

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108259.D
 Acq On : 17 Aug 2018 23:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 17 23:46:43 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	141639	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	554473	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	248445	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	413635	20.00	ng	0.00
75) Chrysene-d12	14.21	240	376960	20.00	ng	0.00
86) Perylene-d12	15.77	264	289929	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	652032	83.34	ng	0.01
7) Phenol-d6	6.64	99	854632	82.21	ng	0.00
23) Nitrobenzene-d5	7.58	82	818323	82.35	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	187723	75.75	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1469054	94.93	ng	0.00
78) Terphenyl-d14	13.14	244	1173190	79.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	153762	38.250	ng	90
3) Pyridine	3.67	79	399688	38.597	ng	# 83
4) n-Nitrosodimethylamine	3.63	42	212608	36.487	ng	# 81
6) Aniline	6.68	93	573787	40.576	ng	97
8) 2-Chlorophenol	6.80	128	366249	41.566	ng	92
9) Benzaldehyde	6.57	77	321391	39.873	ng	95
10) Phenol	6.65	94	445036	41.384	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	358922	41.284	ng	92
12) 1,3-Dichlorobenzene	6.96	146	419262	41.152	ng	99
13) 1,4-Dichlorobenzene	7.04	146	422695	41.294	ng	96
14) 1,2-Dichlorobenzene	7.19	146	391901	41.160	ng	99
15) Benzyl Alcohol	7.15	79	349091	39.887	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	689773	38.513	ng	97
17) 2-Methylphenol	7.26	107	301474	39.898	ng	96
18) Hexachloroethane	7.53	117	139578	38.301	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	277976	39.540	ng	94
20) 3+4-Methylphenols	7.41	107	382641	39.517	ng	87
22) Acetophenone	7.42	105	522186	40.277	ng	# 94
24) Nitrobenzene	7.60	77	407288	40.534	ng	97
25) Isophorone	7.84	82	745671	39.371	ng	97
26) 2-Nitrophenol	7.91	139	162292	42.769	ng	88
27) 2,4-Dimethylphenol	7.94	122	330813	39.355	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	446772	40.408	ng	99
29) 2,4-Dichlorophenol	8.15	162	313872	40.575	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	341453	40.035	ng	95
31) Naphthalene	8.32	128	1037311	41.137	ng	99
32) Benzoic acid	8.04	122	130981	29.484	ng	92
33) 4-Chloroaniline	8.37	127	438469	39.900	ng	97
34) Hexachlorobutadiene	8.43	225	221444	41.014	ng	99
35) Caprolactam	8.74	113	92676	38.230	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	314592	37.698	ng	99
37) 2-Methylnaphthalene	9.01	142	711138	39.860	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	356129	46.678	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	52626	10.679	ng	98

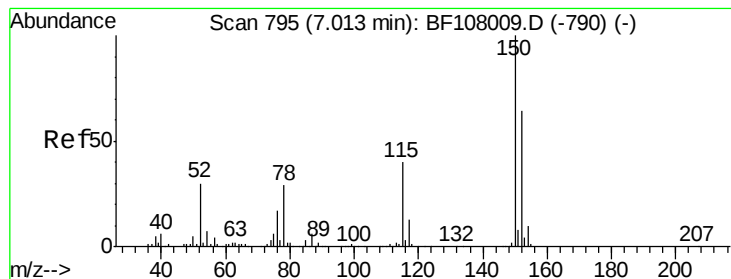
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	214934	45.398	ng	96
43) 2,4,5-Trichlorophenol	9.33	196	224355	43.047	ng	95
45) 1,1'-Biphenyl	9.48	154	846563	46.215	ng	99
46) 2-Chloronaphthalene	9.51	162	642953	44.410	ng	98
47) 2-Nitroaniline	9.60	65	207612	44.319	ng	87
48) Acenaphthylene	9.92	152	981366	42.876	ng	99
49) Dimethylphthalate	9.77	163	764305	44.164	ng	99
50) 2,6-Dinitrotoluene	9.84	165	152986	42.252	ng	97
51) Acenaphthene	10.09	154	566273	40.393	ng	100
52) 3-Nitroaniline	10.01	138	163764	41.338	ng	93
53) 2,4-Dinitrophenol	10.12	184	8363	12.651	ng #	22
54) Dibenzofuran	10.27	168	840724	41.394	ng	99
55) 4-Nitrophenol	10.17	139	99857	33.286	ng	95
56) 2,4-Dinitrotoluene	10.25	165	186801	40.080	ng #	94
57) Fluorene	10.61	166	636418	39.583	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	170102	39.049	ng #	85
59) Diethylphthalate	10.47	149	714945	42.662	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	344787	41.155	ng	90
61) 4-Nitroaniline	10.62	138	152793	39.010	ng	95
62) Azobenzene	10.76	77	668727	38.640	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	17251	15.227	ng	91
65) n-Nitrosodiphenylamine	10.72	169	573583	46.925	ng	96
66) 4-Bromophenyl-phenylether	11.09	248	207888	46.248	ng #	83
67) Hexachlorobenzene	11.17	284	201191	42.539	ng #	85
68) Atrazine	11.24	200	179297	43.734	ng	94
69) Pentachlorophenol	11.35	266	83010	36.669	ng	98
70) Phenanthrene	11.58	178	828053	42.443	ng	99
71) Anthracene	11.64	178	861800	43.099	ng	99
72) Carbazole	11.79	167	726151	40.873	ng	99
73) Di-n-butylphthalate	12.10	149	963760	47.893	ng	99
74) Fluoranthene	12.78	202	884299	41.531	ng	95
76) Benzidine	12.89	184	521904	37.056	ng	100
77) Pyrene	13.01	202	896883	37.581	ng	100
79) Butylbenzylphthalate	13.61	149	393033	41.474	ng #	94
80) Benzo(a)anthracene	14.20	228	907755	41.960	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	341986	44.111	ng #	97
82) Chrysene	14.24	228	843578	42.533	ng	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	530993	41.377	ng #	99
84) Di-n-octyl phthalate	14.79	149	973827	49.757	ng	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	547030	31.832	ng #	91
87) Benzo(b)fluoranthene	15.30	252	777727	44.892	ng #	97
88) Benzo(k)fluoranthene	15.34	252	737347	46.300	ng #	95
89) Benzo(a)pyrene	15.71	252	647237	41.721	ng #	96
90) Dibenzo(a,h)anthracene	17.41	278	462375	36.022	ng #	94
91) Benzo(g,h,i)perylene	17.89	276	439315	34.758	ng #	90

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

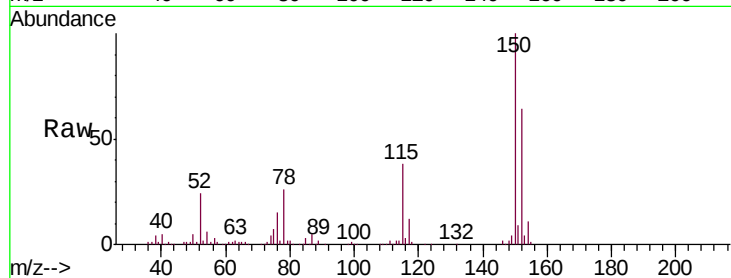


#1

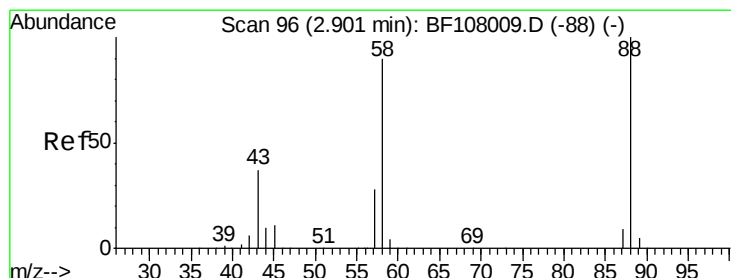
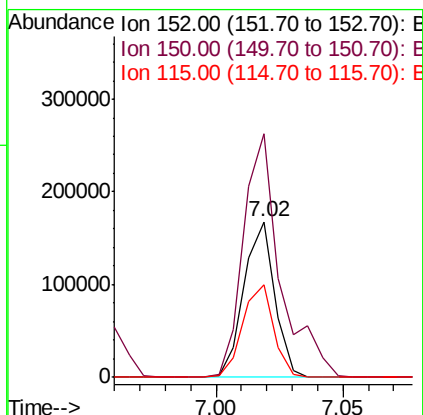
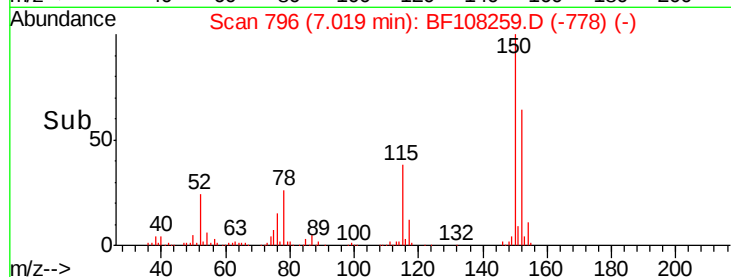
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 141639
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 59.5 50.1 75.1



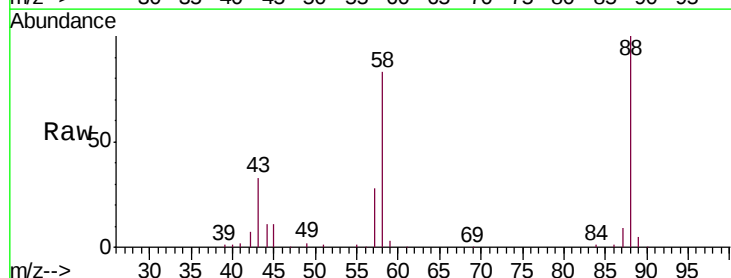
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



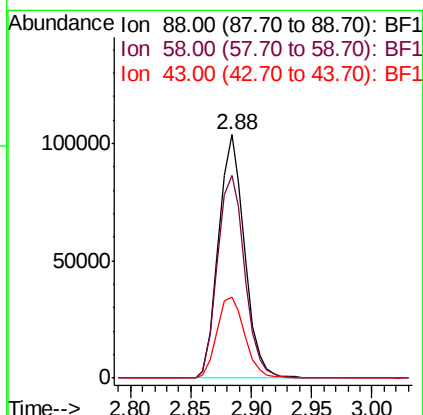
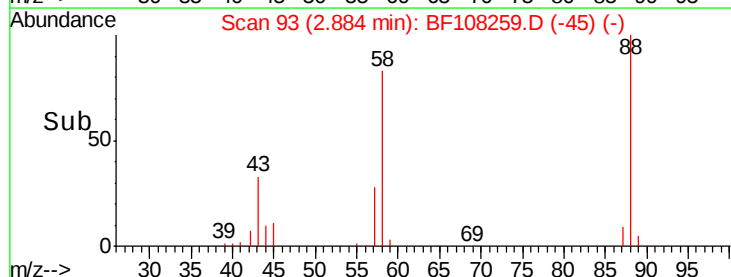
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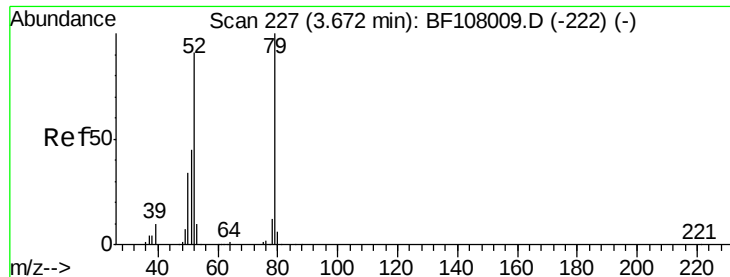
1,4-Dioxane
Concen: 38.250 ng
RT: 2.88 min Scan# 93
Delta R.T. -0.02 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion: 88 Resp: 153762
Ion Ratio Lower Upper
88 100
58 87.2 62.6 93.8
43 36.0 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

Pyridine

Concen: 38.597 ng

RT: 3.67 min Scan# 227

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

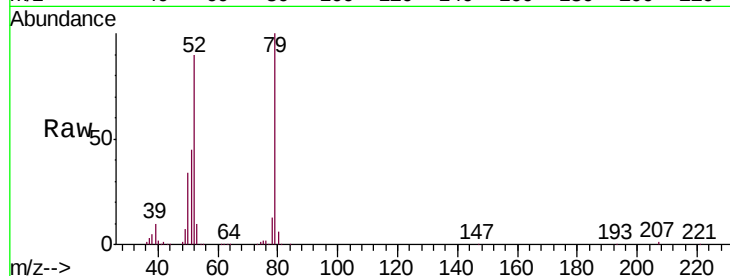
Tgt Ion: 79 Resp: 399688

Ion Ratio Lower Upper

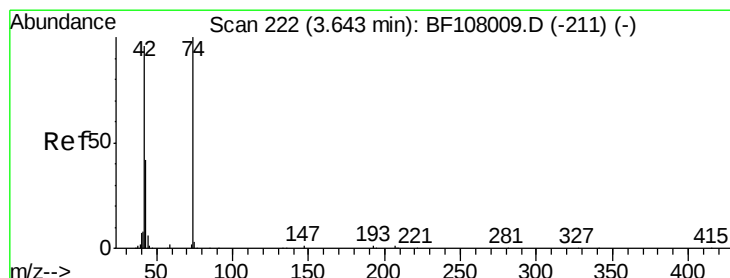
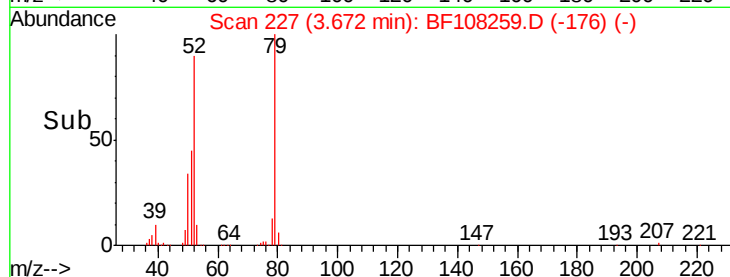
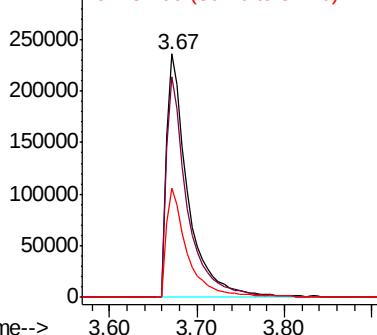
79 100

52 90.4 59.8 89.6#

51 45.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.487 ng

RT: 3.63 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

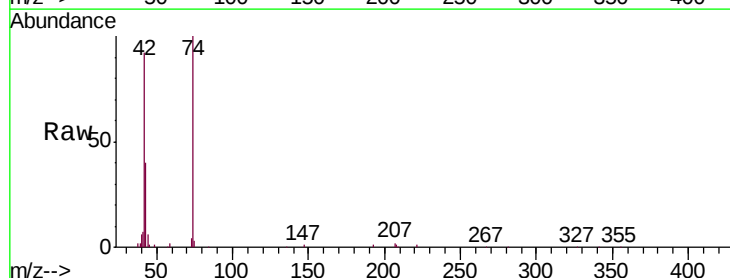
Tgt Ion: 42 Resp: 212608

Ion Ratio Lower Upper

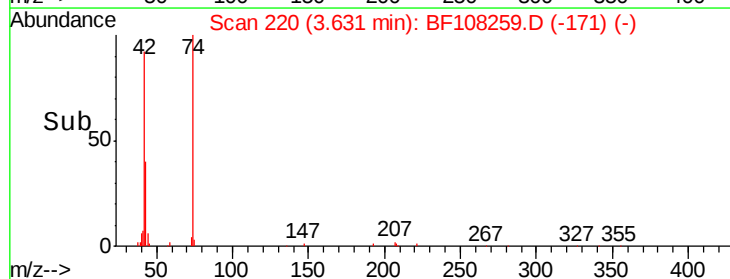
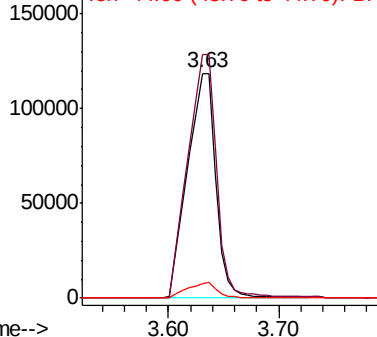
42 100

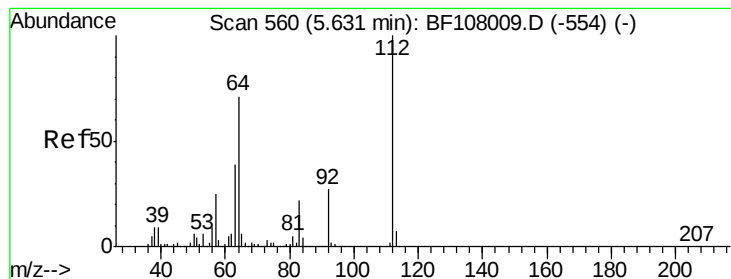
74 108.4 104.9 157.3

44 6.5 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.344 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

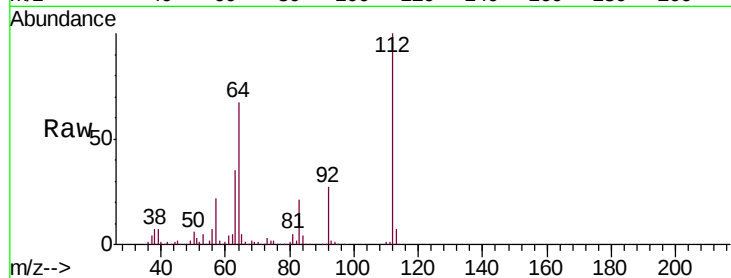
Tgt Ion: 112 Resp: 652032

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

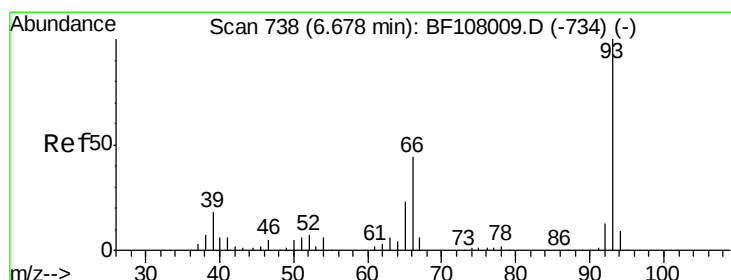
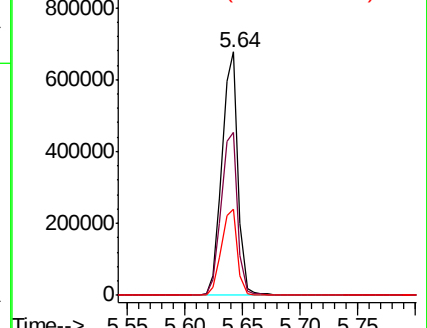
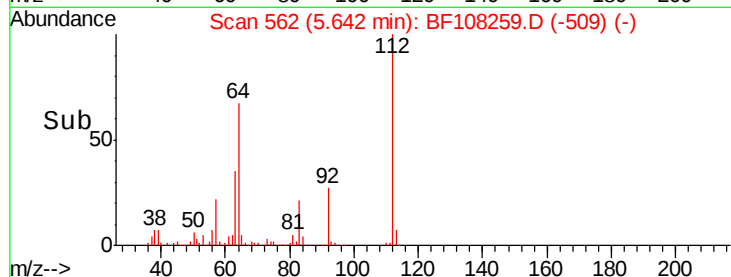
63 35.2 23.7 35.5



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: 40.576 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

