

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112685.D
 Acq On : 25 Feb 2019 11:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 25 14:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	114240	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	447350	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	226013	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	441330	20.00	ng	0.00
76) Chrysene-d12	13.99	240	294527	20.00	ng	0.00
87) Perylene-d12	15.46	264	231650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	505540	94.00	ng	0.00
7) Phenol-d6	6.49	99	649852	86.95	ng	0.00
23) Nitrobenzene-d5	7.39	82	635274	81.82	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	226935	86.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1285672	80.45	ng	0.00
79) Terphenyl-d14	12.92	244	1411554	90.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	91656	42.780	ng	94
3) Pyridine	3.30	79	238234	43.712	ng	98
4) n-Nitrosodimethylamine	3.28	42	116257	50.773	ng	# 87
6) Aniline	6.49	93	380965	42.852	ng	# 89
8) 2-Chlorophenol	6.62	128	302584	41.821	ng	98
9) Benzaldehyde	6.37	77	152799	39.117	ng	96
10) Phenol	6.50	94	370305	45.163	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	269878	41.808	ng	96
12) 1,3-Dichlorobenzene	6.76	146	333691	39.601	ng	98
13) 1,4-Dichlorobenzene	6.83	146	344212	39.692	ng	97
14) 1,2-Dichlorobenzene	6.99	146	326995	40.274	ng	96
15) Benzyl Alcohol	6.97	79	262458	41.660	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	324341	39.133	ng	74
17) 2-Methylphenol	7.10	107	239114	41.690	ng	97
18) Hexachloroethane	7.32	117	126615	41.578	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	221780	43.036	ng	99
20) 3+4-Methylphenols	7.26	107	318273	43.394	ng	# 61
22) Acetophenone	7.23	105	447486	41.080	ng	93
24) Nitrobenzene	7.41	77	314789	40.598	ng	97
25) Isophorone	7.65	82	510932	41.949	ng	98
26) 2-Nitrophenol	7.72	139	172555	41.642	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	233196	40.846	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	337880	40.741	ng	97
29) 2,4-Dichlorophenol	7.98	162	258224	40.418	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	287506	39.149	ng	99
31) Naphthalene	8.12	128	837131	40.016	ng	98
32) Benzoic acid	7.95	122	151812	46.617	ng	98
33) 4-Chloroaniline	8.18	127	364990	40.069	ng	97
34) Hexachlorobutadiene	8.23	225	169661	39.369	ng	99
35) Caprolactam	8.57	113	60446	26.819	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	287335	42.484	ng	92
37) 2-Methylnaphthalene	8.82	142	574823	40.137	ng	97
38) 1-Methylnaphthalene	8.91	142	554701	40.410	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	292753	39.450	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	85391	36.259	ng	95
43) 2,4,6-Trichlorophenol	9.11	196	178647	39.055	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	176186	36.854	ng	# 91
46) 1,1'-Biphenyl	9.27	154	803520	40.666	ng	98
47) 2-Chloronaphthalene	9.30	162	611059	39.880	ng	93
48) 2-Nitroaniline	9.42	65	178873	42.831	ng	92
49) Acenaphthylene	9.72	152	887097	39.500	ng	99
50) Dimethylphthalate	9.58	163	698208	39.761	ng	99
51) 2,6-Dinitrotoluene	9.65	165	160620	40.841	ng	# 63
52) Acenaphthene	9.89	154	547245	40.791	ng	98
53) 3-Nitroaniline	9.83	138	175019	41.078	ng	94
54) 2,4-Dinitrophenol	9.96	184	49415	39.152	ng	92
55) Dibenzofuran	10.06	168	830623	40.515	ng	92
56) 4-Nitrophenol	10.03	139	92307	40.978	ng	91
57) 2,4-Dinitrotoluene	10.07	165	211729	42.289	ng	# 83
58) Fluorene	10.40	166	642528	41.881	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149176	41.291	ng	# 91
60) Diethylphthalate	10.27	149	736024	42.236	ng	96
61) 4-Chlorophenyl-phenylether	10.39	204	343912	41.209	ng	95
62) 4-Nitroaniline	10.46	138	160318	38.362	ng	88
63) Azobenzene	10.55	77	665462	43.420	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	91564	37.005	ng	88
66) n-Nitrosodiphenylamine	10.52	169	604651	40.651	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	207562	39.987	ng	98
68) Hexachlorobenzene	10.96	284	227318	40.819	ng	99
69) Atrazine	11.04	200	157928	32.906	ng	94
70) Pentachlorophenol	11.17	266	87588	40.421	ng	98
71) Phenanthrene	11.37	178	914504	39.858	ng	98
72) Anthracene	11.42	178	924111	40.433	ng	99
73) Carbazole	11.58	167	912223	40.463	ng	99
74) Di-n-butylphthalate	11.89	149	1134702	40.549	ng	98
75) Fluoranthene	12.56	202	915680	37.209	ng	99
77) Benzidine	12.67	184	345346	42.602	ng	97
78) Pyrene	12.79	202	930499	45.632	ng	98
80) Butylbenzylphthalate	13.38	149	425882	43.168	ng	92
81) Benzo(a)anthracene	13.97	228	687935	39.733	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	251555	38.822	ng	98
83) Chrysene	14.02	228	661554	40.029	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	544810	38.903	ng	# 96
85) Di-n-octyl phthalate	14.54	149	784146	36.394	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	570639	43.575	ng	96
88) Benzo(b)fluoranthene	15.03	252	520969	37.605	ng	99
89) Benzo(k)fluoranthene	15.06	252	544503	41.033	ng	98
90) Benzo(a)pyrene	15.40	252	495640	39.761	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	482205	47.997	ng	98
92) Benzo(g,h,i)perylene	17.40	276	474060	50.015	ng	96

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

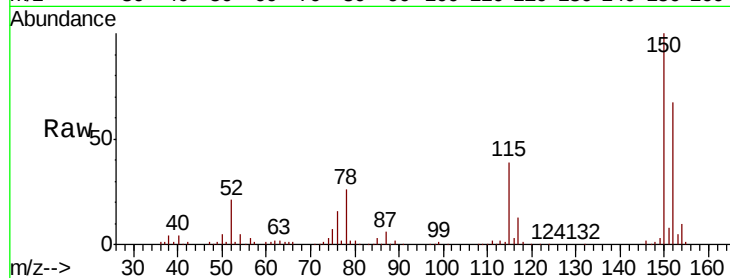


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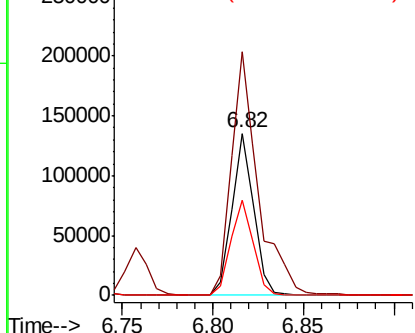
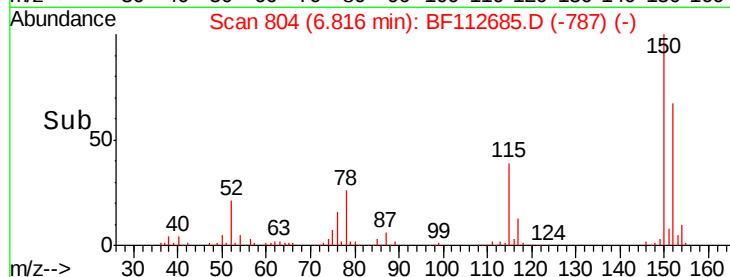
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

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ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 114240
Ion Ratio Lower Upper
152 100
150 150.1 127.4 191.0
115 58.4 45.5 68.3



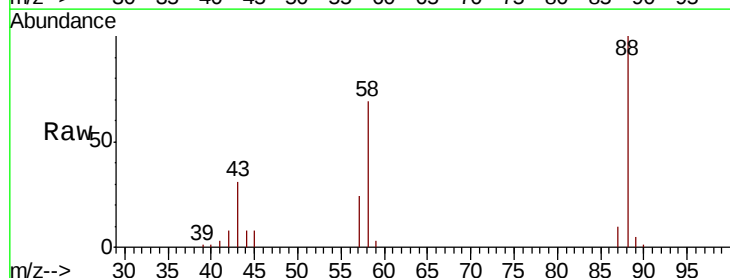
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



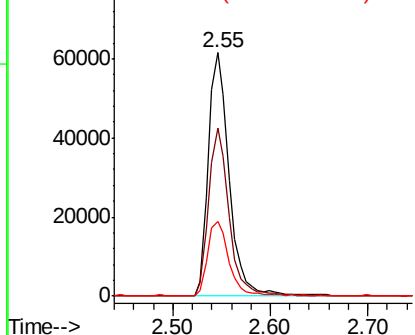
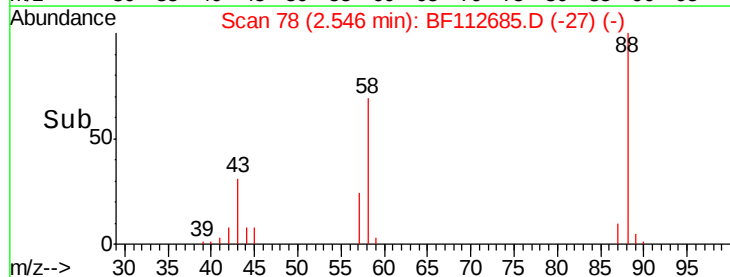
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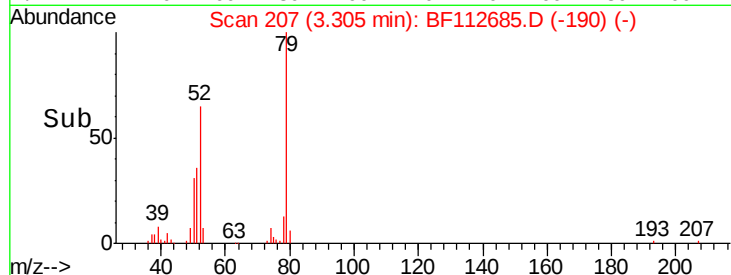
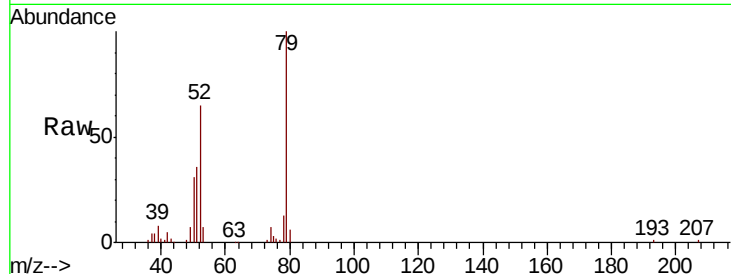
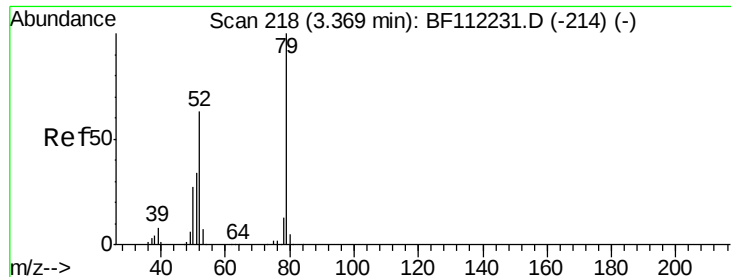
1,4-Dioxane
Concen: 42.780 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 88 Resp: 91656
Ion Ratio Lower Upper
88 100
58 67.4 57.4 86.2
43 31.4 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

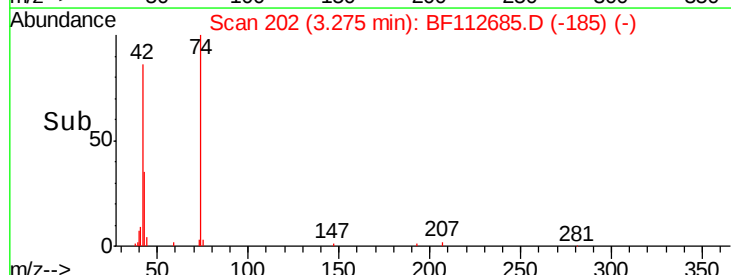
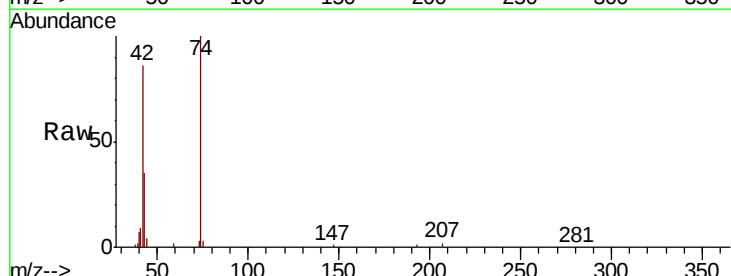
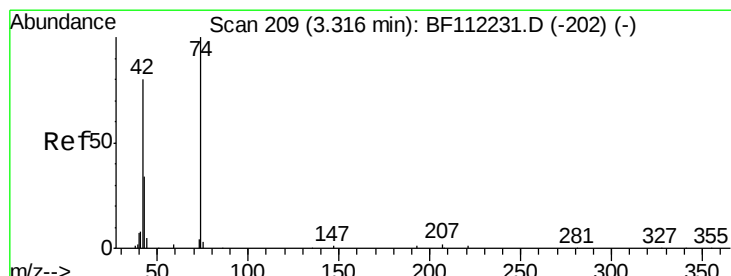
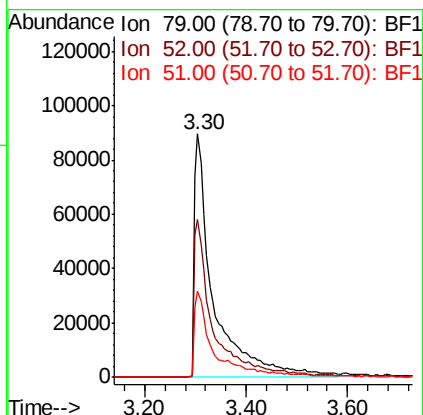




#3
 Pvridine
 Concen: 43.712 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

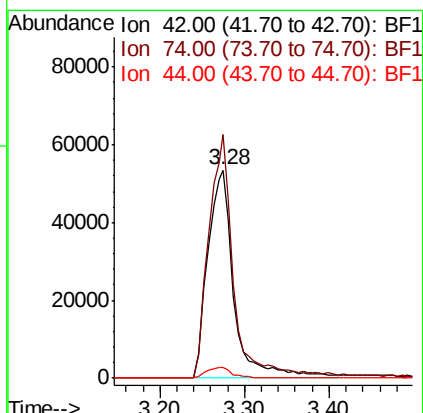
Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.4	78.6
51	35.6	26.1	39.1

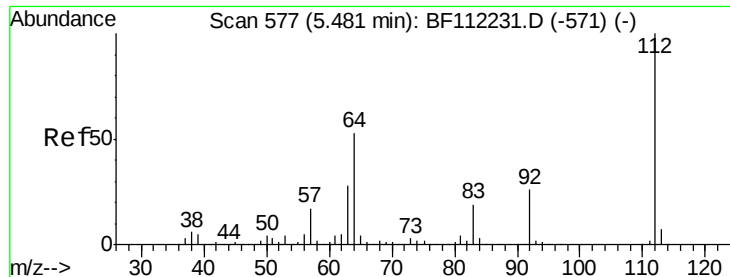
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



#4
 n-Nitrosodimethylamine
 Concen: 50.773 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.8	105.6	158.4
44	5.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 93.995 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

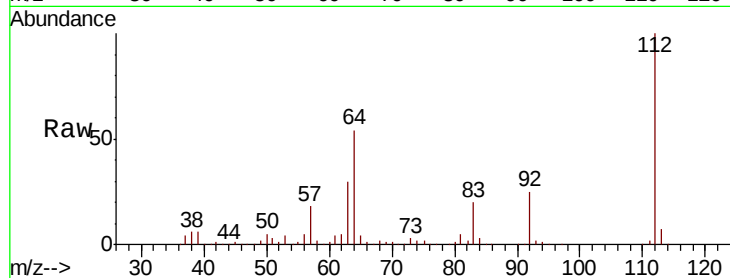
Tot Ion:112 Resp: 505540

Ion Ratio Lower Upper

112 100

64 53.7 45.7 68.5

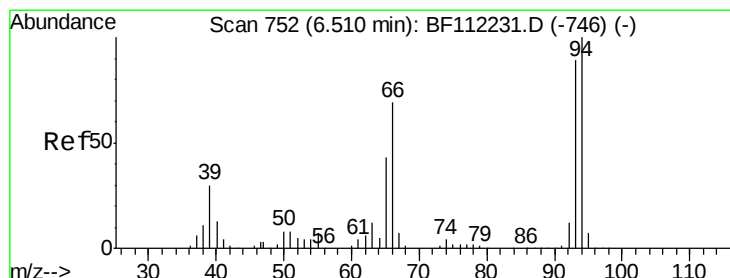
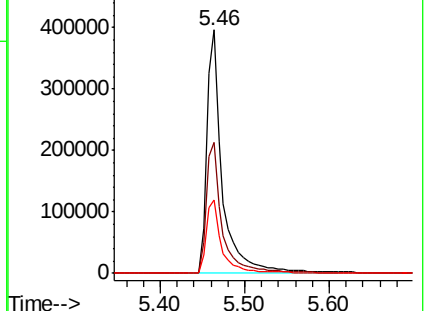
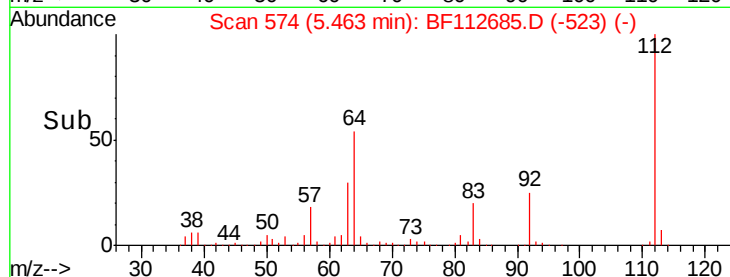
63 30.1 23.6 35.4



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: 42.852 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

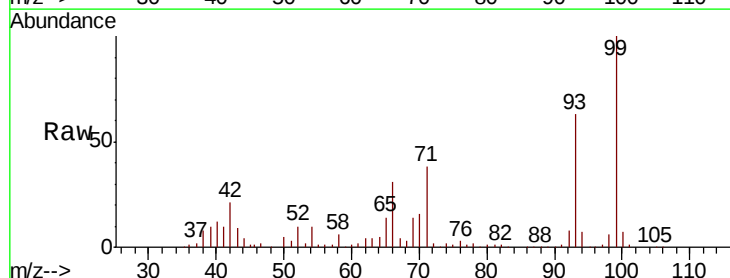
Tgt Ion: 93 Resp: 380965

Ion Ratio Lower Upper

93 100

66 49.0 43.4 65.2

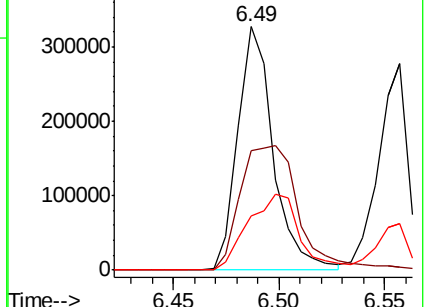
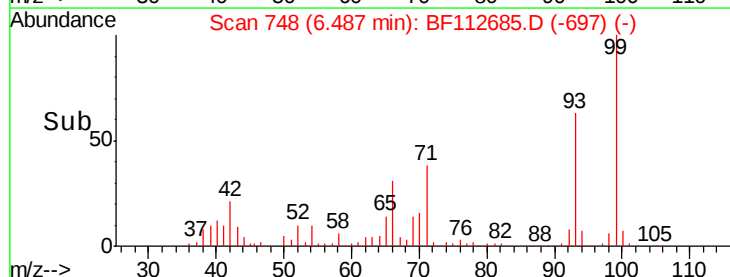
65 22.5 25.3 37.9#

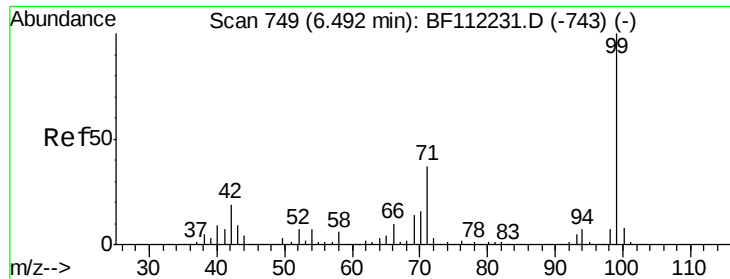


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.954 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

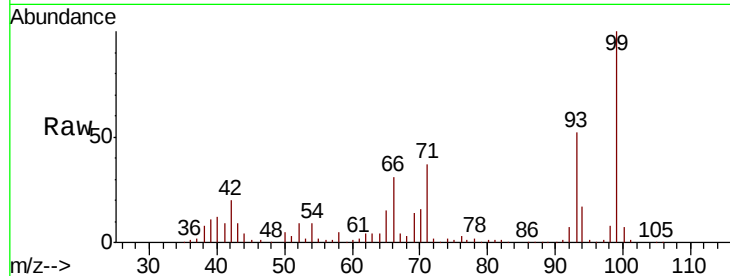
Tot Ion: 99 Resp: 649852

Ion Ratio Lower Upper

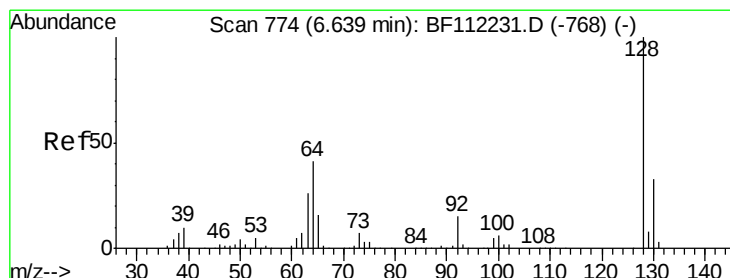
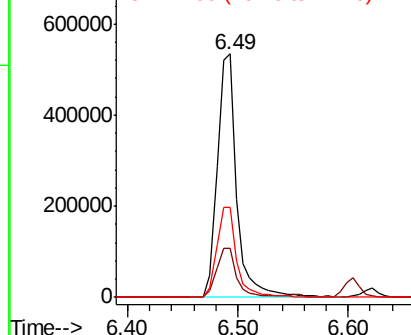
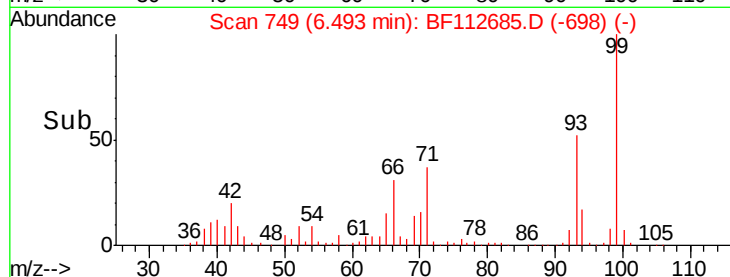
99 100

42 20.0 15.1 22.7

71 37.2 26.9 40.3



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



#8

2-Chlorophenol

Concen: 41.821 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

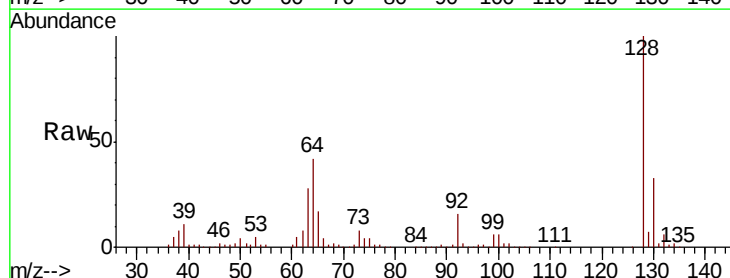
Tgt Ion: 128 Resp: 302584

Ion Ratio Lower Upper

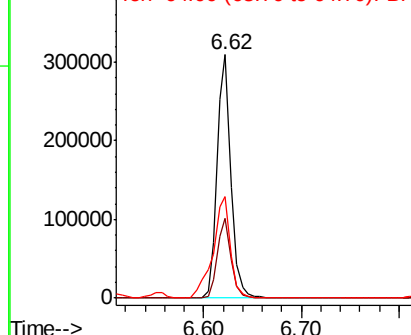
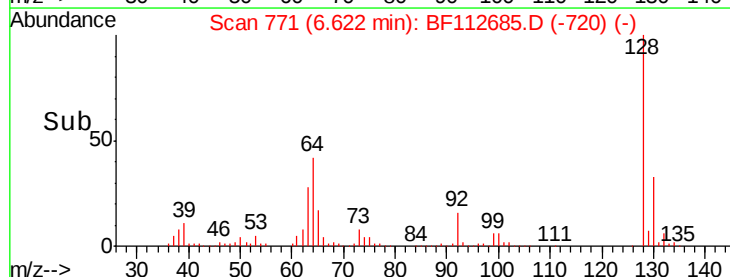
128 100

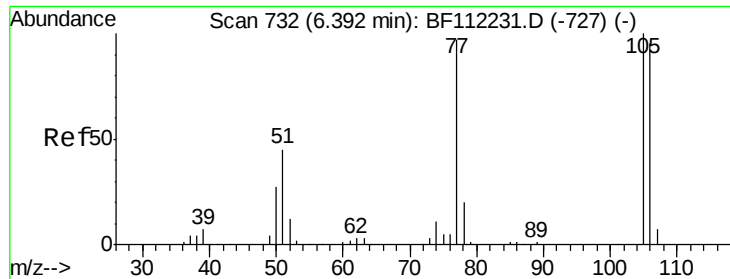
130 32.6 13.4 53.4

64 41.7 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

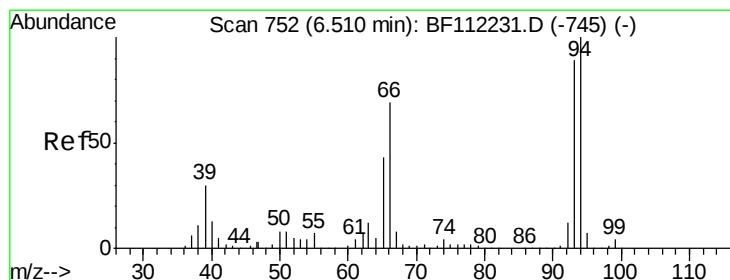
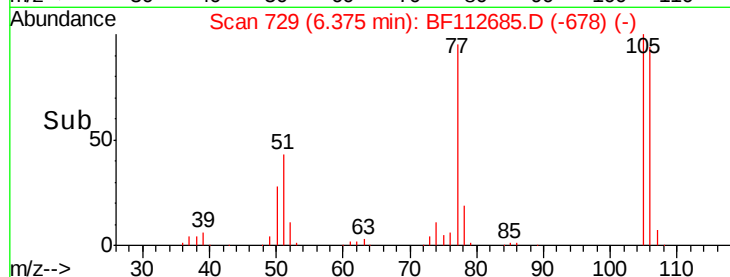
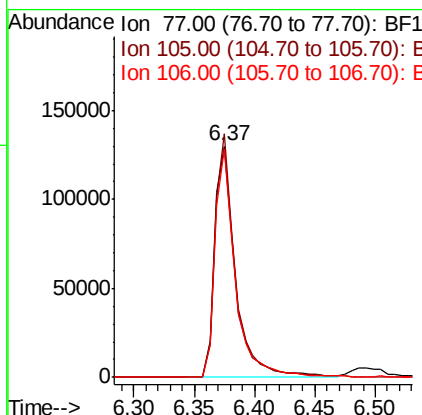
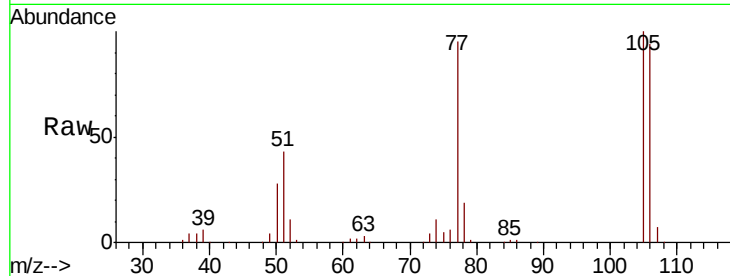




#9
Benzaldehyde
Concen: 39.117 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

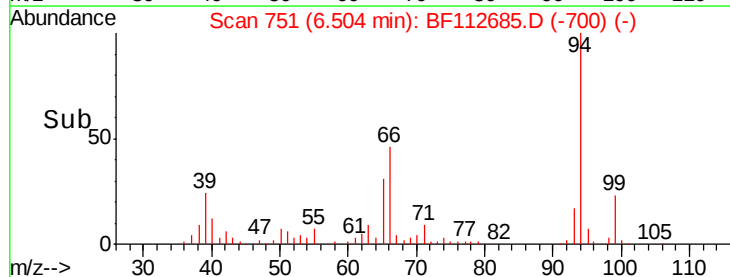
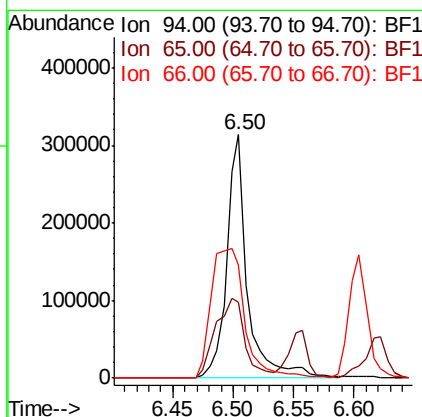
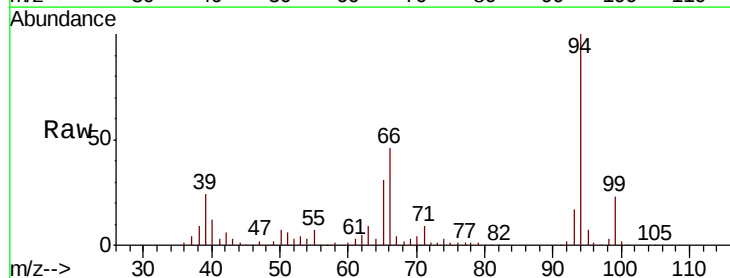
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

