86947	37.277	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	274749	39.253	ng	97
37) 2-Methylnaphthalene	8.83	142	583132	39.344	ng	97
38) 1-Methylnaphthalene	8.93	142	560927	39.486	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	301389	39.989	ng	99

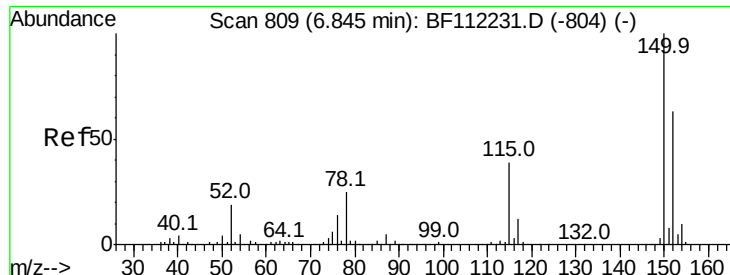
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112578.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	76099	32.981	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	181316	39.029	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	183717	37.838	nq	# 93
46) 1,1'-Biphenyl	9.30	154	802652	39.997	nq	99
47) 2-Chloronaphthalene	9.33	162	607626	39.046	nq	95
48) 2-Nitroaniline	9.43	65	168187	39.653	nq	90
49) Acenaphthylene	9.74	152	897096	39.331	nq	99
50) Dimethylphthalate	9.59	163	682519	38.270	nq	100
51) 2,6-Dinitrotoluene	9.67	165	155428	38.913	nq	# 83
52) Acenaphthene	9.91	154	541416	39.736	nq	99
53) 3-Nitroaniline	9.84	138	163027	37.675	nq	87
54) 2,4-Dinitrophenol	9.97	184	40664	31.723	nq	89
55) Dibenzofuran	10.09	168	811934	38.994	nq	95
56) 4-Nitrophenol	10.03	139	77934	34.065	nq	92
57) 2,4-Dinitrotoluene	10.08	165	196217	38.588	nq	# 62
58) Fluorene	10.43	166	629107	40.375	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	145425	39.634	nq	95
60) Diethylphthalate	10.29	149	713102	40.291	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	340553	40.179	nq	96
62) 4-Nitroaniline	10.46	138	147943	34.856	nq	94
63) Azobenzene	10.57	77	635385	40.820	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	89208	37.098	nq	97
66) n-Nitrosodiphenylamine	10.53	169	593264	41.042	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	205969	40.831	nq	98
68) Hexachlorobenzene	10.99	284	222103	41.038	nq	95
69) Atrazine	11.06	200	166985	35.802	nq	98
70) Pentachlorophenol	11.19	266	68263	32.416	nq	95
71) Phenanthrene	11.39	178	886185	39.743	nq	98
72) Anthracene	11.44	178	901697	40.596	nq	99
73) Carbazole	11.60	167	865779	39.516	nq	99
74) Di-n-butylphthalate	11.92	149	1132065	41.628	nq	99
75) Fluoranthene	12.59	202	901500	37.695	nq	98
77) Benzdine	12.70	184	337207	38.292	nq	96
78) Pyrene	12.82	202	918553	41.466	nq	99
80) Butylbenzylphthalate	13.42	149	459278	42.853	nq	96
81) Benzo(a)anthracene	14.01	228	739101	39.296	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	275917	39.198	nq	99
83) Chrysene	14.04	228	701733	39.085	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	641908	42.194	nq	# 96
85) Di-n-octyl phthalate	14.58	149	980292	41.882	nq	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	501169	35.228	nq	96
88) Benzo(b)fluoranthene	15.07	252	576119	40.778	nq	99
89) Benzo(k)fluoranthene	15.10	252	555633	41.058	nq	97
90) Benzo(a)pyrene	15.44	252	509960	40.115	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	426059	41.585	nq	97
92) Benzo(g,h,i)perylene	17.46	276	411129	42.533	nq	95

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

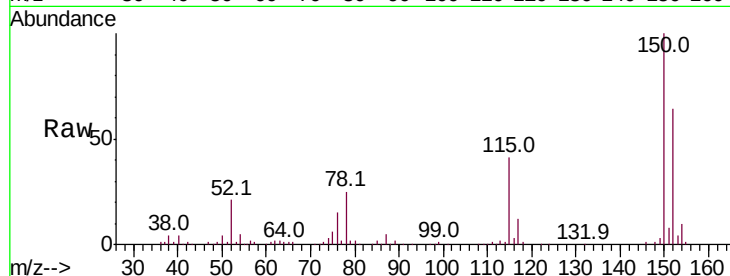


#1

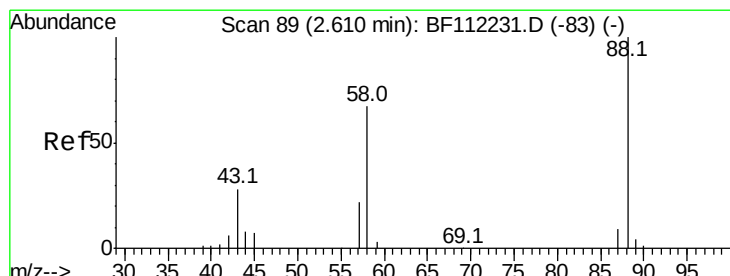
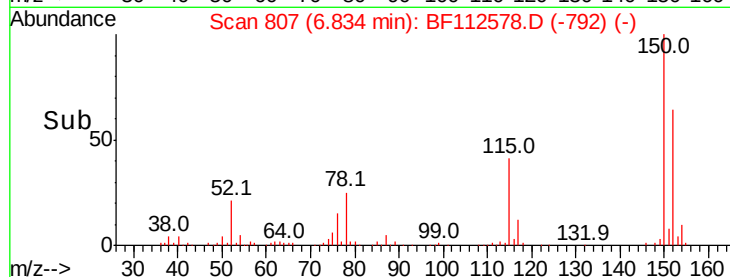
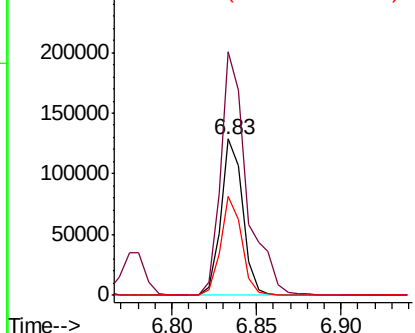
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 116329
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 63.7 45.5 68.3



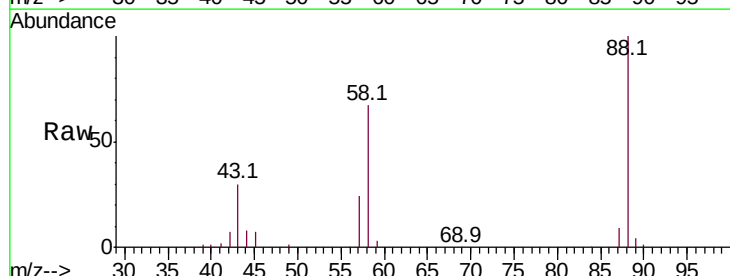
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



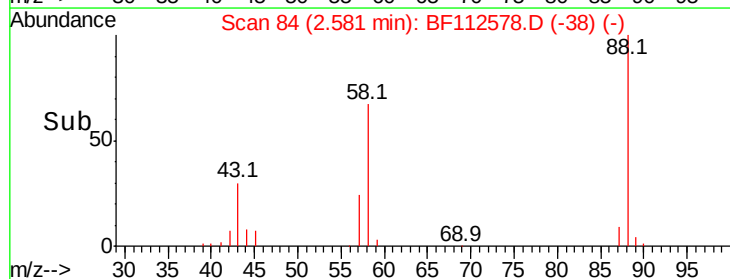
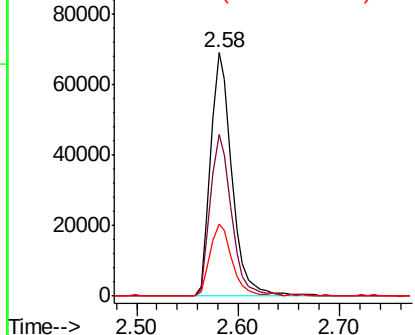
#2

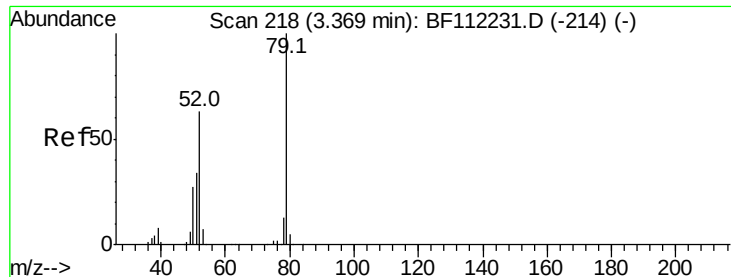
1,4-Dioxane
Concen: 46.400 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.03 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion: 88 Resp: 101230
Ion Ratio Lower Upper
88 100
58 65.8 57.4 86.2
43 30.7 22.2 33.4



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

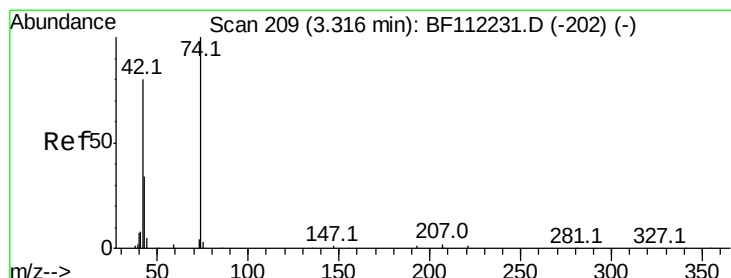
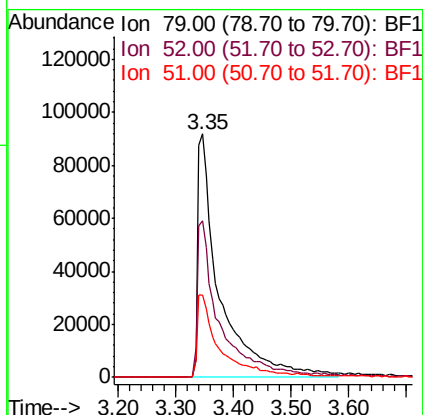
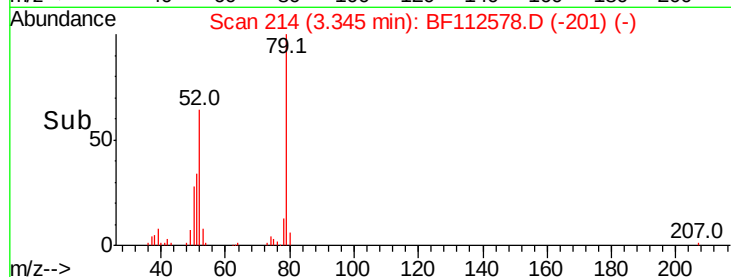
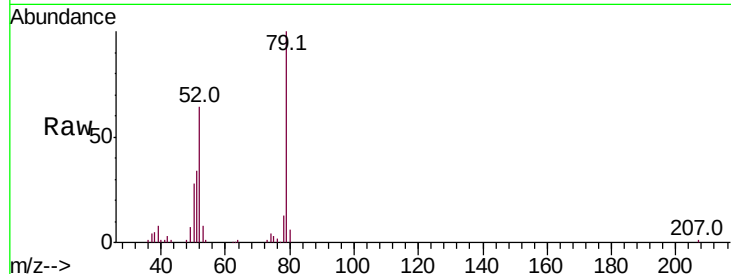




#3
 Pvridine
 Concen: 43.967 ng
 RT: 3.35 min Scan# 214
 Delta R.T. -0.02 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

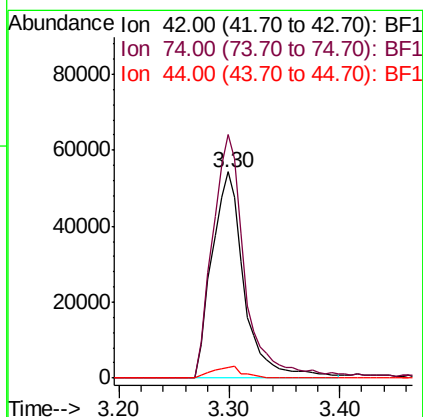
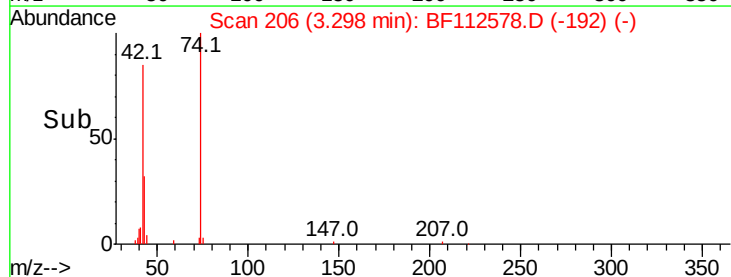
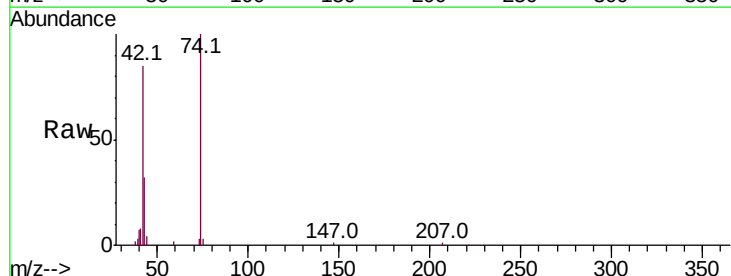
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

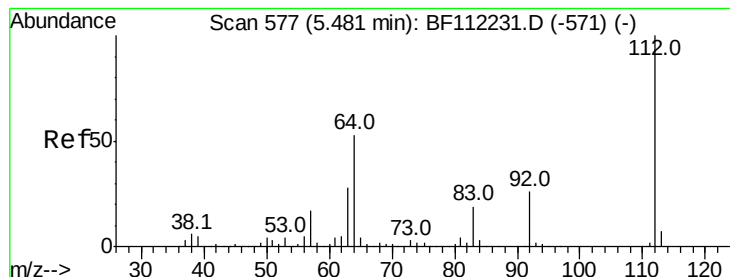
Tot Ion: 79 Resp: 244006
 Ion Ratio Lower Upper
 79 100
 52 64.1 52.4 78.6
 51 34.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 47.010 ng
 RT: 3.30 min Scan# 206
 Delta R.T. -0.02 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion: 42 Resp: 109609
 Ion Ratio Lower Upper
 42 100
 74 118.2 105.6 158.4
 44 5.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 95.006 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

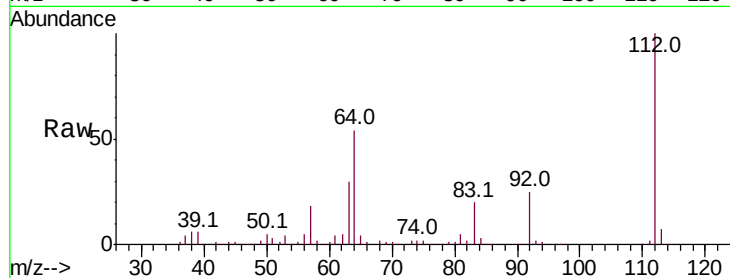
Tot Ion:112 Resp: 520320

Ion Ratio Lower Upper

112 100

64 53.9 45.7 68.5

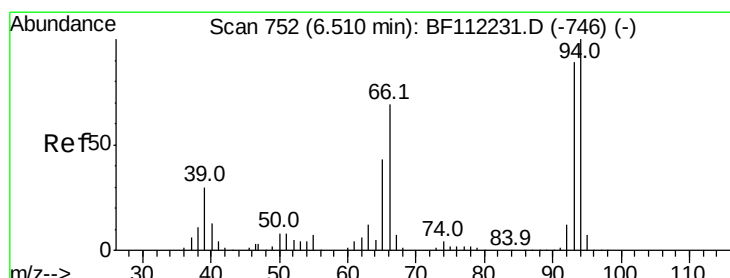
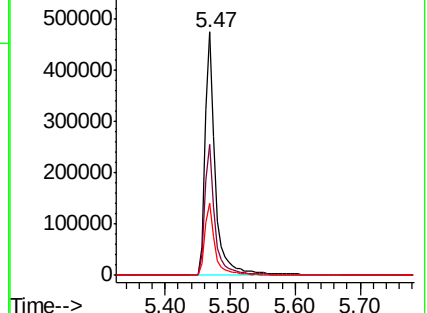
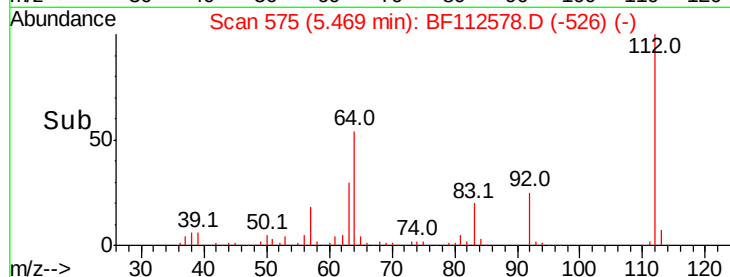
63 29.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.462 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

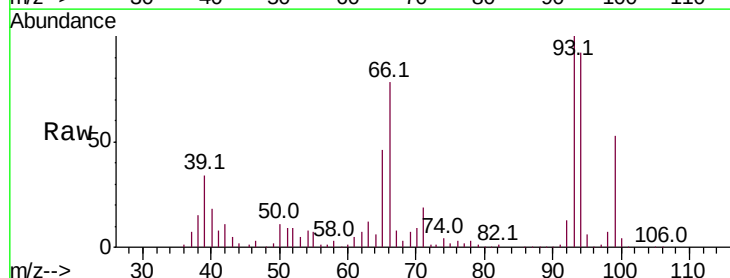
Tgt Ion: 93 Resp: 384406

Ion Ratio Lower Upper

93 100

66 77.9 43.4 65.2#

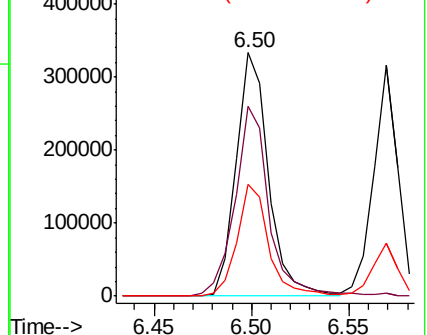
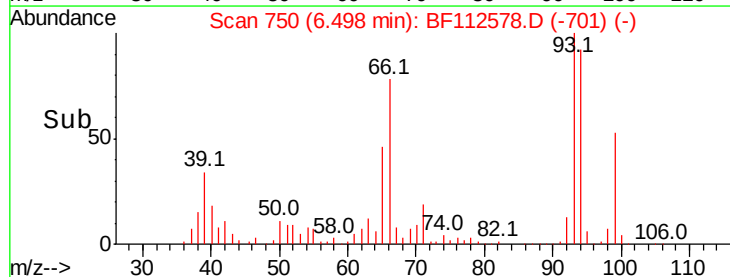
65 45.8 25.3 37.9#

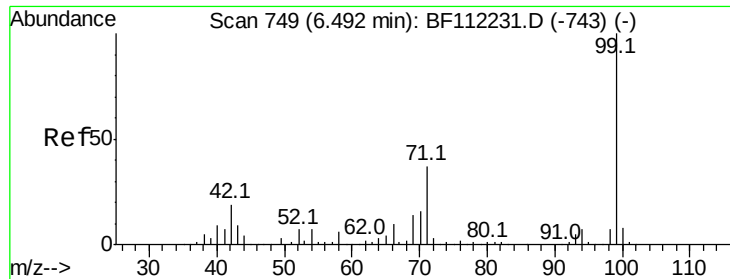


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.656 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

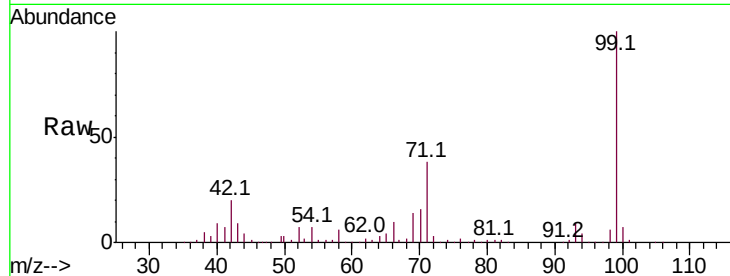
Tot Ion: 99 Resp: 644246

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

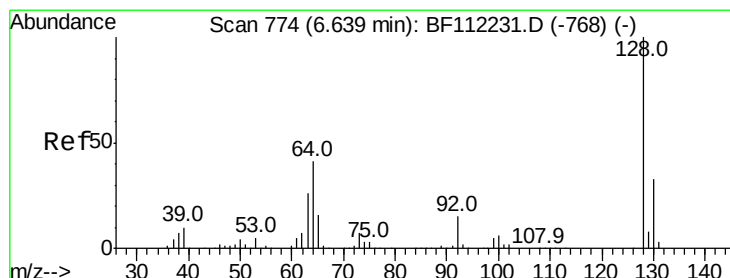
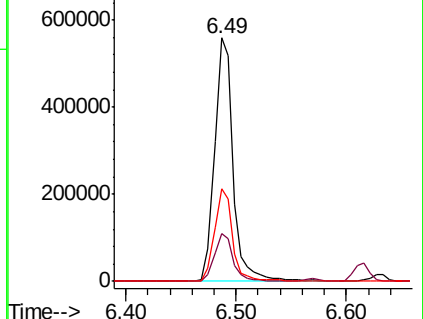
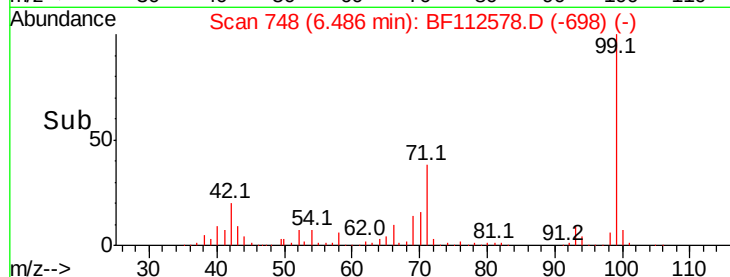
71 38.3 26.9 40.3



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: 41.063 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

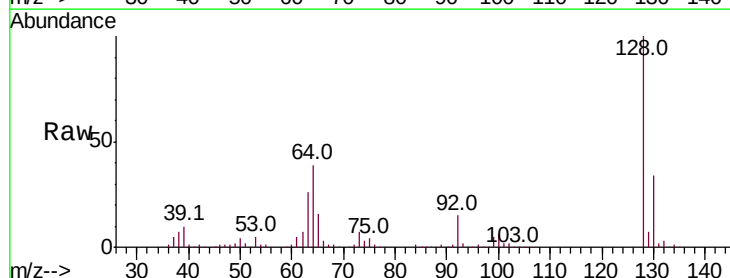
Tgt Ion: 128 Resp: 302539

Ion Ratio Lower Upper

128 100

130 33.9 13.4 53.4

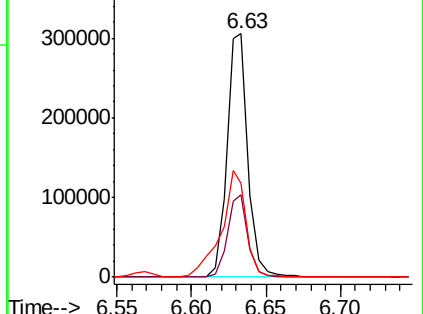
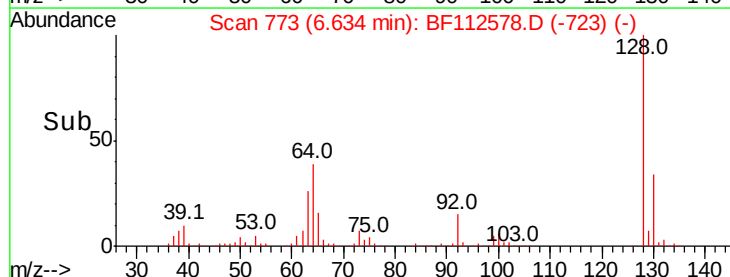
64 38.8 20.5 60.5

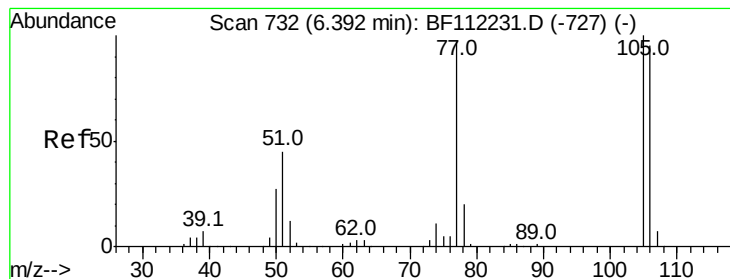


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.288 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

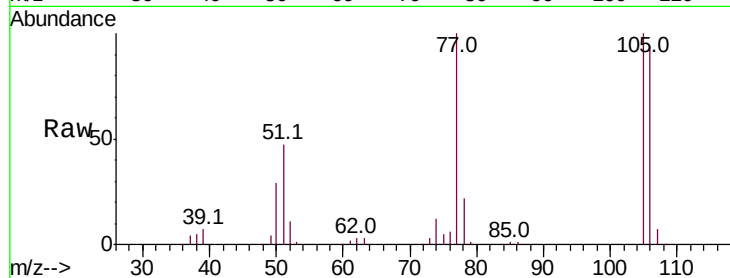
Tot Ion: 77 Resp: 156275

Ion Ratio Lower Upper

77 100

105 100.3 80.8 120.8

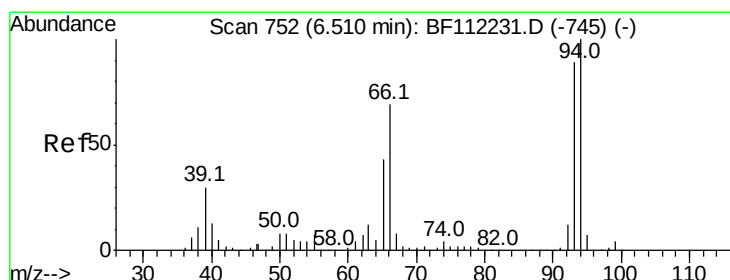
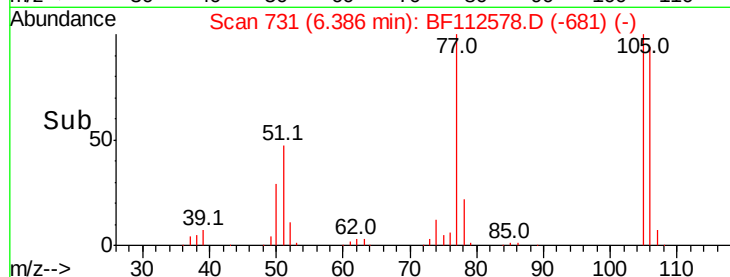
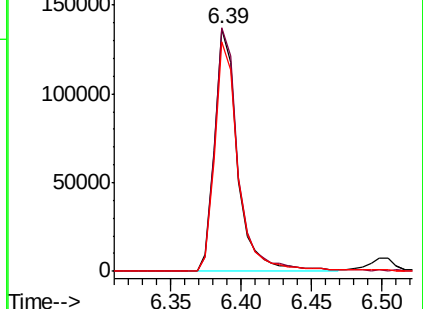
106 94.5 75.7 115.7



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: 41.902 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

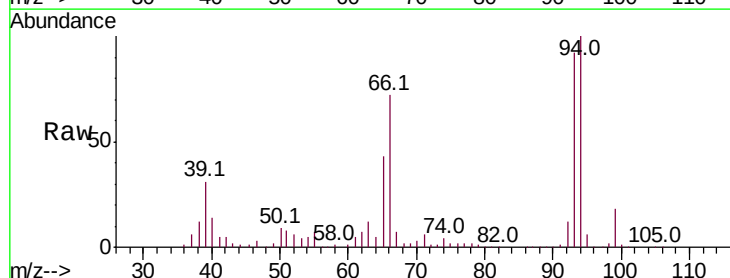
Tgt Ion: 94 Resp: 349848

Ion Ratio Lower Upper

94 100

65 42.6 20.3 60.3

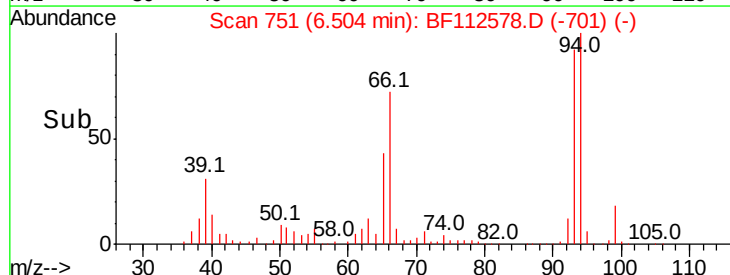
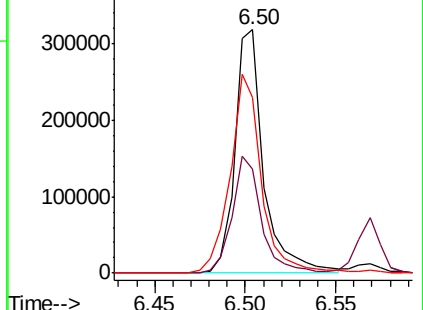
66 72.0 42.4 82.4

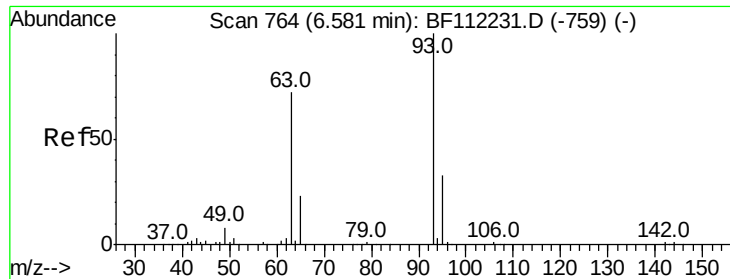


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.312 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