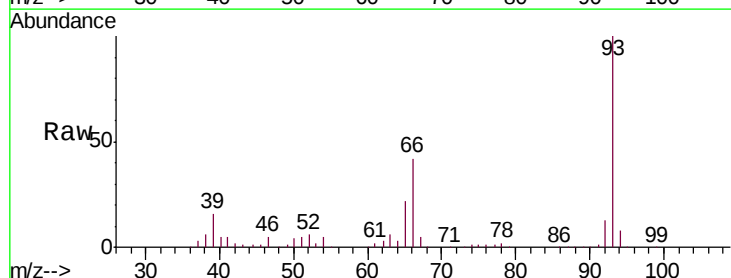
Tgt Ion: 93 Resp: 573787

Ion Ratio Lower Upper

93 100

66 42.0 32.2 48.2

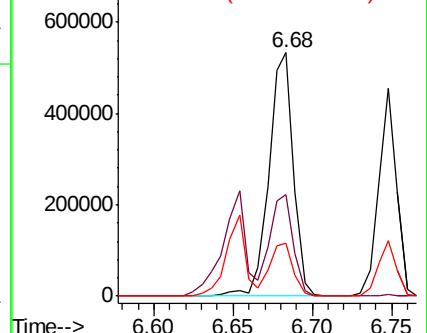
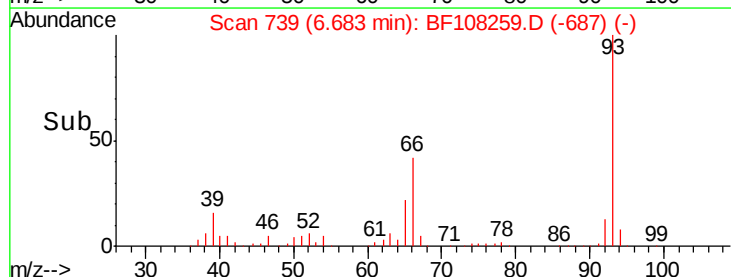
65 21.6 16.4 24.6

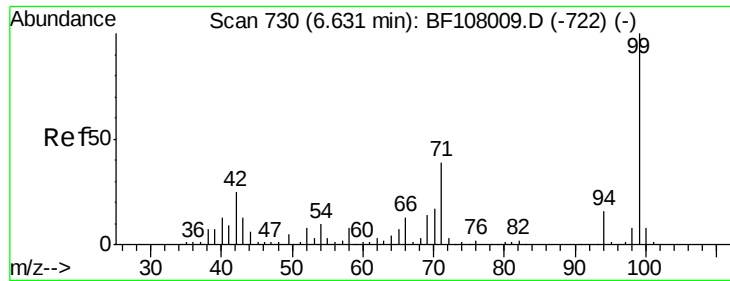


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.206 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

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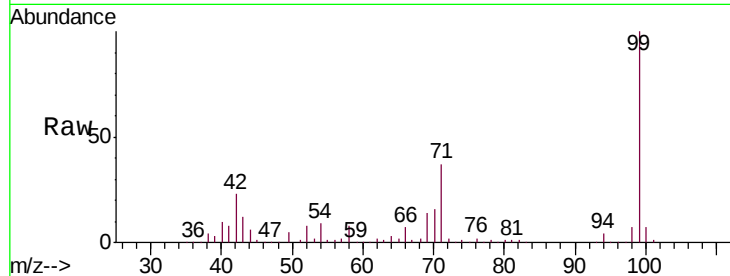
Tgt Ion: 99 Resp: 854632

Ion Ratio Lower Upper

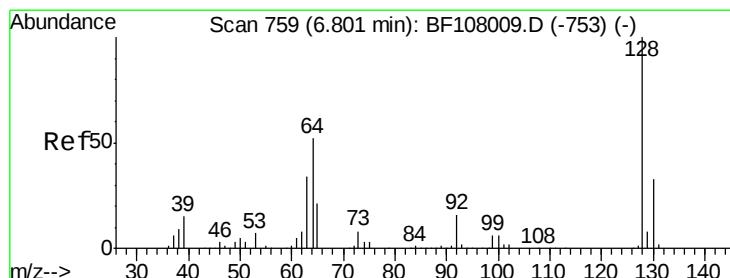
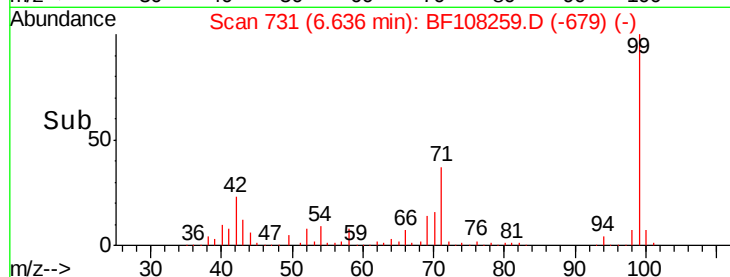
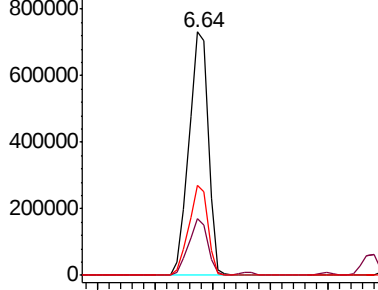
99 100

42 23.3 14.5 21.7#

71 36.9 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: 41.566 ng

RT: 6.80 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

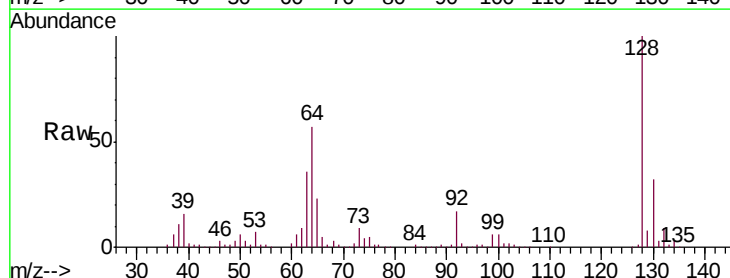
Tgt Ion: 128 Resp: 366249

Ion Ratio Lower Upper

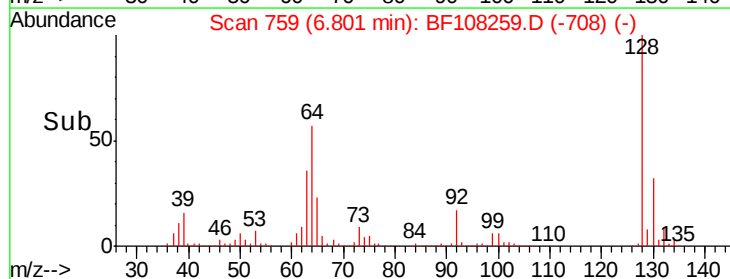
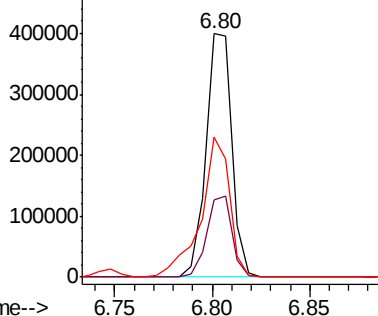
128 100

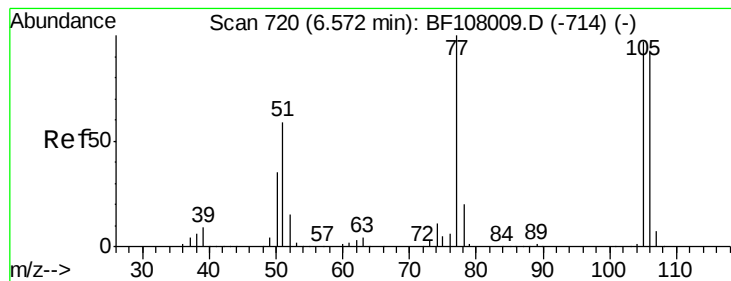
130 31.9 13.0 53.0

64 57.2 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: 39.873 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

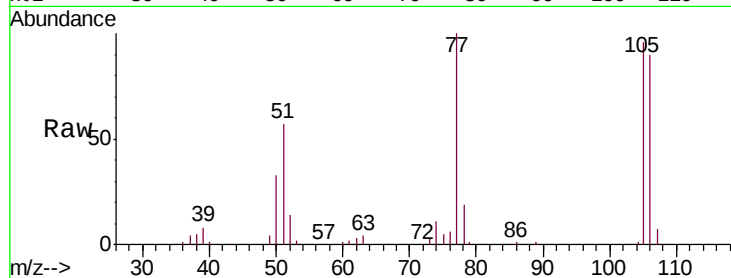
Tgt Ion: 77 Resp: 321391

Ion Ratio Lower Upper

77 100

105 95.9 81.1 121.1

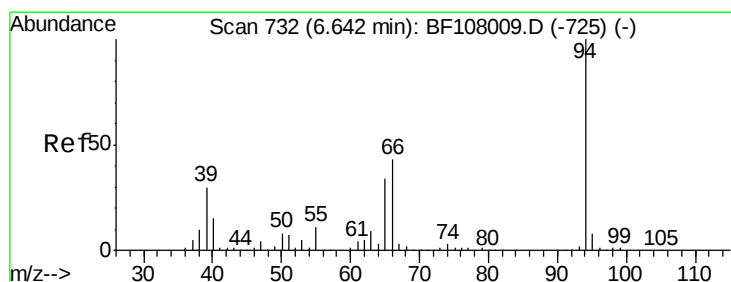
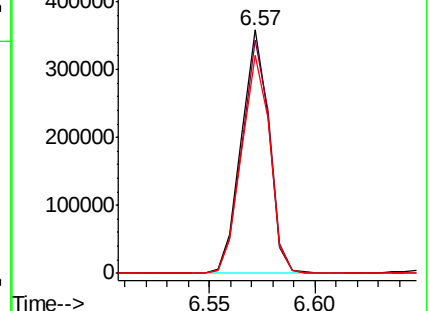
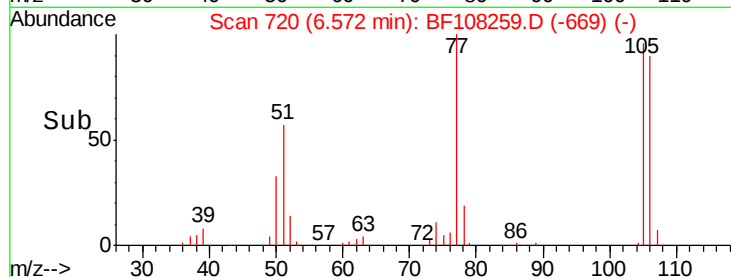
106 89.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.384 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

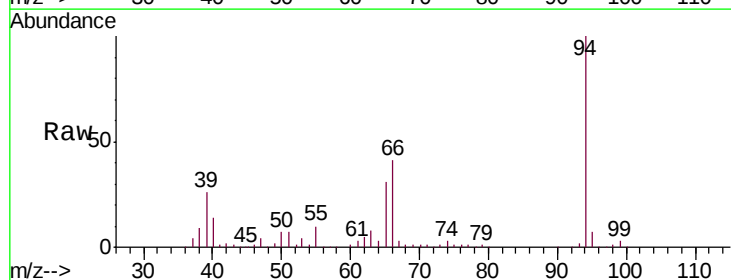
Tgt Ion: 94 Resp: 445036

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

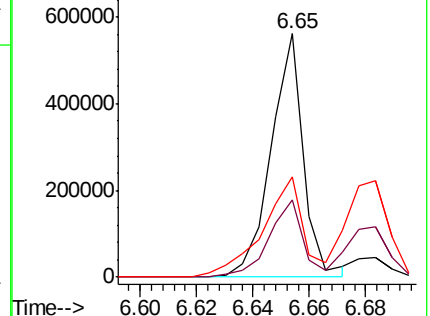
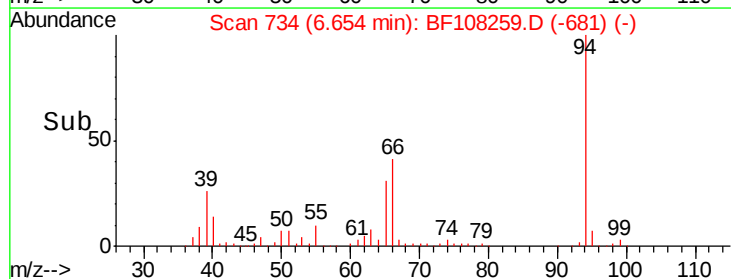
66 40.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

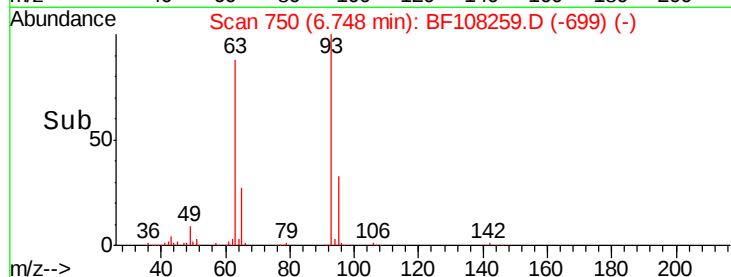
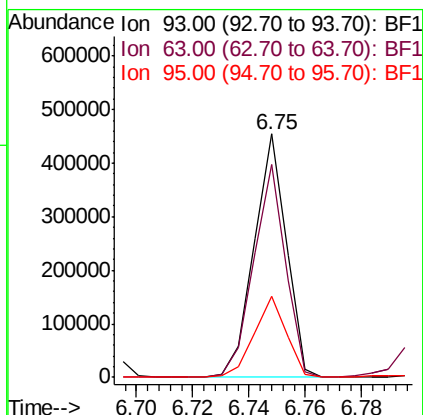
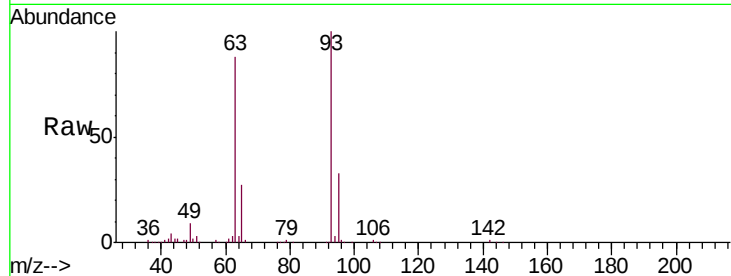




#11
bis(2-Chloroethyl)ether
Concen: 41.284 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

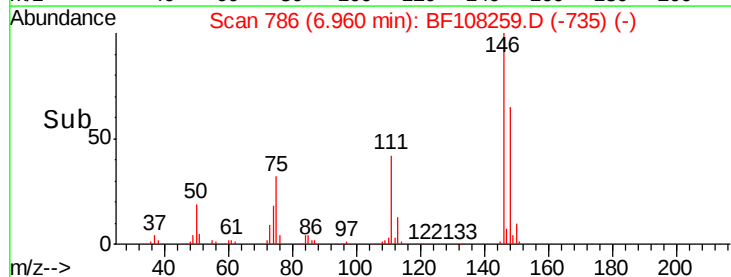
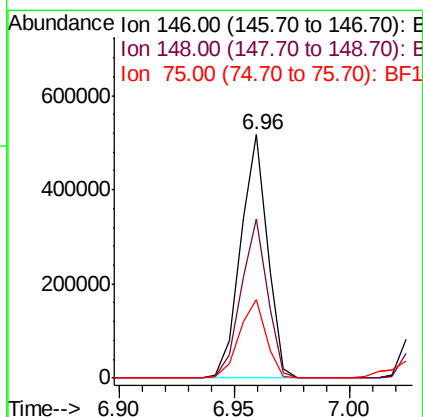
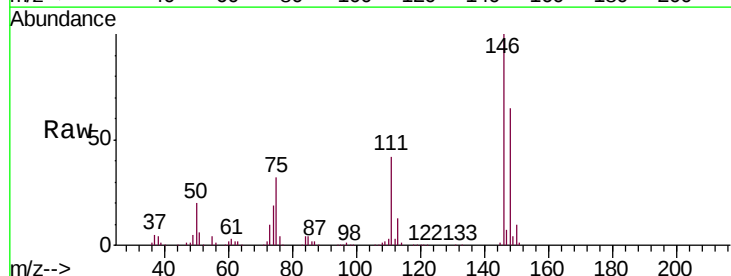
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

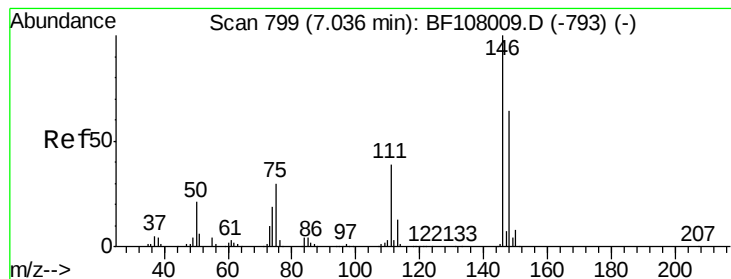
Tgt Ion: 93 Resp: 358922
Ion Ratio Lower Upper
93 100
63 87.5 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.152 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion: 146 Resp: 419262
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 32.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.294 ng

RT: 7.04 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

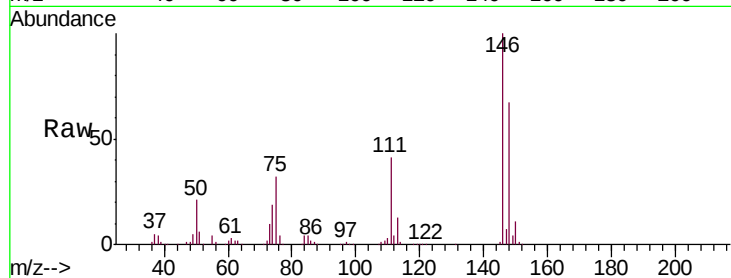
Tgt Ion:146 Resp: 422695

Ion Ratio Lower Upper

146 100

148 66.9 50.8 76.2

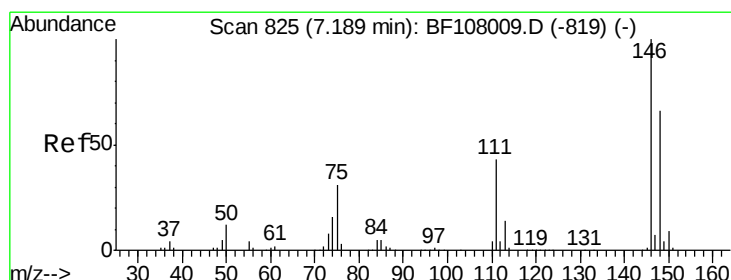
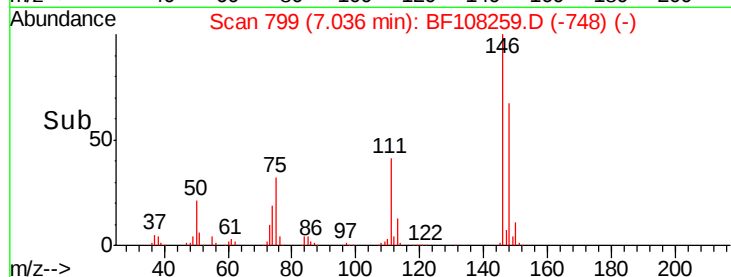
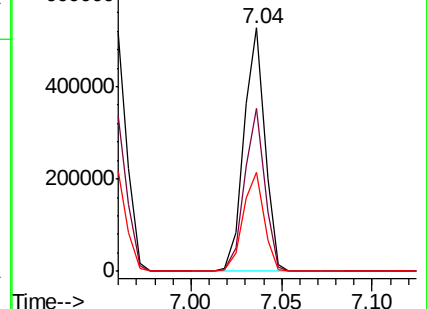
111 40.9 34.2 51.2



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: 41.160 ng

RT: 7.19 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

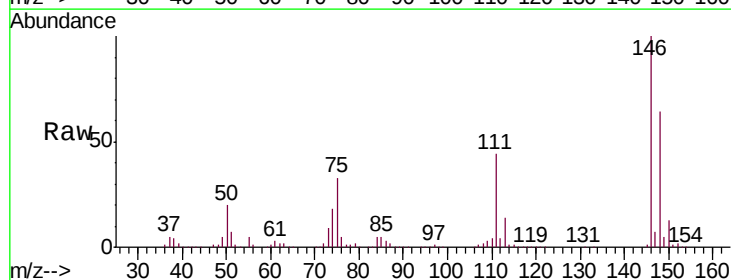
Tgt Ion:146 Resp: 391901

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

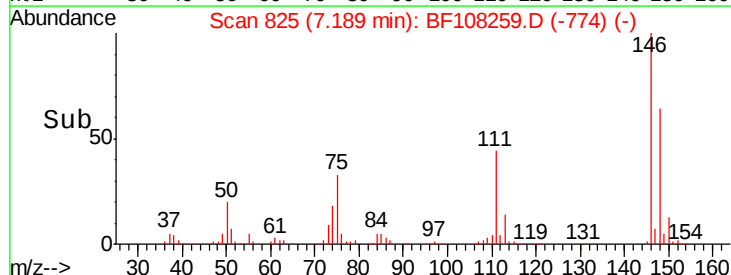
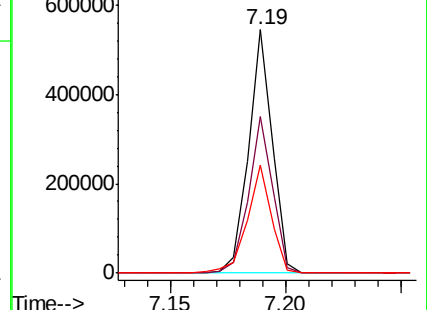
111 44.2 36.0 54.0