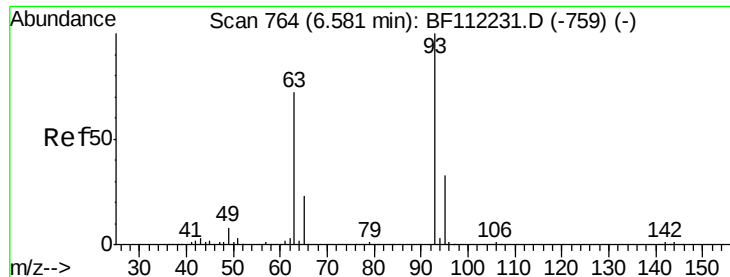
Tot Ion: 77 Resp: 152799
Ion Ratio Lower Upper
77 100
105 105.2 80.8 120.8
106 98.9 75.7 115.7



#10
Phenol
Concen: 45.163 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 94 Resp: 370305
Ion Ratio Lower Upper
94 100
65 31.1 20.3 60.3
66 46.3 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 41.808 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

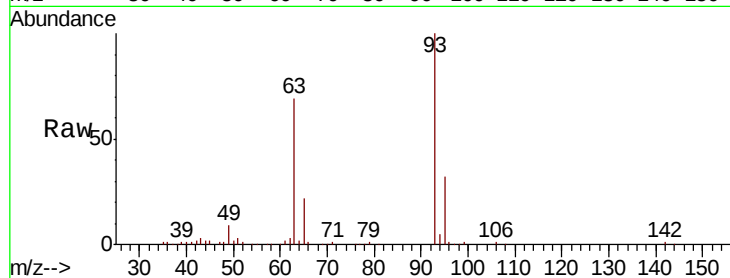
Tot Ion: 93 Resp: 269878

Ion Ratio Lower Upper

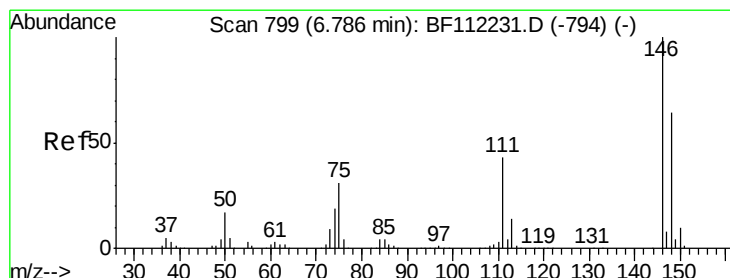
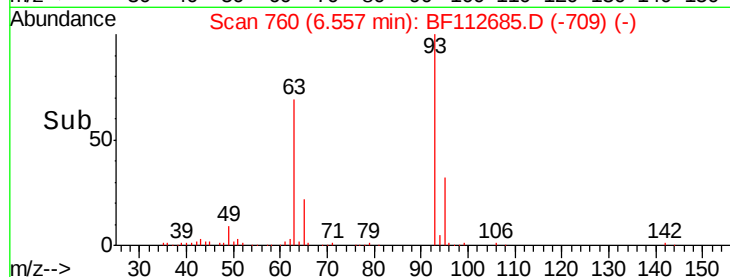
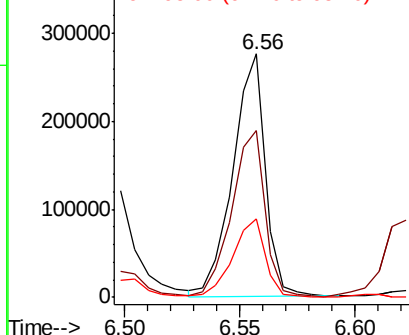
93 100

63 68.7 53.3 93.3

95 32.5 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: 39.601 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

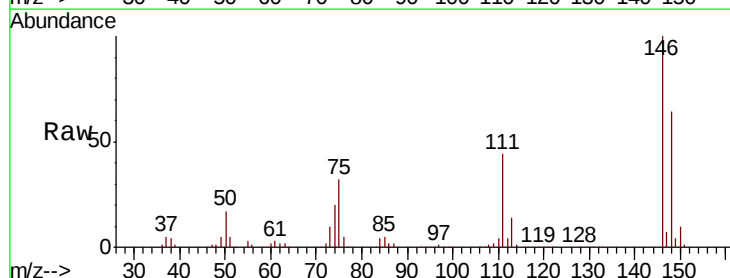
Tgt Ion: 146 Resp: 333691

Ion Ratio Lower Upper

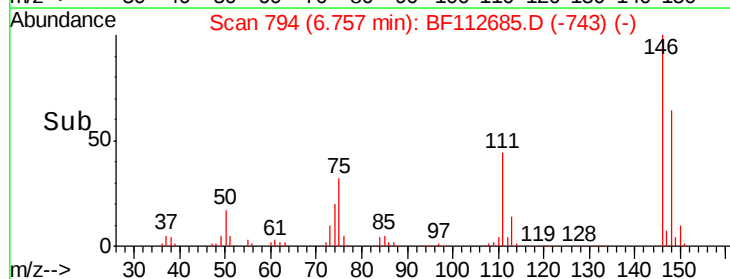
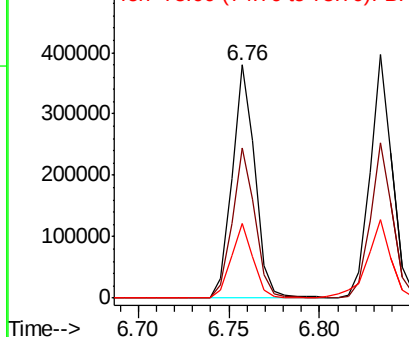
146 100

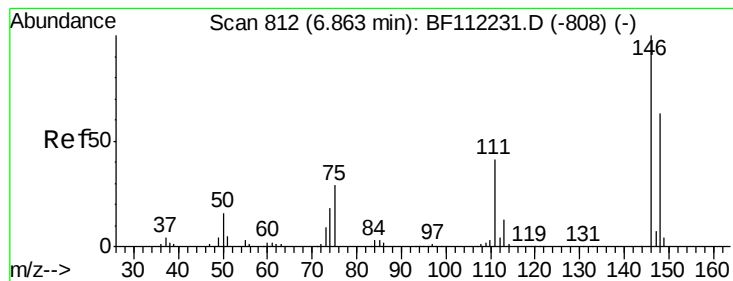
148 64.3 51.8 77.8

75 32.1 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: 39.692 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

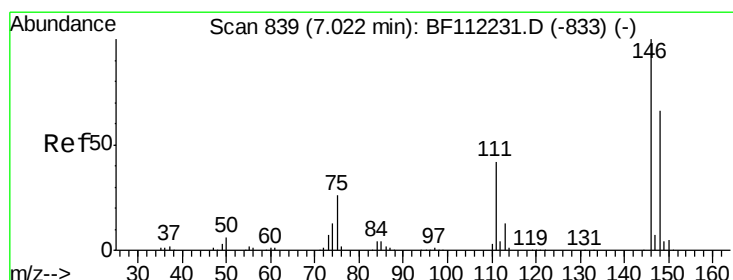
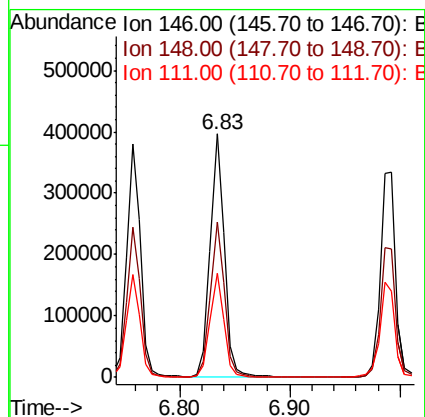
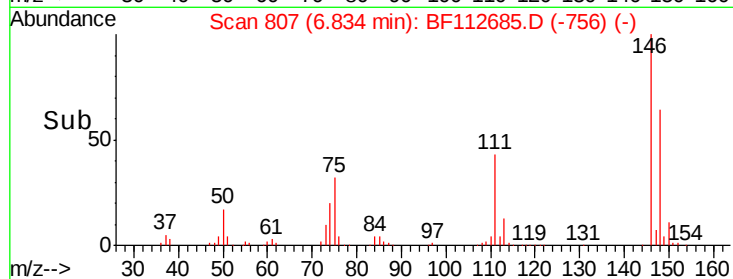
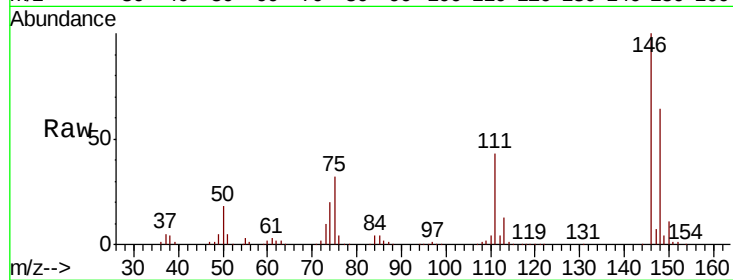
Tot Ion:146 Resp: 344212

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 42.8 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 40.274 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

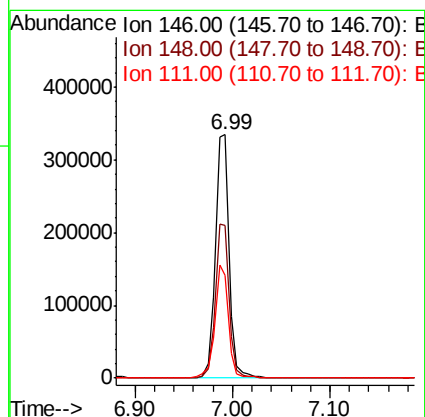
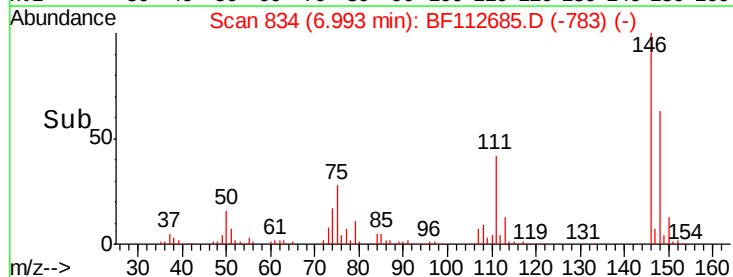
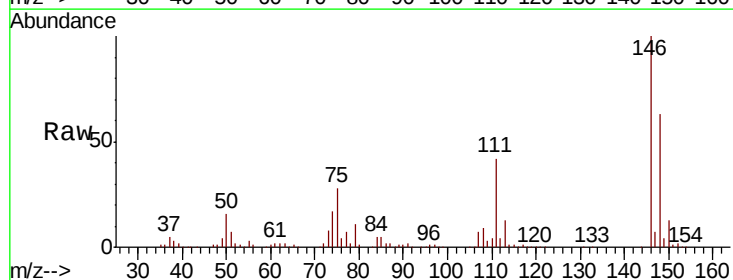
Tgt Ion:146 Resp: 326995

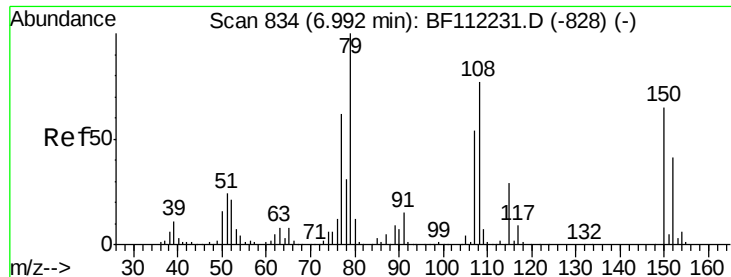
Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.4

111 42.1 31.2 46.8

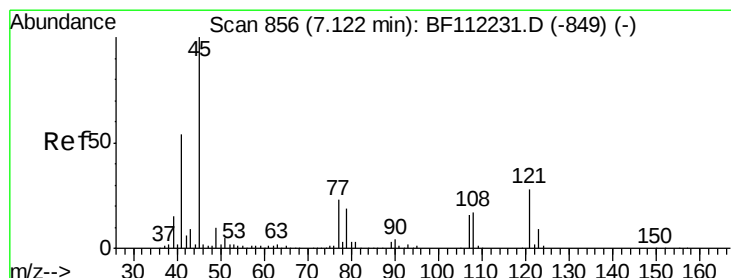
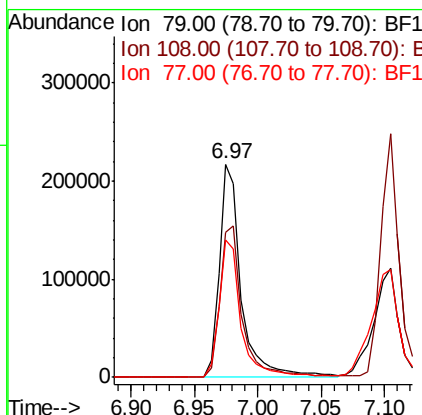
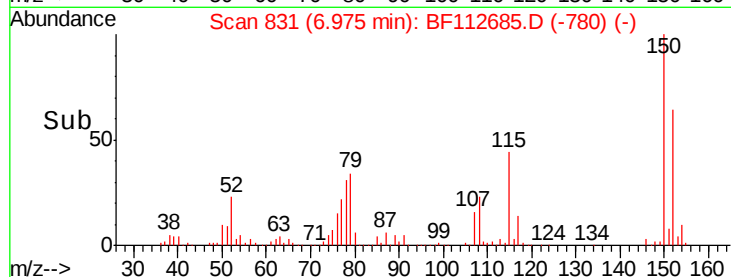
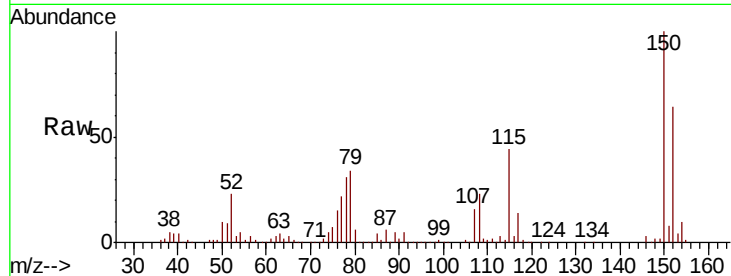




#15
Benzyl Alcohol
Concen: 41.660 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

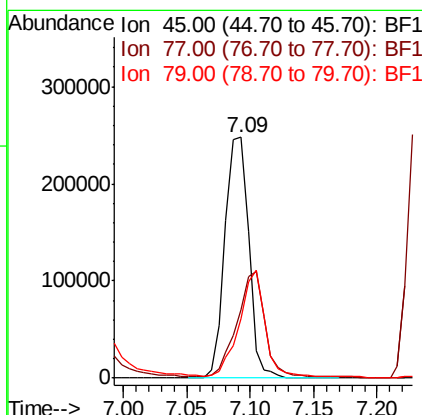
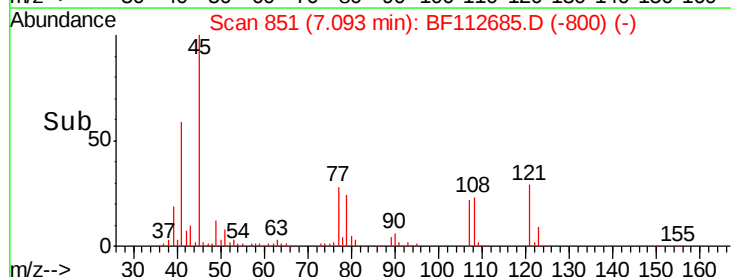
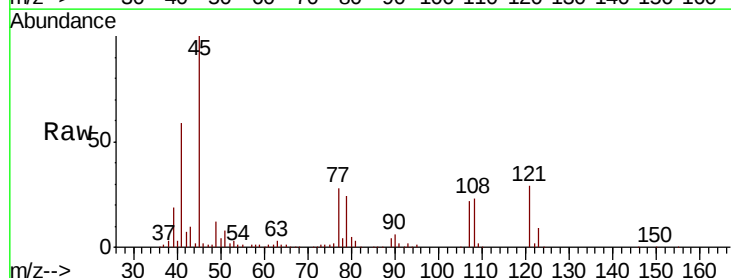
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

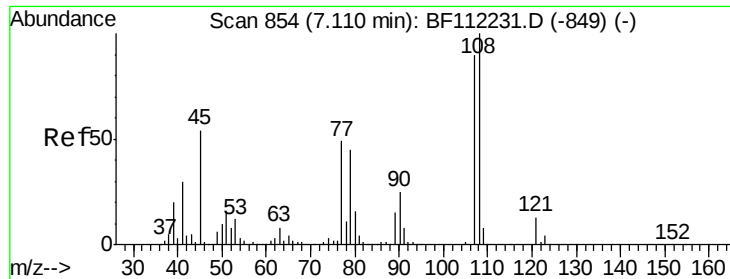
Tot Ion: 79 Resp: 262458
Ion Ratio Lower Upper
79 100
108 68.1 64.2 96.2
77 64.4 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.133 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 45 Resp: 324341
Ion Ratio Lower Upper
45 100
77 28.3 0.0 36.9
79 24.5 0.0 34.0

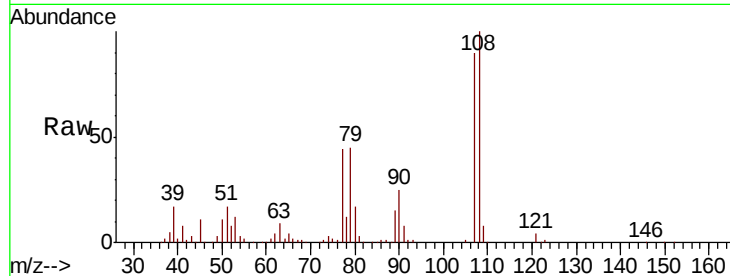




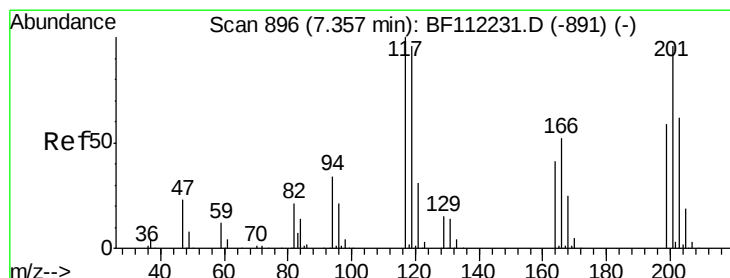
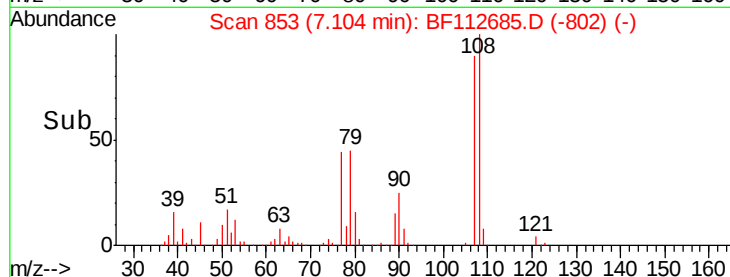
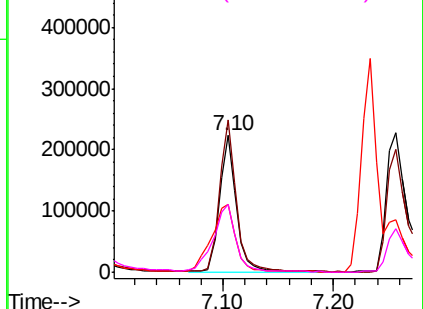
#17
2-Methylphenol
Concen: 41.690 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	239114
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.3	136.9
77	49.2	39.0	58.6
79	49.9	37.0	55.4

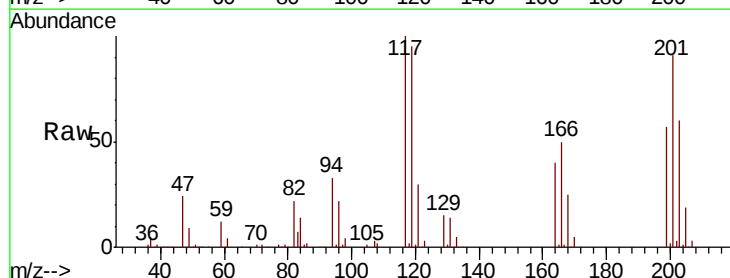


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

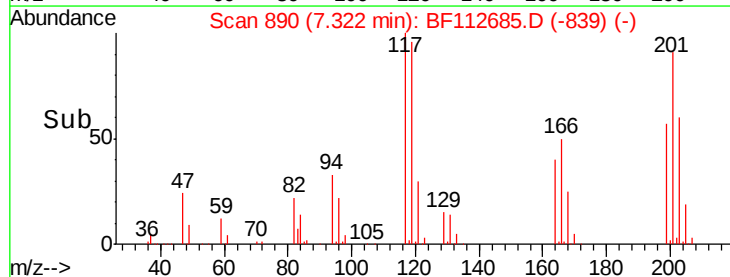
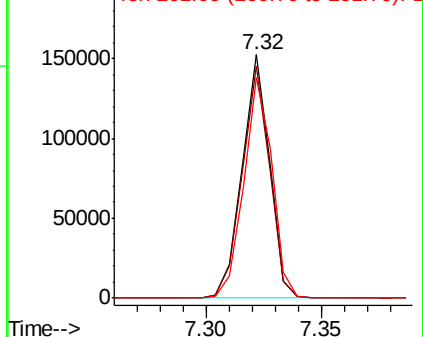


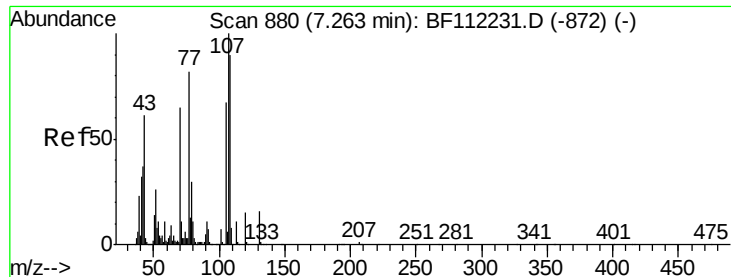
#18
Hexachloroethane
Concen: 41.578 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:	117	Resp:	126615
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	90.6	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

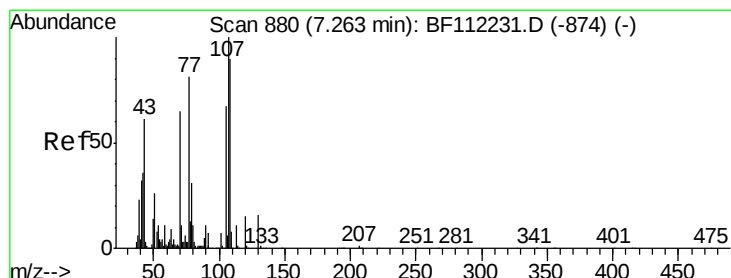
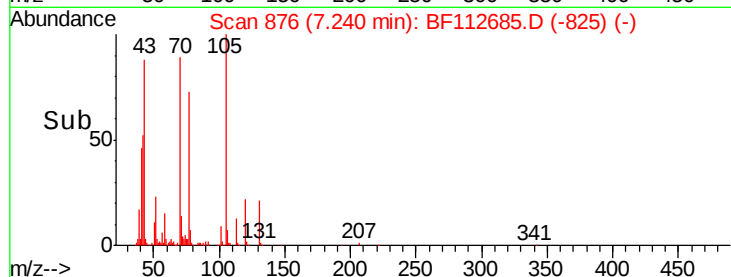
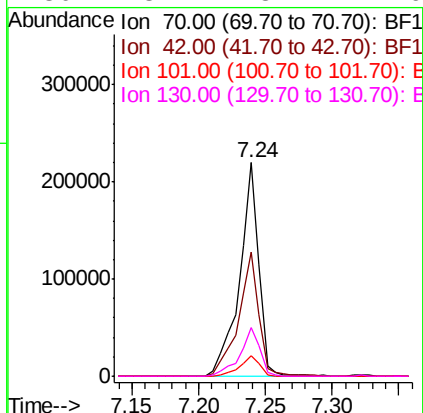
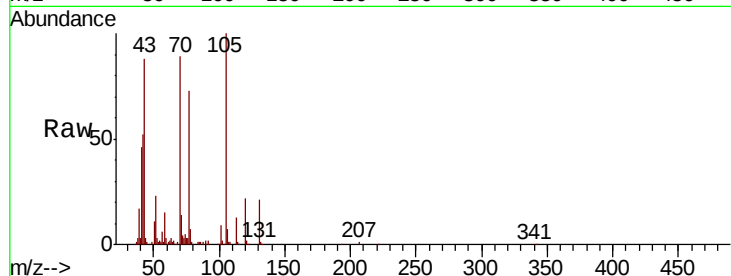




#19
n-Nitroso-di-n-propylamine
Concen: 43.036 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

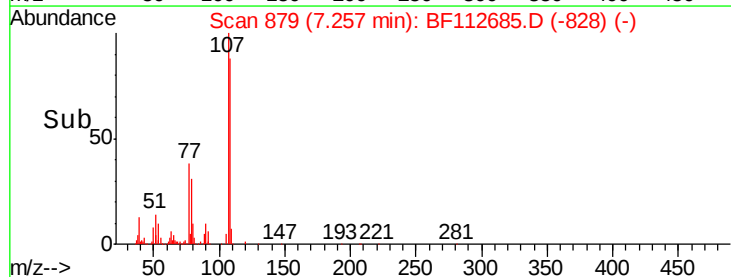
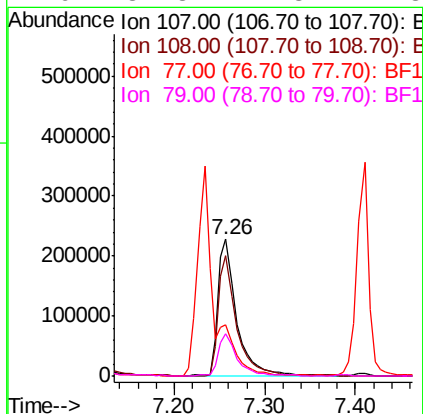
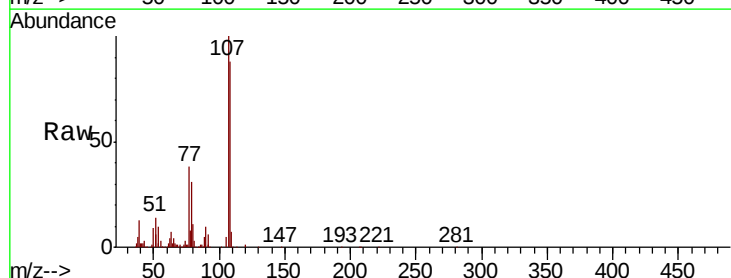
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

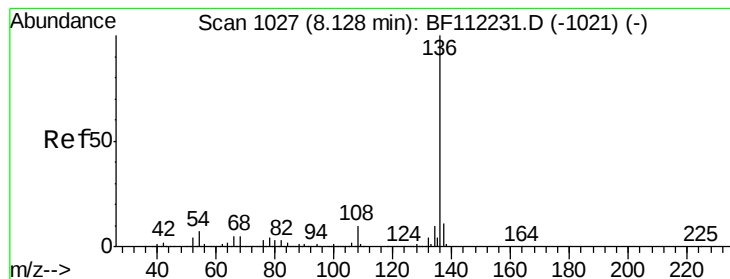
Tot Ion:	70	Resp:	221780
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.6	71.4
101	9.6	7.9	11.9
130	23.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 43.394 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:	107	Resp:	318273
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	37.9	100.7	140.7#
79	31.3	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 447350

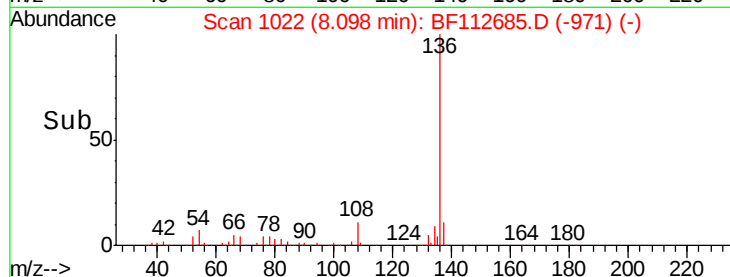
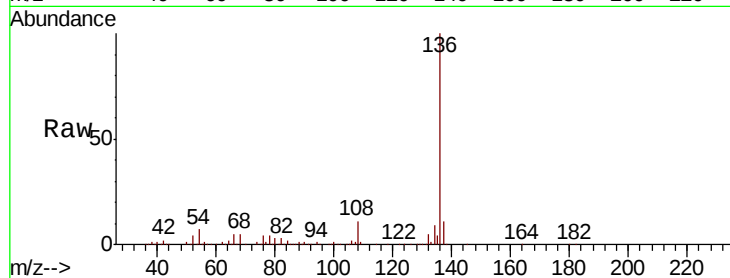
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.5 5.9 8.9

68 4.6 5.1 7.7#

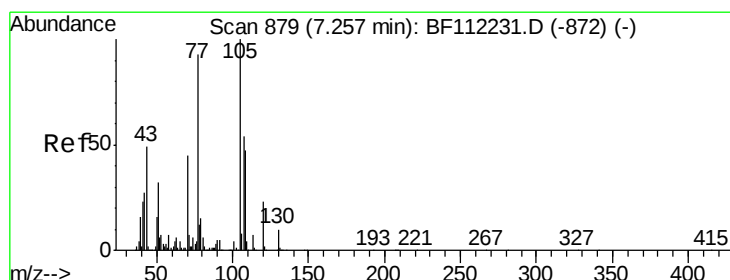
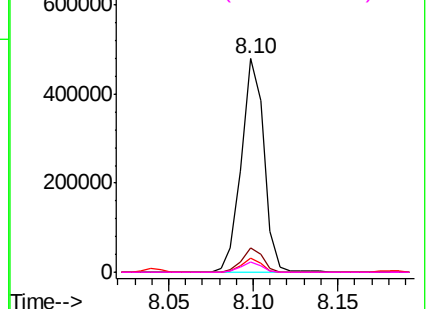


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.080 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Tgt Ion:105 Resp: 447486