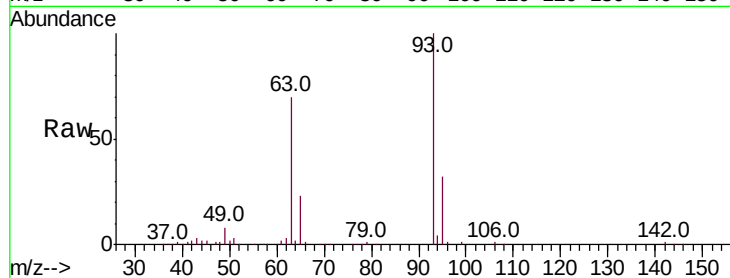
Tot Ion: 93 Resp: 271556

Ion Ratio Lower Upper

93 100

63 70.0 53.3 93.3

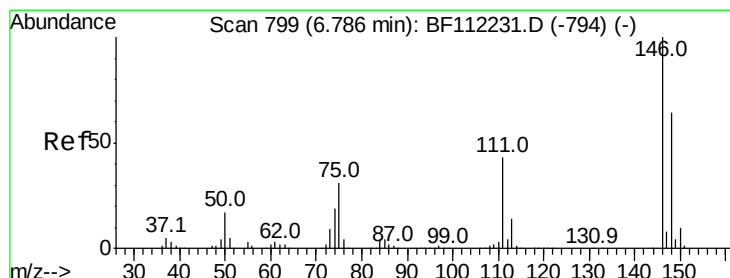
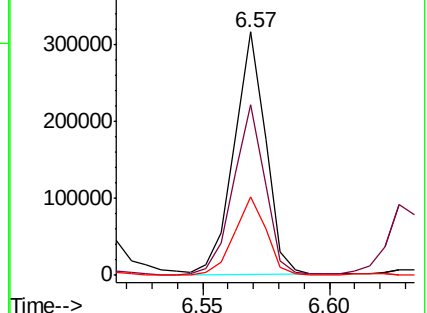
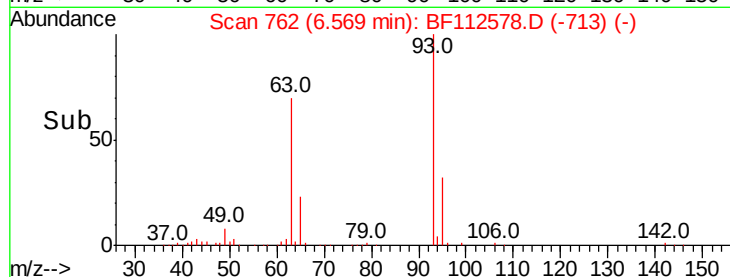
95 32.2 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.758 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

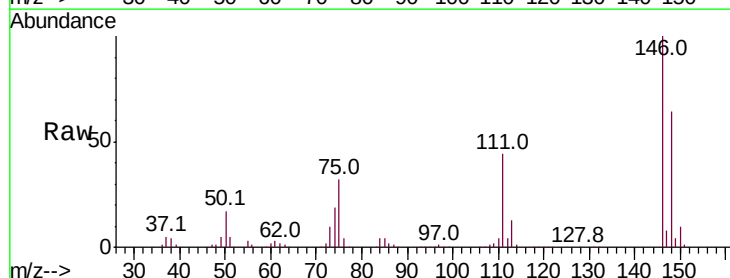
Tgt Ion: 146 Resp: 341137

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

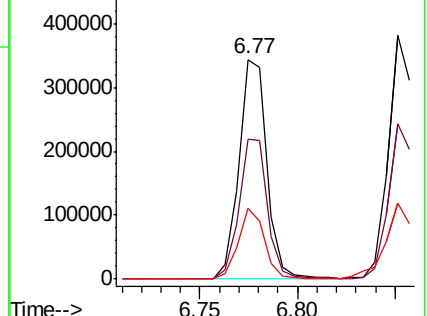
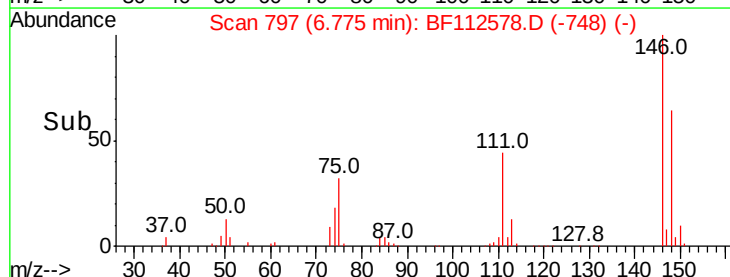
75 32.3 23.1 34.7

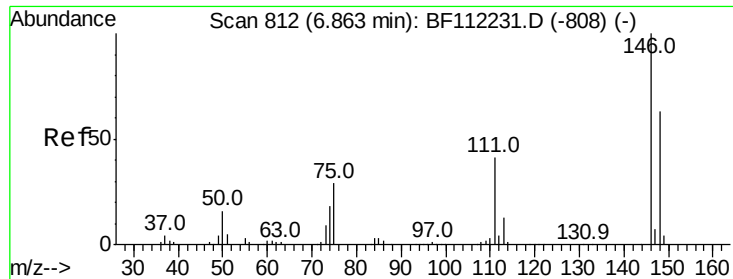


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

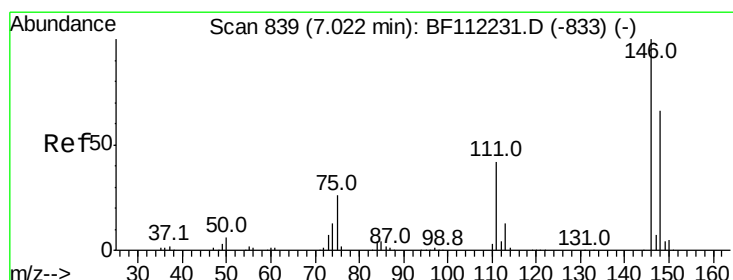
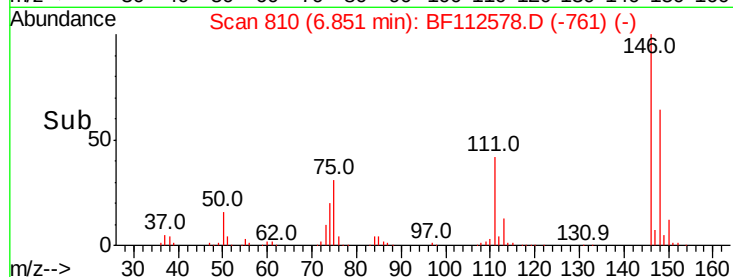
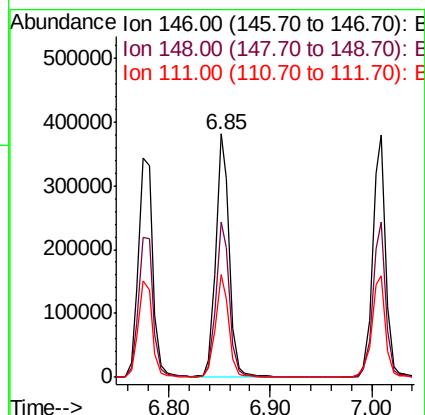
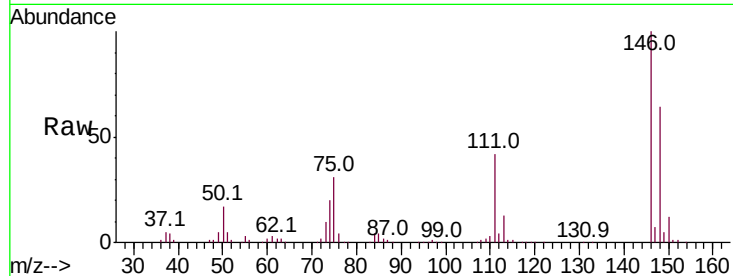




#13
 1,4-Dichlorobenzene
 Concen: 40.137 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

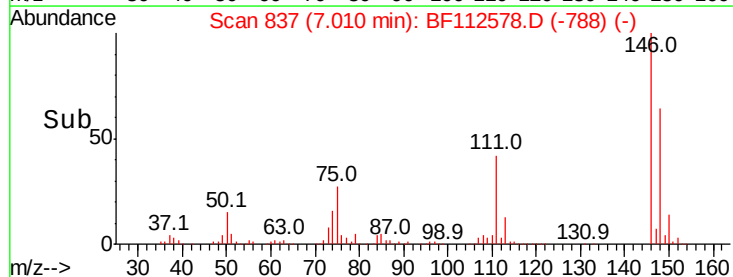
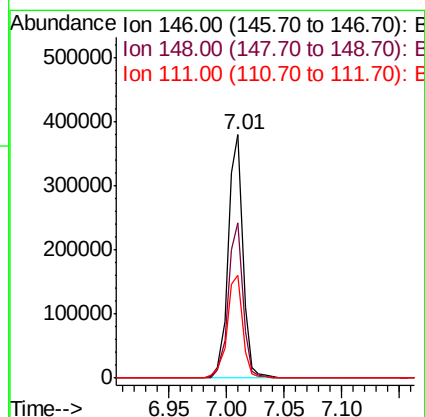
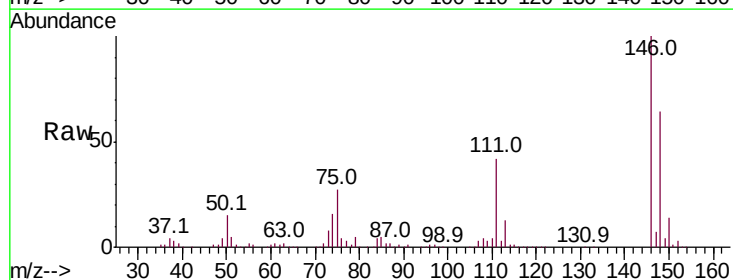
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

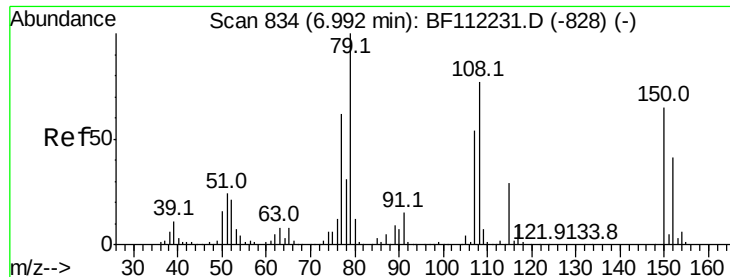
Tot Ion:146 Resp: 354432
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.0 78.0
 111 42.4 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.653 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion:146 Resp: 336106
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 42.0 31.2 46.8

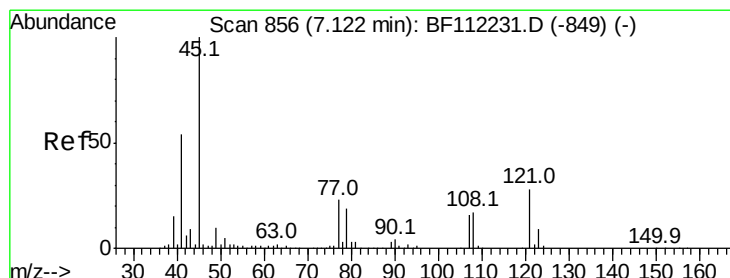
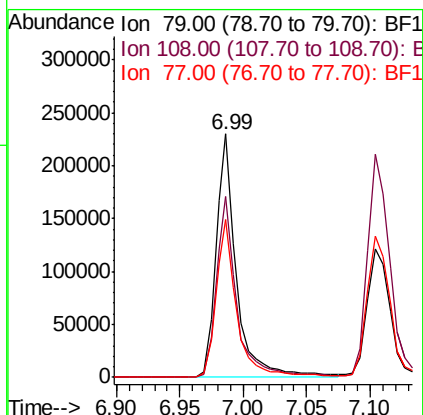
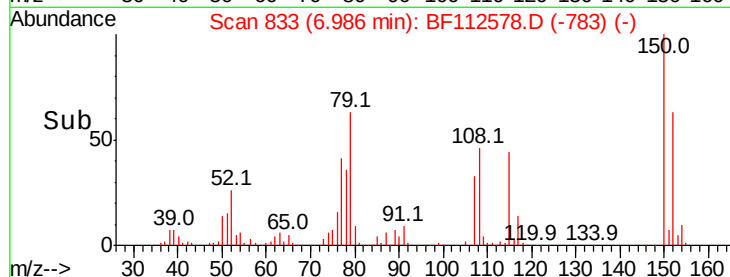
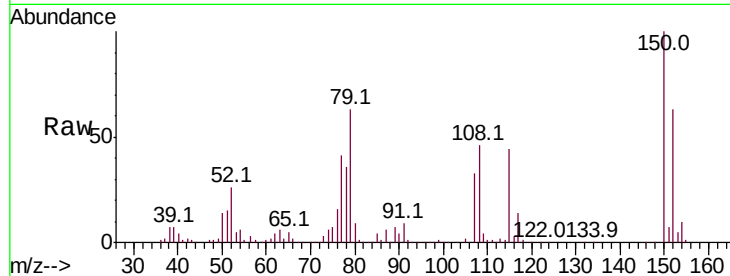




#15
Benzyl Alcohol
Concen: 40.508 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

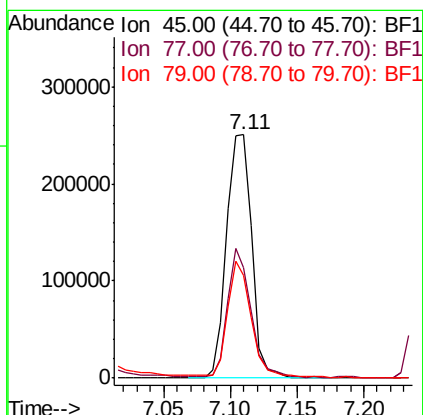
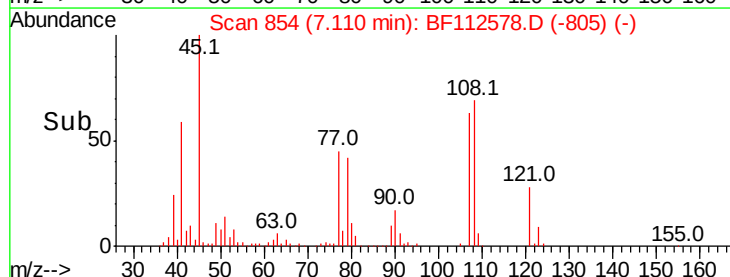
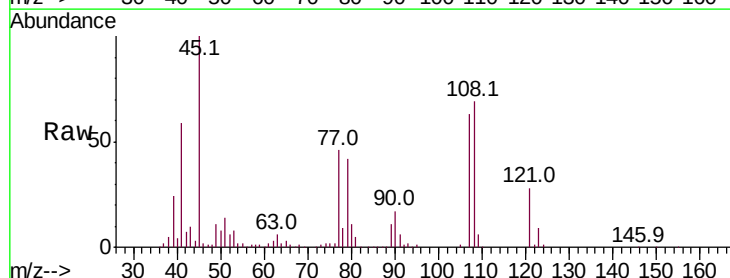
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

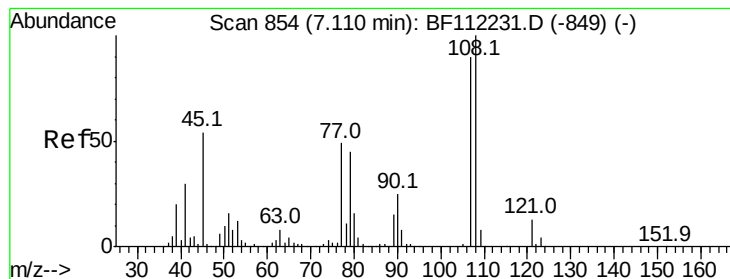
Tot Ion: 79 Resp: 259865
Ion Ratio Lower Upper
79 100
108 74.3 64.2 96.2
77 65.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.580 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion: 45 Resp: 334043
Ion Ratio Lower Upper
45 100
77 45.5 0.0 36.9#
79 42.4 0.0 34.0#





#17

2-Methylphenol

Concen: 40.207 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 234829

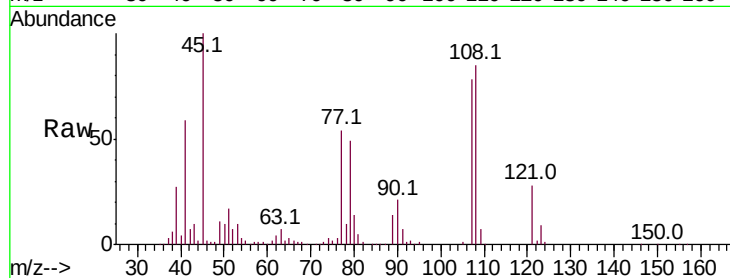
Ion Ratio Lower Upper

107 100

108 109.0 91.3 136.9

77 69.1 39.0 58.6#

79 62.4 37.0 55.4#

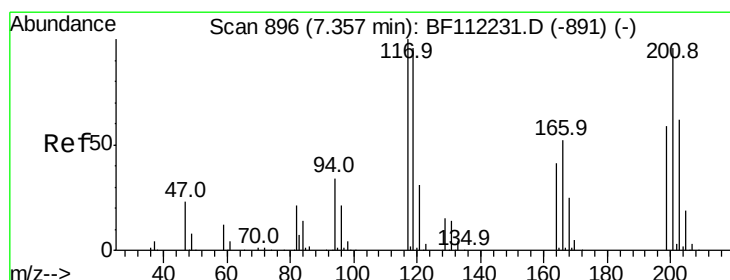
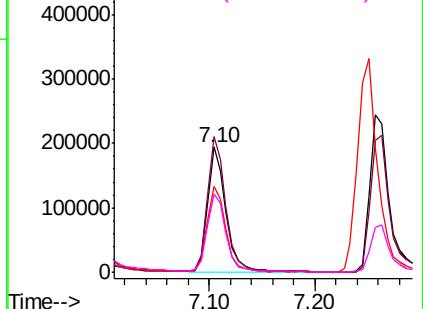
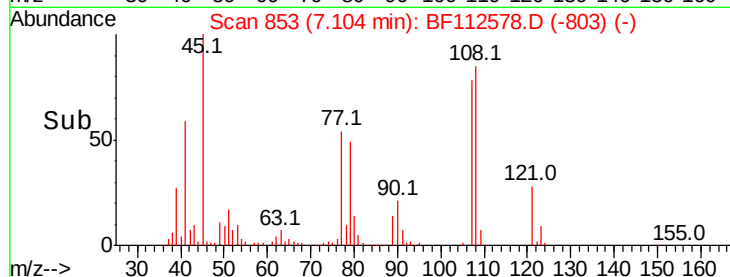


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.978 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

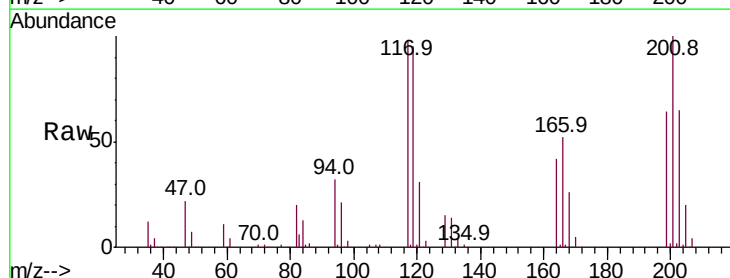
Tgt Ion:117 Resp: 130170

Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.4

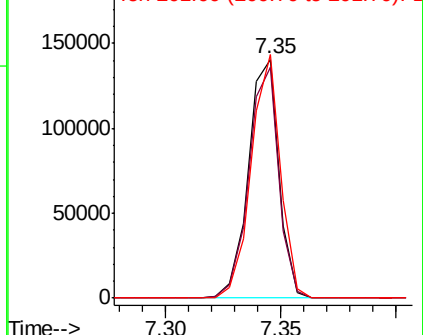
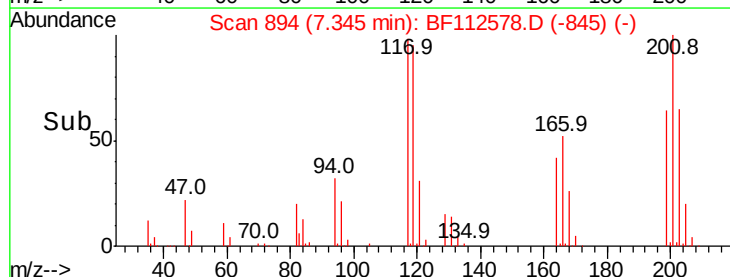
201 101.8 74.1 111.1

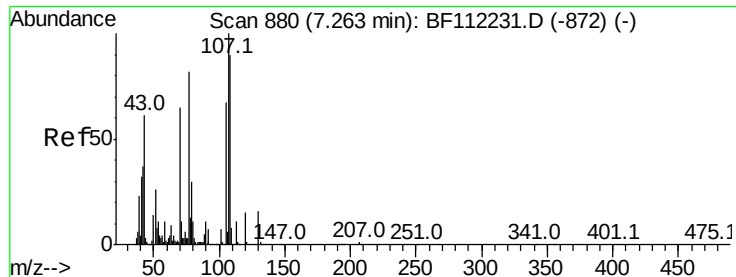


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

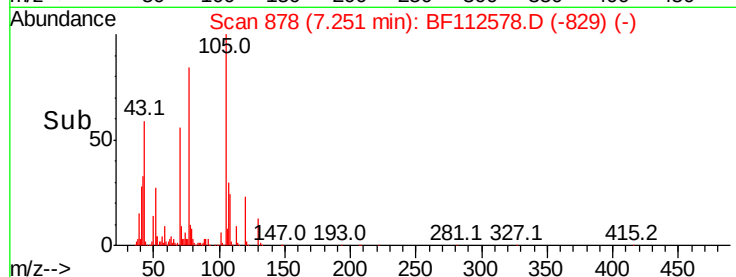
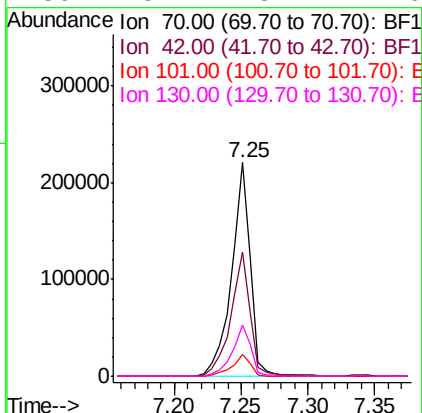
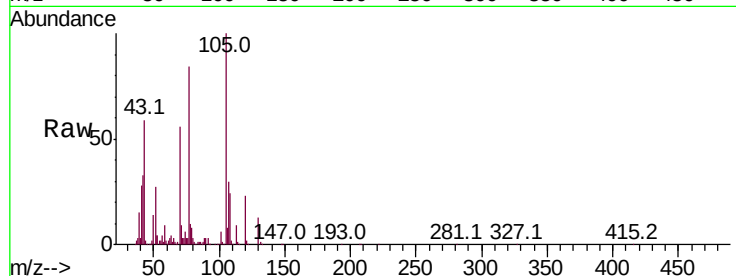




#19
n-Nitroso-di-n-propylamine
Concen: 41.718 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

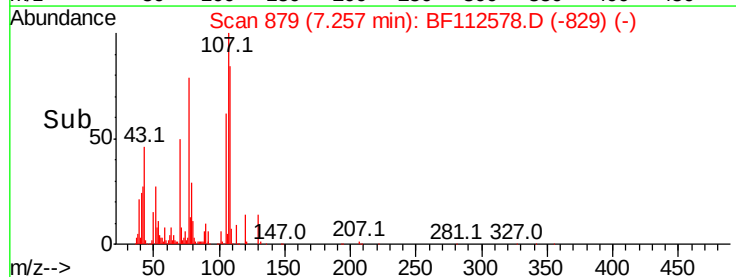
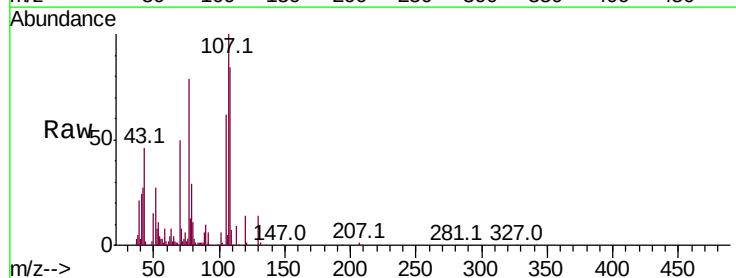
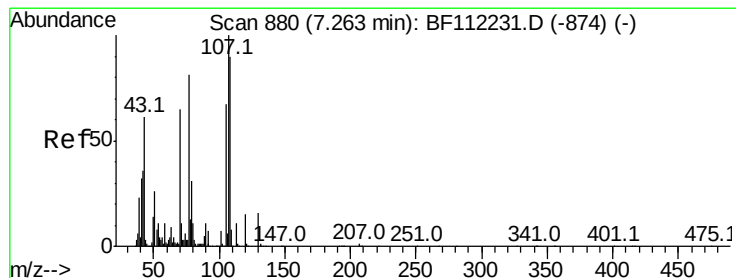
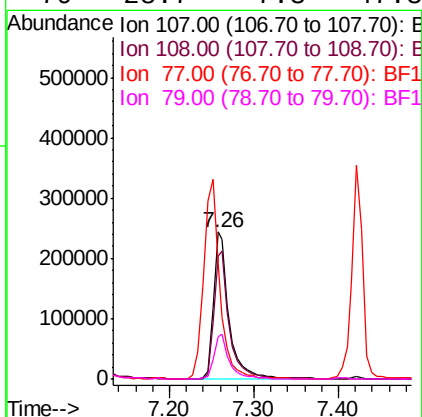
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

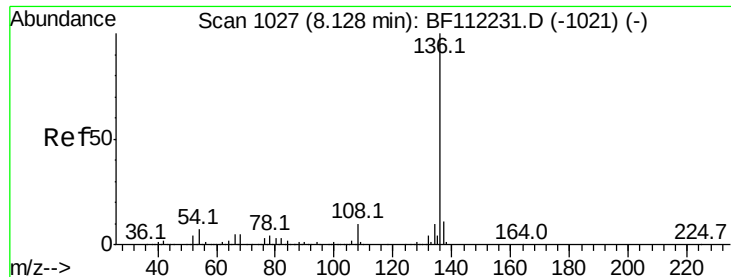
Tot Ion: 70 Resp: 218916
Ion Ratio Lower Upper
70 100
42 58.4 47.6 71.4
101 10.5 7.9 11.9
130 23.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 42.263 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:107 Resp: 315643
Ion Ratio Lower Upper
107 100
108 83.8 68.2 108.2
77 78.7 100.7 140.7#
79 28.7 7.3 47.3

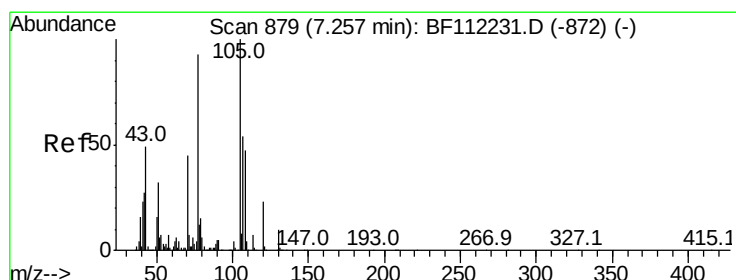
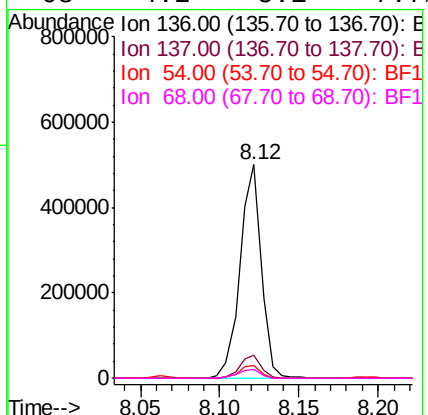
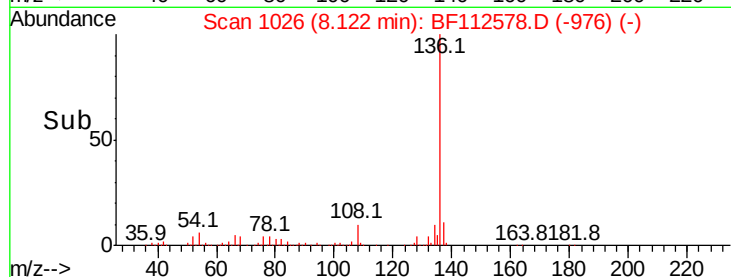
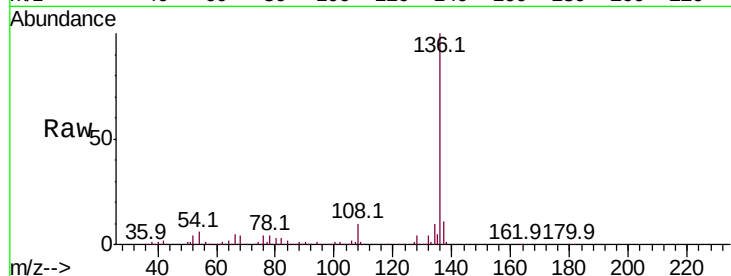