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: 39.887 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

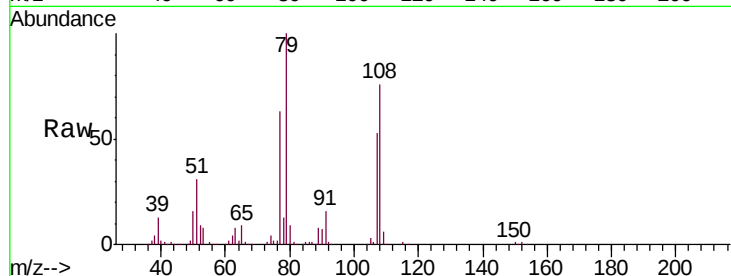
Tgt Ion: 79 Resp: 349091

Ion Ratio Lower Upper

79 100

108 75.9 65.1 97.7

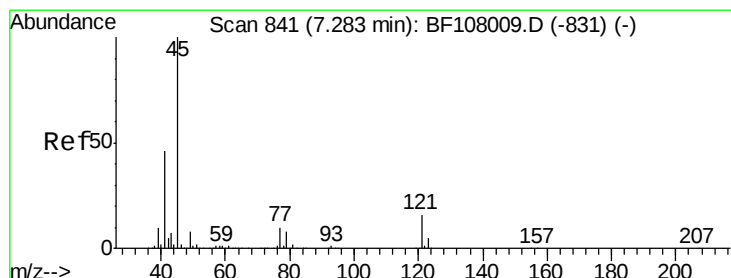
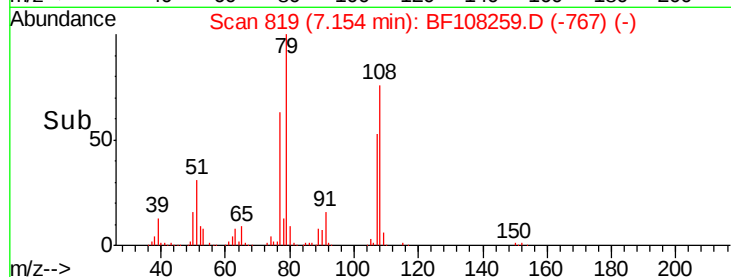
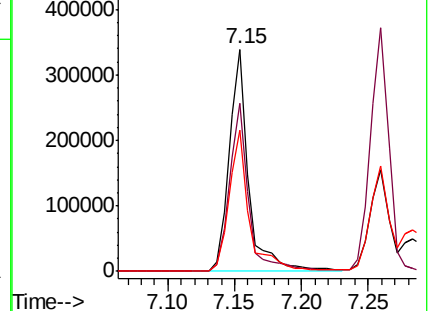
77 63.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.513 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

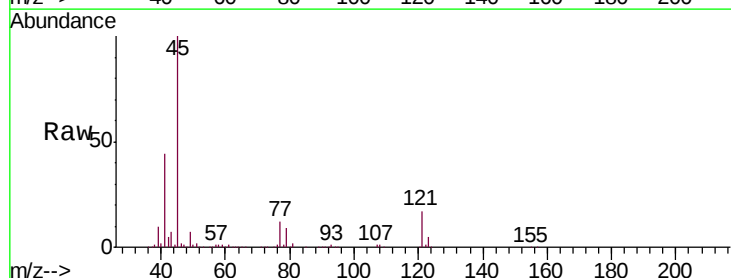
Tgt Ion: 45 Resp: 689773

Ion Ratio Lower Upper

45 100

77 11.5 0.0 32.9

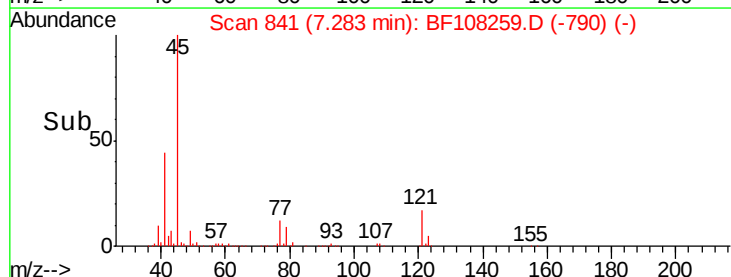
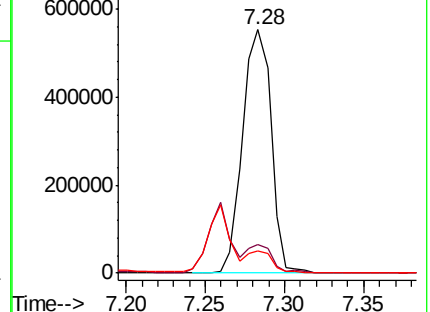
79 8.9 0.0 29.6

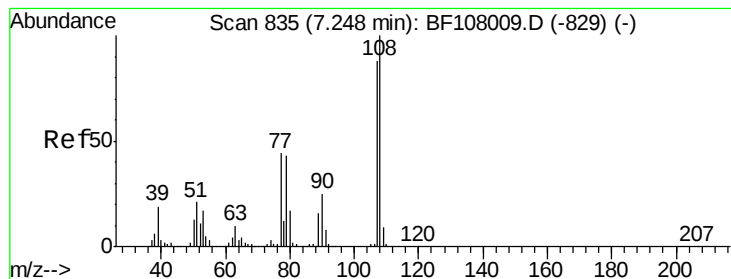


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.898 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 301474

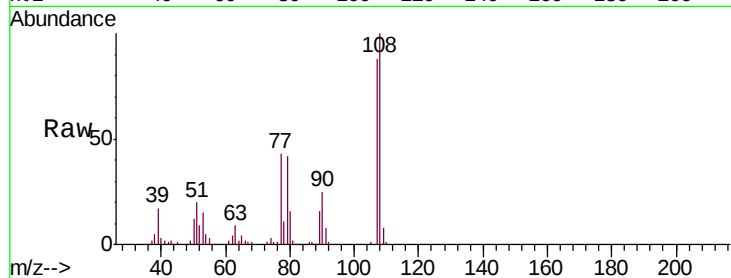
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 49.2 33.8 50.8

79 47.3 33.8 50.8

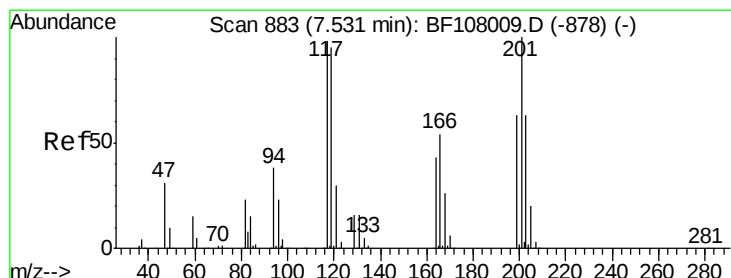
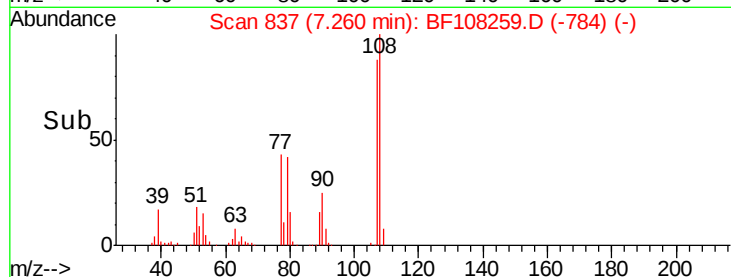
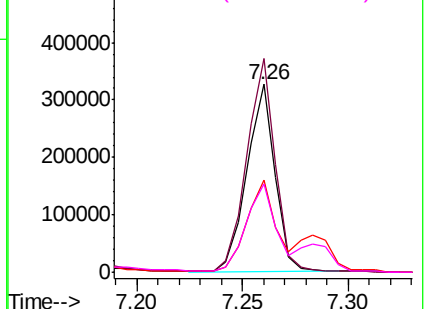


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.301 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

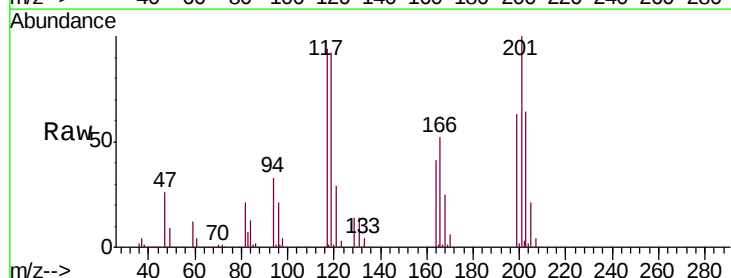
Tgt Ion:117 Resp: 139578

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

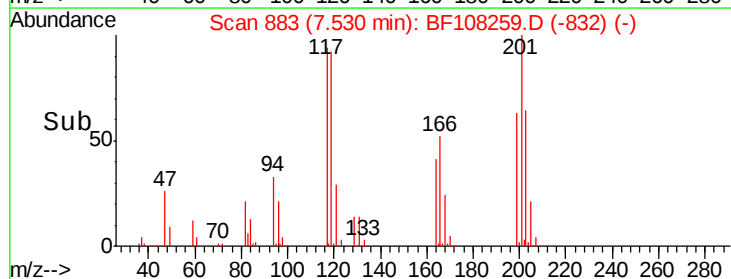
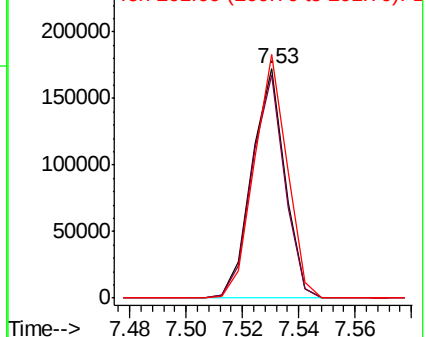
201 106.4 75.7 113.5



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

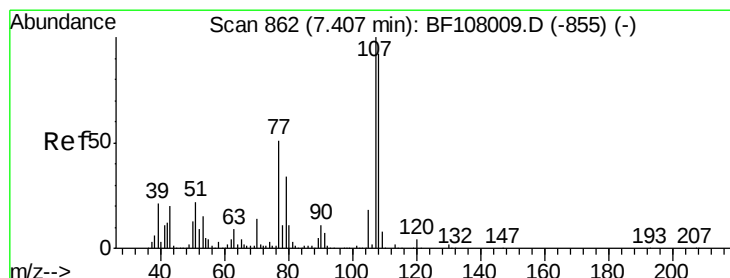
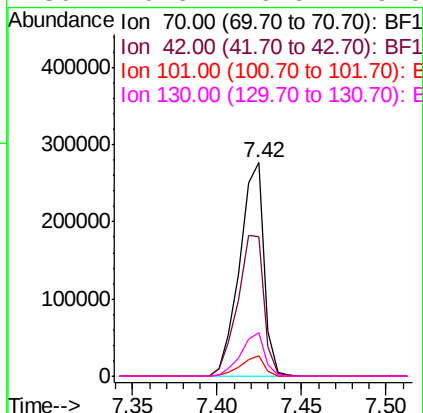
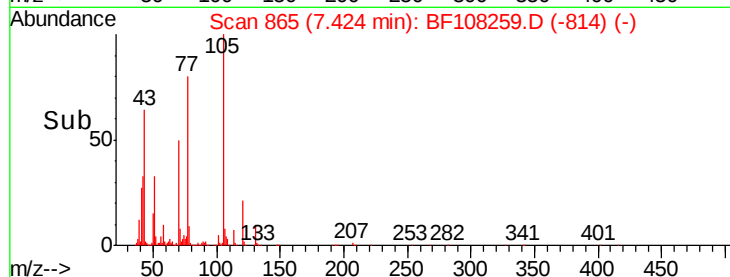
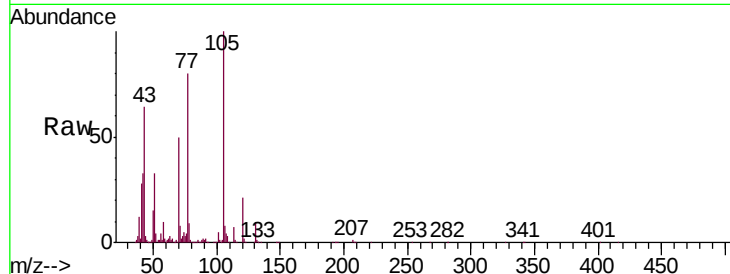




#19
n-Nitroso-di-n-propylamine
Concen: 39.540 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

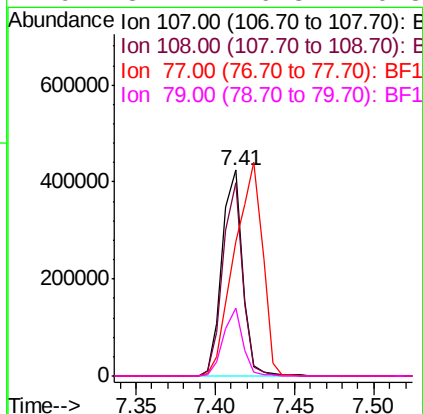
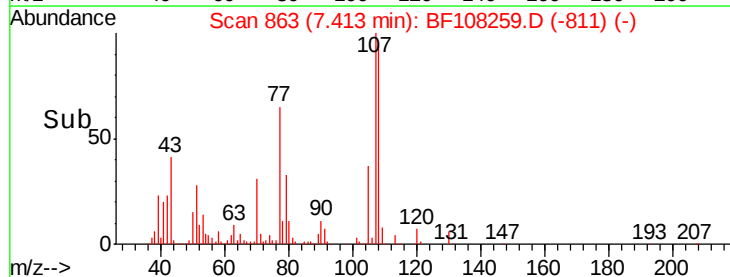
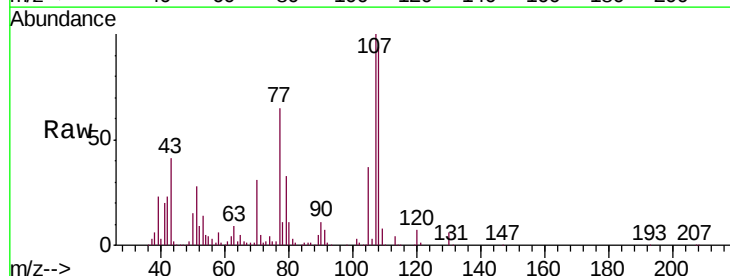
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

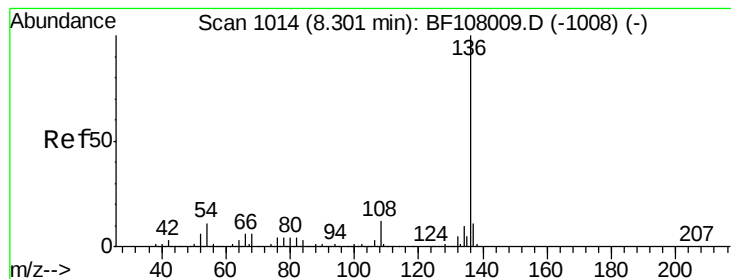
Tgt Ion:	70	Resp:	277976
Ion	Ratio	Lower	Upper
70	100		
42	65.5	47.5	71.3
101	9.8	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.517 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:	107	Resp:	382641
Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	65.5	26.7	66.7
79	32.7	6.3	46.3

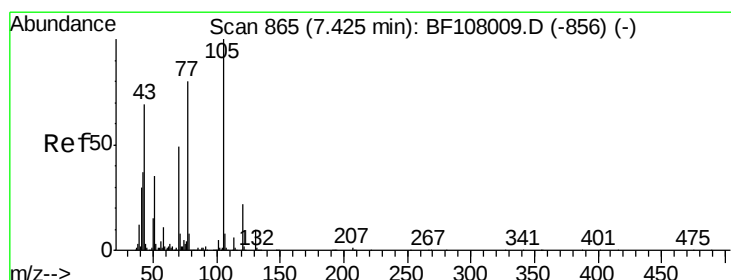
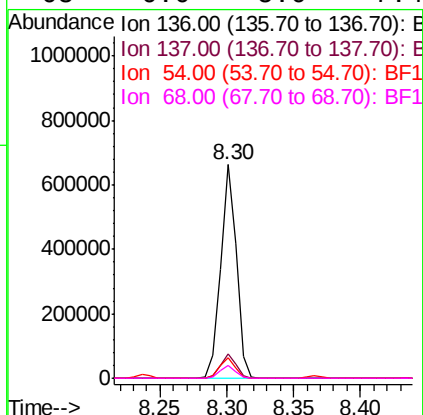
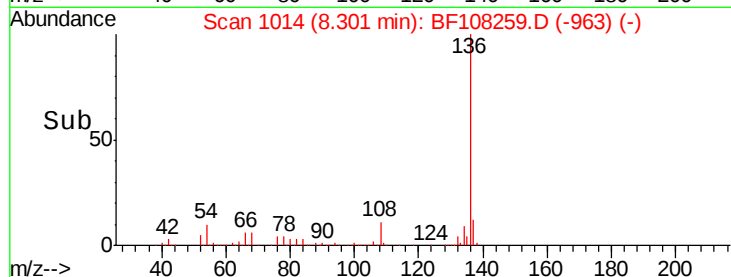
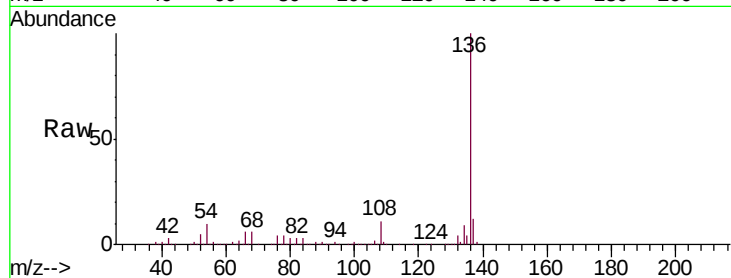




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

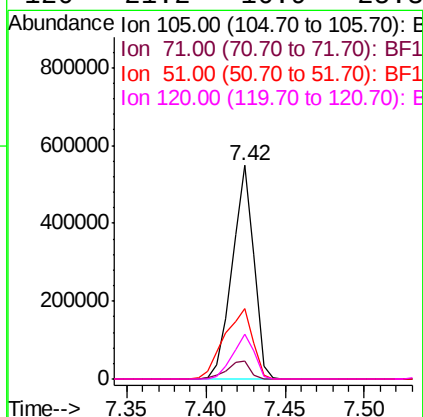
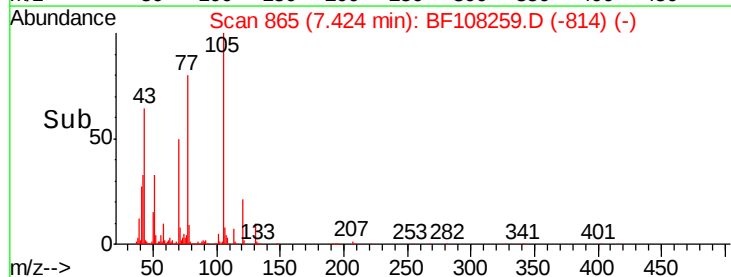
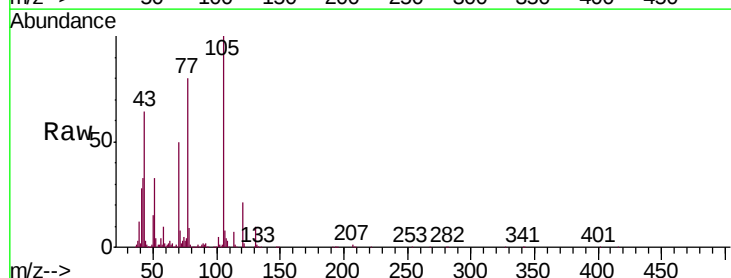
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

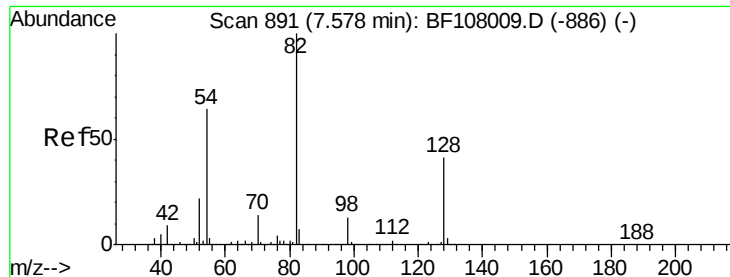
Tgt Ion:	136	Resp:	554473
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.9	6.6	9.8#
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 40.277 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:	105	Resp:	522186
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	33.1	22.3	33.5
120	21.2	16.9	25.3