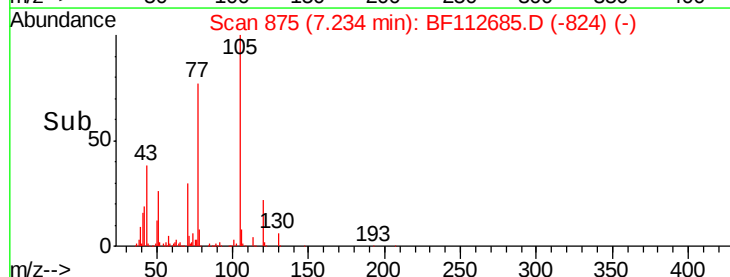
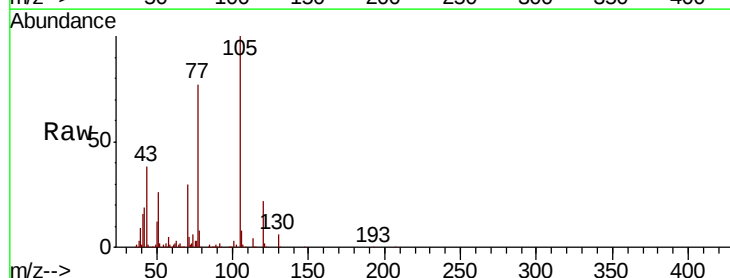
Ion Ratio Lower Upper

105 100

71 5.0 4.6 6.8

51 26.0 25.0 37.6

120 21.9 19.0 28.4

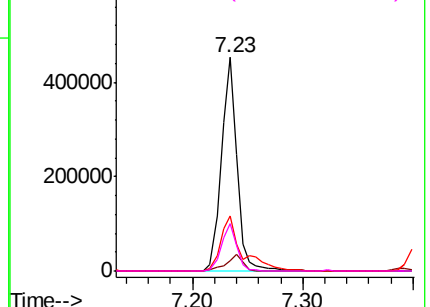


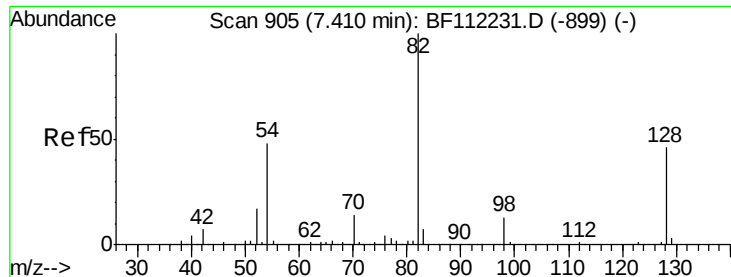
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

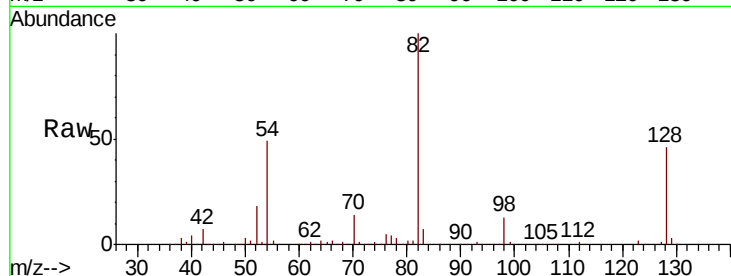




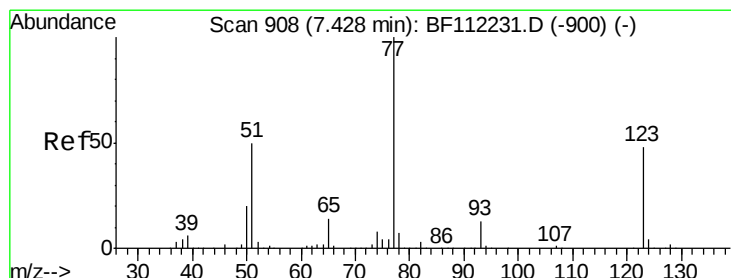
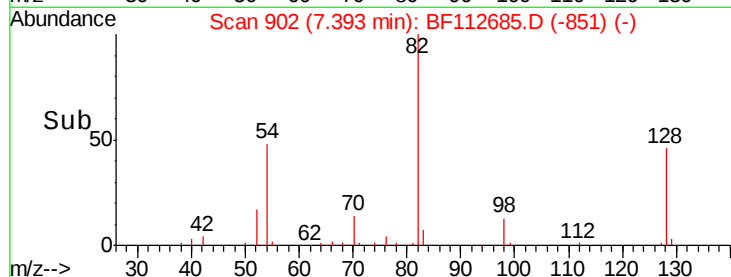
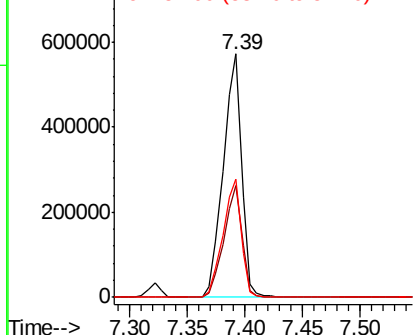
#23
Nitrobenzene-d5
Concen: 81.825 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 635274
Ion Ratio Lower Upper
82 100
128 45.7 37.8 56.8
54 48.6 39.7 59.5

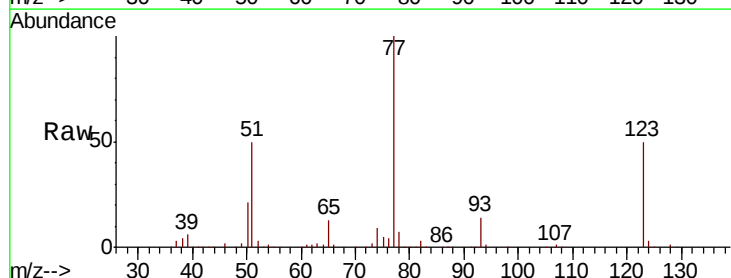


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

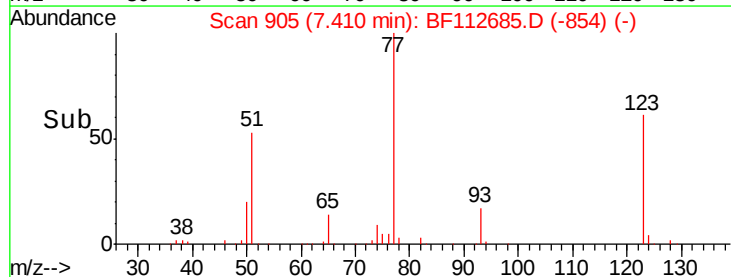
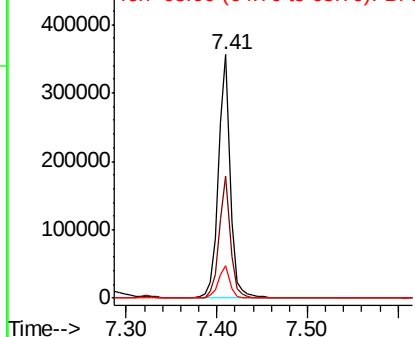


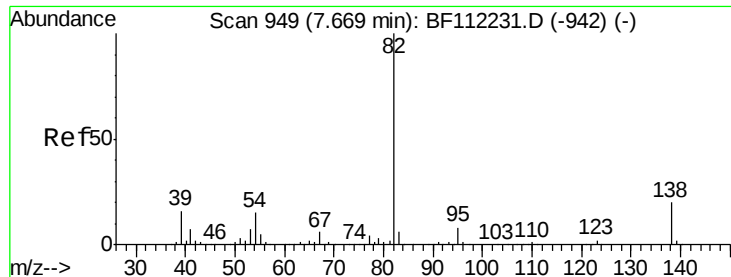
#24
Nitrobenzene
Concen: 40.598 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 77 Resp: 314789
Ion Ratio Lower Upper
77 100
123 50.1 38.4 57.6
65 13.4 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

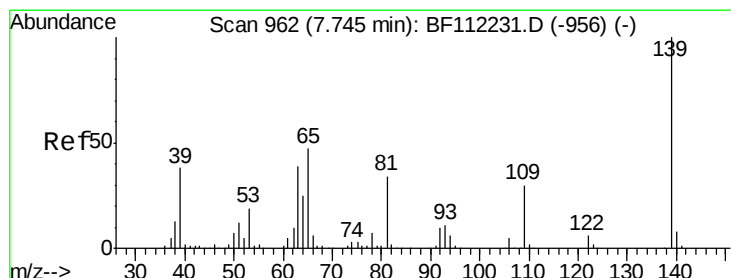
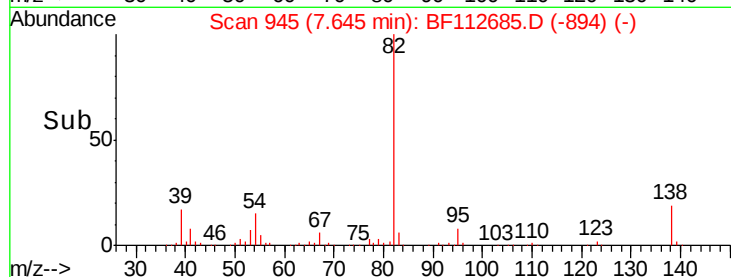
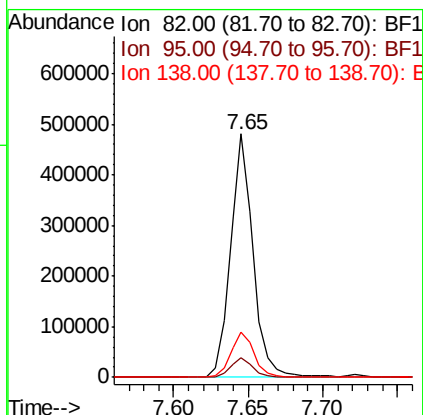
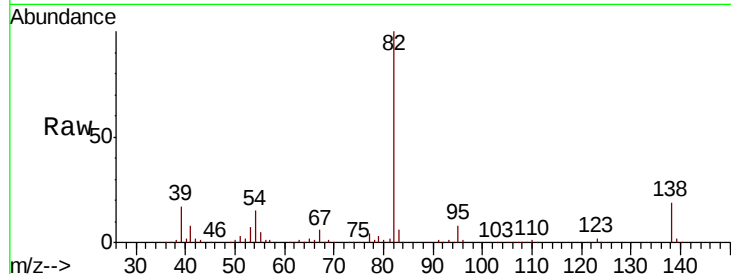




#25
Isophorone
Concen: 41.949 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

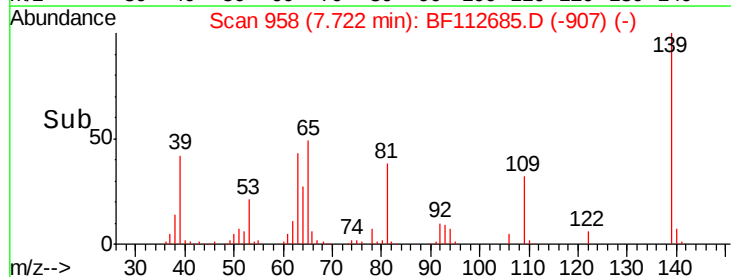
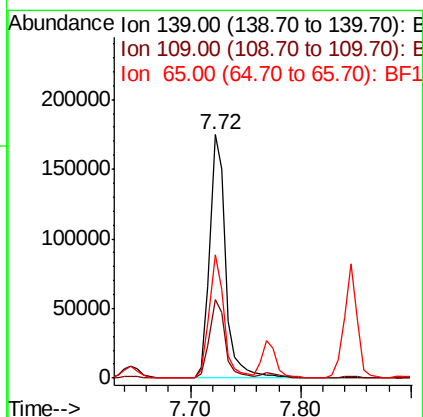
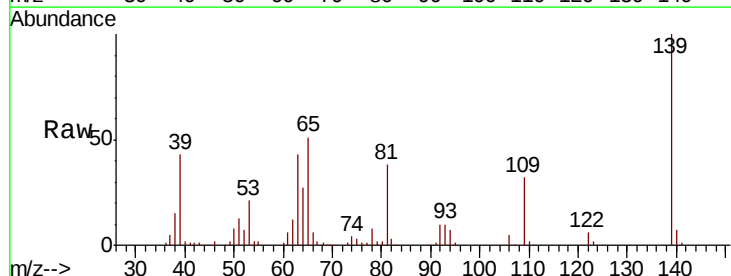
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

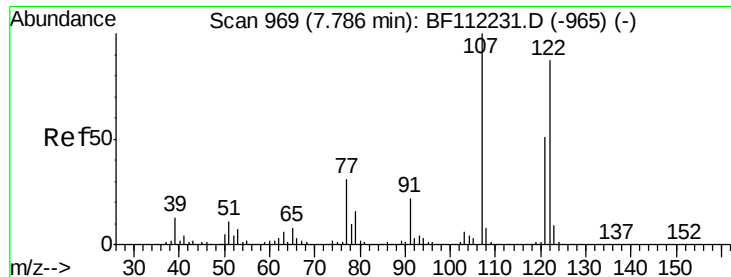
Tot Ion: 82 Resp: 510932
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 18.6 15.4 23.0



#26
2-Nitrophenol
Concen: 41.642 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 139 Resp: 172555
Ion Ratio Lower Upper
139 100
109 32.1 20.8 31.2#
65 50.8 34.4 51.6

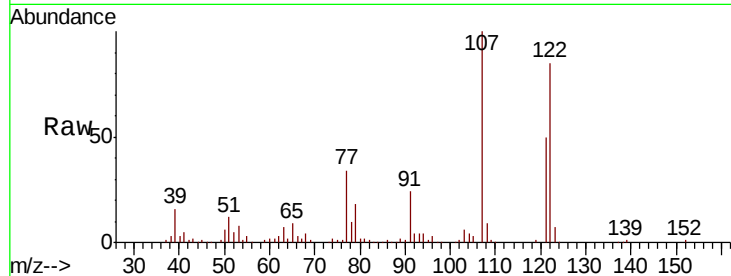




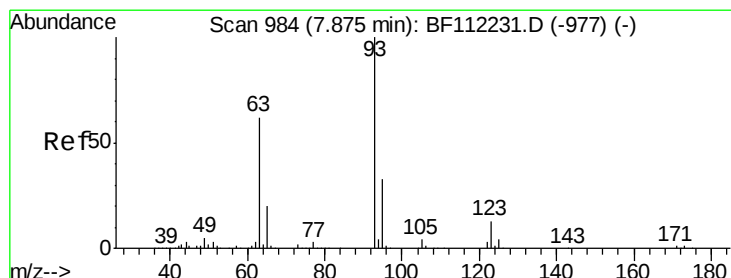
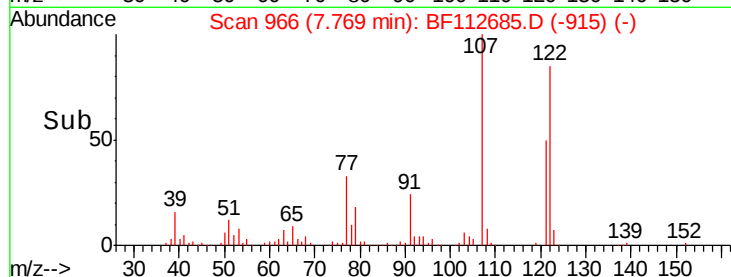
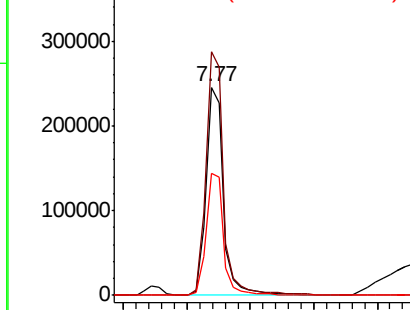
#27
2,4-Dimethylphenol
Concen: 40.846 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 233196
Ion Ratio Lower Upper
122 100
107 117.2 85.4 128.0
121 58.6 47.0 70.4

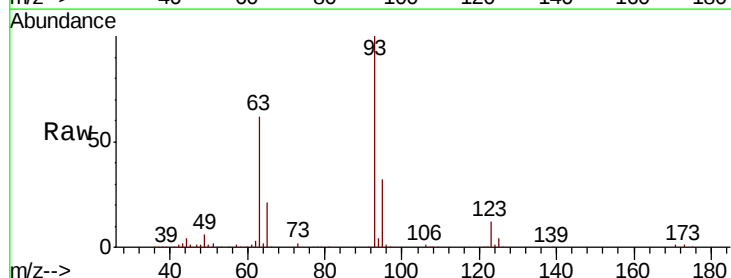


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

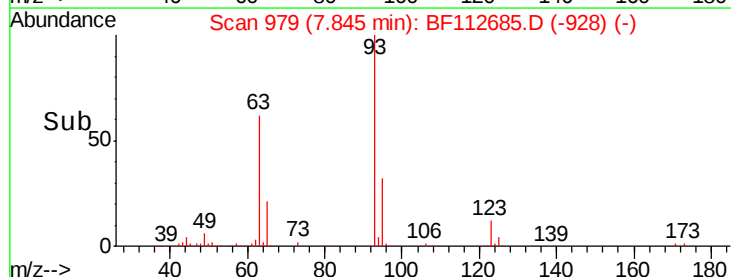
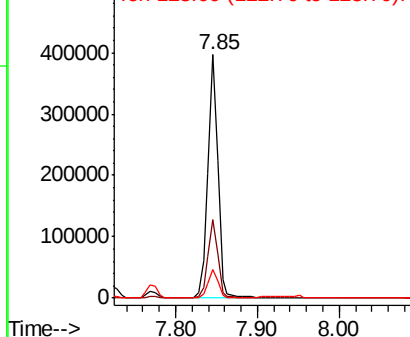


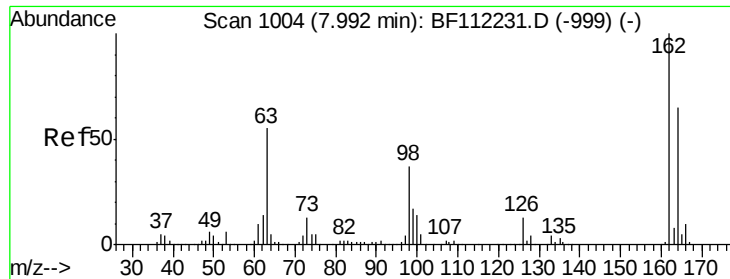
#28
bis(2-Chloroethoxy)methane
Concen: 40.741 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion: 93 Resp: 337880
Ion Ratio Lower Upper
93 100
95 32.0 26.8 40.2
123 11.5 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

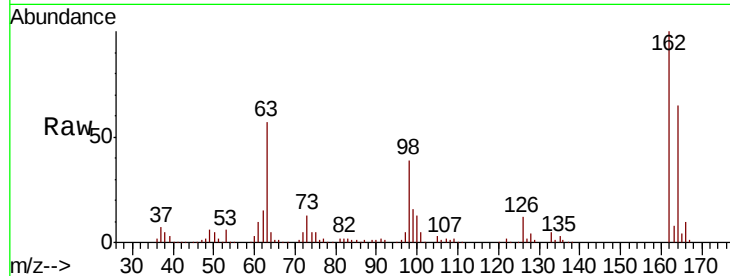




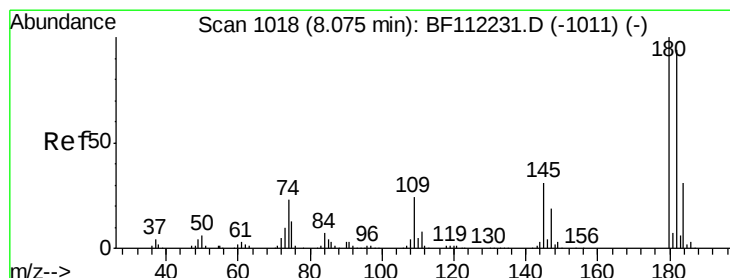
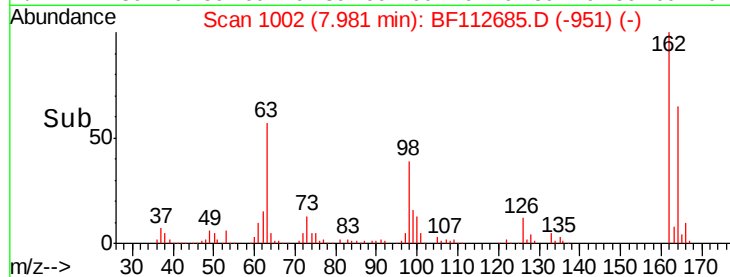
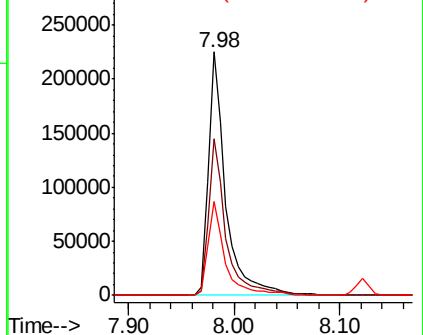
#29
 2,4-Dichlorophenol
 Concen: 40.418 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 258224
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.6 84.6
 98 38.7 14.6 54.6

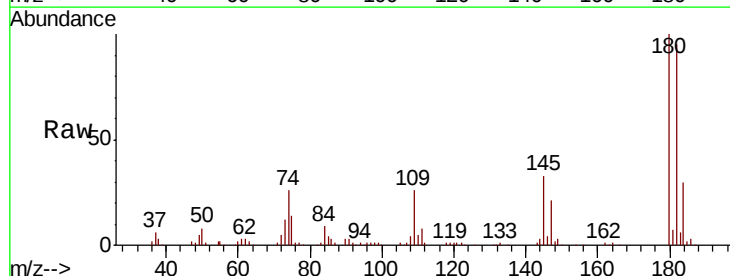


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

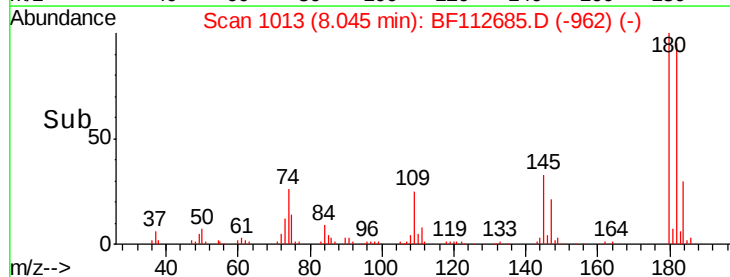
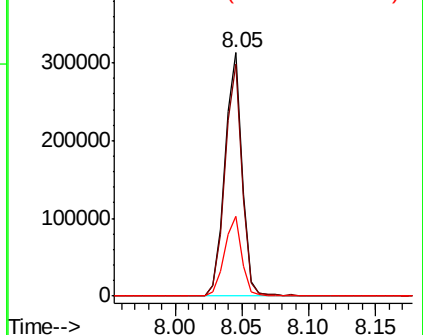


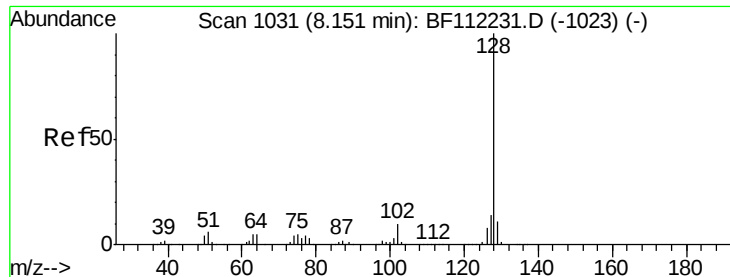
#30
 1,2,4-Trichlorobenzene
 Concen: 39.149 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:180 Resp: 287506
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 32.9 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

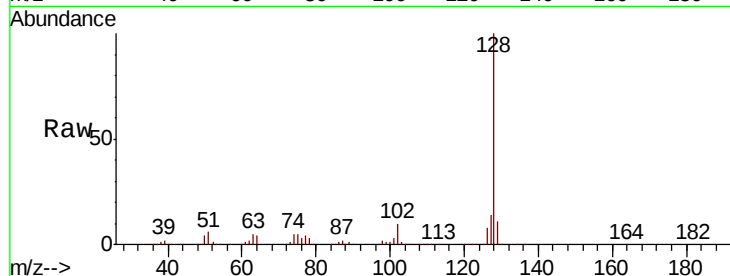




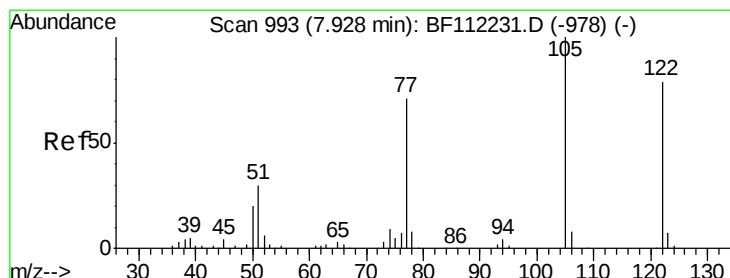
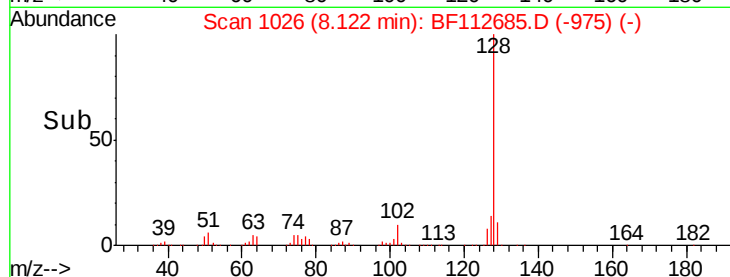
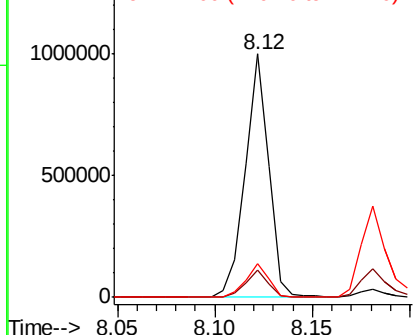
#31
Naphthalene
Concen: 40.016 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 837131
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 13.6 11.1 16.7

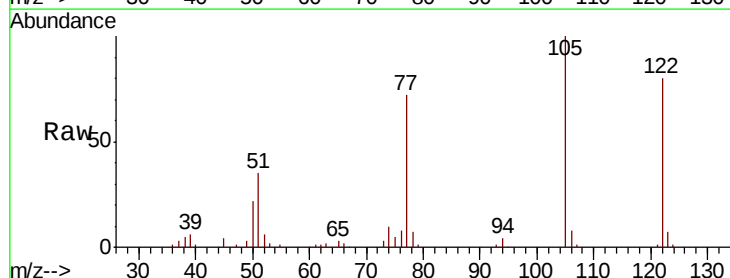


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

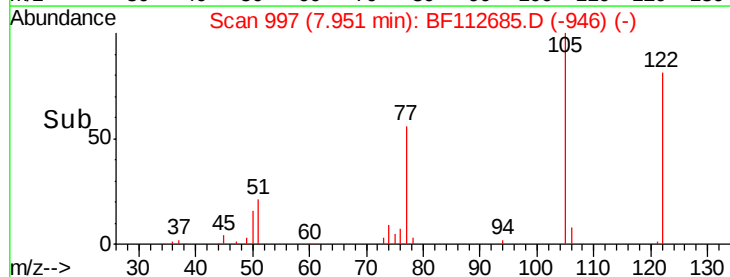
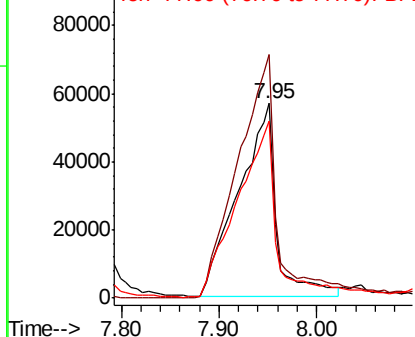


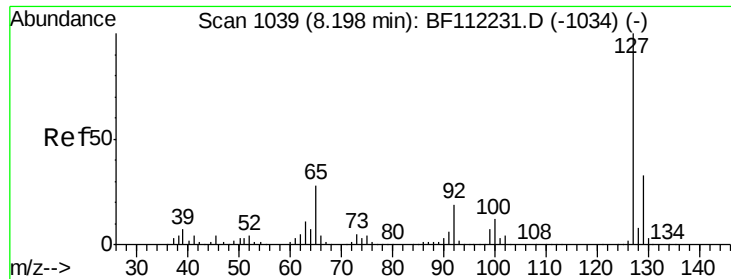
#32
Benzoic acid
Concen: 46.617 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:122 Resp: 151812
Ion Ratio Lower Upper
122 100
105 125.0 101.2 141.2
77 90.6 70.4 110.4



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

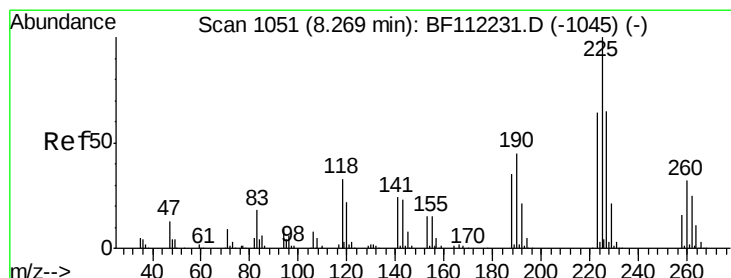
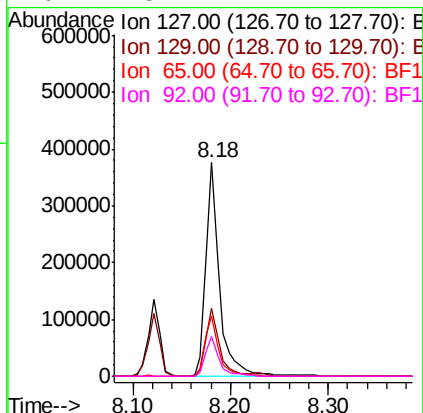
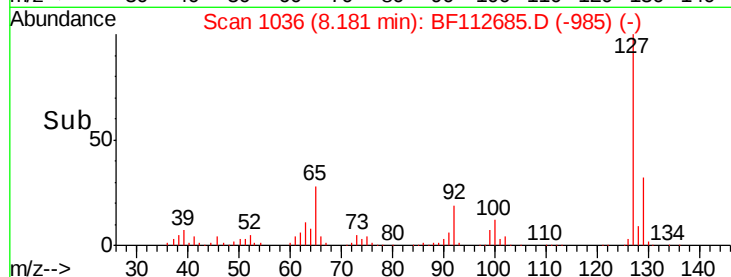
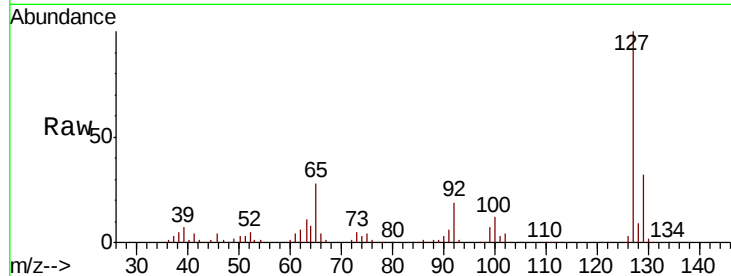