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

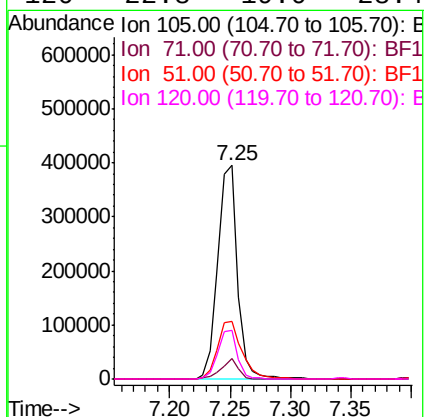
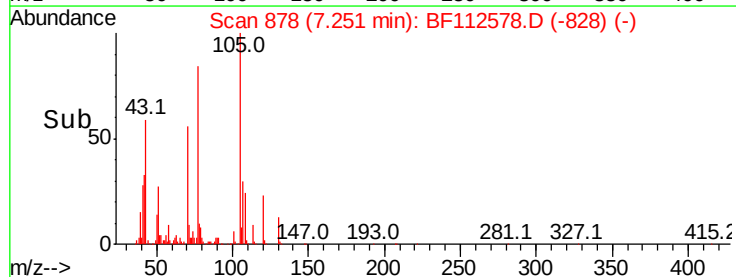
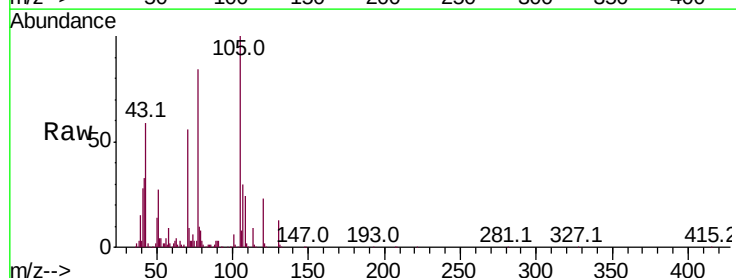
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

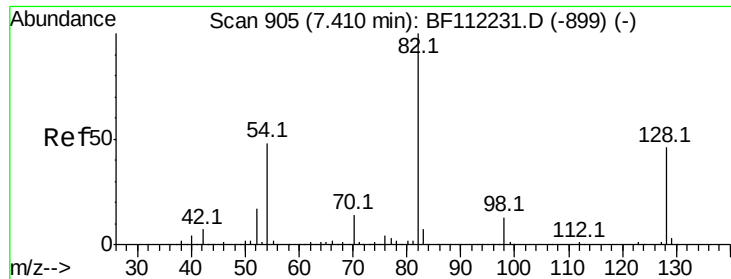
Tot Ion:136 Resp: 462961
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.0 5.9 8.9
68 4.2 5.1 7.7#



#22
Acetophenone
Concen: 39.408 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:105 Resp: 444248
Ion Ratio Lower Upper
105 100
71 9.4 4.6 6.8#
51 27.1 25.0 37.6
120 22.8 19.0 28.4

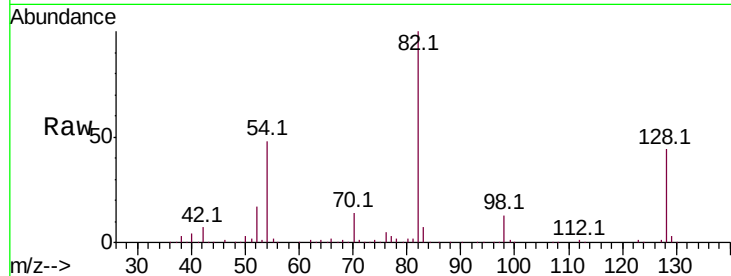




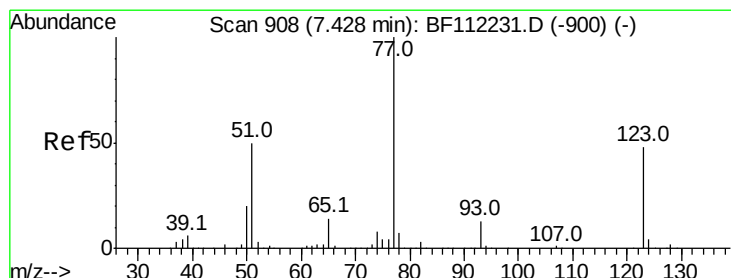
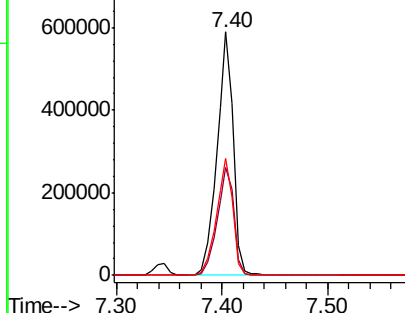
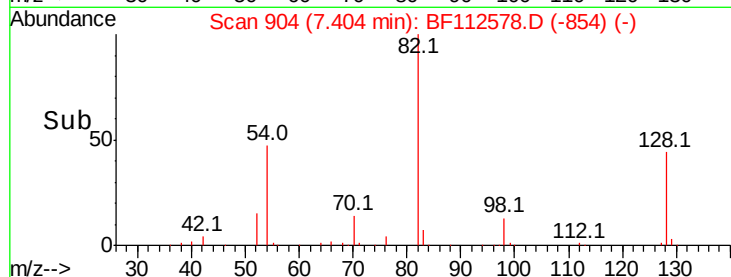
#23
 Nitrobenzene-d5
 Concen: 79.990 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	82	Resp	642698
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.8	56.8
54	48.1	39.7	59.5

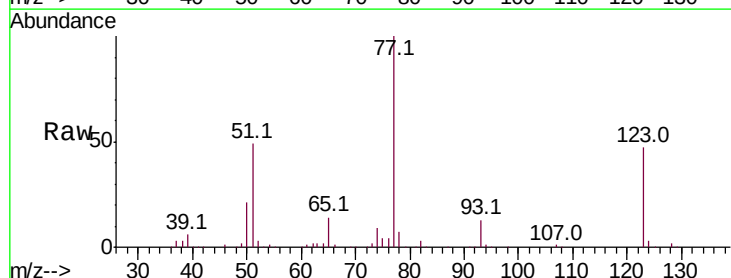


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

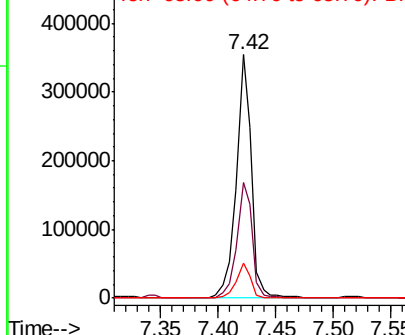
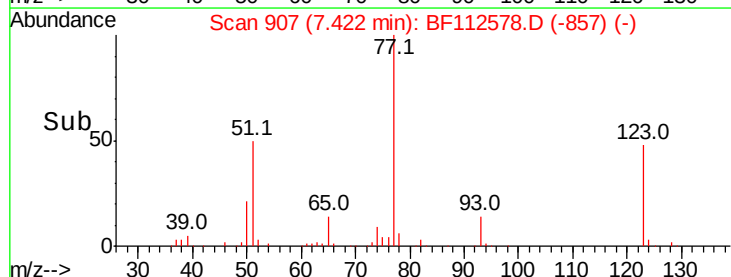


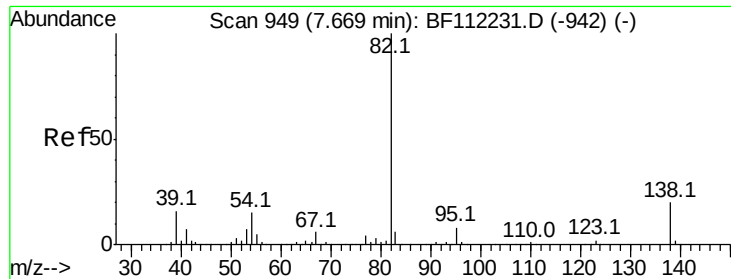
#24
 Nitrobenzene
 Concen: 39.451 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	77	Resp	316571
Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.4	57.6
65	14.2	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: 40.058 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

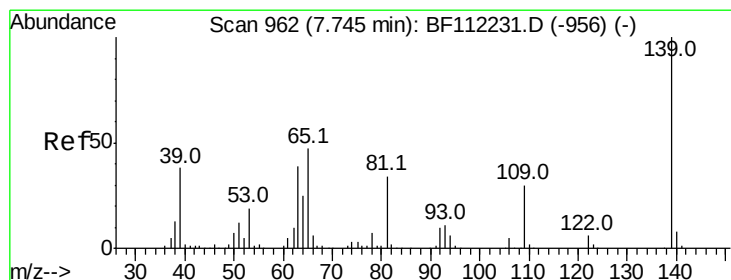
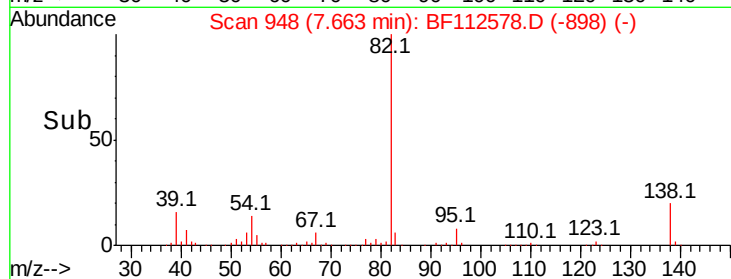
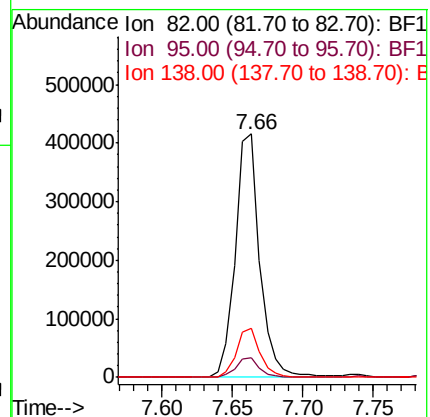
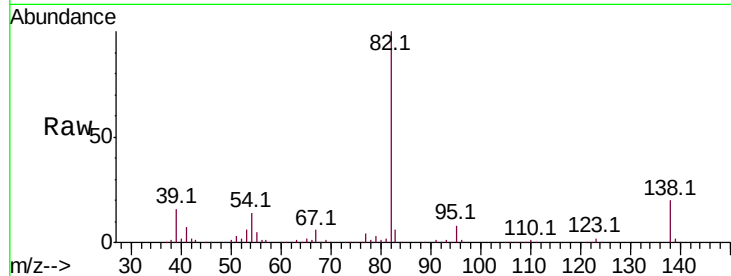
Tot Ion: 82 Resp: 504926

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

138 20.2 15.4 23.0



#26

2-Nitrophenol

Concen: 40.945 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

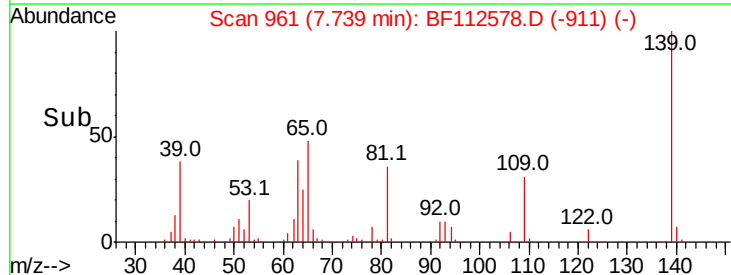
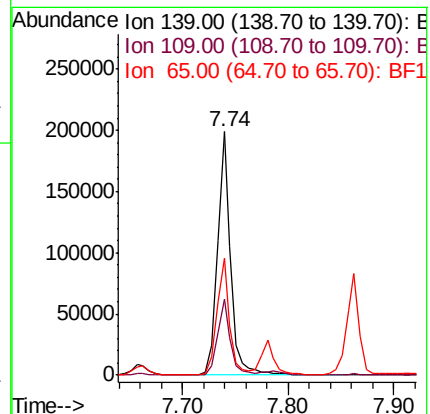
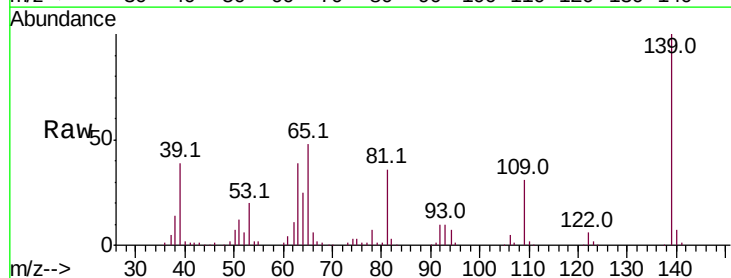
Tgt Ion: 139 Resp: 175585

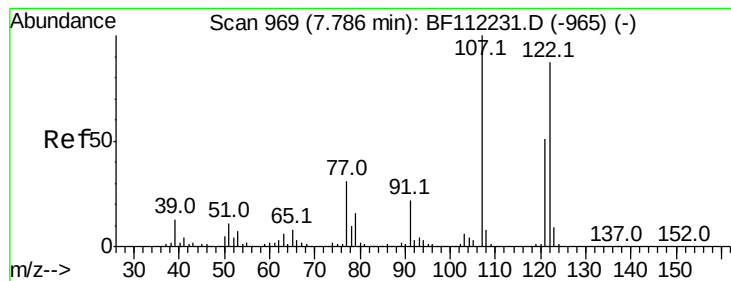
Ion Ratio Lower Upper

139 100

109 31.0 20.8 31.2

65 47.9 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 39.291 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

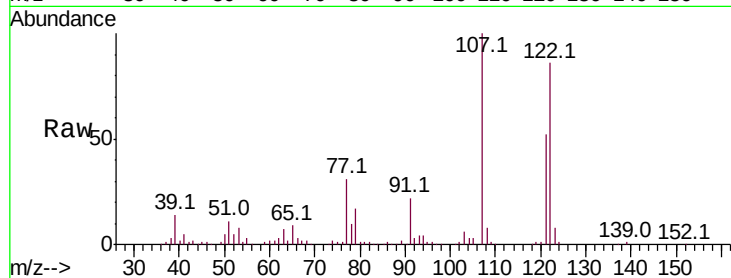
Tot Ion:122 Resp: 232147

Ion Ratio Lower Upper

122 100

107 116.7 85.4 128.0

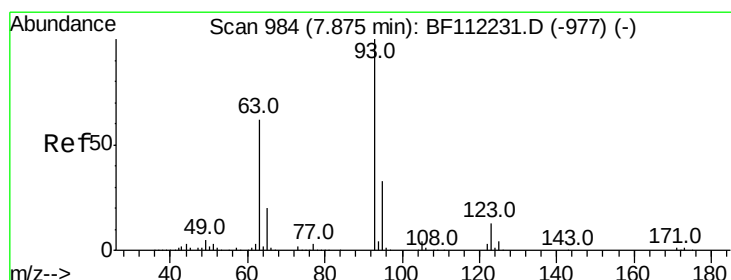
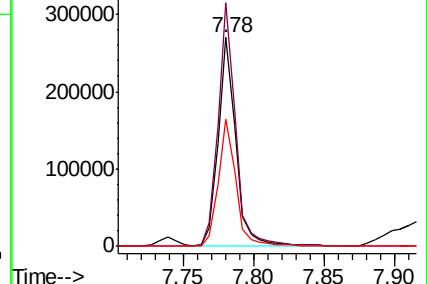
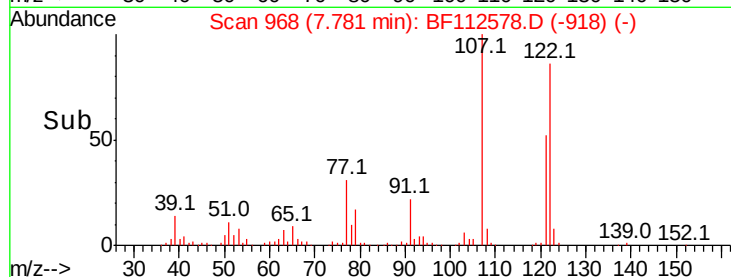
121 60.7 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.913 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

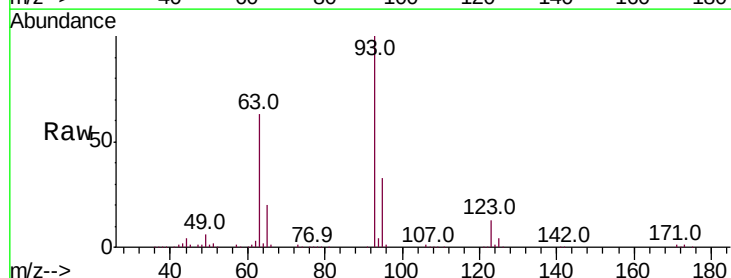
Tgt Ion: 93 Resp: 342567

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

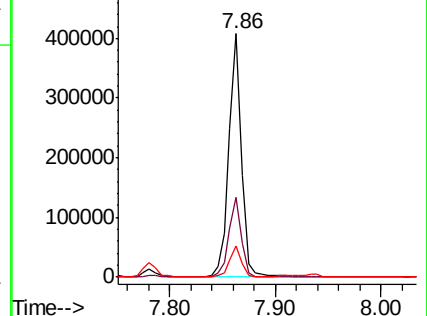
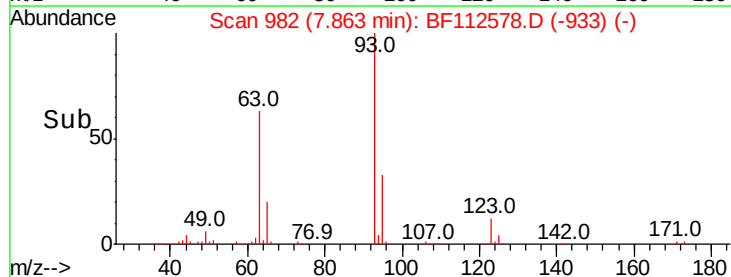
123 12.6 10.2 15.2

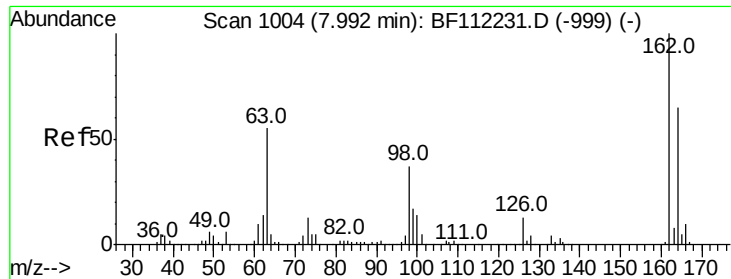


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

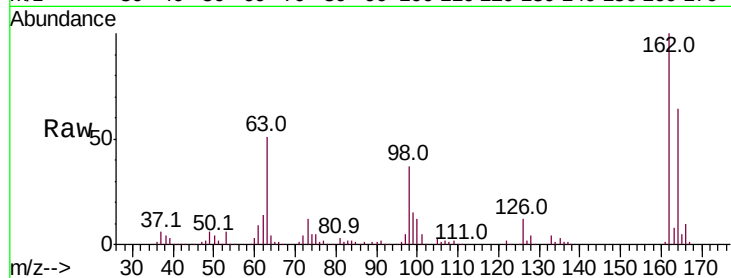




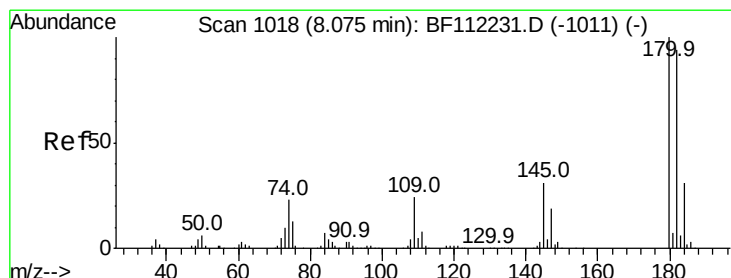
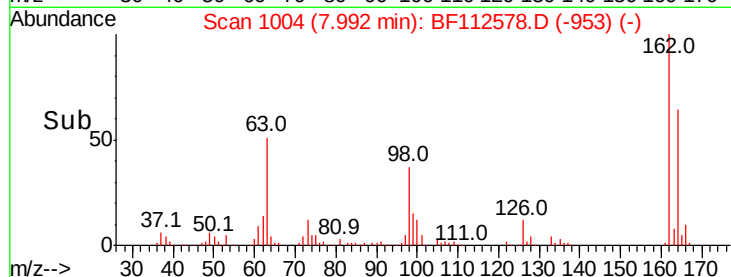
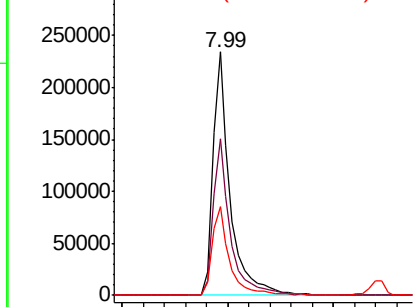
#29
 2,4-Dichlorophenol
 Concen: 40.426 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	36.7	14.6	54.6

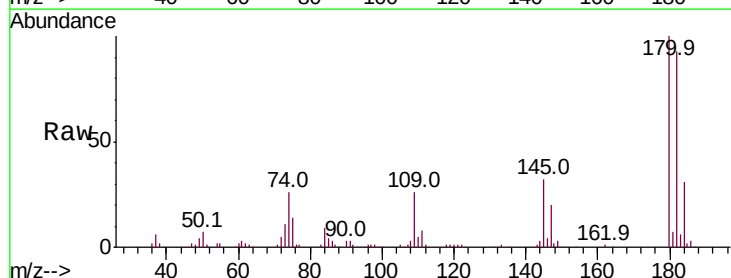


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

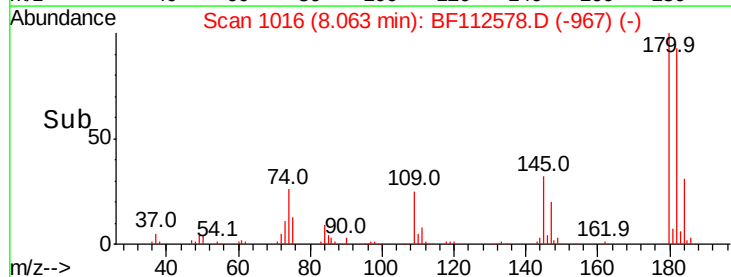
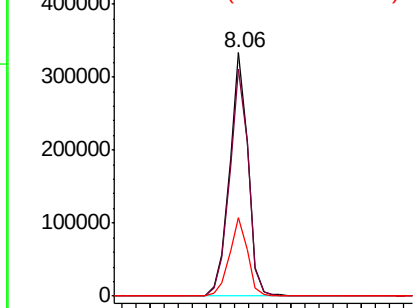


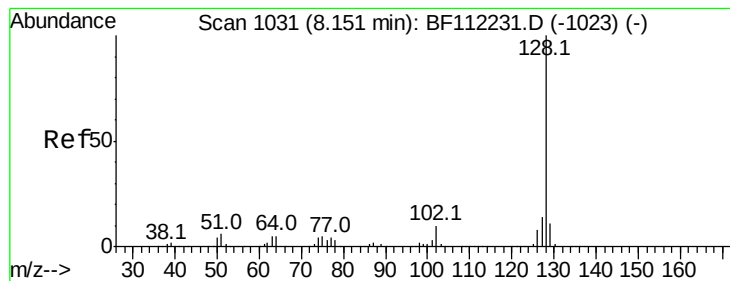
#30
 1,2,4-Trichlorobenzene
 Concen: 39.753 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.4	114.6
145	32.2	25.0	37.4



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





#31

Naphthalene

Concen: 39.687 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

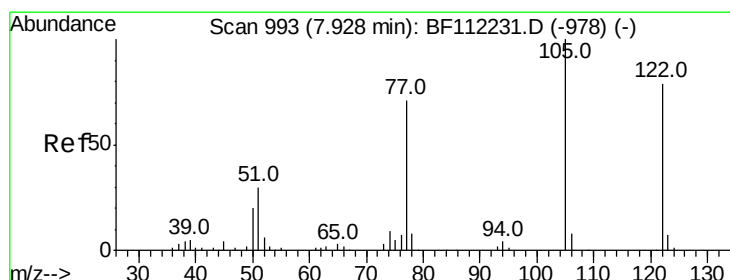
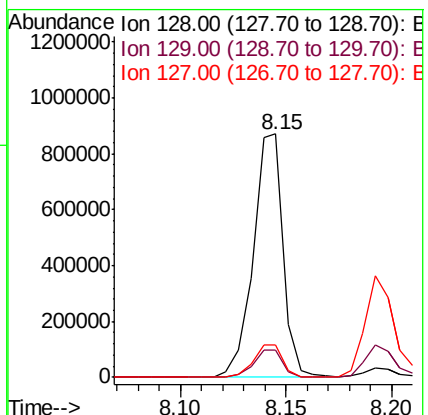
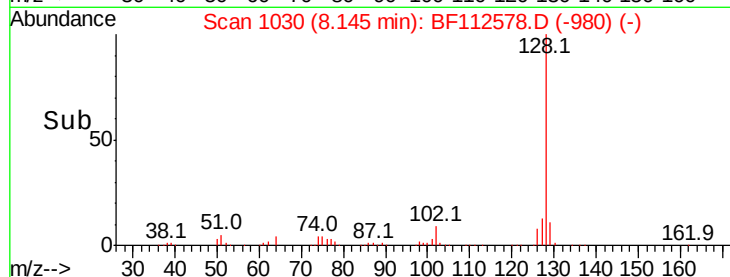
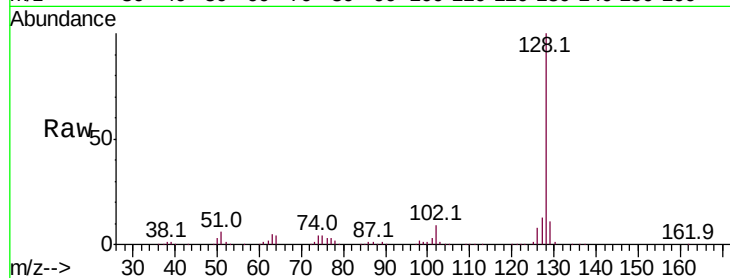
Tot Ion:128 Resp: 859234

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

127 13.4 11.1 16.7



#32

Benzoic acid

Concen: 35.477 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

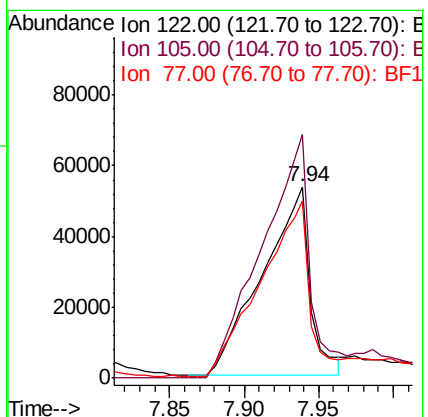
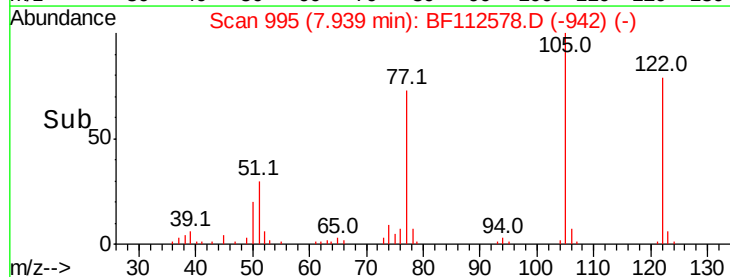
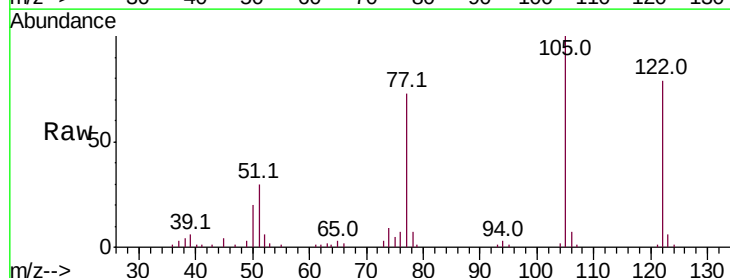
Tgt Ion:122 Resp: 119567

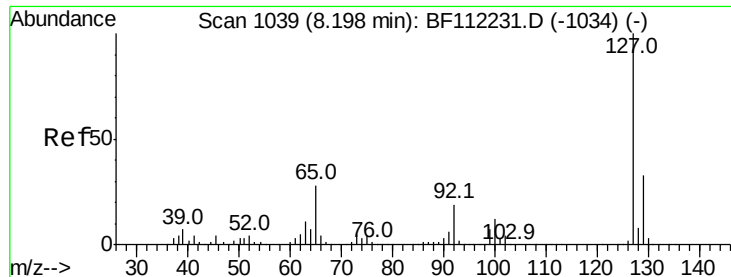
Ion Ratio Lower Upper

122 100

105 127.2 101.2 141.2

77 92.5 70.4 110.4

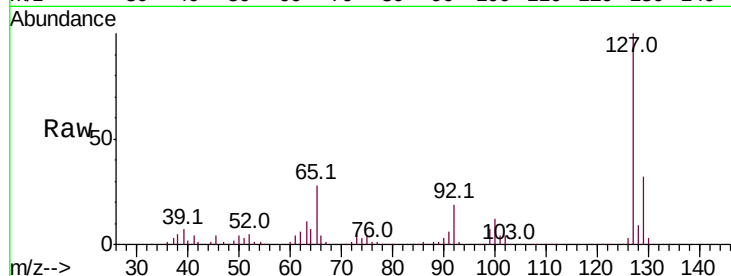




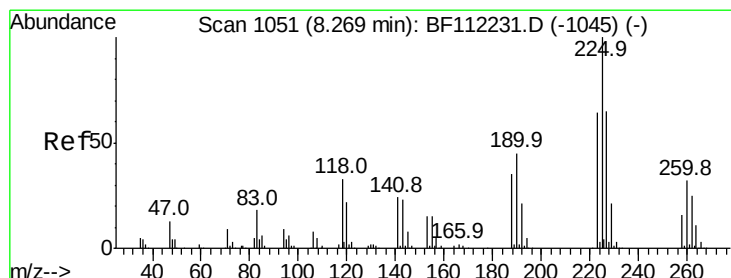
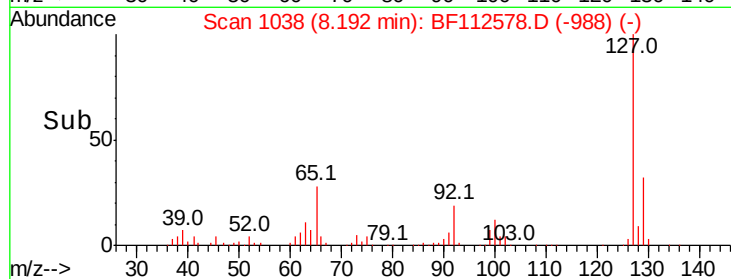
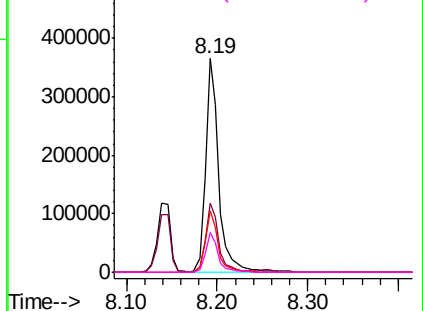
#33
4-Chloroaniline
Concen: 39.377 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	371201
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	28.5	21.4	32.2
92	18.7	14.2	21.2