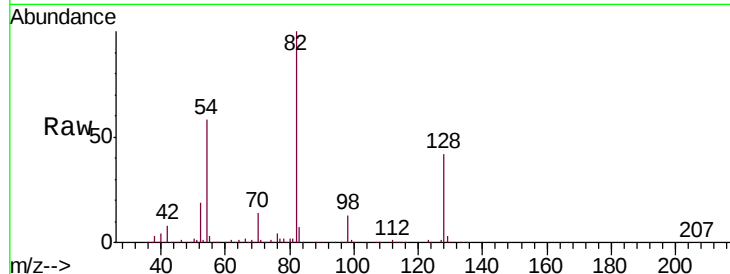




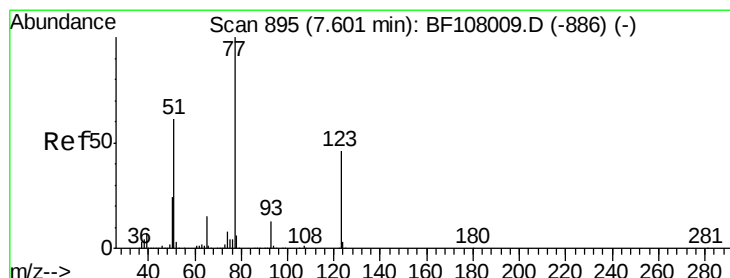
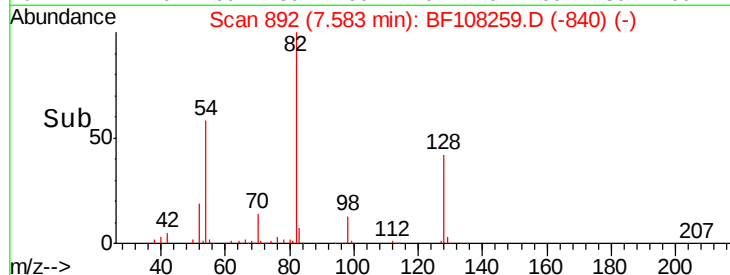
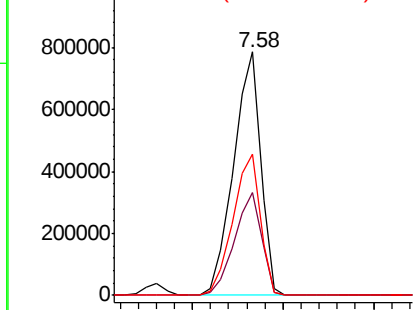
#23
 Nitrobenzene-d5
 Concen: 82.355 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	58.1	41.4	62.2

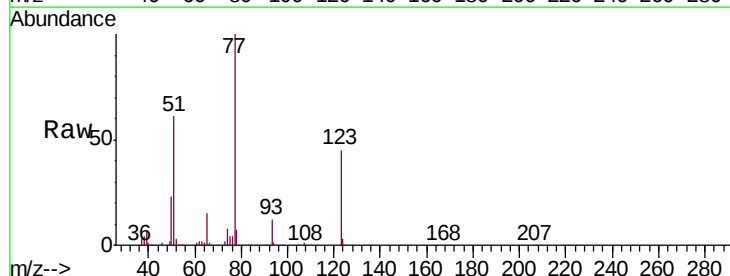


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

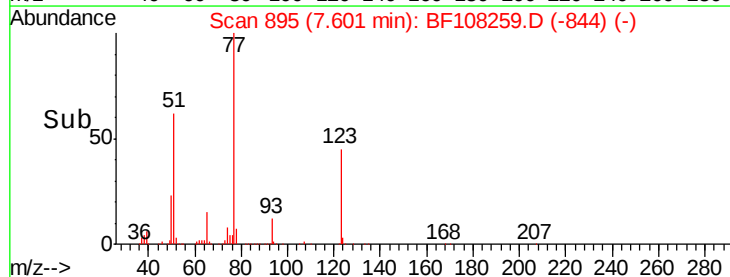
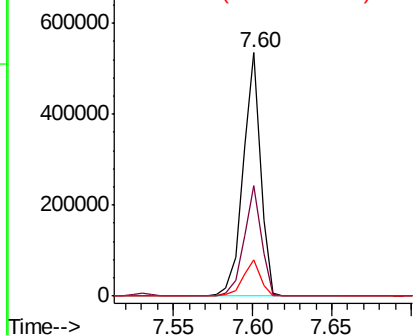


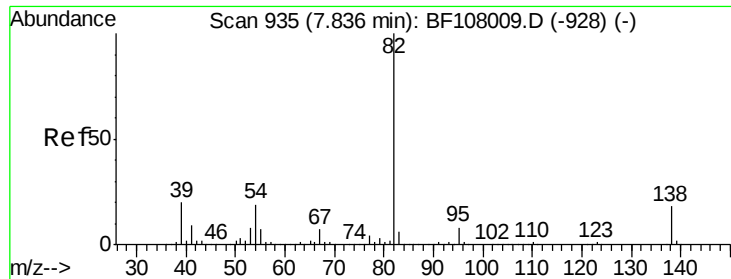
#24
 Nitrobenzene
 Concen: 40.534 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	14.7	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

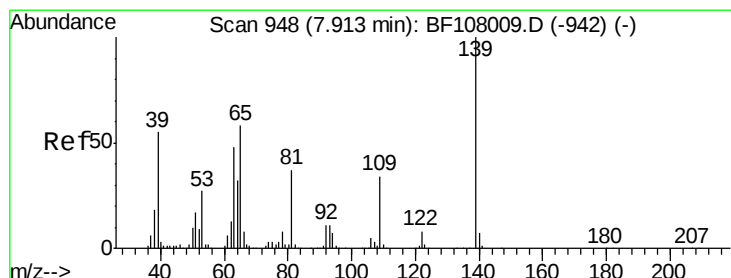
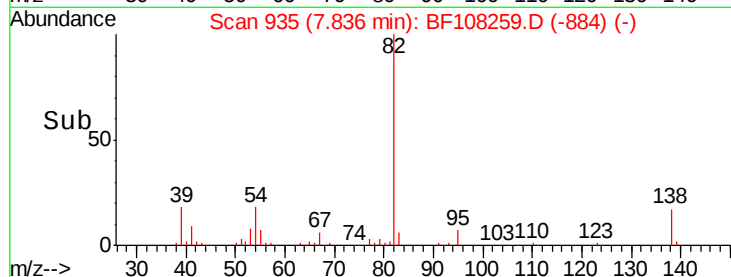
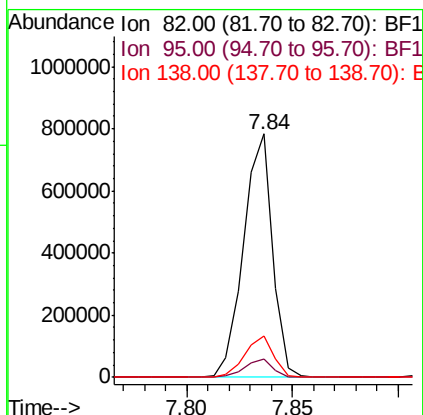
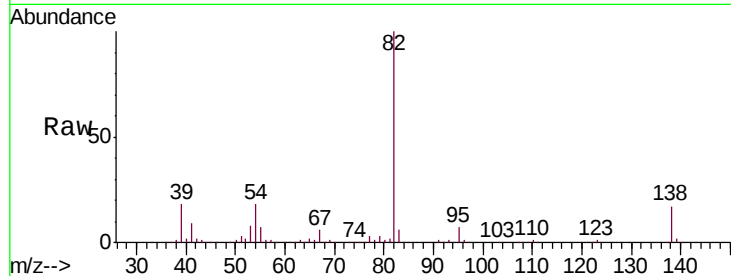




#25
Isophorone
Concen: 39.371 ng
RT: 7.84 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

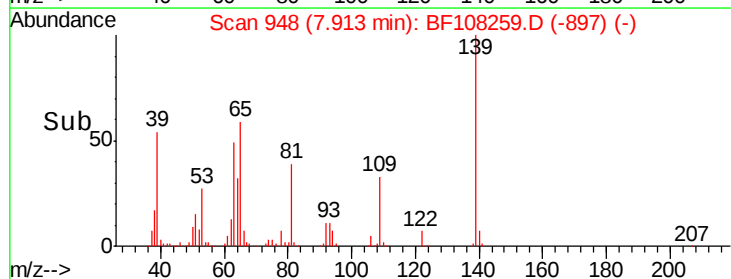
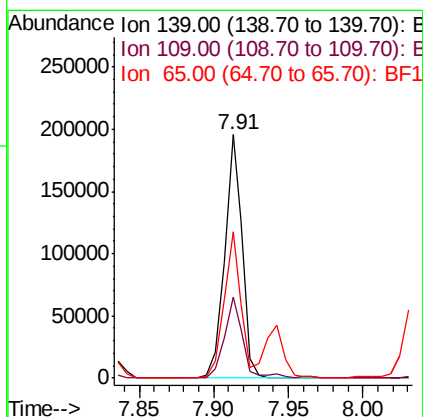
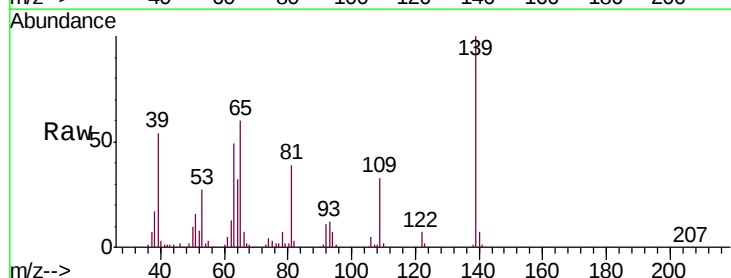
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

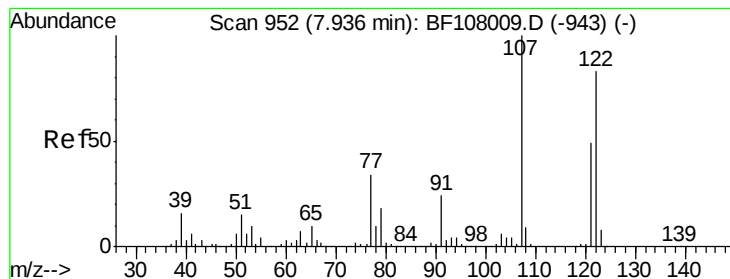
Tgt Ion: 82 Resp: 745671
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 42.769 ng
RT: 7.91 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion: 139 Resp: 162292
Ion Ratio Lower Upper
139 100
109 33.3 22.7 34.1
65 59.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.355 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

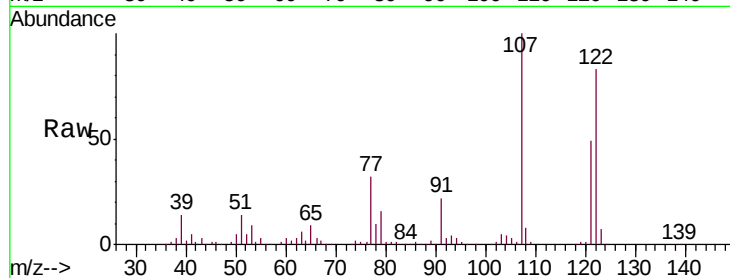
Tgt Ion:122 Resp: 330813

Ion Ratio Lower Upper

122 100

107 120.0 91.2 136.8

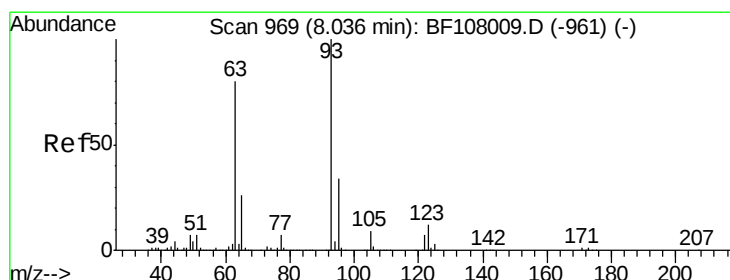
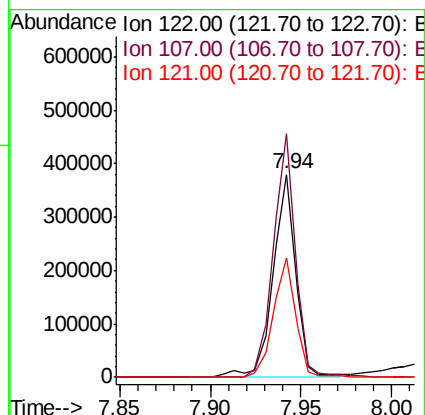
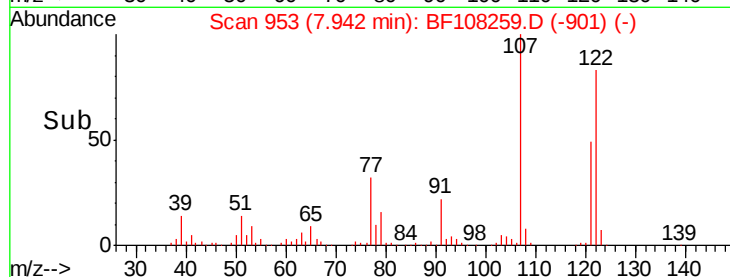
121 59.1 47.2 70.8



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: 40.408 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

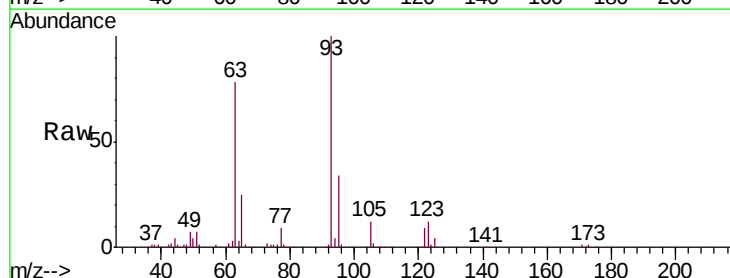
Tgt Ion: 93 Resp: 446772

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

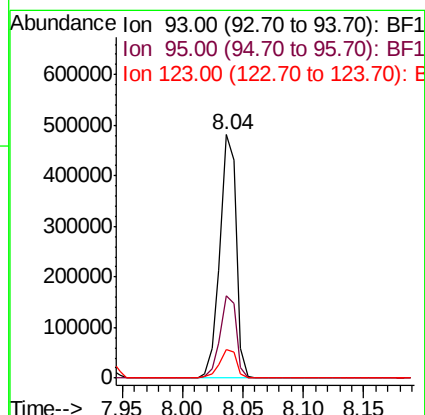
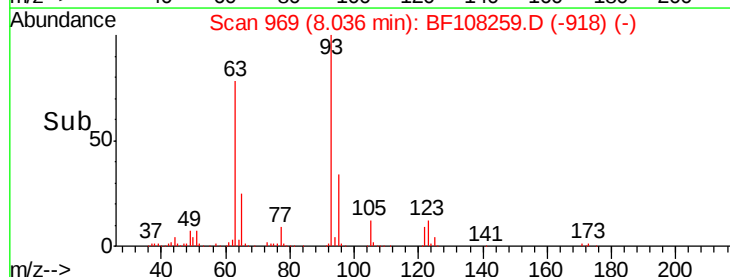
123 11.6 9.8 14.6



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

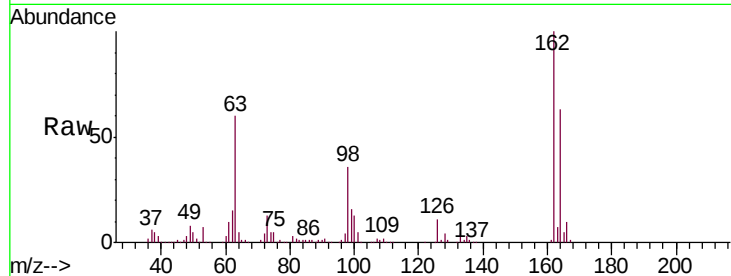




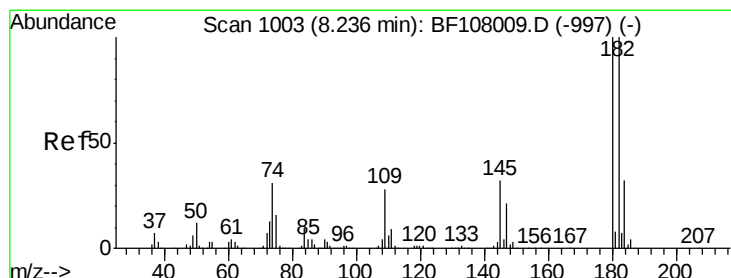
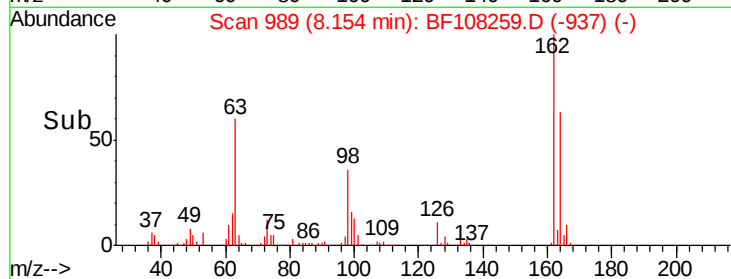
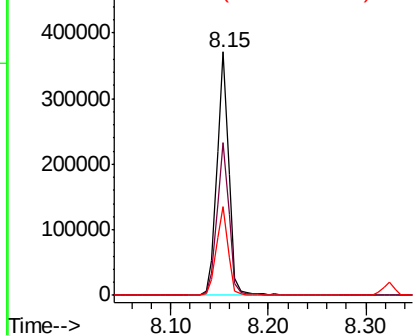
#29
2,4-Dichlorophenol
Concen: 40.575 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	36.3	18.1	58.1

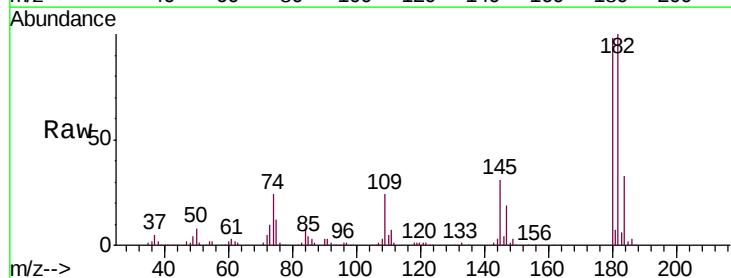


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

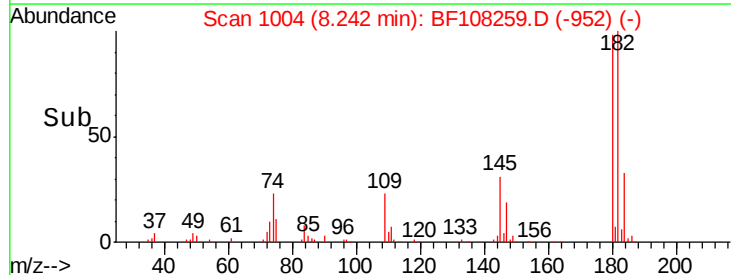
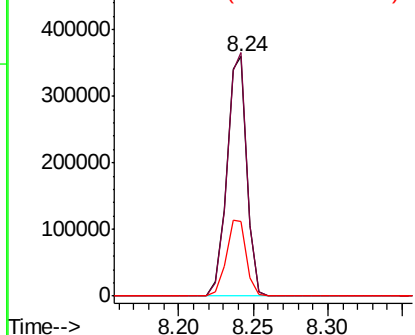


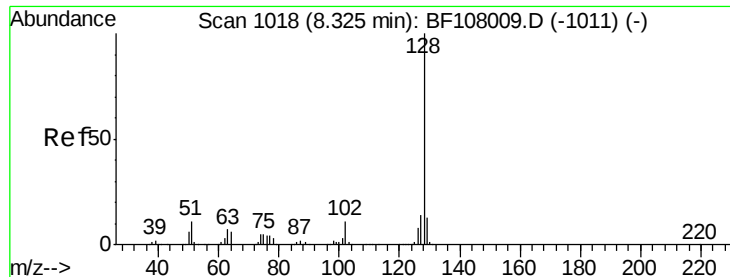
#30
1,2,4-Trichlorobenzene
Concen: 40.035 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	76.8	115.2
145	31.3	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