#33
4-Chloroaniline
Concen: 40.069 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

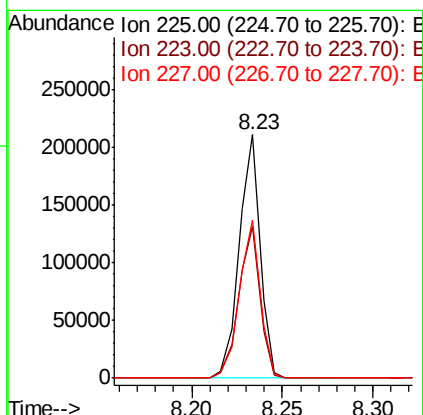
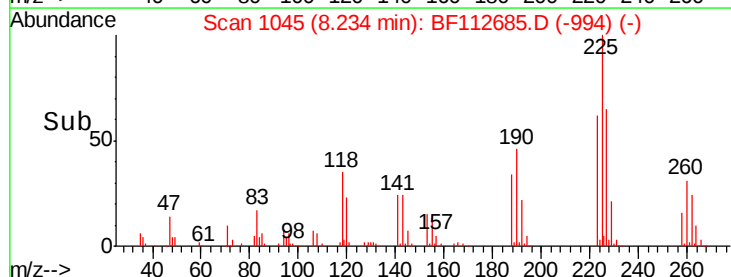
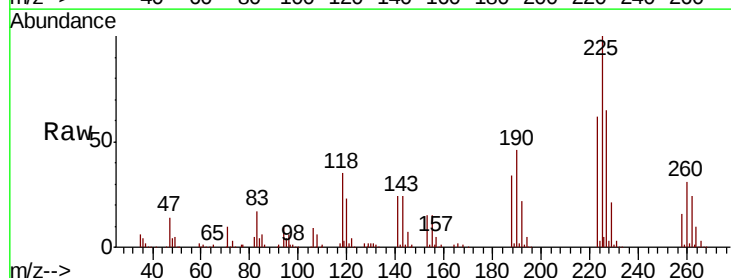
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

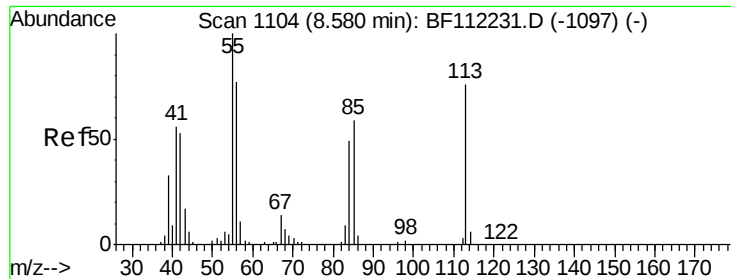
Tot Ion:	127	Resp:	364990
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	28.4	21.4	32.2
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.369 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:	225	Resp:	169661
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.3	75.5
227	64.8	51.8	77.8

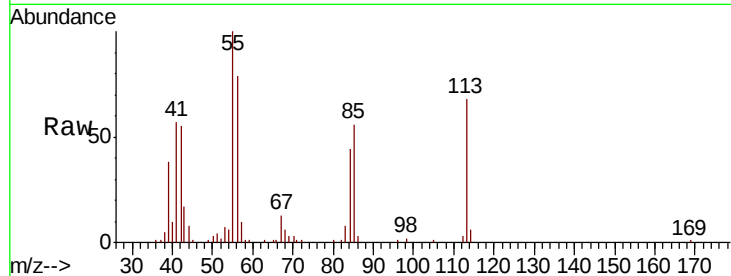




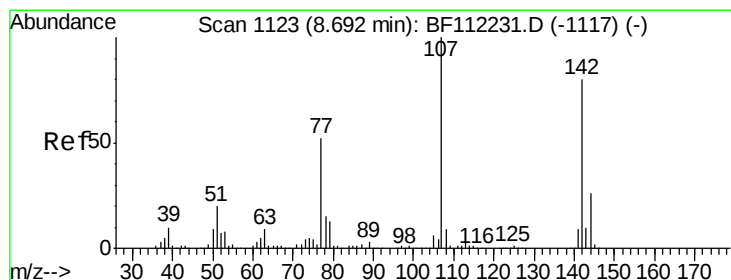
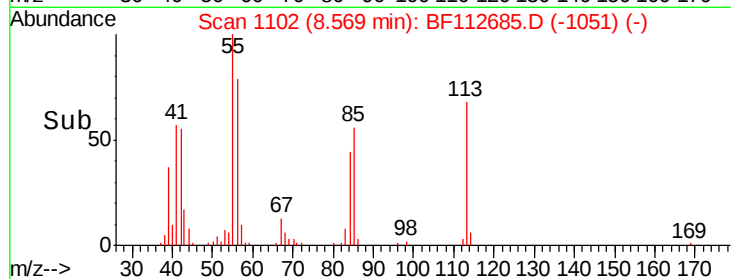
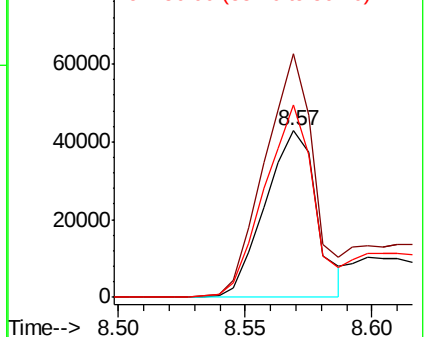
#35
Caprolactam
Concen: 26.819 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 60446
Ion Ratio Lower Upper
113 100
55 146.1 121.6 161.6
56 115.3 86.7 126.7

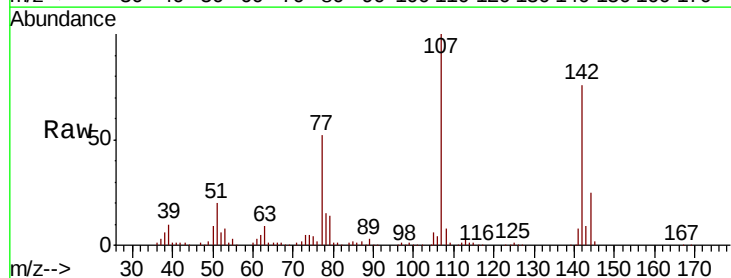


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

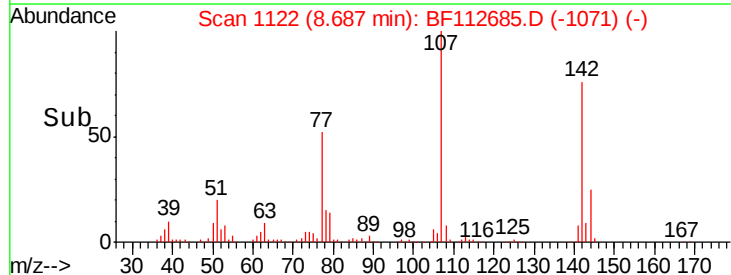
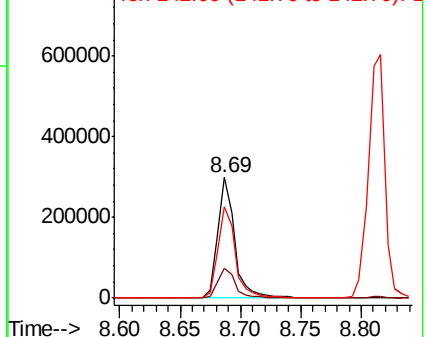


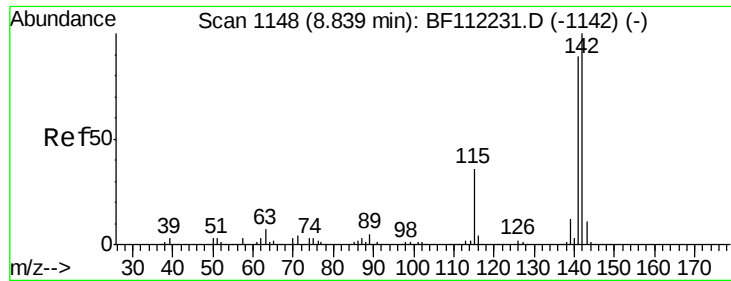
#36
4-Chloro-3-methylphenol
Concen: 42.484 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:107 Resp: 287335
Ion Ratio Lower Upper
107 100
144 24.9 22.2 33.2
142 76.1 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

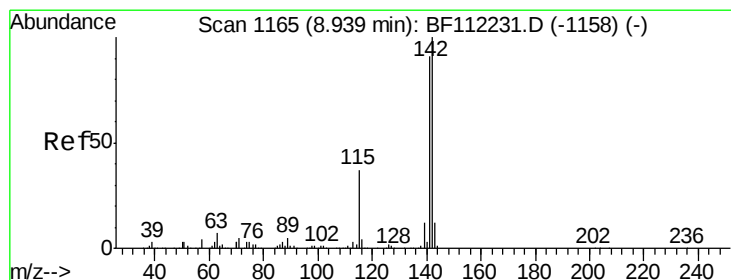
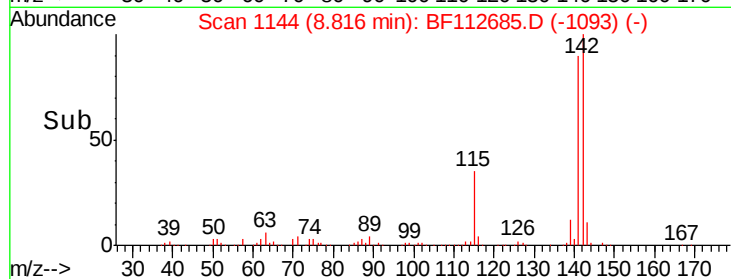
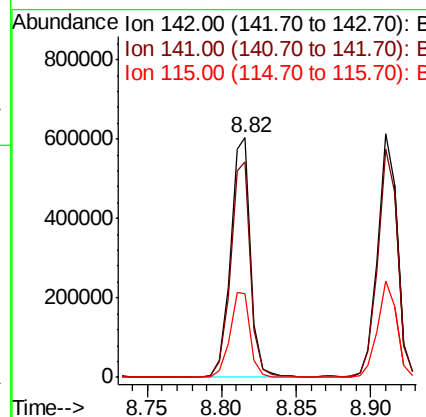
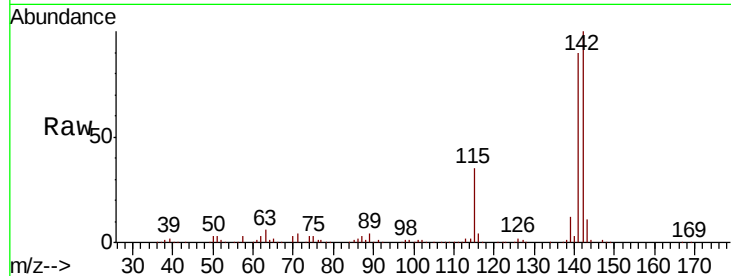




#37
2-Methylnaphthalene
Concen: 40.137 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

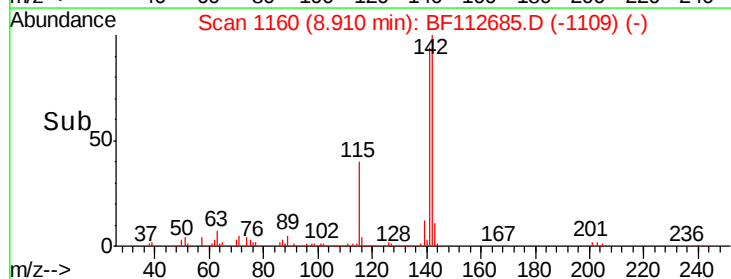
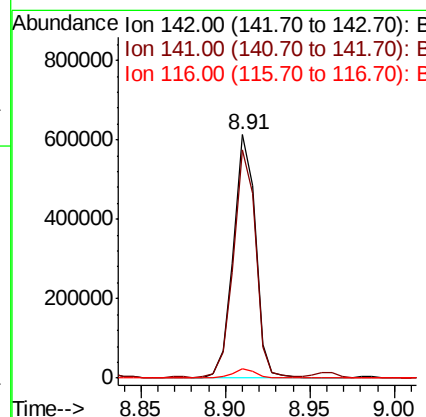
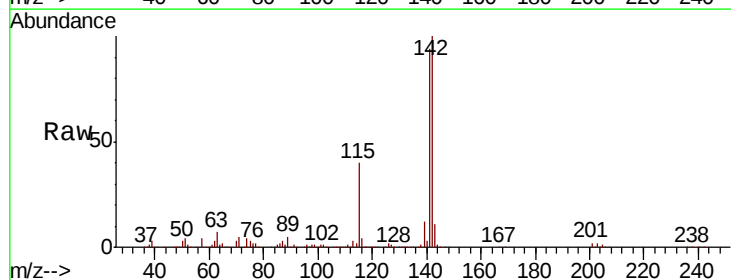
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

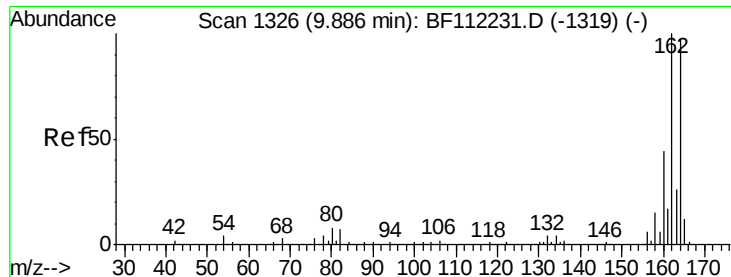
Tot Ion:142 Resp: 574823
Ion Ratio Lower Upper
142 100
141 90.0 70.9 106.3
115 34.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 40.410 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:142 Resp: 554701
Ion Ratio Lower Upper
142 100
141 94.0 72.6 108.8
116 4.0 2.8 4.2

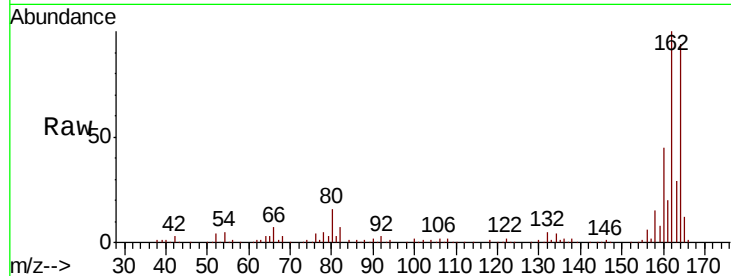




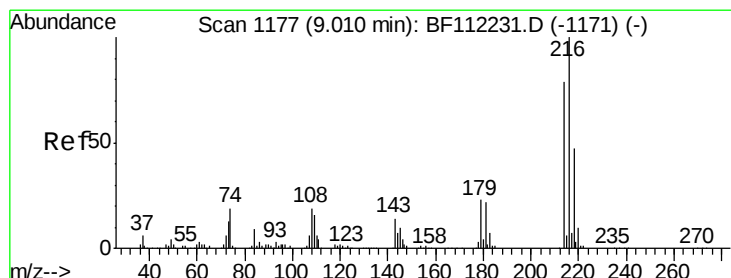
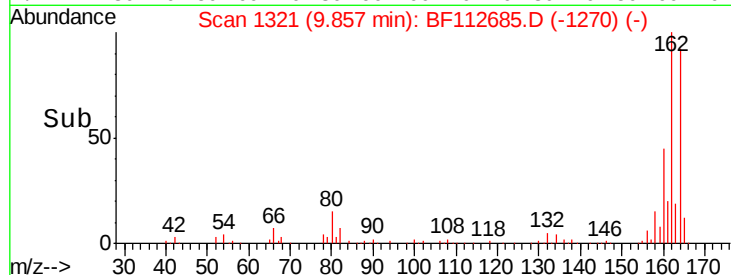
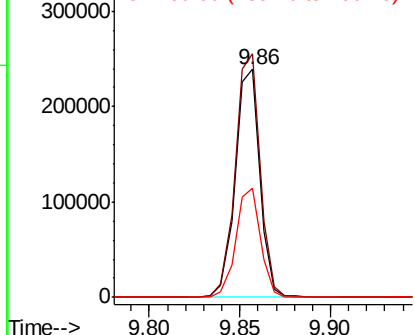
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 226013
Ion Ratio Lower Upper
164 100
162 106.7 82.2 123.4
160 48.0 36.2 54.4

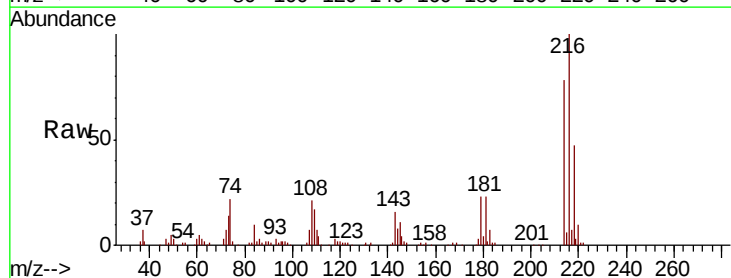


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

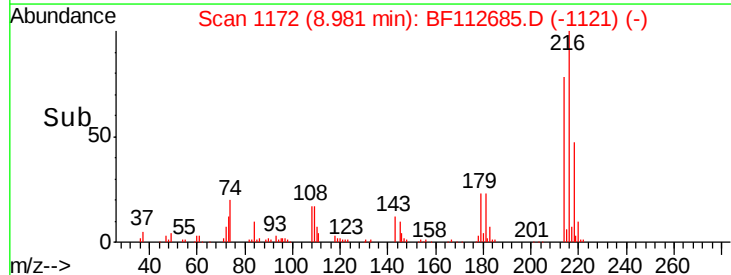
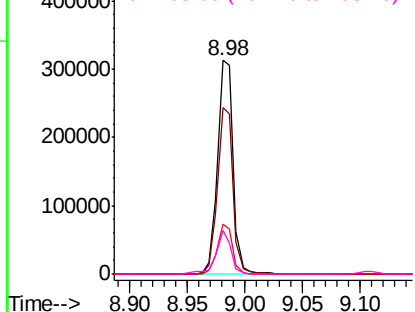


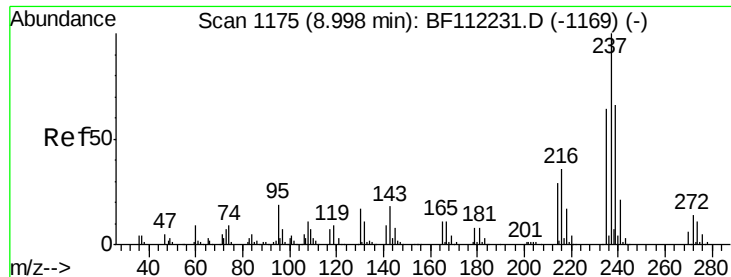
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.450 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:216 Resp: 292753
Ion Ratio Lower Upper
216 100
214 77.8 63.8 95.6
179 22.5 16.9 25.3
108 19.4 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: 36.259 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

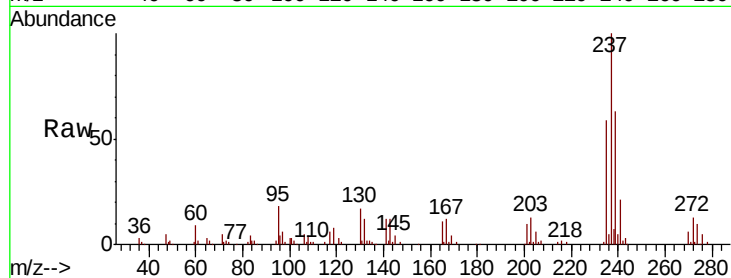
Tot Ion:237 Resp: 85391

Ion Ratio Lower Upper

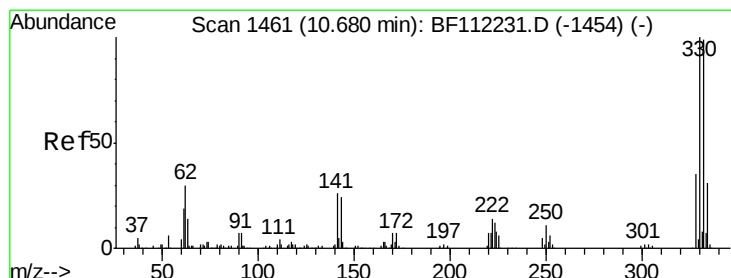
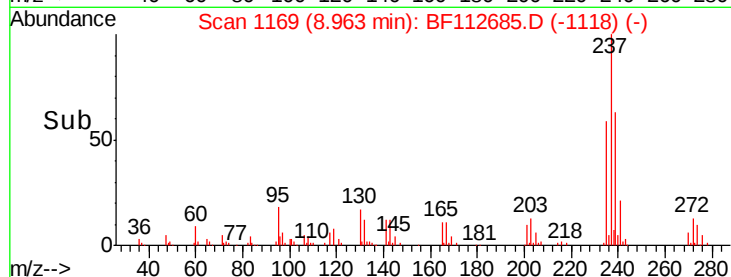
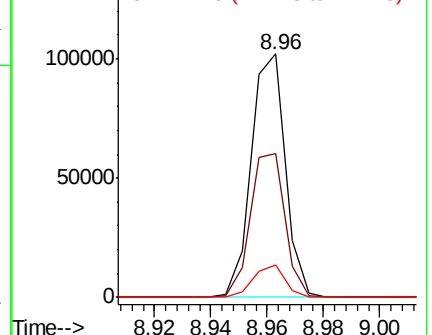
237 100

235 59.1 44.0 84.0

272 13.2 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 86.263 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

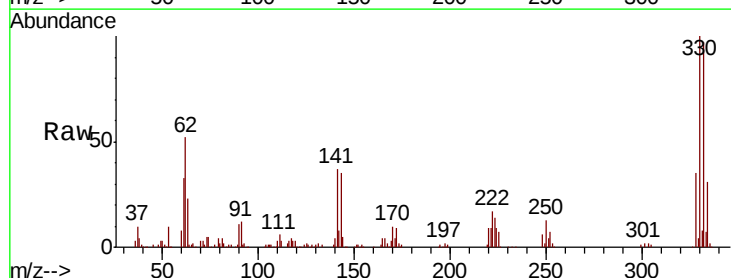
Tgt Ion:330 Resp: 226935

Ion Ratio Lower Upper

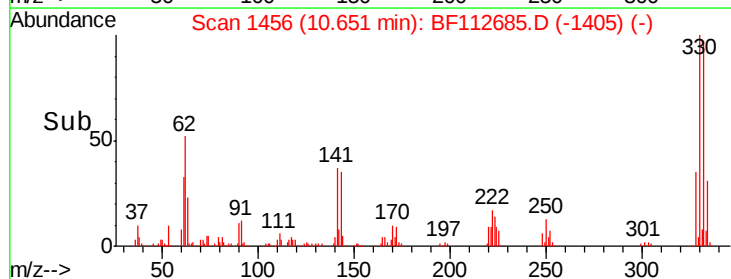
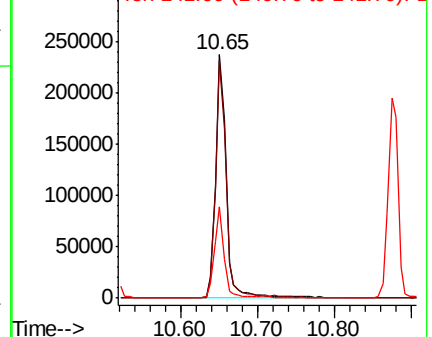
330 100

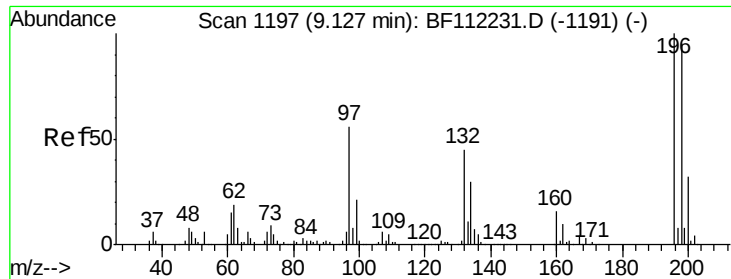
332 93.5 76.6 114.8

141 33.6 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

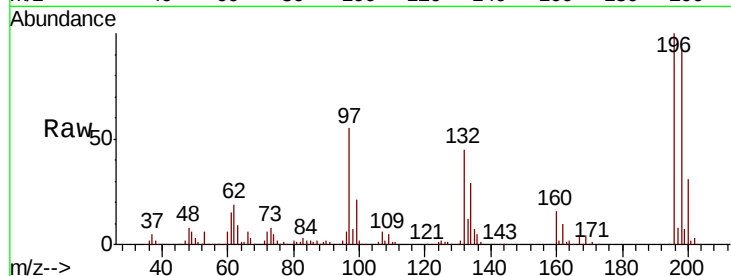




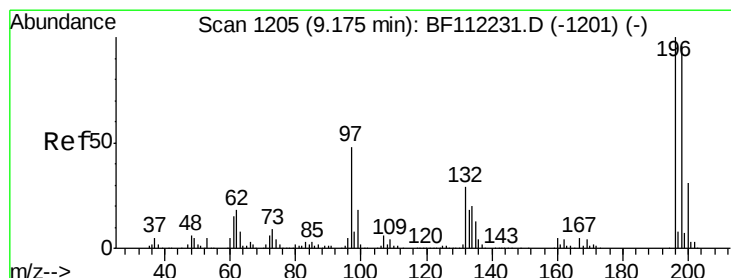
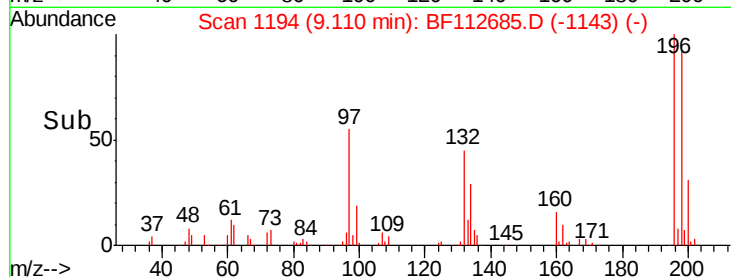
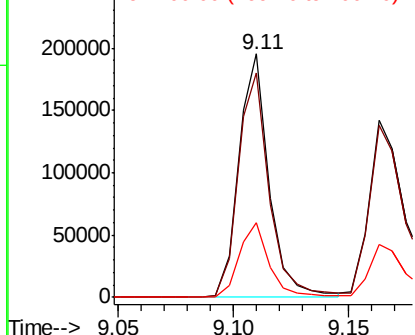
#43
 2,4,6-Trichlorophenol
 Concen: 39.055 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 178647
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.2 114.4
 200 30.7 24.3 36.5

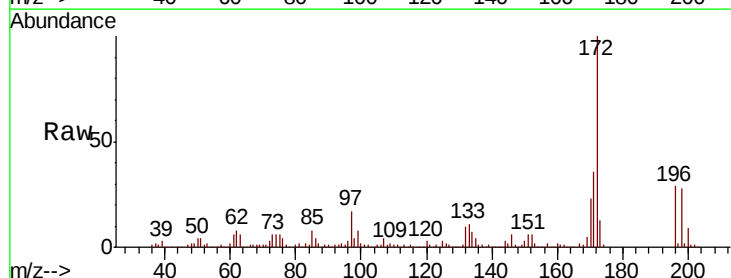


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

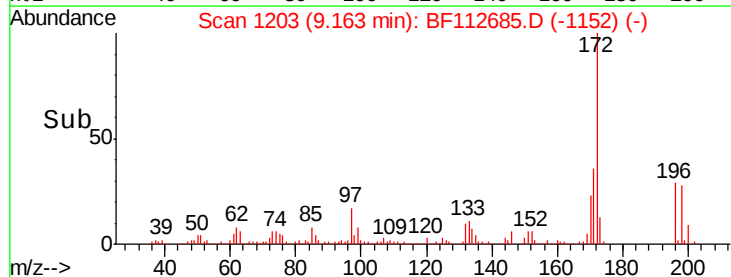
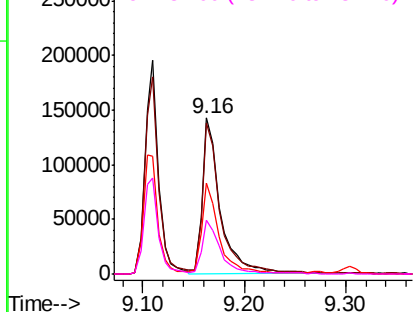


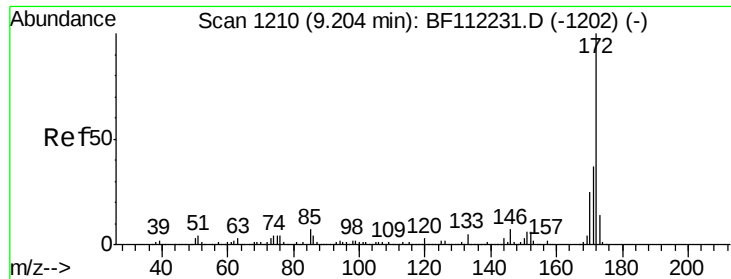
#44
 2,4,5-Trichlorophenol
 Concen: 36.854 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:196 Resp: 176186
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.0 114.0
 97 58.8 36.4 54.6#
 132 34.7 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

