

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108277.D
 Acq On : 20 Aug 2018 9:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 11:01:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	227832	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	908652	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	467583	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	928842	20.00	ng	0.00
75) Chrysene-d12	14.22	240	615546	20.00	ng	0.00
86) Perylene-d12	15.79	264	497972	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	976884	77.63	ng	0.02
7) Phenol-d6	6.65	99	1309235	78.29	ng	0.02
23) Nitrobenzene-d5	7.59	82	1263813	77.61	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	392044	84.06	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2258550	77.55	ng	0.00
78) Terphenyl-d14	13.15	244	2178607	89.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	230482	35.644	ng	91
3) Pyridine	3.70	79	613075	36.806	ng	87
4) n-Nitrosodimethylamine	3.67	42	320084	34.150	ng	85
6) Aniline	6.69	93	900447	39.586	ng	97
8) 2-Chlorophenol	6.81	128	562591	39.694	ng	95
9) Benzaldehyde	6.58	77	467611	36.066	ng	98
10) Phenol	6.66	94	681023	39.370	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	547086	39.121	ng	95
12) 1,3-Dichlorobenzene	6.96	146	641784	39.162	ng	97
13) 1,4-Dichlorobenzene	7.04	146	643507	39.083	ng	98
14) 1,2-Dichlorobenzene	7.20	146	599040	39.113	ng	96
15) Benzyl Alcohol	7.16	79	545774	38.768	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1006723	34.945	ng	99
17) 2-Methylphenol	7.27	107	474084	39.005	ng	95
18) Hexachloroethane	7.53	117	234900	40.072	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	423035	37.409	ng	92
20) 3+4-Methylphenols	7.42	107	592551	38.044	ng	# 86
22) Acetophenone	7.43	105	800533	37.678	ng	# 95
24) Nitrobenzene	7.61	77	628526	38.171	ng	96
25) Isophorone	7.84	82	1165982	37.567	ng	97
26) 2-Nitrophenol	7.92	139	273265	43.944	ng	92
27) 2,4-Dimethylphenol	7.95	122	530427	38.506	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	694957	38.355	ng	100
29) 2,4-Dichlorophenol	8.16	162	503677	39.732	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	534100	38.214	ng	97
31) Naphthalene	8.33	128	1602264	38.774	ng	99
32) Benzoic acid	8.07	122	252594	33.641	ng	93
33) 4-Chloroaniline	8.37	127	704968	39.146	ng	97
34) Hexachlorobutadiene	8.44	225	346838	39.200	ng	98
35) Caprolactam	8.76	113	156474	39.388	ng	# 83
36) 4-Chloro-3-methylphenol	8.85	107	526853	38.525	ng	96
37) 2-Methylnaphthalene	9.02	142	1118479	38.256	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	571388	39.793	ng	98
40) Hexachlorocyclopentadiene	9.17	237	301466	32.504	ng	96

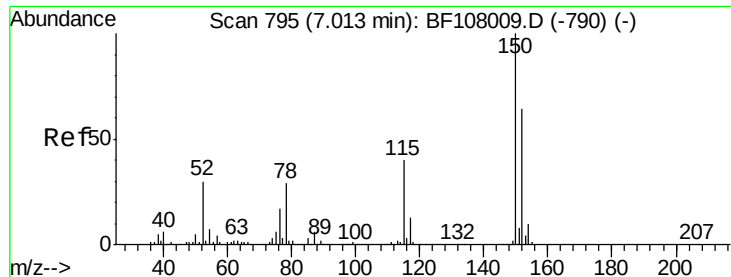
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	371384	41.679	ng	98
43) 2,4,5-Trichlorophenol	9.34	196	405318	41.322	ng	95
45) 1,1'-Biphenyl	9.48	154	1341684	38.918	ng	98
46) 2-Chloronaphthalene	9.51	162	1063405	39.027	ng	99
47) 2-Nitroaniline	9.61	65	359595	40.787	ng	88
48) Acenaphthylene	9.93	152	1689029	39.210	ng	98
49) Dimethylphthalate	9.78	163	1269296	38.970	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	279523	41.019	ng	90
51) Acenaphthene	10.11	154	1034344	39.203	ng	99
52) 3-Nitroaniline	10.02	138	304016	40.775	ng	95
53) 2,4-Dinitrophenol	10.13	184	102980	43.857	ng	# 17
54) Dibenzofuran	10.28	168	1487433	38.913	ng	97
55) 4-Nitrophenol	10.18	139	219630	38.900	ng	90
56) 2,4-Dinitrotoluene	10.25	165	374628	42.709	ng	# 93
57) Fluorene	10.62	166	1188523	39.278	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	340312	41.509	ng	# 87
59) Diethylphthalate	10.48	149	1216451	38.569	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	612759	38.862	ng	90
61) 4-Nitroaniline	10.64	138	315395	42.786	ng	93
62) Azobenzene	10.77	77	1232480	37.839	ng	94
64) 4,6-Dinitro-2-methylphenol	10.67	198	139059	40.784	ng	81
65) n-Nitrosodiphenylamine	10.73	169	1076844	39.232	ng	98
66) 4-Bromophenyl-phenylether	11.10	248	401311	39.757	ng	# 86
67) Hexachlorobenzene	11.17	284	419423	39.492	ng	# 87
68) Atrazine	11.25	200	364399	39.582	ng	93
69) Pentachlorophenol	11.37	266	193538	38.072	ng	97
70) Phenanthrene	11.59	178	1711563	39.068	ng	99
71) Anthracene	11.64	178	1756417	39.116	ng	98
72) Carbazole	11.79	167	1550392	38.862	ng	98
73) Di-n-butylphthalate	12.11	149	1821586	40.311	ng	99
74) Fluoranthene	12.79	202	1805751	37.767	ng	94
76) Benzidine	12.90	184	1037641	45.118	ng	99
77) Pyrene	13.02	202	1800020	46.189	ng	98
79) Butylbenzylphthalate	13.62	149	718245	46.415	ng	97
80) Benzo(a)anthracene	14.21	228	1418763	40.162	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	493384	38.972	ng	# 97
82) Chrysene	14.25	228	1288593	39.788	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	865728	41.313	ng	99
84) Di-n-octyl phthalate	14.79	149	1531144	47.910	ng	99
85) Indeno(1,2,3-cd)pyrene	17.42	276	1182570	42.142	ng	# 90
87) Benzo(b)fluoranthene	15.35	252	1084722	36.454	ng	96
88) Benzo(k)fluoranthene	15.35	252	1084722	39.657	ng	# 97
89) Benzo(a)pyrene	15.72	252	1054779	39.586	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	986789	44.759	ng	# 93
91) Benzo(g,h,i)perylene	17.93	276	1002978	46.201	ng	# 89

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

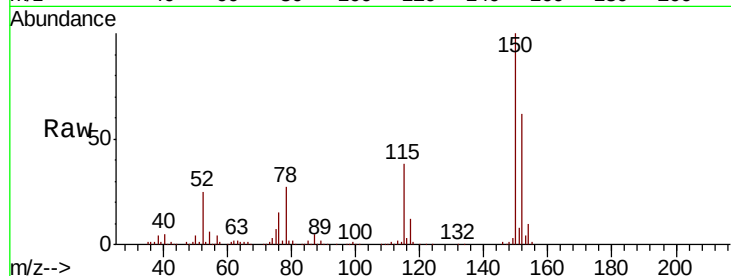


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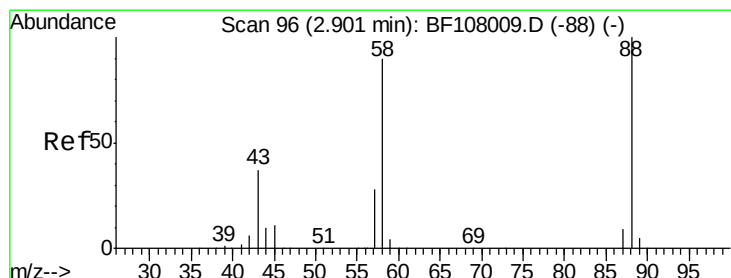
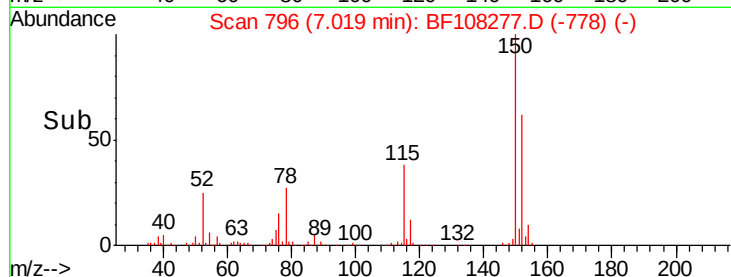
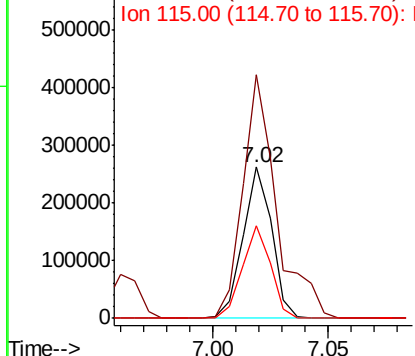
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 227832
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 61.1 50.1 75.1



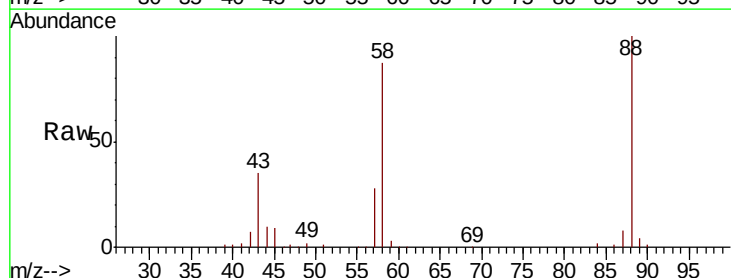
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



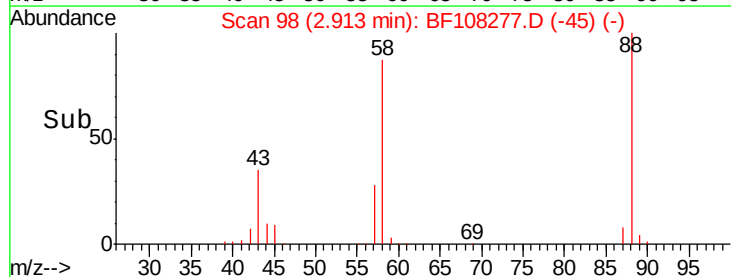
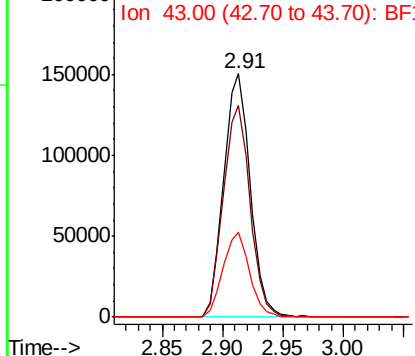
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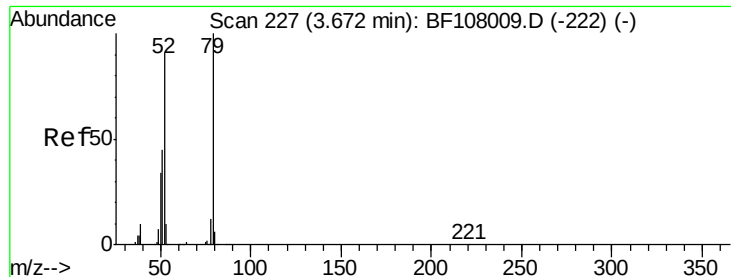
1,4-Dioxane
Concen: 35.644 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion: 88 Resp: 230482
Ion Ratio Lower Upper
88 100
58 87.1 62.6 93.8
43 34.8 24.6 37.0



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

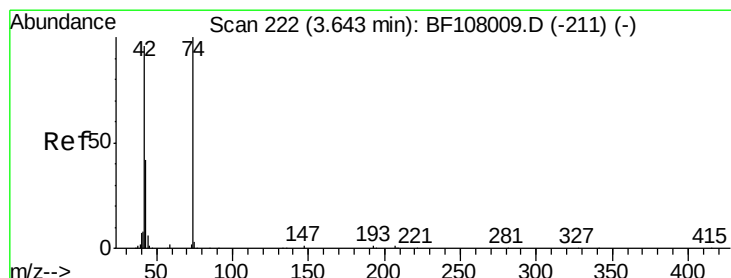
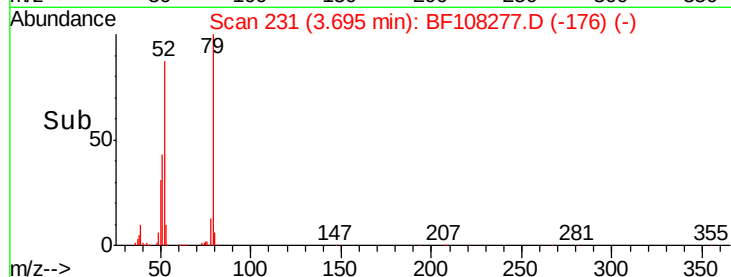
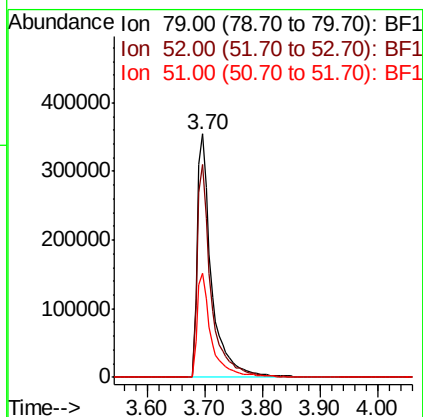
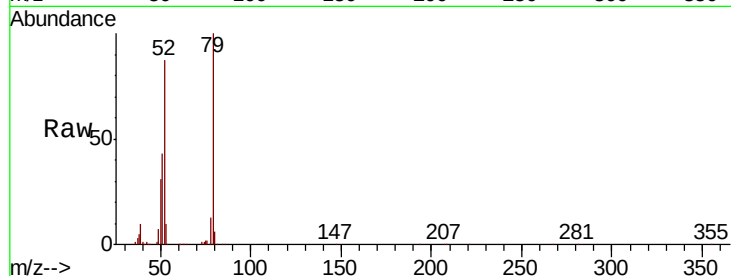




#3
 Pvrindine
 Concen: 36.806 ng
 RT: 3.70 min Scan# 231
 Delta R.T. 0.02 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

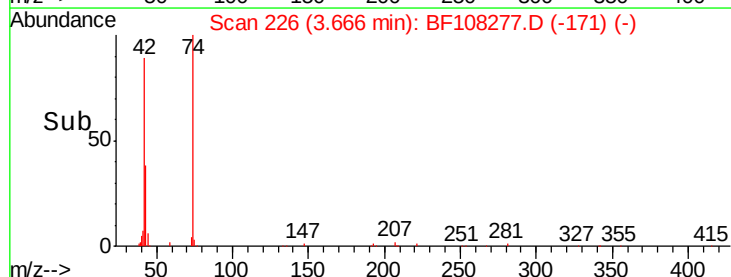
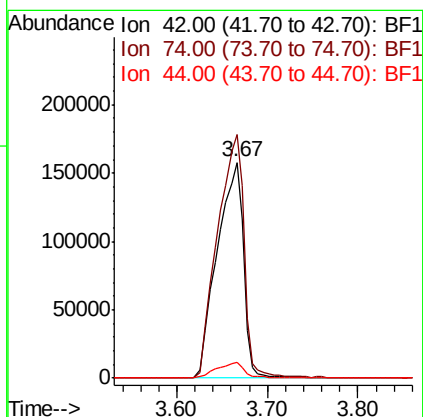
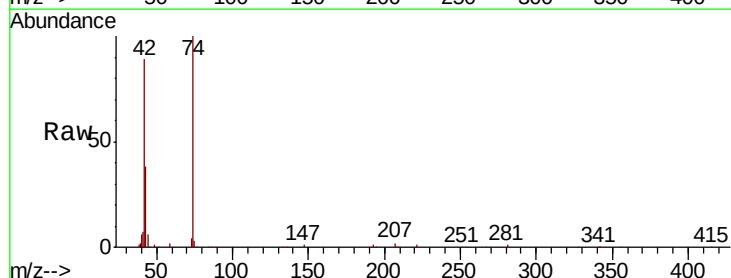
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 ClientSampleId :
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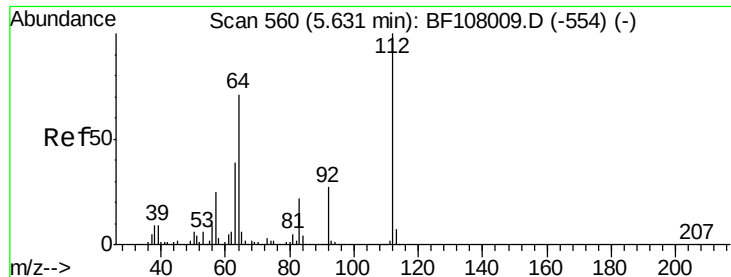
Tot Ion: 79 Resp: 613075
 Ion Ratio Lower Upper
 79 100
 52 87.4 59.8 89.6
 51 42.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.150 ng
 RT: 3.67 min Scan# 226
 Delta R.T. 0.02 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion: 42 Resp: 320084
 Ion Ratio Lower Upper
 42 100
 74 112.8 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 77.628 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

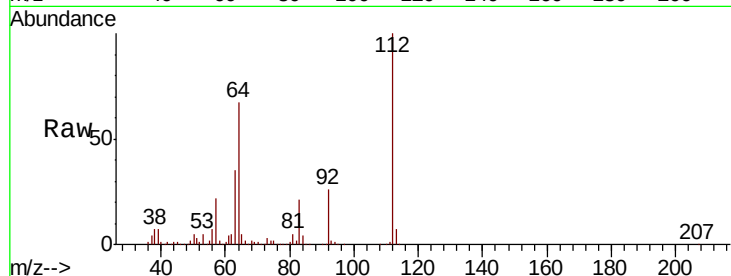
Tot Ion:112 Resp: 976884

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

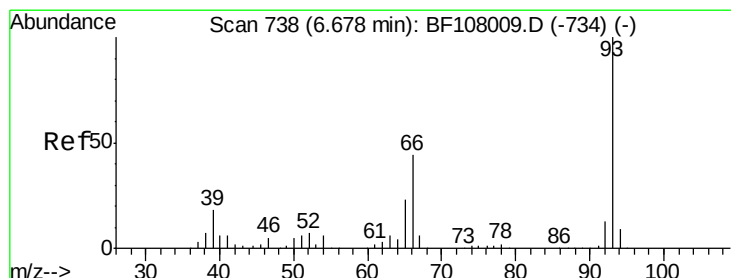
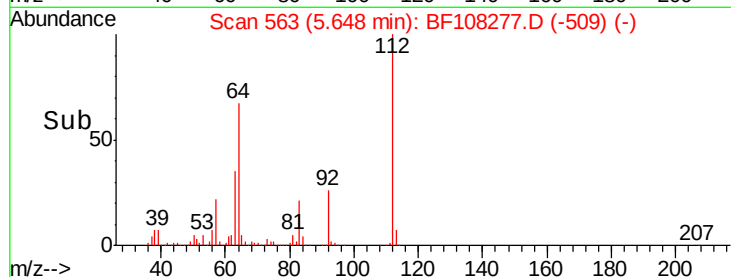
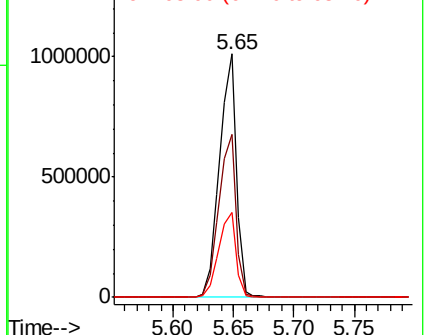
63 34.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.586 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

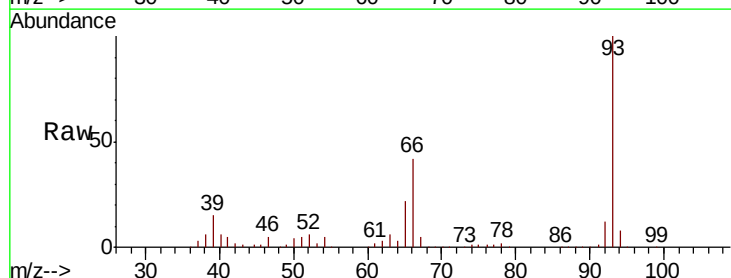
Tgt Ion: 93 Resp: 900447

Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

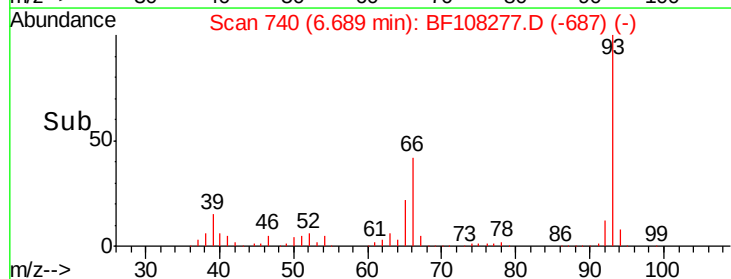
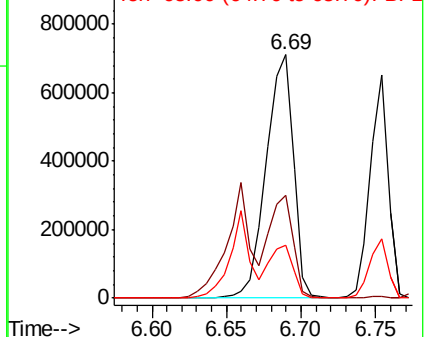
65 21.7 16.4 24.6

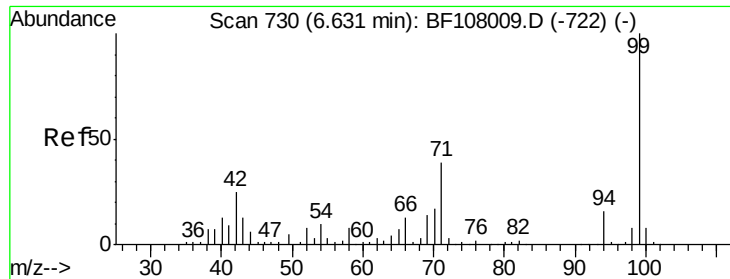


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.291 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

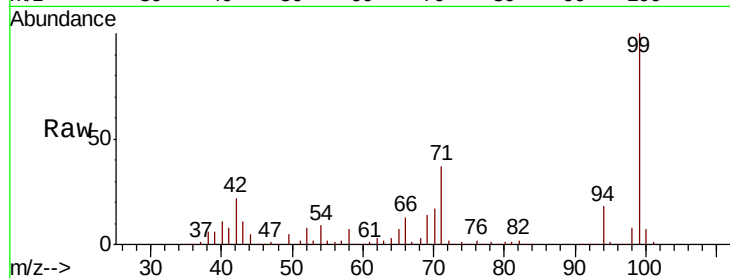
BNA_F

ClientSampleId :

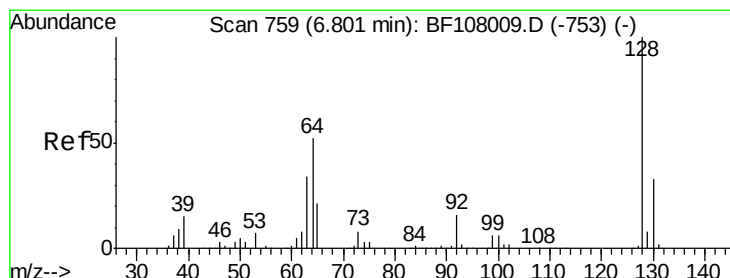
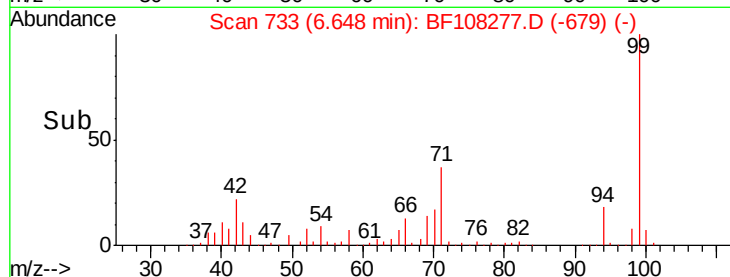
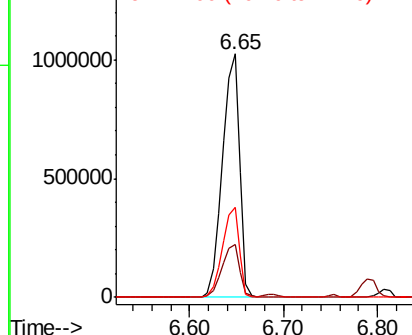
SSTDCCC040

Tot Ion: 99 Resp: 1309235

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	36.8	25.4	38.0



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



#8

2-Chlorophenol

Concen: 39.694 ng

RT: 6.81 min Scan# 760

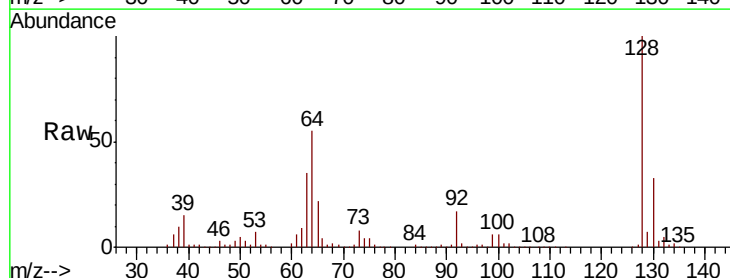
Delta R.T. 0.01 min

Lab File: BF108277.D

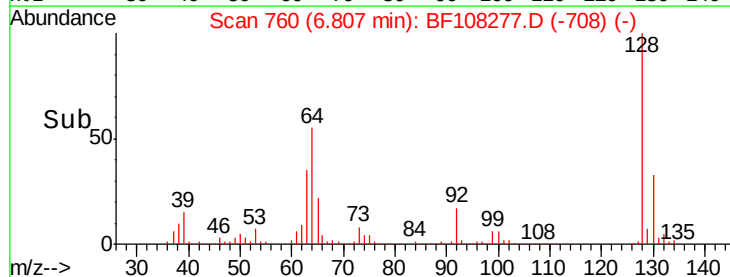
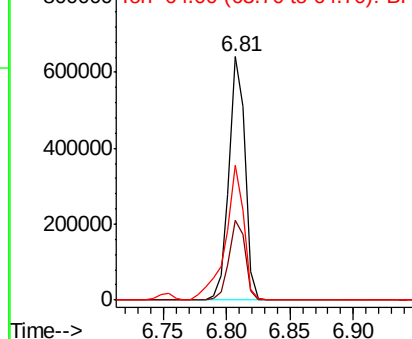
Acq: 20 Aug 2018 9:32

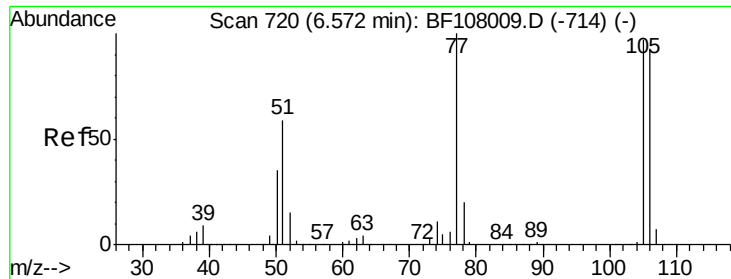
Tgt Ion: 128 Resp: 562591

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	55.1	29.4	69.4



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

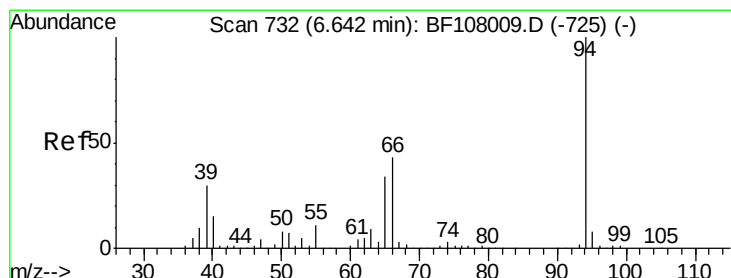
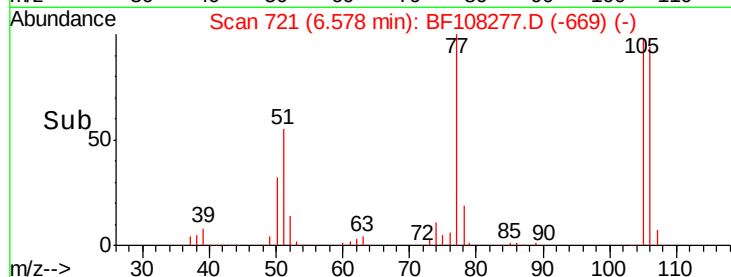
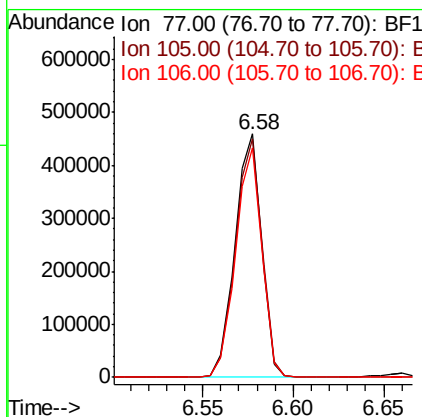
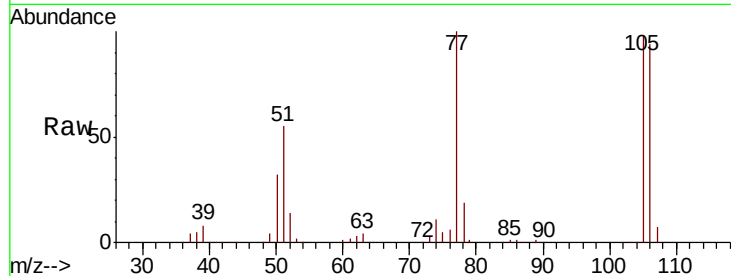