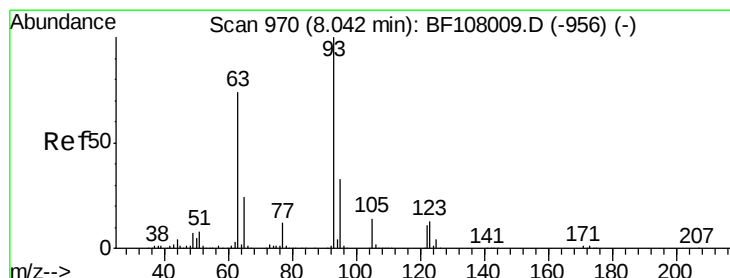
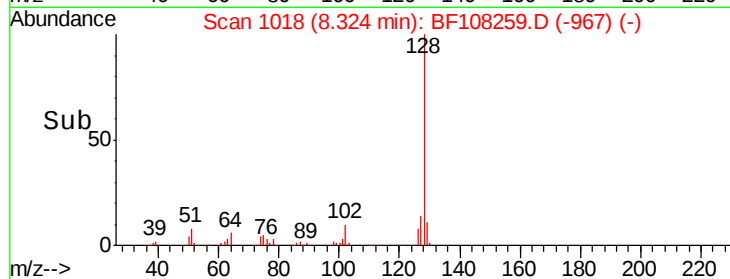
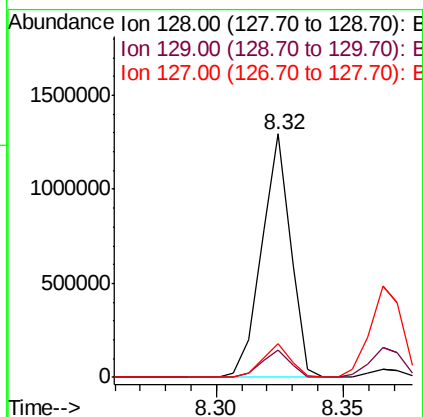
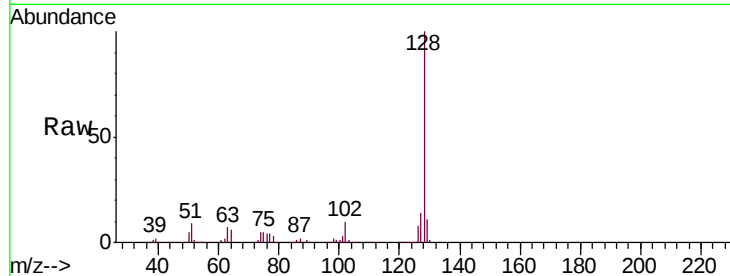




#31
Naphthalene
Concen: 41.137 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

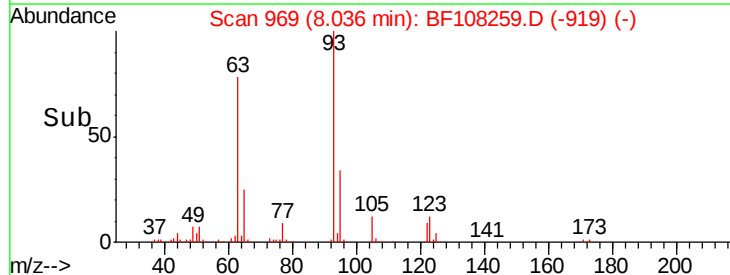
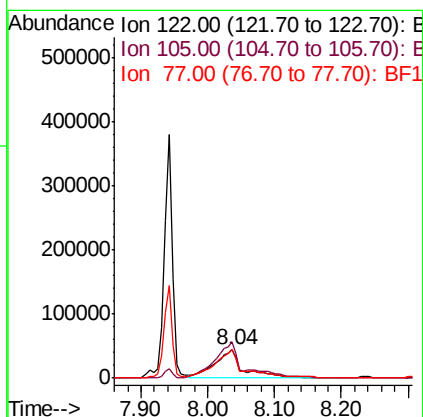
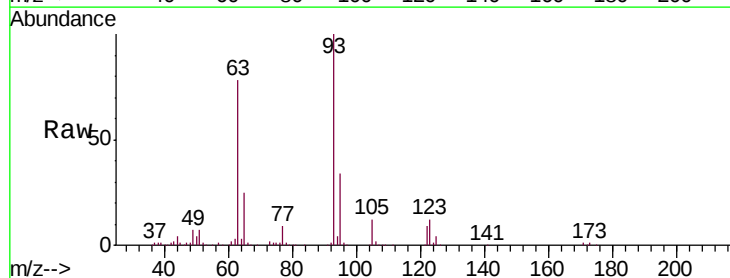
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

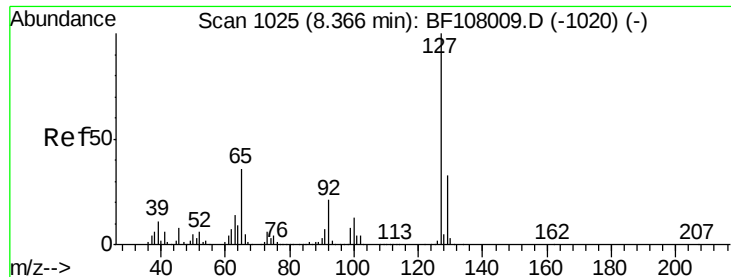
Tgt Ion:128 Resp: 1037311
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 29.484 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:122 Resp: 130981
Ion Ratio Lower Upper
122 100
105 127.7 101.1 141.1
77 100.9 70.7 110.7

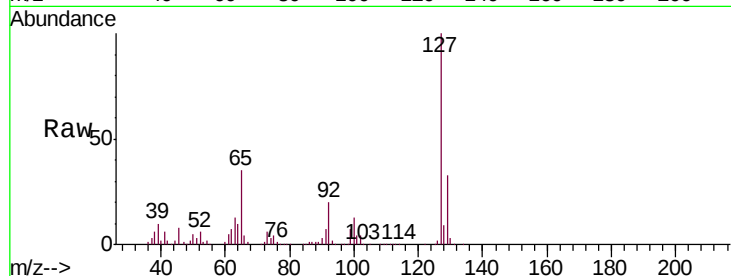




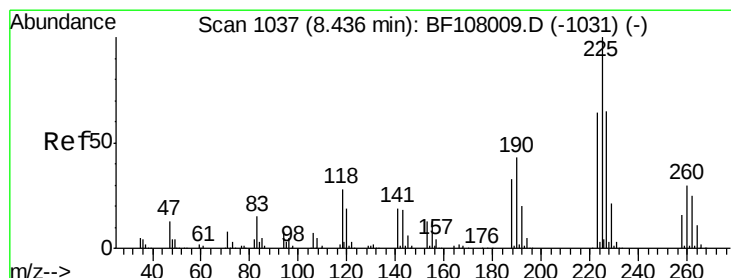
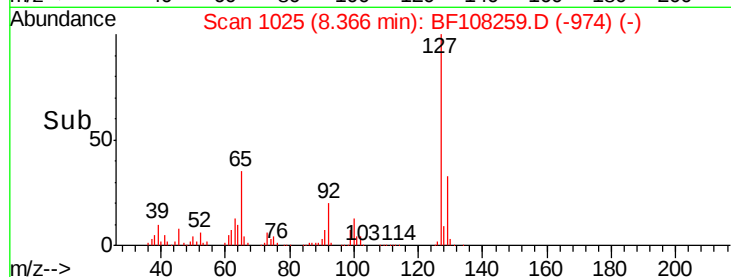
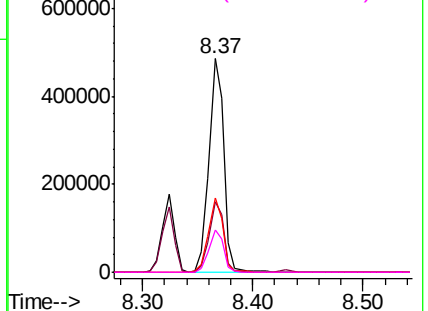
#33
4-Chloroaniline
Concen: 39.900 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	438469
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	34.8	25.0	37.4
92	20.1	15.2	22.8

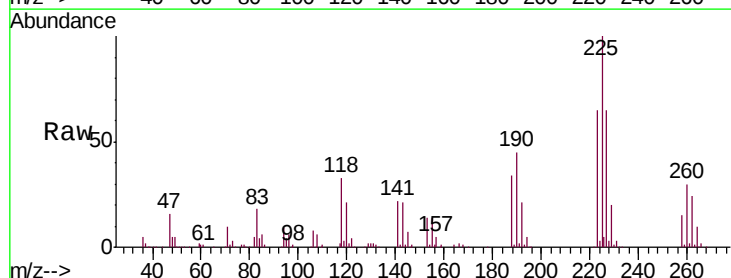


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

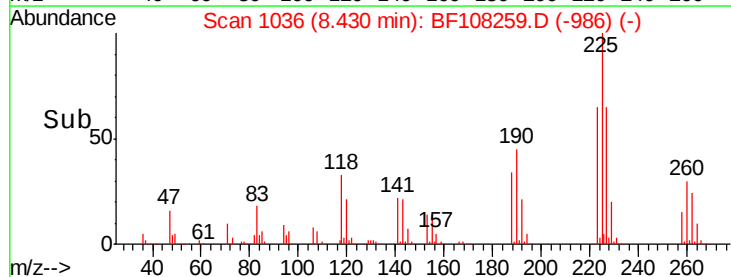
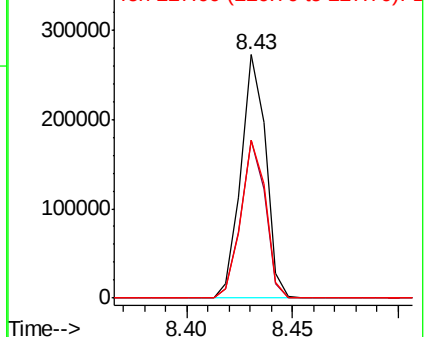


#34
Hexachlorobutadiene
Concen: 41.014 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:	225	Resp:	221444
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	64.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

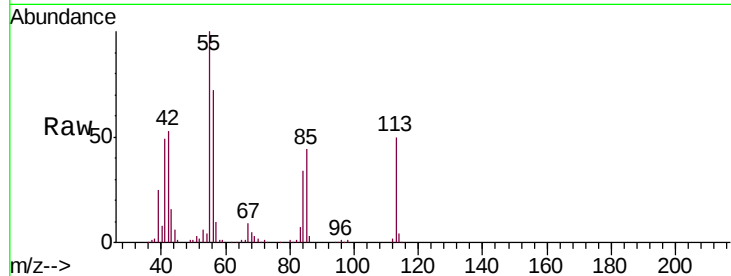




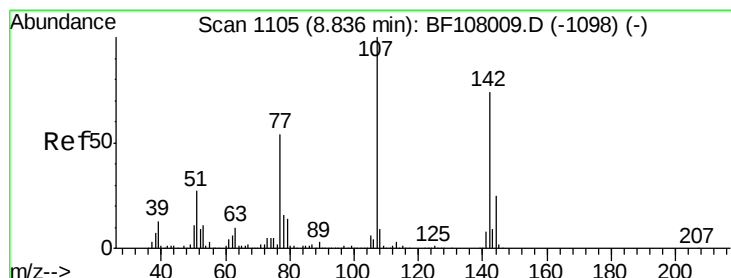
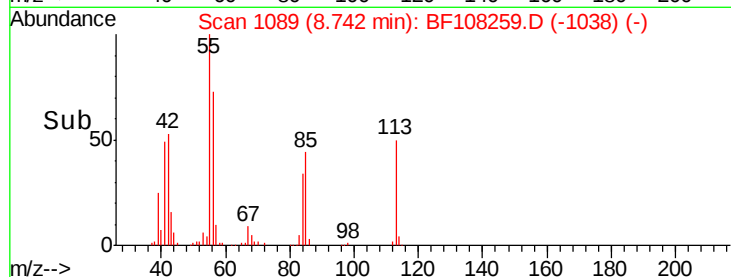
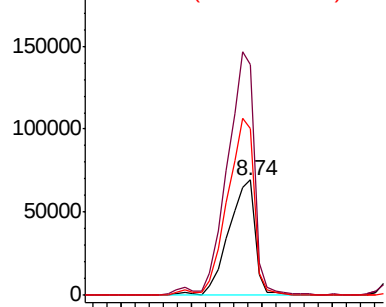
#35
 Caprolactam
 Concen: 38.230 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 92676
 Ion Ratio Lower Upper
 113 100
 55 200.2 163.3 203.3
 56 144.8 115.7 155.7

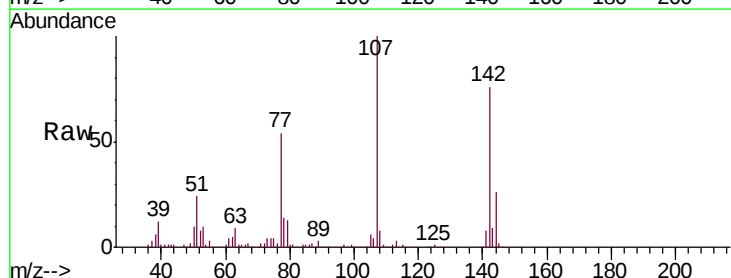


Abundance Ion 113.00 (112.70 to 113.70): E
 200000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

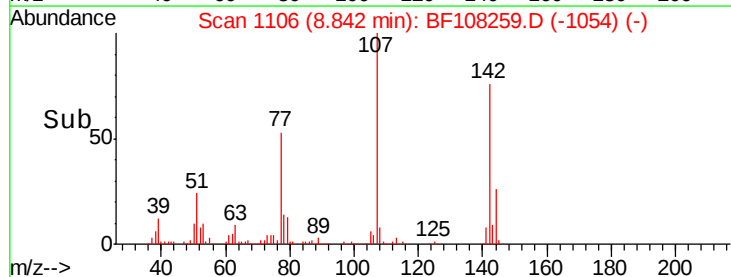
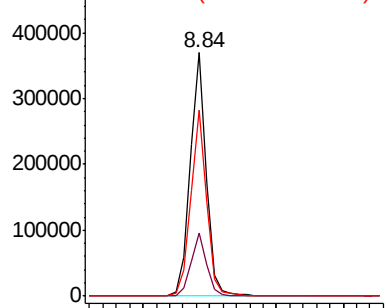


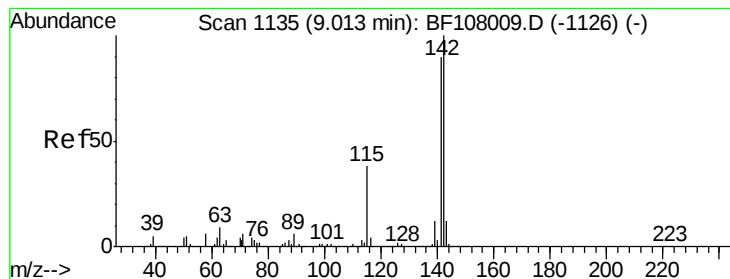
#36
 4-Chloro-3-methylphenol
 Concen: 37.698 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:107 Resp: 314592
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 76.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 500000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.860 ng

RT: 9.01 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

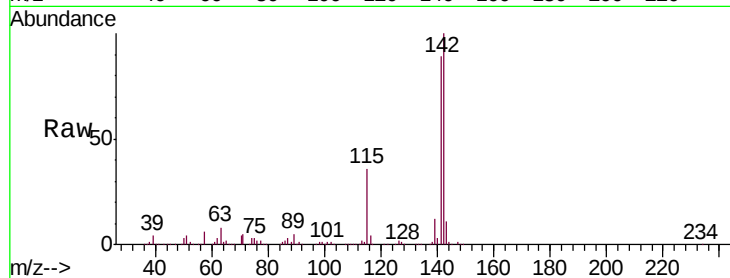
Tgt Ion:142 Resp: 711138

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

115 36.0 26.1 39.1

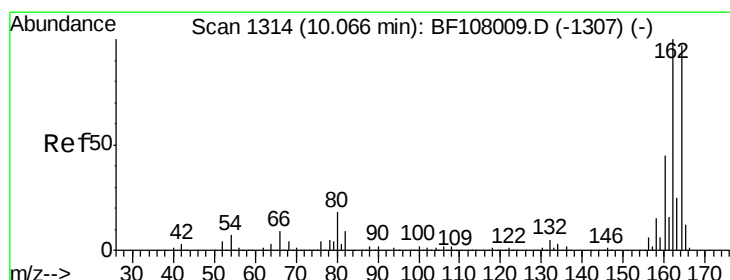
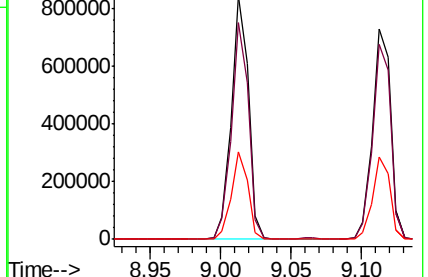
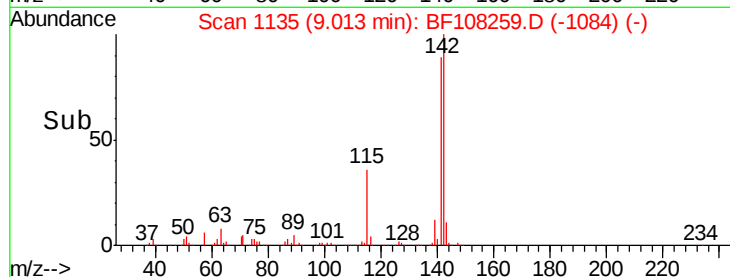


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

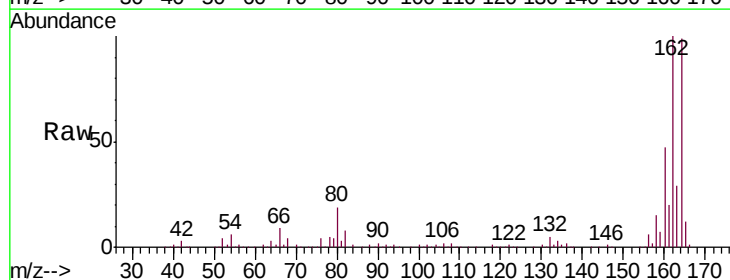
Tgt Ion:164 Resp: 248445

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

160 47.1 38.3 57.5

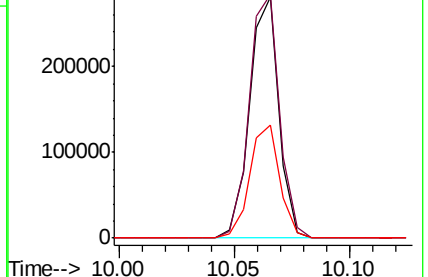
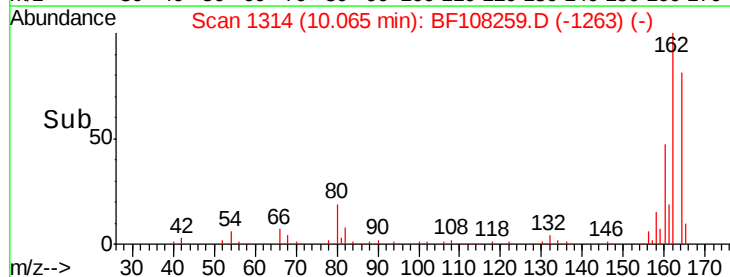


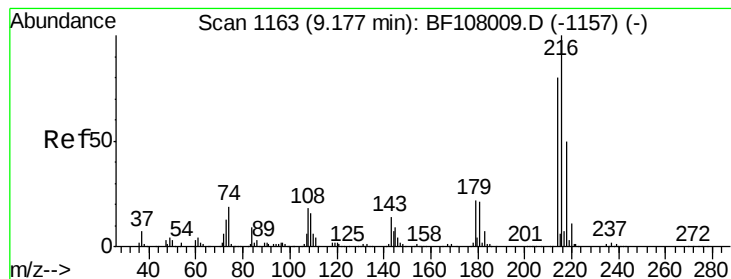
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.678 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 216 Resp: 356129