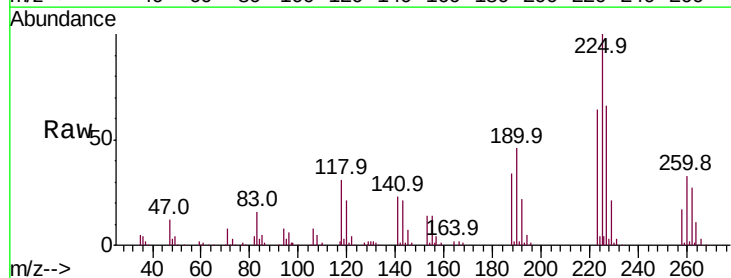


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

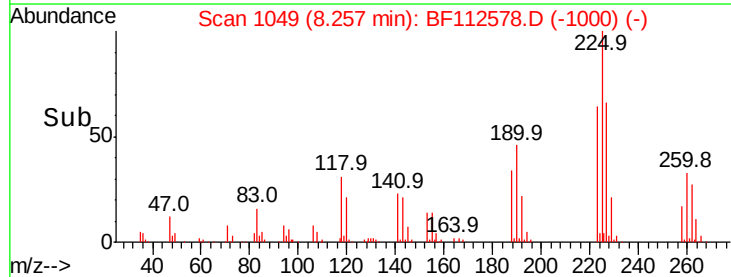
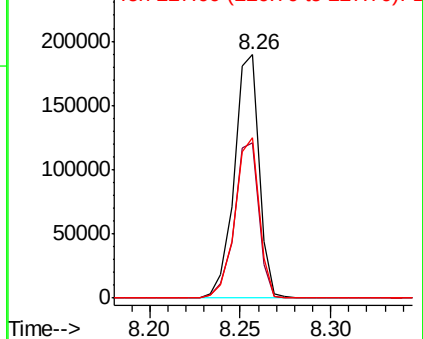


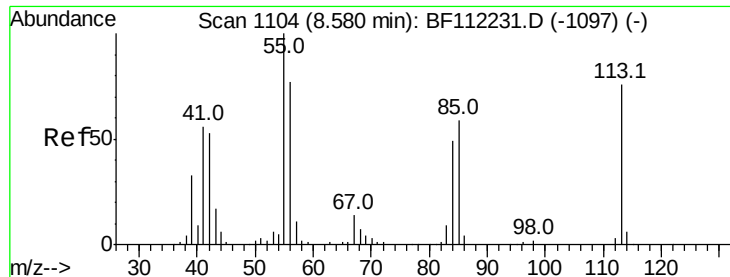
#34
Hexachlorobutadiene
Concen: 40.566 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:	225	Resp:	180917
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.3	75.5
227	65.7	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

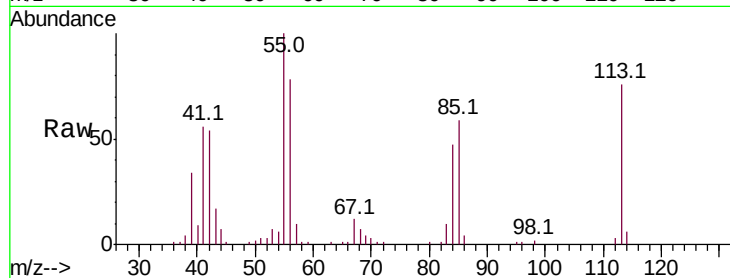




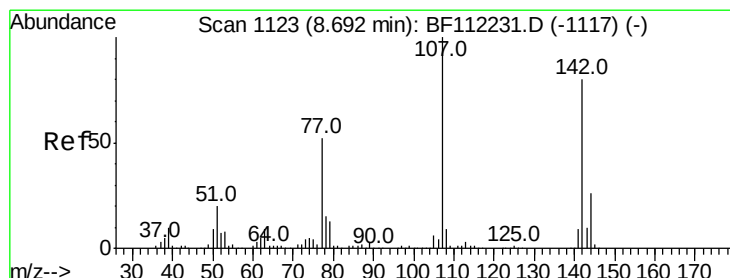
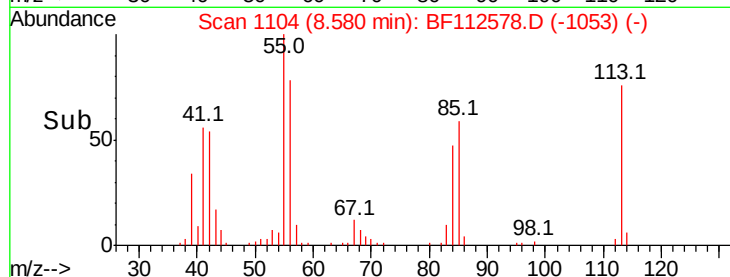
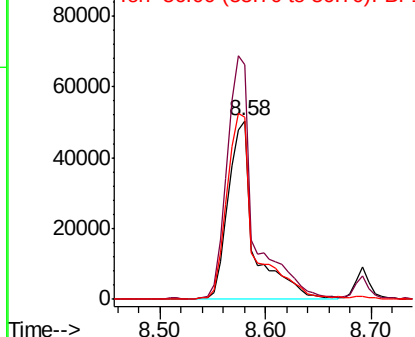
#35
 Caprolactam
 Concen: 37.277 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 86947
 Ion Ratio Lower Upper
 113 100
 55 131.5 121.6 161.6
 56 102.1 86.7 126.7

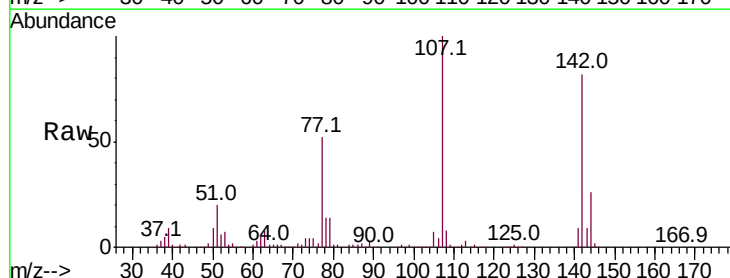


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

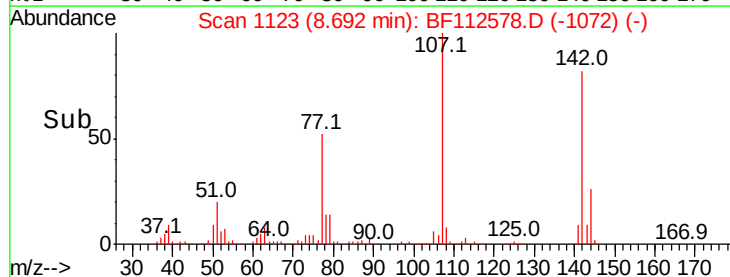
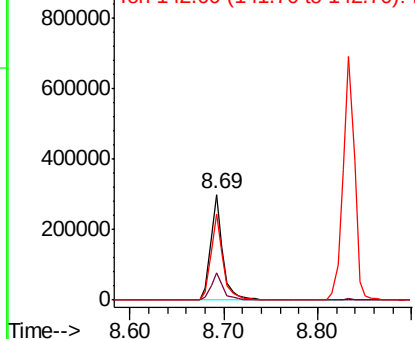


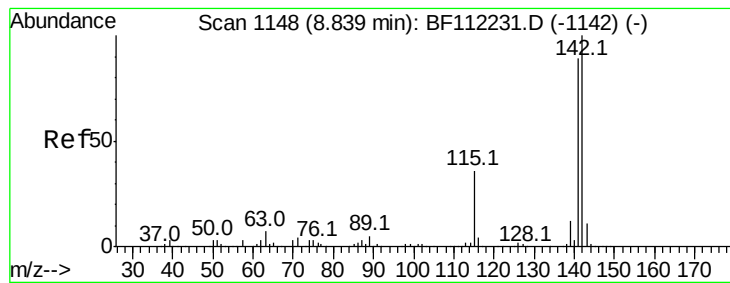
#36
 4-Chloro-3-methylphenol
 Concen: 39.253 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion:107 Resp: 274749
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.2 33.2
 142 81.7 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

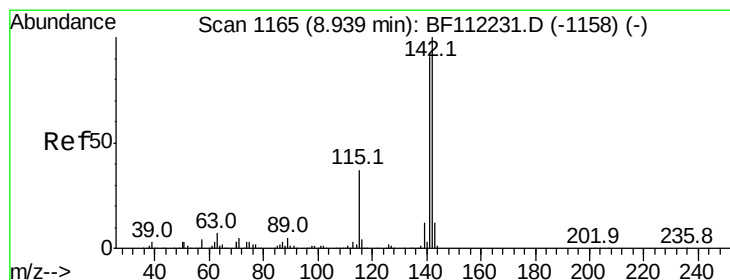
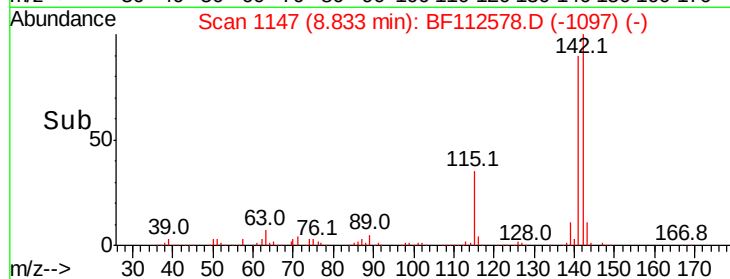
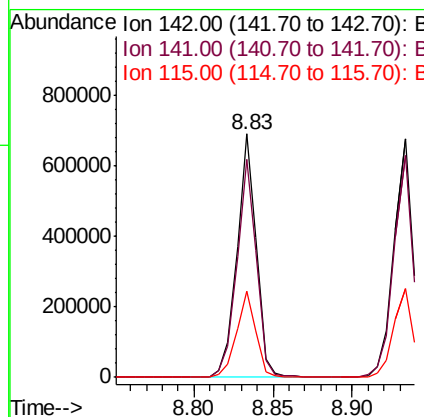
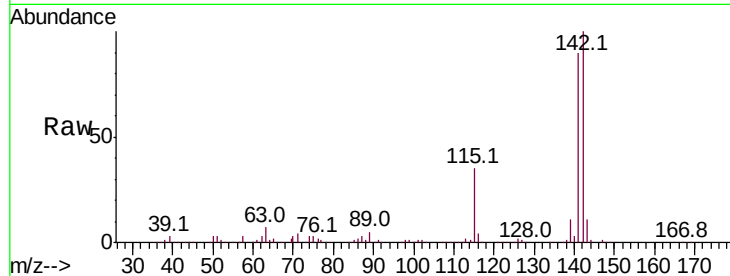




#37
 2-Methylnaphthalene
 Concen: 39.344 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

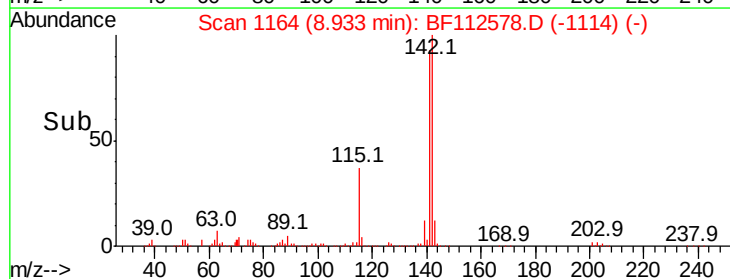
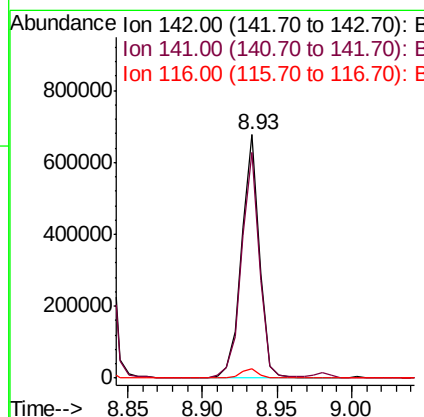
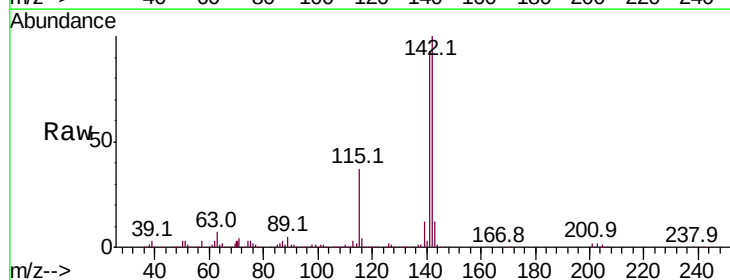
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

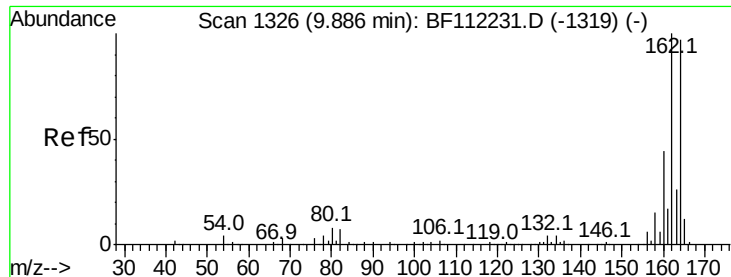
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3
115	35.3	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 39.486 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	108.8
116	3.8	2.8	4.2

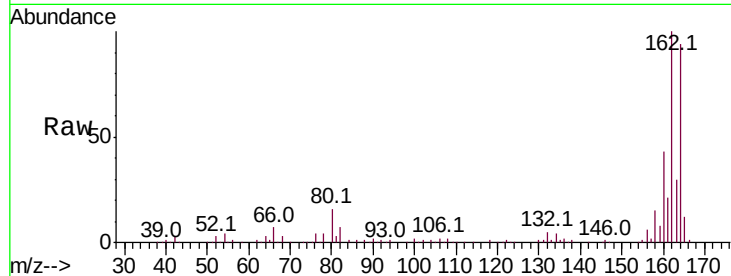




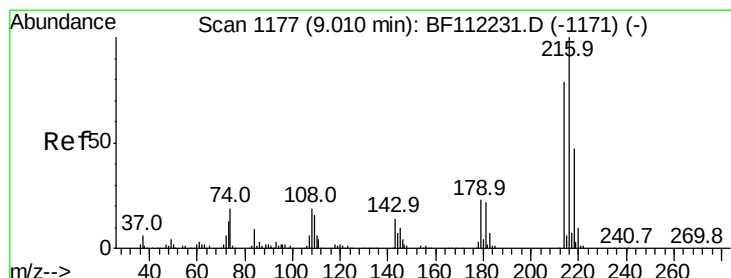
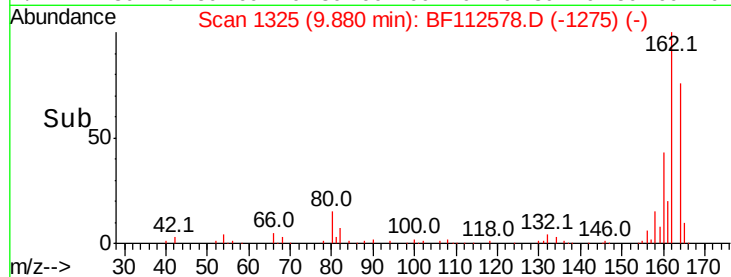
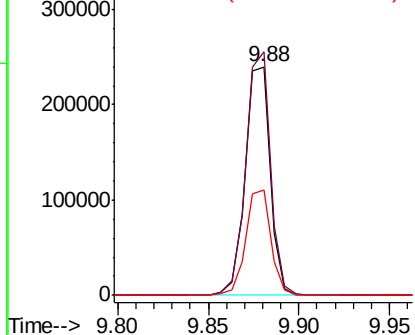
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 229544
Ion Ratio Lower Upper
164 100
162 106.5 82.2 123.4
160 46.1 36.2 54.4

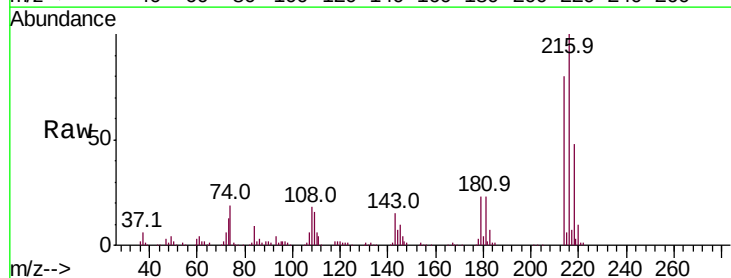


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

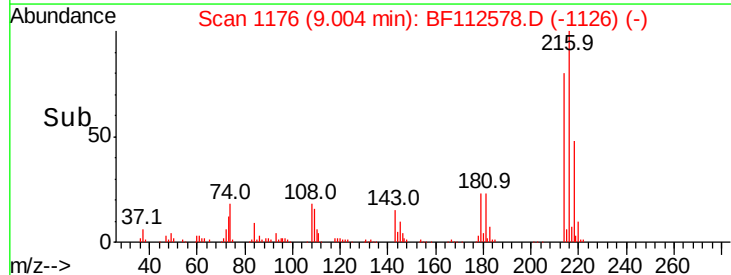
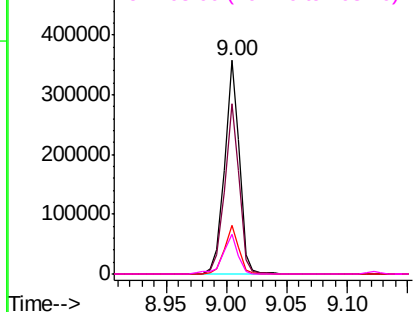


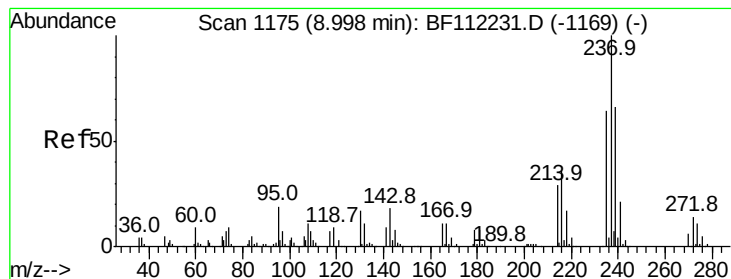
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.989 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:216 Resp: 301389
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 22.0 16.9 25.3
108 18.6 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.981 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

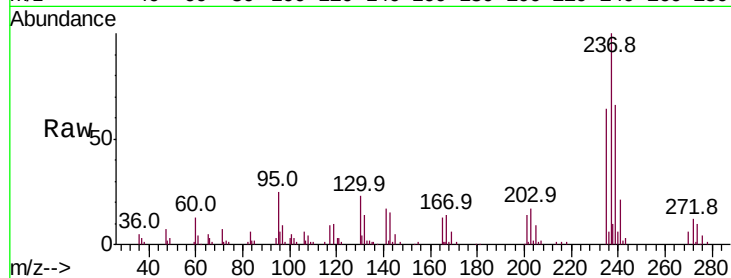
Tot Ion:237 Resp: 76099

Ion Ratio Lower Upper

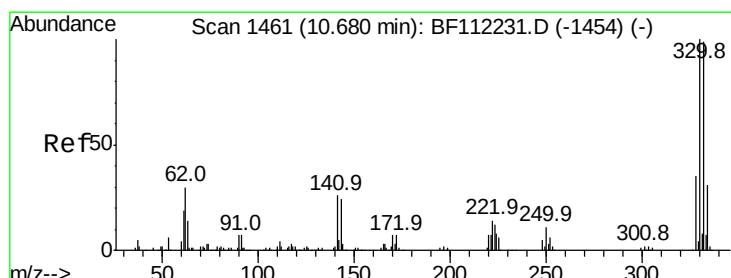
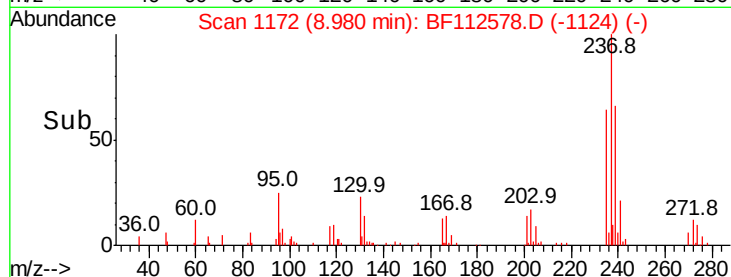
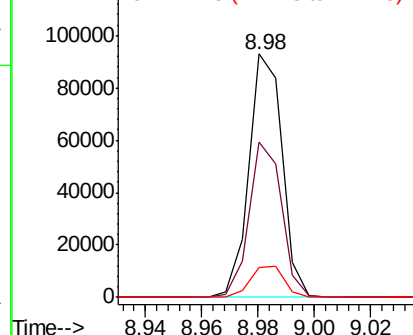
237 100

235 63.8 44.0 84.0

272 12.5 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: 80.509 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

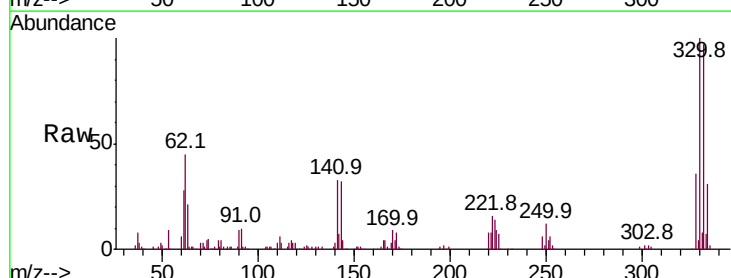
Tgt Ion:330 Resp: 215106

Ion Ratio Lower Upper

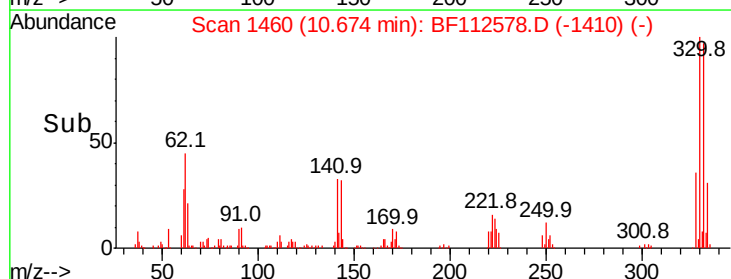
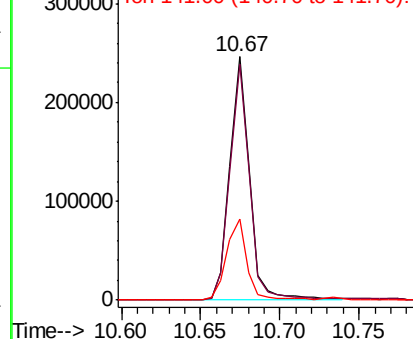
330 100

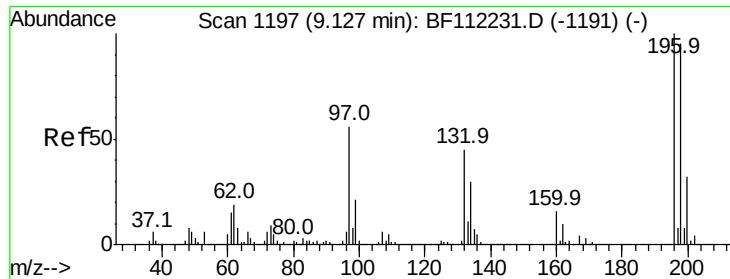
332 98.2 76.6 114.8

141 34.5 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

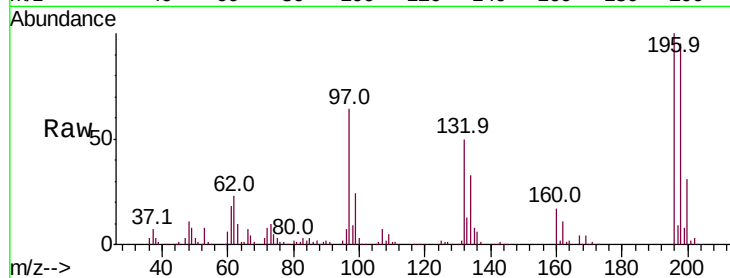




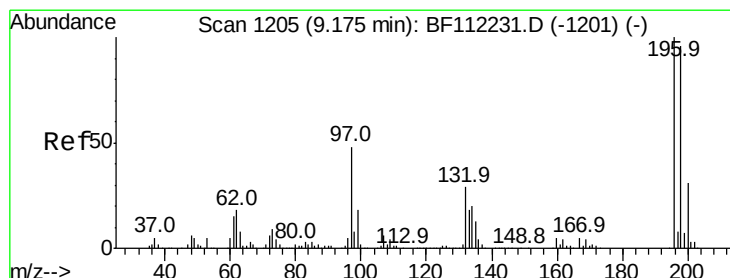
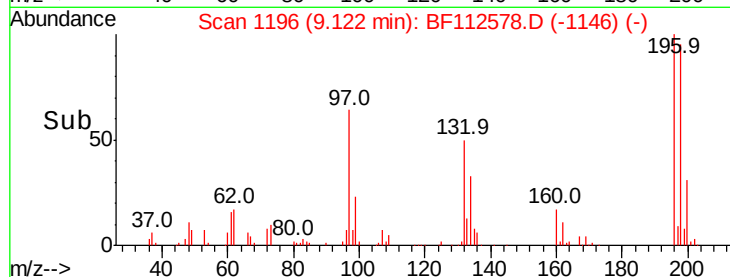
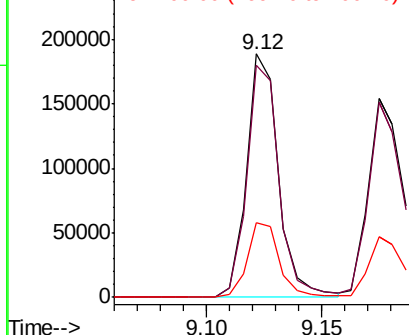
#43
 2,4,6-Trichlorophenol
 Concen: 39.029 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 181316
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 200 30.6 24.3 36.5



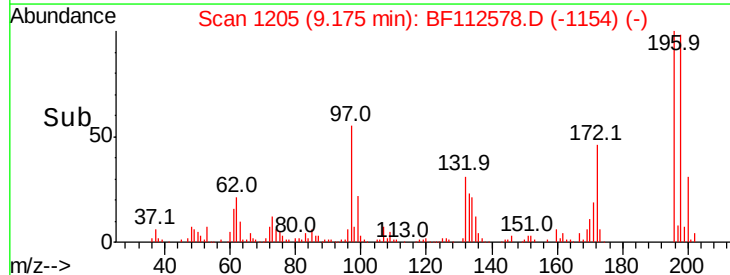
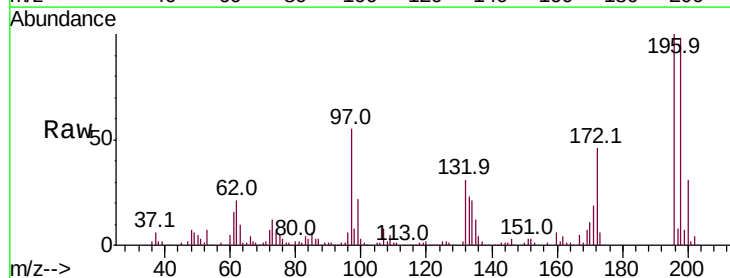
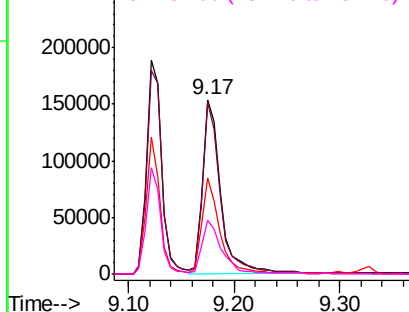
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

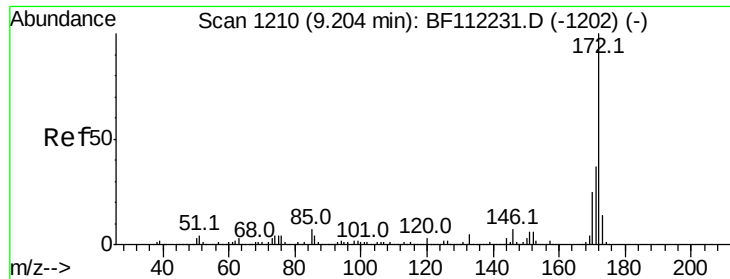


#44
 2,4,5-Trichlorophenol
 Concen: 37.838 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion:196 Resp: 183717
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.0 114.0
 97 55.0 36.4 54.6#
 132 31.0 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