#9
Benzaldehyde
Concen: 36.066 ng
RT: 6.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

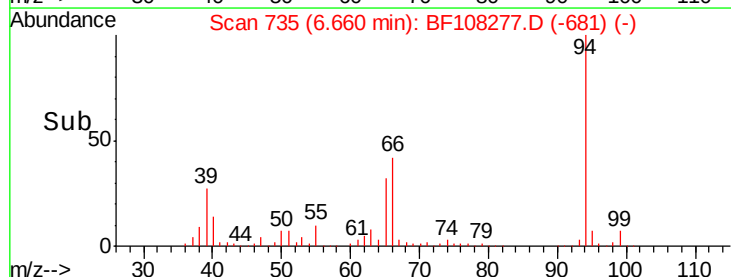
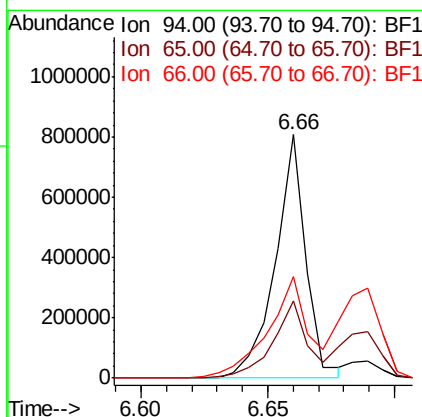
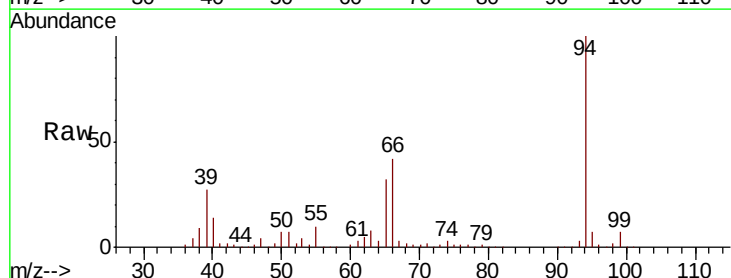
Instrument :
BNA_F
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SSTDCCC040

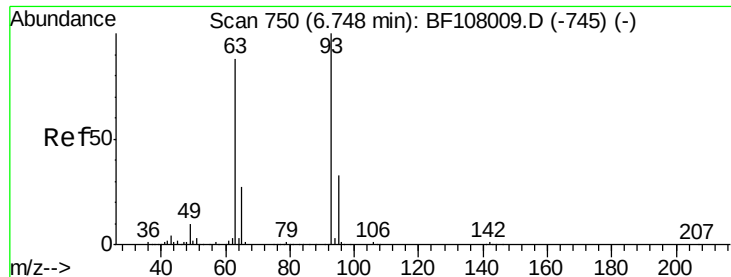
Tot Ion: 77 Resp: 467611
Ion Ratio Lower Upper
77 100
105 97.9 81.1 121.1
106 94.5 74.5 114.5



#10
Phenol
Concen: 39.370 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion: 94 Resp: 681023
Ion Ratio Lower Upper
94 100
65 31.6 7.9 47.9
66 41.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.121 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

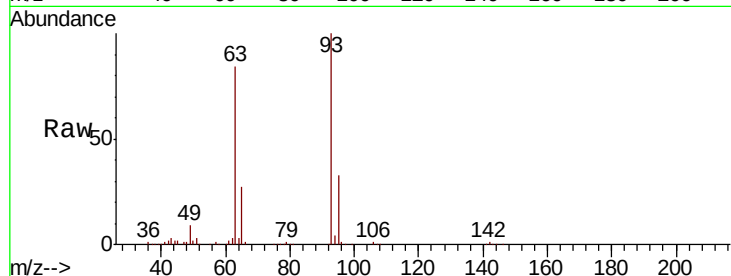
Tot Ion: 93 Resp: 547086

Ion Ratio Lower Upper

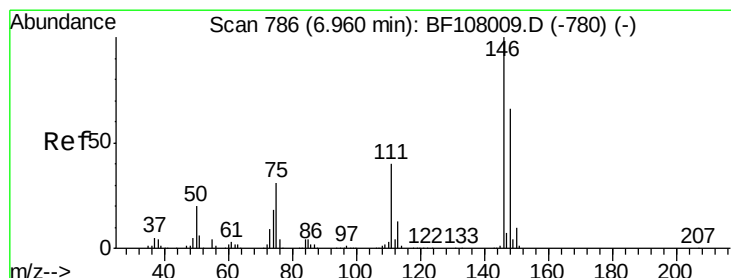
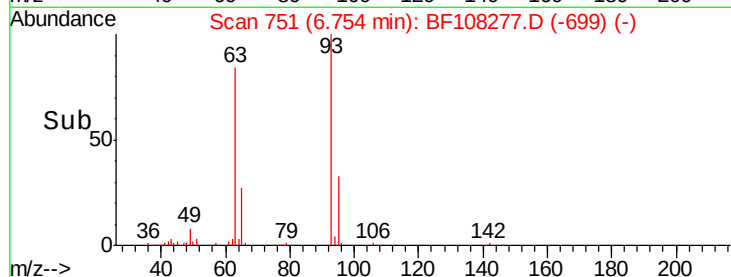
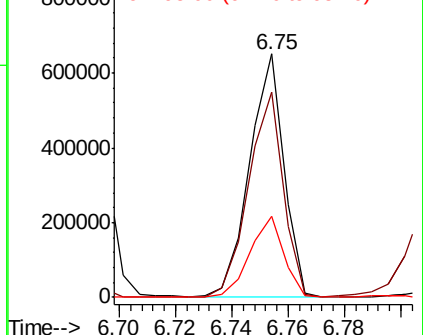
93 100

63 84.4 58.6 98.6

95 33.0 11.8 51.8



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: 39.162 ng

RT: 6.96 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

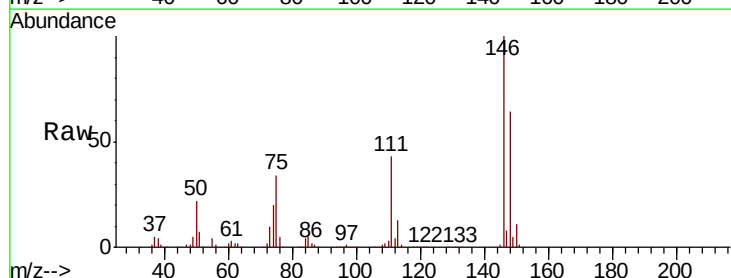
Tgt Ion: 146 Resp: 641784

Ion Ratio Lower Upper

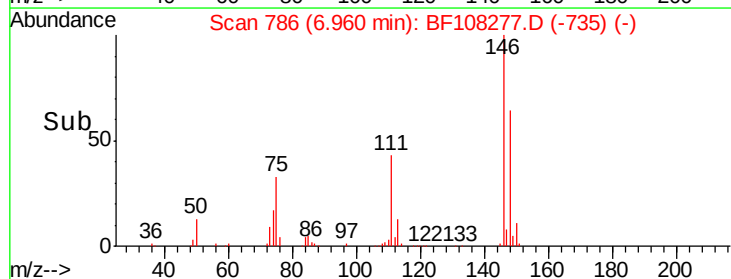
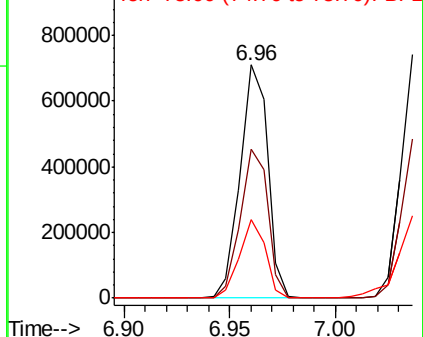
146 100

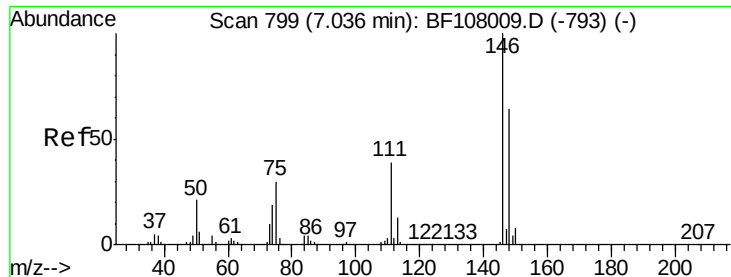
148 63.7 51.8 77.8

75 33.8 24.2 36.4



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

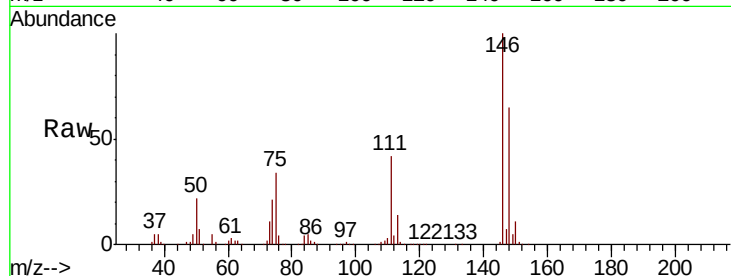




#13
 1,4-Dichlorobenzene
 Concen: 39.083 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	42.0	34.2	51.2

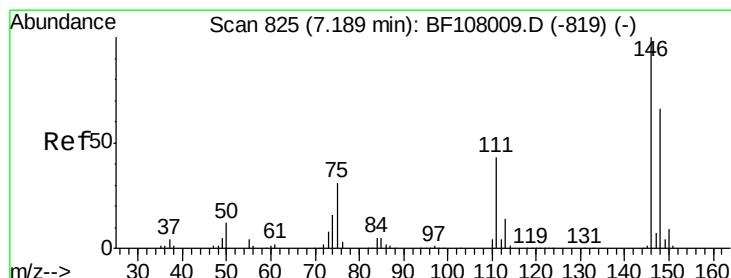
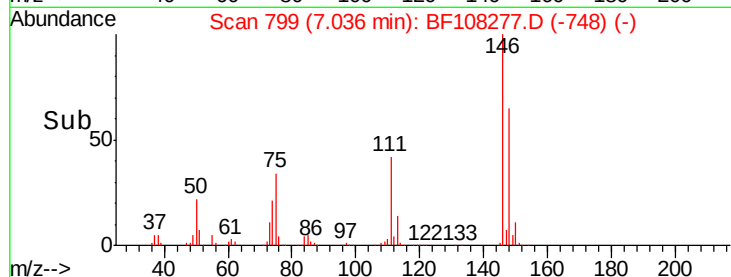
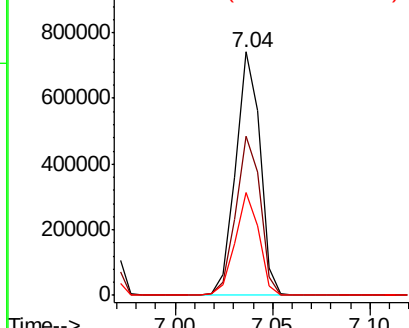


Abundance

Ion 146.00 (145.70 to 146.70): E

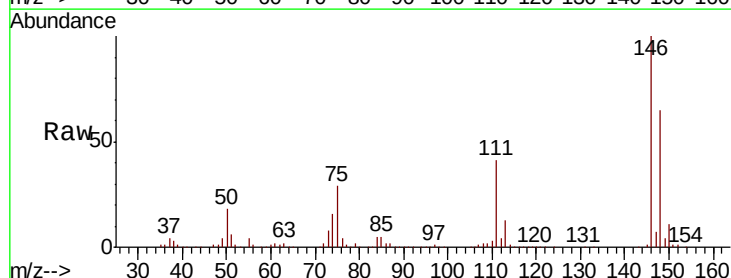
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.113 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	40.8	36.0	54.0

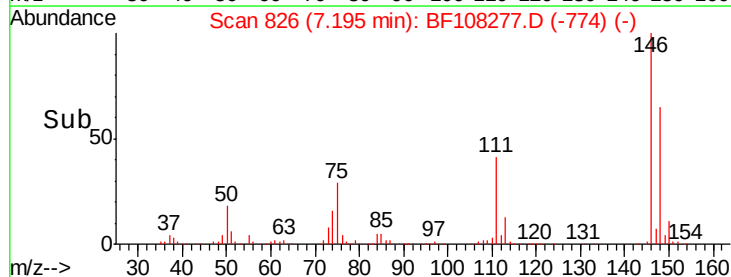
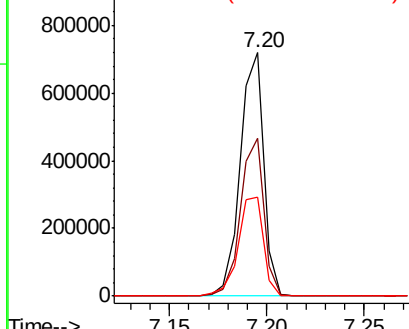


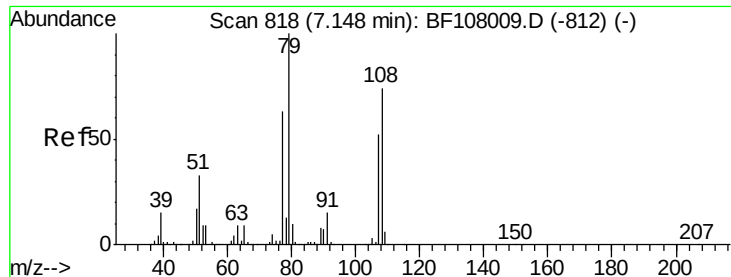
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.768 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

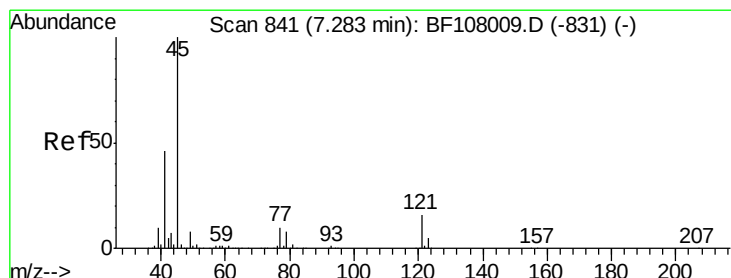
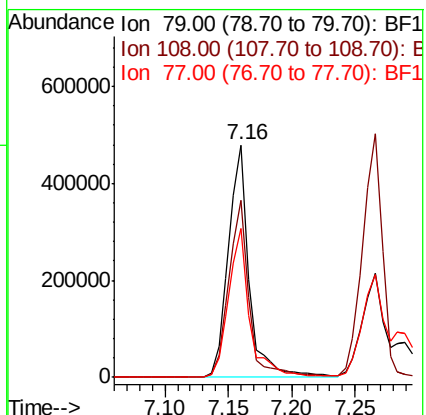
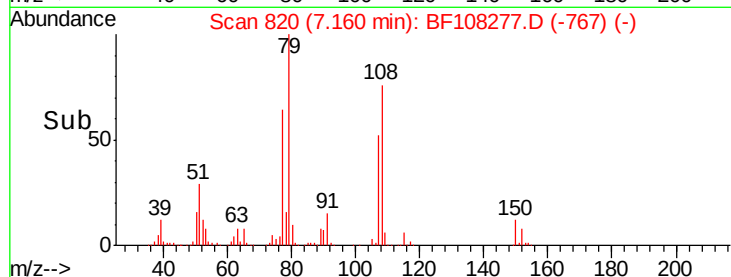
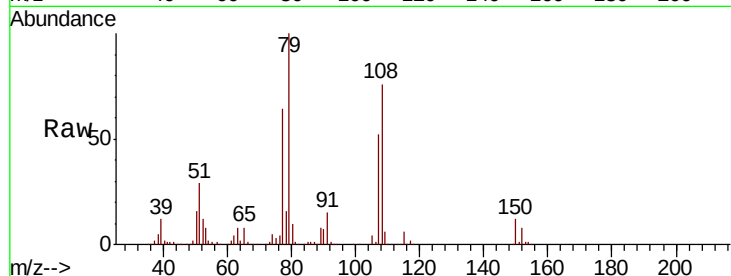
Tot Ion: 79 Resp: 545774

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

77 63.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.945 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

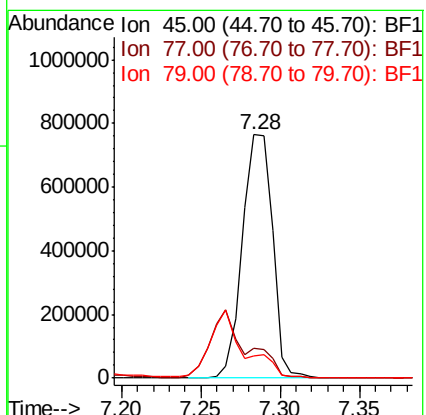
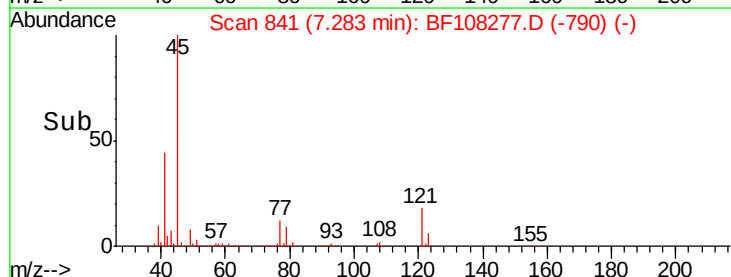
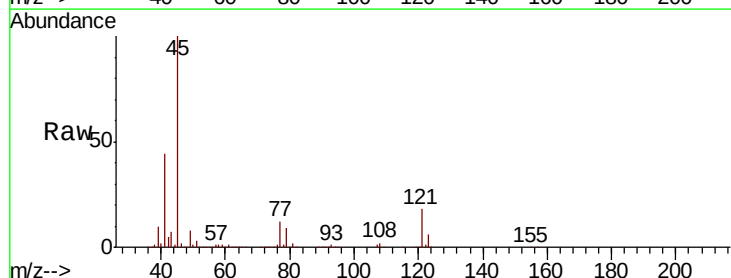
Tgt Ion: 45 Resp: 1006723

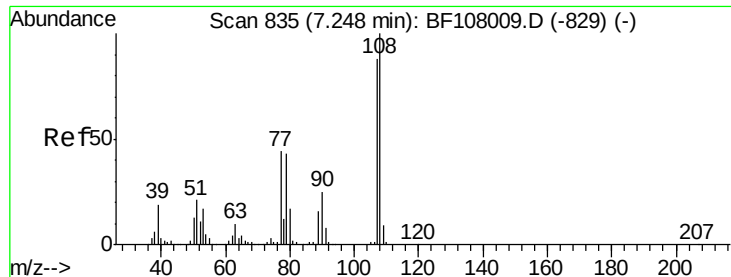
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.2 0.0 29.6

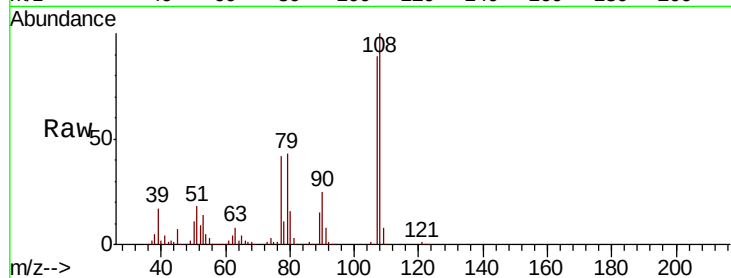




#17
2-Methylphenol
Concen: 39.005 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	474084
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	47.8	33.8	50.8
79	48.4	33.8	50.8



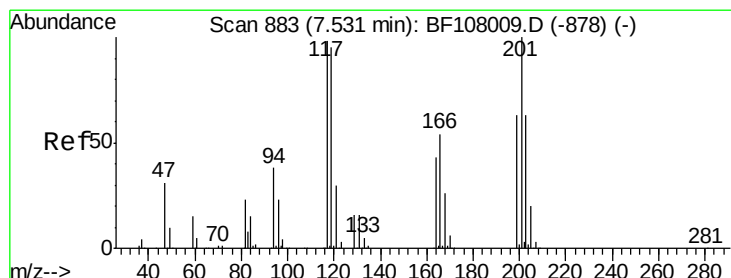
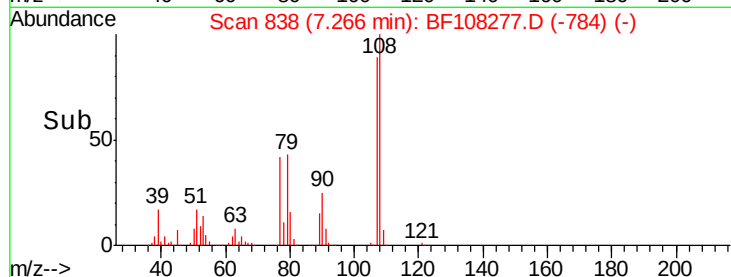
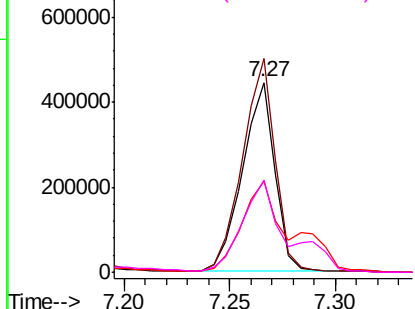
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

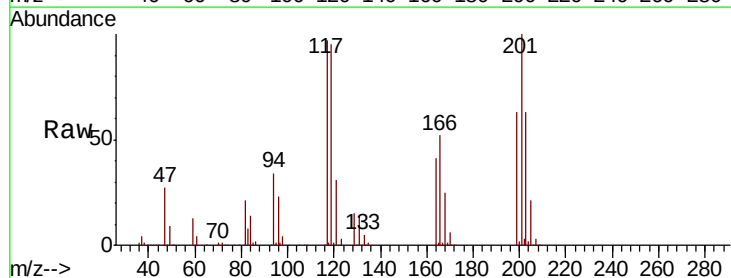
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.072 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:	117	Resp:	234900
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	102.7	75.7	113.5

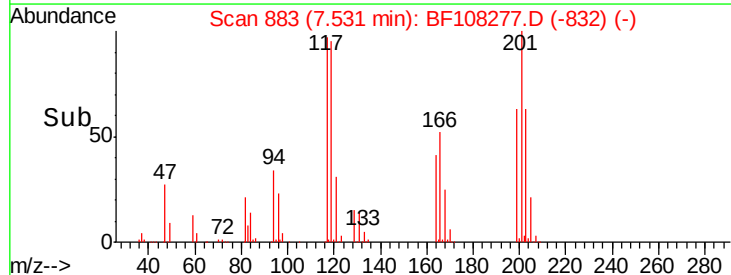
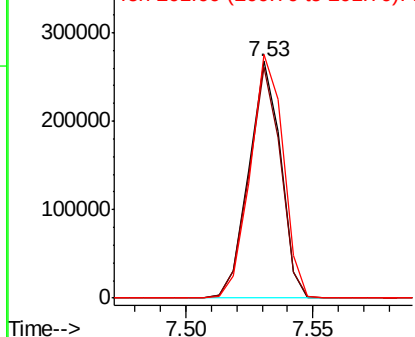


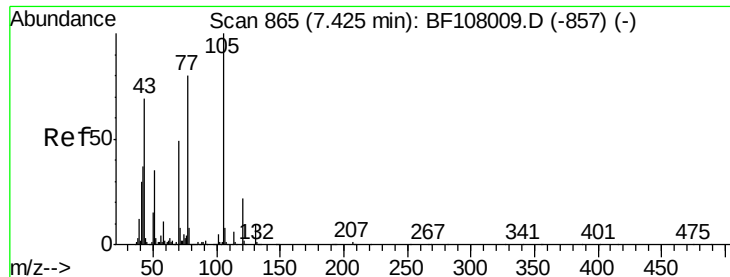
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

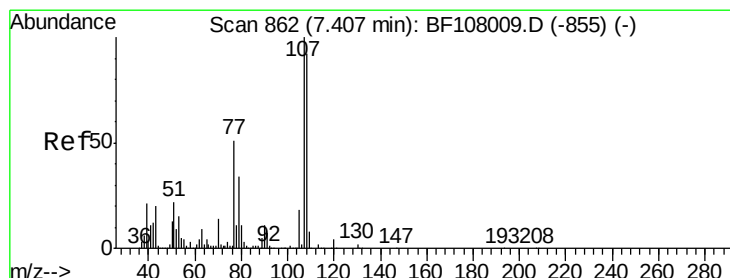
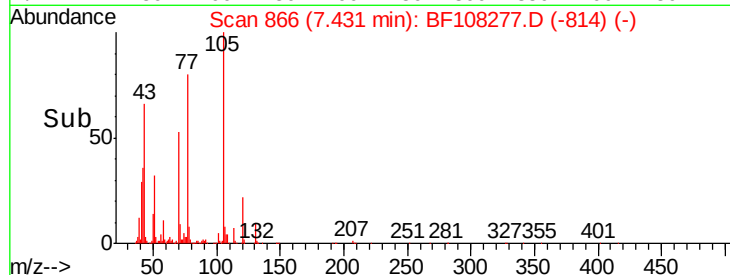
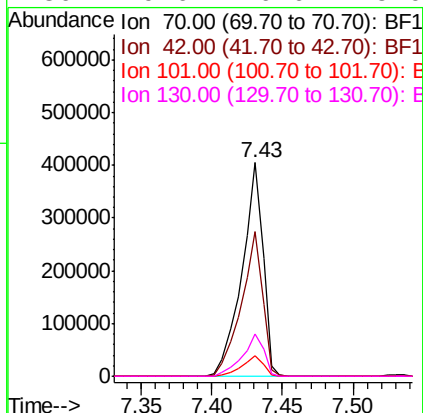
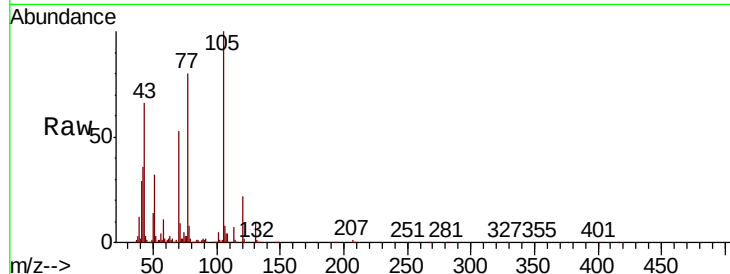




#19
n-Nitroso-di-n-propylamine
Concen: 37.409 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

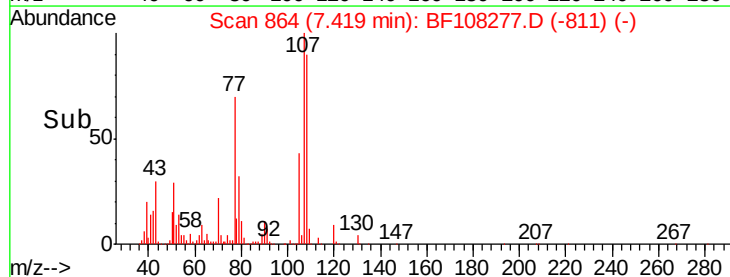
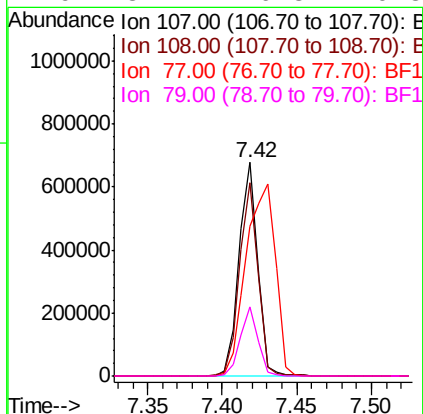
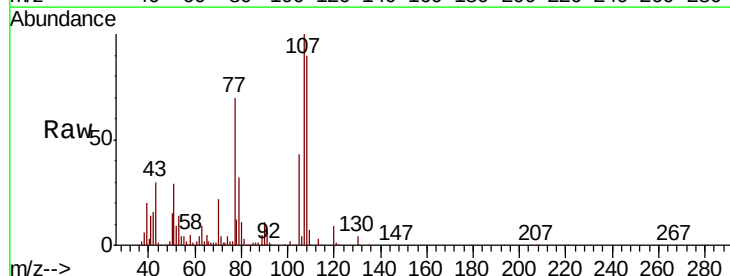
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

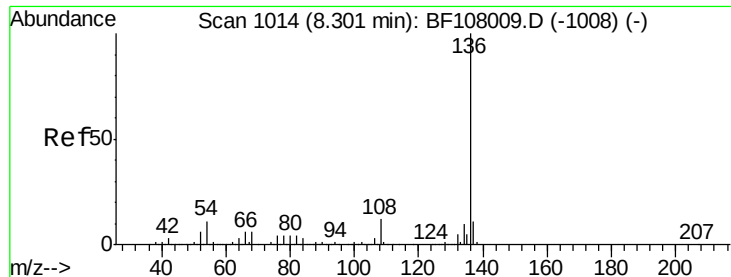
Tot Ion:	70	Resp:	423035
Ion	Ratio	Lower	Upper
70	100		
42	67.6	47.5	71.3
101	9.7	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.044 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:	107	Resp:	592551
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	70.4	26.7	66.7#
79	32.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 908652

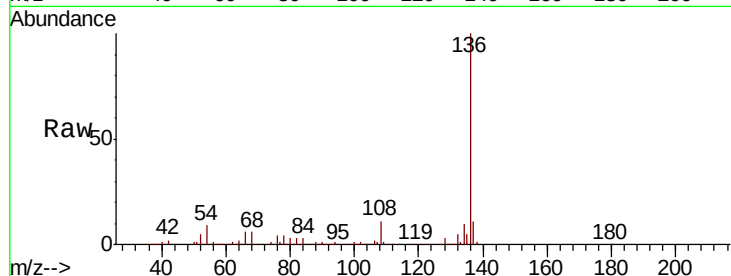
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 5.9 5.0 7.4