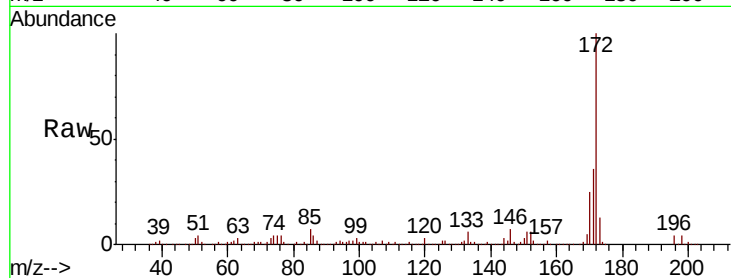




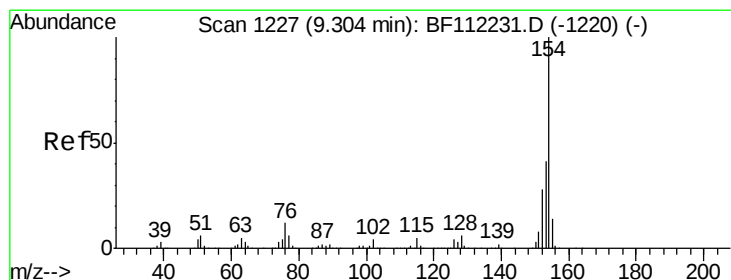
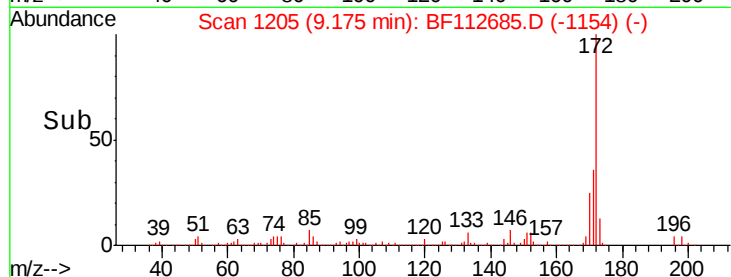
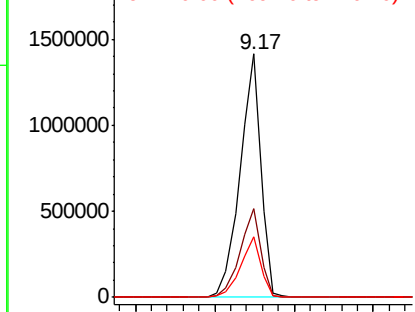
#45
2-Fluorobiphenyl
Concen: 80.454 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1285672
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.6 20.2 30.4

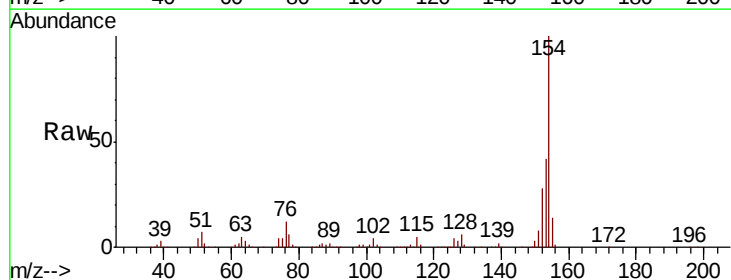


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

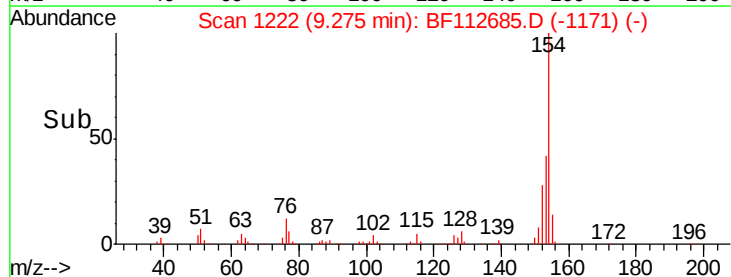
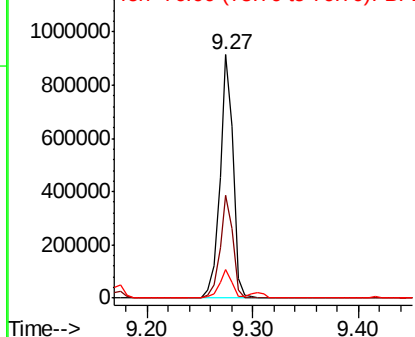


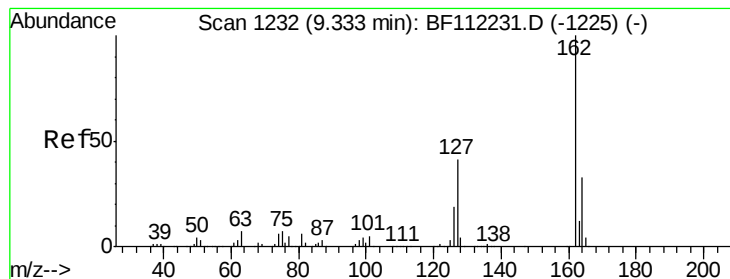
#46
1,1'-Biphenyl
Concen: 40.666 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:154 Resp: 803520
Ion Ratio Lower Upper
154 100
153 42.2 21.5 61.5
76 11.8 0.0 33.1



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





#47

2-Chloronaphthalene

Concen: 39.880 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

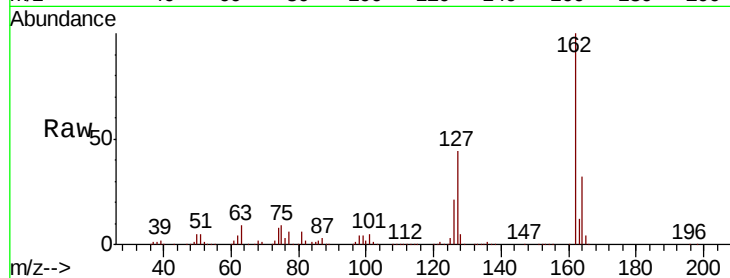
Tot Ion:162 Resp: 611059

Ion Ratio Lower Upper

162 100

127 43.8 30.4 45.6

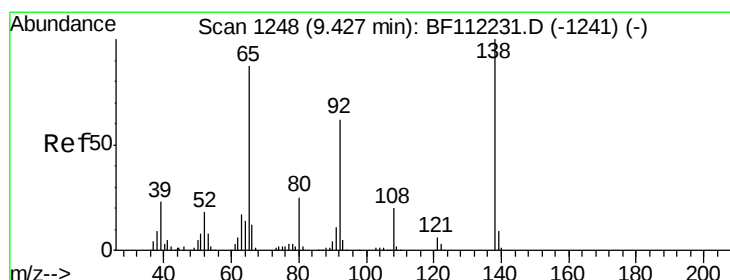
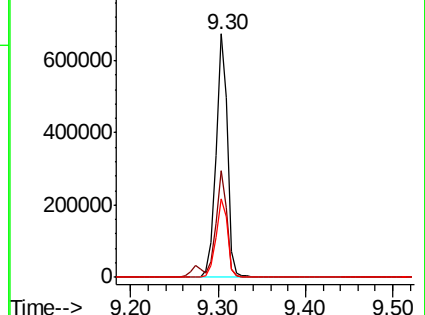
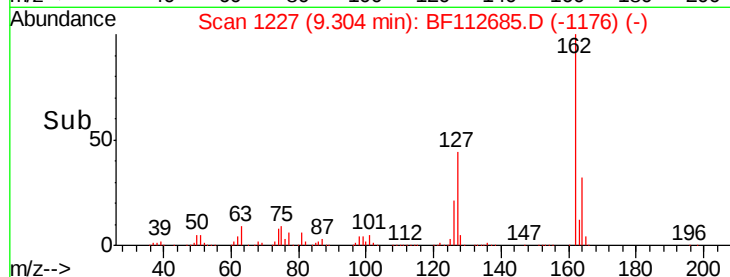
164 32.3 27.4 41.2



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: 42.831 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

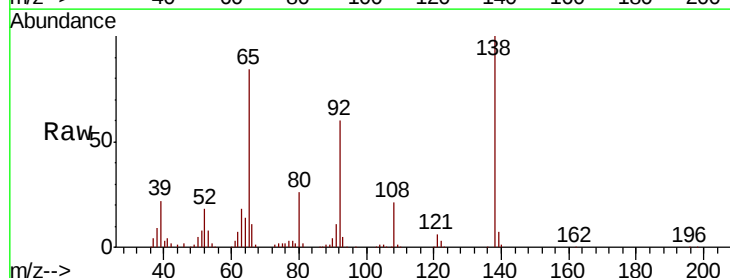
Tgt Ion: 65 Resp: 178873

Ion Ratio Lower Upper

65 100

92 71.8 60.4 90.6

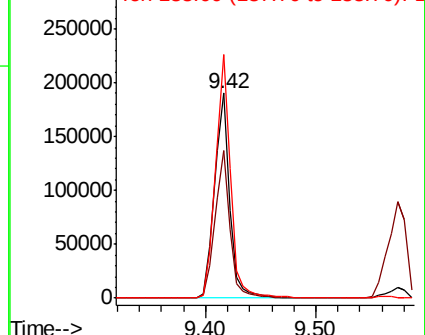
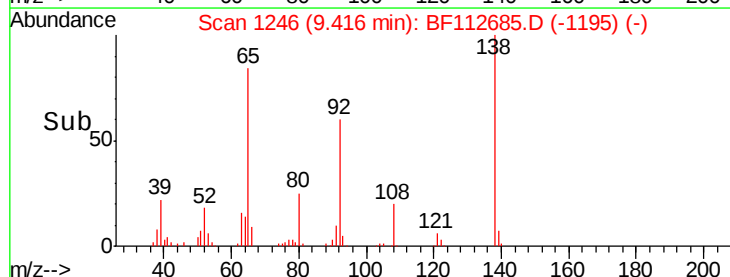
138 118.9 104.4 156.6

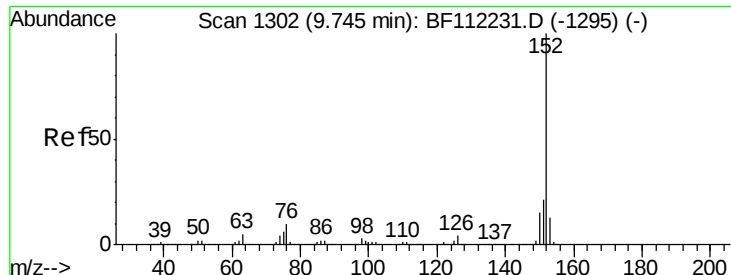


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.500 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

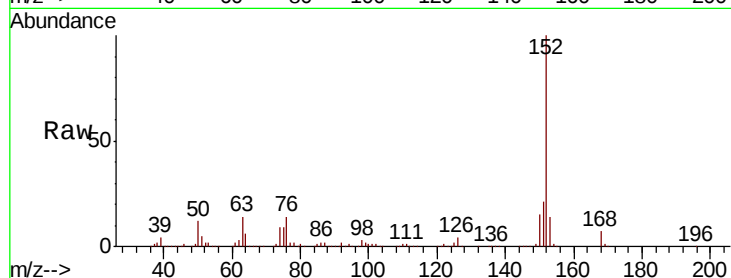
Tot Ion:152 Resp: 887097

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

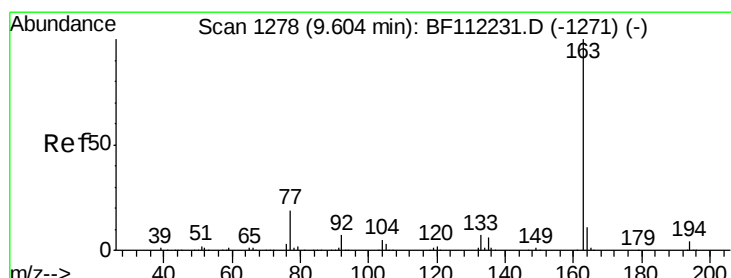
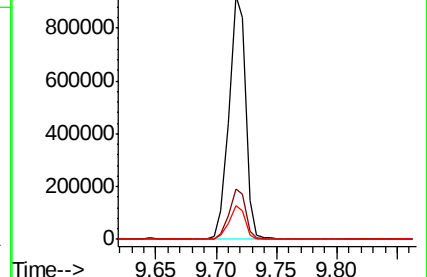
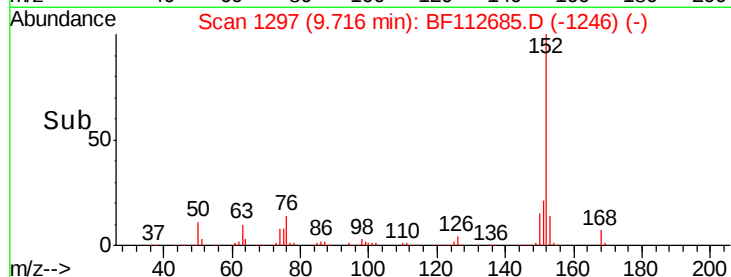
153 13.7 11.2 16.8



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: 39.761 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

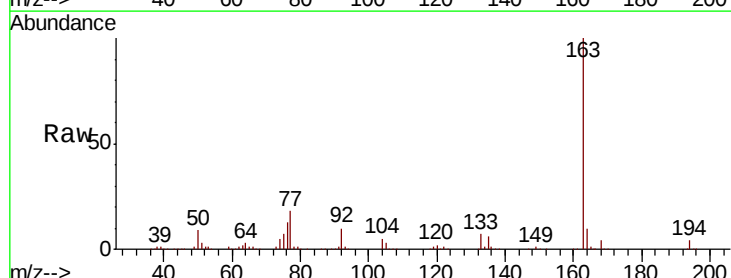
Tgt Ion:163 Resp: 698208

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

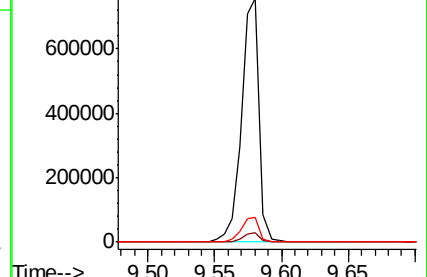
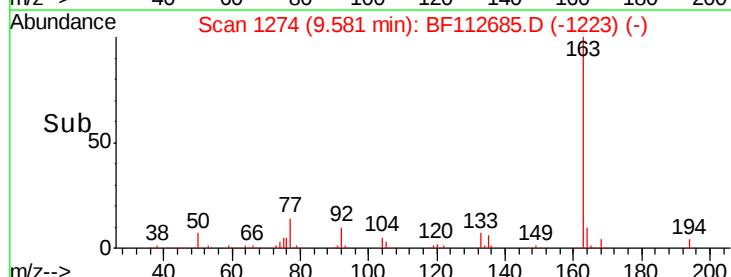
164 10.2 8.5 12.7

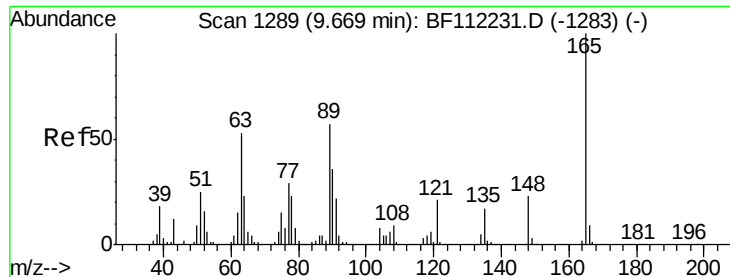


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

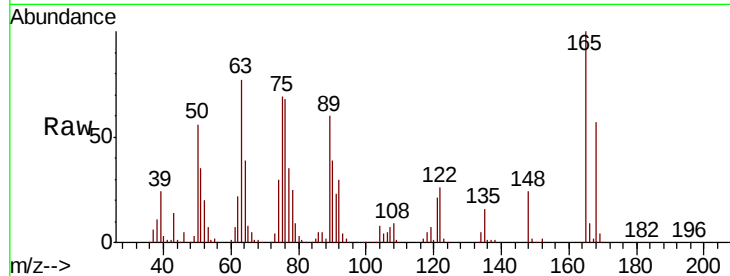




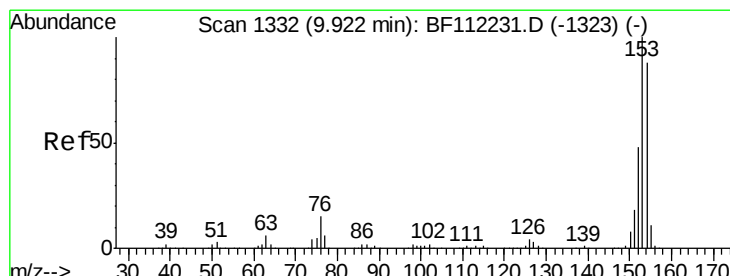
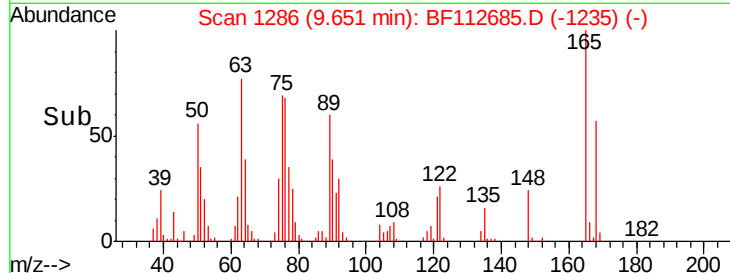
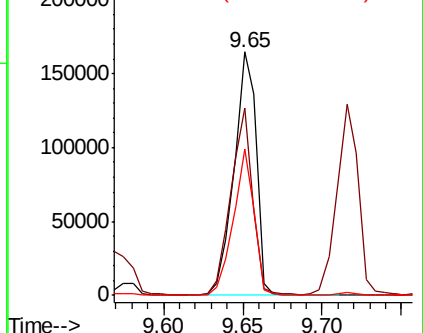
#51
 2,6-Dinitrotoluene
 Concen: 40.841 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 160620
 Ion Ratio Lower Upper
 165 100
 63 76.8 33.8 50.8#
 89 60.2 36.9 55.3#

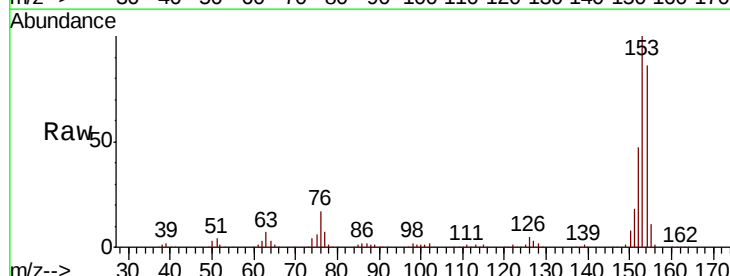


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

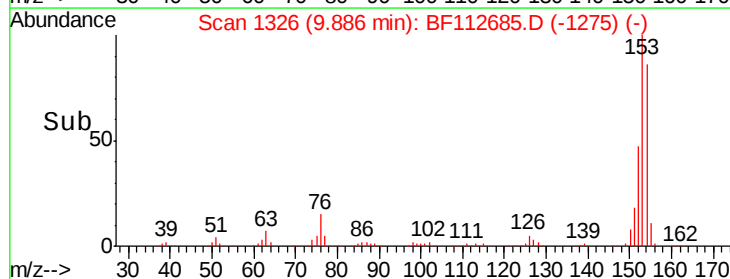
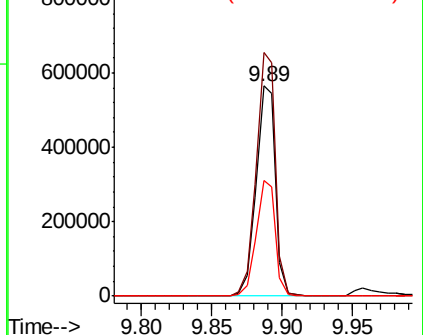


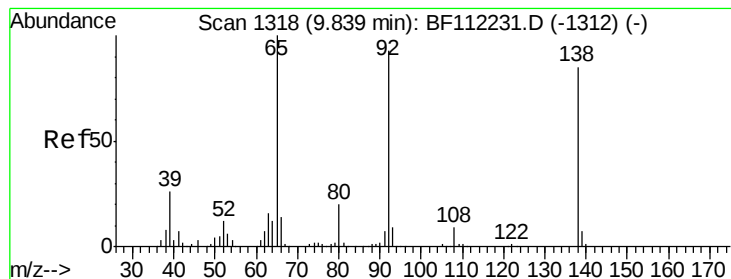
#52
 Acenaphthene
 Concen: 40.791 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:154 Resp: 547245
 Ion Ratio Lower Upper
 154 100
 153 115.9 89.8 134.6
 152 54.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.078 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

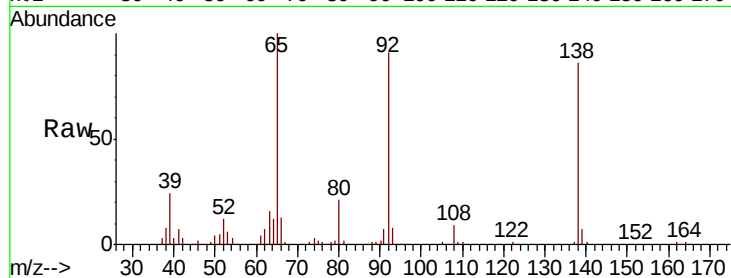
Tot Ion:138 Resp: 175019

Ion Ratio Lower Upper

138 100

108 10.4 9.8 14.6

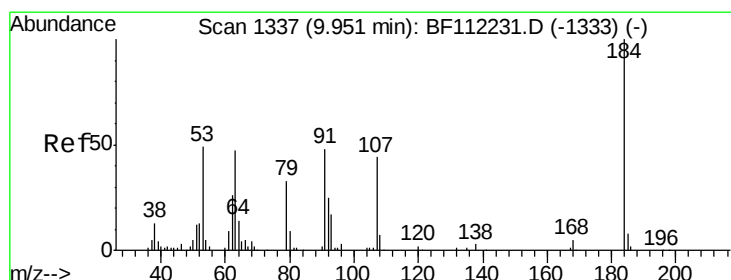
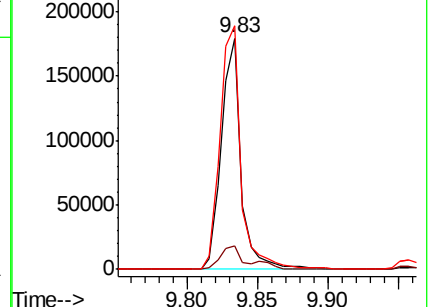
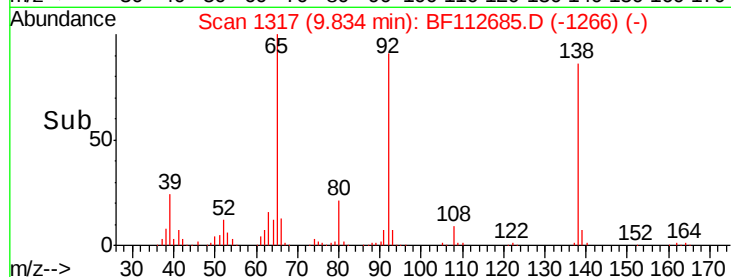
92 105.5 79.4 119.2



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: 39.152 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

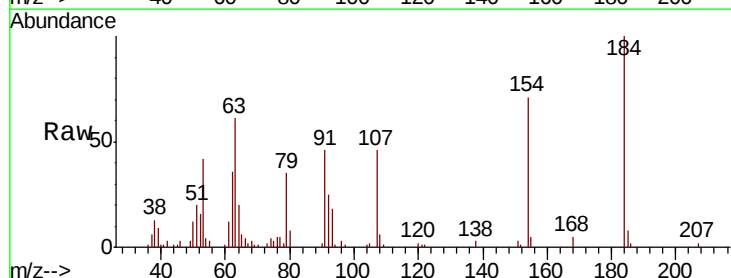
Tgt Ion:184 Resp: 49415

Ion Ratio Lower Upper

184 100

63 60.8 47.1 70.7

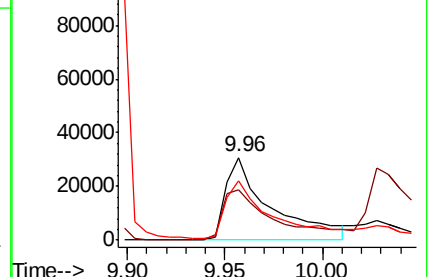
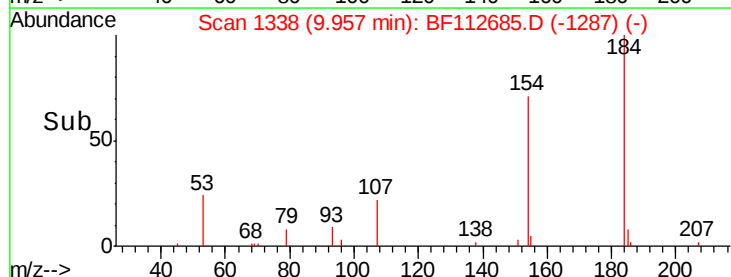
154 71.4 48.9 73.3

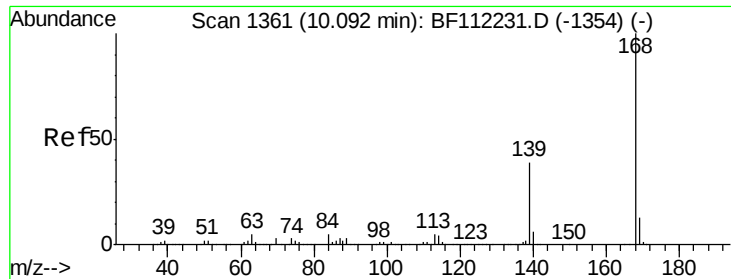


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

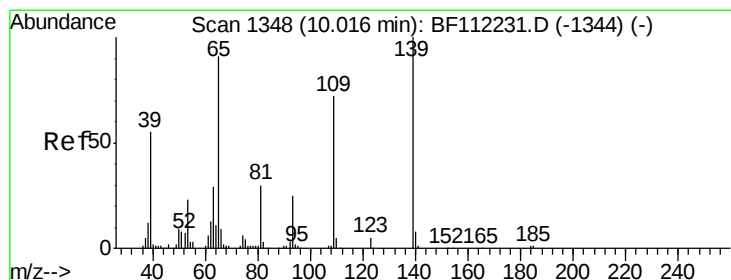
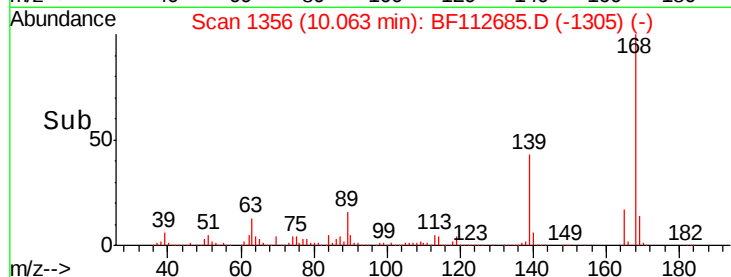
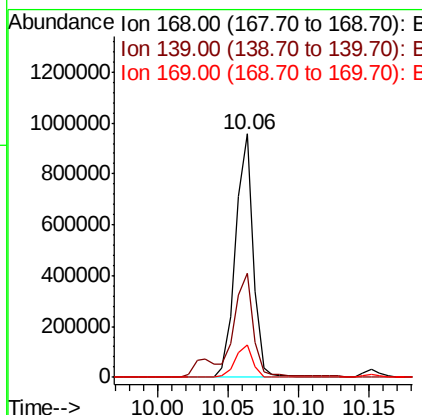
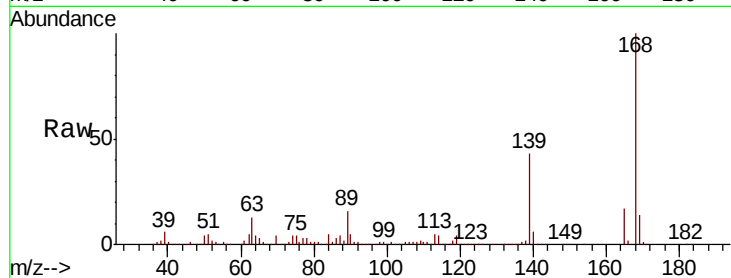




#55
Dibenzenofuran
Concen: 40.515 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

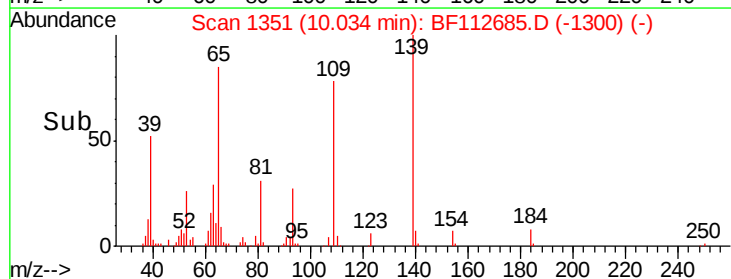
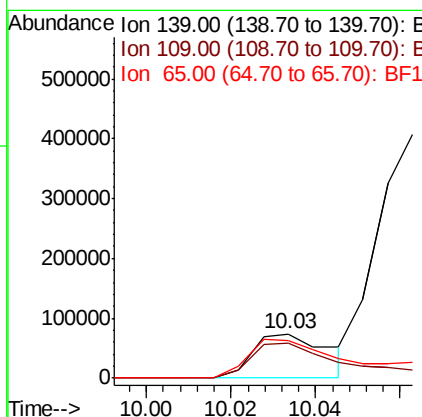
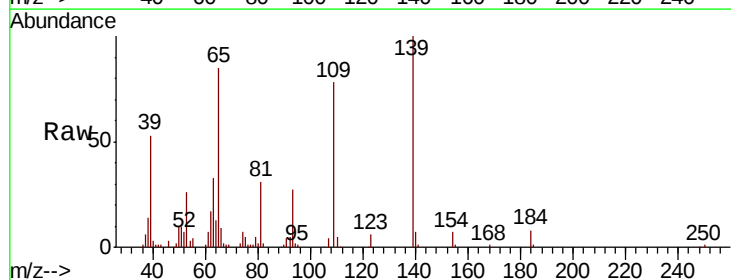
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