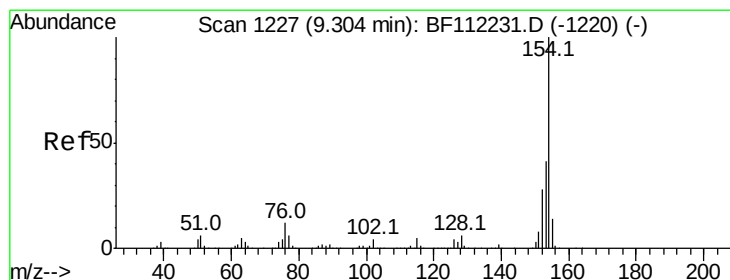
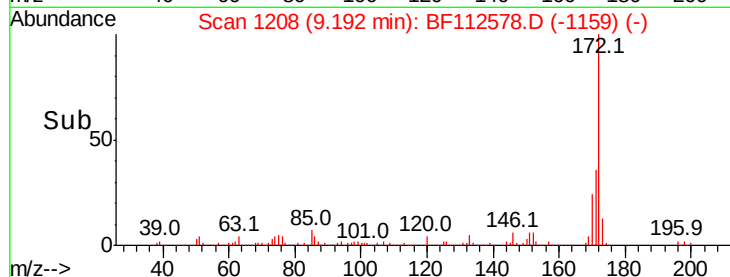
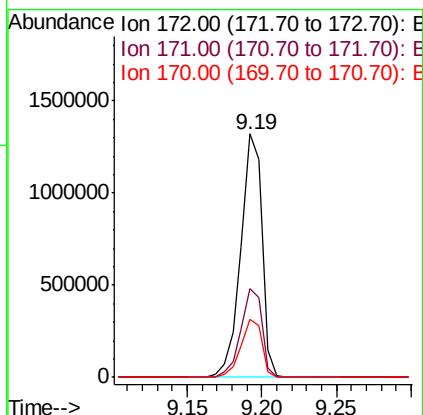
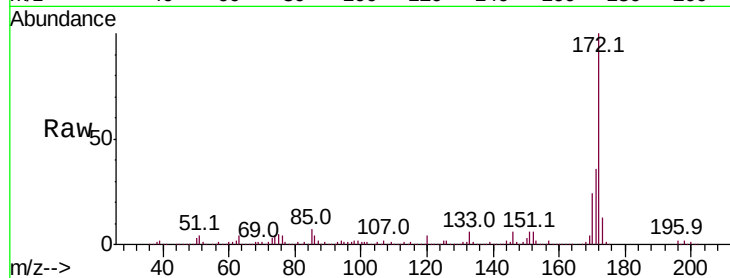




#45
2-Fluorobiphenyl
Concen: 80.711 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

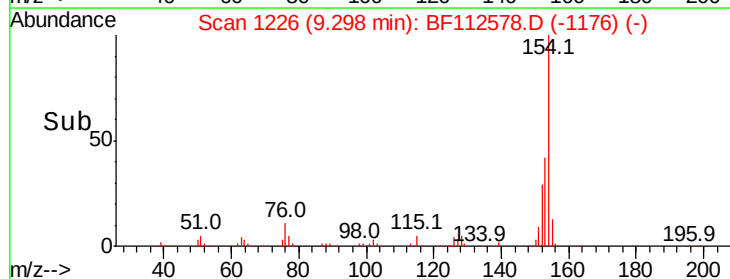
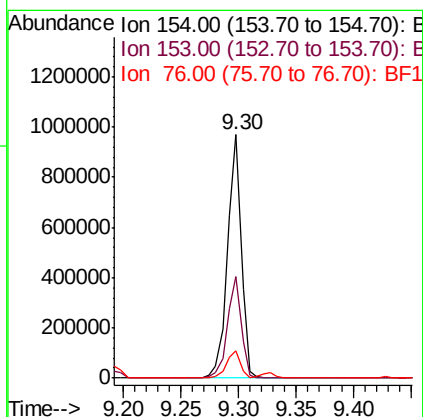
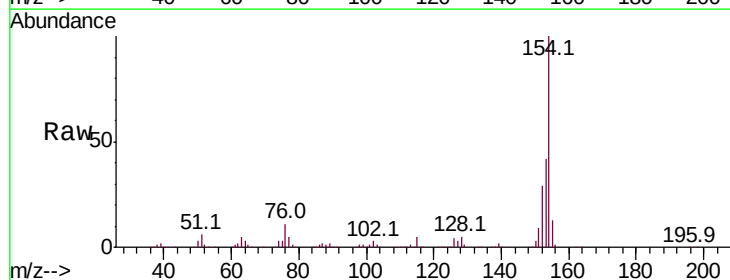
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

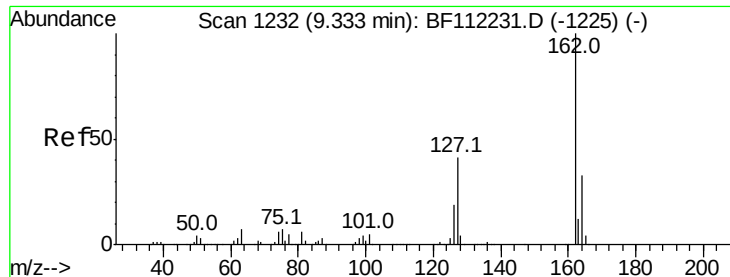
Tot Ion:172 Resp: 1309926
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.997 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:154 Resp: 802652
Ion Ratio Lower Upper
154 100
153 41.7 21.5 61.5
76 11.2 0.0 33.1

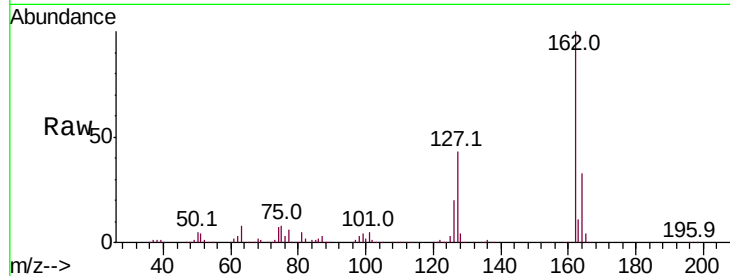




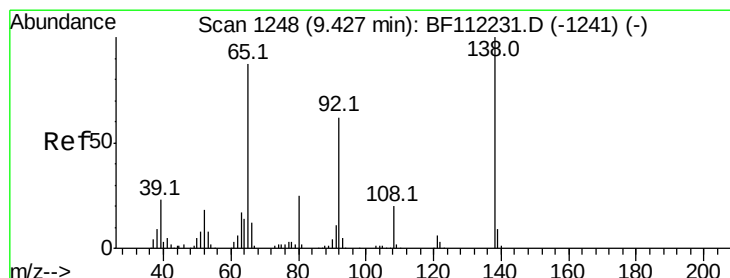
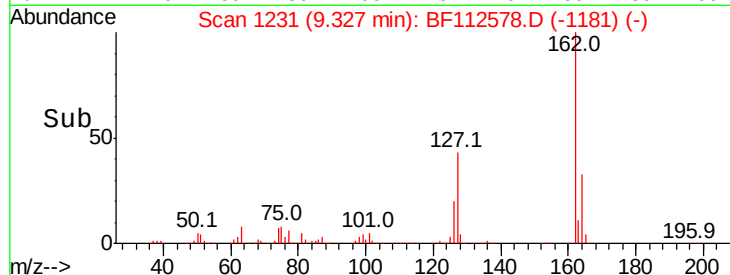
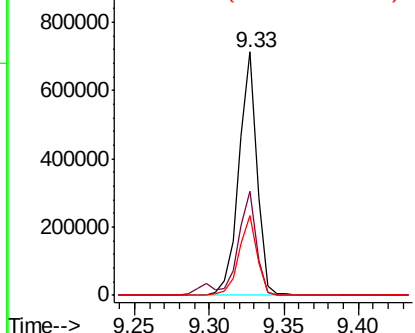
#47
 2-Chloronaphthalene
 Concen: 39.046 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	30.4	45.6
164	33.0	27.4	41.2

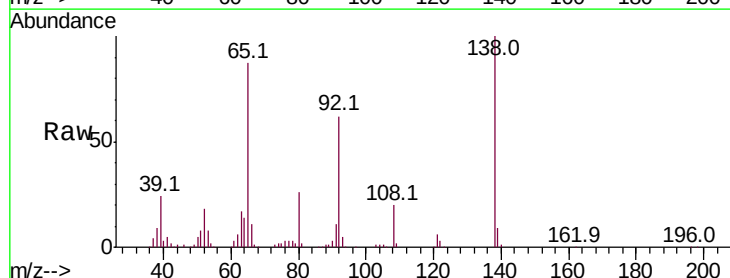


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

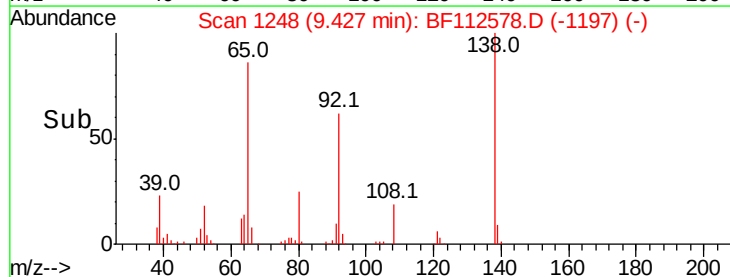
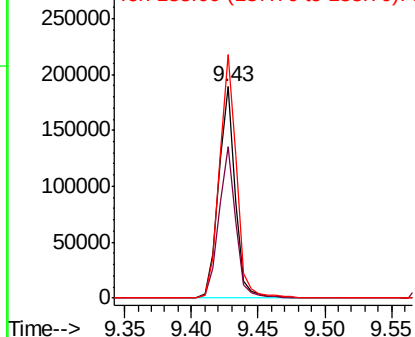


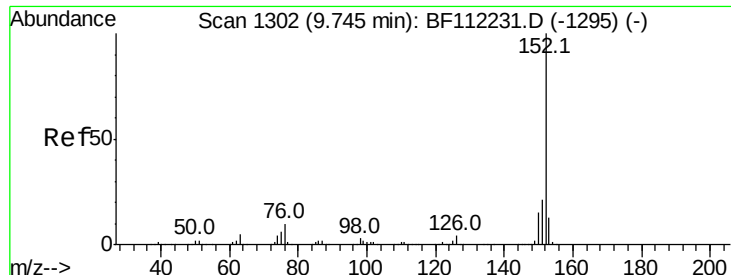
#48
 2-Nitroaniline
 Concen: 39.653 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	60.4	90.6
138	115.1	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: 39.331 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

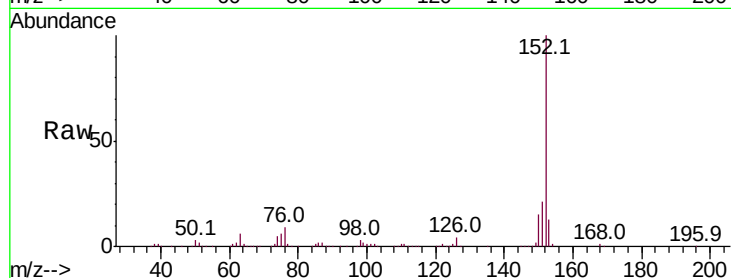
Tot Ion:152 Resp: 897096

Ion Ratio Lower Upper

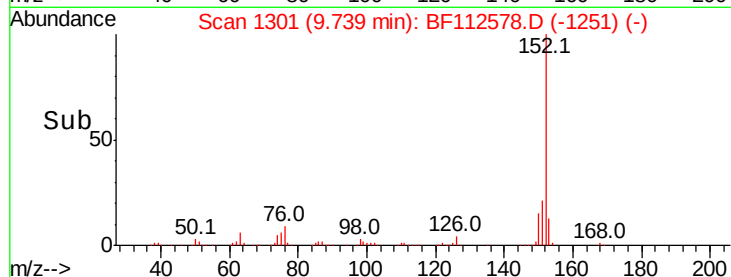
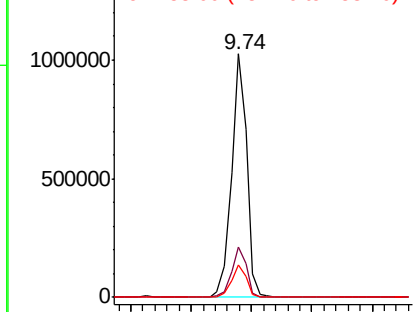
152 100

151 20.9 17.0 25.6

153 13.2 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: 38.270 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

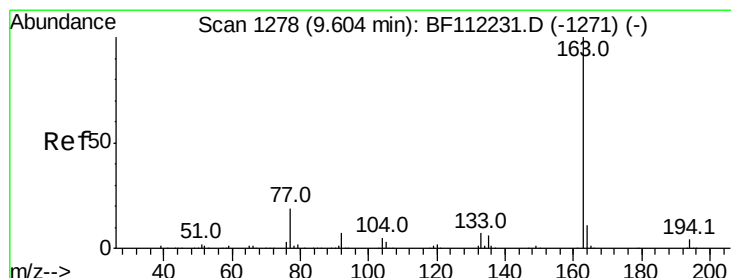
Tgt Ion:163 Resp: 682519

Ion Ratio Lower Upper

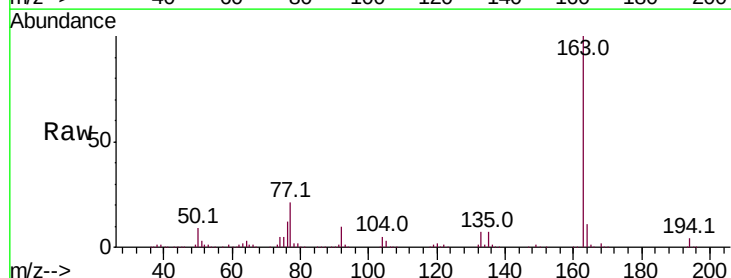
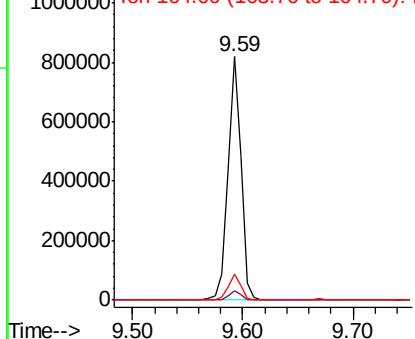
163 100

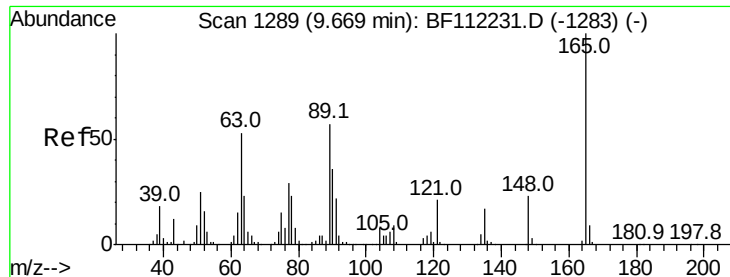
194 3.8 3.3 4.9

164 10.5 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: 38.913 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

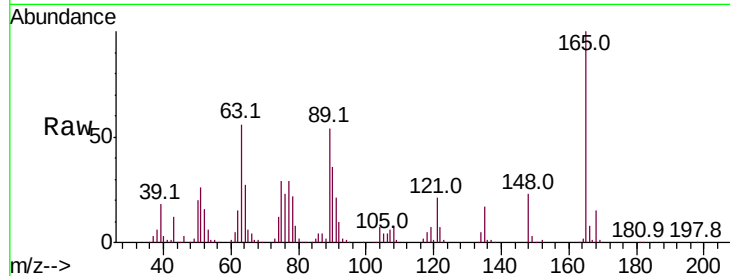
Tot Ion:165 Resp: 155428

Ion Ratio Lower Upper

165 100

63 56.2 33.8 50.8#

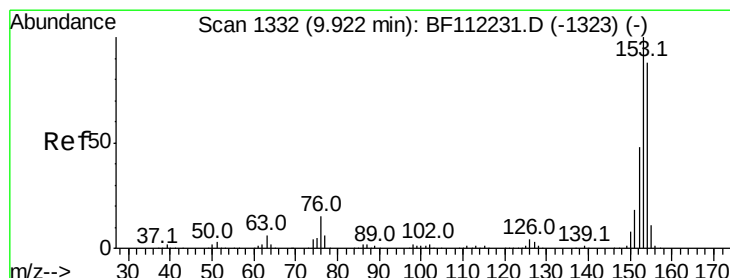
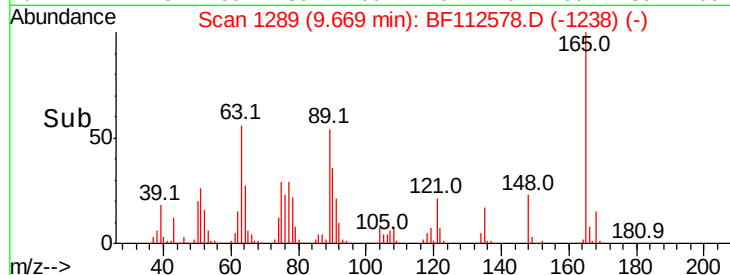
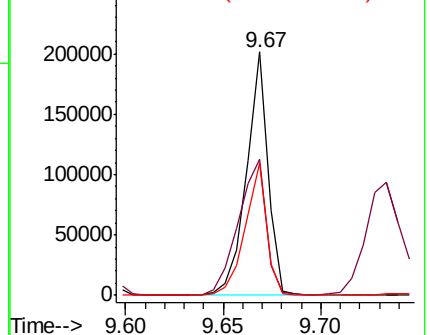
89 54.4 36.9 55.3



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: 39.736 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

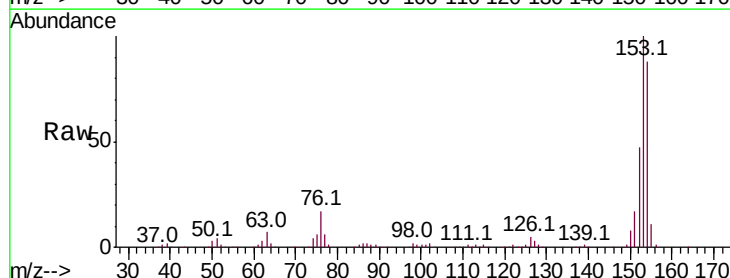
Tgt Ion:154 Resp: 541416

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

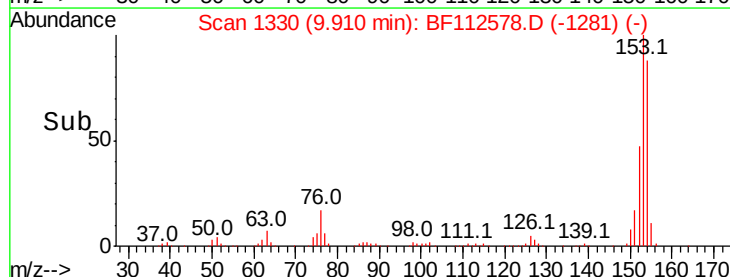
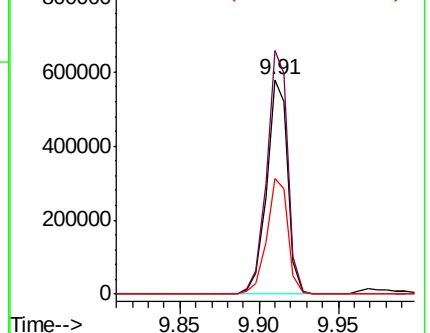
152 53.6 43.5 65.3

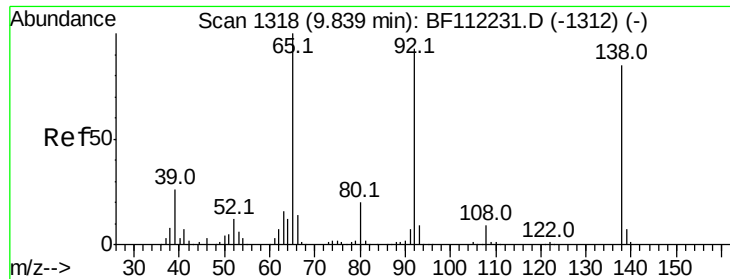


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.675 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

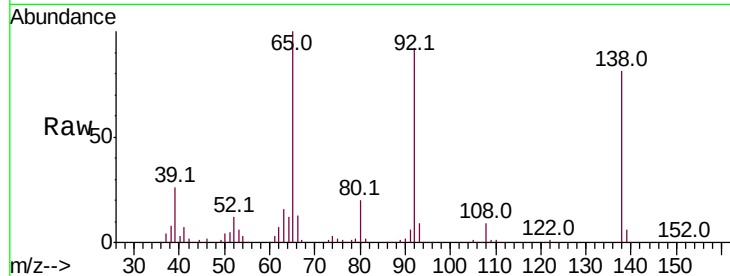
Tot Ion:138 Resp: 163027

Ion Ratio Lower Upper

138 100

108 10.6 9.8 14.6

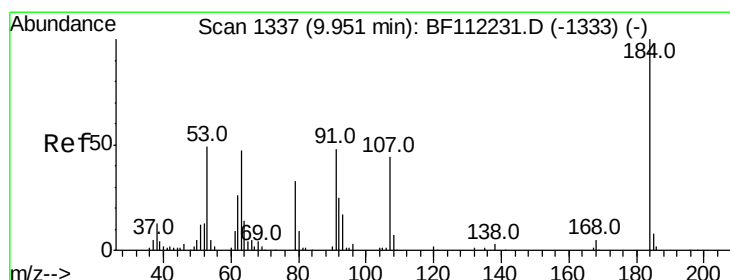
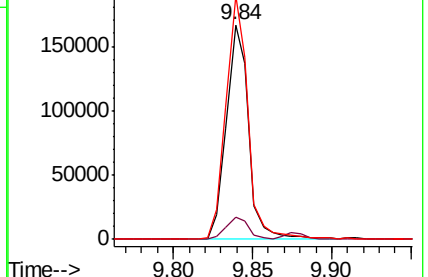
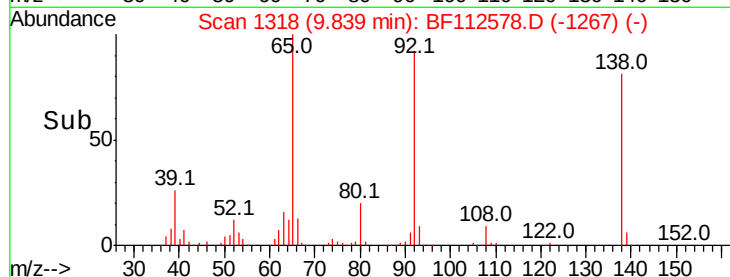
92 113.6 79.4 119.2



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: 31.723 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.02 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

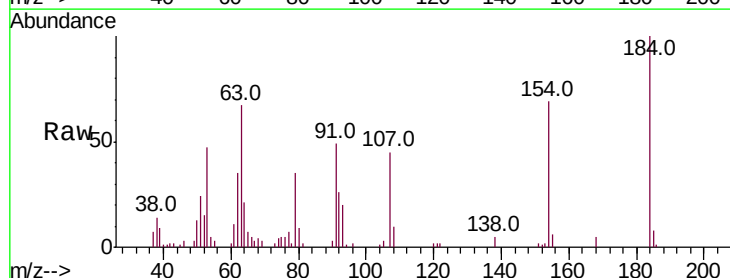
Tgt Ion:184 Resp: 40664

Ion Ratio Lower Upper

184 100

63 67.5 47.1 70.7

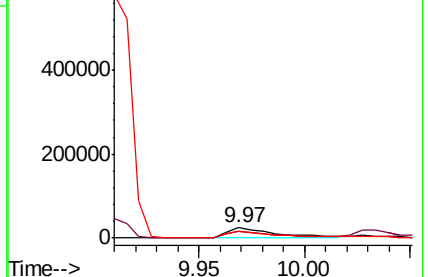
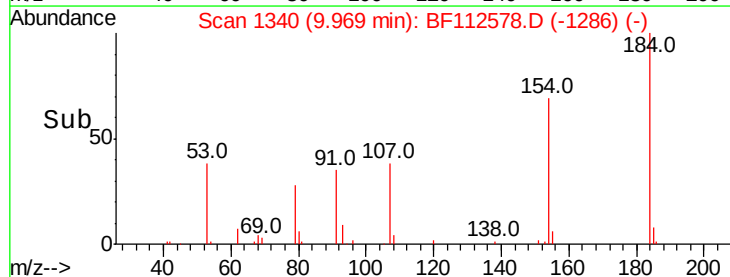
154 69.0 48.9 73.3

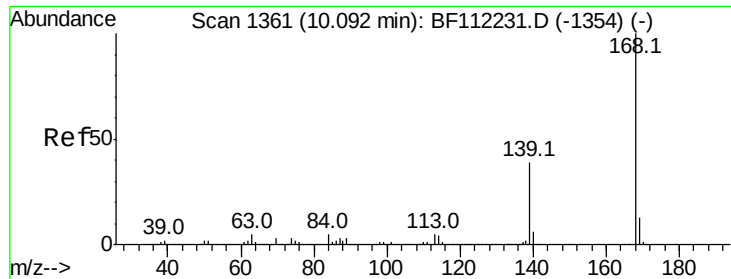


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.994 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

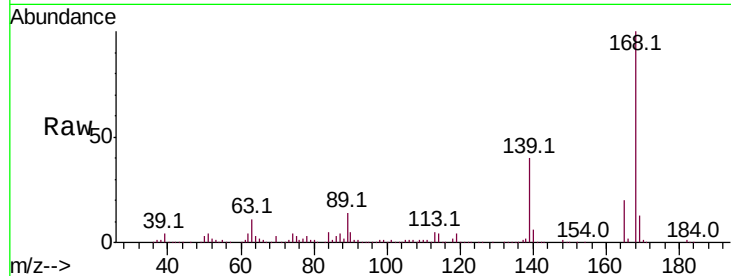
Tot Ion:168 Resp: 811934

Ion Ratio Lower Upper

168 100

139 39.9 29.2 43.8

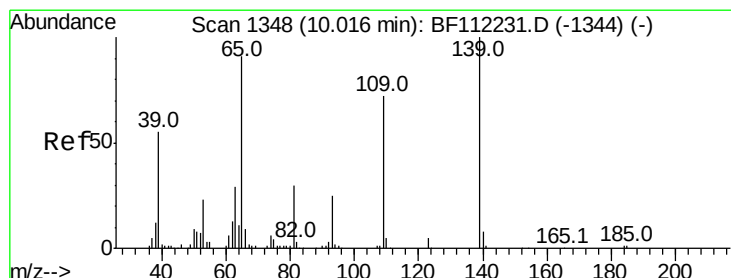
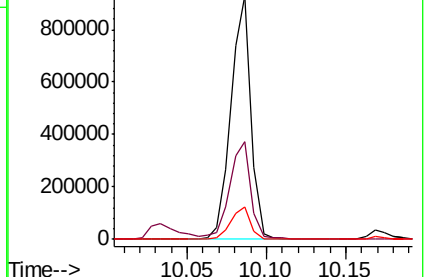
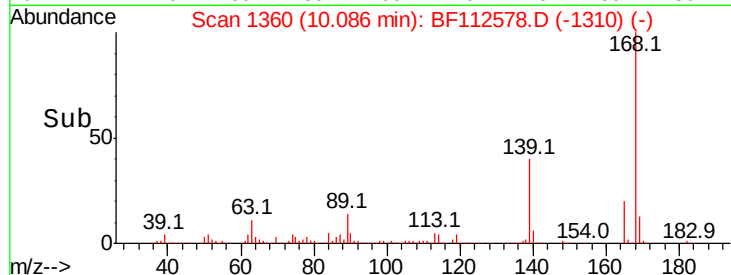
169 13.4 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.065 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.02 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

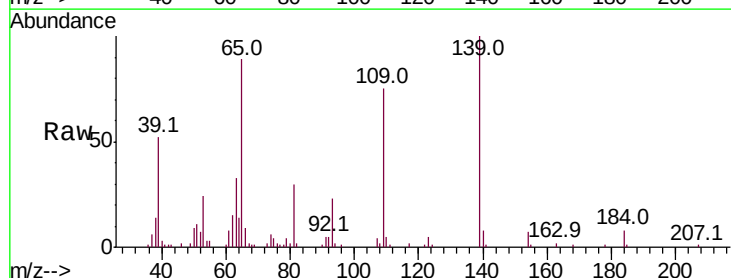
Tgt Ion:139 Resp: 77934

Ion Ratio Lower Upper

139 100

109 74.7 42.8 82.8

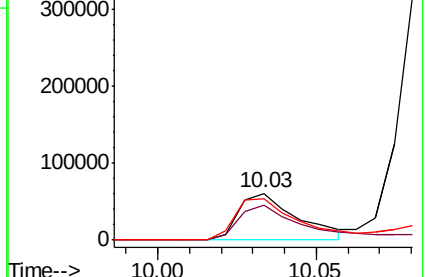
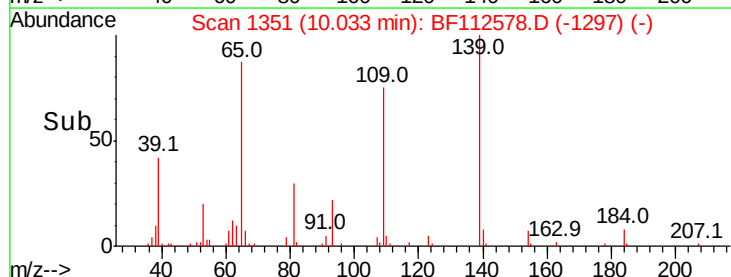
65 89.1 66.1 106.1

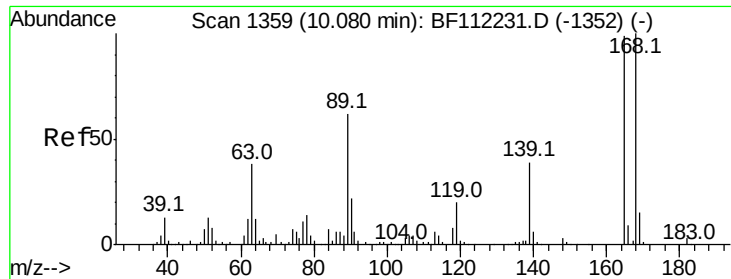


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

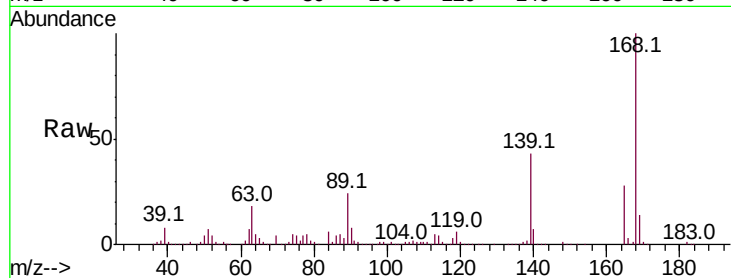




#57
2,4-Dinitrotoluene
Concen: 38.588 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.2	27.9	41.9#
89	83.1	47.9	71.9#
182	2.8	2.2	3.4