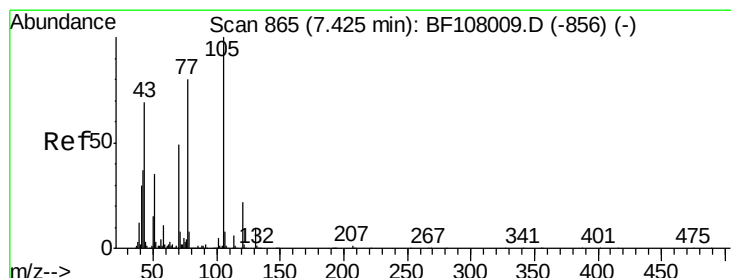
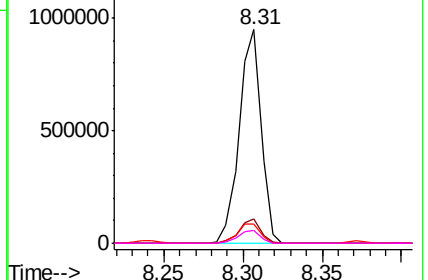
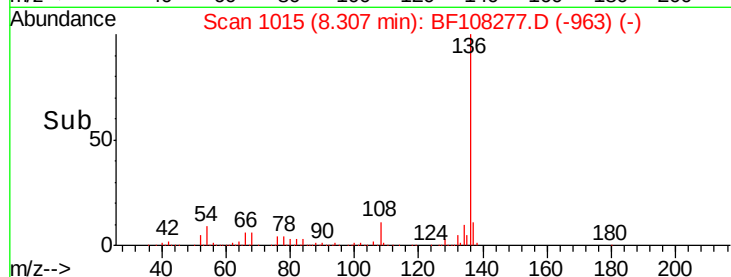


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.678 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:105 Resp: 800533

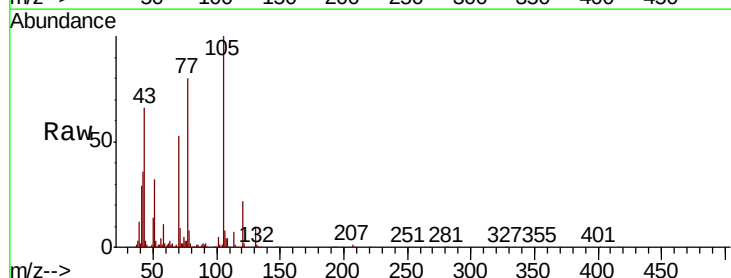
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 31.9 22.3 33.5

120 21.6 16.9 25.3

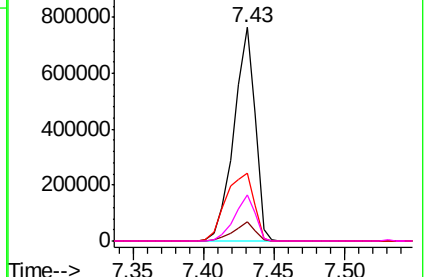
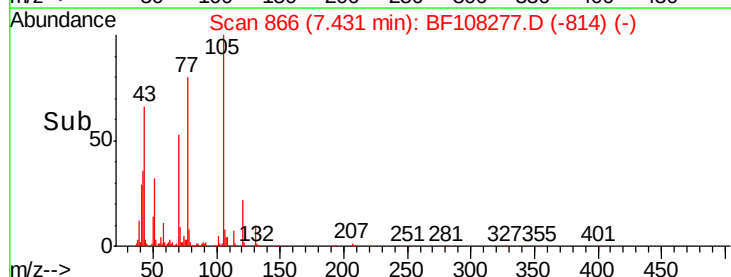


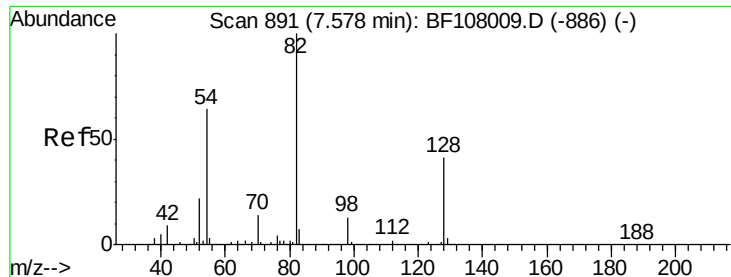
Abundance Ion 105.00 (104.70 to 105.70): E

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

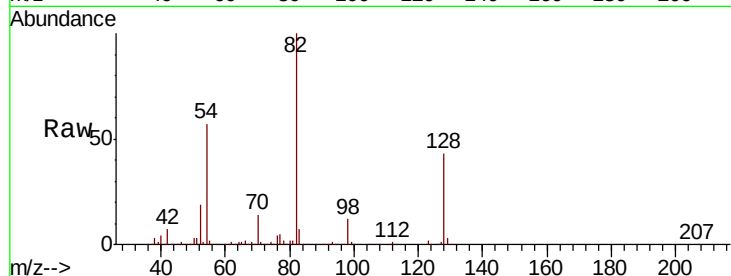




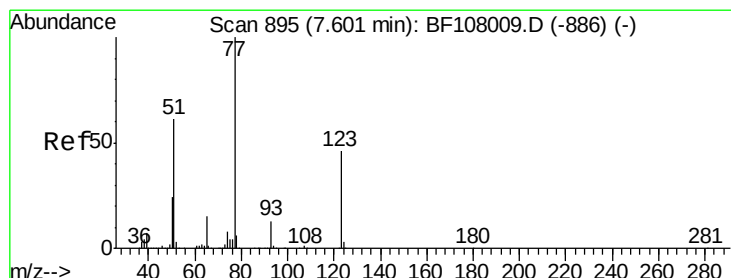
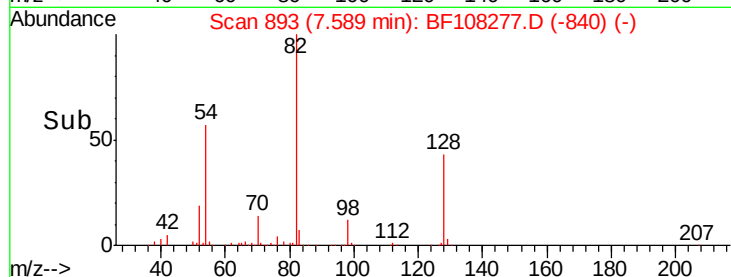
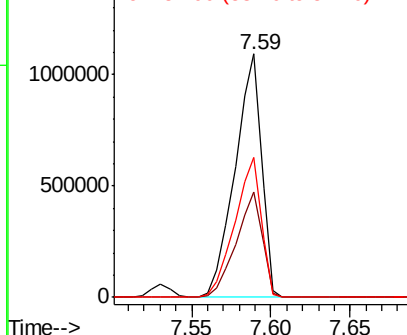
#23
 Nitrobenzene-d5
 Concen: 77.612 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1263813
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 57.4 41.4 62.2

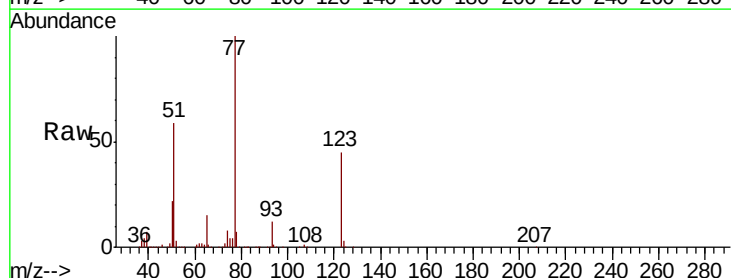


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

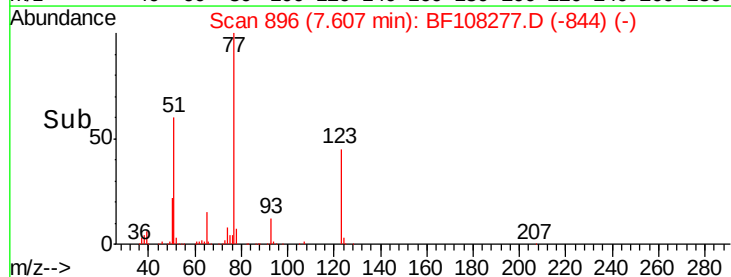
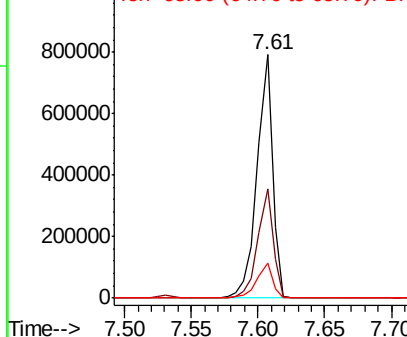


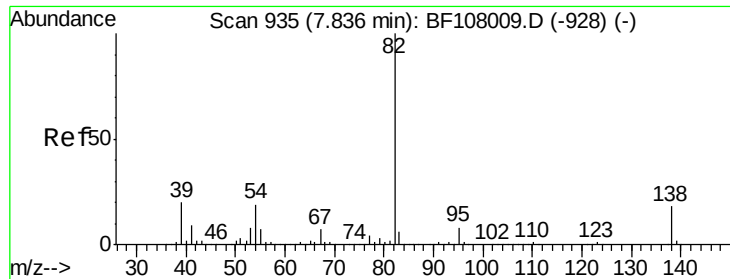
#24
 Nitrobenzene
 Concen: 38.171 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion: 77 Resp: 628526
 Ion Ratio Lower Upper
 77 100
 123 44.8 37.9 56.9
 65 14.6 11.0 16.4



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: 37.567 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

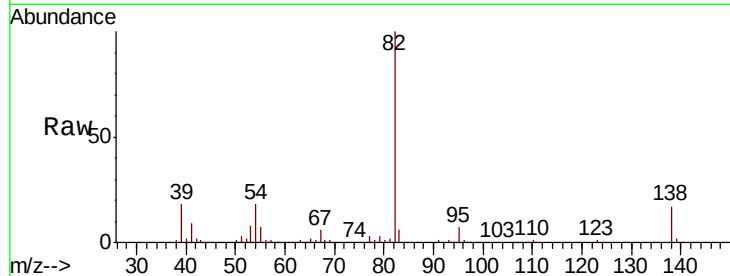
Tot Ion: 82 Resp: 1165982

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

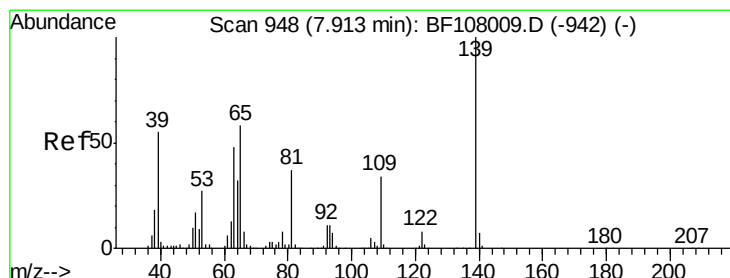
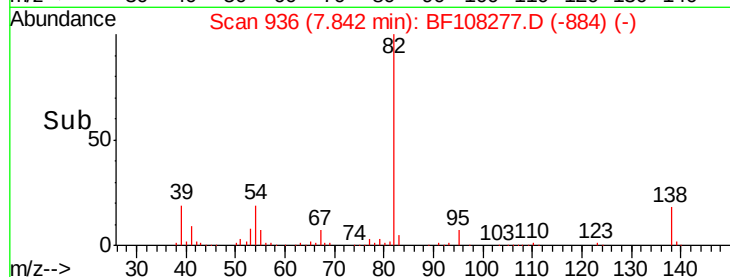
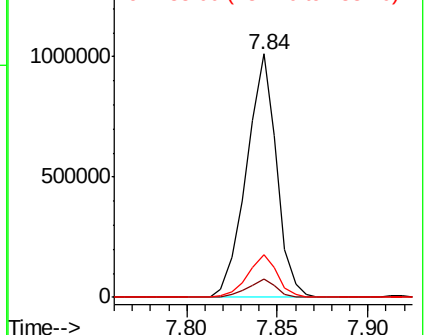
138 17.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.944 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

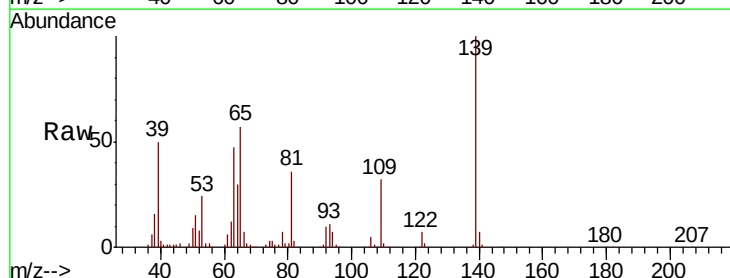
Tgt Ion: 139 Resp: 273265

Ion Ratio Lower Upper

139 100

109 32.0 22.7 34.1

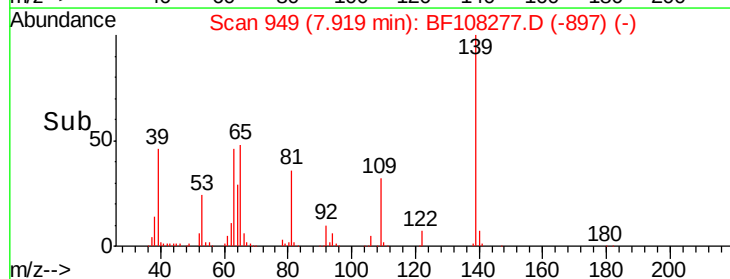
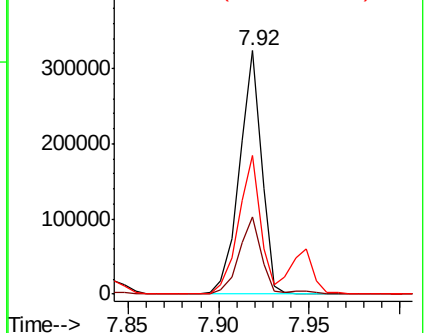
65 57.1 40.5 60.7

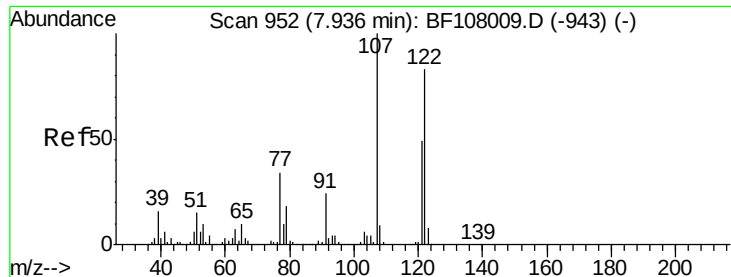


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

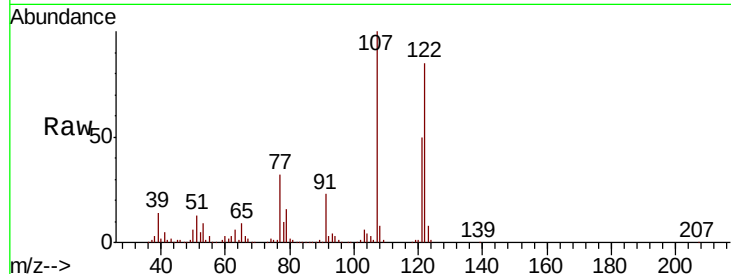




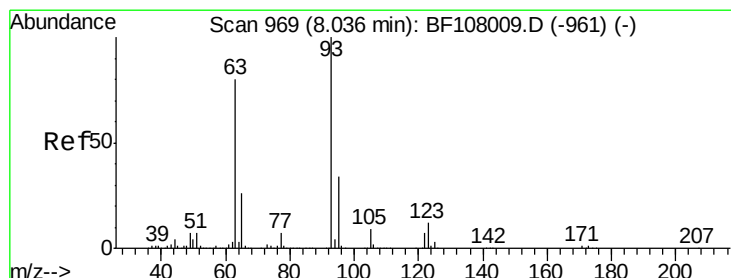
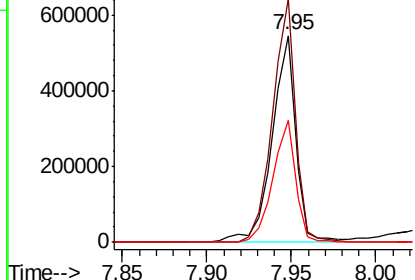
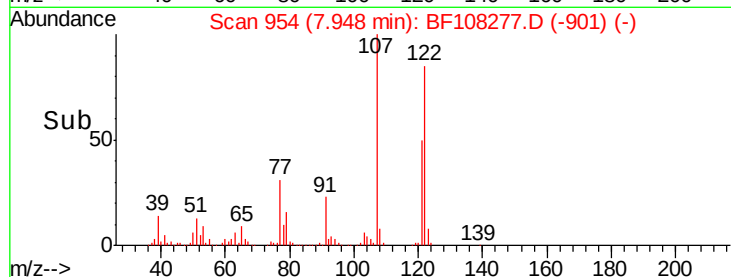
#27
 2,4-Dimethylphenol
 Concen: 38.506 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	91.2	136.8
121	58.9	47.2	70.8

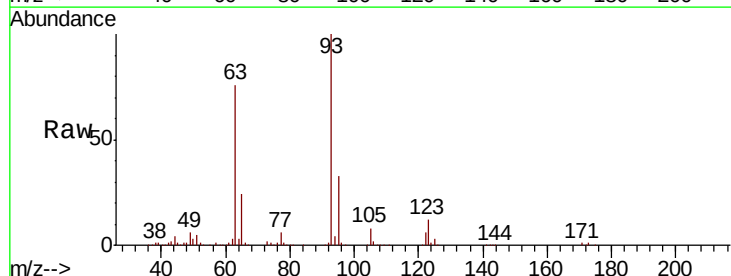


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

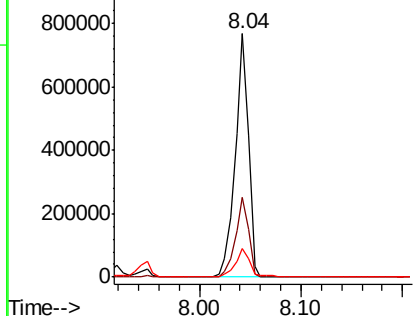
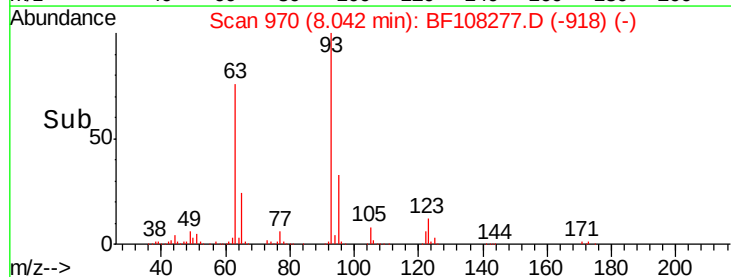


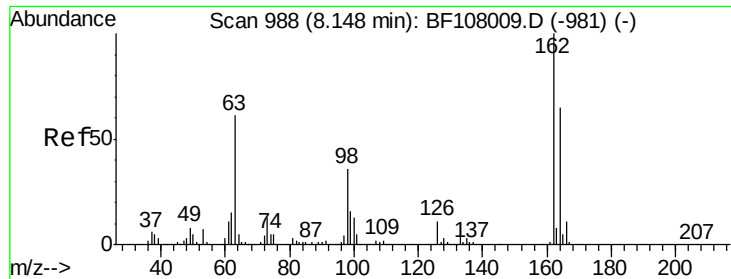
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.355 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6



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

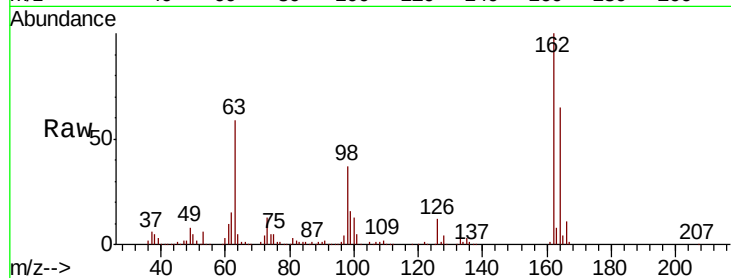




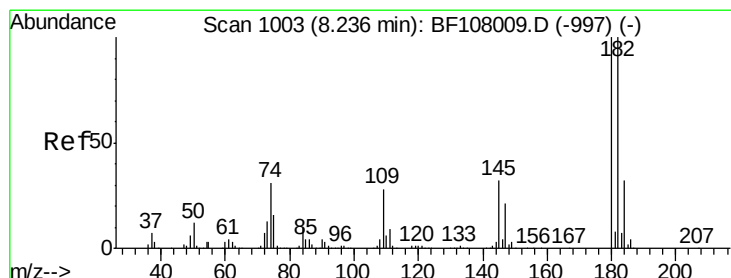
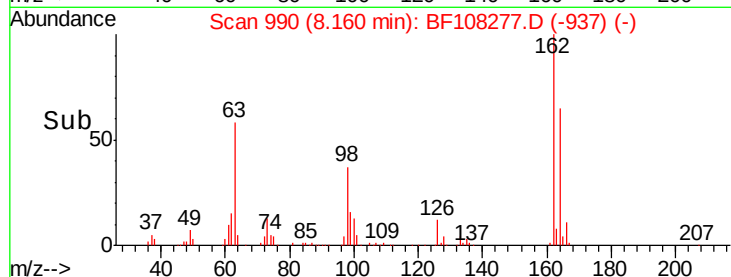
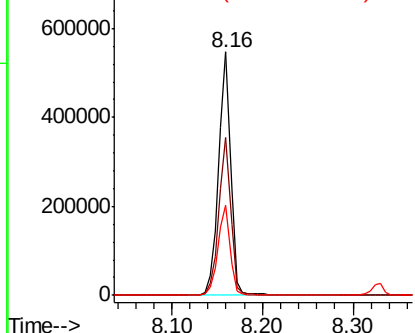
#29
 2,4-Dichlorophenol
 Concen: 39.732 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	37.2	18.1	58.1

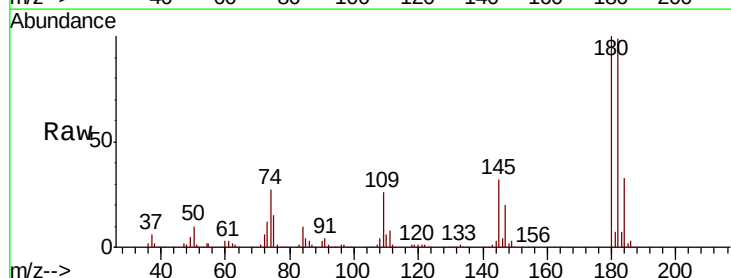


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

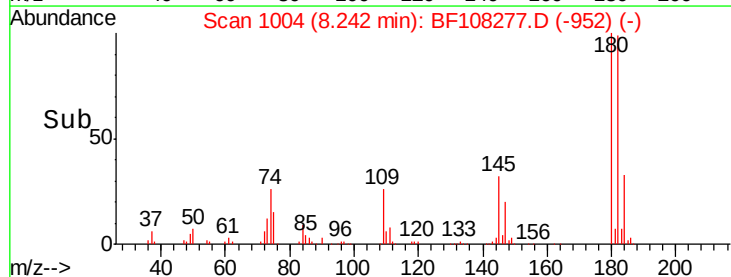
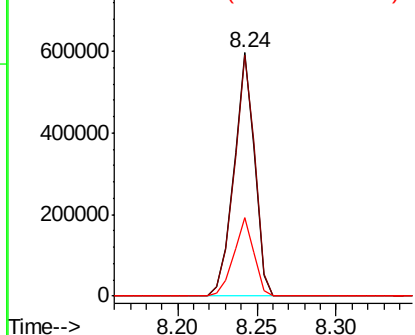


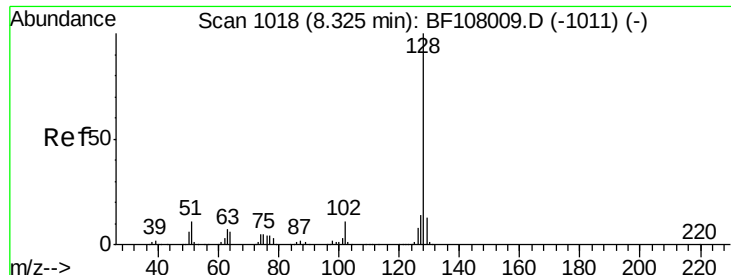
#30
 1,2,4-Trichlorobenzene
 Concen: 38.214 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	32.1	26.5	39.7



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

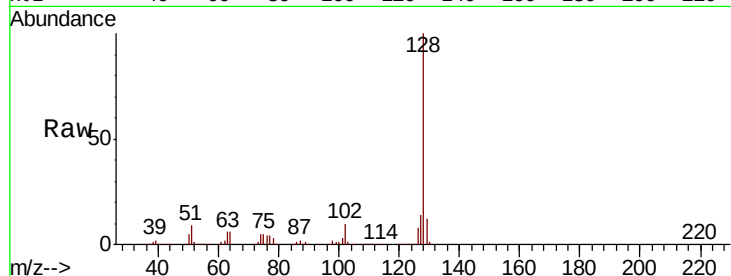




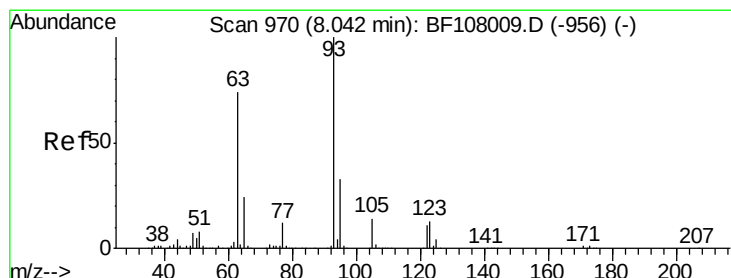
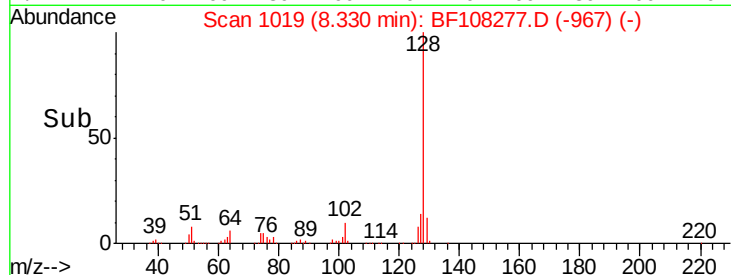
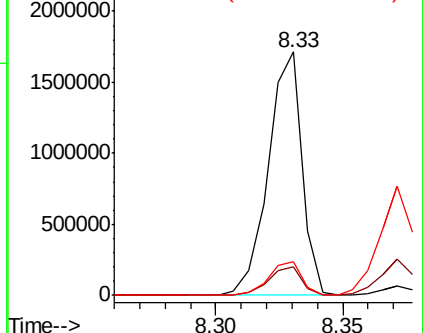
#31
Naphthalene
Concen: 38.774 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1602264
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.1 10.9 16.3

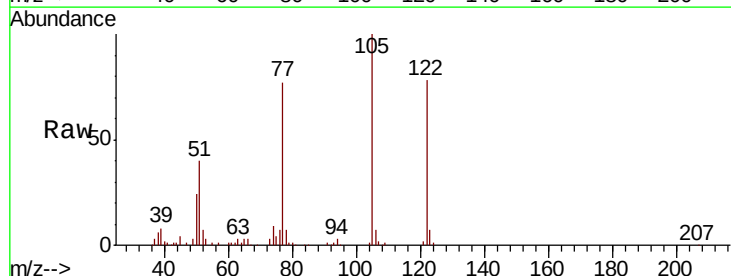


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

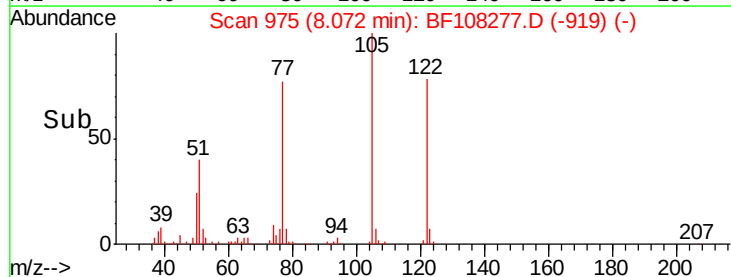
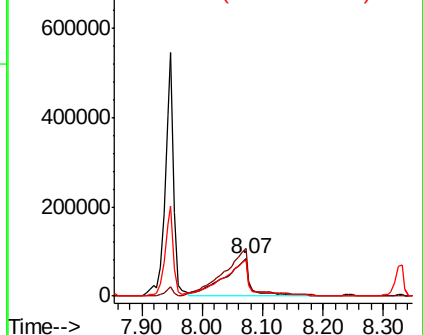


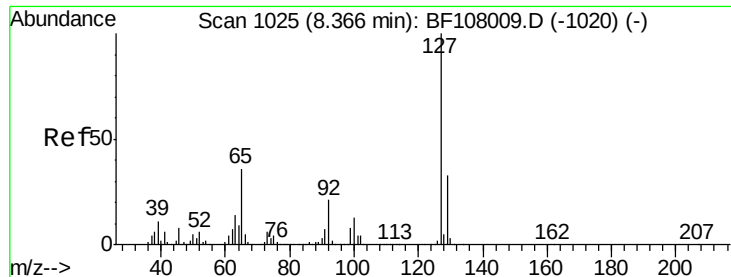
#32
Benzoic acid
Concen: 33.641 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:122 Resp: 252594
Ion Ratio Lower Upper
122 100
105 128.2 101.1 141.1
77 98.8 70.7 110.7