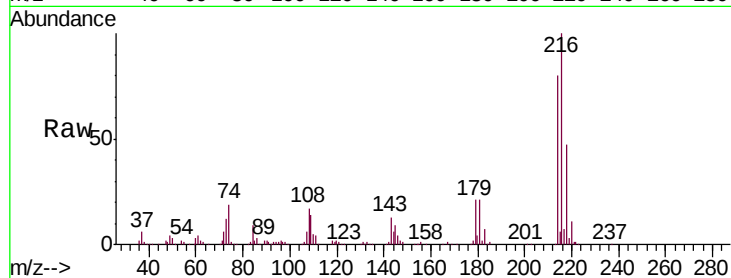
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 20.4 18.1 27.1

108 16.6 17.2 25.8#

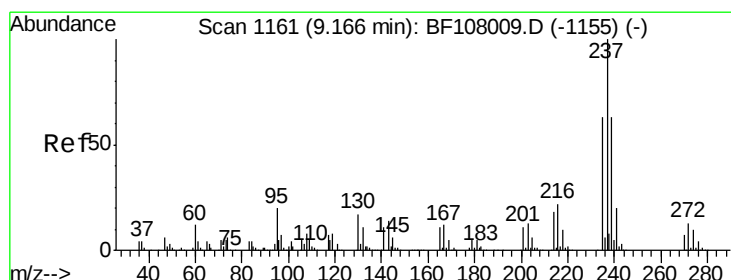
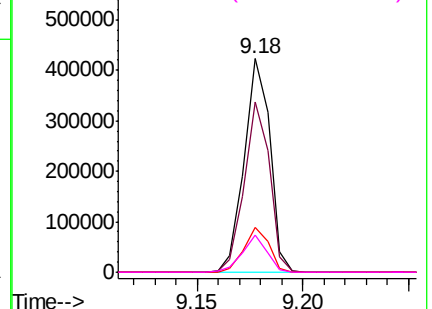
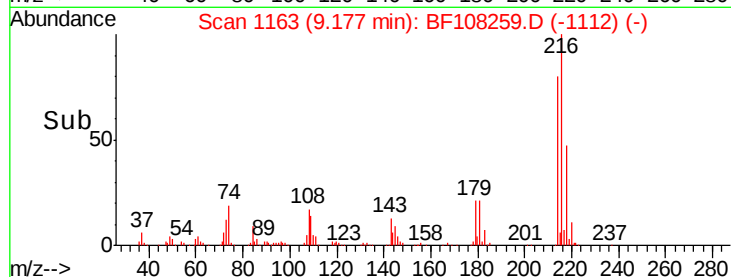


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.679 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

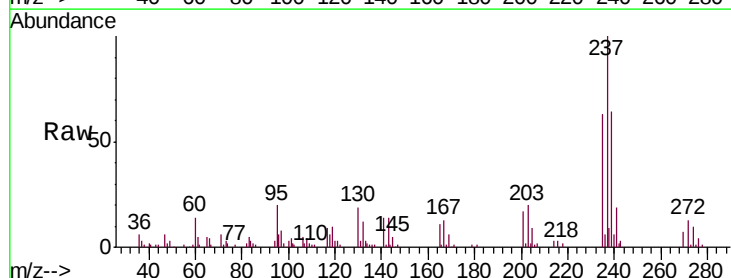
Tgt Ion: 237 Resp: 52626

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

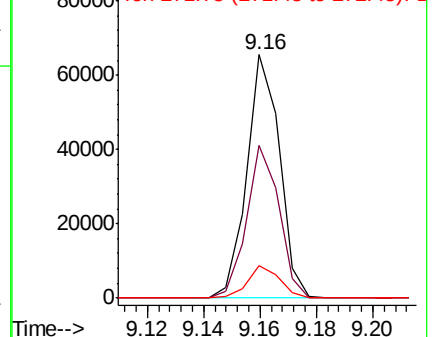
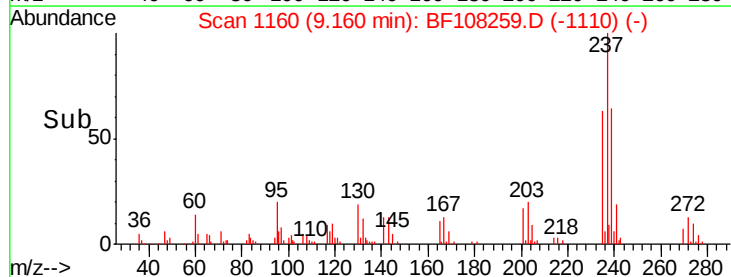
272 13.3 0.0 33.3

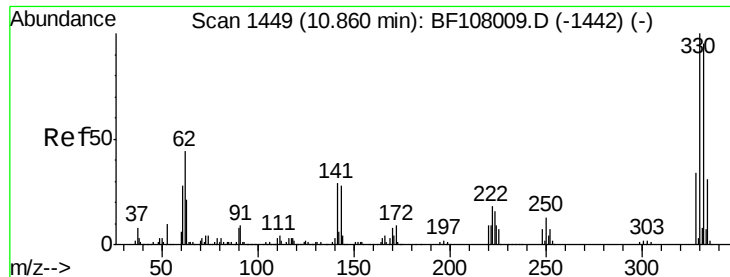


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

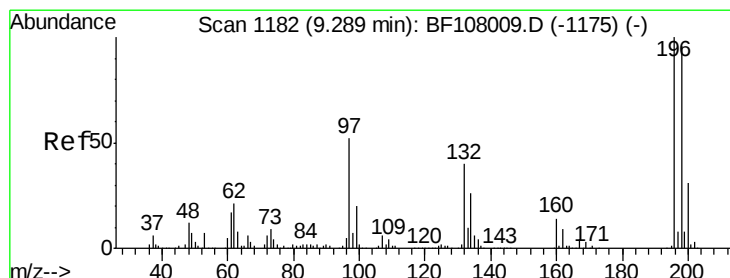
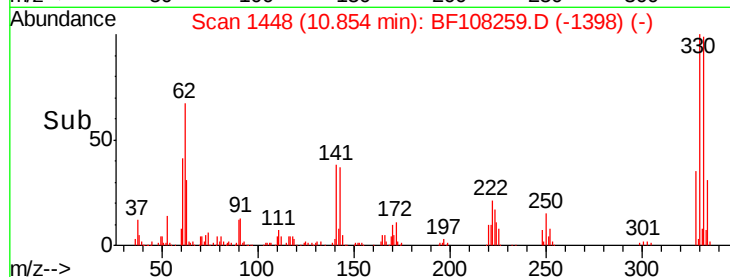
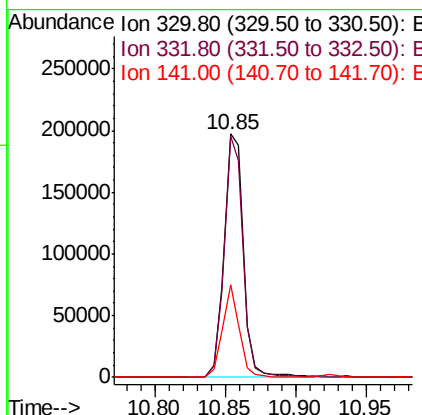
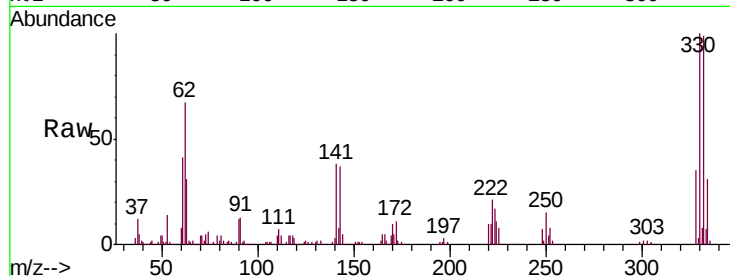




#41
 2,4,6-Tribromophenol
 Concen: 75.750 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

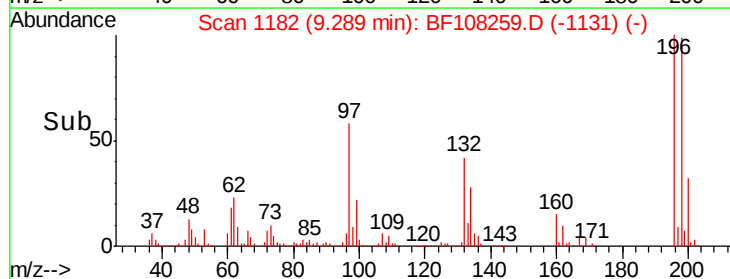
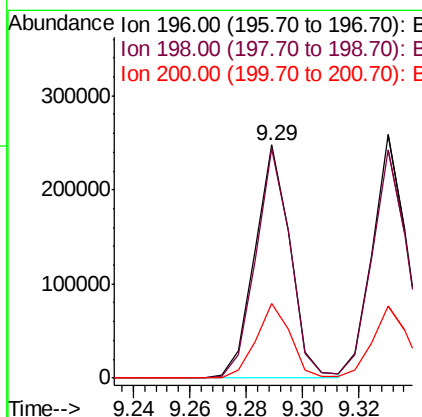
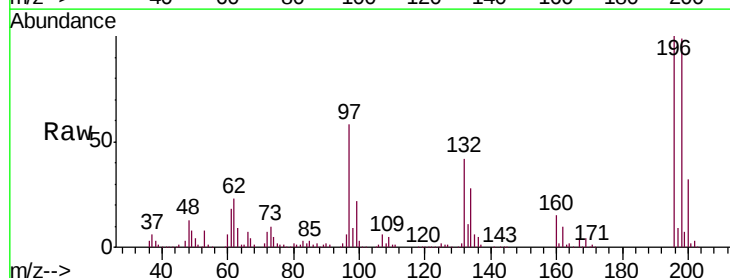
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

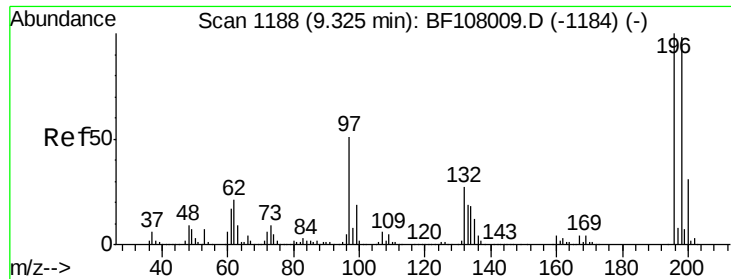
Tgt Ion:330 Resp: 187723
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.398 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:196 Resp: 214934
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.7 113.5
 200 32.0 24.5 36.7

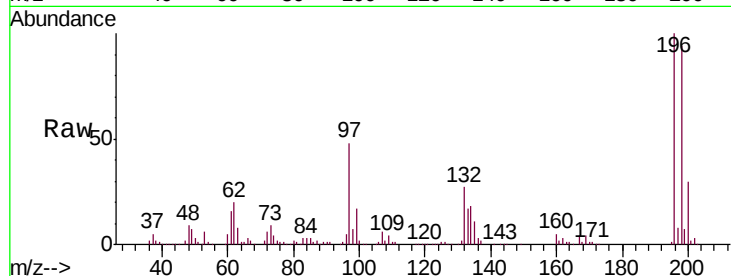




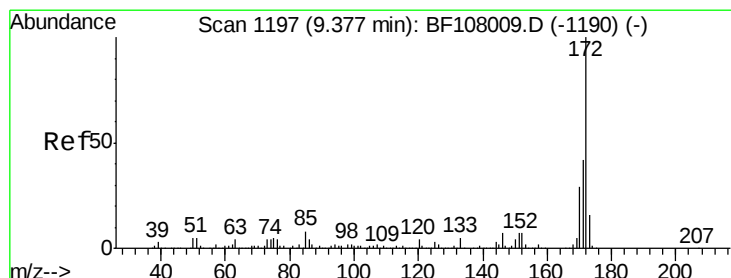
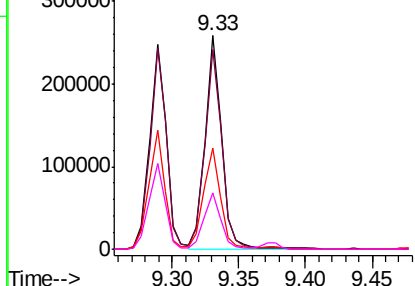
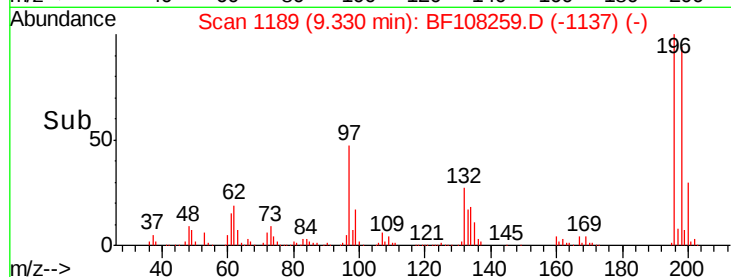
#43
 2,4,5-Trichlorophenol
 Concen: 43.047 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	224355
Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	112.0
97	47.5	42.9	64.3
132	26.6	26.3	39.5

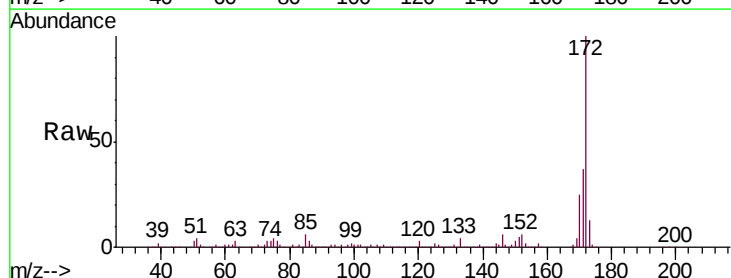


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

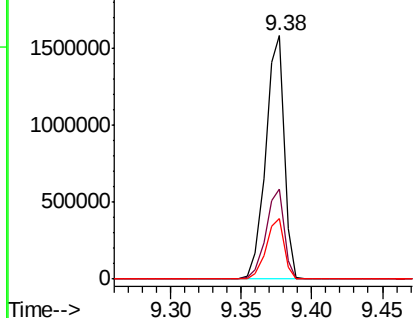
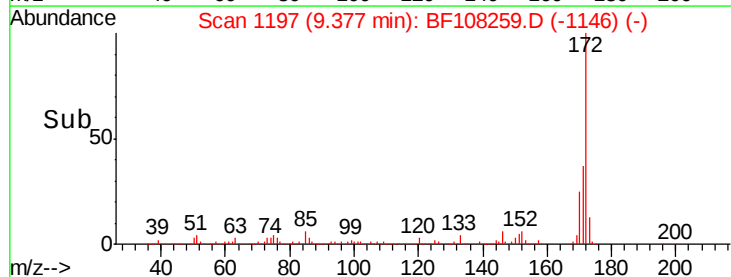


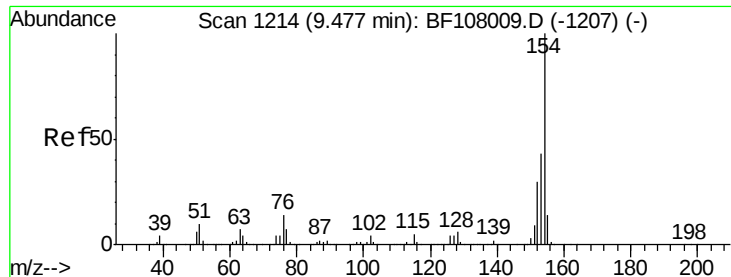
#44
 2-Fluorobiphenyl
 Concen: 94.931 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:	172	Resp:	1469054
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4



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

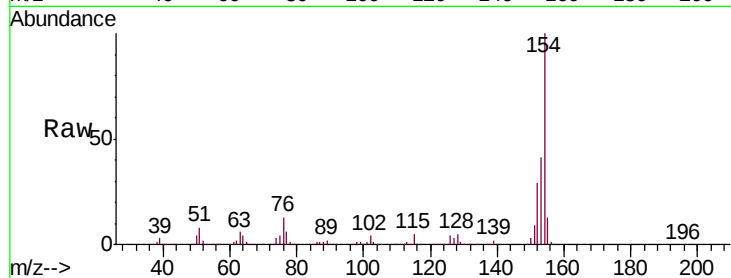




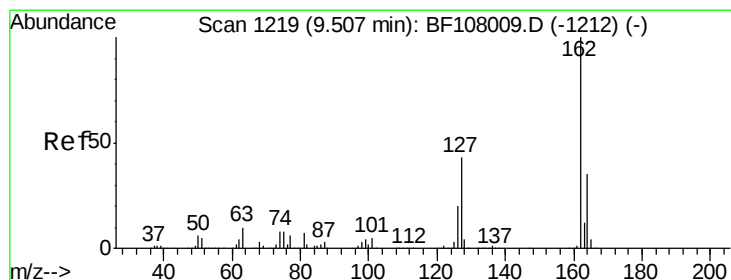
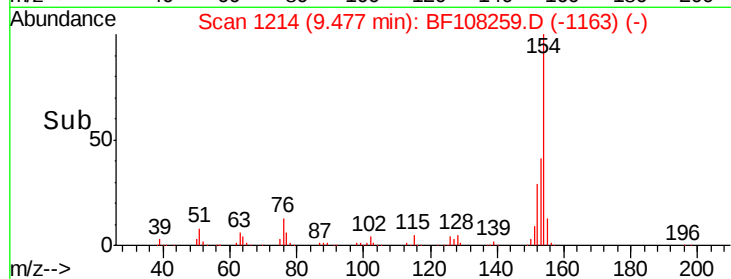
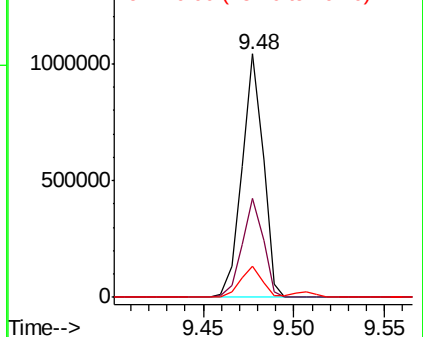
#45
 1,1'-Biphenyl
 Concen: 46.215 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	154	Resp:	846563
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.7	0.0	34.0

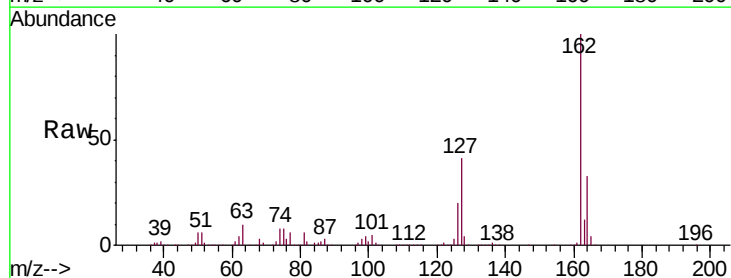


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

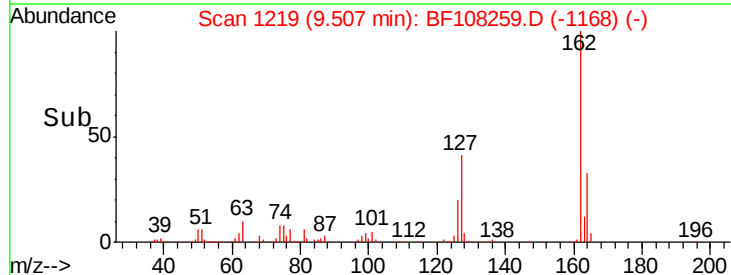
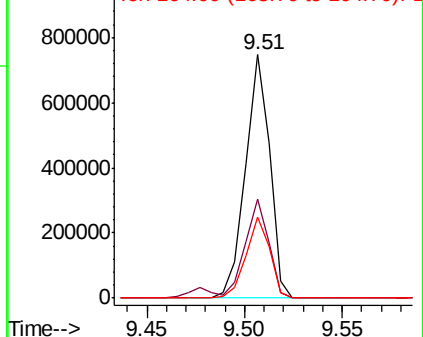


#46
 2-Chloronaphthalene
 Concen: 44.410 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:	162	Resp:	642953
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	33.3	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