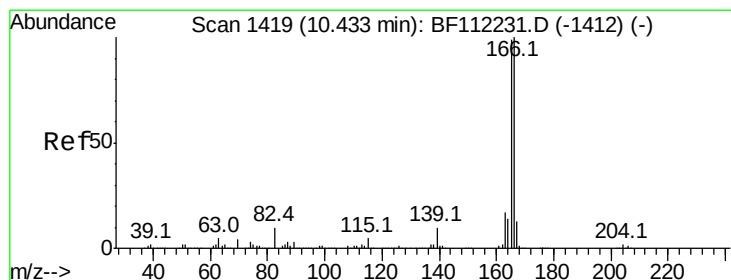
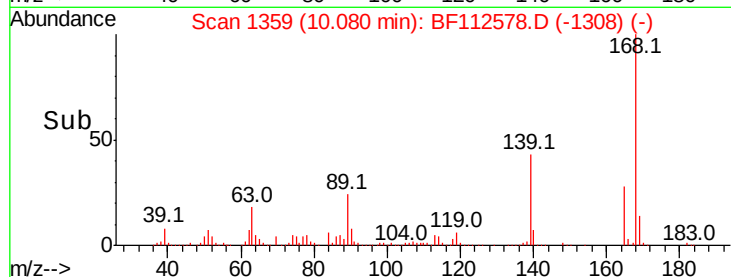
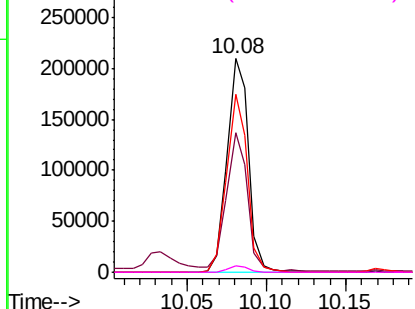
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

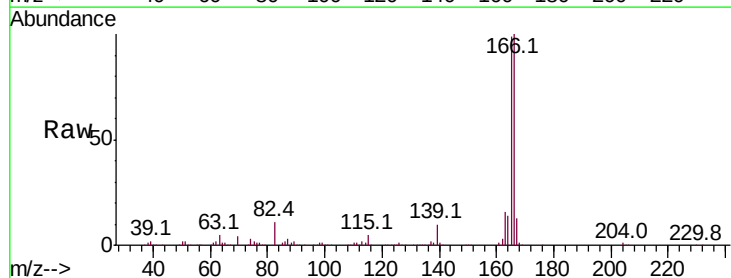
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.375 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.1	115.7
167	13.3	11.3	16.9

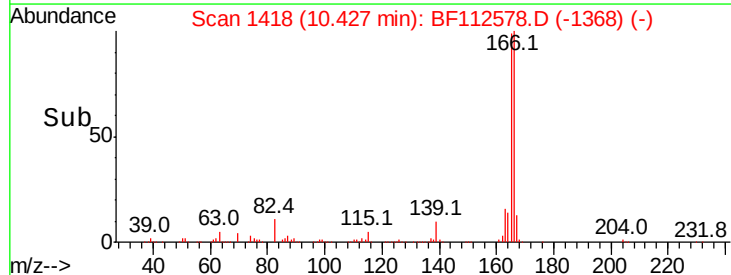
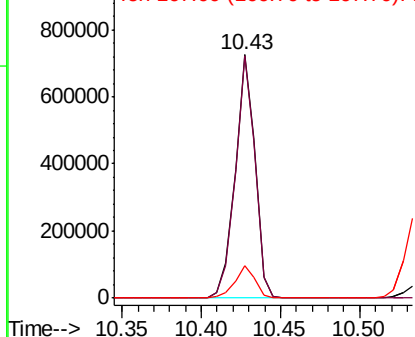


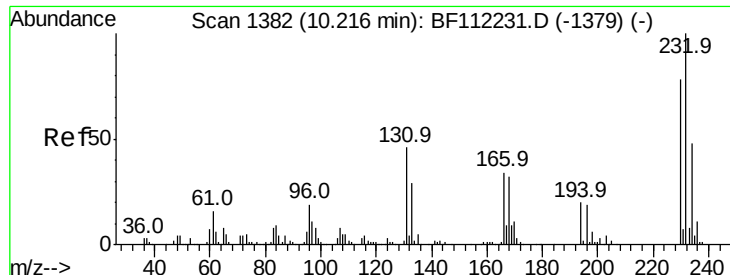
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

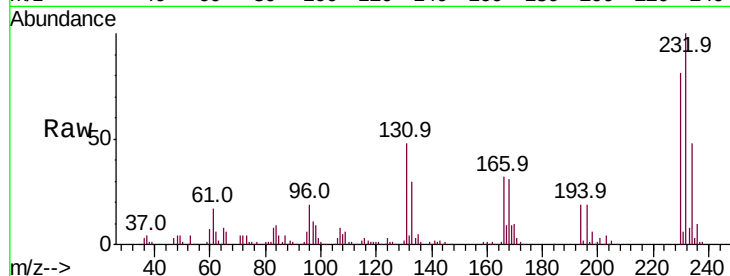




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.634 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	33.9	50.9
130	2.4	1.8	2.6
166	30.3	23.6	35.4



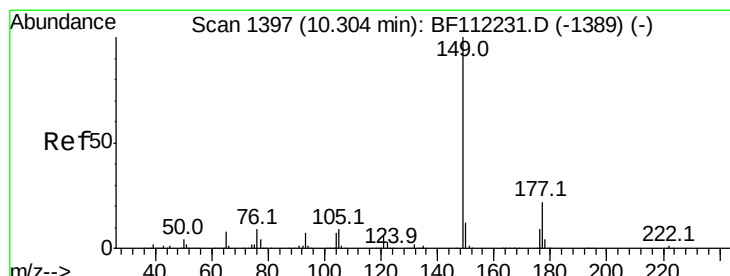
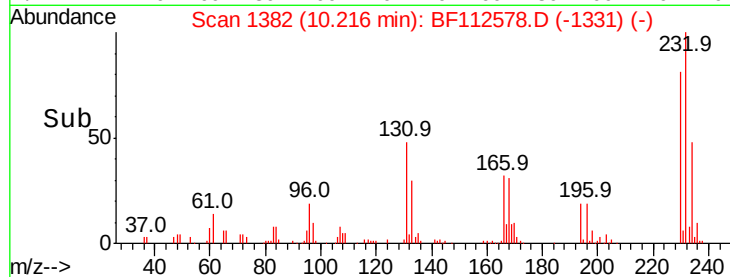
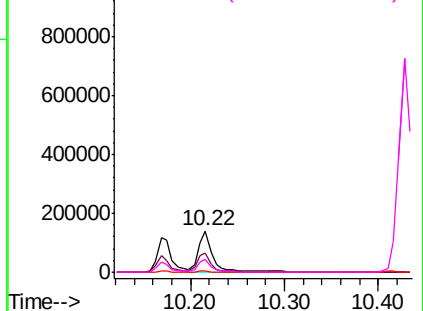
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

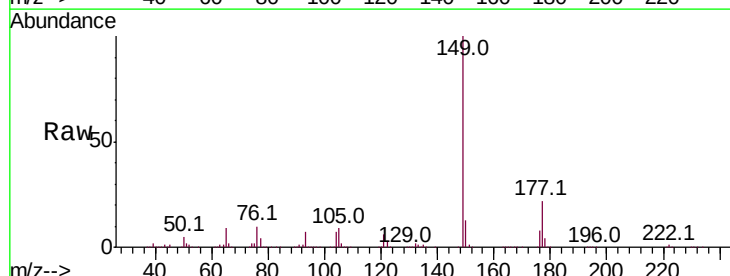
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.291 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.2	27.2
150	12.7	10.4	15.6

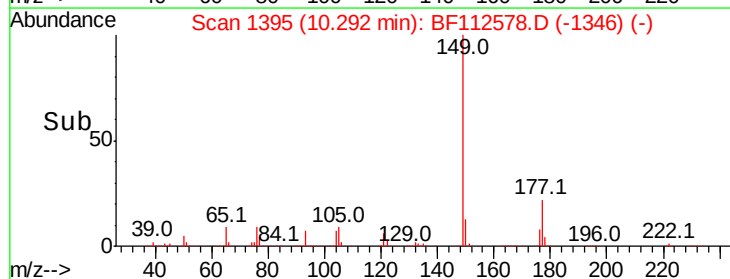
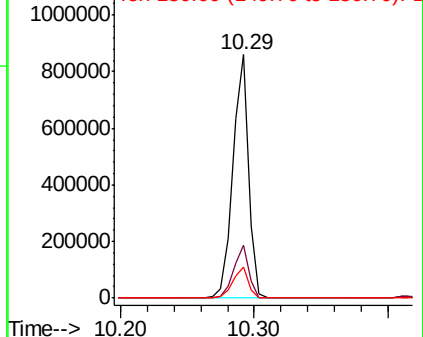


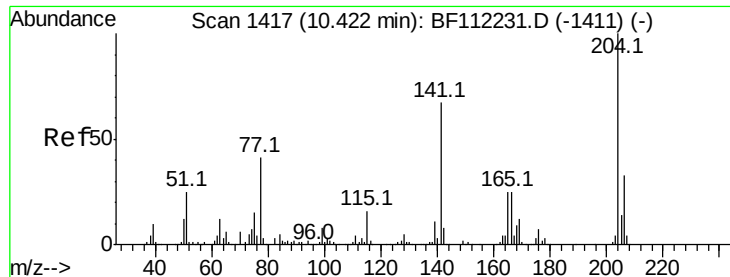
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

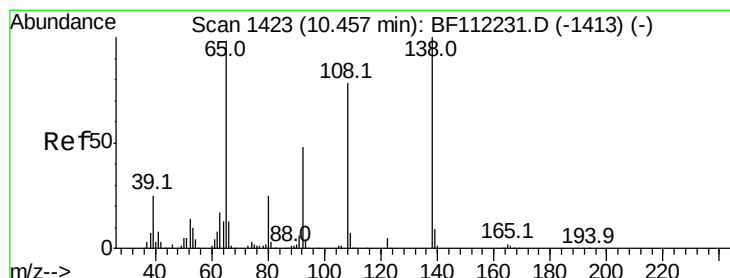
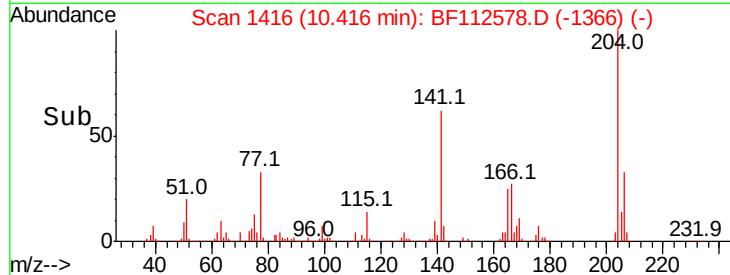
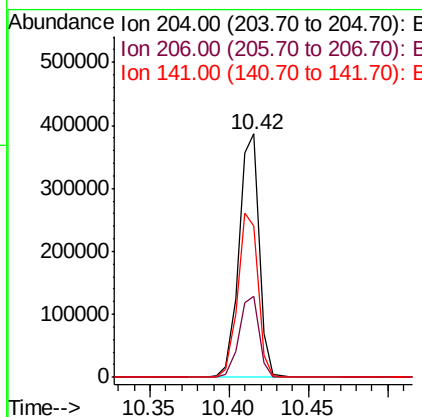
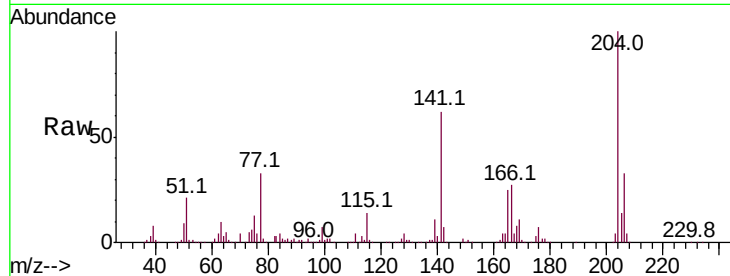




#61
 4-Chlorophenyl-phenylether
 Concen: 40.179 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

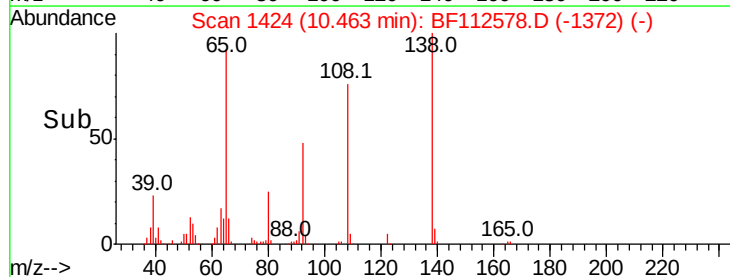
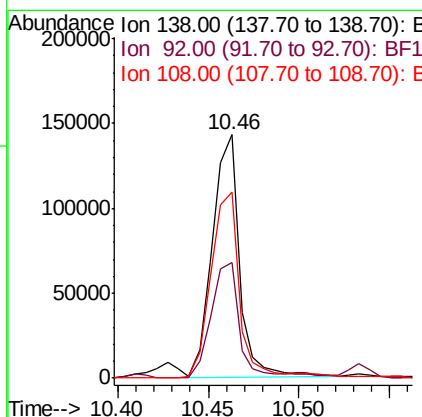
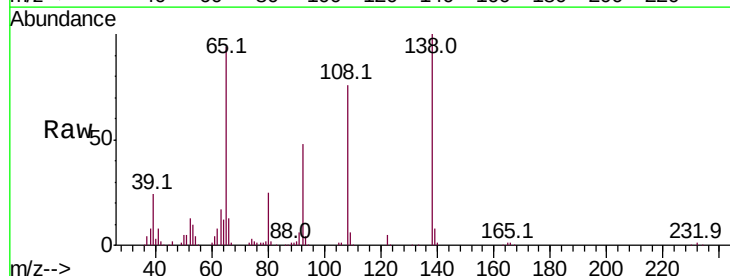
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

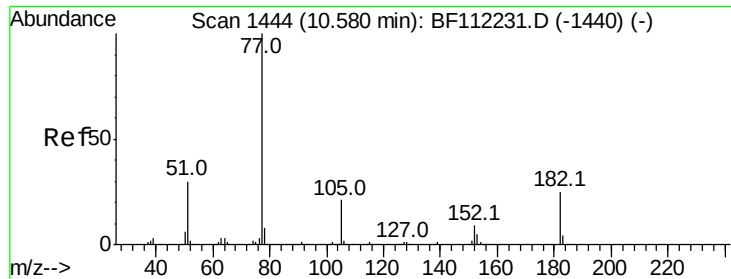
Tot Ion:	204	Resp:	340553
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	62.0	45.9	68.9



#62
 4-Nitroaniline
 Concen: 34.856 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion:	138	Resp:	147943
Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.6	70.6
108	76.4	50.0	90.0

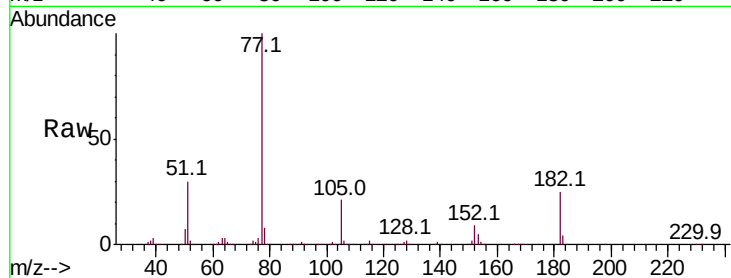




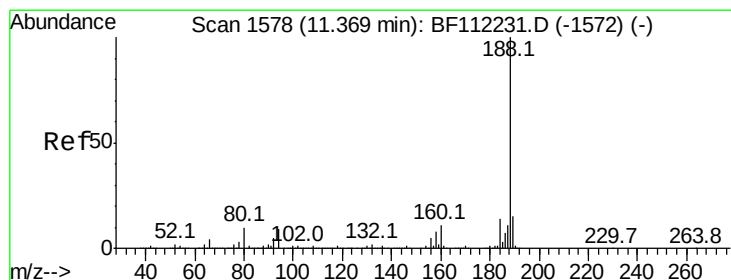
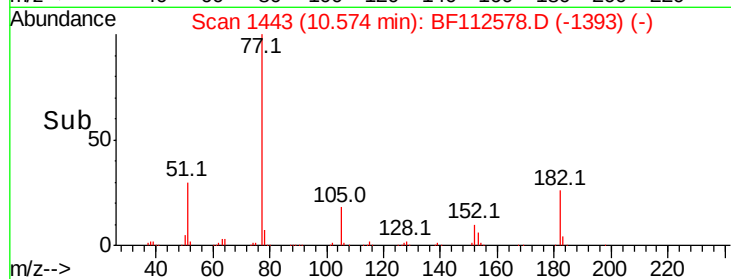
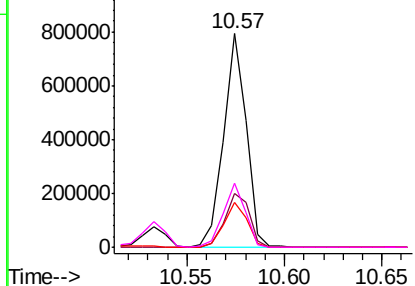
#63
Azobenzene
Concen: 40.820 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	635385
Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.7	45.7
105	20.8	1.4	41.4
51	30.1	9.5	49.5

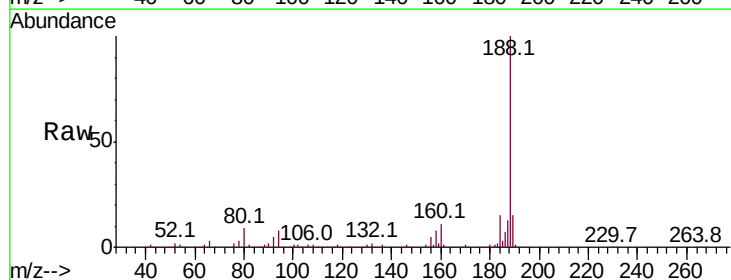


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

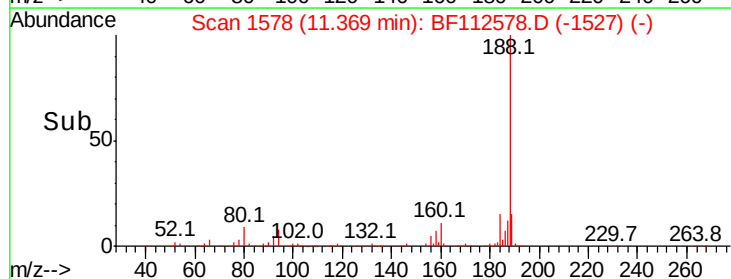
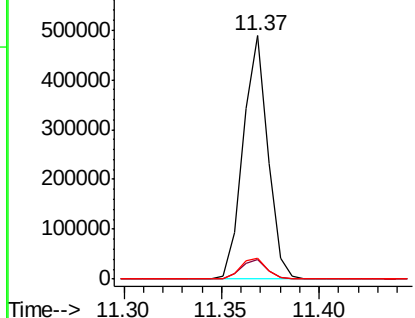


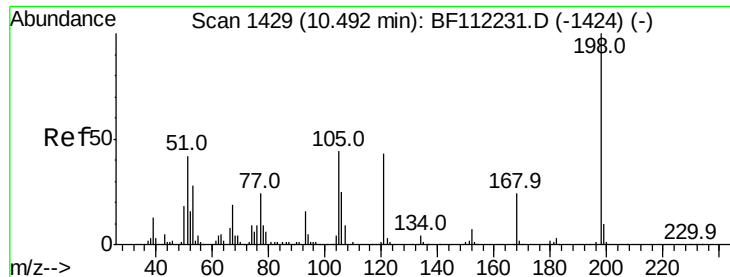
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:	188	Resp:	428896
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2#
80	8.7	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

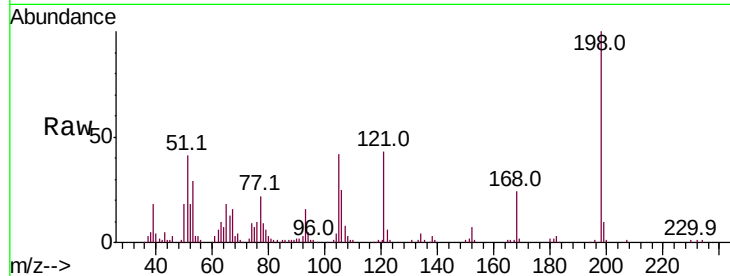




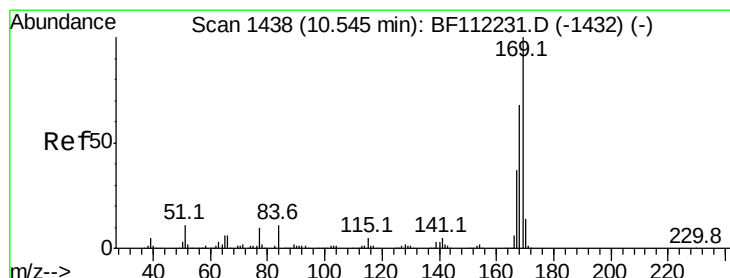
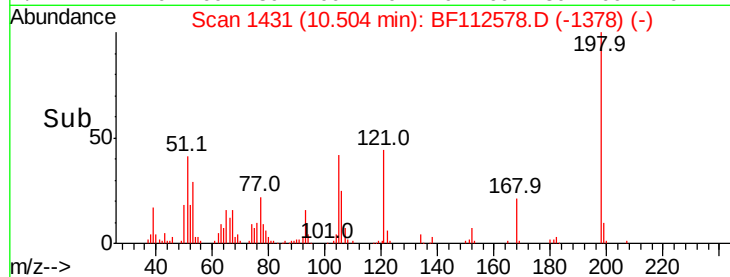
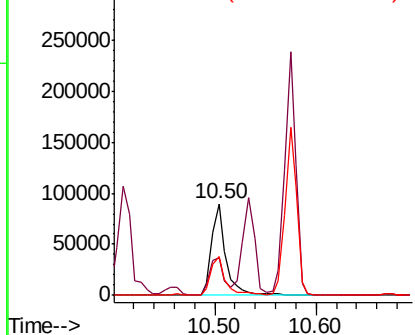
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.098 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 89208
 Ion Ratio Lower Upper
 198 100
 51 40.7 17.2 57.2
 105 42.0 21.9 61.9

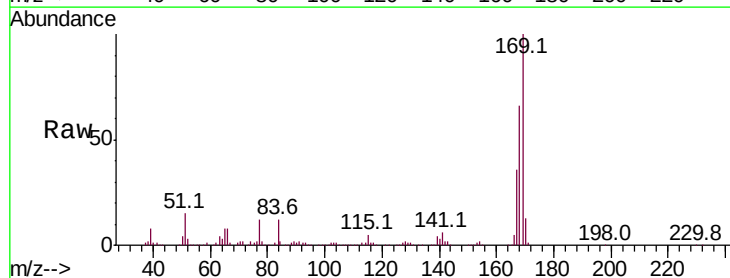


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

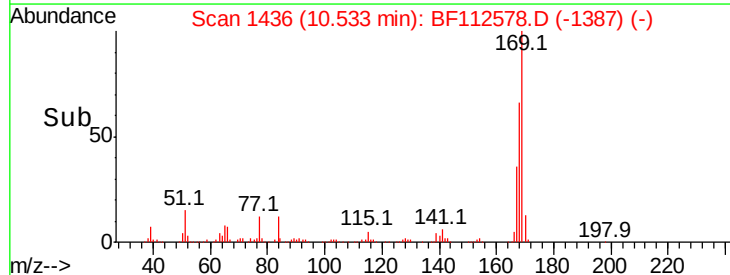
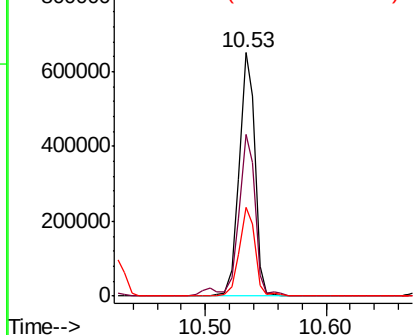


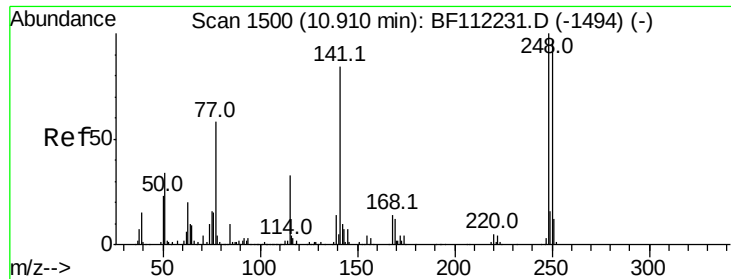
#66
 n-Nitrosodiphenylamine
 Concen: 41.042 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion:169 Resp: 593264
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 36.4 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

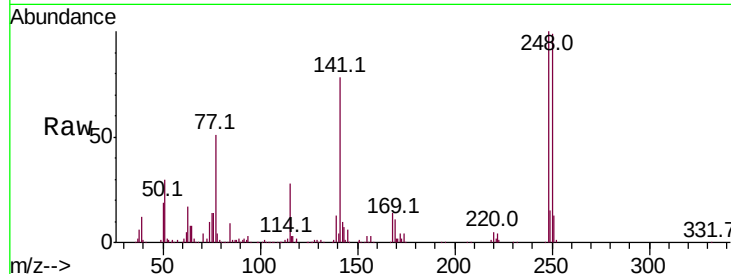




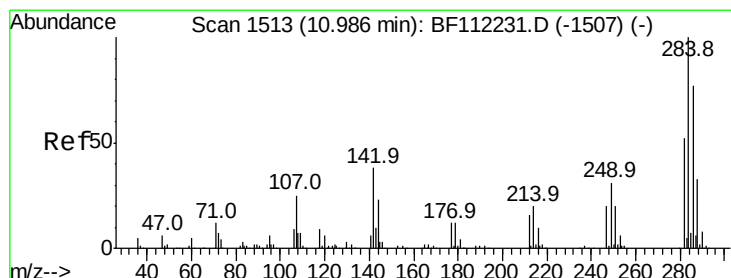
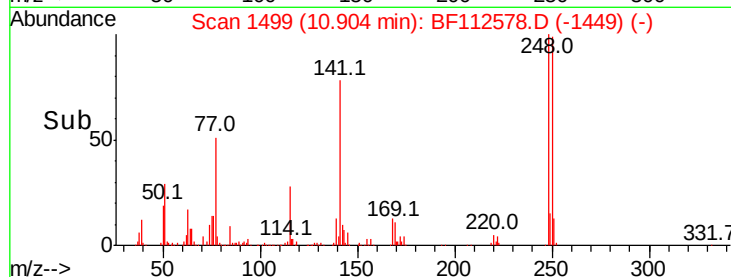
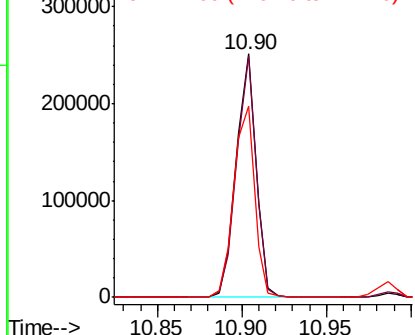
#67
4-Bromophenyl-phenylether
Concen: 40.831 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 205969
Ion Ratio Lower Upper
248 100
250 99.2 79.7 119.5
141 78.5 60.3 90.5

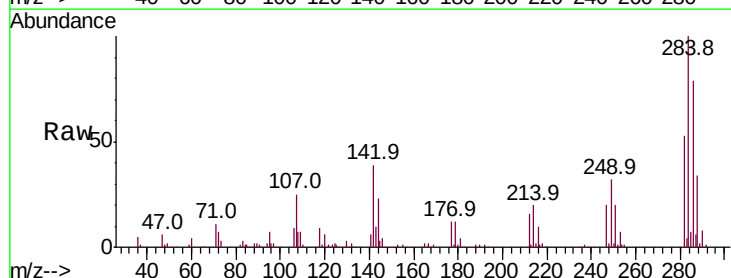


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

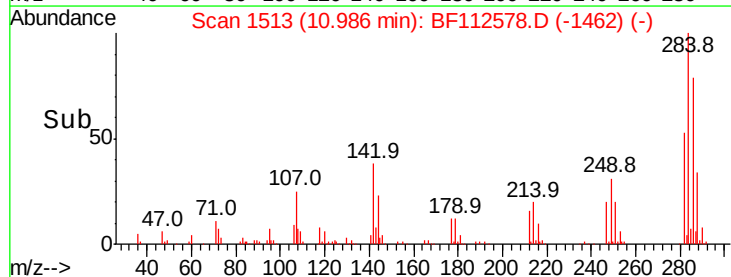
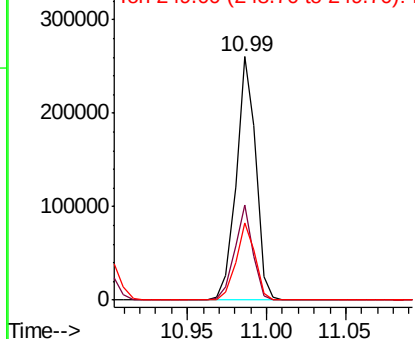


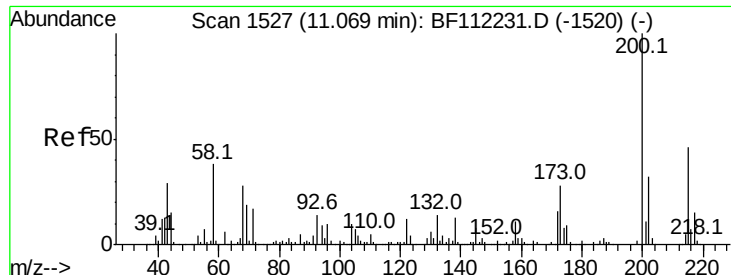
#68
Hexachlorobenzene
Concen: 41.038 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion:284 Resp: 222103
Ion Ratio Lower Upper
284 100
142 38.9 27.6 41.4
249 31.5 24.1 36.1