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

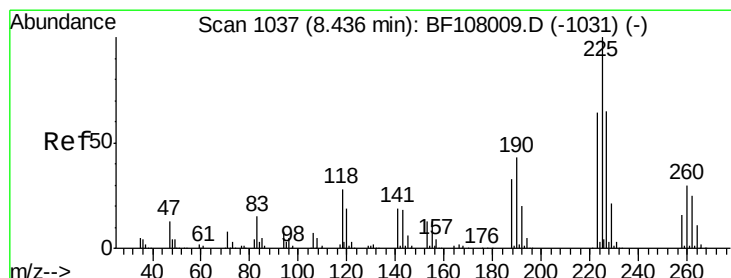
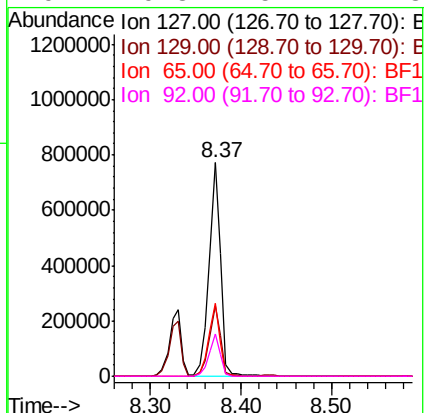
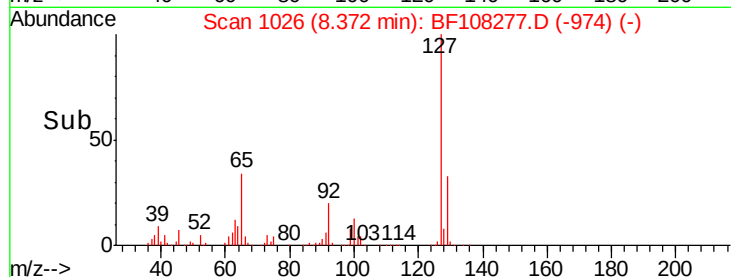
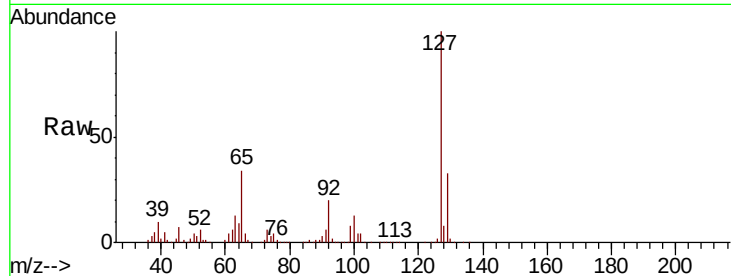




#33
4-Chloroaniline
Concen: 39.146 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

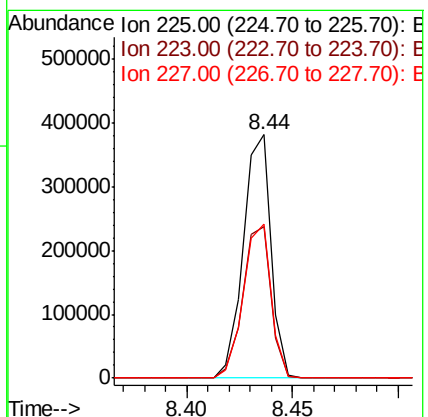
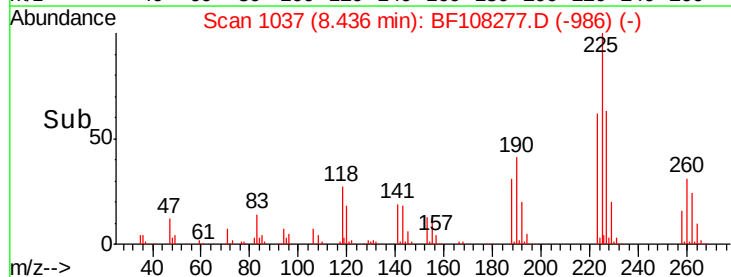
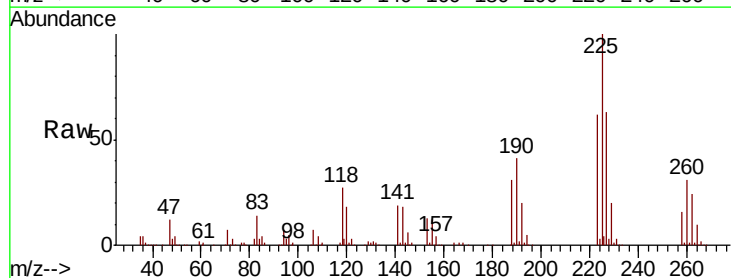
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

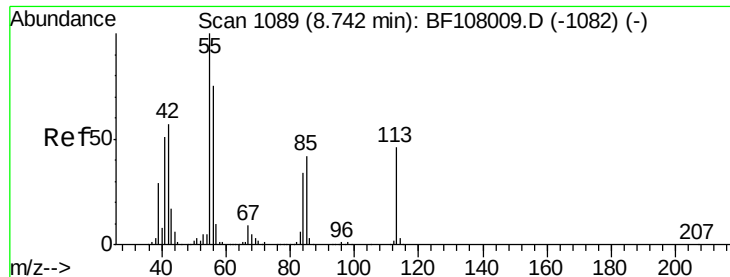
Tot Ion:	127	Resp:	704968
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	34.3	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.200 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:	225	Resp:	346838
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 39.388 ng

RT: 8.76 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

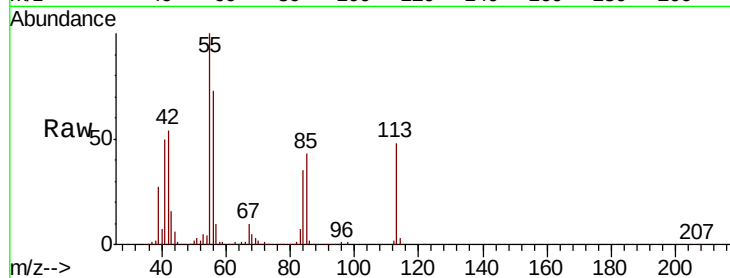
Tot Ion:113 Resp: 156474

Ion Ratio Lower Upper

113 100

55 209.8 163.3 203.3#

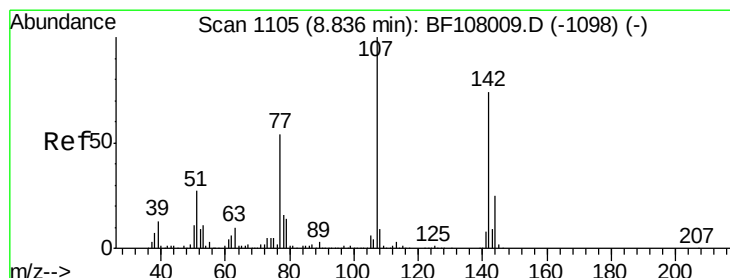
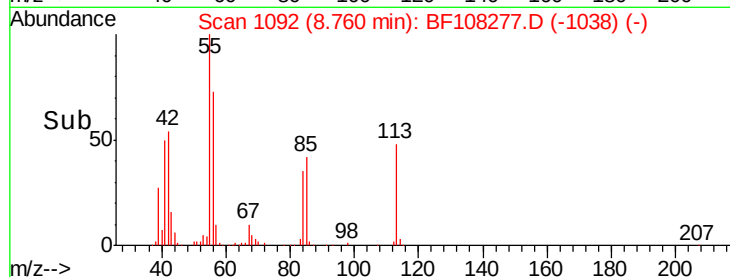
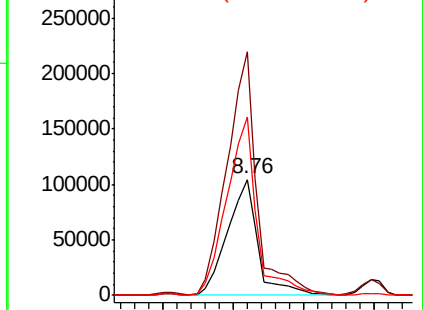
56 154.2 115.7 155.7



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: 38.525 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

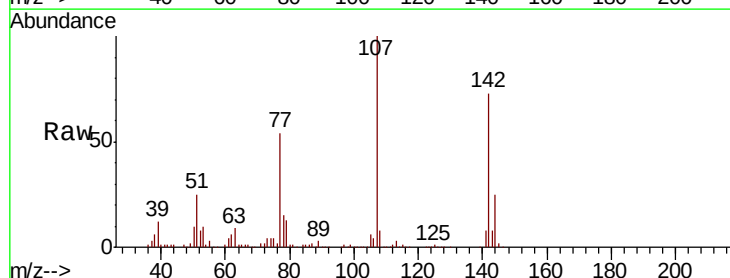
Tgt Ion:107 Resp: 526853

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

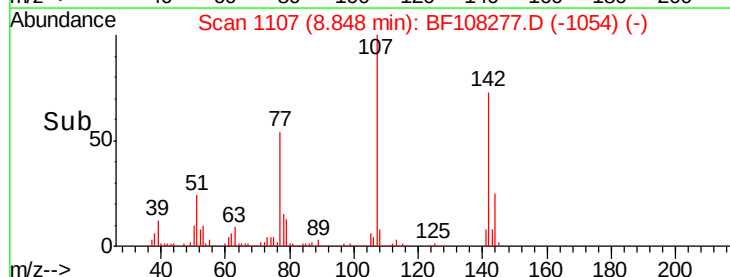
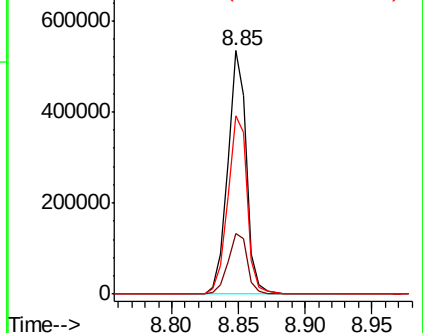
142 73.1 62.0 93.0

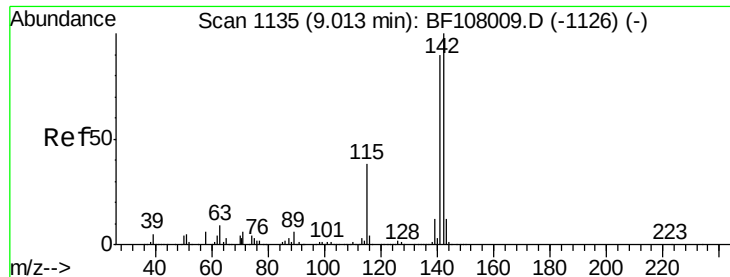


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

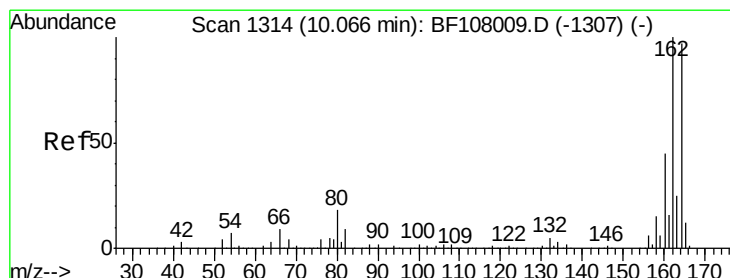
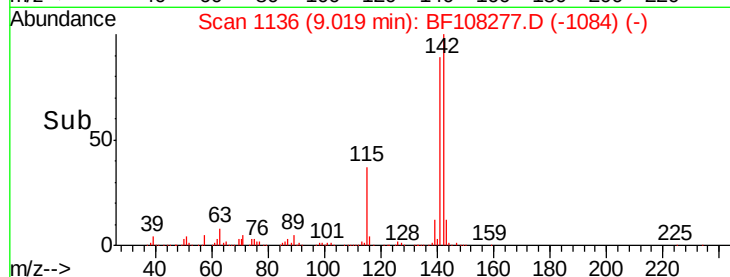
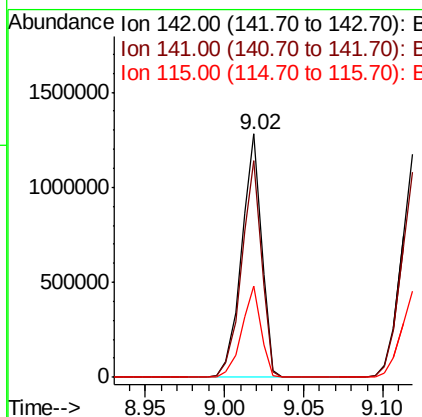
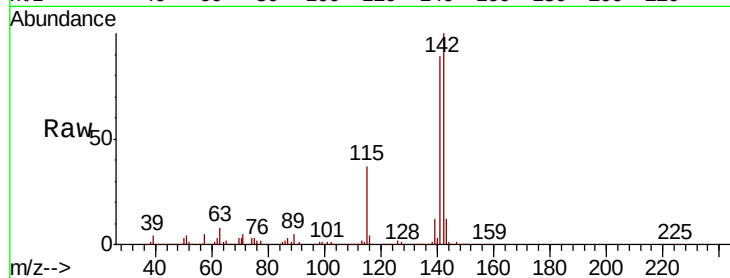




#37
2-Methylnaphthalene
Concen: 38.256 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

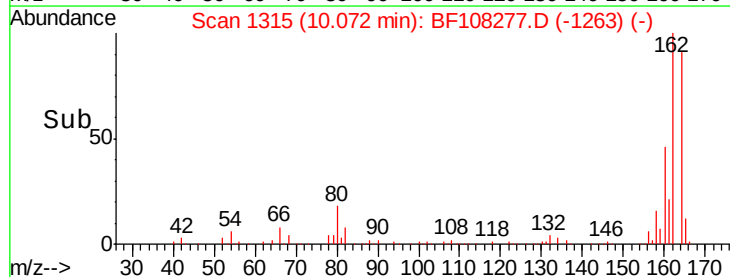
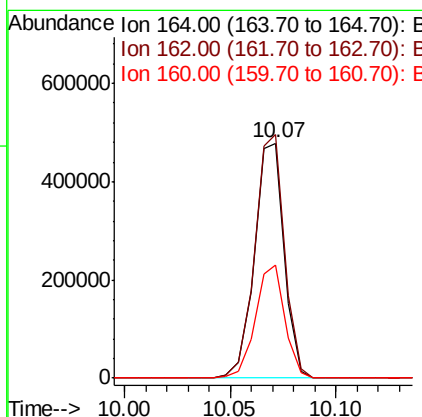
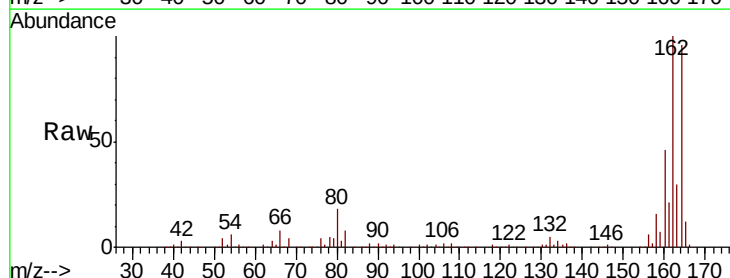
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

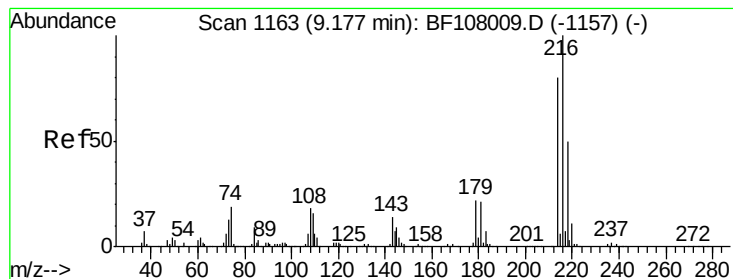
Tot Ion:142 Resp: 1118479
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 37.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:164 Resp: 467583
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 48.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.793 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 571388

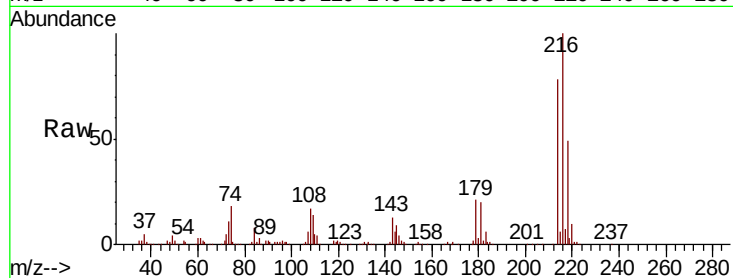
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 20.5 18.1 27.1

108 18.3 17.2 25.8

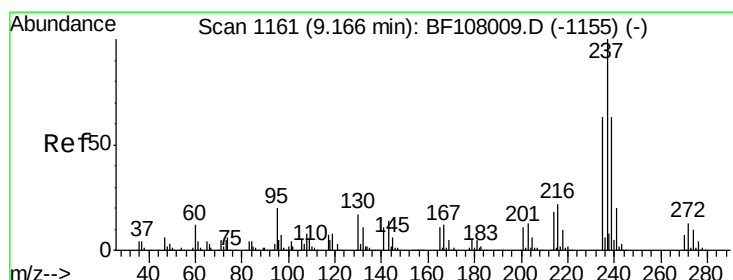
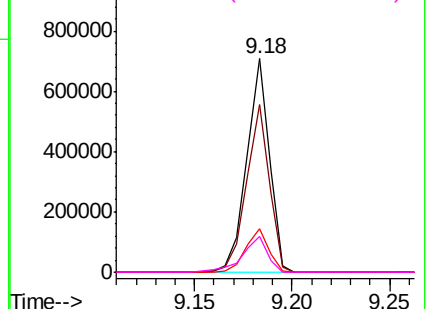
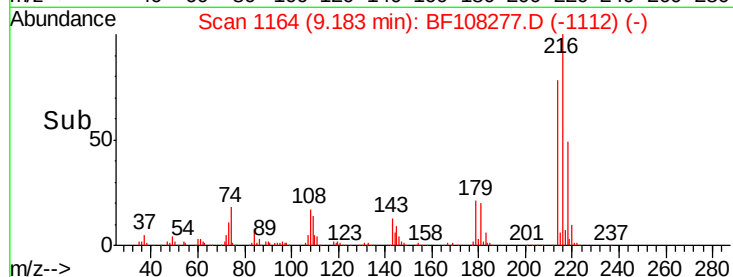


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 32.504 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

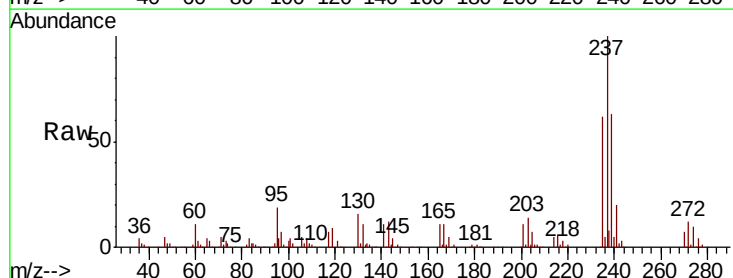
Tgt Ion:237 Resp: 301466

Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

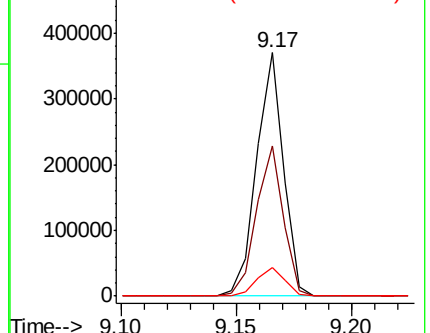
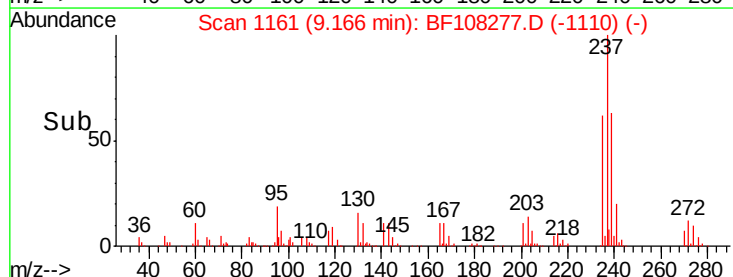
272 12.0 0.0 33.3

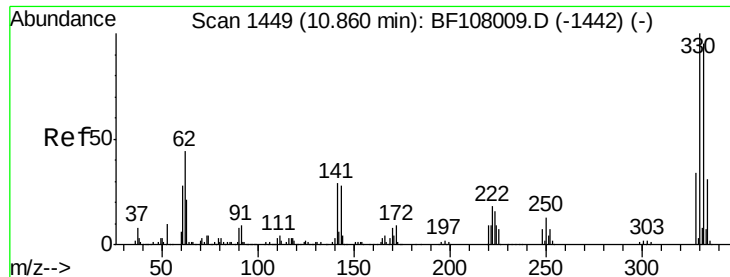


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

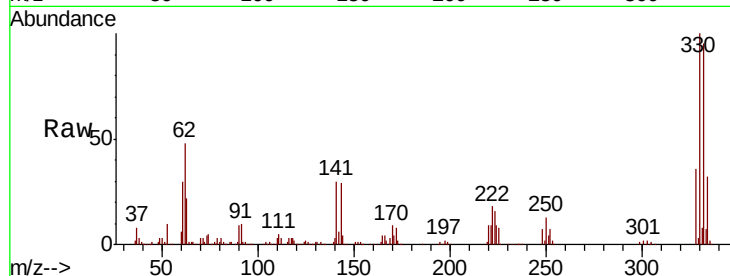




#41
 2,4,6-Tribromophenol
 Concen: 84.057 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.4	29.9	44.9

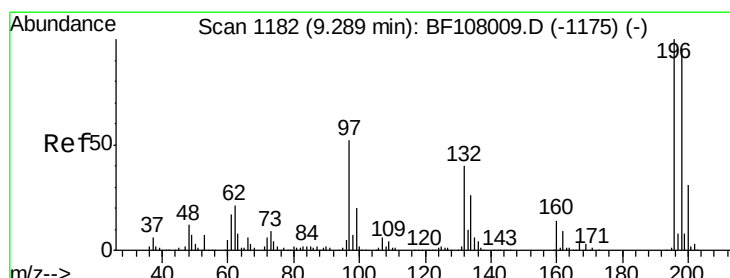
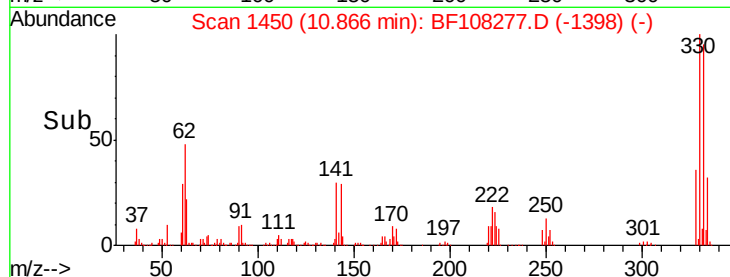
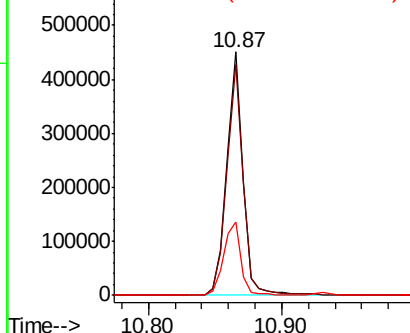


Abundance

Ion 329.80 (329.50 to 330.50): E

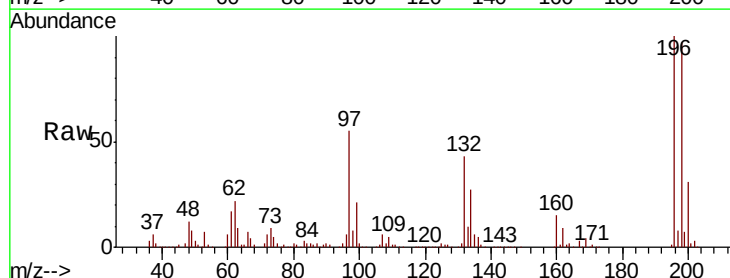
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.679 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	31.1	24.5	36.7

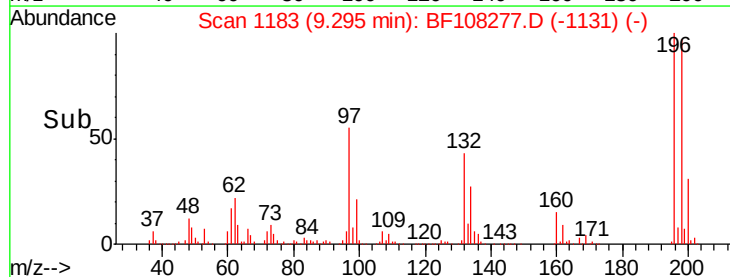
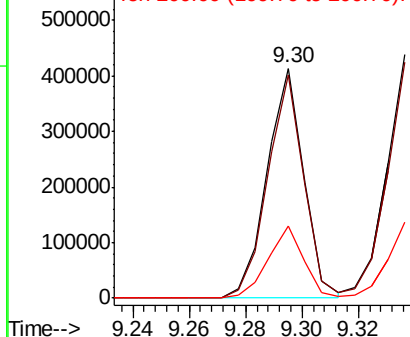


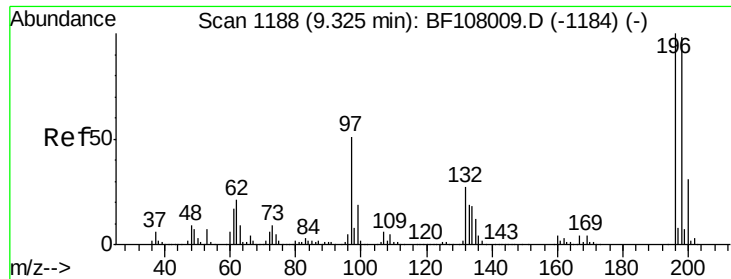
Abundance

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

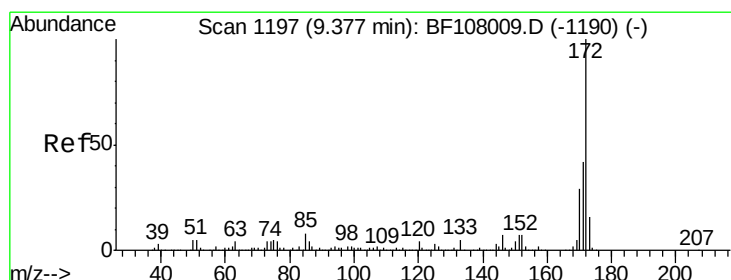
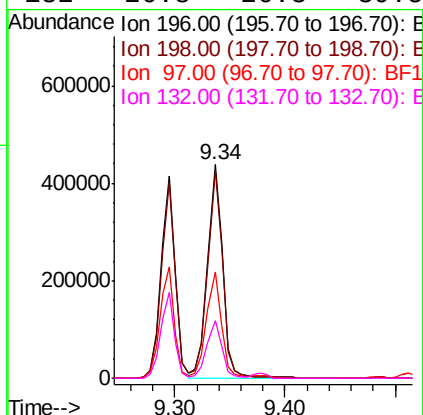
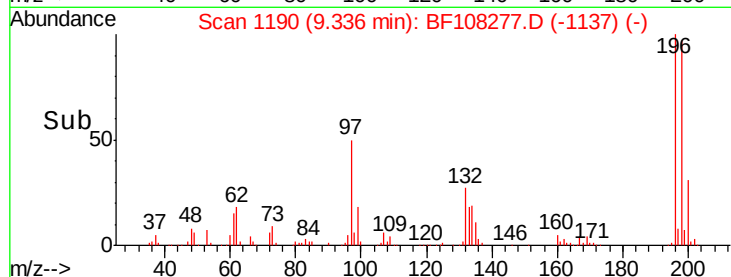
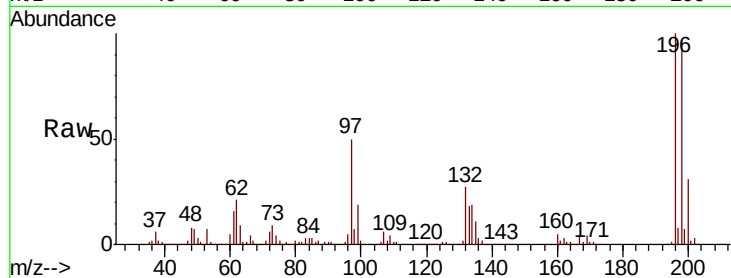




#43
 2,4,5-Trichlorophenol
 Concen: 41.322 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

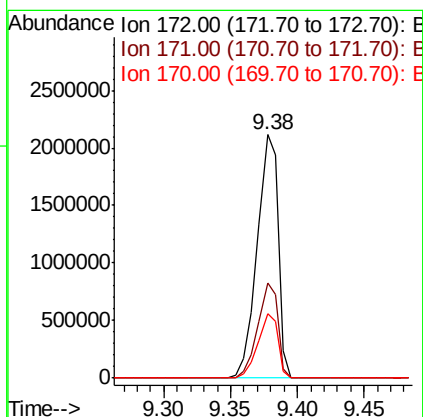
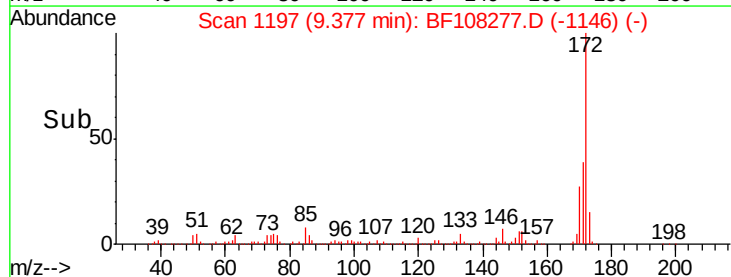
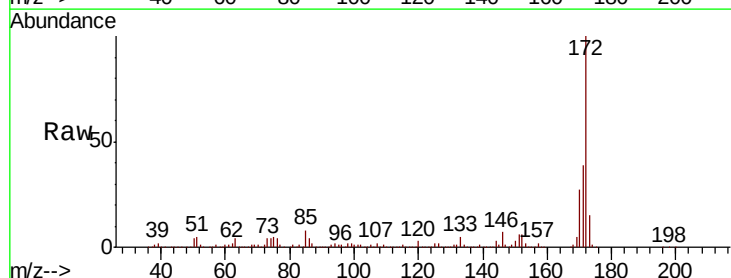
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

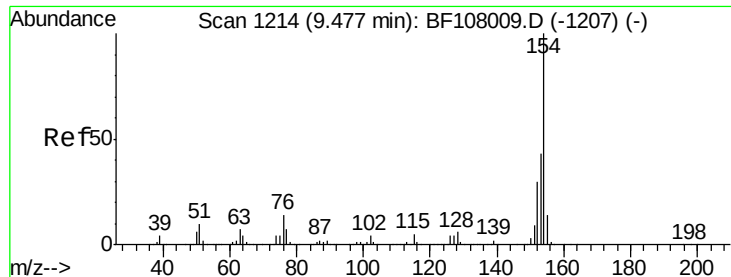
Tot Ion	196	Resp	405318
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	50.0	42.9	64.3
132	26.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 77.548 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	172	Resp	2258550
Ion Ratio	Lower	Upper	
172	100		
171	38.9	29.7	44.5
170	26.6	19.6	29.4