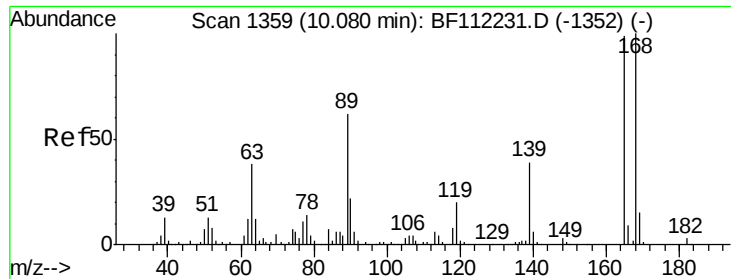
Tot Ion:168 Resp: 830623
Ion Ratio Lower Upper
168 100
139 42.5 29.2 43.8
169 13.6 11.4 17.0



#56
4-Nitrophenol
Concen: 40.978 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:139 Resp: 92307
Ion Ratio Lower Upper
139 100
109 78.2 42.8 82.8
65 85.3 66.1 106.1

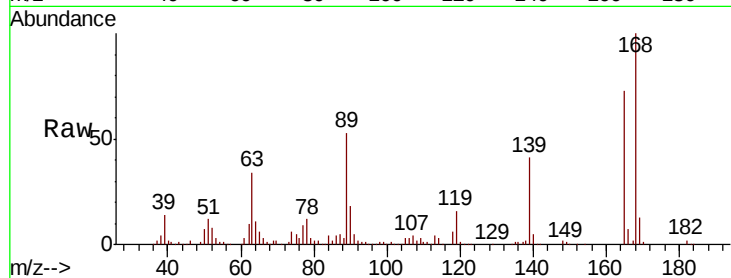




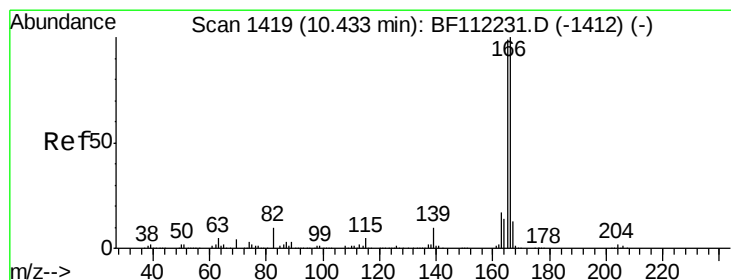
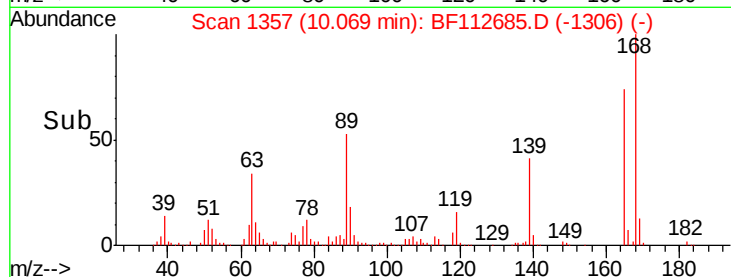
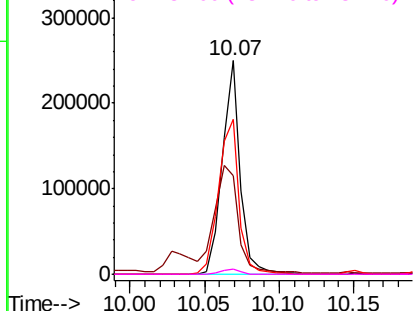
#57
 2,4-Dinitrotoluene
 Concen: 42.289 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	27.9	41.9#
89	72.3	47.9	71.9#
182	2.7	2.2	3.4

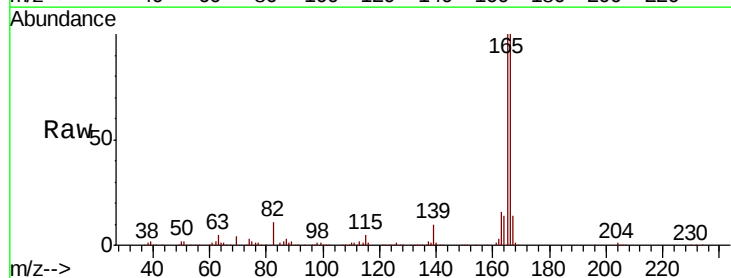


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

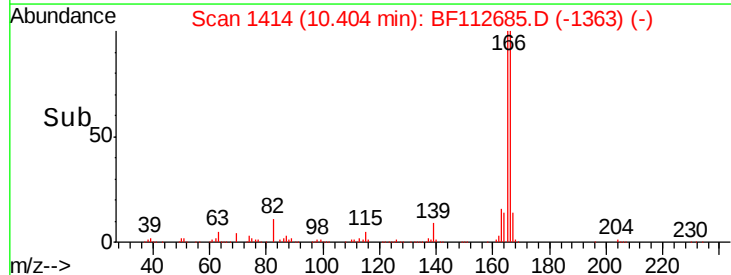
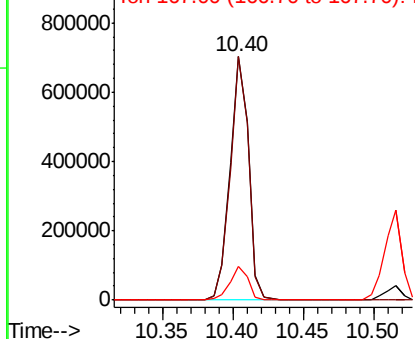


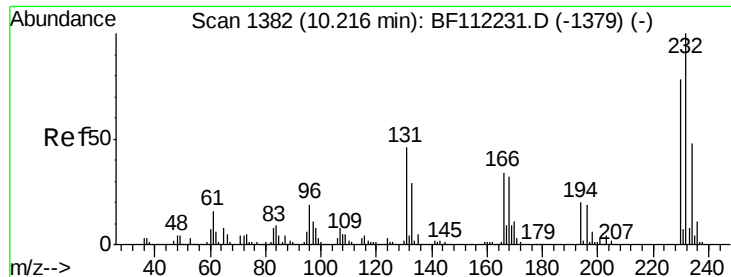
#58
 Fluorene
 Concen: 41.881 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.1	115.7
167	13.6	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

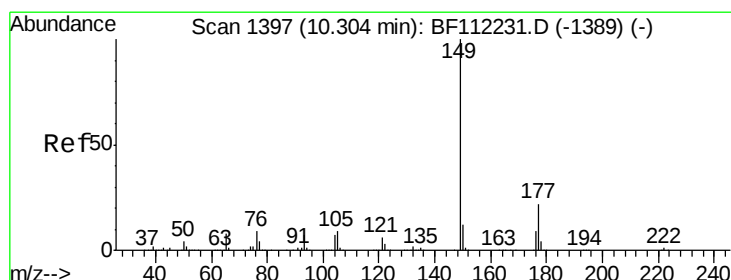
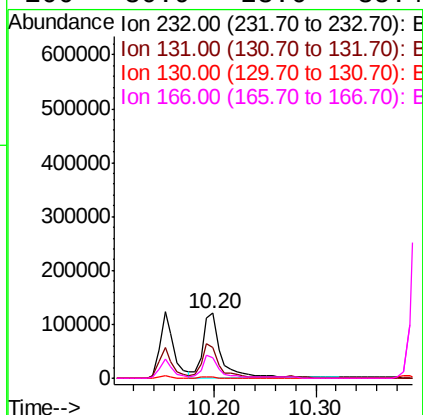
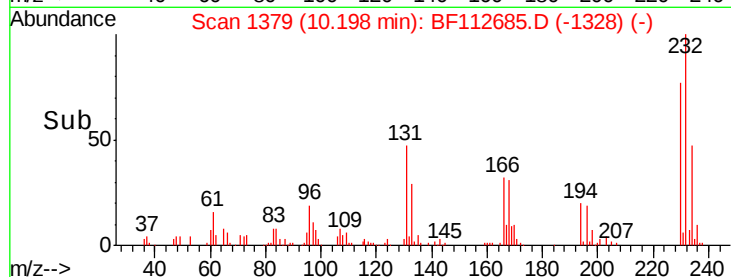
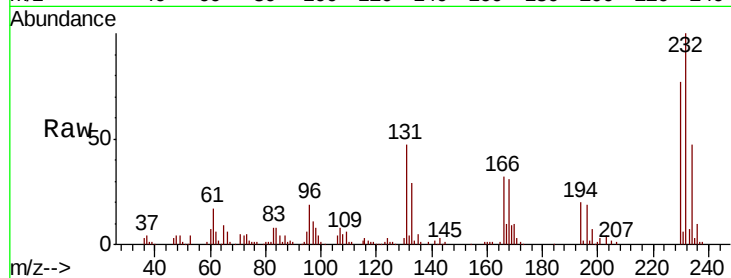




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.291 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

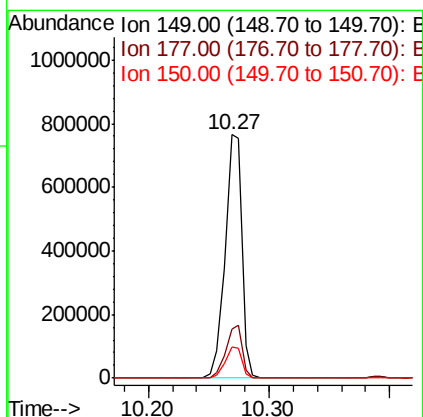
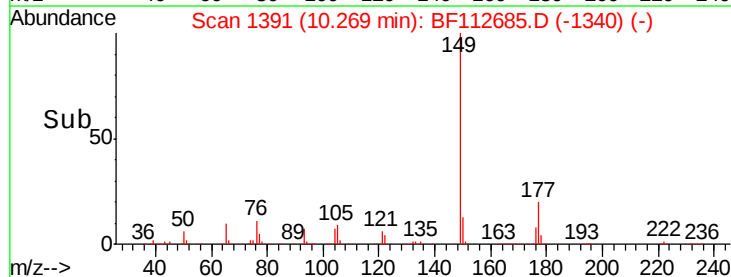
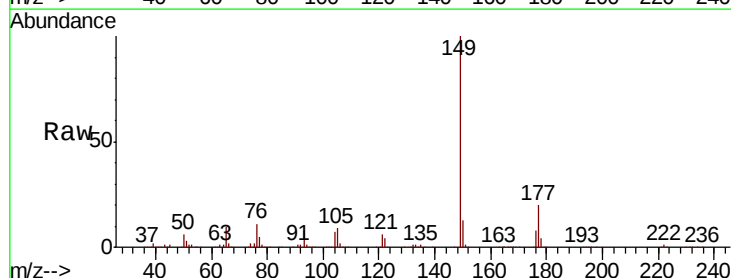
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

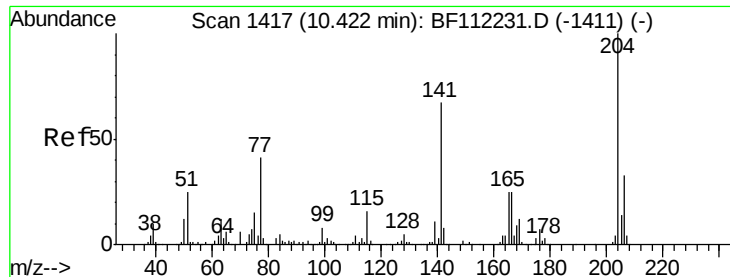
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.1	33.9	50.9#
130	2.8	1.8	2.6#
166	30.9	23.6	35.4



#60
Diethylphthalate
Concen: 42.236 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	18.2	27.2
150	12.6	10.4	15.6

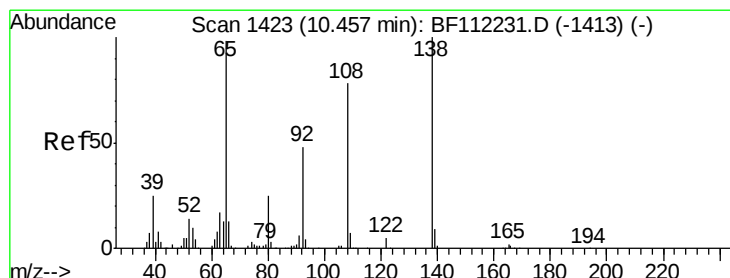
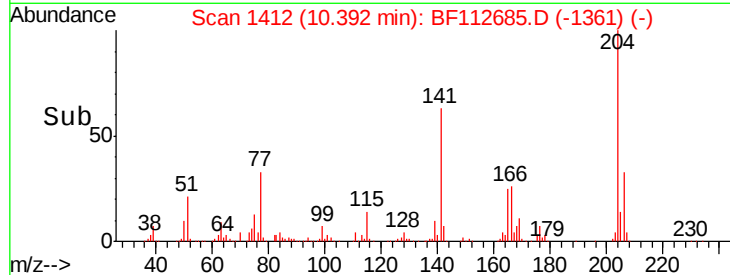
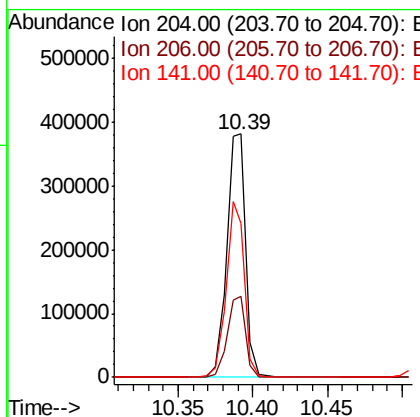
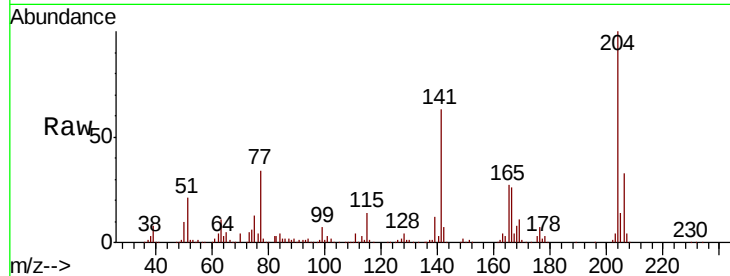




#61
 4-Chlorophenyl-phenylether
 Concen: 41.209 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

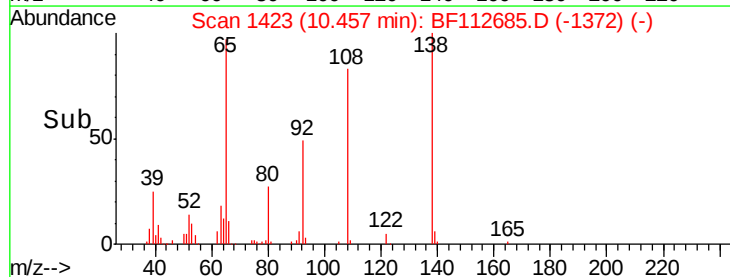
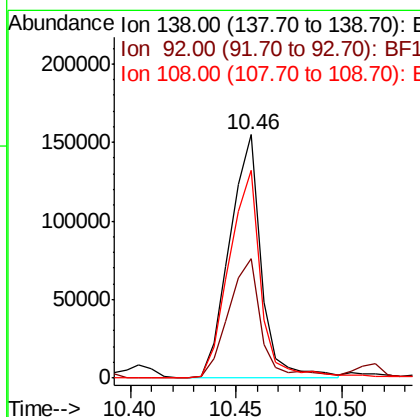
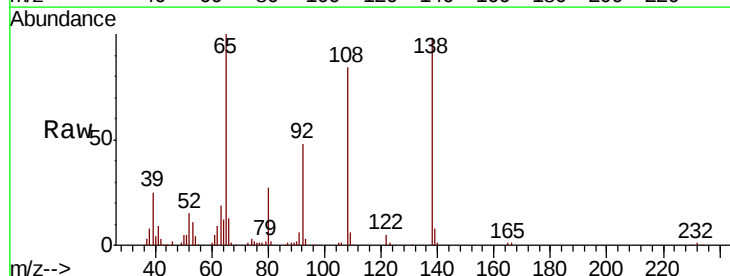
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

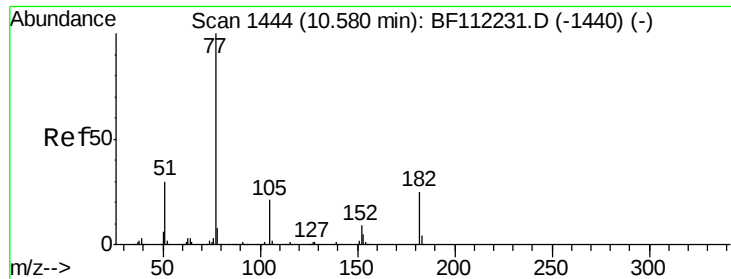
Tot Ion:	204	Resp:	343912
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	63.2	45.9	68.9



#62
 4-Nitroaniline
 Concen: 38.362 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:	138	Resp:	160318
Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.6	70.6
108	85.1	50.0	90.0





#63

Azobenzene

Concen: 43.420 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 665462

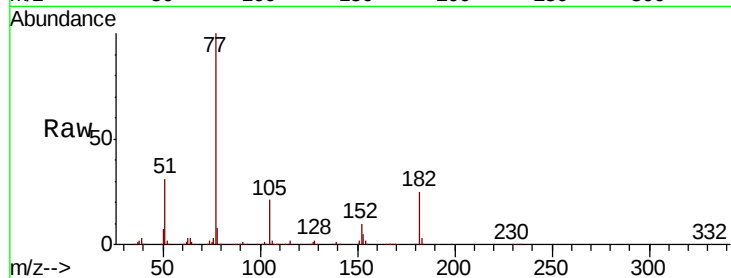
Ion Ratio Lower Upper

77 100

182 24.8 5.7 45.7

105 20.8 1.4 41.4

51 31.2 9.5 49.5

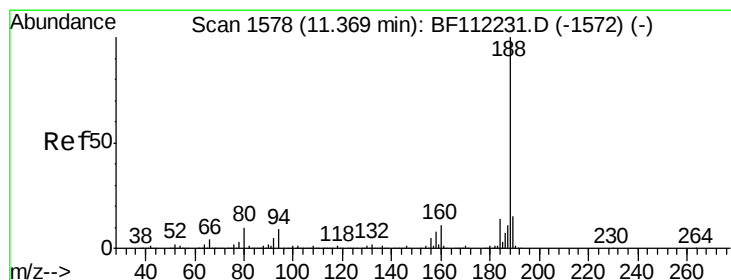
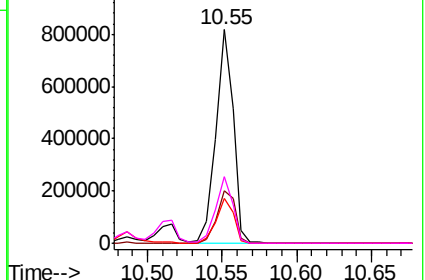
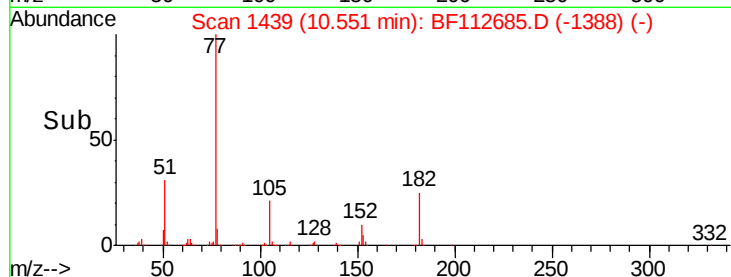


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

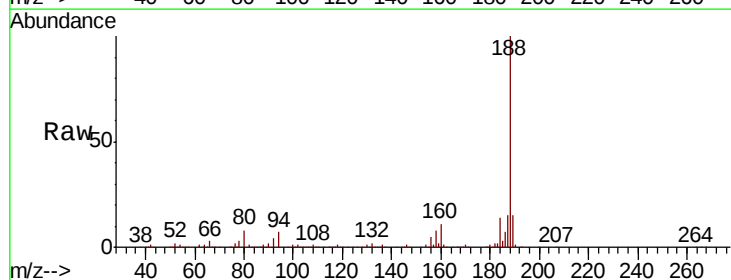
Tgt Ion: 188 Resp: 441330

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

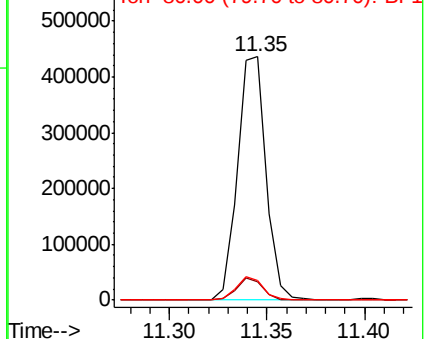
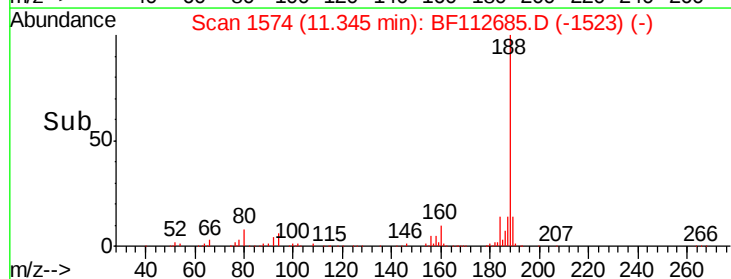
80 7.9 8.9 13.3#

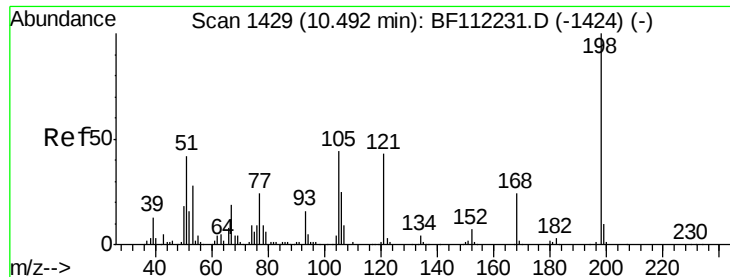


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

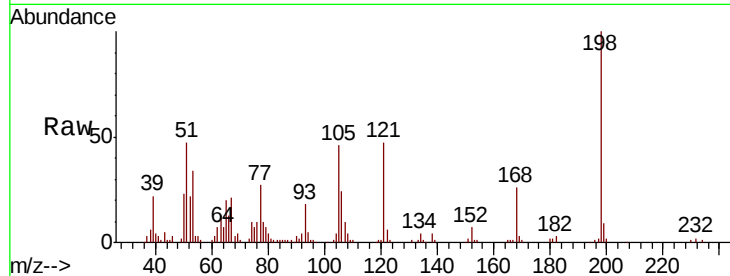




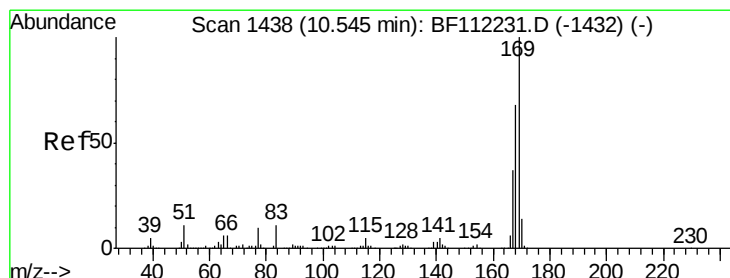
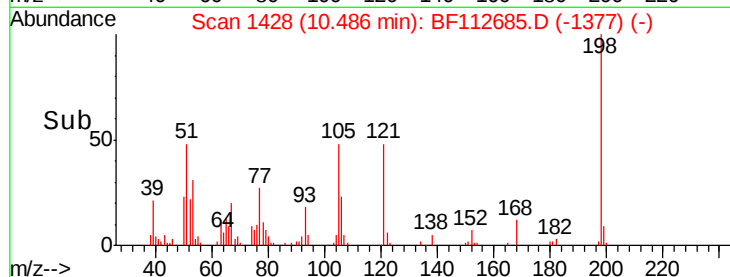
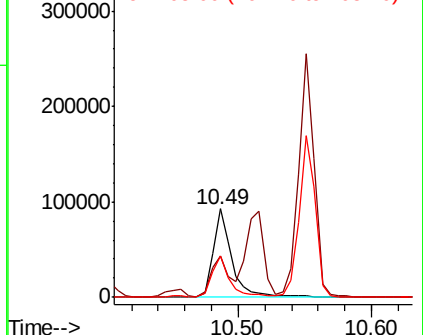
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.005 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 91564
 Ion Ratio Lower Upper
 198 100
 51 47.2 17.2 57.2
 105 46.5 21.9 61.9

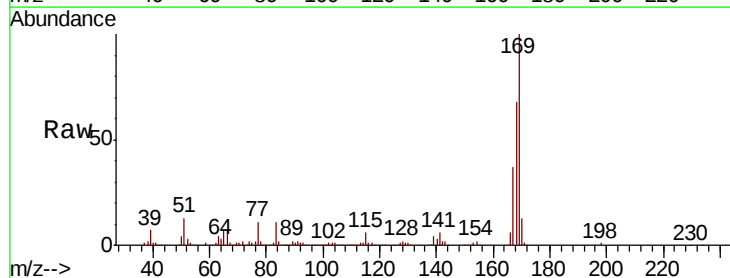


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

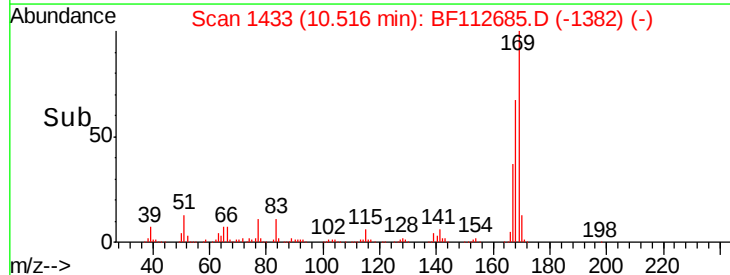
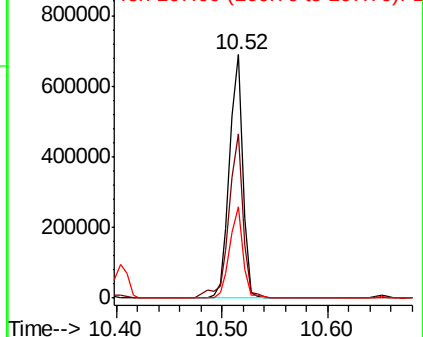


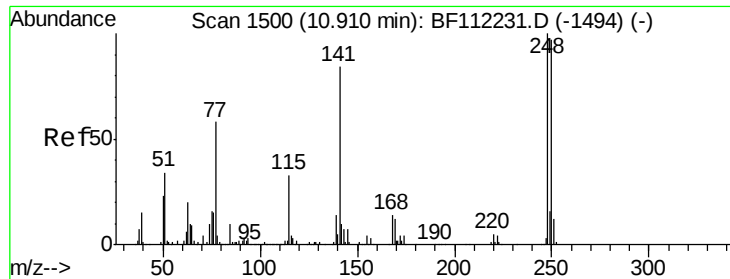
#66
 n-Nitrosodiphenylamine
 Concen: 40.651 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:169 Resp: 604651
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 37.5 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

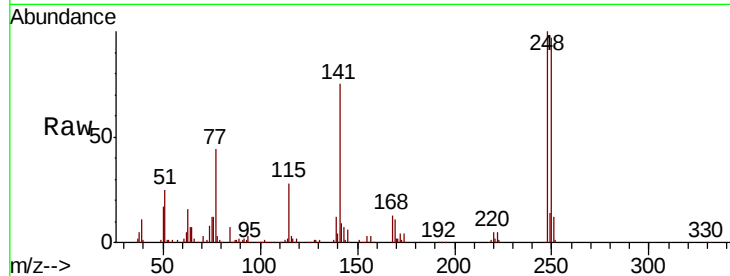




#67
 4-Bromophenyl-phenylether
 Concen: 39.987 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.7	119.5
141	75.5	60.3	90.5

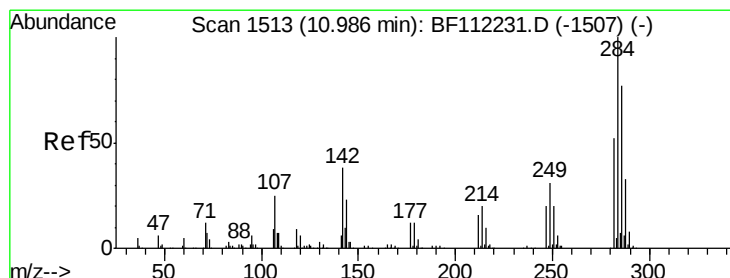
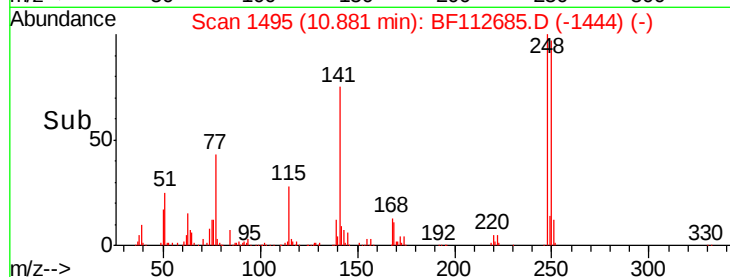
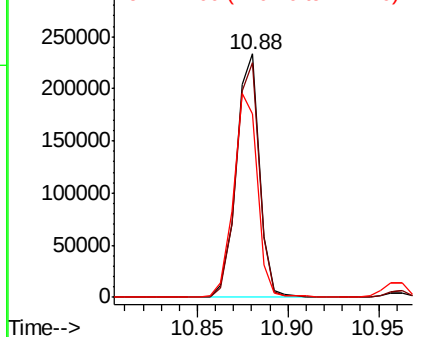


Abundance

Ion 248.00 (247.70 to 248.70): E

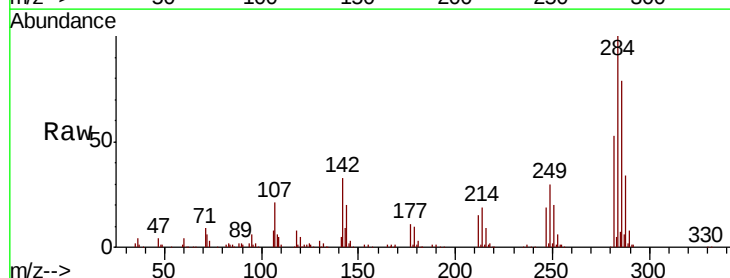
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.819 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.6	41.4
249	30.0	24.1	36.1