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

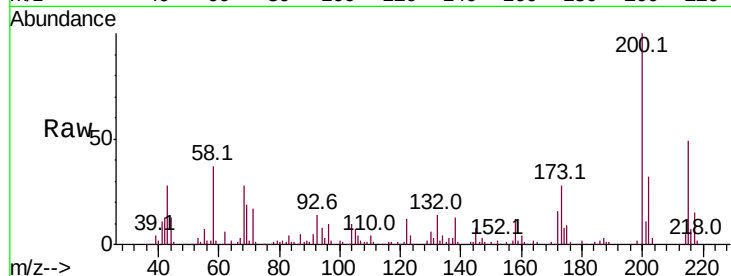




#69
Atrazine
Concen: 35.802 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.1	47.1
215	48.7	30.4	70.4

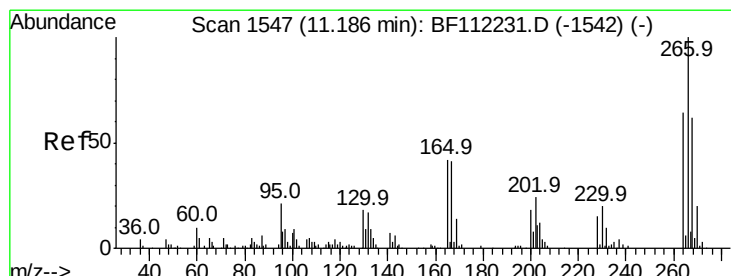
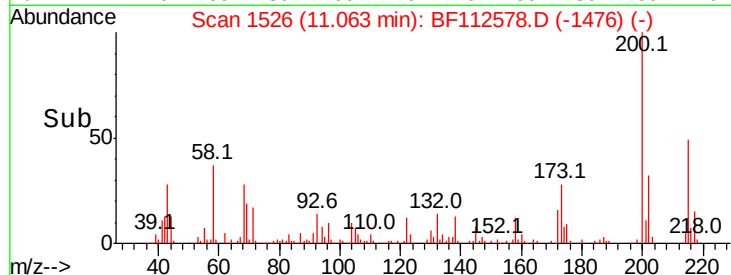
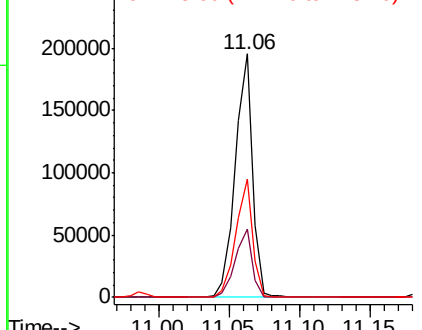


Abundance

Ion 200.00 (199.70 to 200.70): E

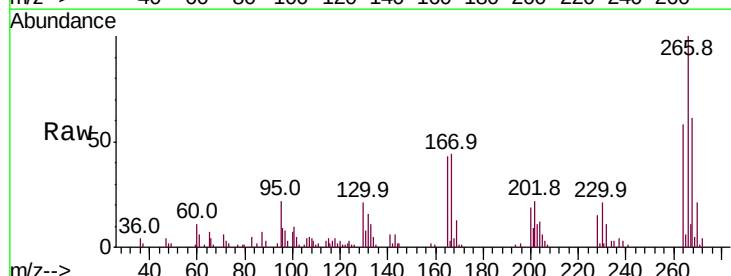
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 32.416 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.2	76.8
264	58.1	50.9	76.3

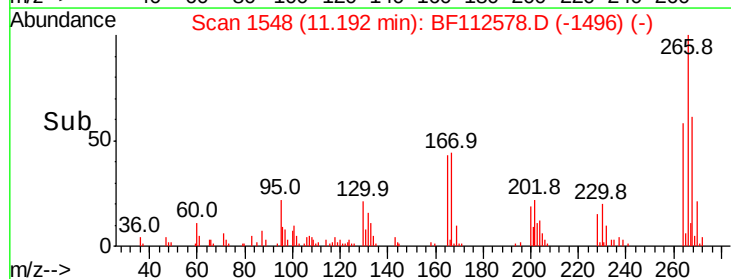
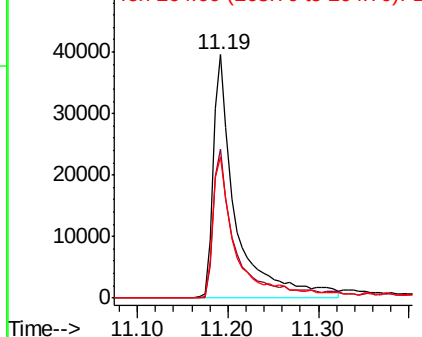


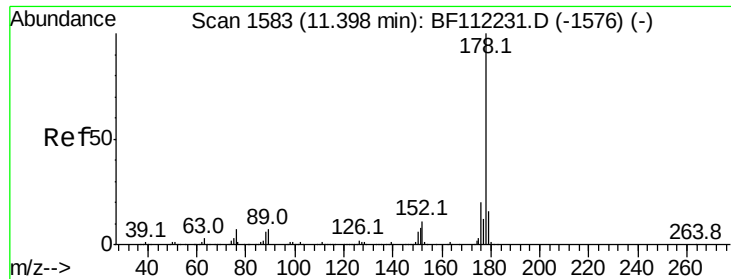
Abundance

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

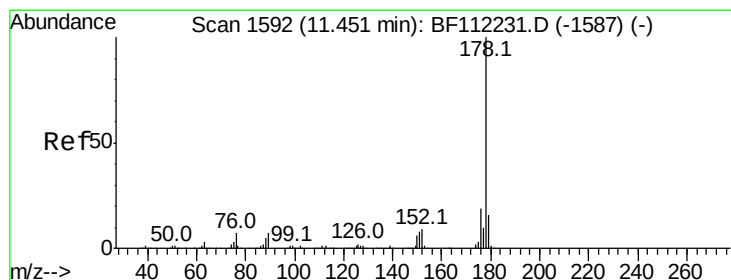
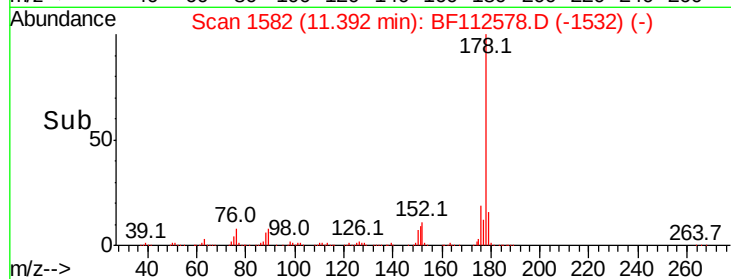
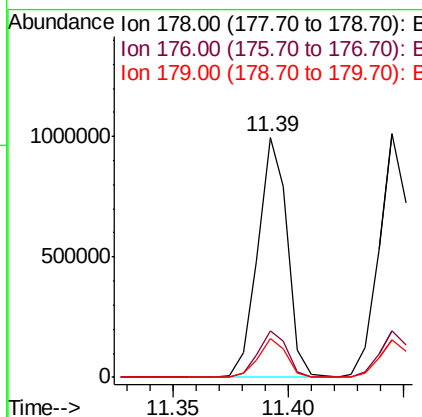
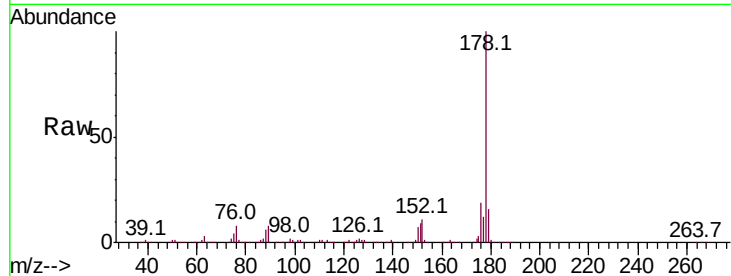




#71
Phenanthrene
Concen: 39.743 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

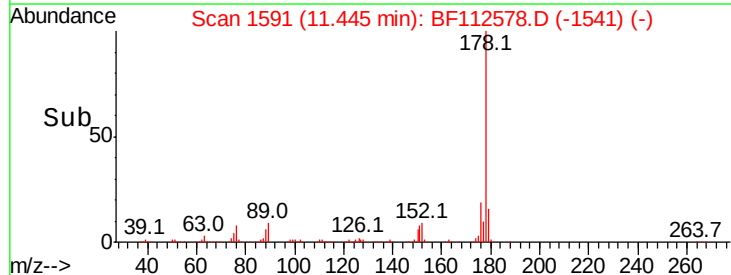
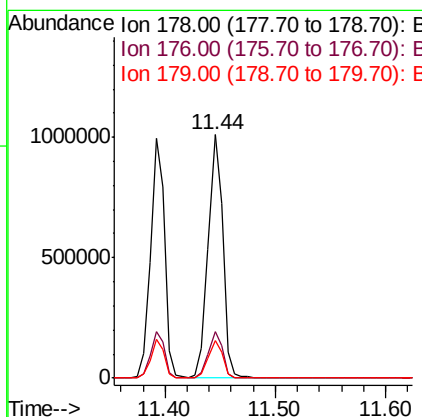
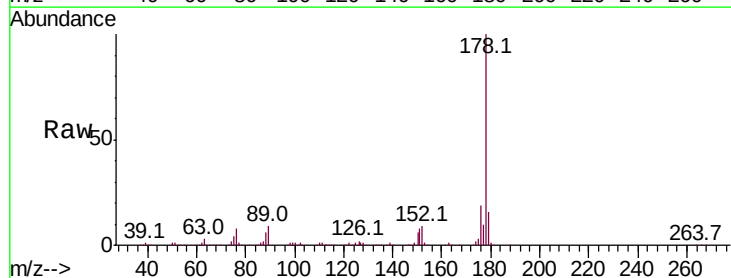
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

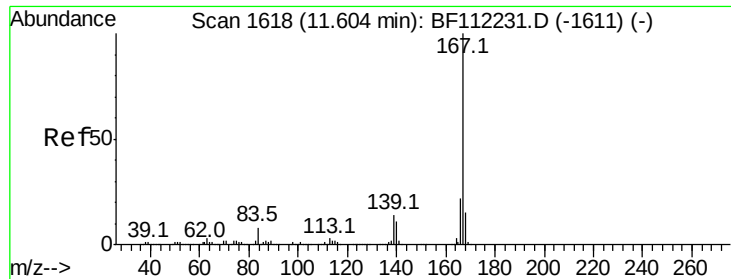
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.9	13.0	19.4



#72
Anthracene
Concen: 40.596 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.8	19.2

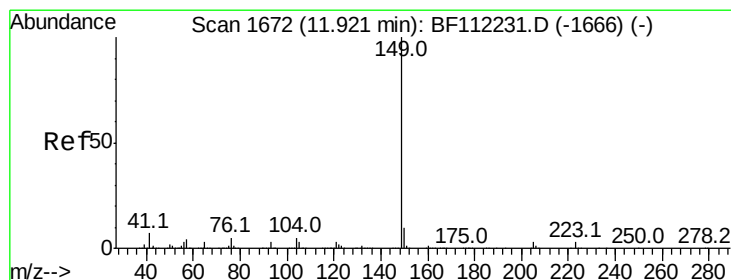
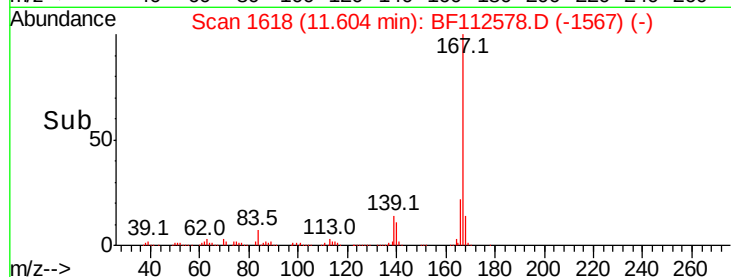
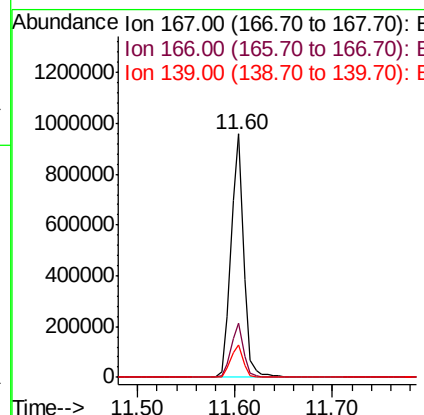
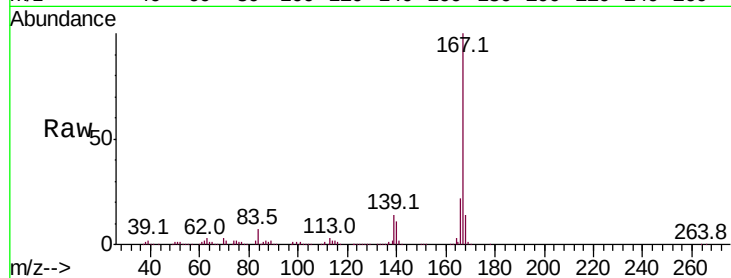




#73
 Carbazole
 Concen: 39.516 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

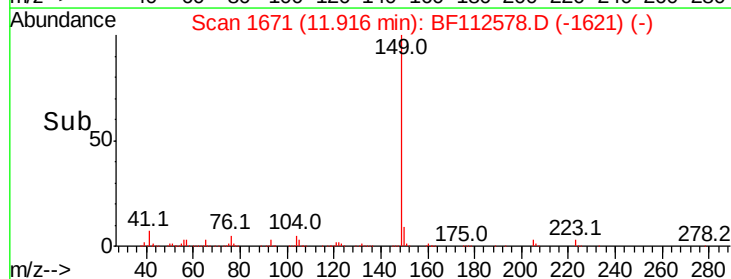
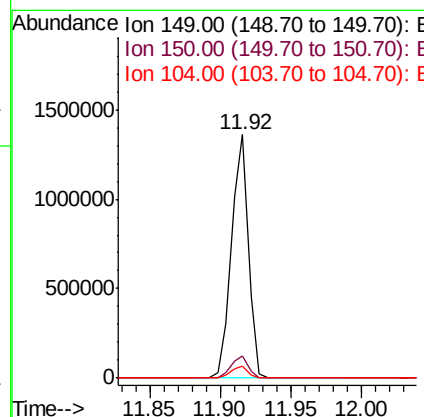
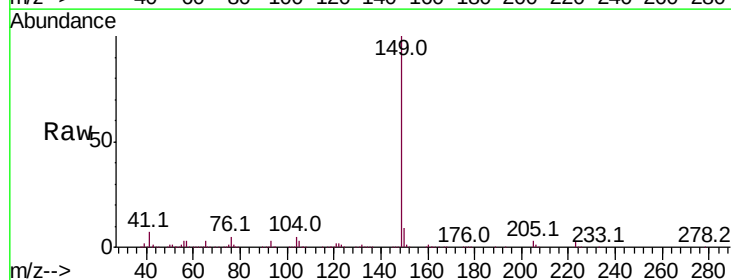
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

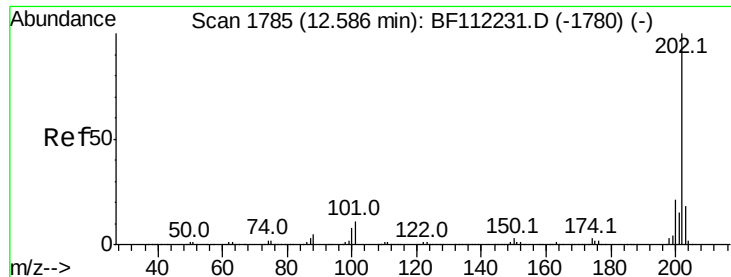
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.6	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.628 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.9	3.9	5.9

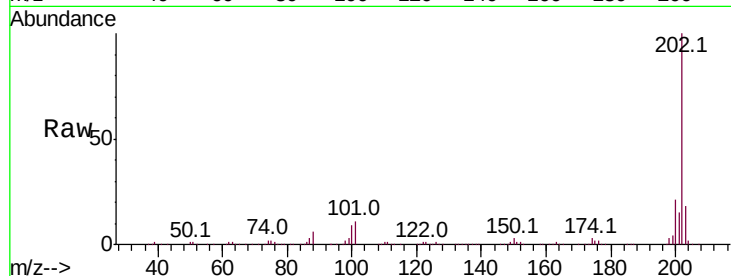




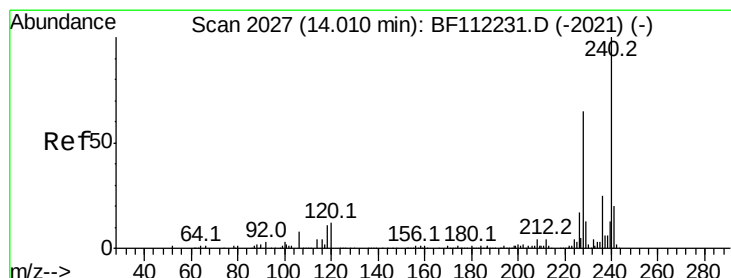
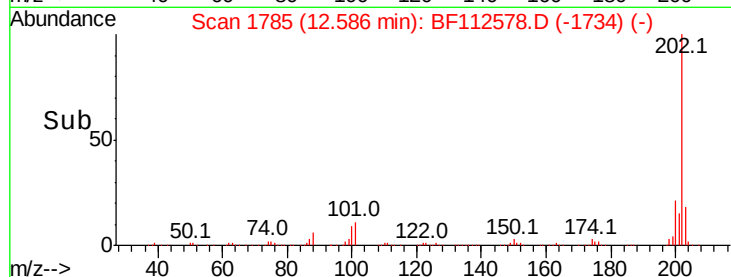
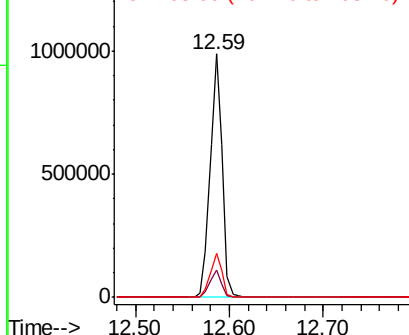
#75
 Fluoranthene
 Concen: 37.695 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	17.8	0.0	38.4

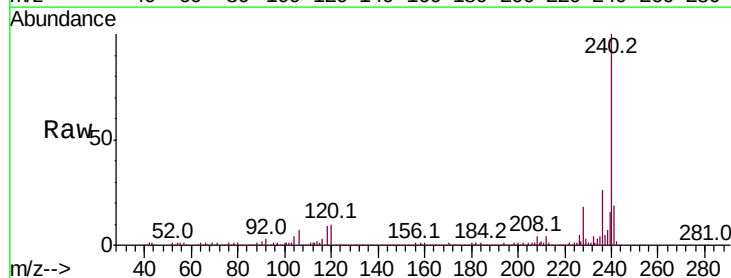


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

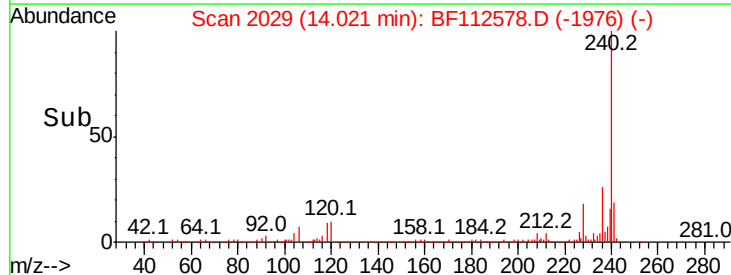
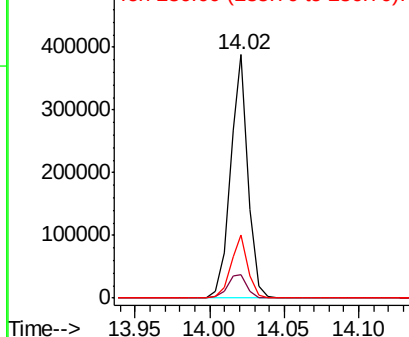


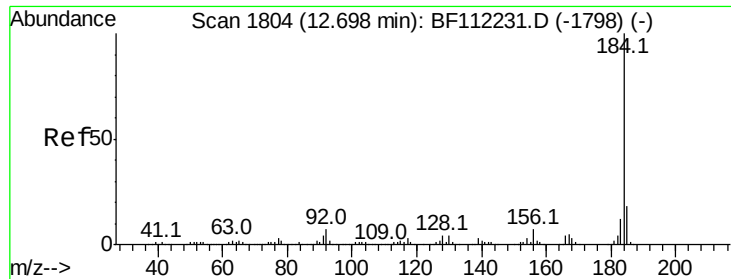
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF112578.D
 Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.8	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.292 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

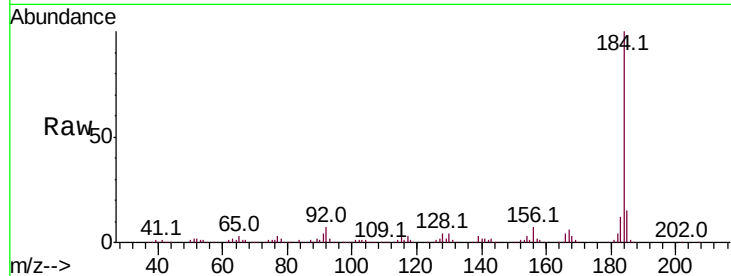
Tot Ion:184 Resp: 337207

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.9	20.9
183	11.9	10.0	15.0

184 100

185 15.0 13.9 20.9

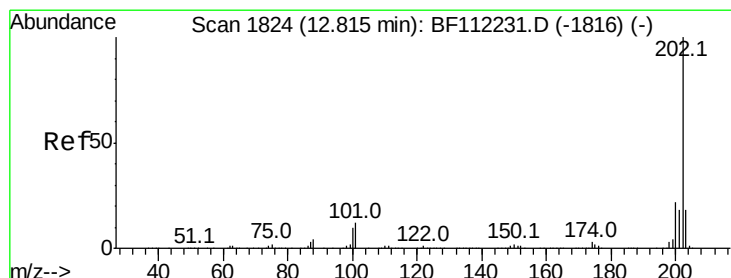
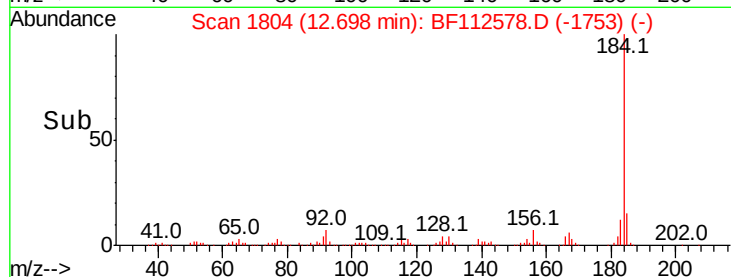
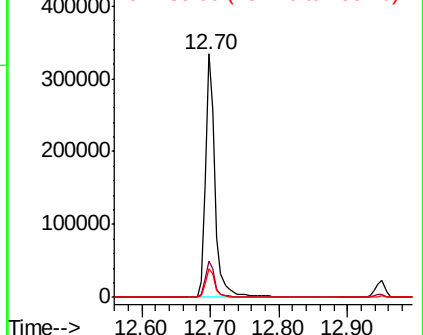
183 11.9 10.0 15.0



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: 41.466 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

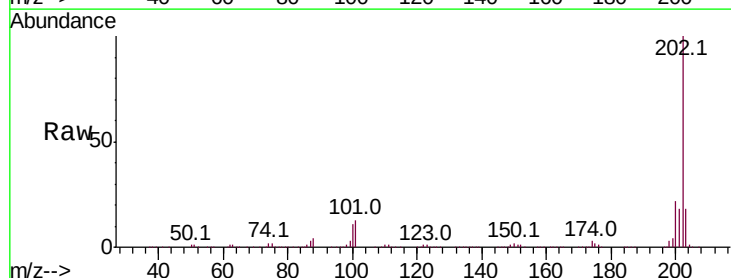
Tgt Ion:202 Resp: 918553

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.6	22.0

202 100

200 21.6 17.7 26.5

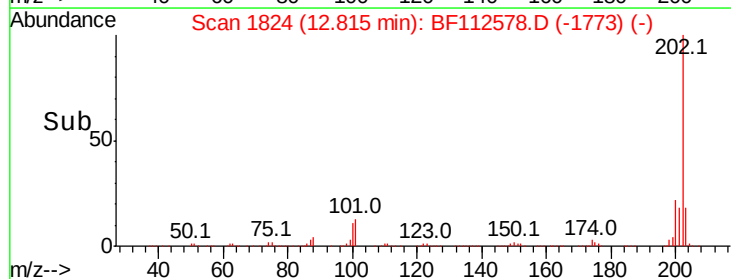
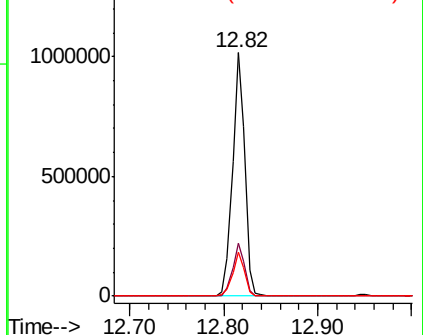
203 17.9 14.6 22.0

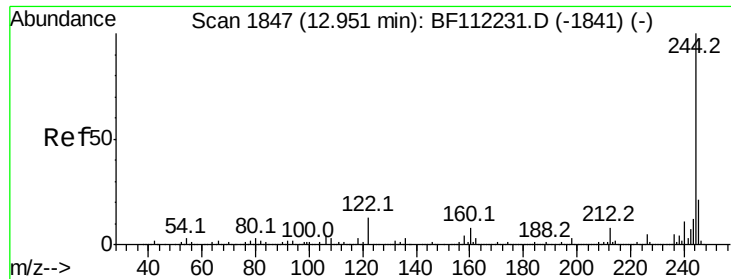


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.451 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

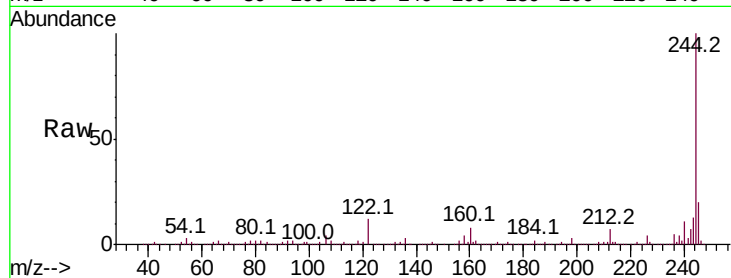
Tot Ion:244 Resp: 1417655

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

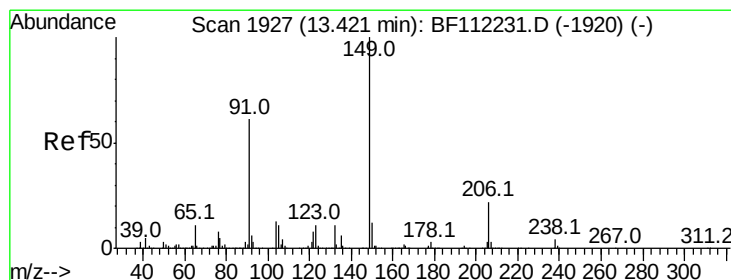
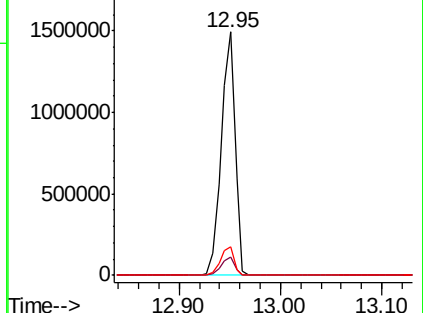
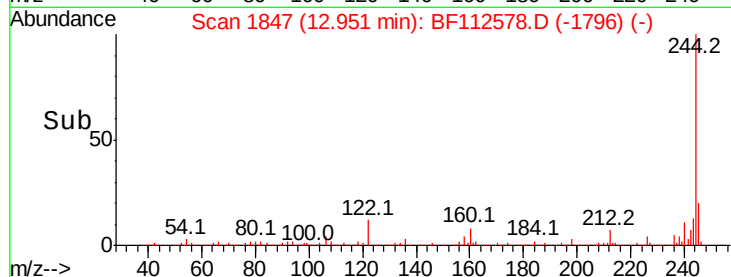
122 11.8 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.853 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

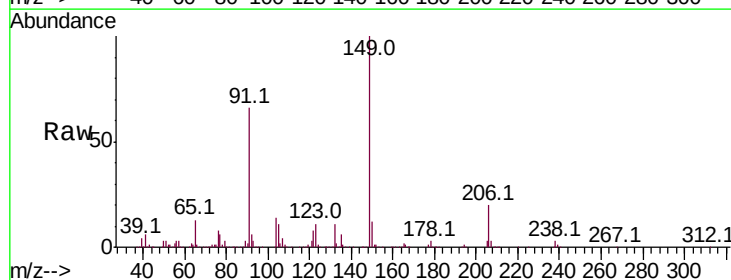
Tgt Ion:149 Resp: 459278

Ion Ratio Lower Upper

149 100

91 65.9 50.3 75.5

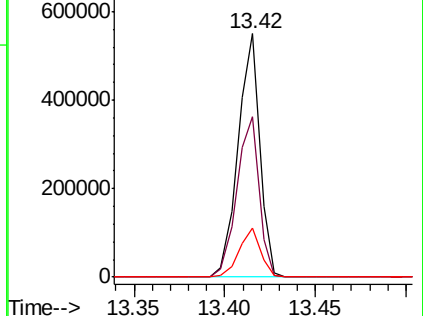
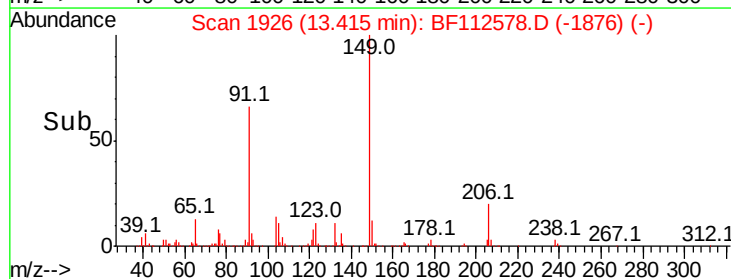
206 20.0 18.2 27.4