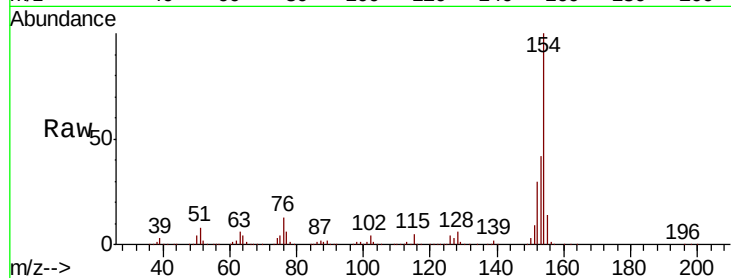




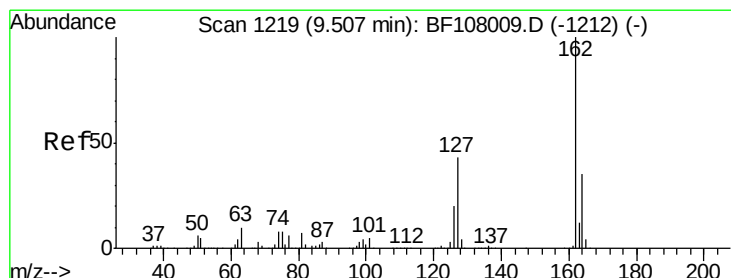
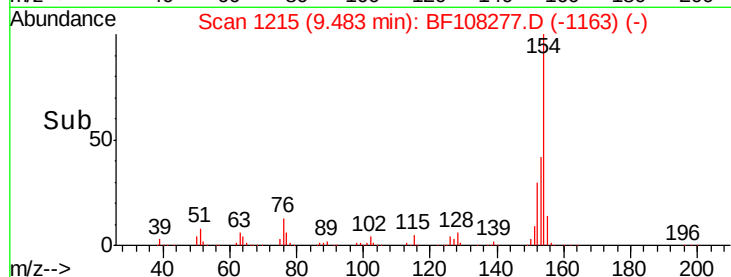
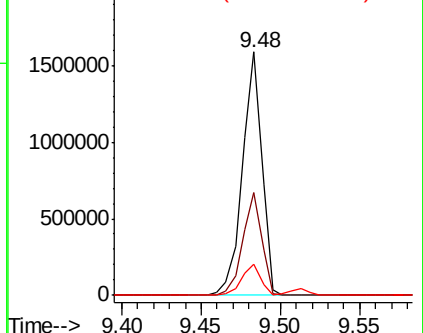
#45
 1,1'-Biphenyl
 Concen: 38.918 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1341684
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 12.9 0.0 34.0

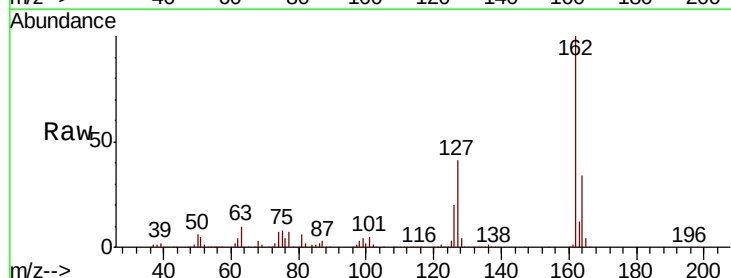


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

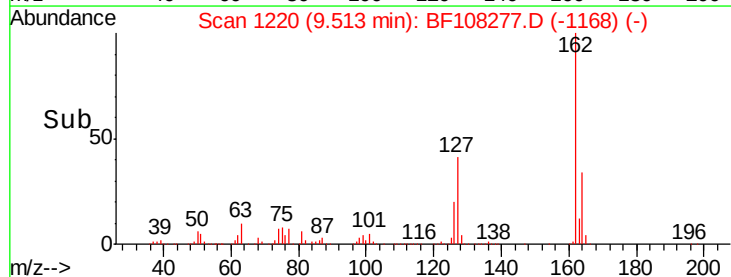
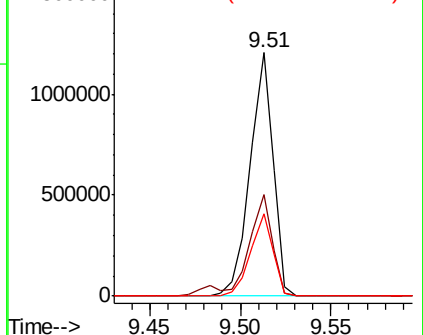


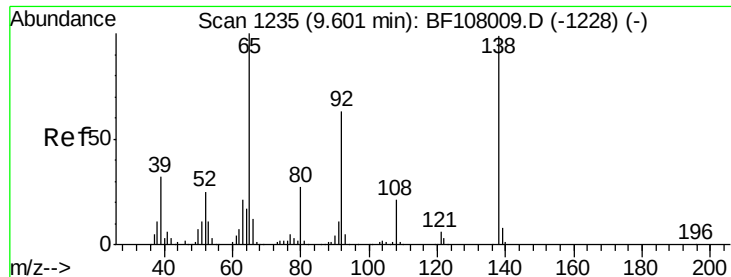
#46
 2-Chloronaphthalene
 Concen: 39.027 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion:162 Resp: 1063405
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 34.0 26.5 39.7



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

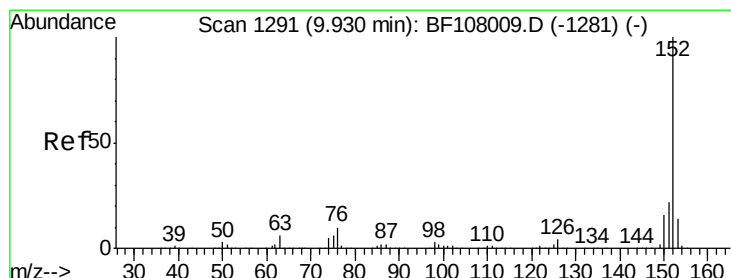
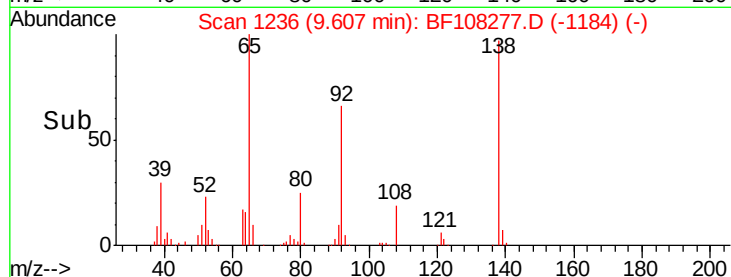
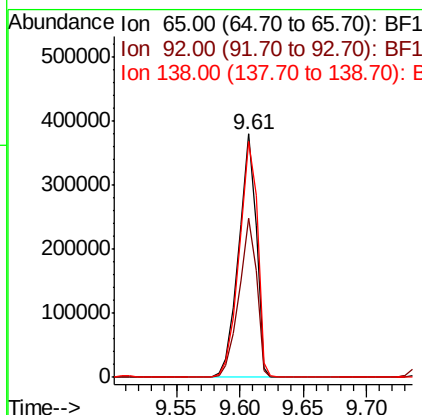
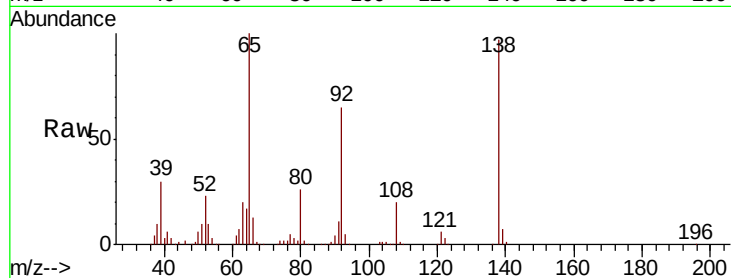




#47
2-Nitroaniline
Concen: 40.787 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

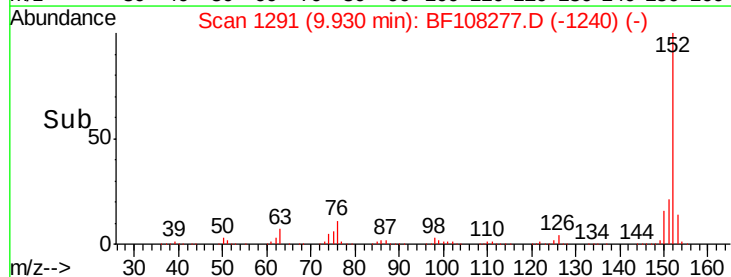
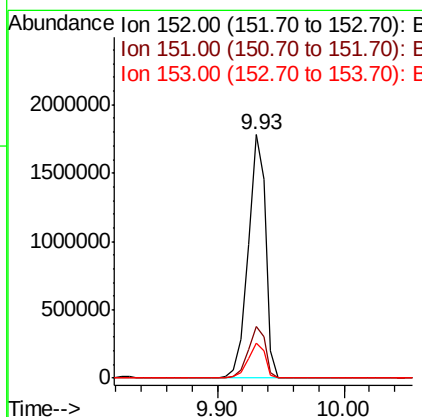
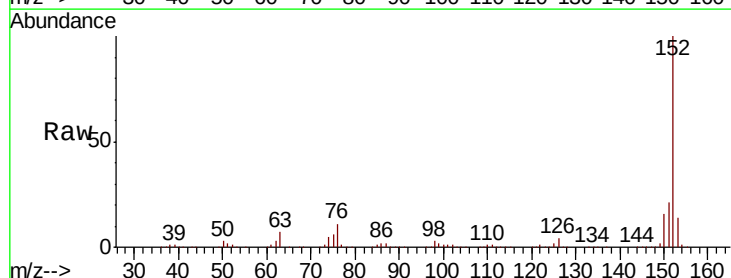
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

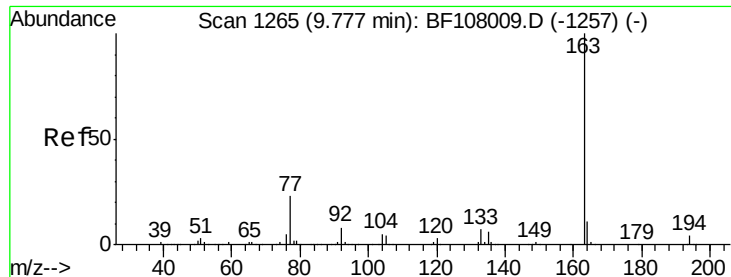
Tot Ion: 65 Resp: 359595
Ion Ratio Lower Upper
65 100
92 65.4 55.8 83.6
138 96.7 91.2 136.8



#48
Acenaphthylene
Concen: 39.210 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion: 152 Resp: 1689029
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.2 10.7 16.1

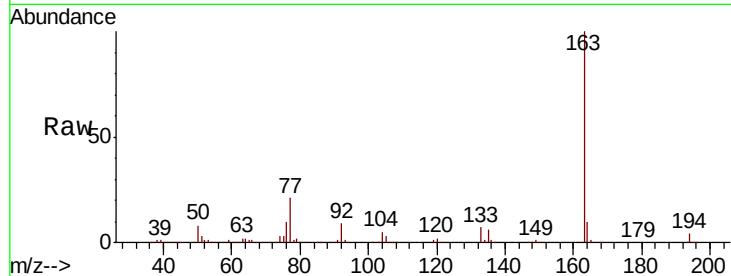




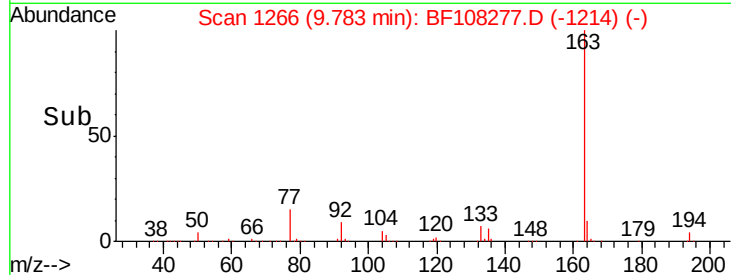
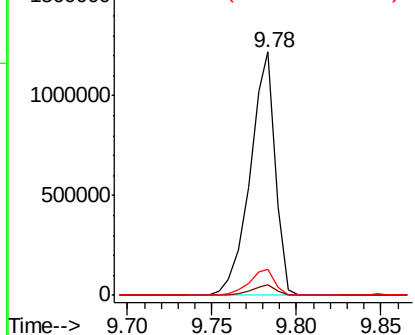
#49
Dimethylphthalate
Concen: 38.970 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1269296
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2

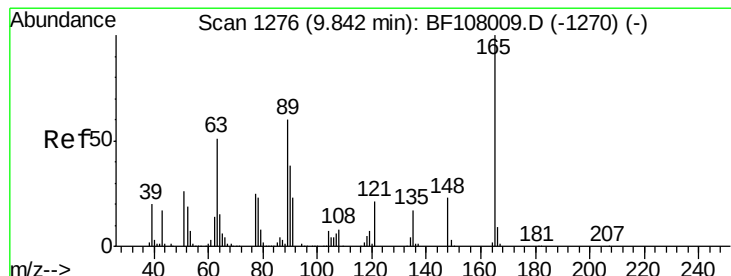


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

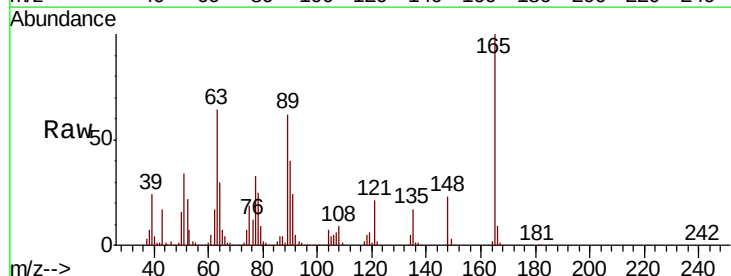
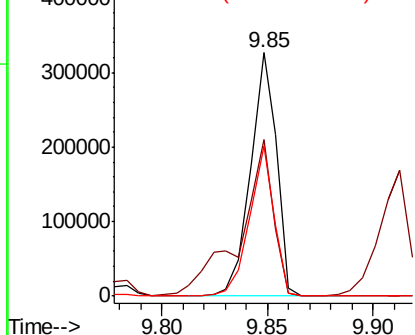


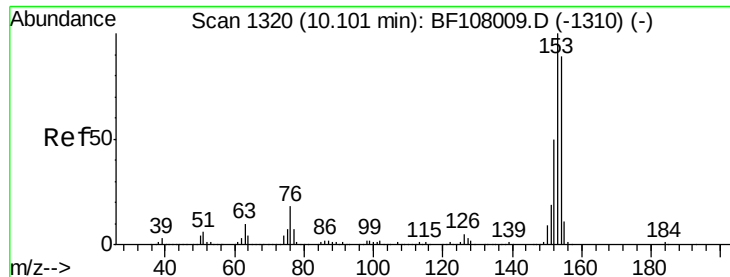
#50
2,6-Dinitrotoluene
Concen: 41.019 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:165 Resp: 279523
Ion Ratio Lower Upper
165 100
63 64.2 44.7 67.1
89 61.9 44.0 66.0



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





#51

Acenaphthene

Concen: 39.203 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

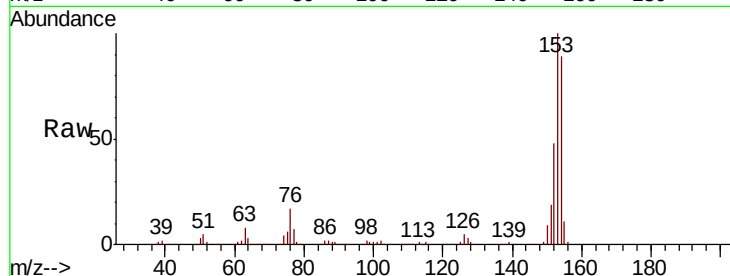
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1034344

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.7	43.8	65.8

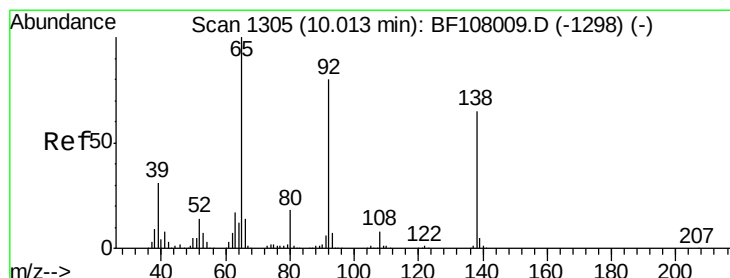
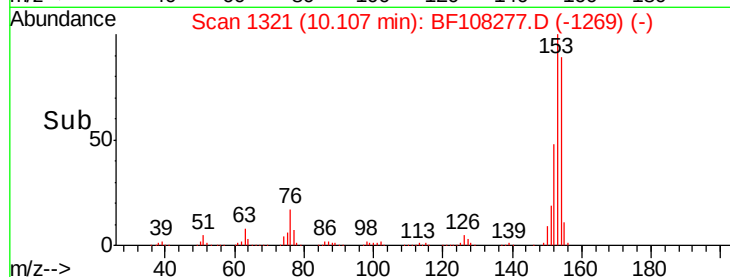
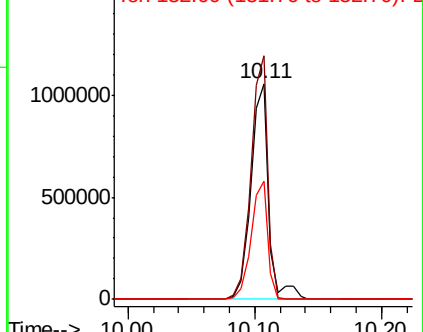


Abundance

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



#52

3-Nitroaniline

Concen: 40.775 ng

RT: 10.02 min Scan# 1307

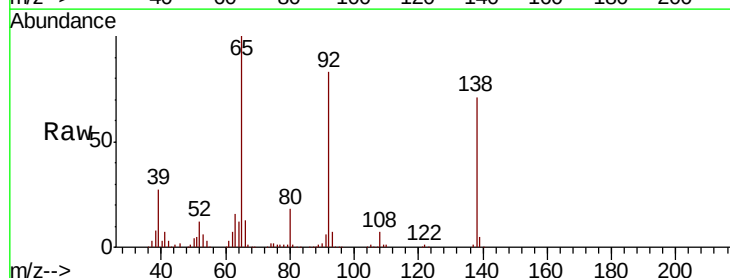
Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:138 Resp: 304016

Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	117.5	89.4	134.2

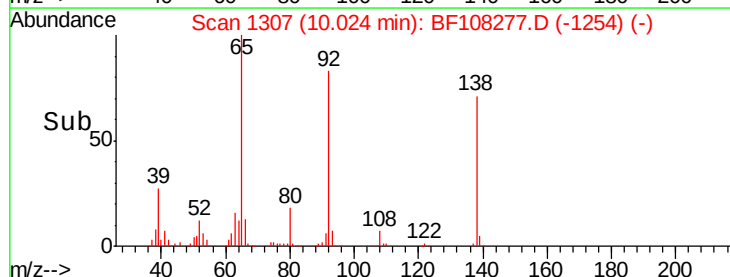
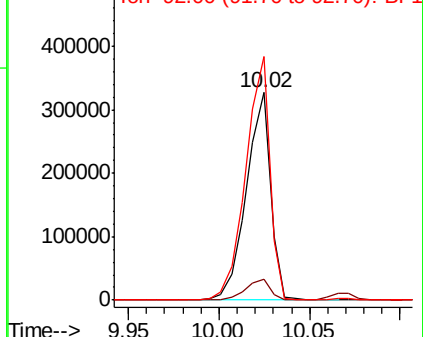


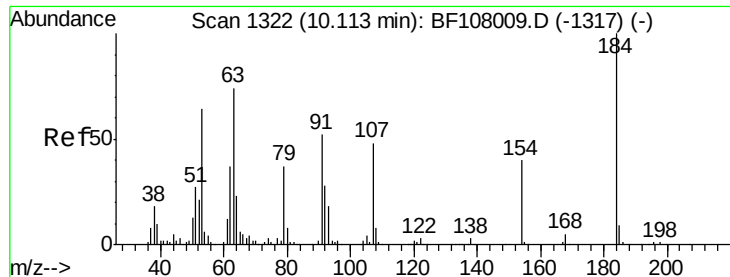
Abundance

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

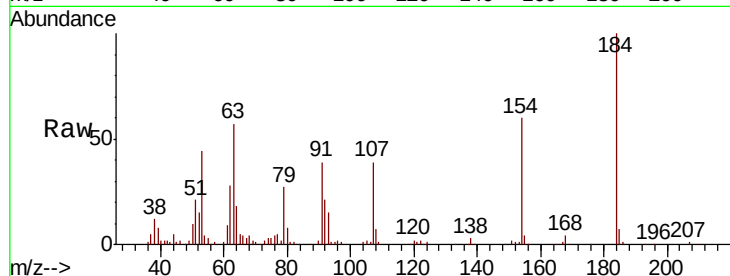




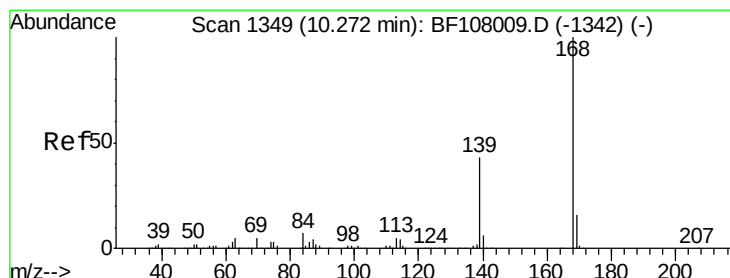
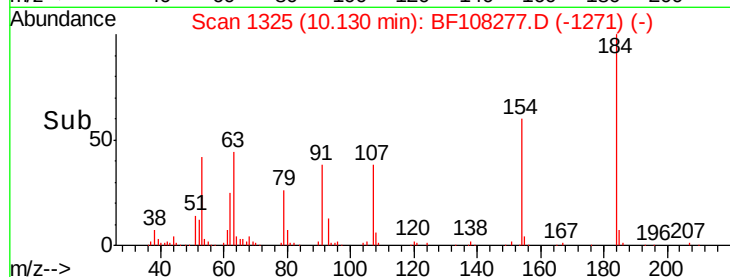
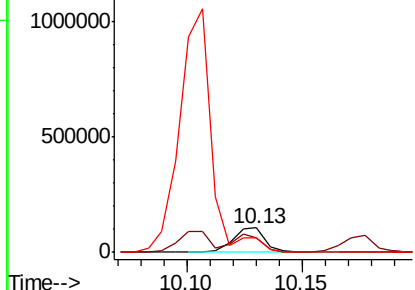
#53
2,4-Dinitrophenol
Concen: 43.857 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 102980
Ion Ratio Lower Upper
184 100
63 57.4 54.2 81.2
154 59.6 184.0 276.0#

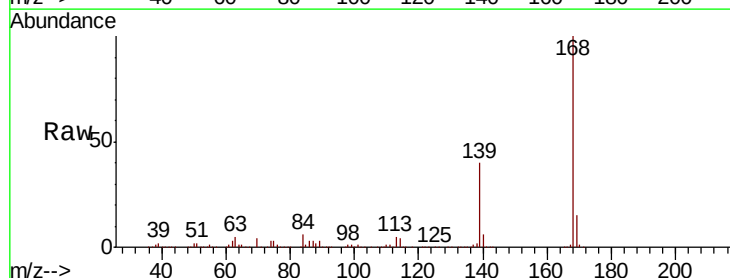


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

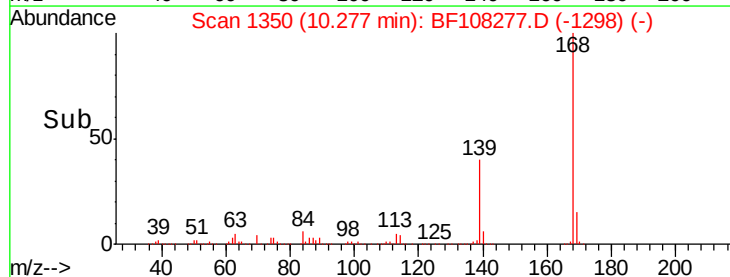
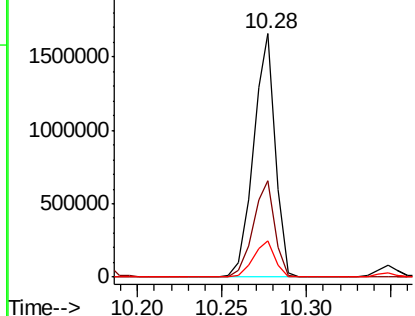


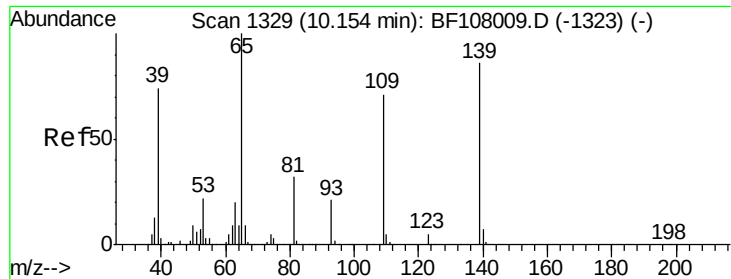
#54
Dibenzofuran
Concen: 38.913 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:168 Resp: 1487433
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

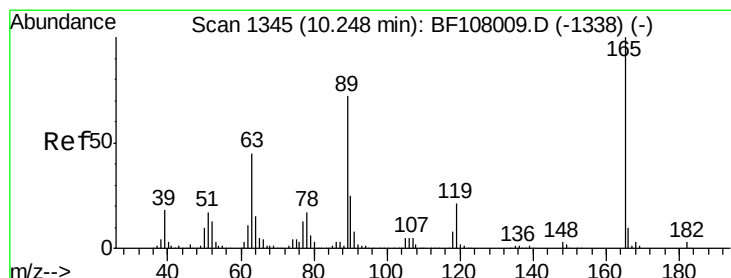
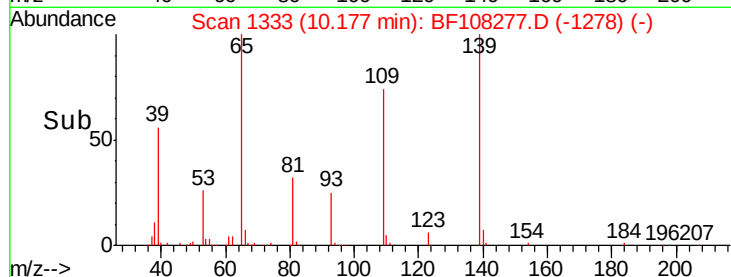
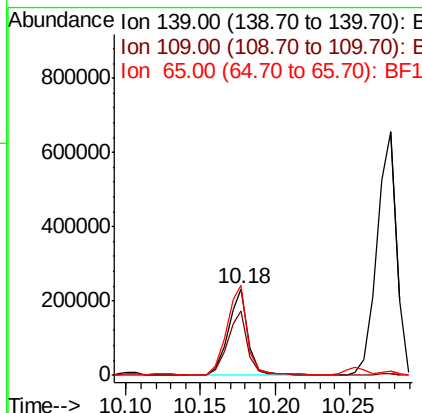
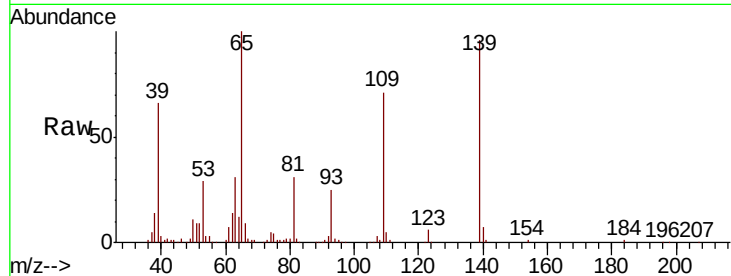




#55
4-Nitrophenol
Concen: 38.900 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

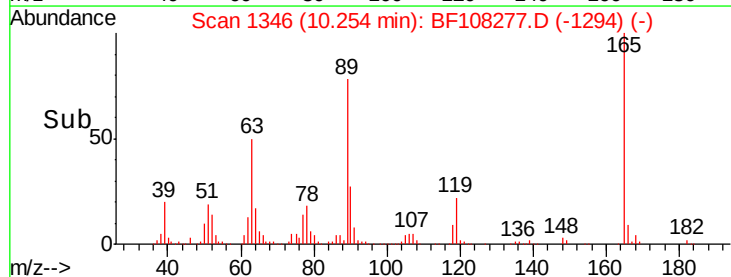
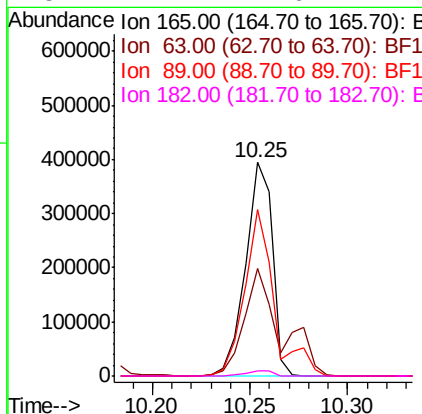
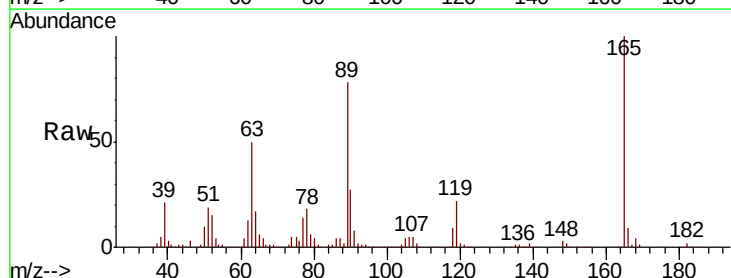
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