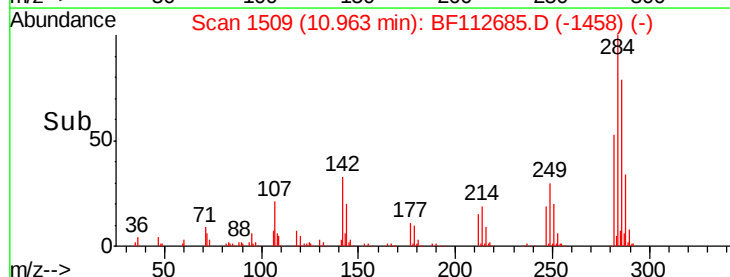
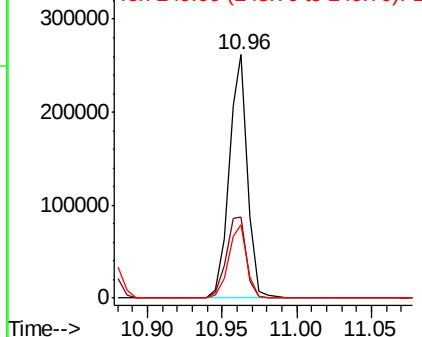


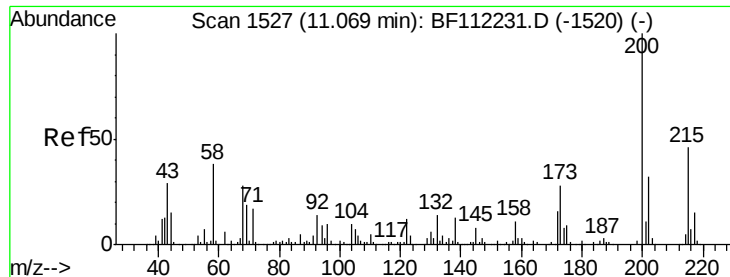
Abundance

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: 32.906 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

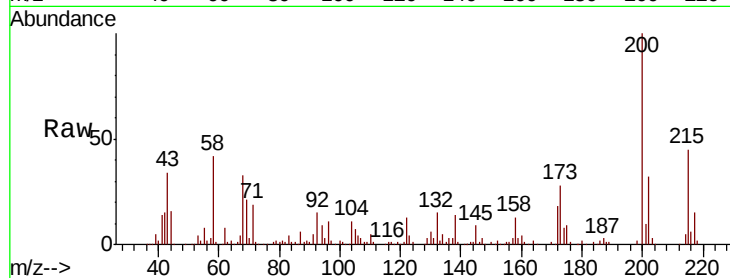
Tot Ion:200 Resp: 157928

Ion Ratio Lower Upper

200 100

173 28.1 7.1 47.1

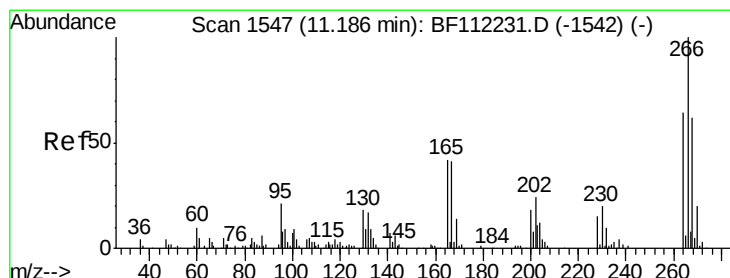
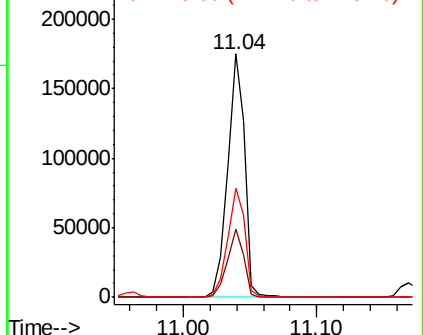
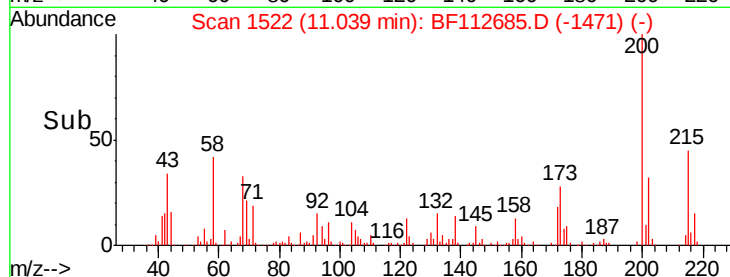
215 44.7 30.4 70.4



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: 40.421 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

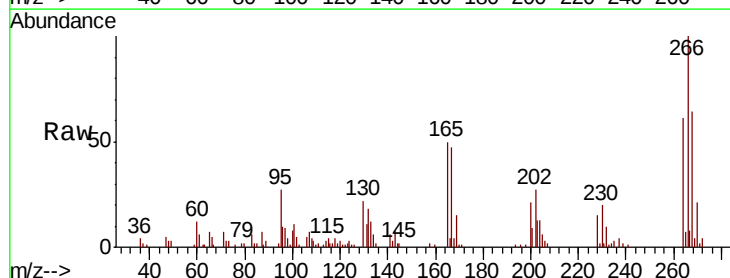
Tgt Ion:266 Resp: 87588

Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

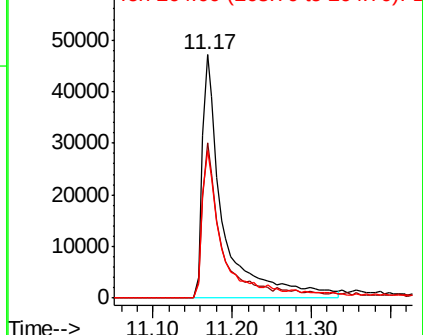
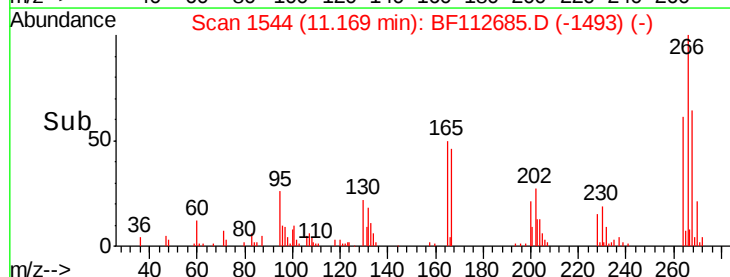
264 60.9 50.9 76.3

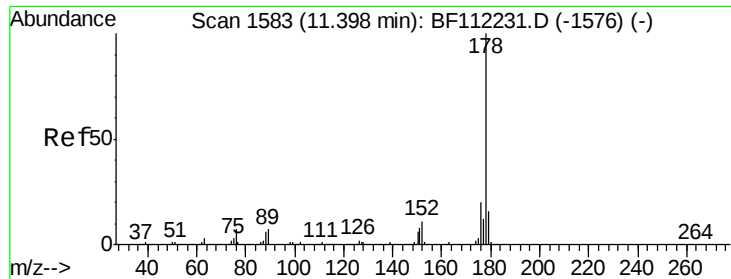


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

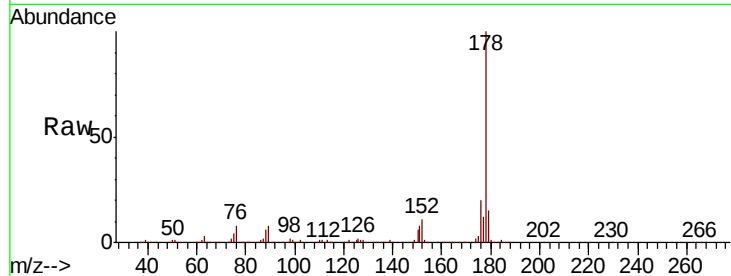




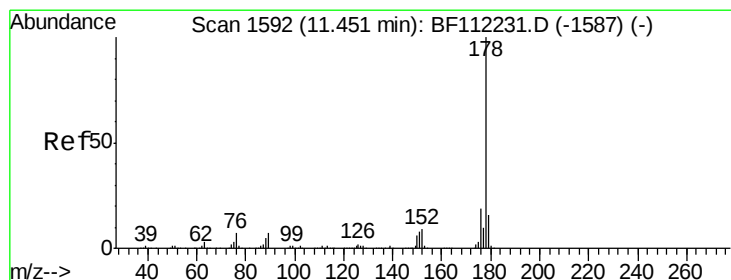
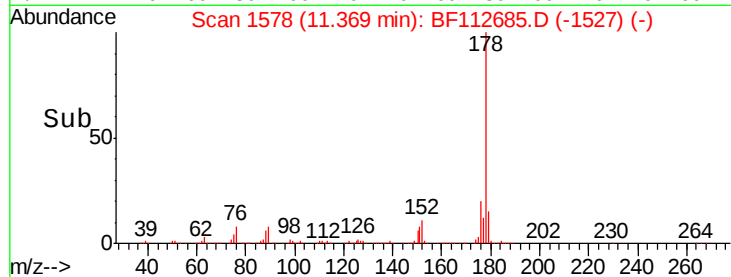
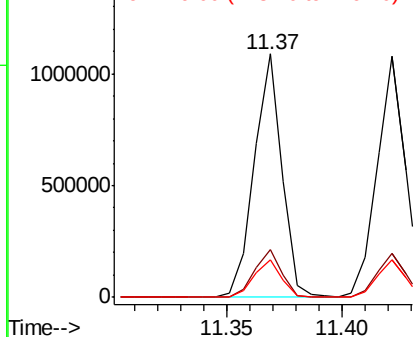
#71
Phenanthrene
Concen: 39.858 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 914504
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 15.3 13.0 19.4

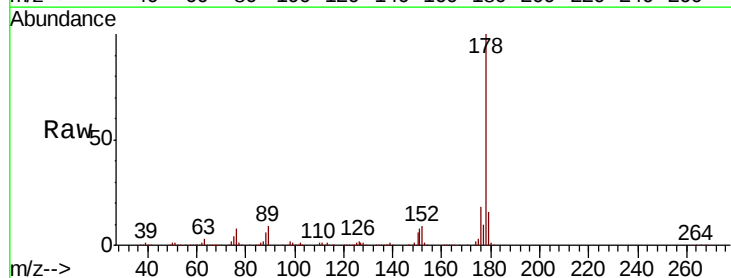


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

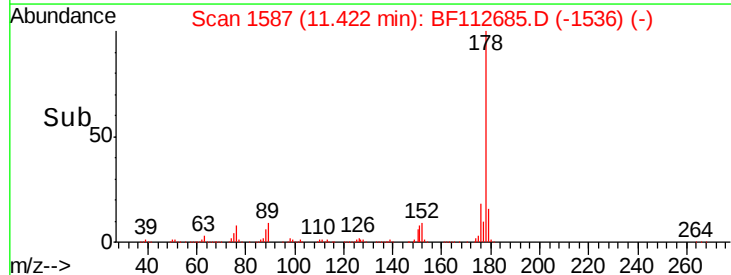
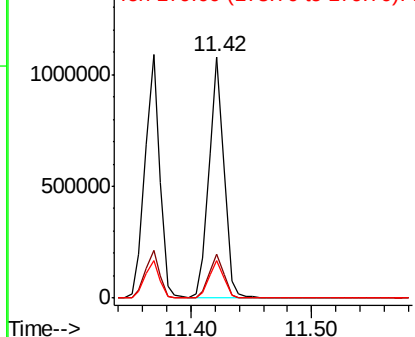


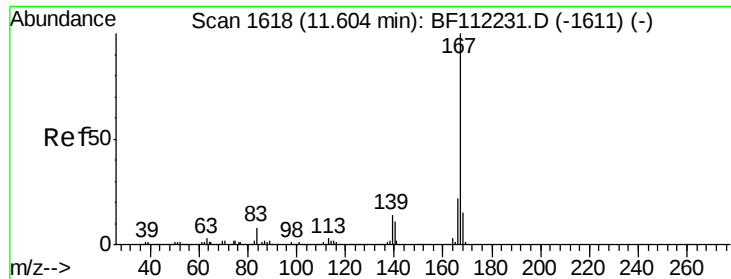
#72
Anthracene
Concen: 40.433 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:178 Resp: 924111
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

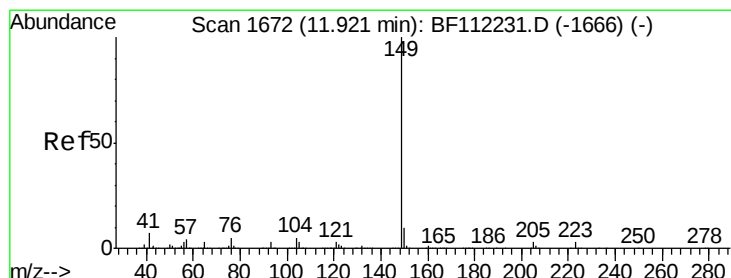
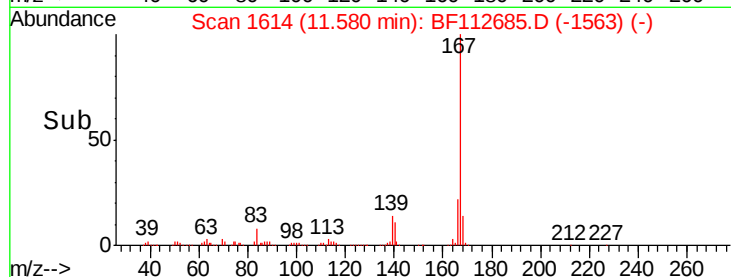
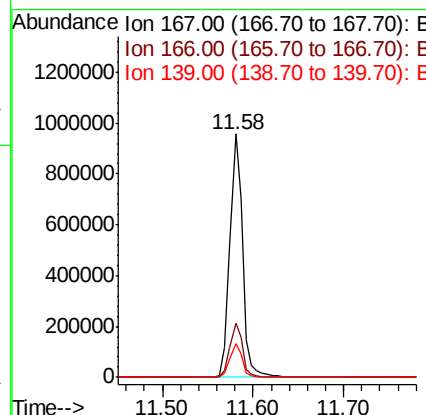
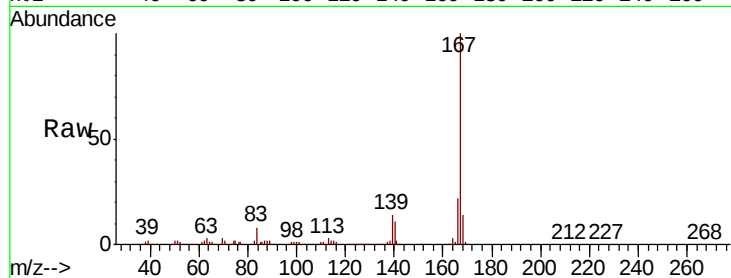




#73
 Carbazole
 Concen: 40.463 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

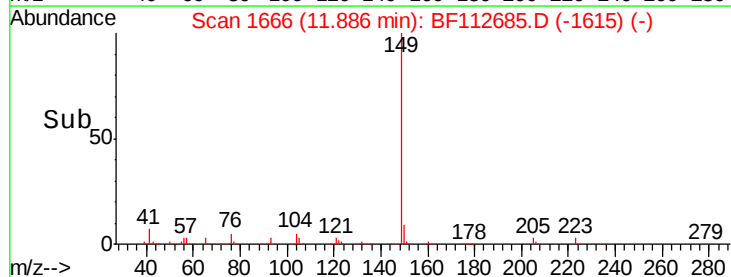
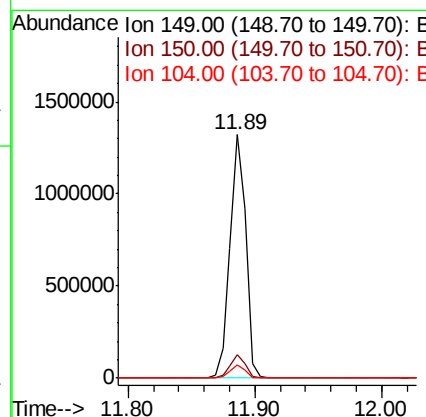
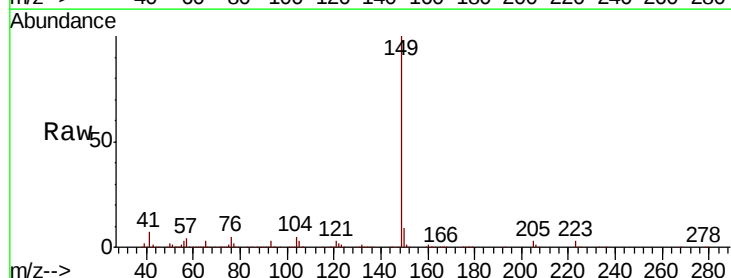
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

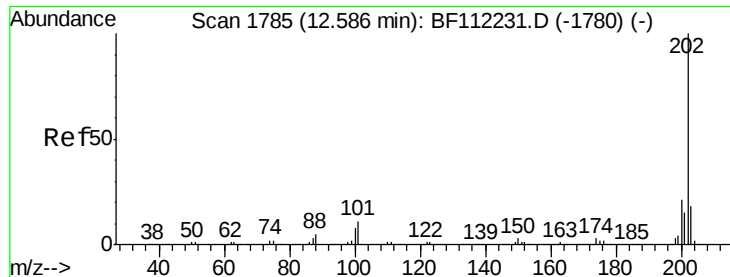
Tot Ion:167 Resp: 912223
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 40.549 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:149 Resp: 1134702
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 5.4 3.9 5.9





#75

Fluoranthene

Concen: 37.209 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

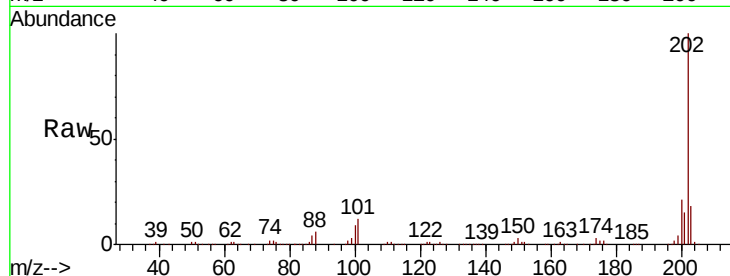
Tot Ion:202 Resp: 915680

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.8

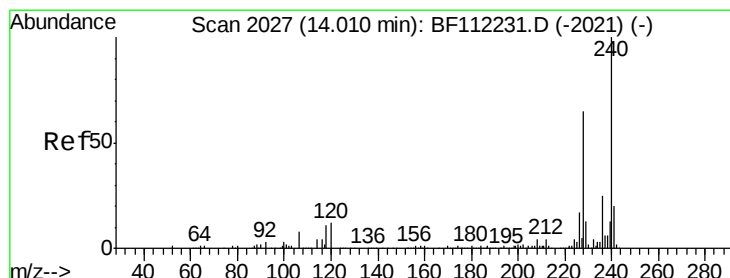
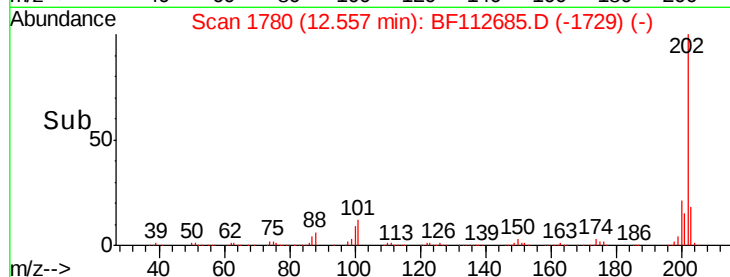
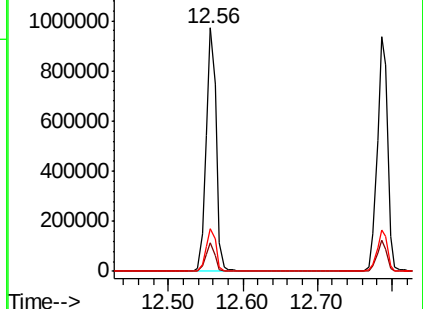
203 17.6 0.0 38.4



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: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

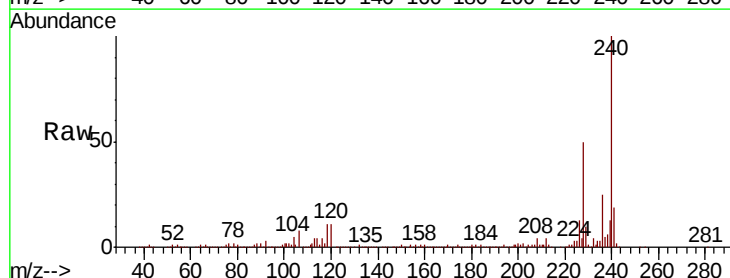
Tgt Ion:240 Resp: 294527

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

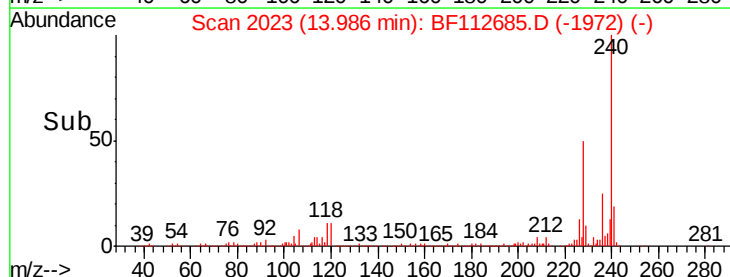
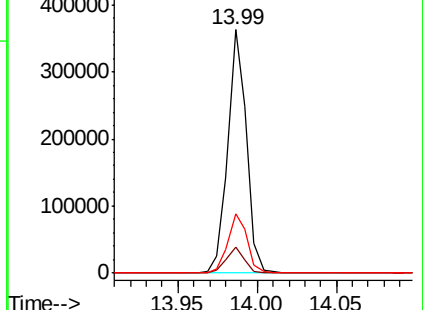
236 24.5 20.7 31.1

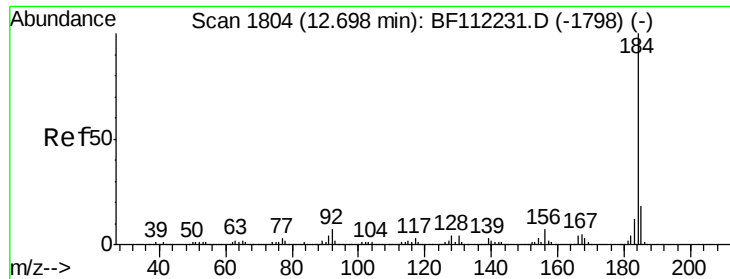


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

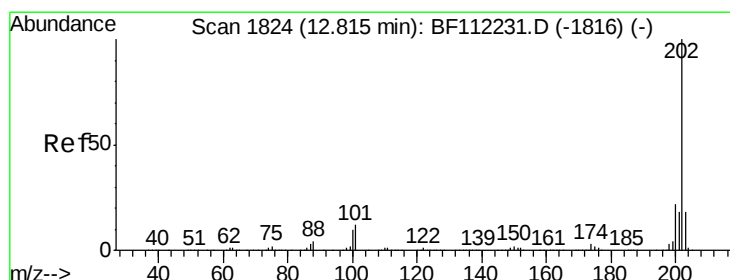
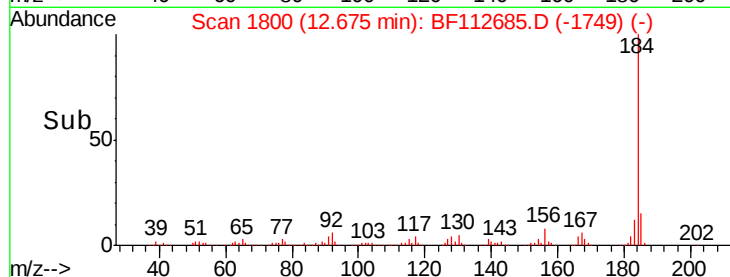
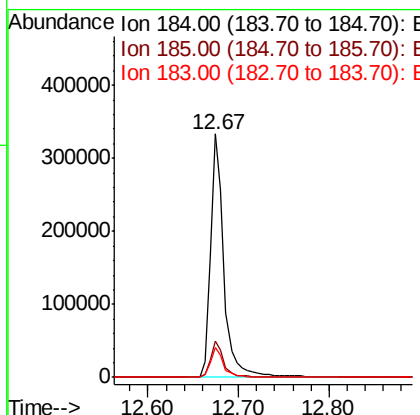
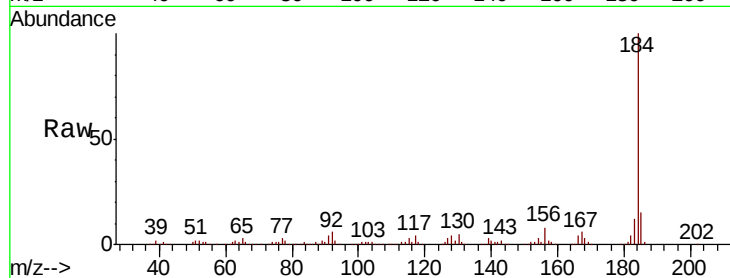




#77
Benzidine
Concen: 42.602 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

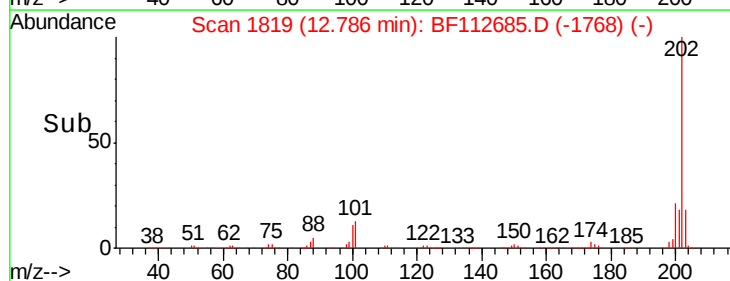
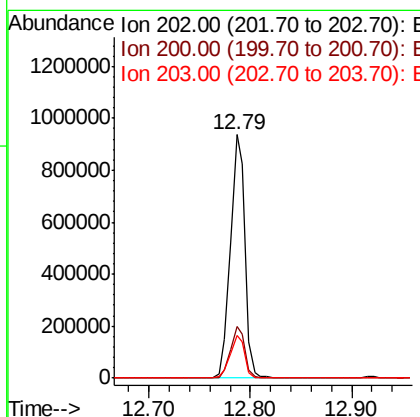
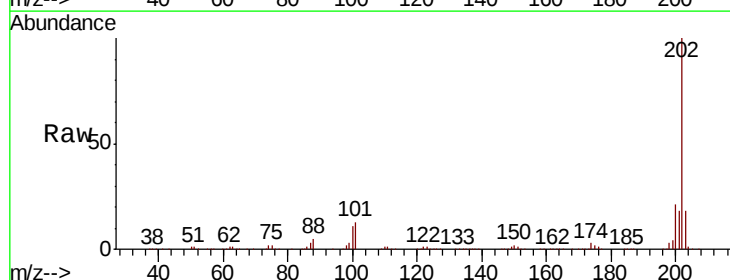
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 345346
Ion Ratio Lower Upper
184 100
185 14.8 13.9 20.9
183 12.5 10.0 15.0



#78
Pyrene
Concen: 45.632 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:202 Resp: 930499
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.7 14.6 22.0

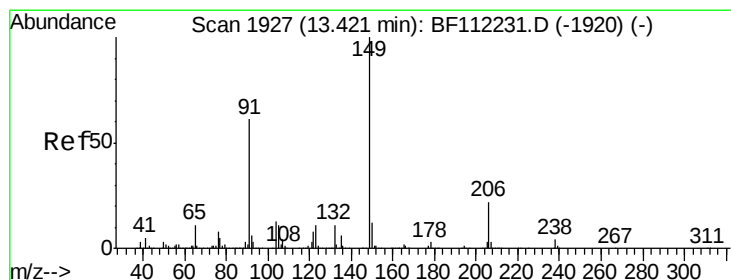
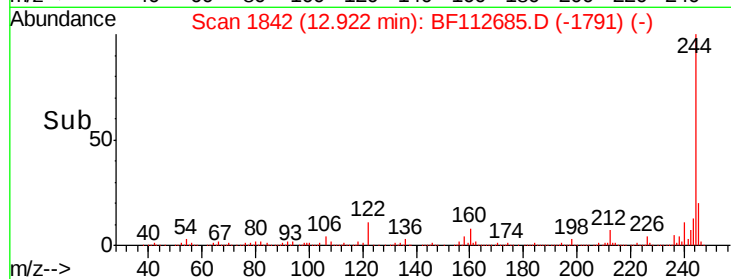
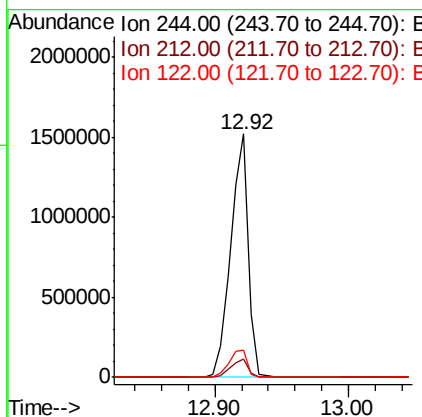
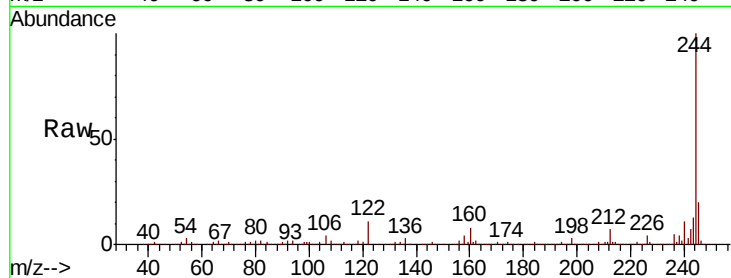




#79
 Terphenyl-d14
 Concen: 90.266 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