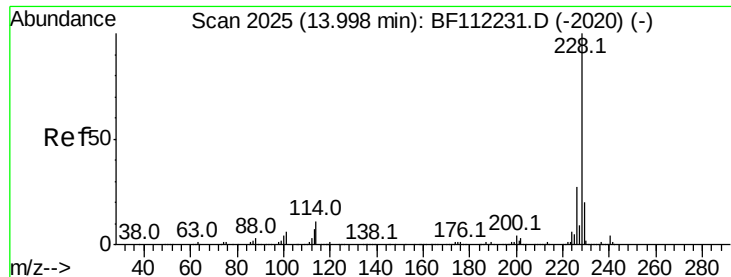


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.296 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

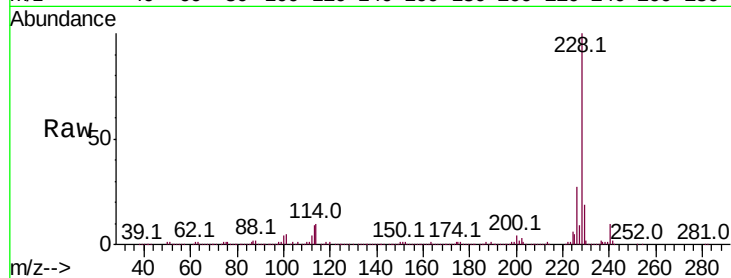
Tot Ion:228 Resp: 739101

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

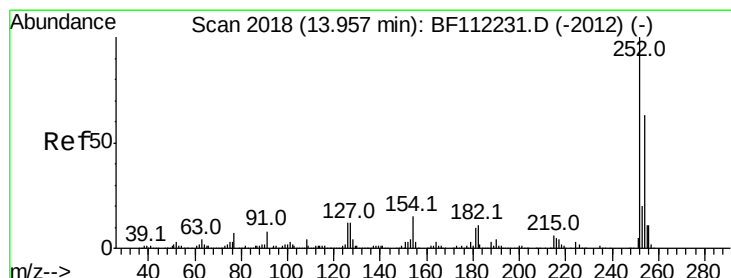
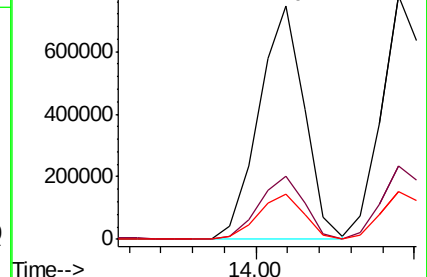
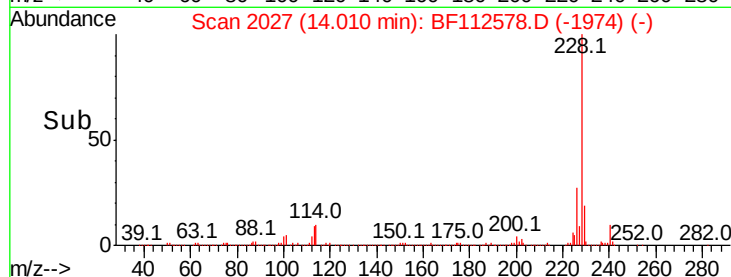
229 19.2 16.5 24.7



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



#82

3,3'-Dichlorobenzidine

Concen: 39.198 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

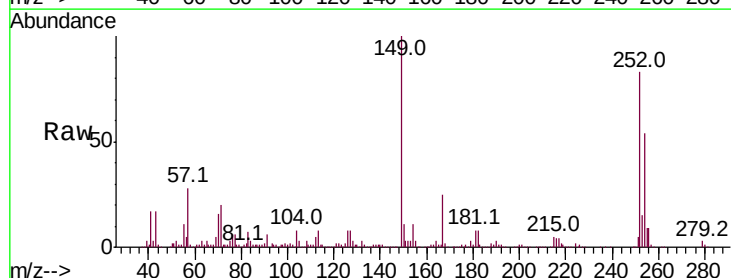
Tgt Ion:252 Resp: 275917

Ion Ratio Lower Upper

252 100

254 64.9 51.6 77.4

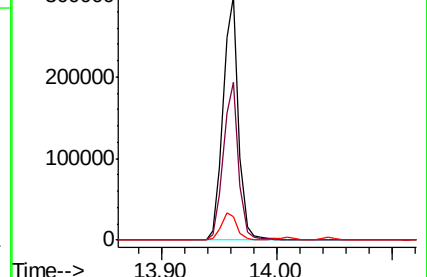
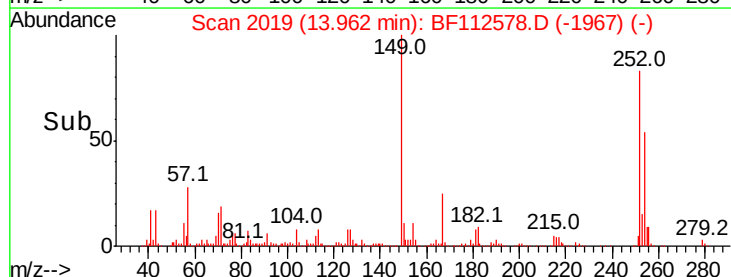
126 9.7 8.6 12.8

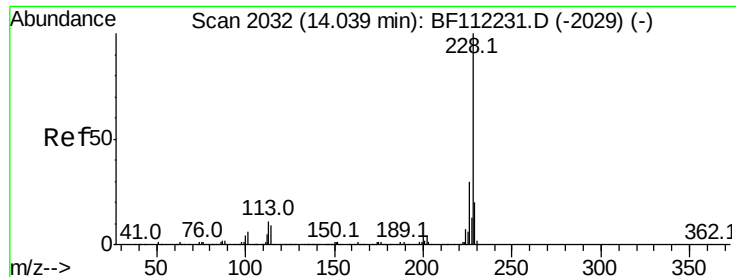


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.085 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

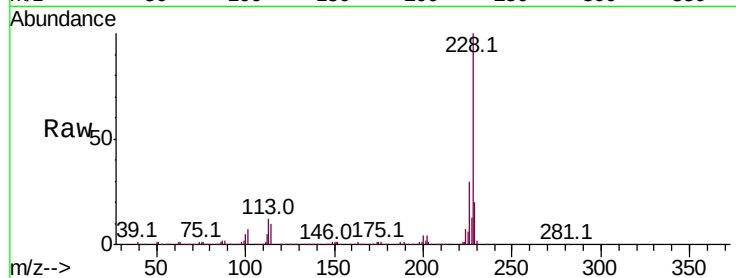
Tot Ion:228 Resp: 701733

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

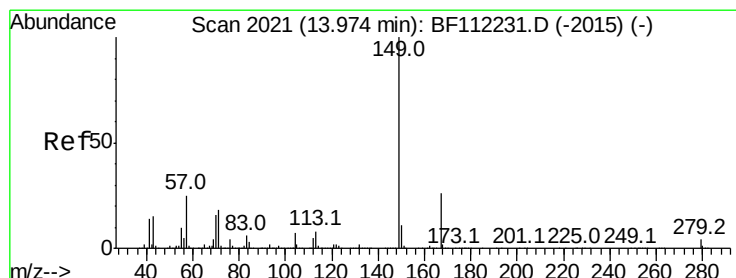
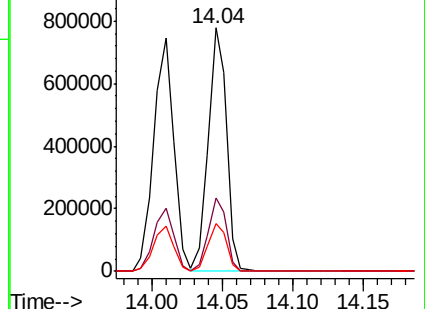
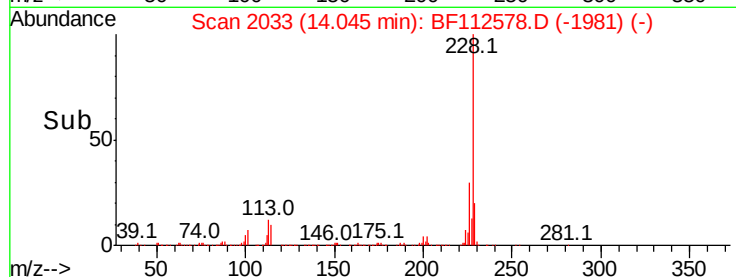
229 19.8 16.6 24.8



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: 42.194 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

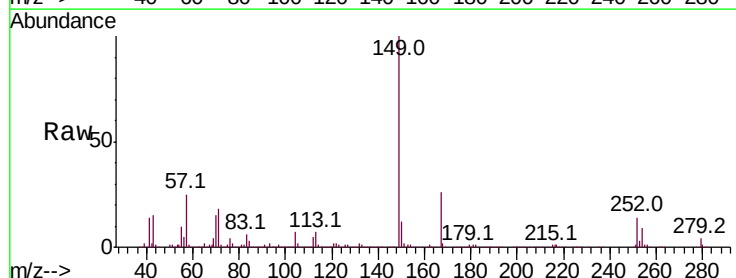
Tgt Ion:149 Resp: 641908

Ion Ratio Lower Upper

149 100

167 25.8 22.5 33.7

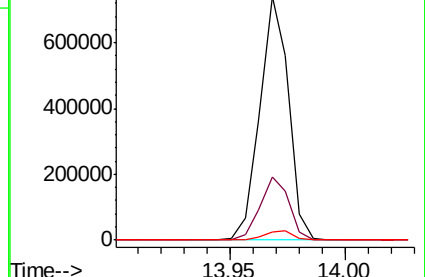
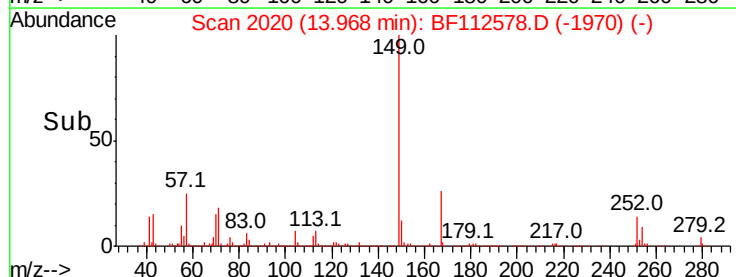
279 3.5 3.8 5.6#

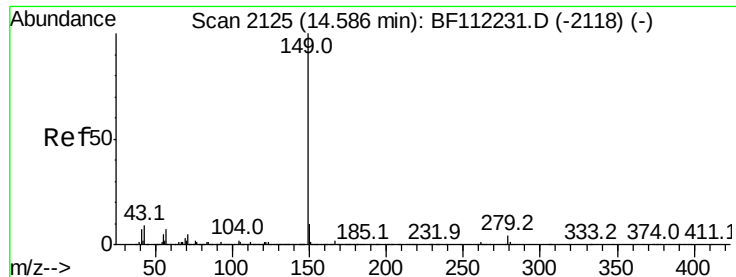


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.882 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

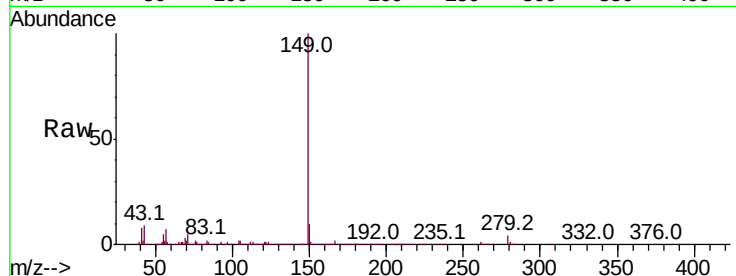
Tot Ion:149 Resp: 980292

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

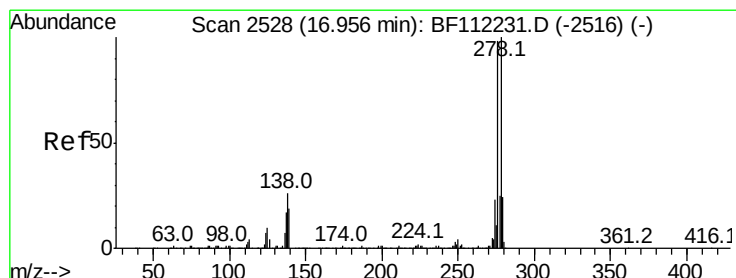
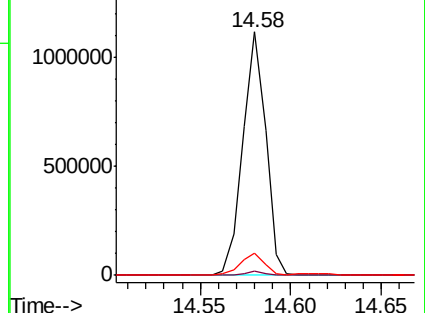
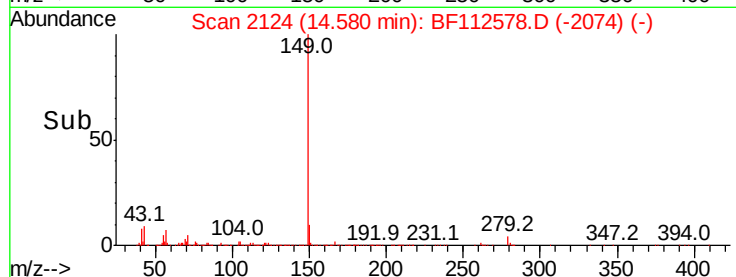
43 9.0 7.8 11.6



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: 35.228 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.05 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

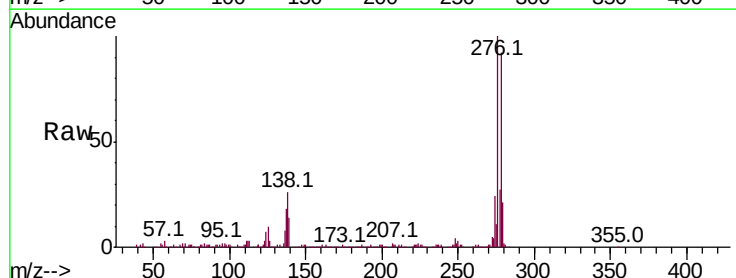
Tgt Ion:276 Resp: 501169

Ion Ratio Lower Upper

276 100

138 25.4 22.6 34.0

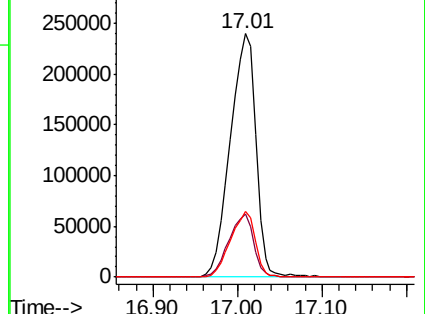
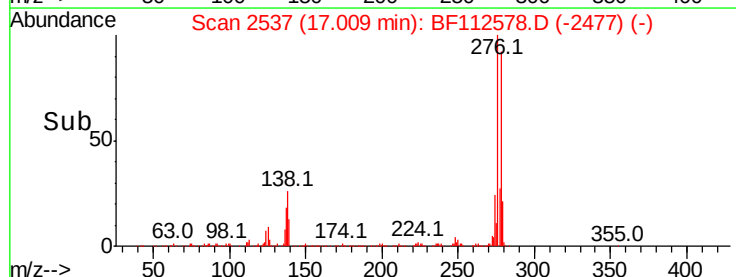
277 26.2 20.3 30.5

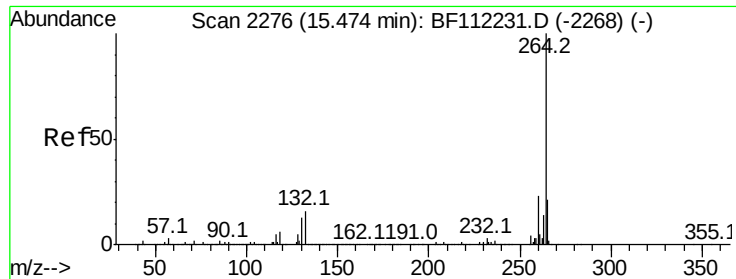


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

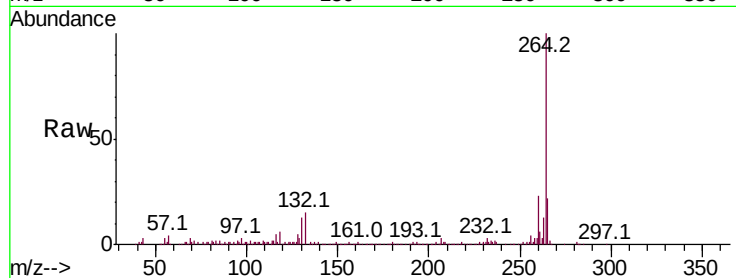
Tot Ion:264 Resp: 236241

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

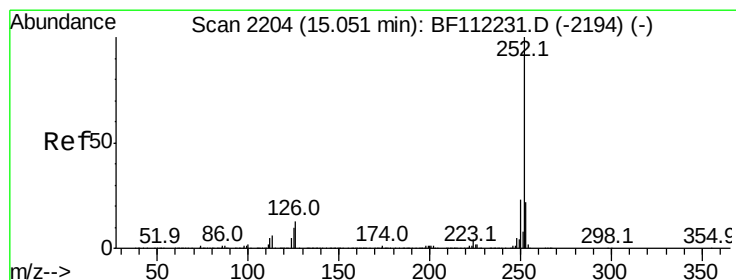
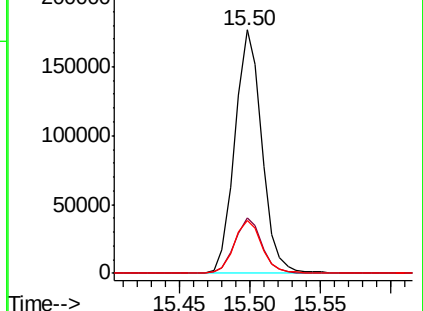
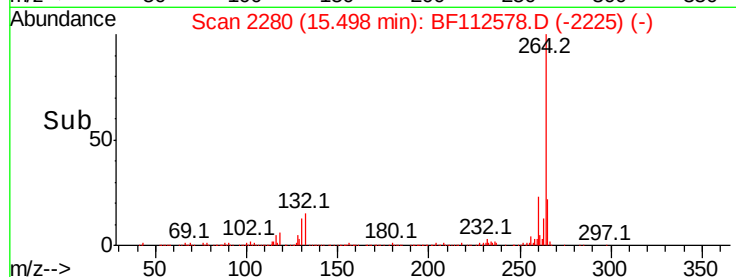
265 22.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.778 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

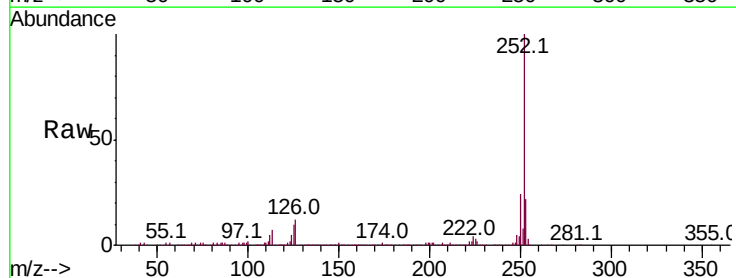
Tgt Ion:252 Resp: 576119

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

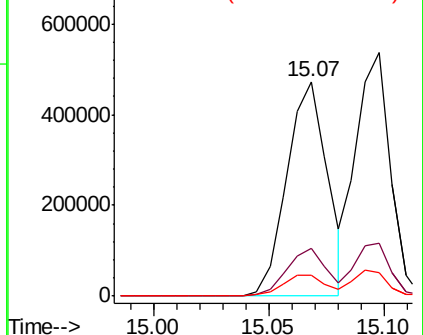
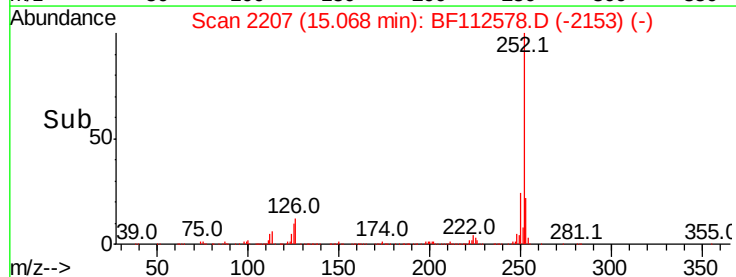
125 10.0 8.7 13.1

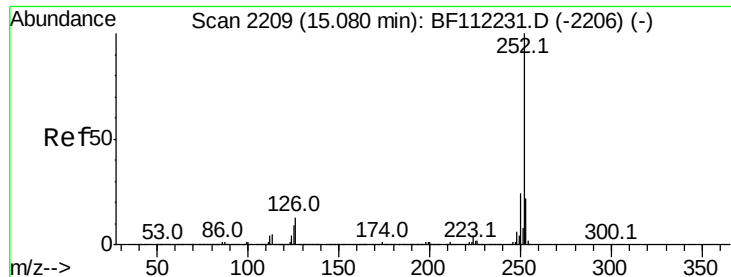


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

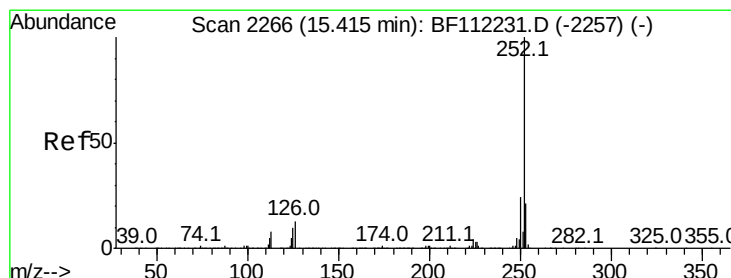
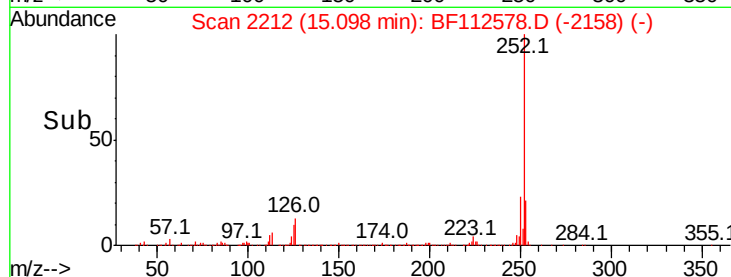
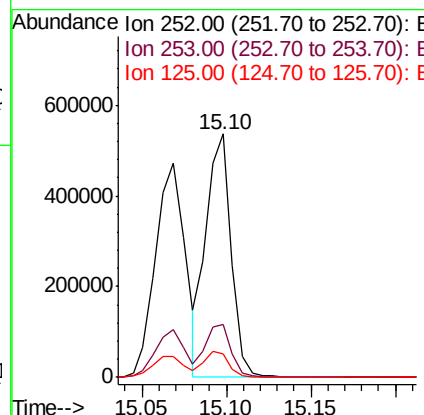
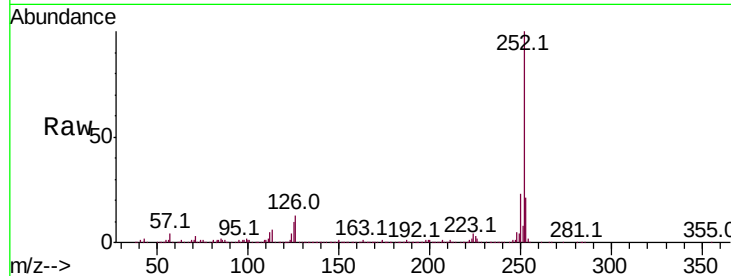




#89
Benzo(k)fluoranthene
Concen: 41.058 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

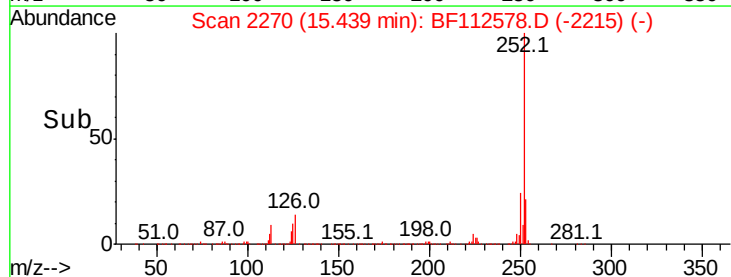
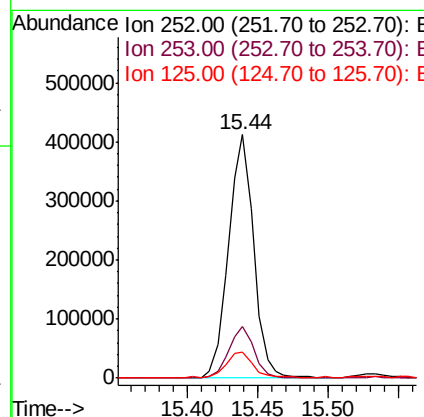
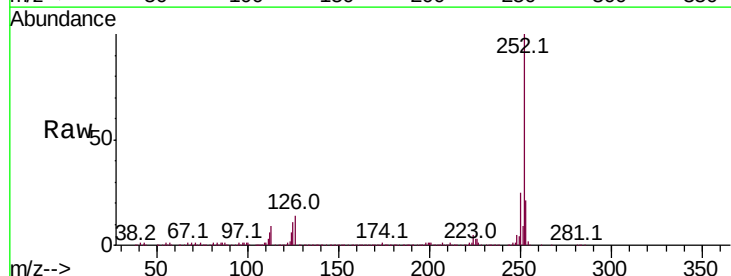
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

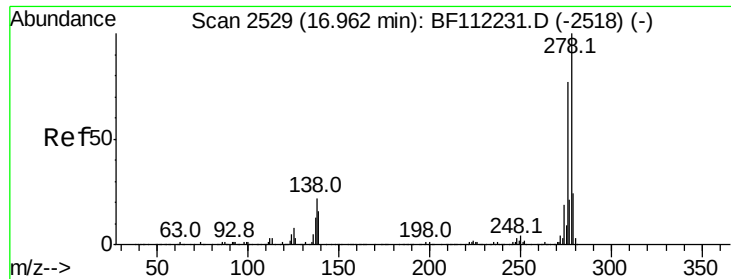
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	9.9	9.1	13.7



#90
Benzo(a)pyrene
Concen: 40.115 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112578.D
Acq: 15 Feb 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	10.8	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 41.585 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.05 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Instrument :

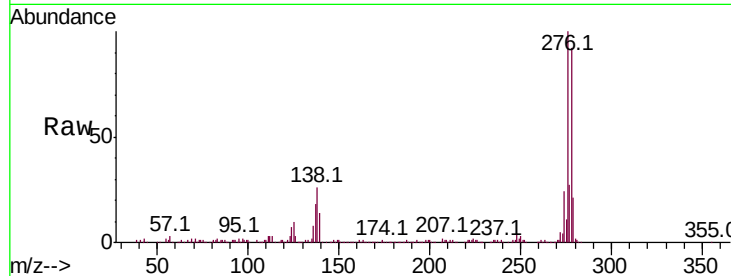
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 426059

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	22.9	19.0	28.6

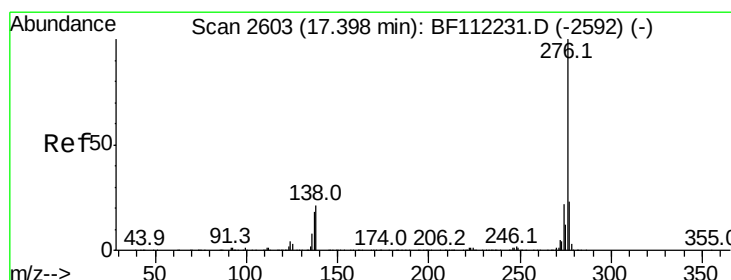
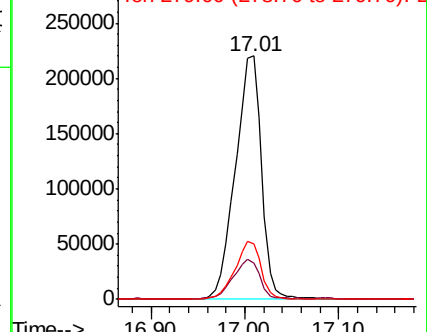
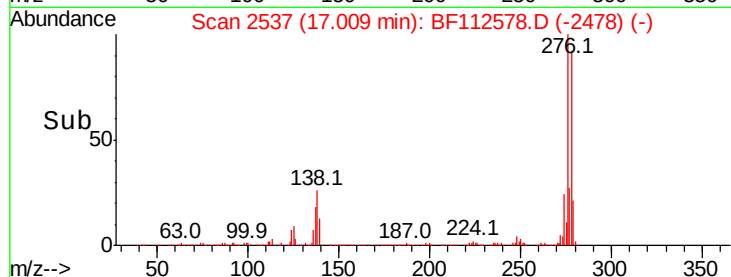


Abundance

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: 42.533 ng

RT: 17.46 min Scan# 2614

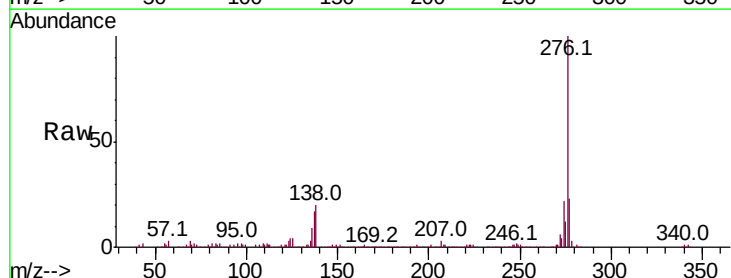
Delta R.T. 0.06 min

Lab File: BF112578.D

Acq: 15 Feb 2019 14:59

Tgt Ion:276 Resp: 411129

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	19.5	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