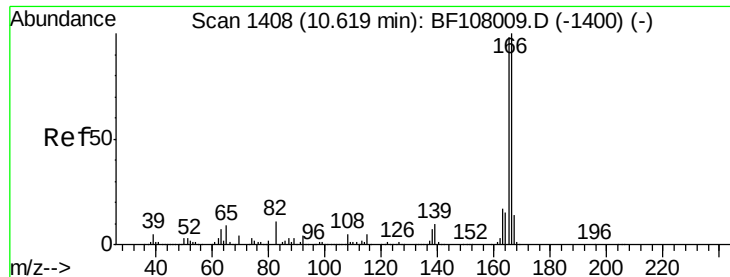
Tot Ion:139 Resp: 219630
Ion Ratio Lower Upper
139 100
109 74.3 48.4 88.4
65 104.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.709 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:165 Resp: 374628
Ion Ratio Lower Upper
165 100
63 50.3 36.4 54.6
89 78.2 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 39.278 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

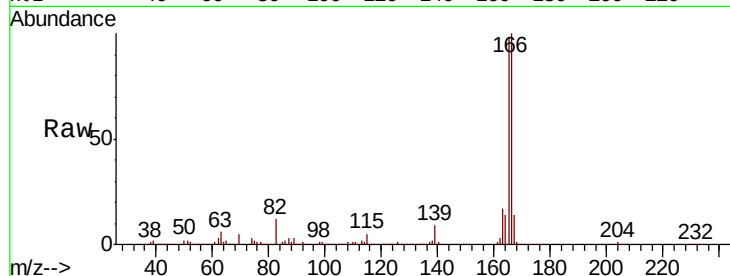
Tot Ion:166 Resp: 1188523

Ion Ratio Lower Upper

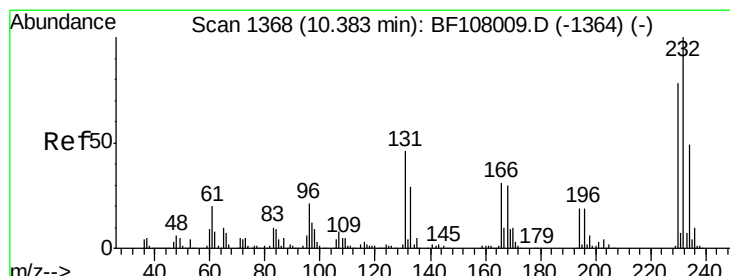
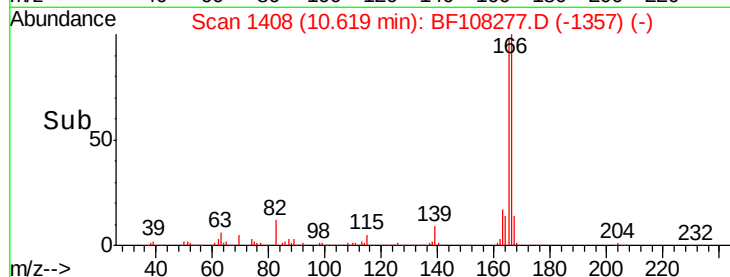
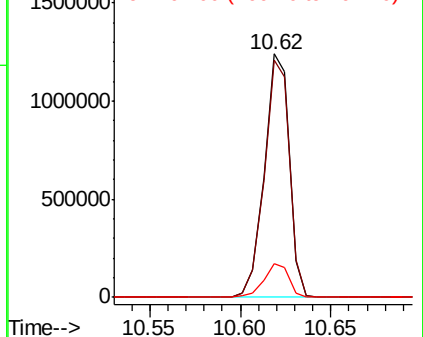
166 100

165 97.7 79.8 119.8

167 13.8 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.509 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:232 Resp: 340312

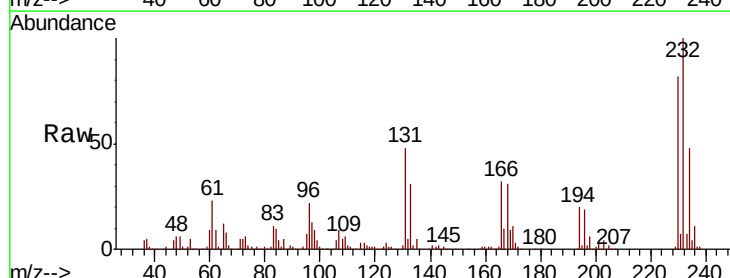
Ion Ratio Lower Upper

232 100

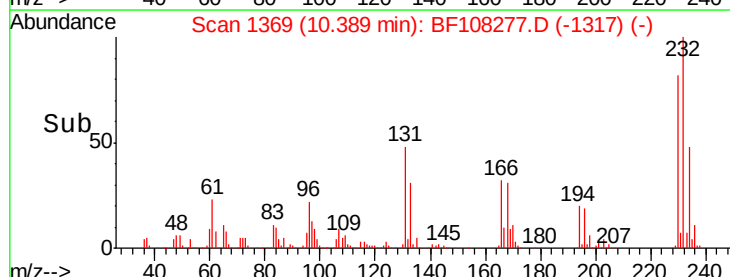
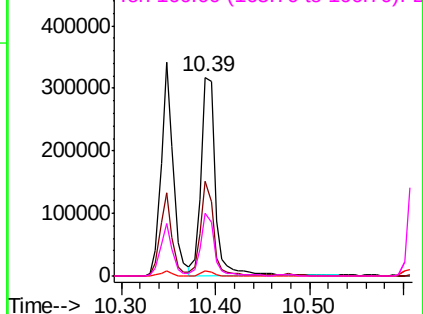
131 43.5 43.8 65.8#

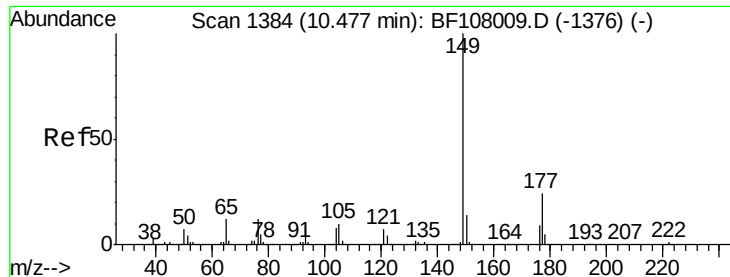
130 2.2 2.1 3.1

166 28.9 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

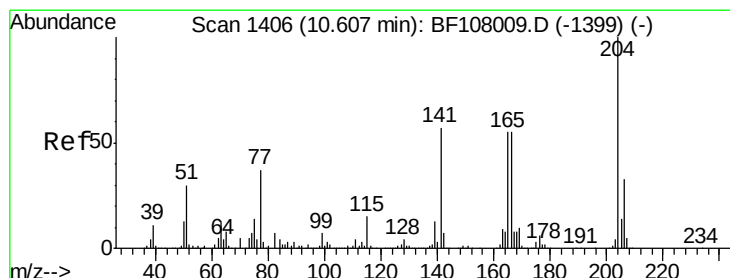
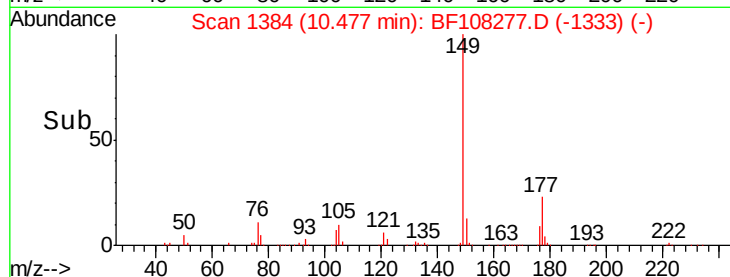
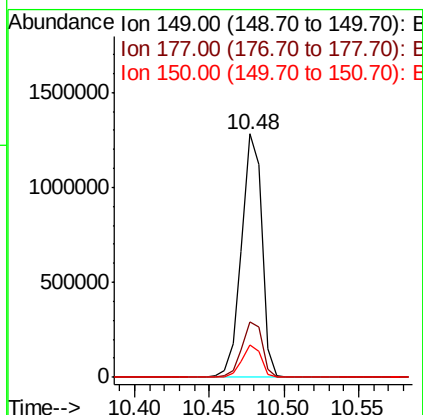
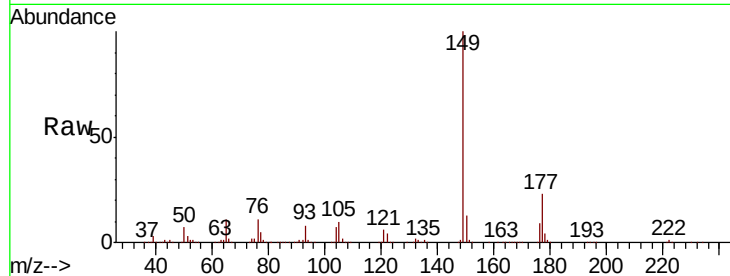




#59
Diethylphthalate
Concen: 38.569 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

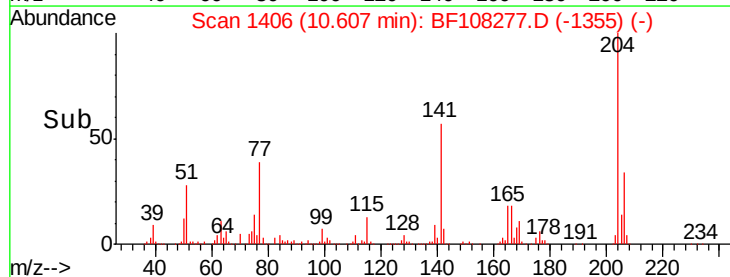
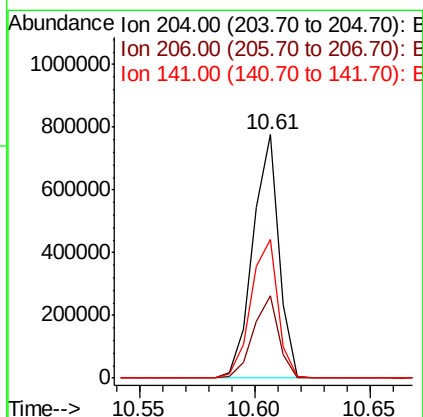
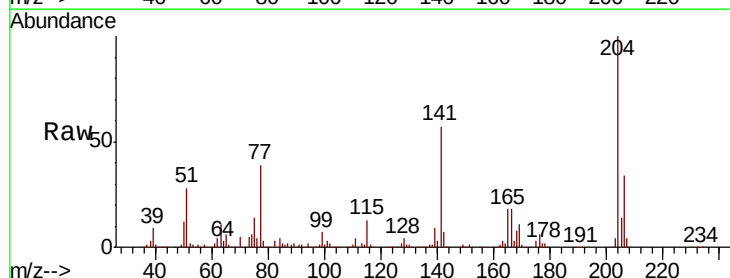
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

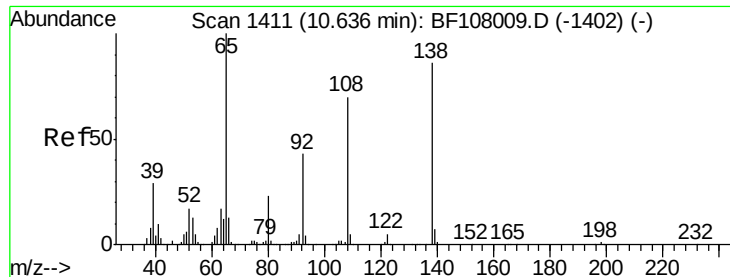
Tot Ion:149 Resp: 1216451
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 13.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.862 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion:204 Resp: 612759
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 56.7 54.6 81.8

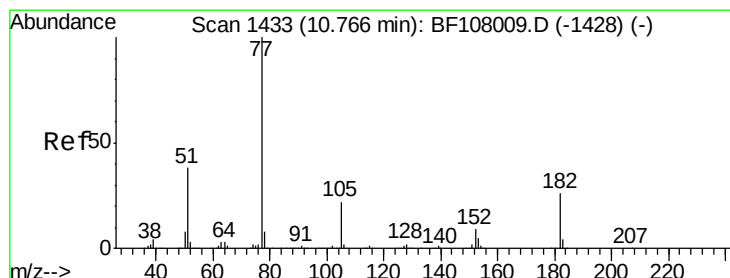
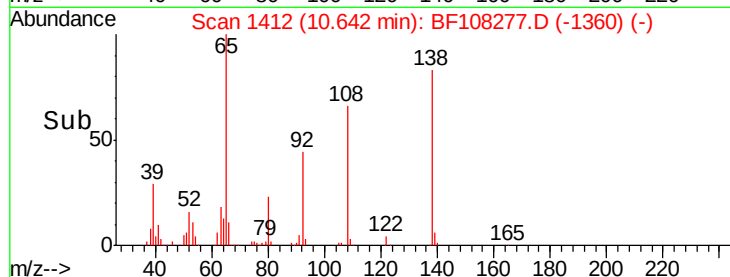
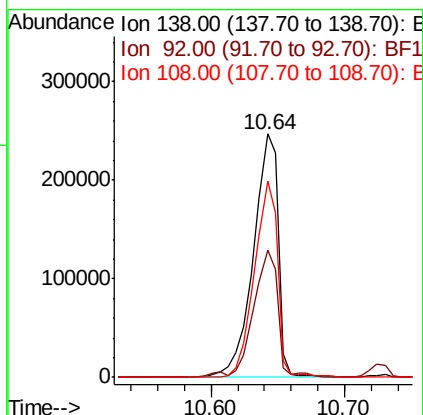
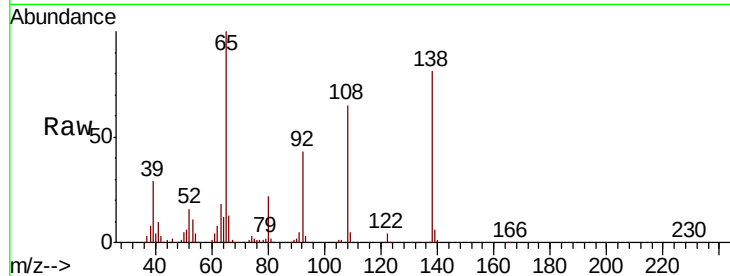




#61
4-Nitroaniline
Concen: 42.786 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

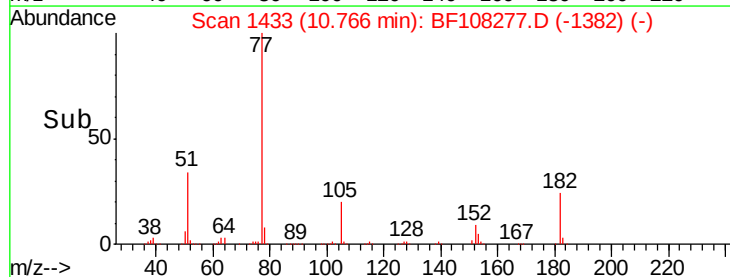
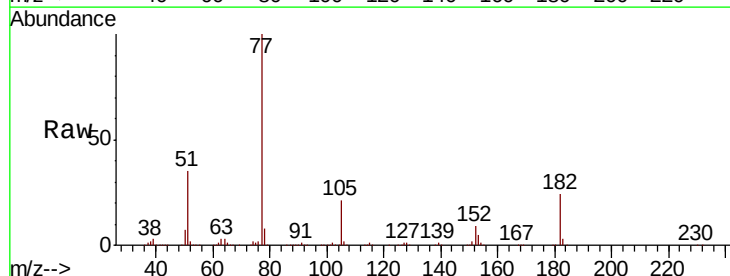
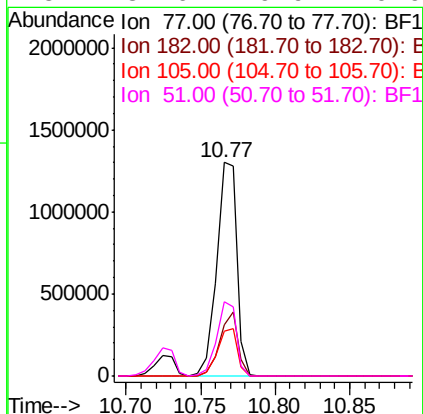
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

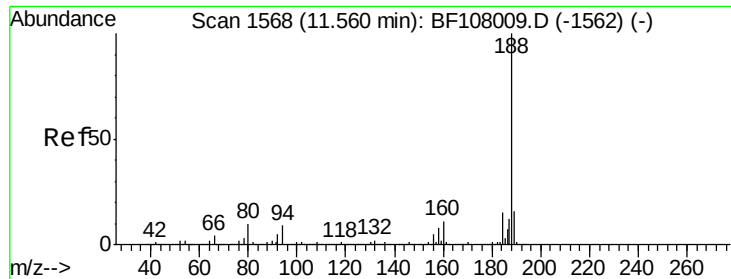
Tot Ion:138 Resp: 315395
Ion Ratio Lower Upper
138 100
92 52.4 30.2 70.2
108 80.5 52.5 92.5



#62
Azobenzene
Concen: 37.839 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion: 77 Resp: 1232480
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 21.1 3.0 43.0
51 34.6 9.9 49.9

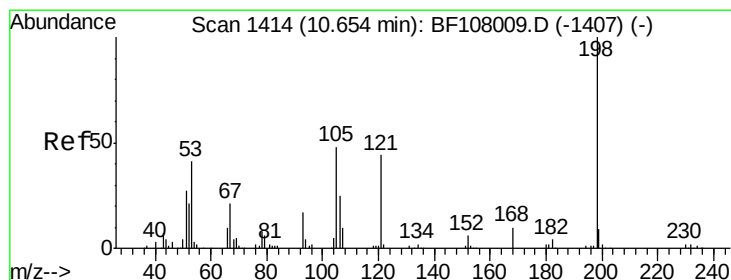
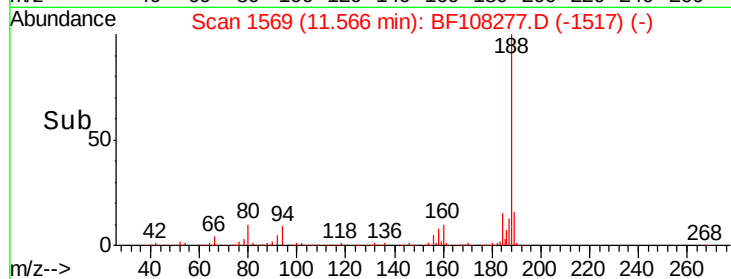
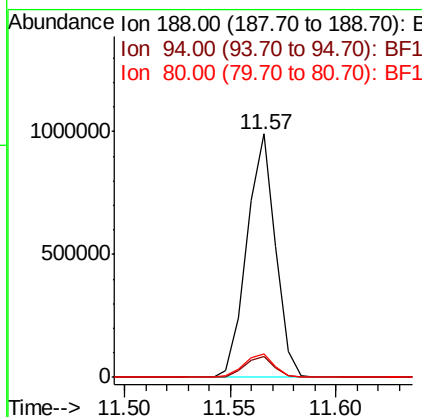
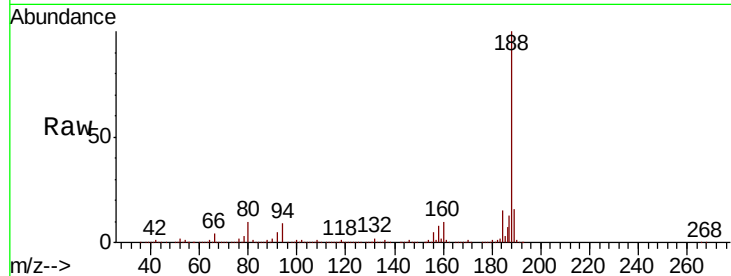




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

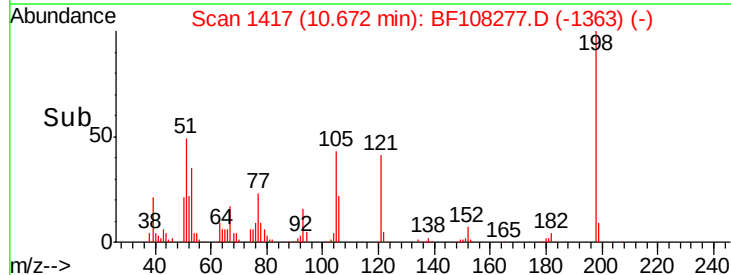
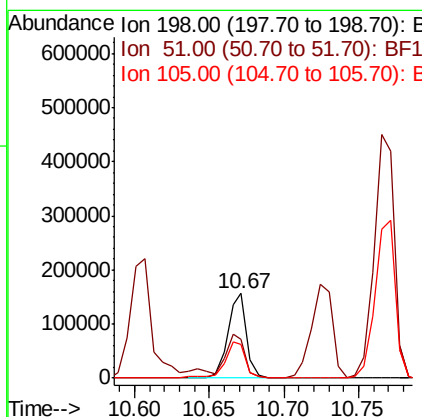
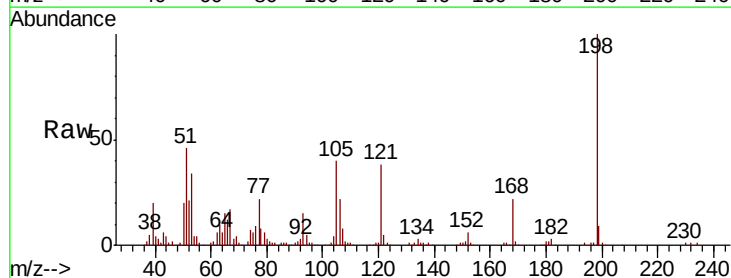
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

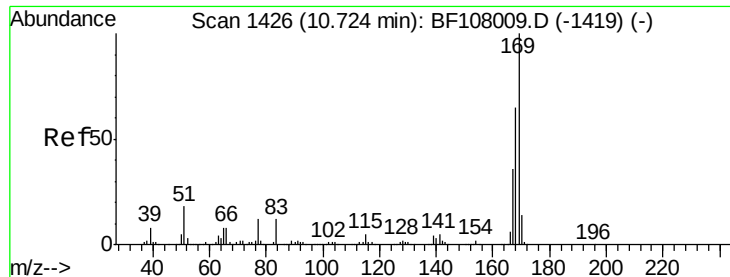
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.6	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.784 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.7	37.7	77.7
105	39.9	36.3	76.3



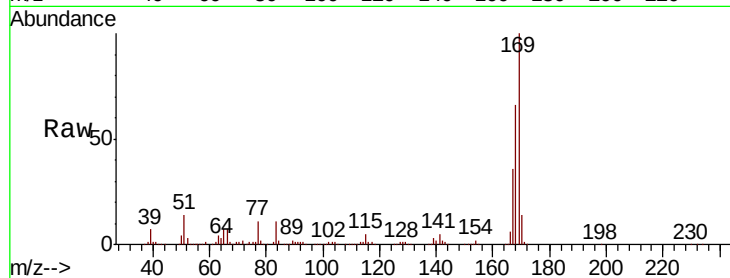


#65
 n-Nitrosodiphenylamine
 Concen: 39.232 ng
 RT: 10.73 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

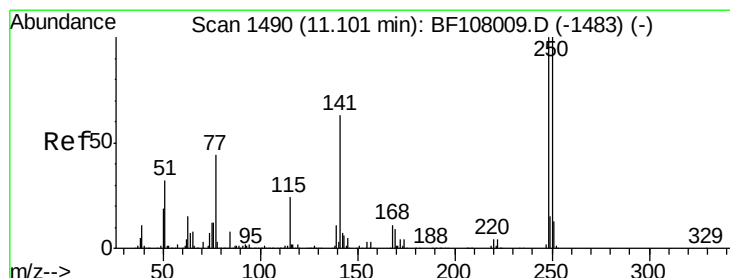
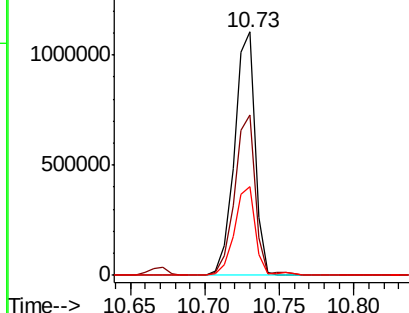
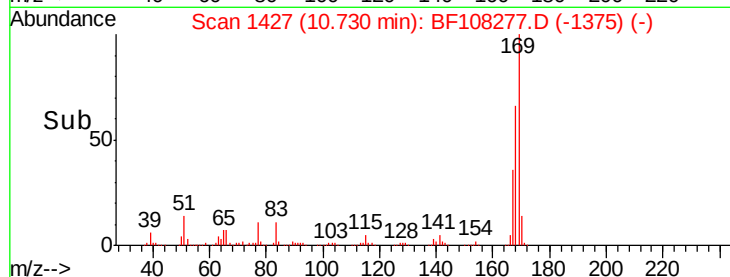
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:169 Resp: 1076844

Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	36.3	29.8	44.6



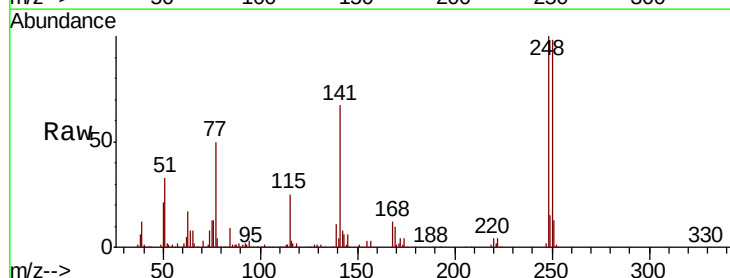
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



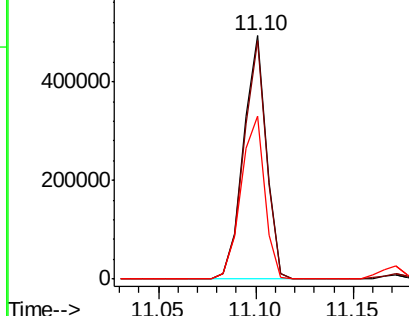
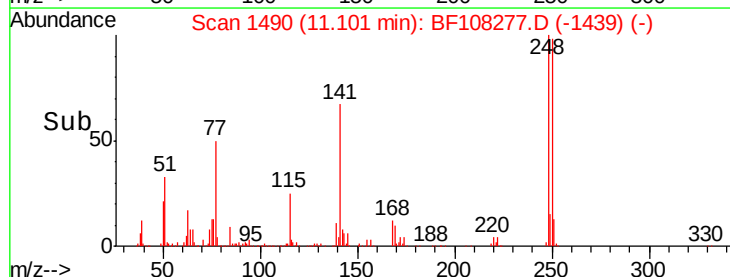
#66
 4-Bromophenyl-phenylether
 Concen: 39.757 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

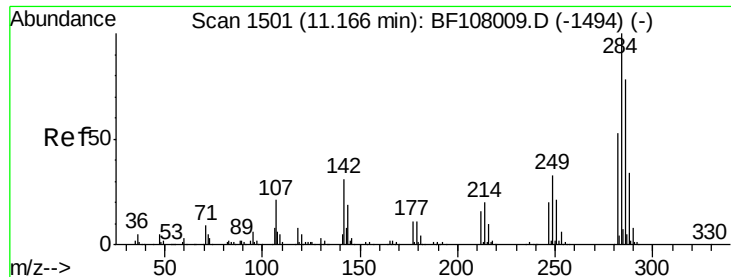
Tgt Ion:248 Resp: 401311

Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	67.0	74.4	111.6#



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

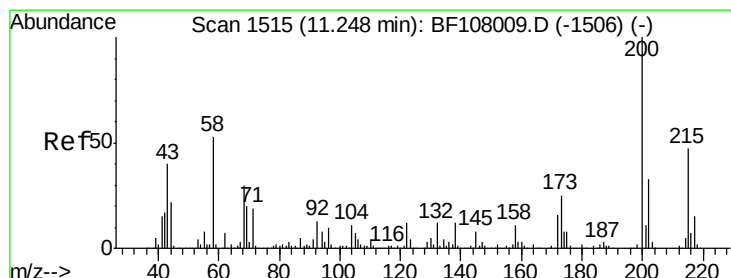
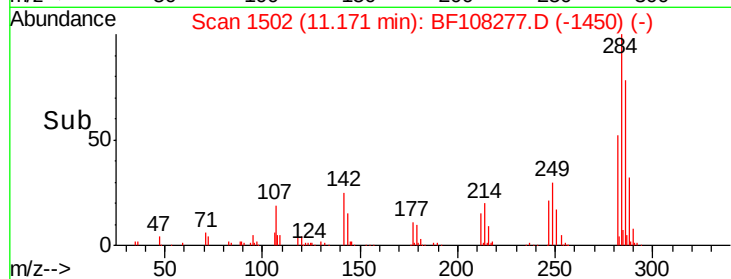
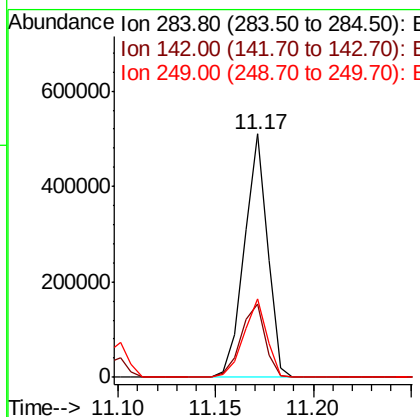
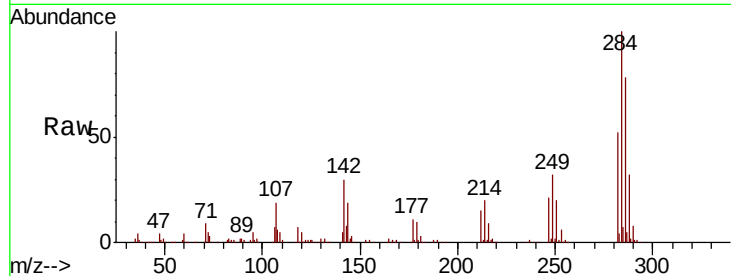




#67
Hexachlorobenzene
Concen: 39.492 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