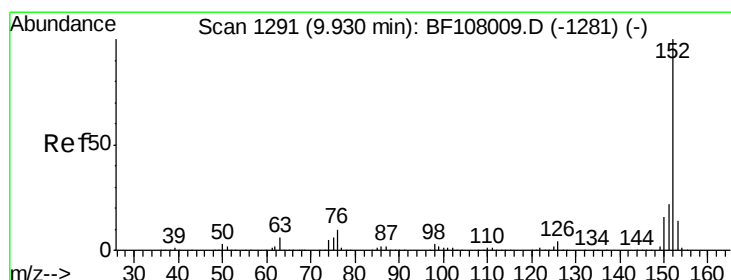
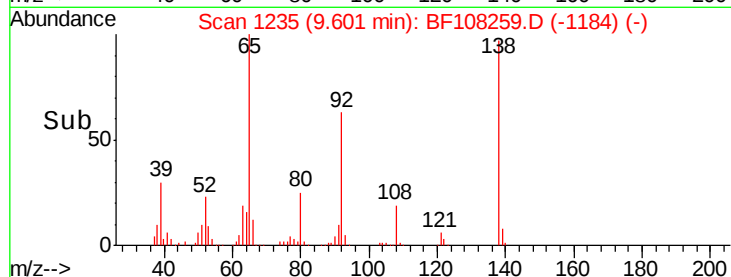
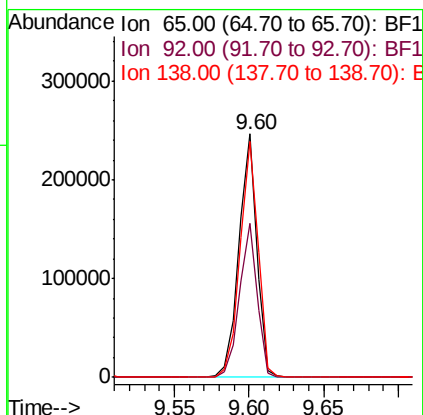
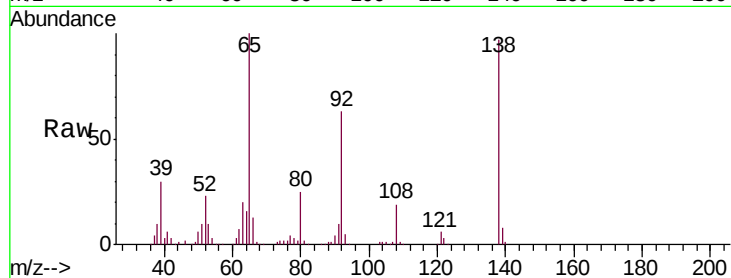




#47
2-Nitroaniline
Concen: 44.319 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

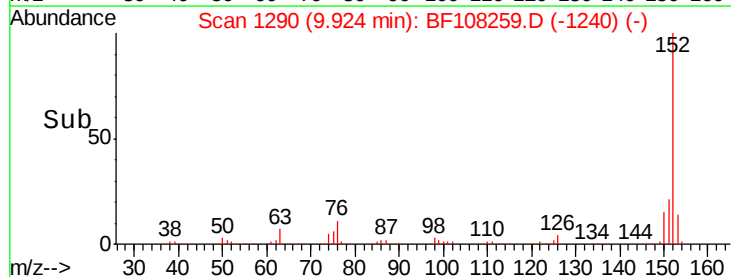
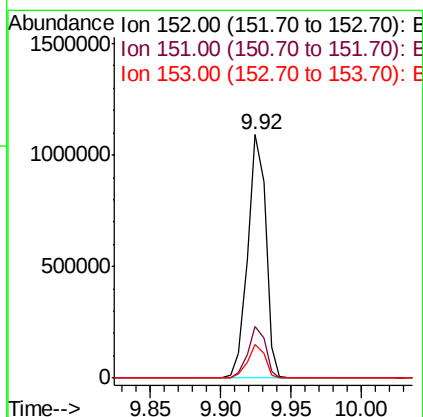
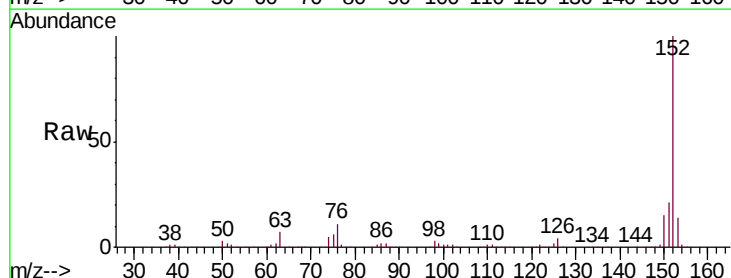
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

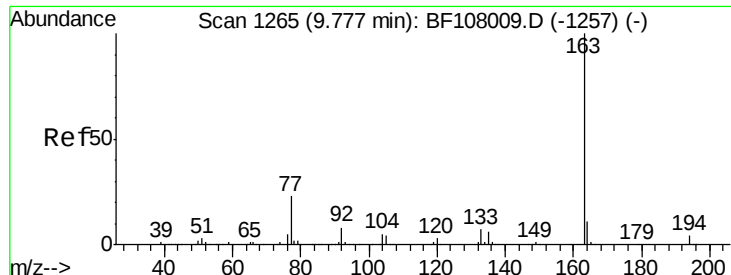
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	55.8	83.6
138	96.8	91.2	136.8



#48
Acenaphthylene
Concen: 42.876 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1

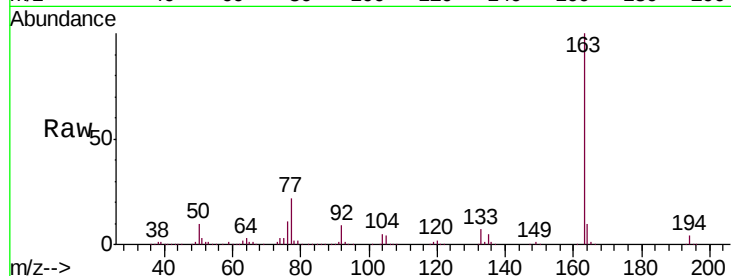




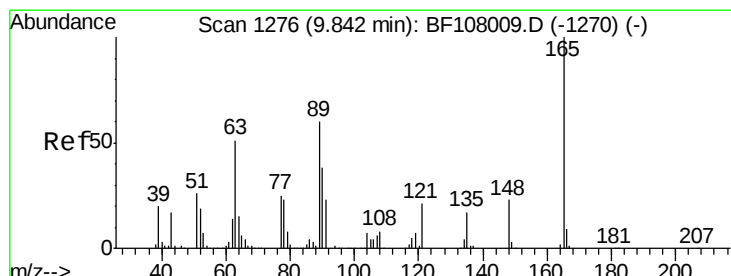
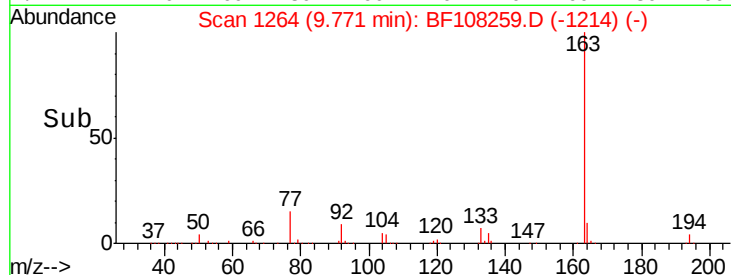
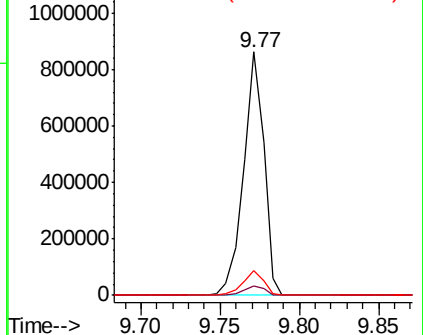
#49
Dimethylphthalate
Concen: 44.164 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

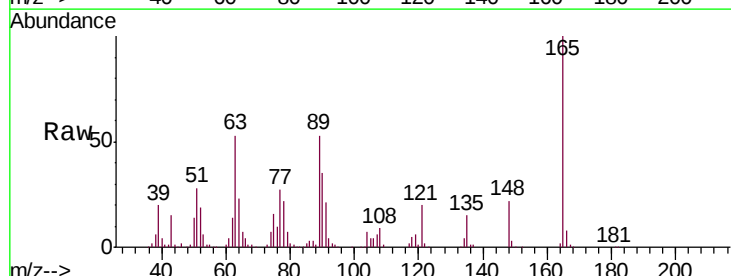


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

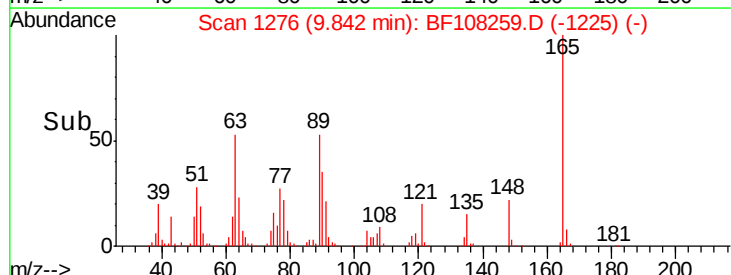
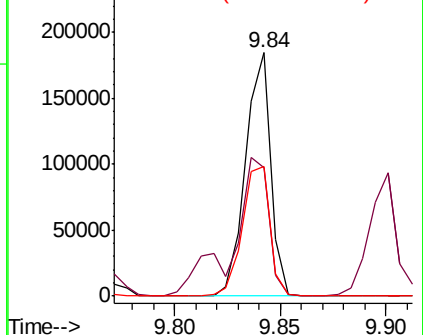


#50
2,6-Dinitrotoluene
Concen: 42.252 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.0	44.7	67.1
89	53.2	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: 40.393 ng

RT: 10.09 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

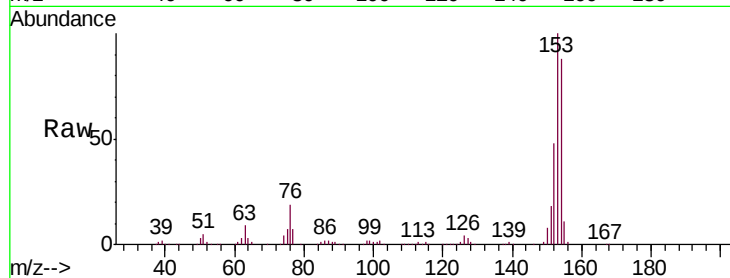
Tgt Ion:154 Resp: 566273

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

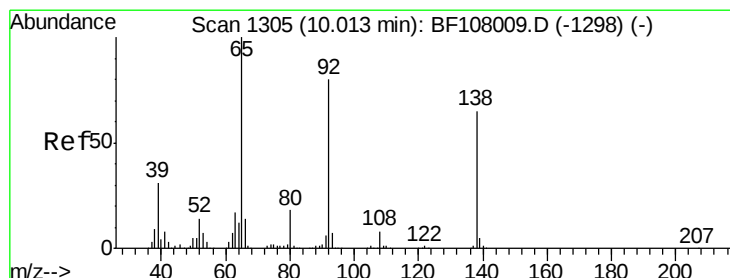
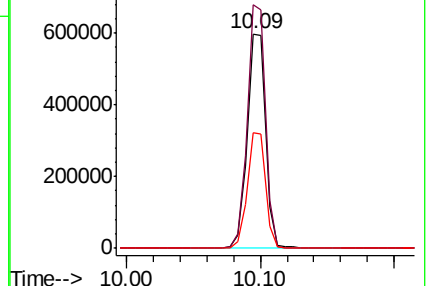
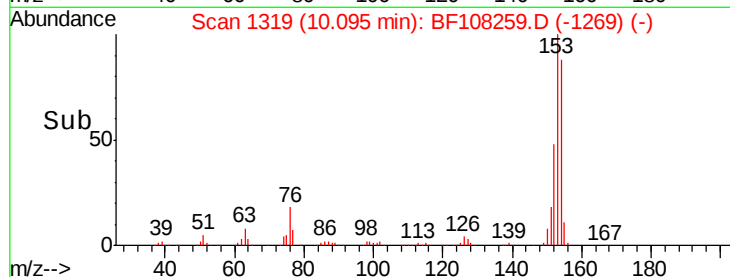
152 54.2 43.8 65.8



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: 41.338 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

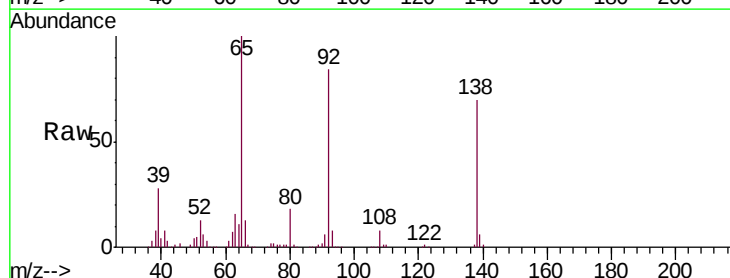
Tgt Ion:138 Resp: 163764

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

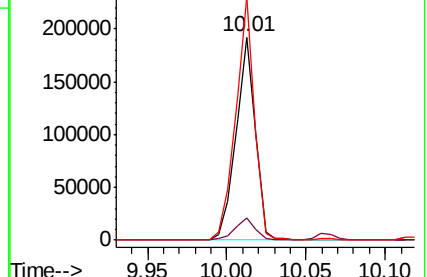
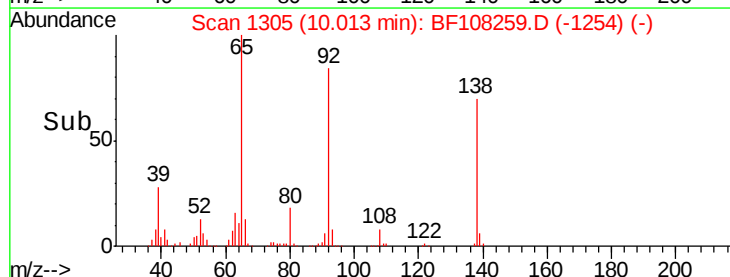
92 120.0 89.4 134.2

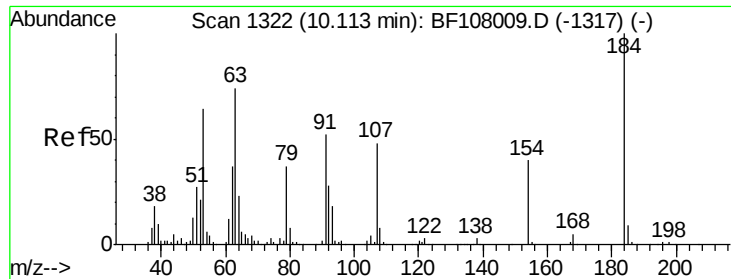


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

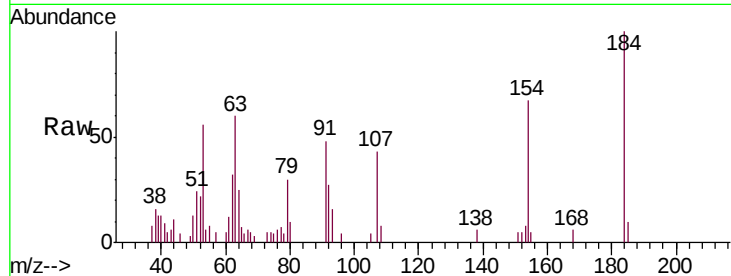




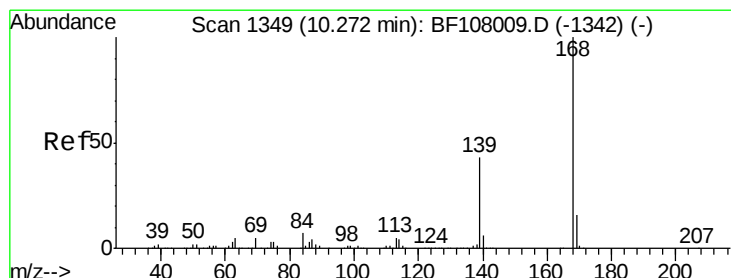
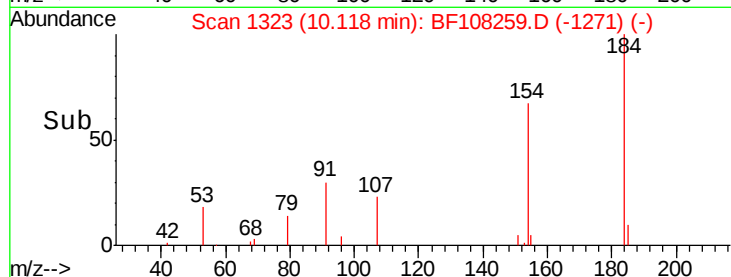
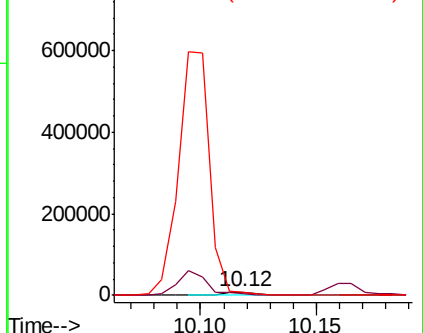
#53
 2,4-Dinitrophenol
 Concen: 12.651 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 8363
 Ion Ratio Lower Upper
 184 100
 63 59.6 54.2 81.2
 154 66.9 184.0 276.0#

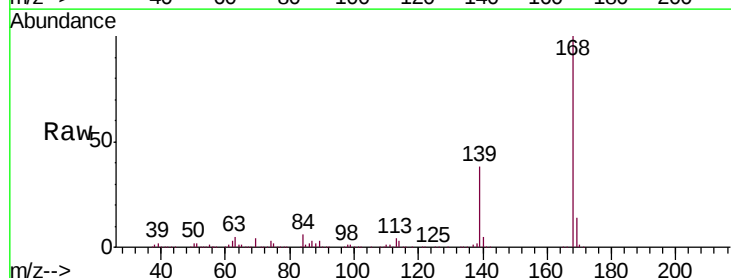


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

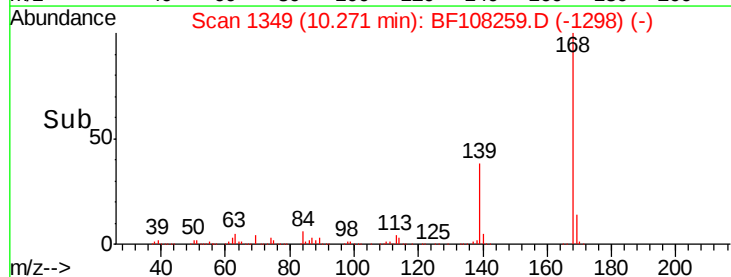
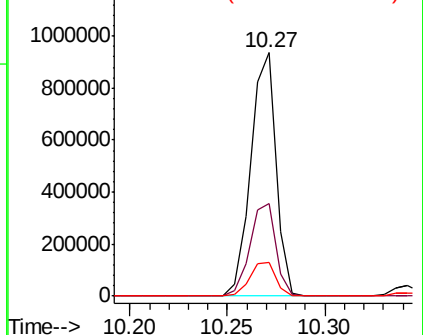


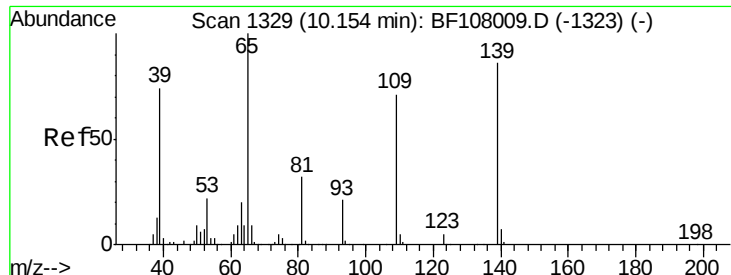
#54
 Dibenzofuran
 Concen: 41.394 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:168 Resp: 840724
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 14.1 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