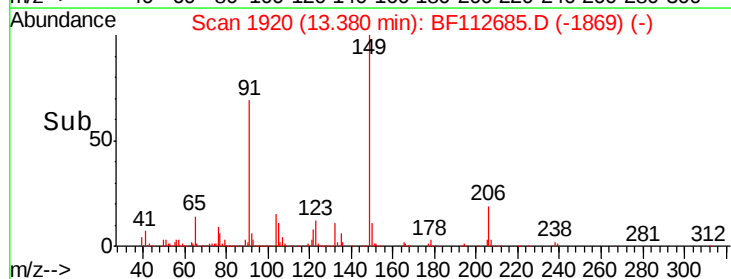
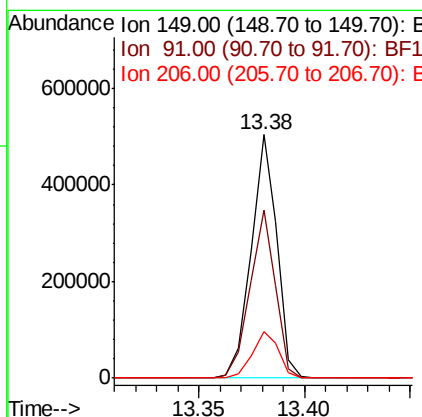
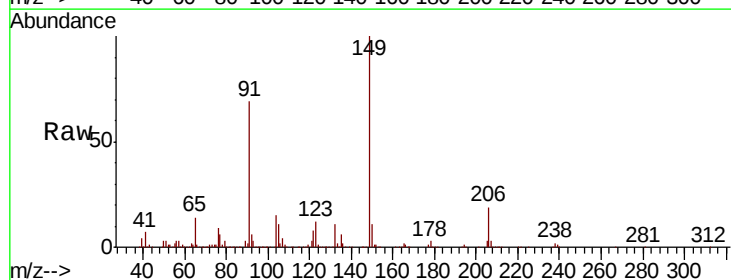
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

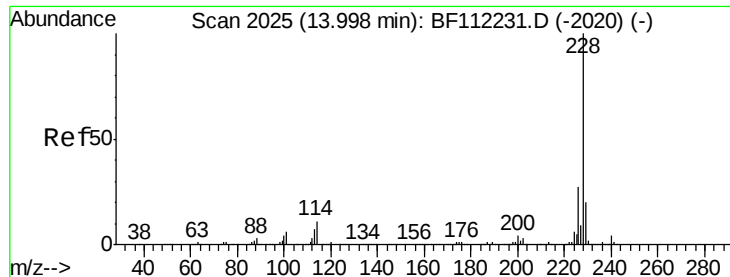
Tot Ion:244 Resp: 1411554
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.2 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 43.168 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF112685.D
 Acq: 25 Feb 2019 11:24

Tgt Ion:149 Resp: 425882
 Ion Ratio Lower Upper
 149 100
 91 69.0 50.3 75.5
 206 18.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 39.733 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

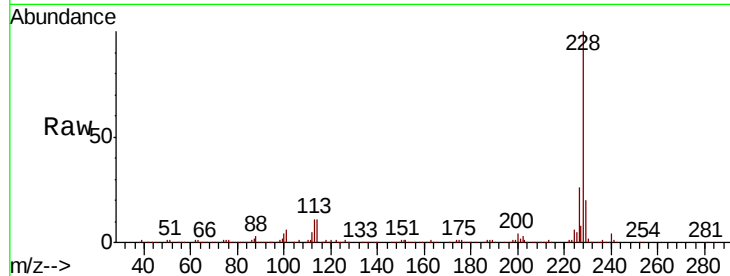
Tot Ion:228 Resp: 687935

Ion Ratio Lower Upper

228 100

226 26.3 22.6 34.0

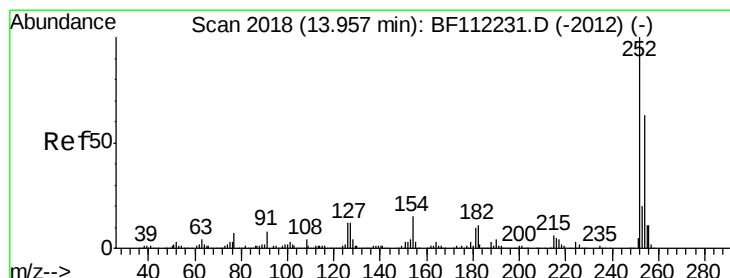
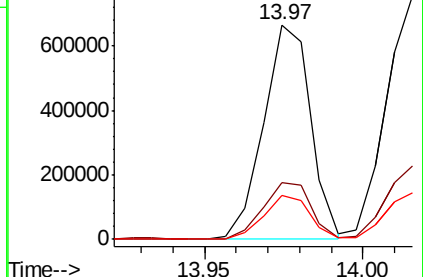
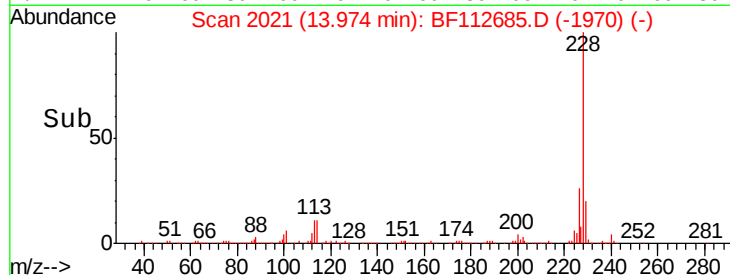
229 20.3 16.5 24.7



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: 38.822 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

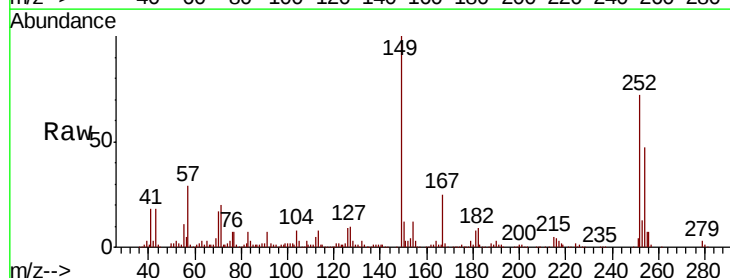
Tgt Ion:252 Resp: 251555

Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

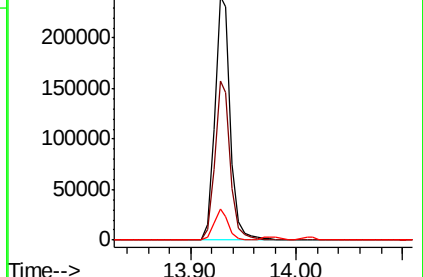
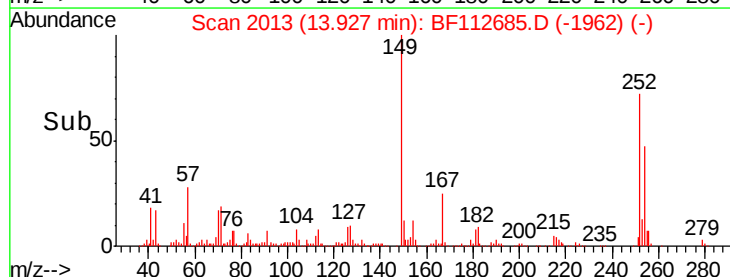
126 12.7 8.6 12.8



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: 40.029 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

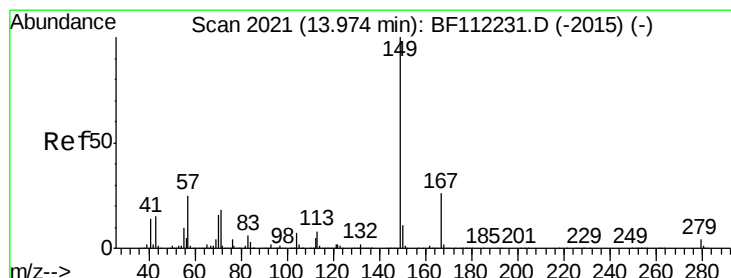
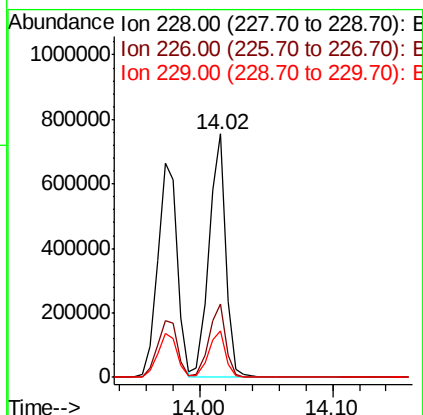
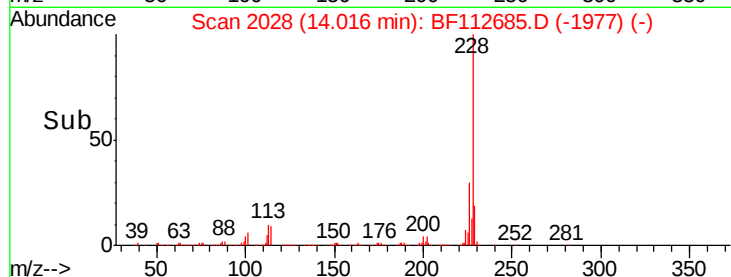
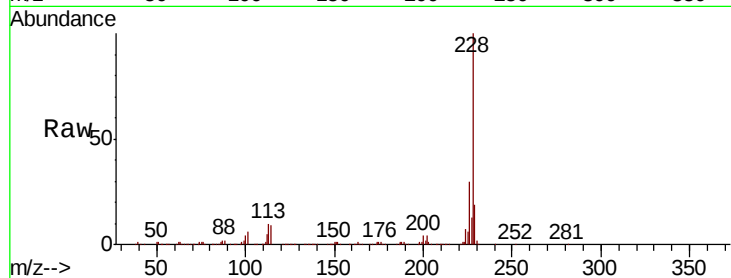
Tot Ion:228 Resp: 661554

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.1 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.903 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

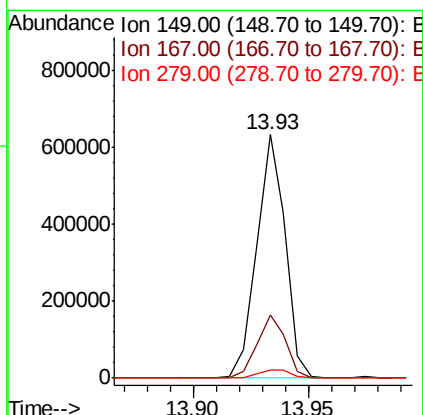
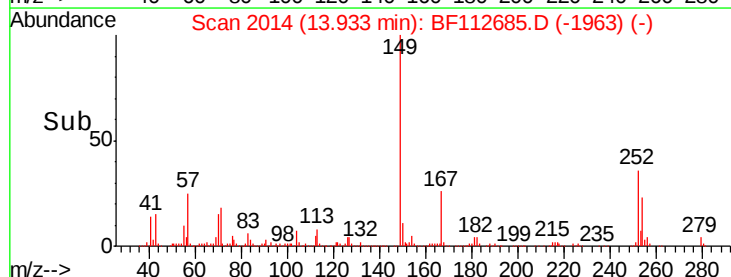
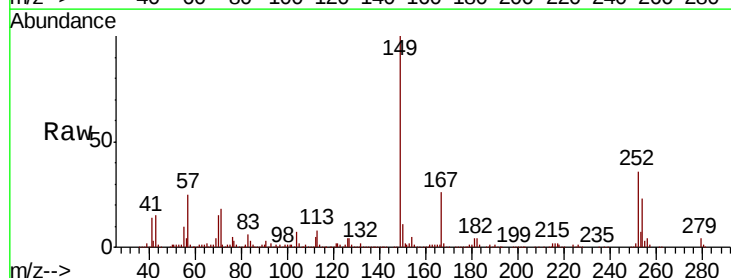
Tgt Ion:149 Resp: 544810

Ion Ratio Lower Upper

149 100

167 25.9 22.5 33.7

279 3.6 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 36.394 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

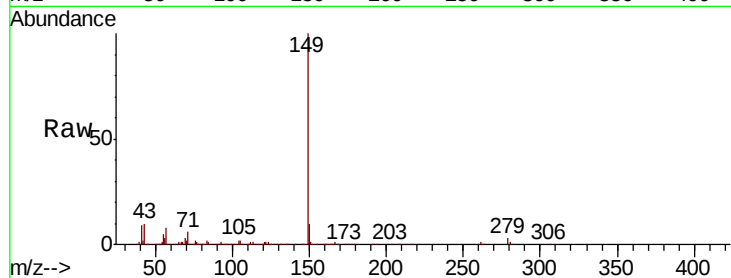
Tot Ion:149 Resp: 784146

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

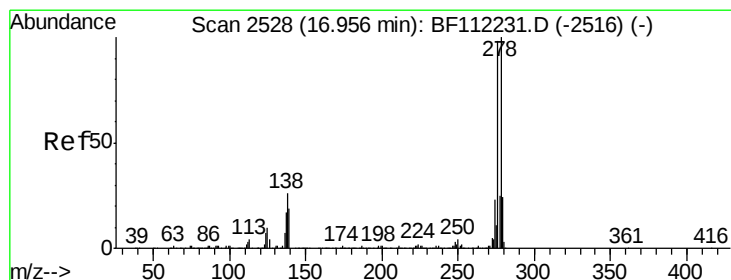
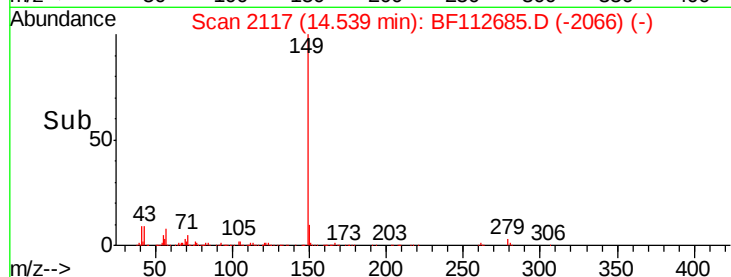
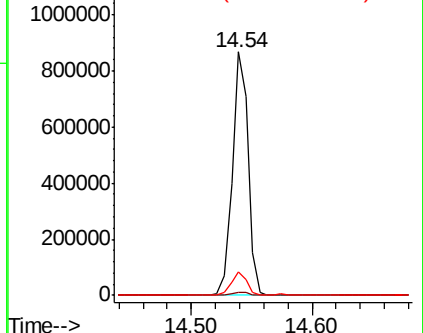
43 9.1 7.8 11.6



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: 43.575 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

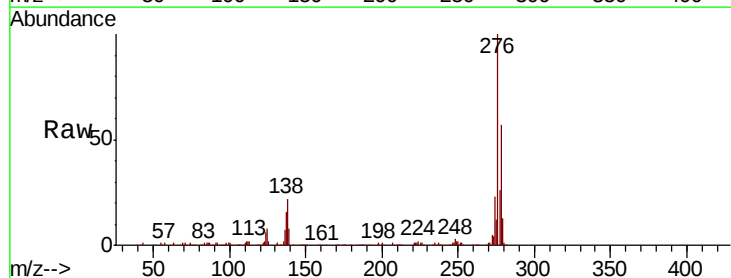
Tgt Ion:276 Resp: 570639

Ion Ratio Lower Upper

276 100

138 24.9 22.6 34.0

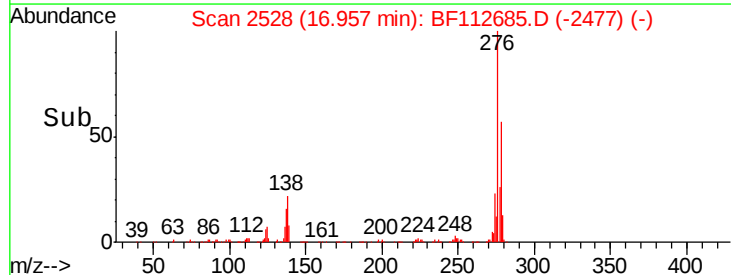
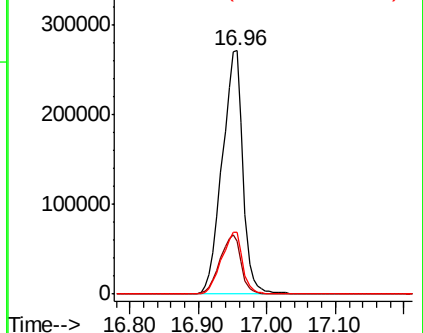
277 26.0 20.3 30.5

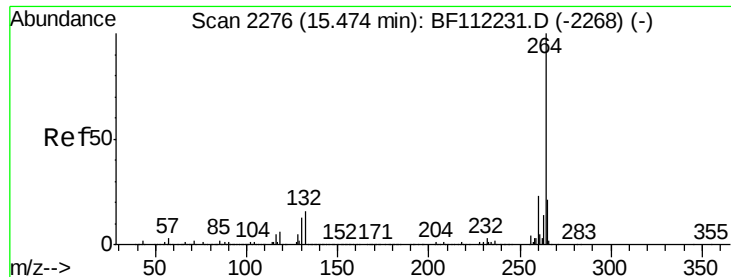


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

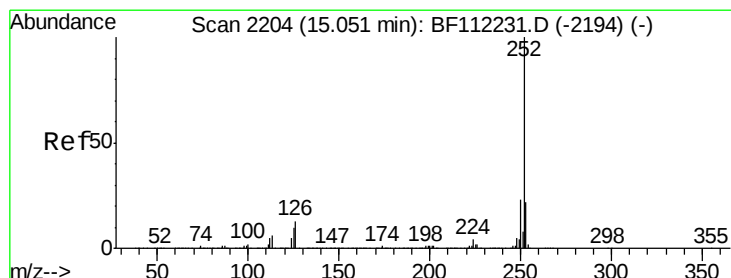
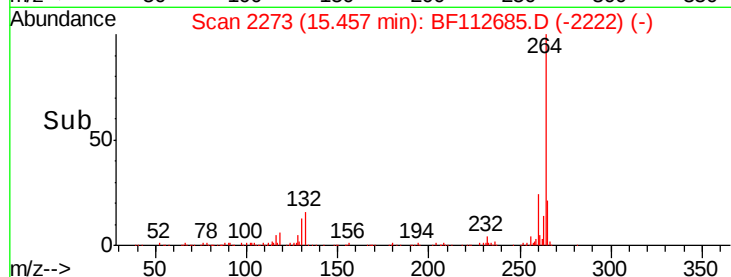
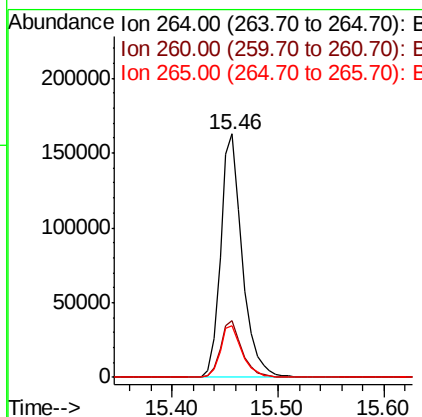
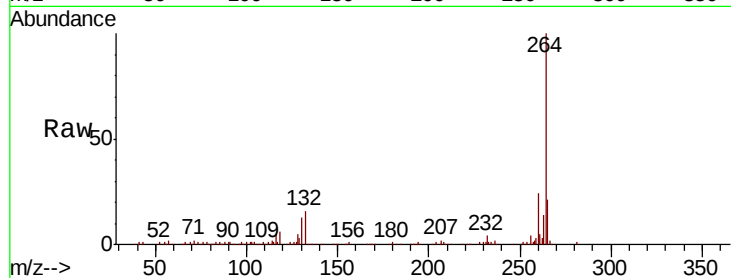




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

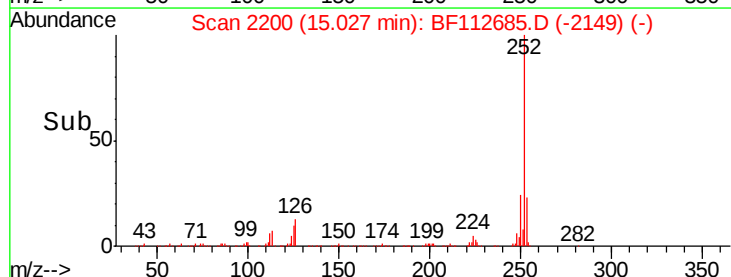
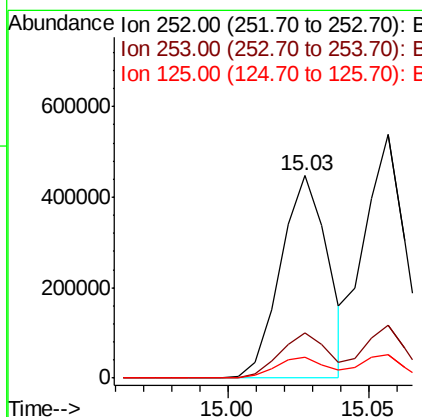
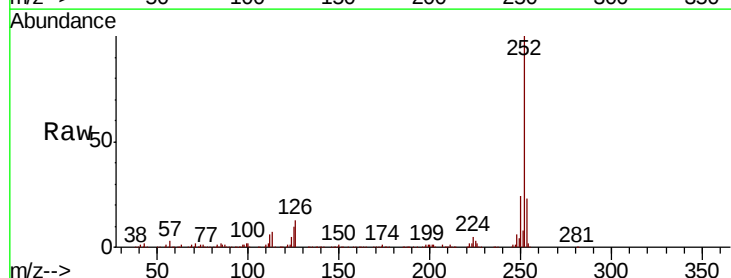
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

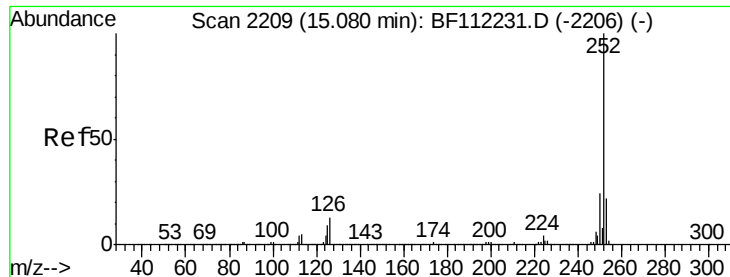
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.4	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 37.605 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.1	8.7	13.1

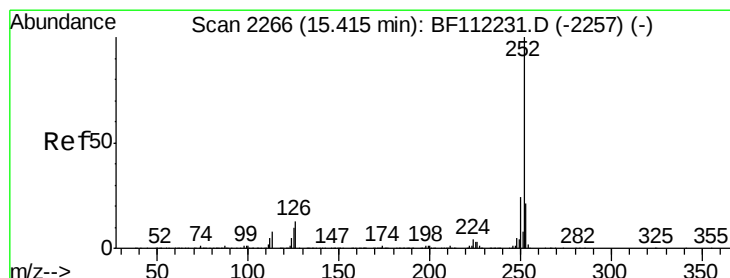
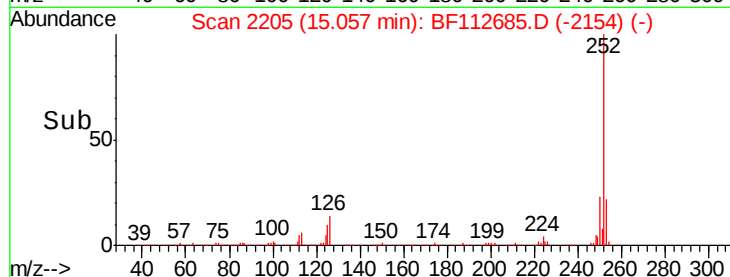
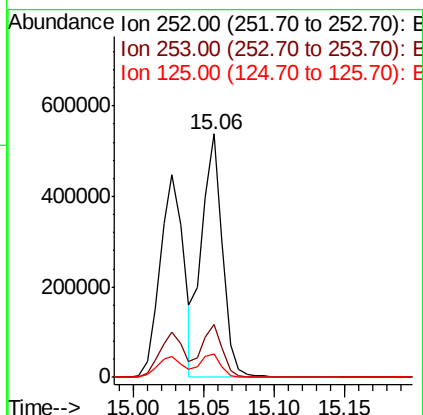
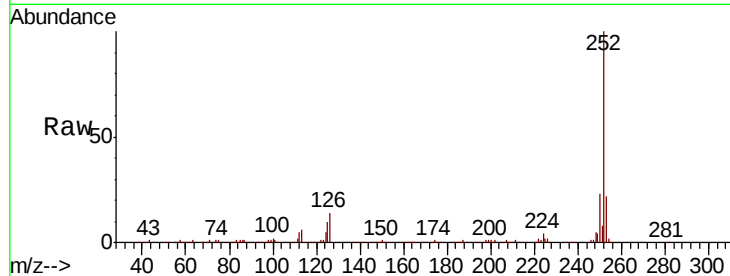




#89
Benzo(k)fluoranthene
Concen: 41.033 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

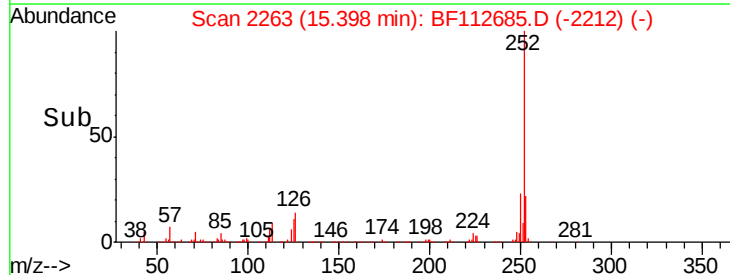
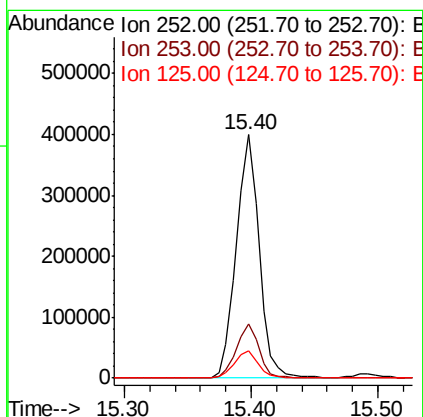
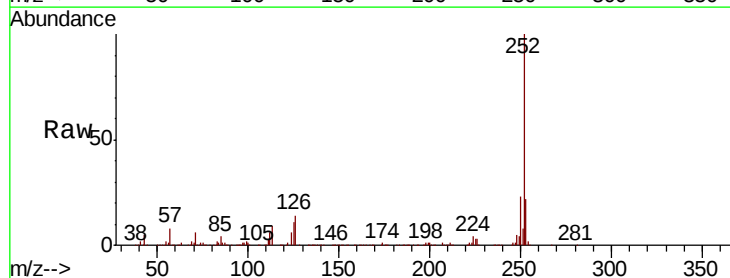
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

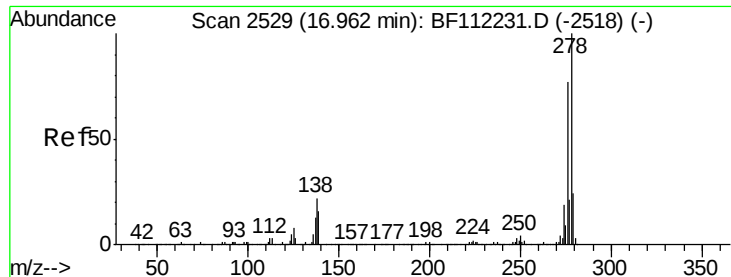
Tot Ion:252 Resp: 544503
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.761 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF112685.D
Acq: 25 Feb 2019 11:24

Tgt Ion:252 Resp: 495640
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.997 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

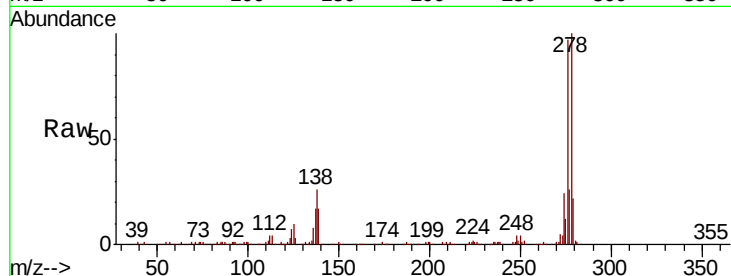
Tot Ion:278 Resp: 482205

Ion Ratio Lower Upper

278 100

139 16.9 13.7 20.5

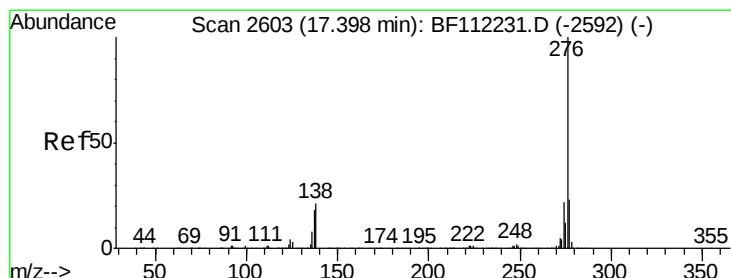
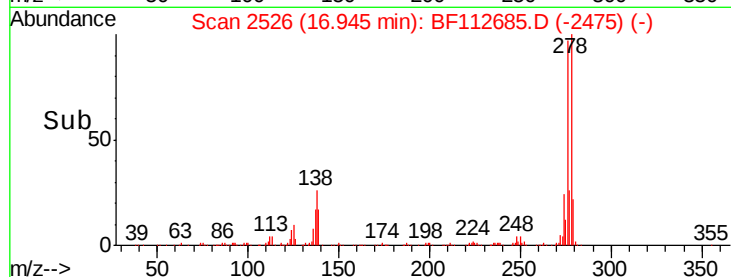
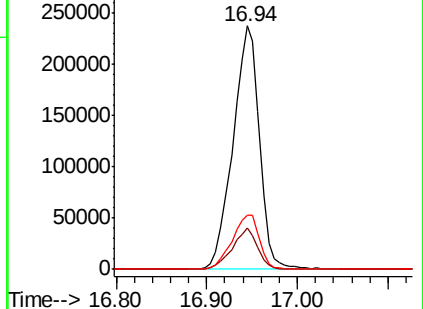
279 22.3 19.0 28.6



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: 50.015 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BF112685.D

Acq: 25 Feb 2019 11:24

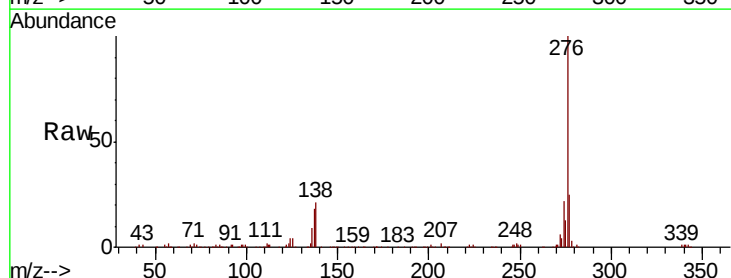
Tgt Ion:276 Resp: 474060

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.0

138 20.9 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