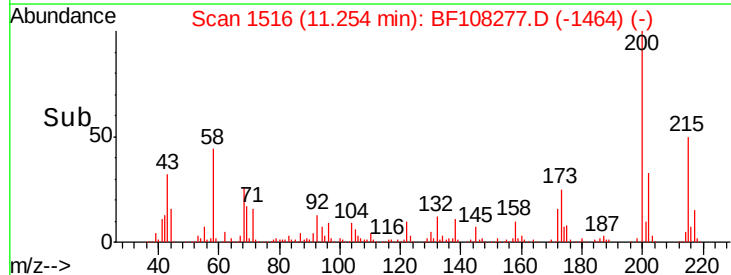
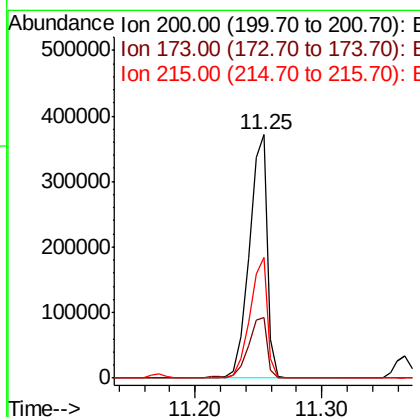
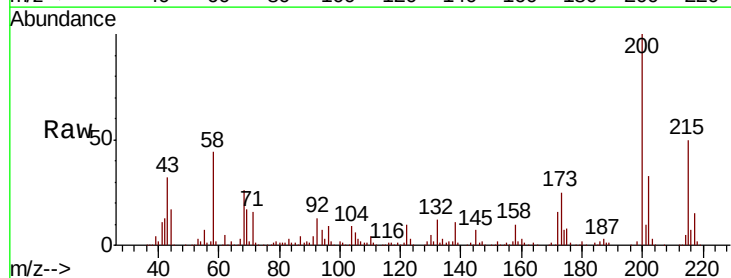
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

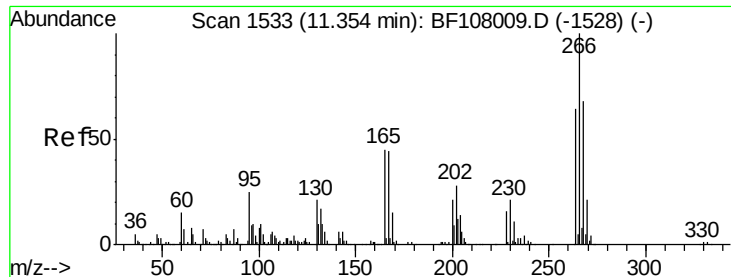
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	34.6	52.0#
249	32.2	24.8	37.2



#68
Atrazine
Concen: 39.582 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	8.6	48.6
215	49.6	25.1	65.1

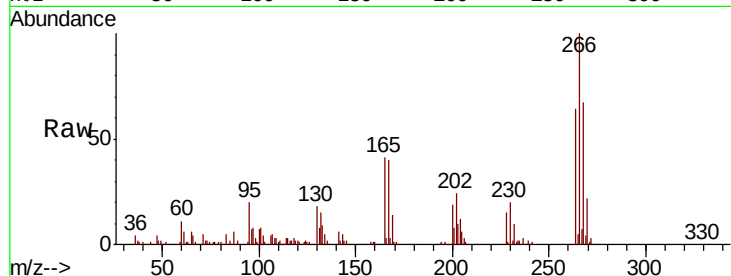




#69
 Pentachlorophenol
 Concen: 38.072 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	63.6	49.5	74.3

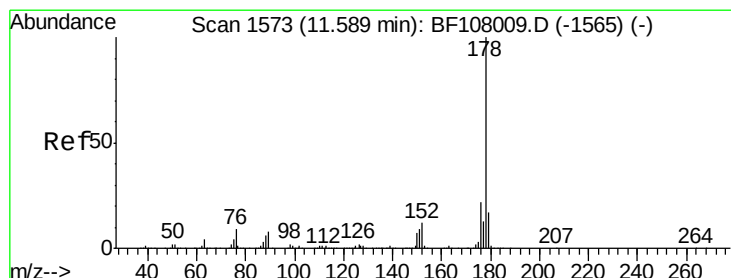
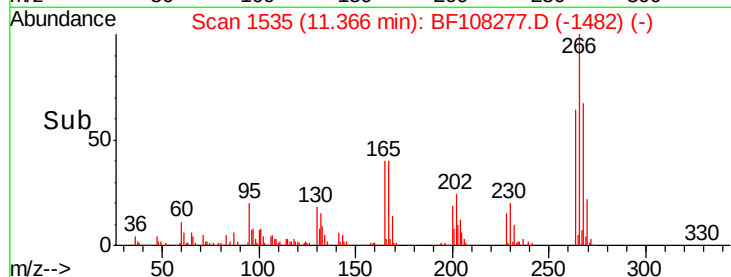
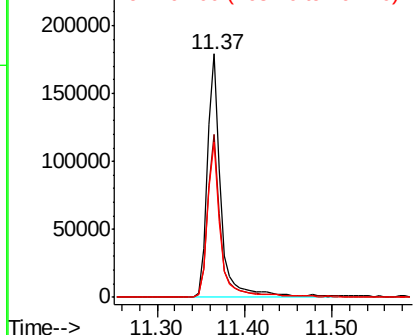


Abundance

Ion 265.70 (265.40 to 266.40): E

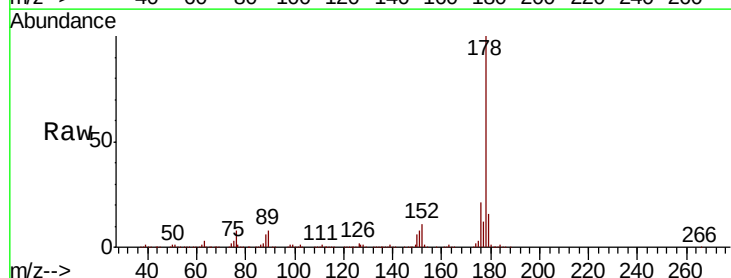
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.068 ng
 RT: 11.59 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.3	13.0	19.6

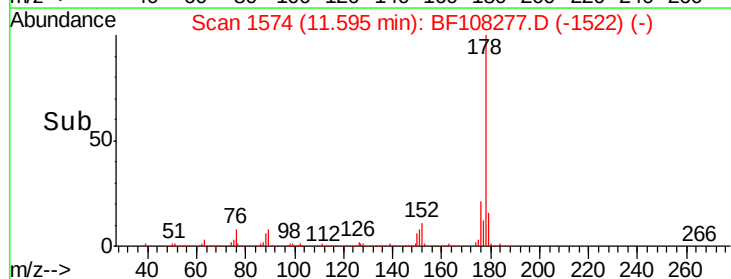
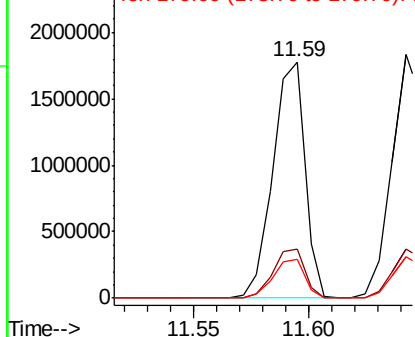


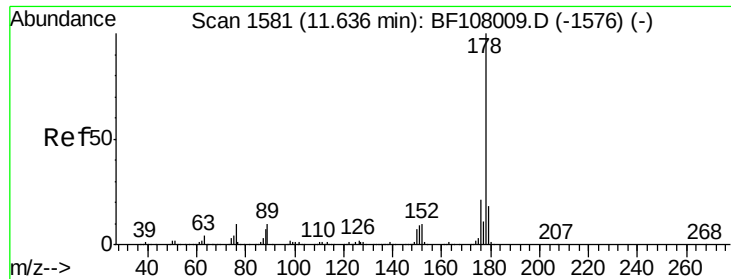
Abundance

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

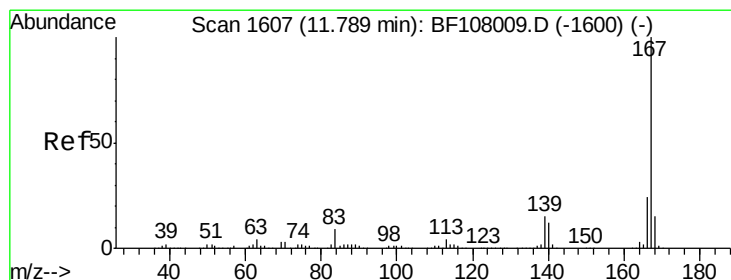
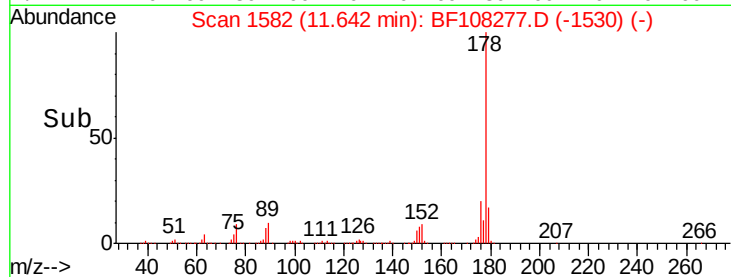
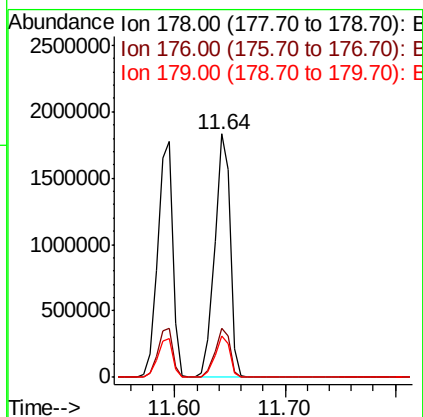
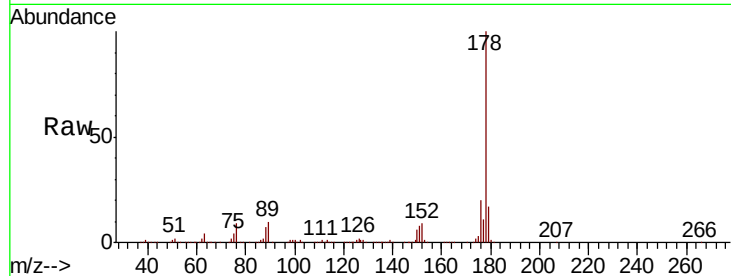




#71
 Anthracene
 Concen: 39.116 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

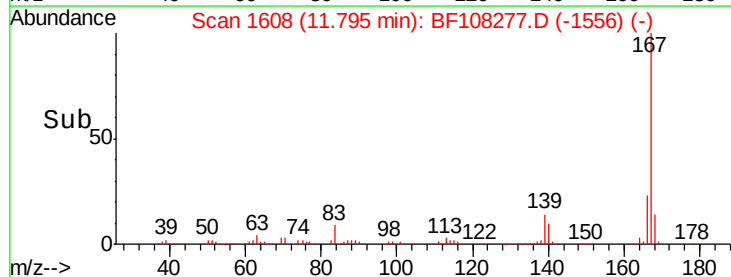
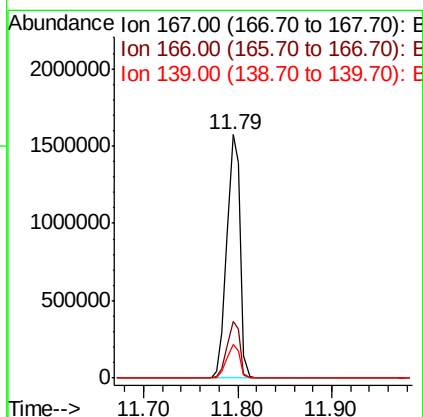
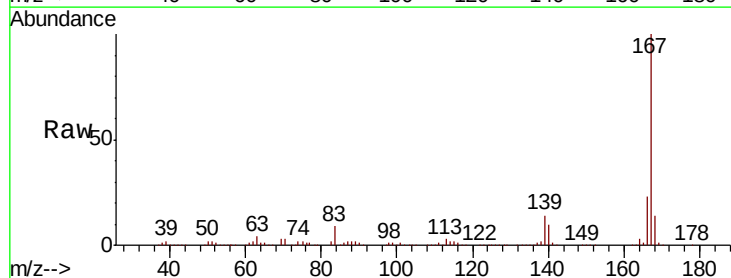
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

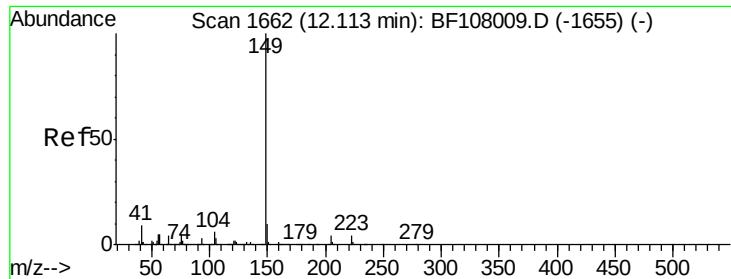
Tot Ion:178 Resp: 1756417
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 38.862 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion:167 Resp: 1550392
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.311 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

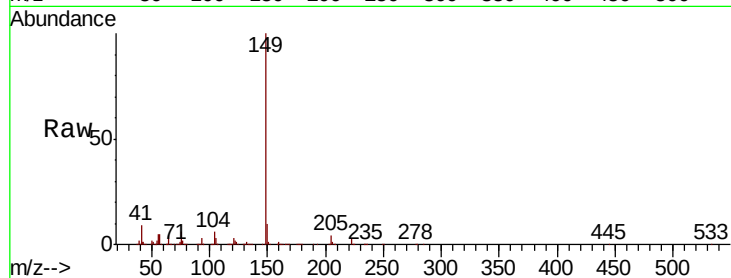
Tot Ion:149 Resp: 1821586

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

104 5.7 3.8 5.8

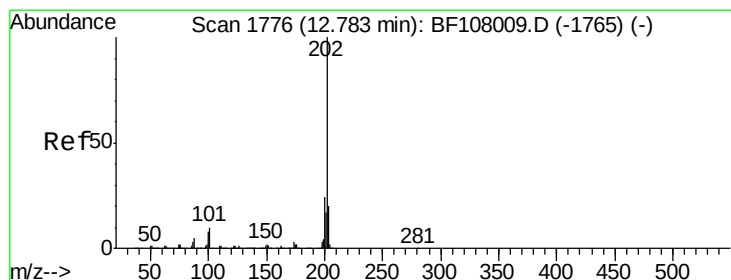
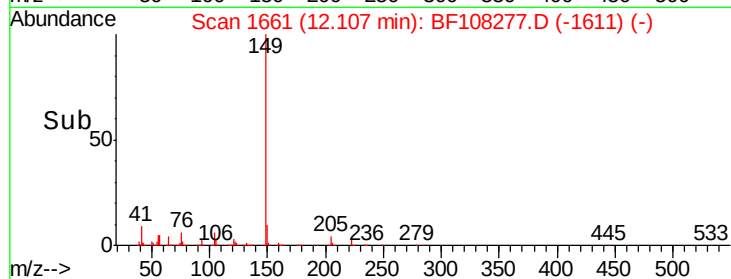
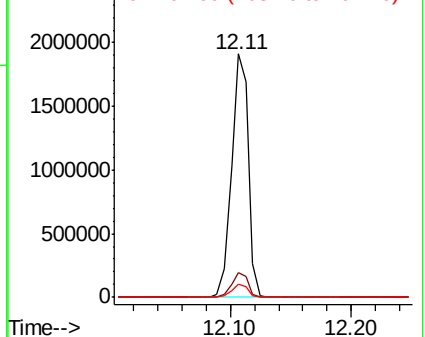


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.767 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

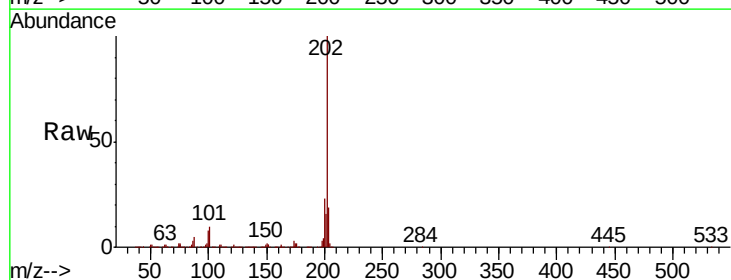
Tgt Ion:202 Resp: 1805751

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

203 19.2 0.0 38.1

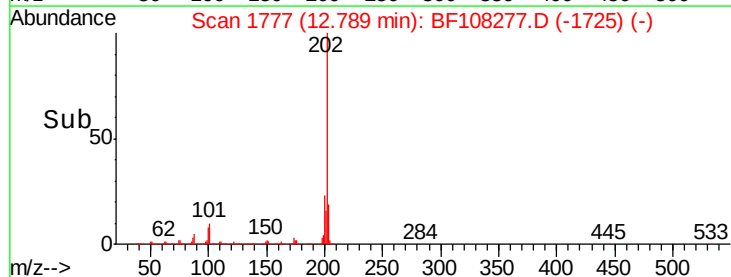
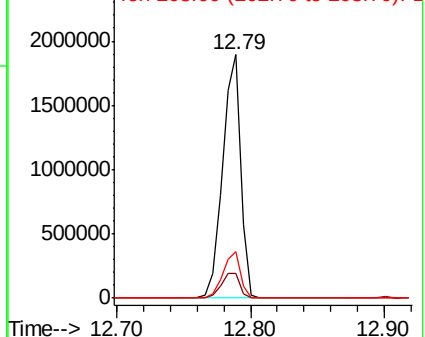


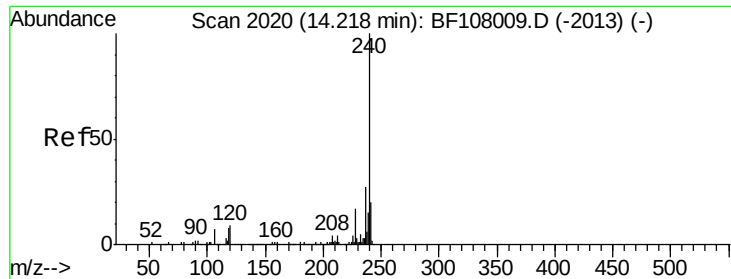
Abundance

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

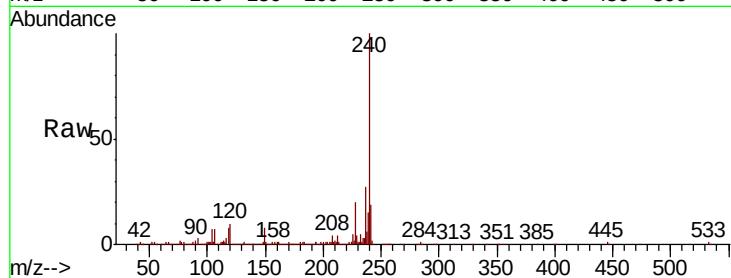
Tot Ion:240 Resp: 615546

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

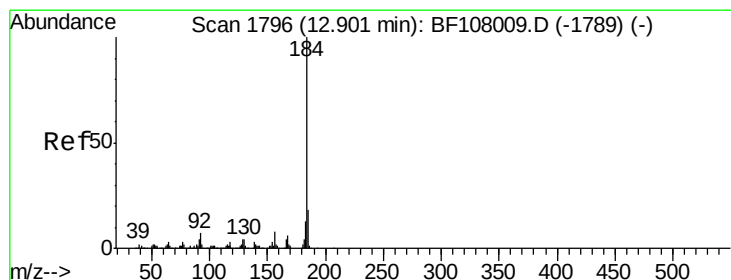
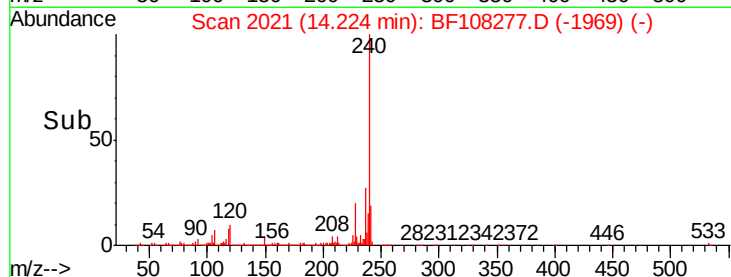
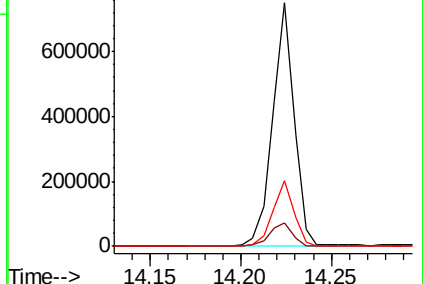
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.118 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

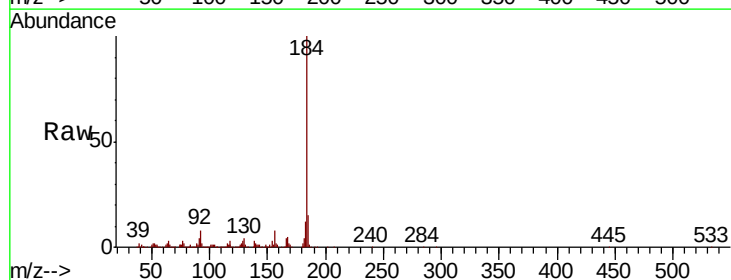
Tgt Ion:184 Resp: 1037641

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

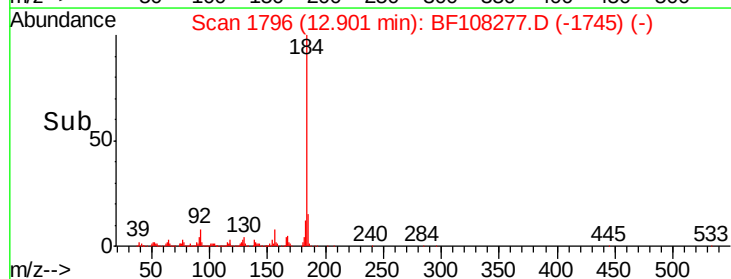
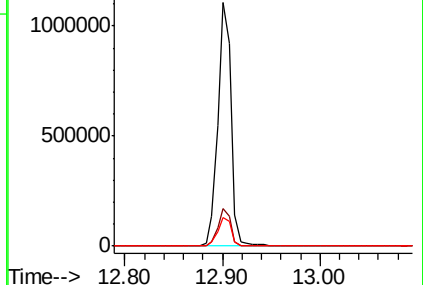
183 12.0 9.3 13.9

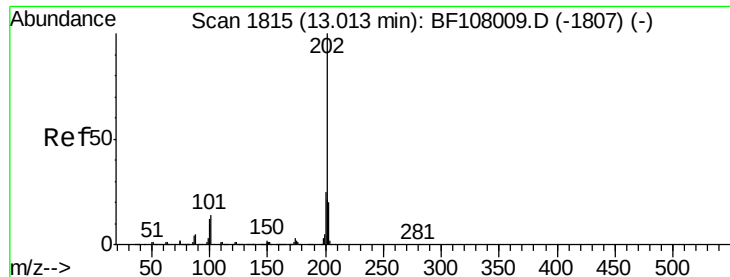


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.189 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

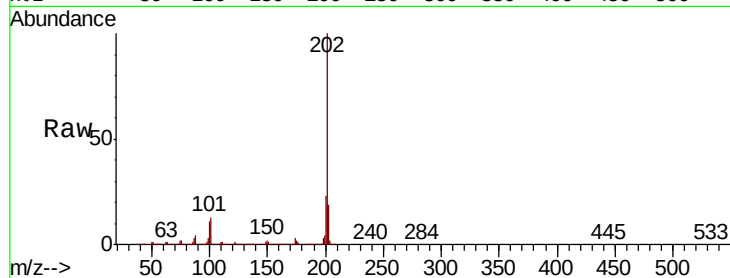
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1800020

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.5	14.3	21.5

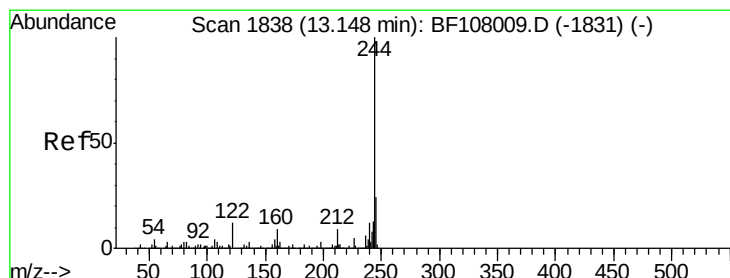
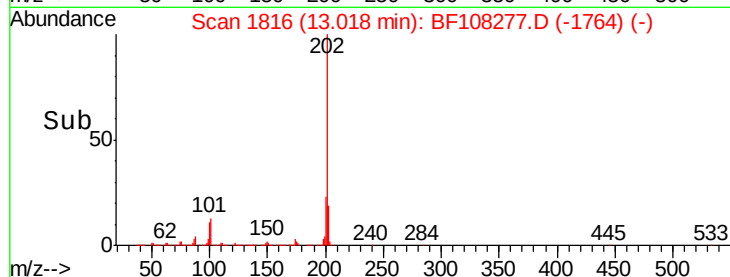
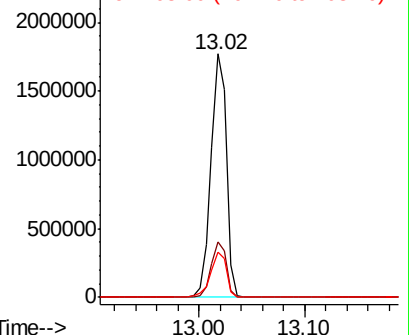


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.989 ng

RT: 13.15 min Scan# 1839

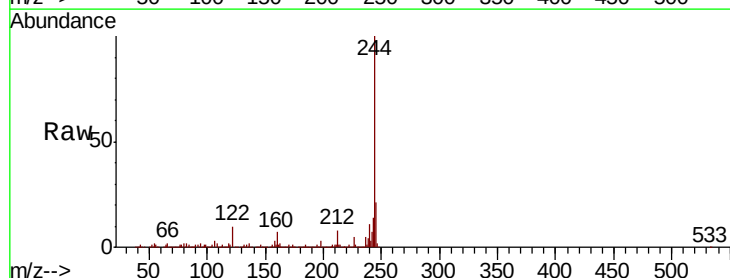
Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:244 Resp: 2178607

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	9.6	11.0	16.4

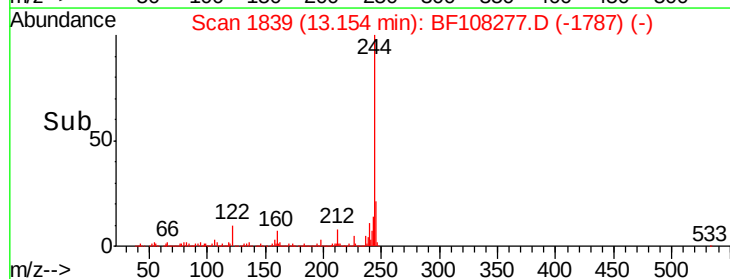
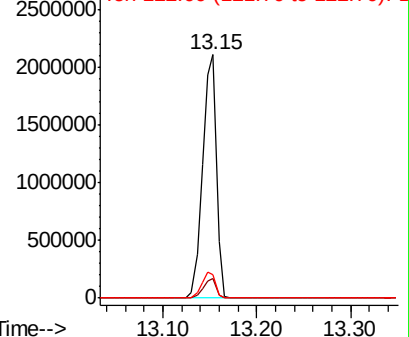


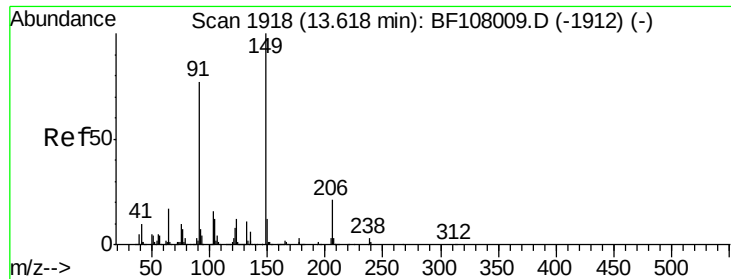
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

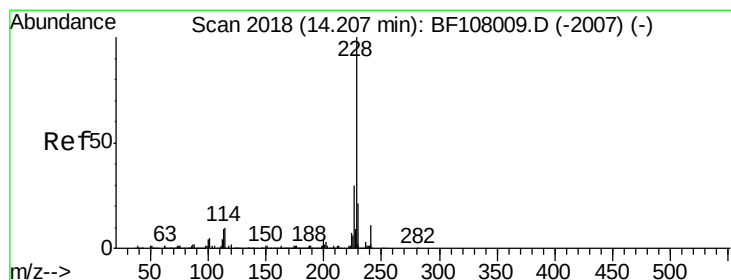
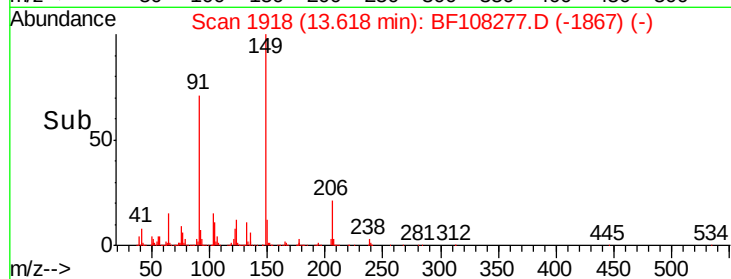
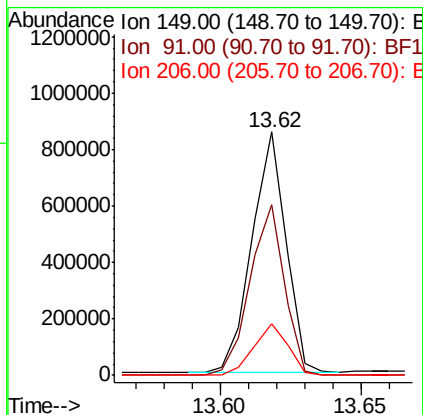
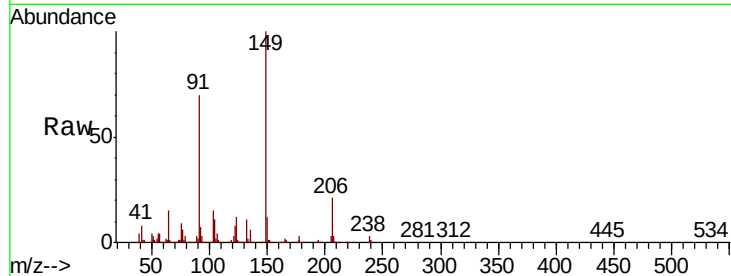




#79
Butylbenzylphthalate
Concen: 46.415 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

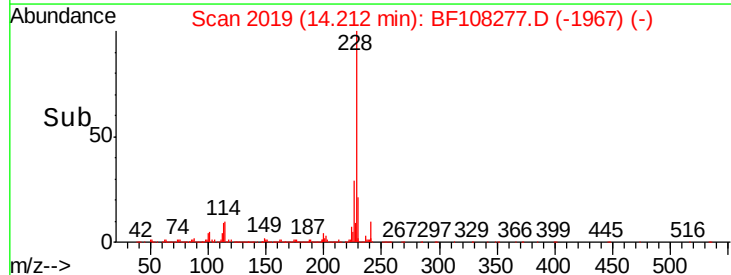
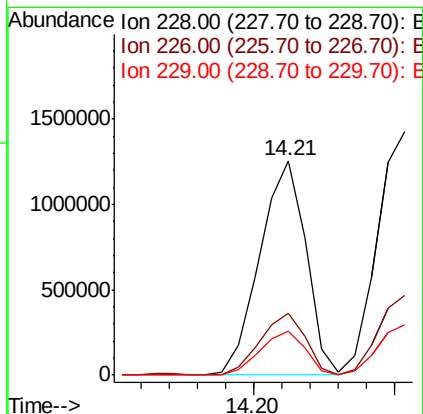
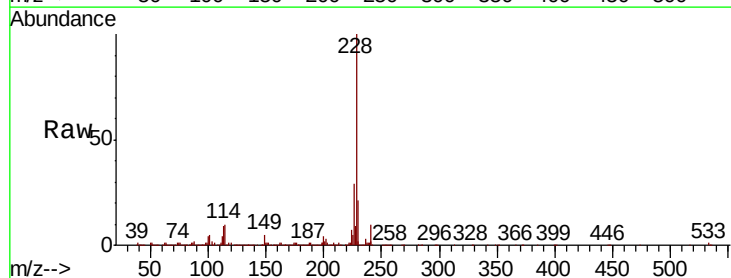
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

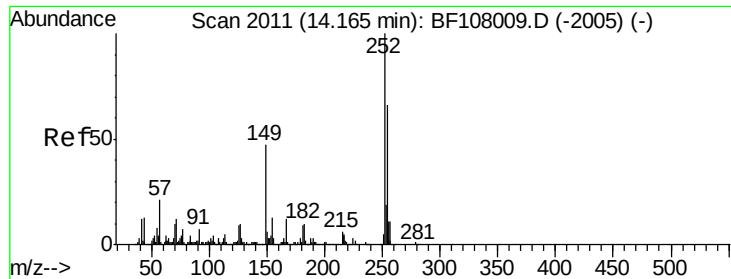
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.162 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108277.D
Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.6	15.8	23.6

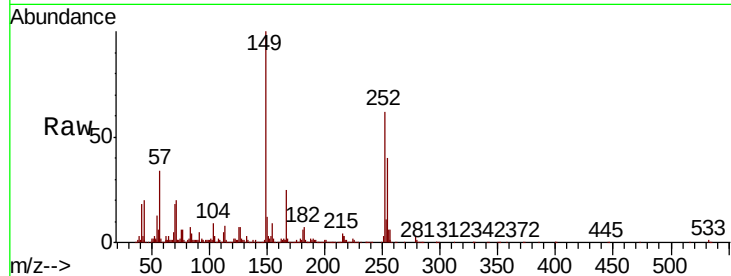




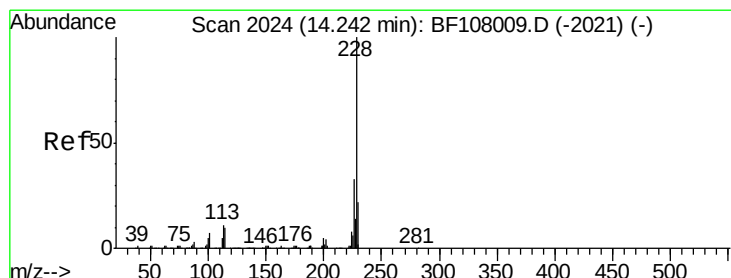
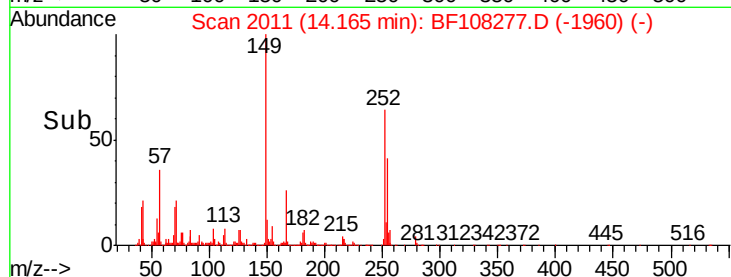
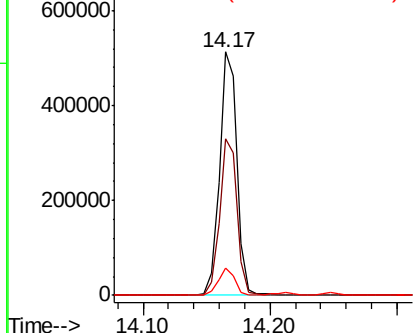
#81
 3,3'-Dichlorobenzidine
 Concen: 38.972 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	11.3	11.3	16.9#

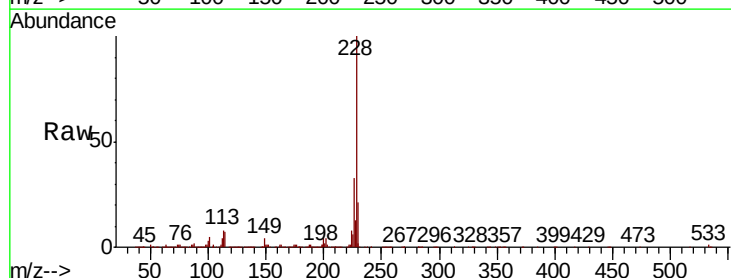


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

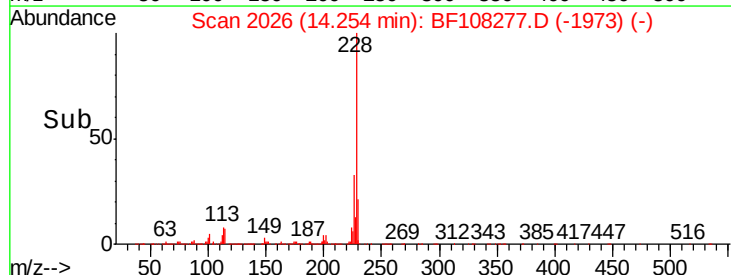
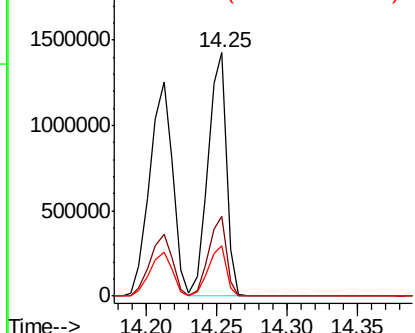


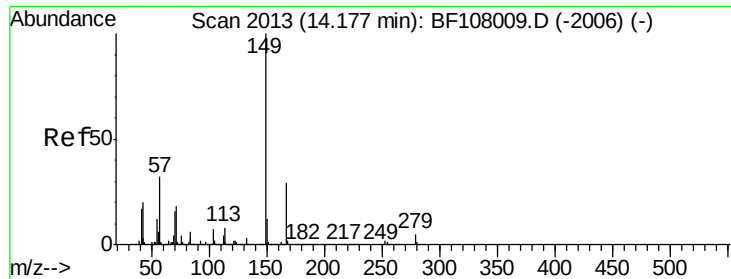
#82
 Chrysene
 Concen: 39.788 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	20.6	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.313 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

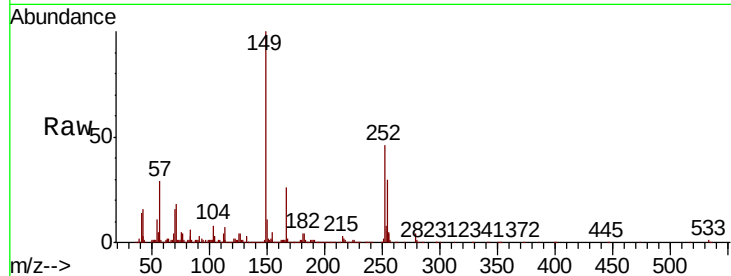
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 865728

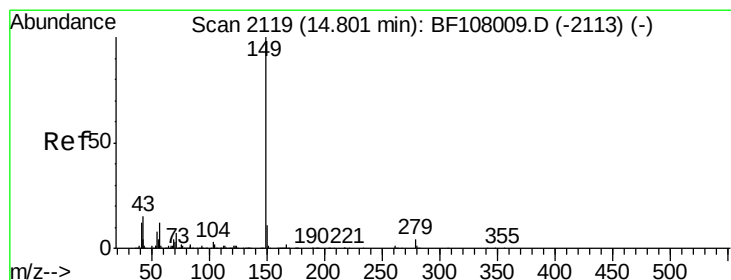
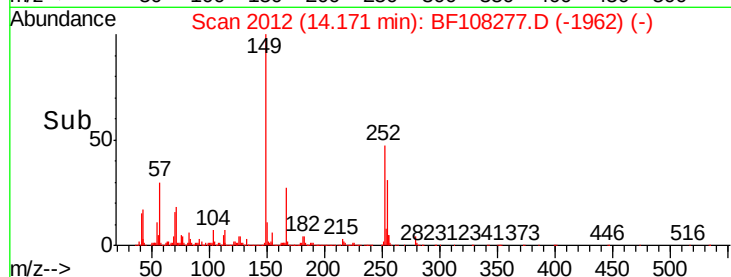
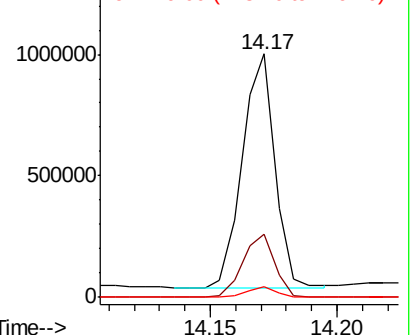
Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	4.2	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.910 ng

RT: 14.79 min Scan# 2118

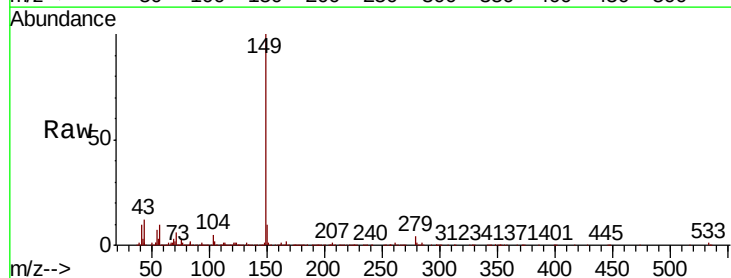
Delta R.T. -0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Tgt Ion:149 Resp: 1531144

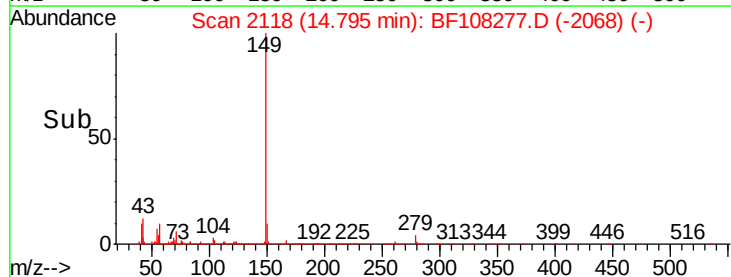
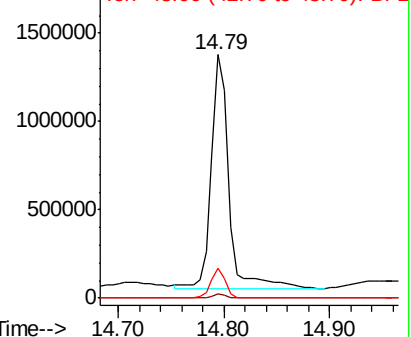
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.1	8.4	12.6

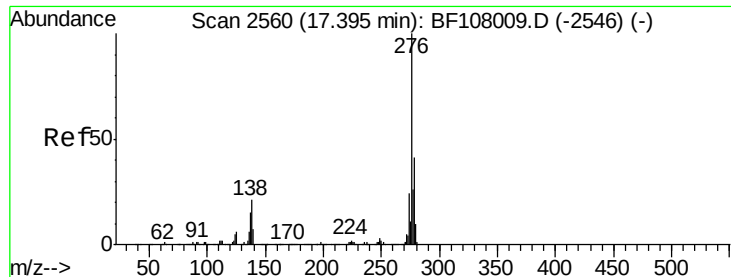


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

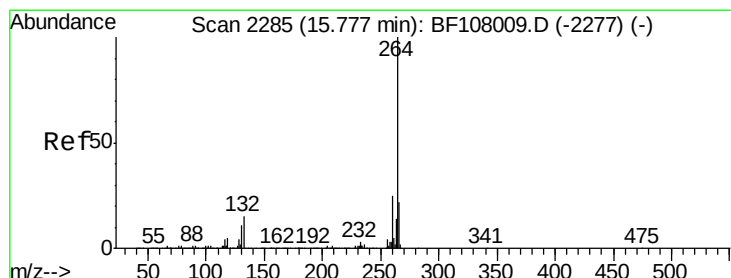
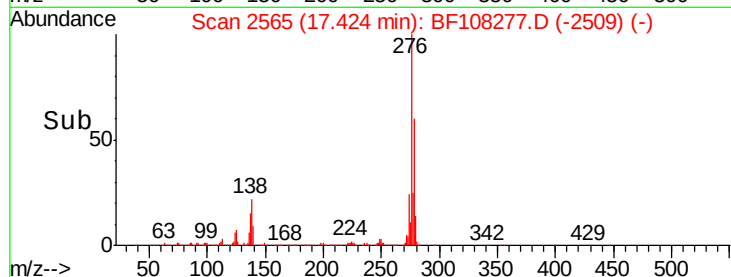
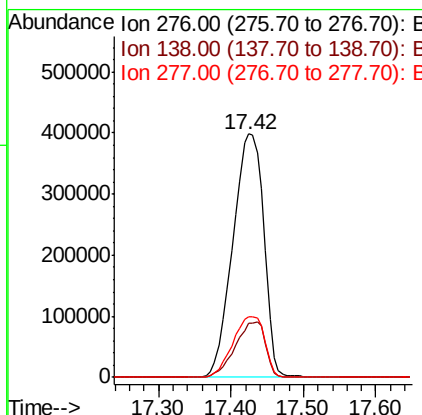
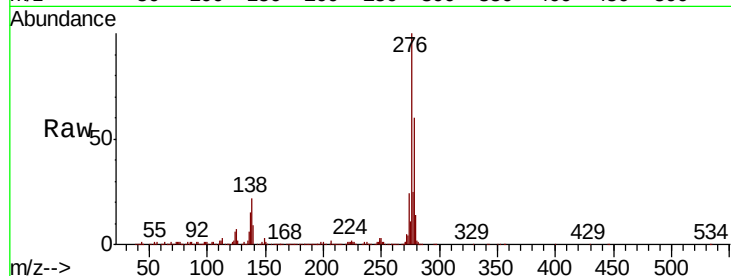




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.142 ng
 RT: 17.42 min Scan# 2565
 Delta R.T. 0.03 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

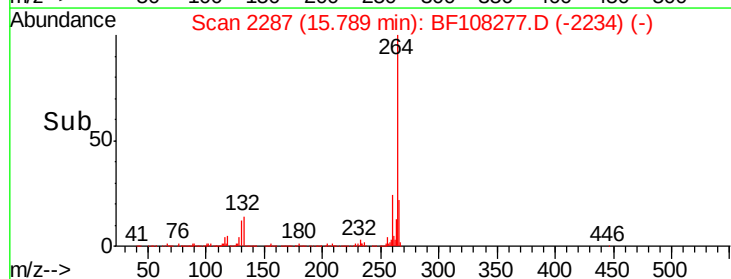
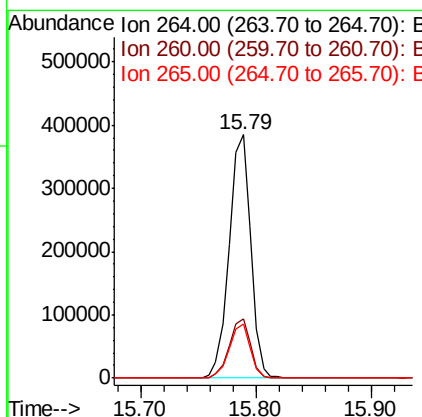
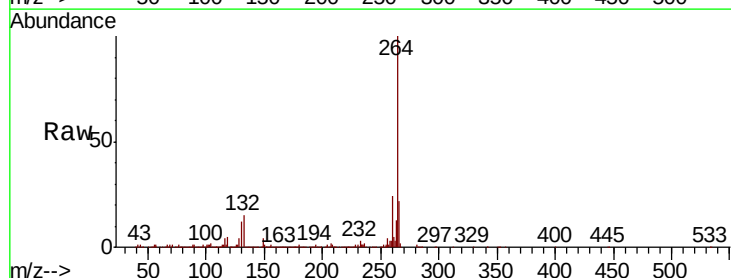
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

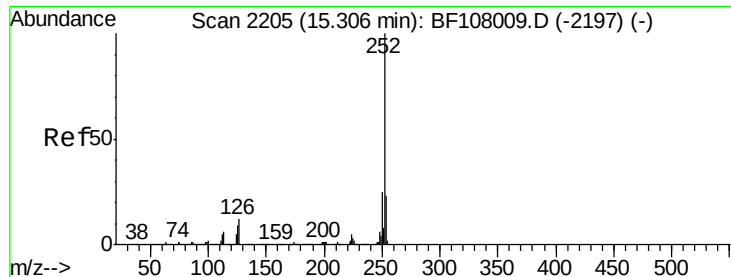
Tot Ion:276 Resp: 1182570
 Ion Ratio Lower Upper
 276 100
 138 22.3 25.0 37.6#
 277 25.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108277.D
 Acq: 20 Aug 2018 9:32

Tgt Ion:264 Resp: 497972
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 36.454 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.04 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

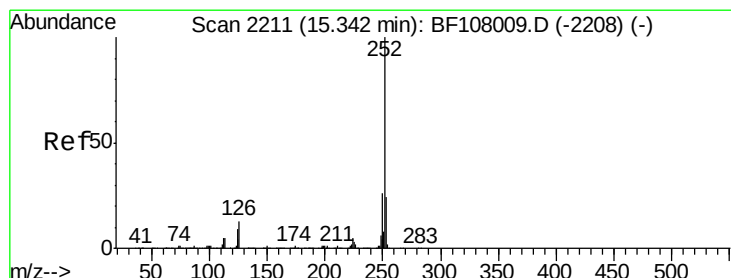
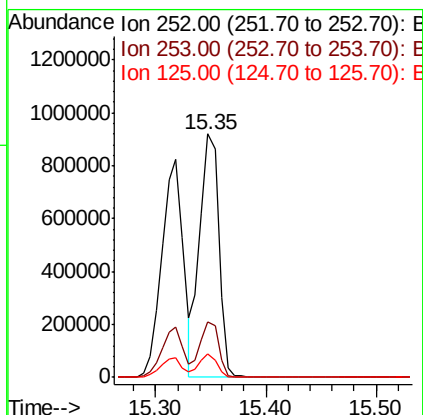
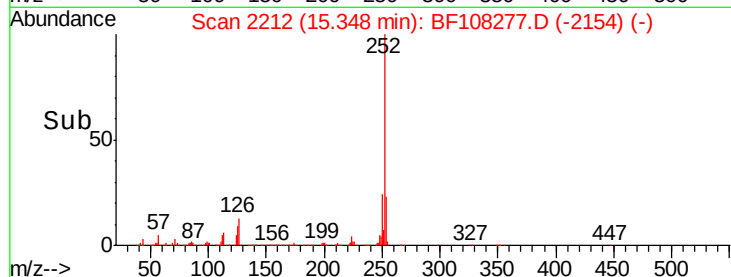
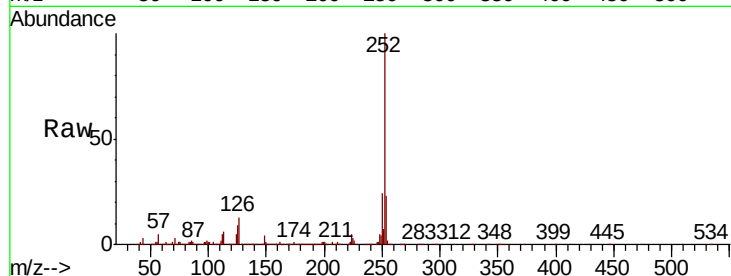
Tot Ion:252 Resp: 1084722

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 9.4 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 39.657 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

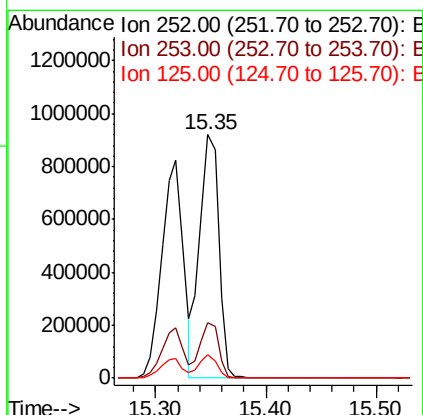
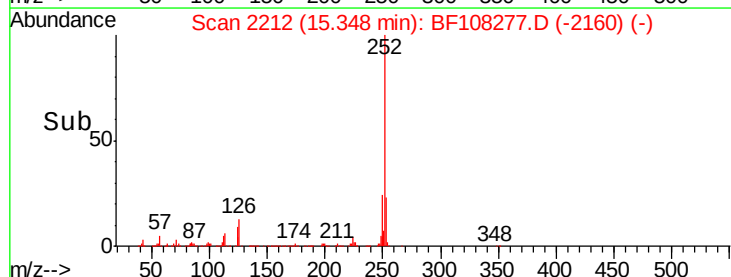
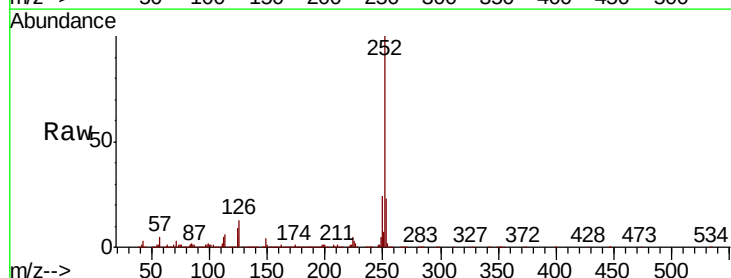
Tgt Ion:252 Resp: 1084722

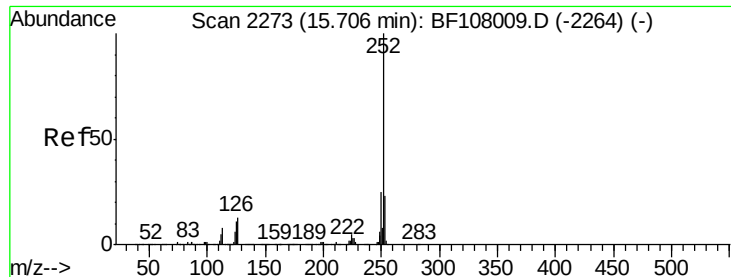
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 9.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 39.586 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

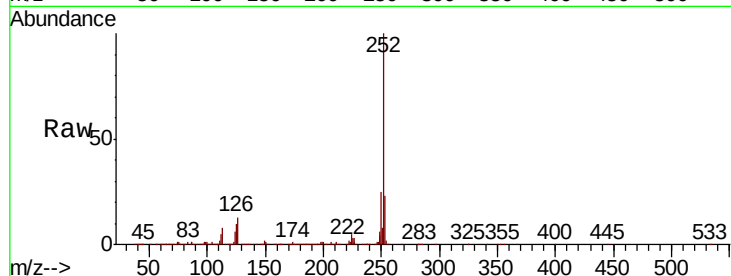
Tot Ion:252 Resp: 1054779

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.4	9.8	14.6

252 100

253 22.5 17.1 25.7

125 10.4 9.8 14.6

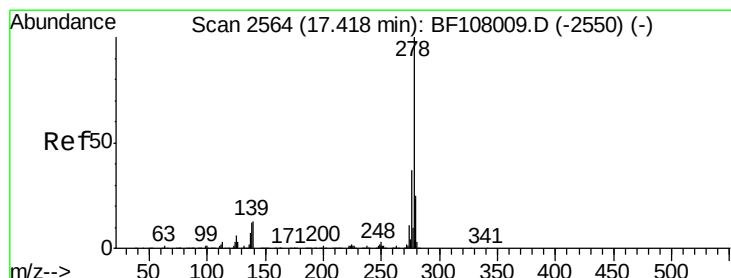
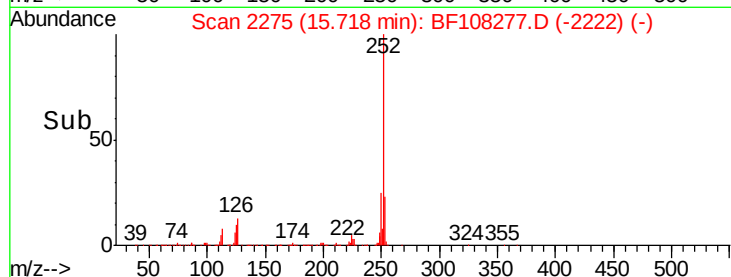
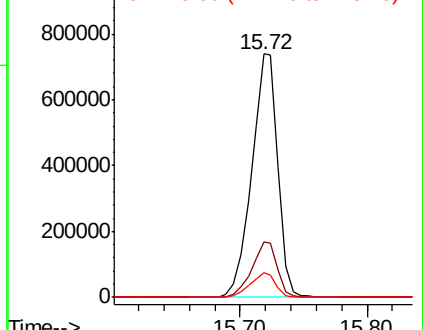


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.759 ng

RT: 17.44 min Scan# 2568

Delta R.T. 0.02 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

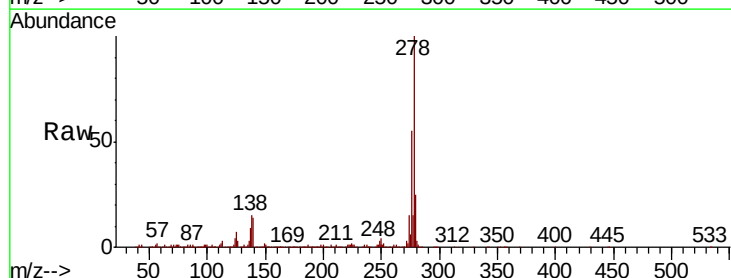
Tgt Ion:278 Resp: 986789

Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9#
279	24.7	19.0	28.4

278 100

139 14.4 15.9 23.9#

279 24.7 19.0 28.4

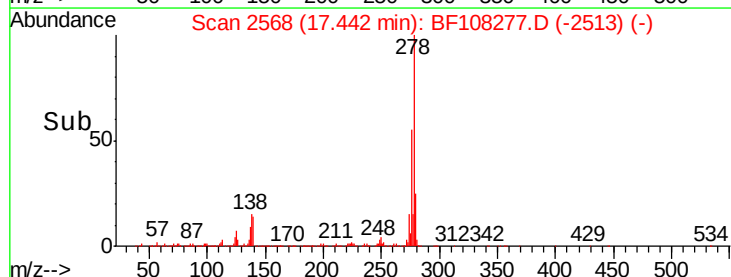
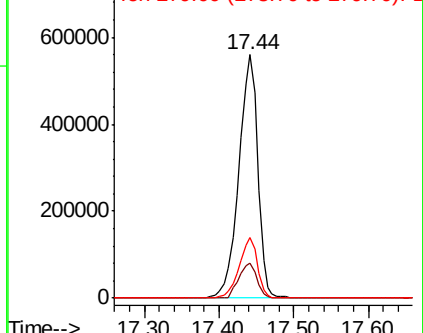


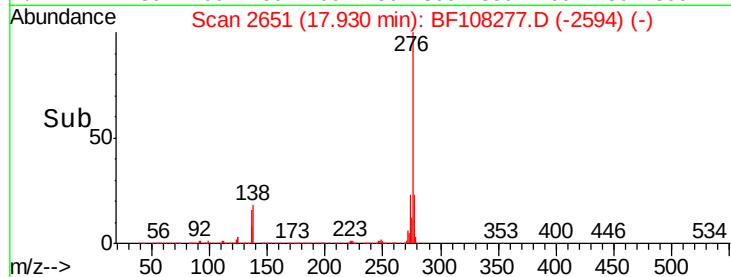
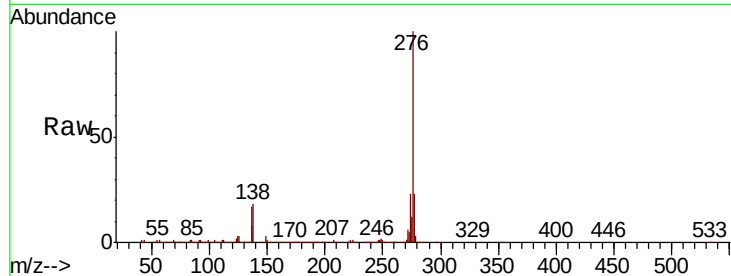
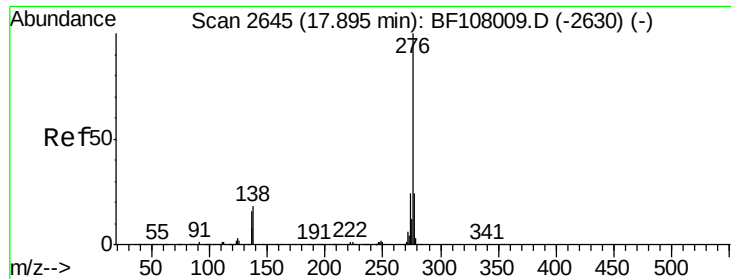
Abundance

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





#91

Benzo(a,h,i)perylene

Concen: 46.201 ng

RT: 17.93 min Scan# 2651

Delta R.T. 0.04 min

Lab File: BF108277.D

Acq: 20 Aug 2018 9:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1002978

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 17.9 21.8 32.8#