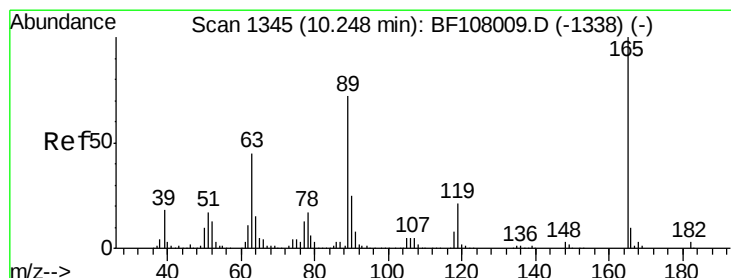
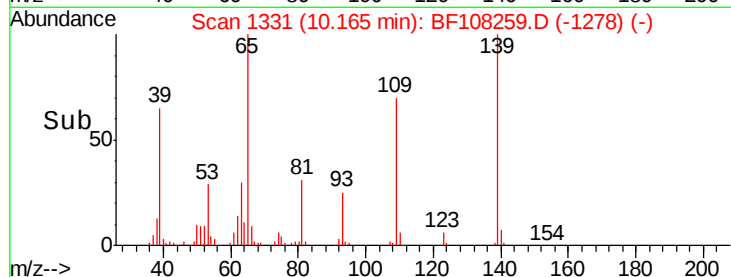
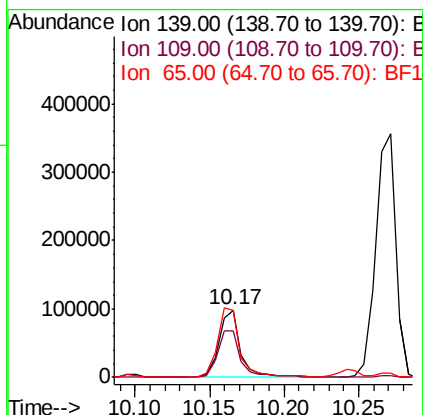
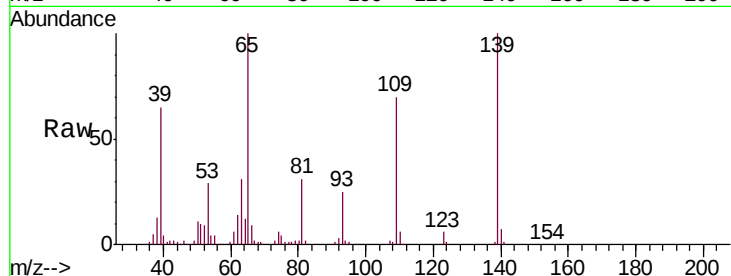




#55
4-Nitrophenol
Concen: 33.286 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

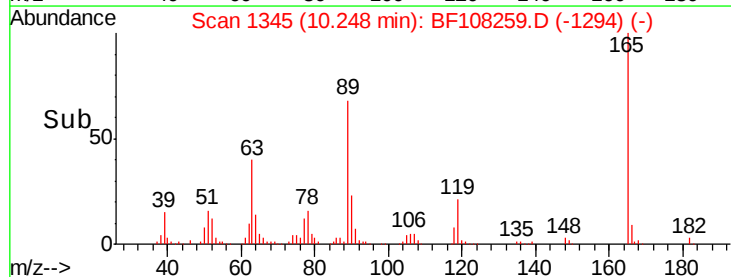
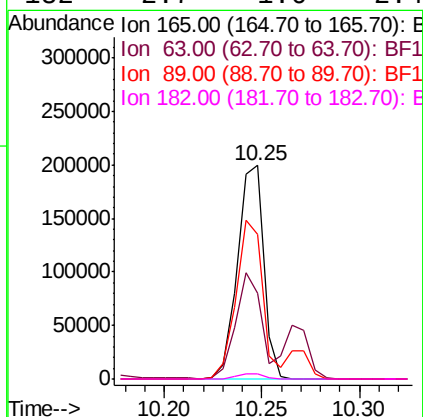
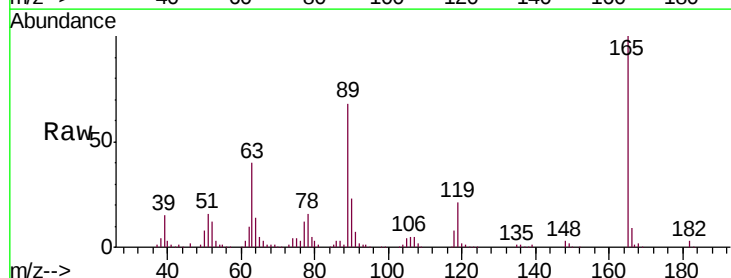
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

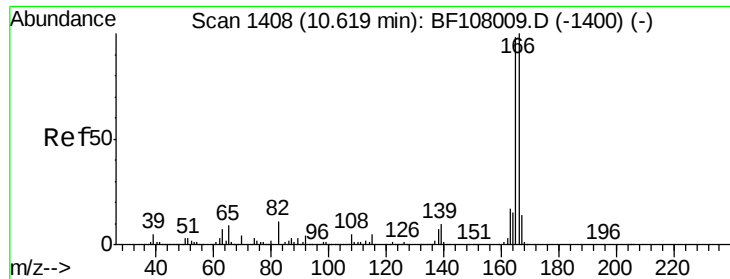
Tgt Ion:139 Resp: 99857
Ion Ratio Lower Upper
139 100
109 69.5 48.4 88.4
65 99.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.080 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:165 Resp: 186801
Ion Ratio Lower Upper
165 100
63 40.1 36.4 54.6
89 67.7 57.8 86.6
182 2.7 1.6 2.4#

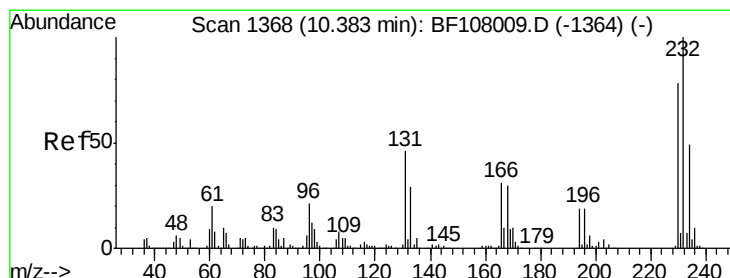
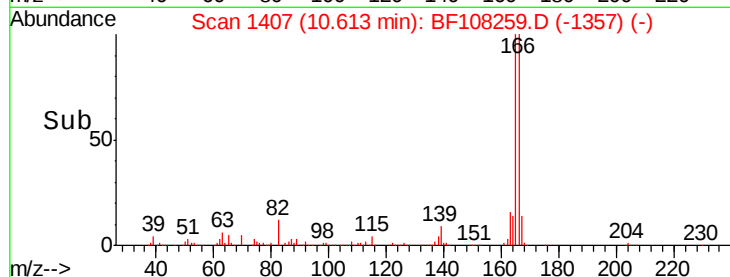
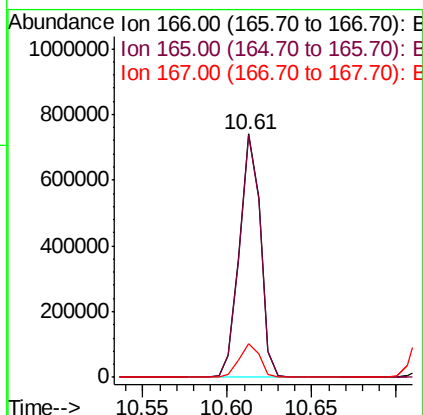
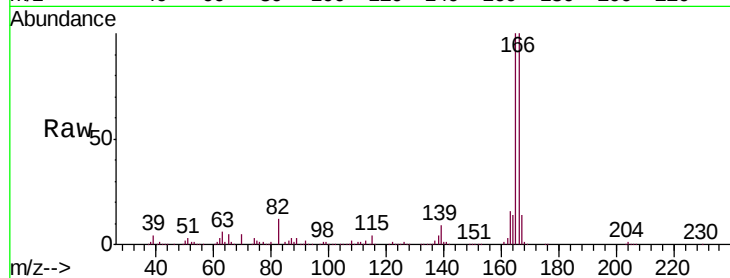




#57
 Fluorene
 Concen: 39.583 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

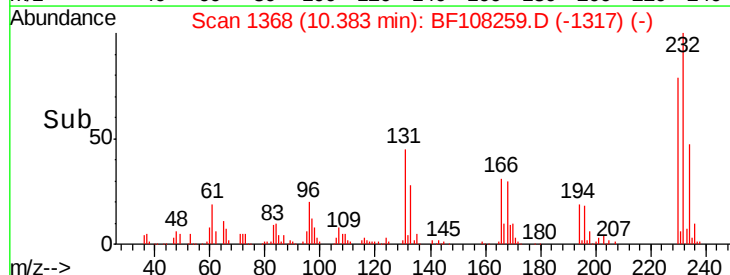
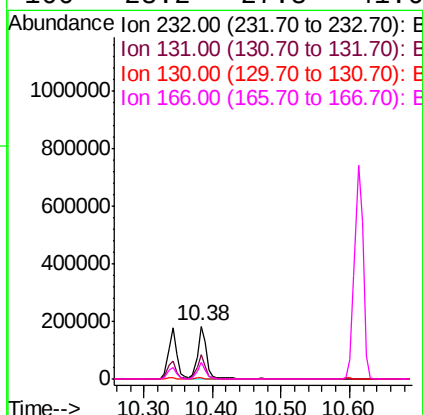
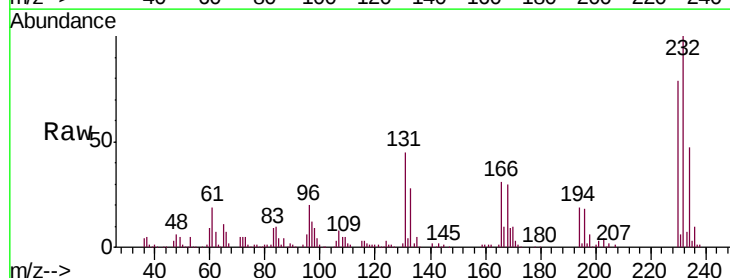
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

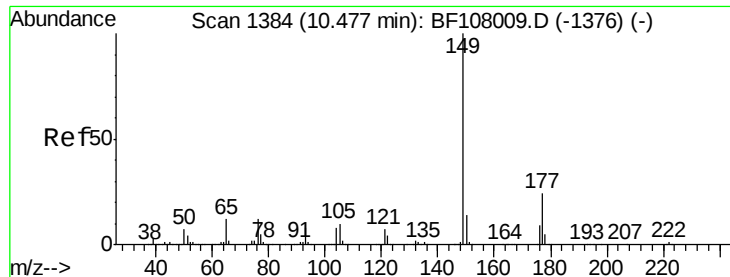
Tgt Ion:166 Resp: 636418
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.049 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:232 Resp: 170102
 Ion Ratio Lower Upper
 232 100
 131 42.0 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.2 27.8 41.6

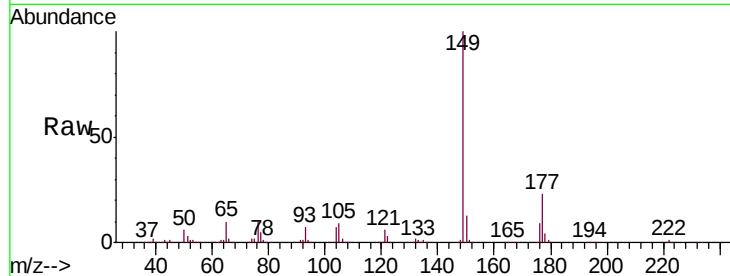




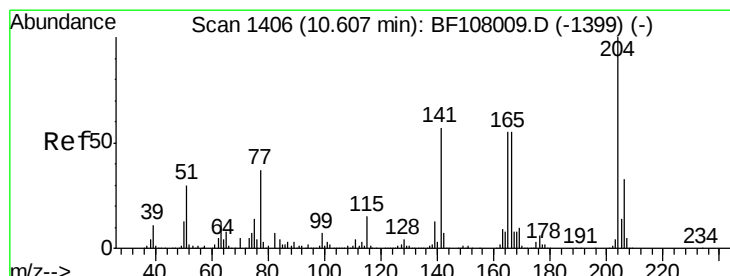
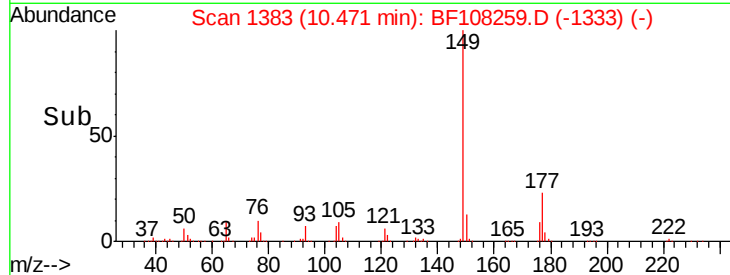
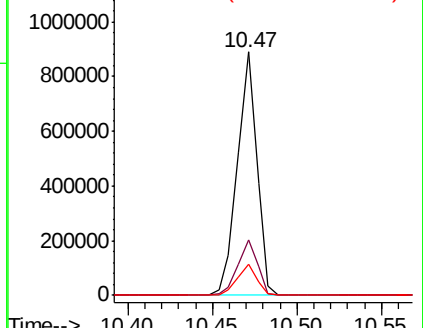
#59
Diethylphthalate
Concen: 42.662 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 714945
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.5 10.1 15.1

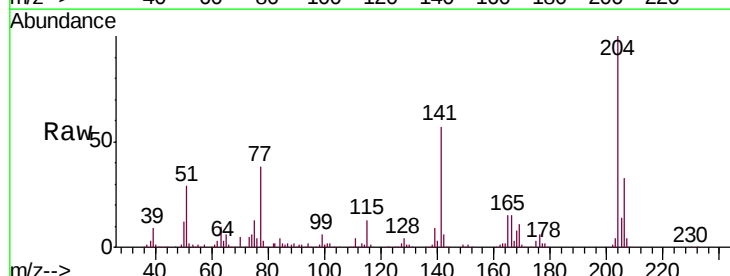


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

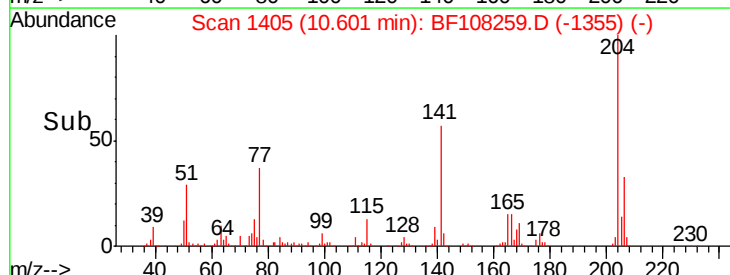
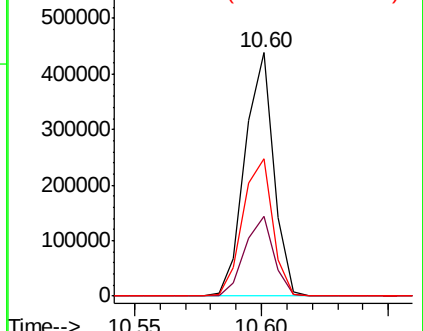


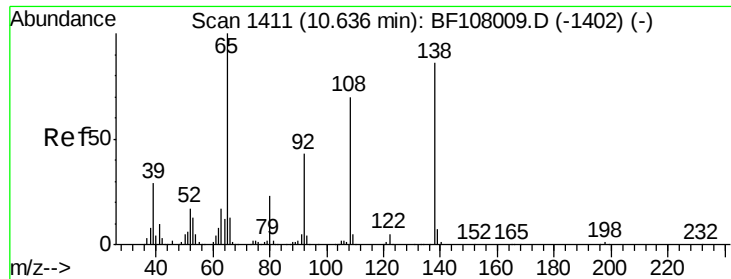
#60
4-Chlorophenyl-phenylether
Concen: 41.155 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:204 Resp: 344787
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 56.6 54.6 81.8



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

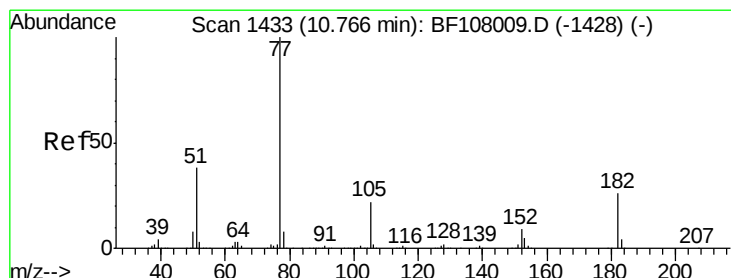
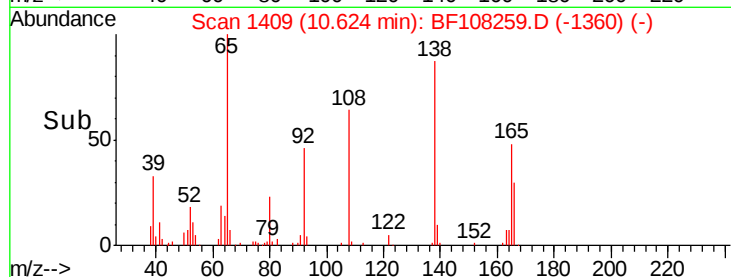
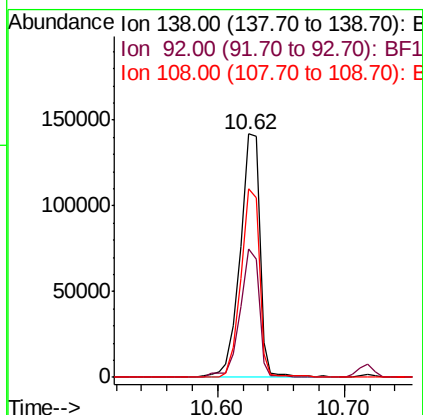
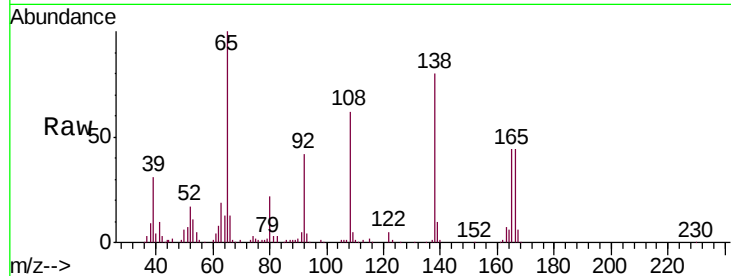




#61
4-Nitroaniline
Concen: 39.010 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

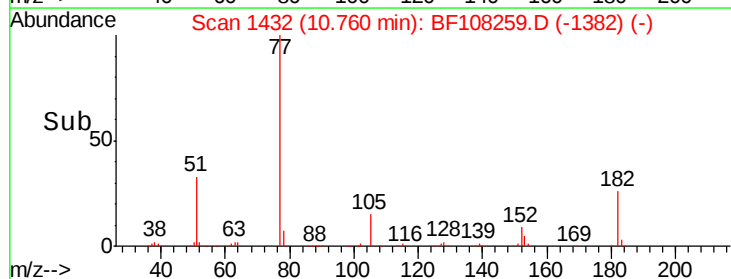
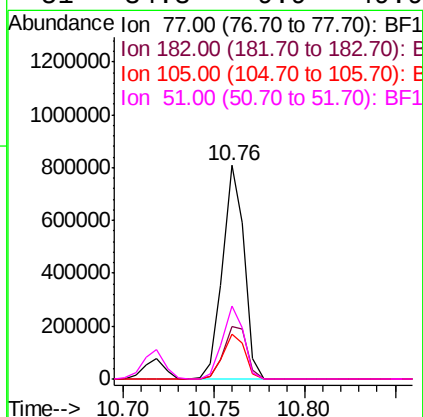
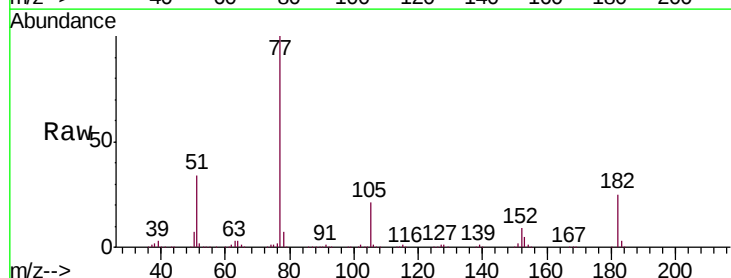
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

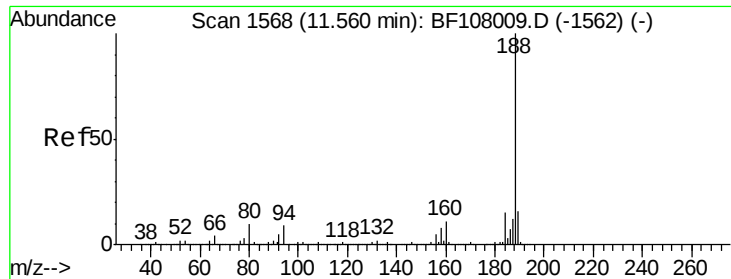
Tgt Ion: 138 Resp: 152793
Ion Ratio Lower Upper
138 100
92 52.9 30.2 70.2
108 77.4 52.5 92.5



#62
Azobenzene
Concen: 38.640 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion: 77 Resp: 668727
Ion Ratio Lower Upper
77 100
182 24.8 1.7 41.7
105 20.9 3.0 43.0
51 34.3 9.9 49.9

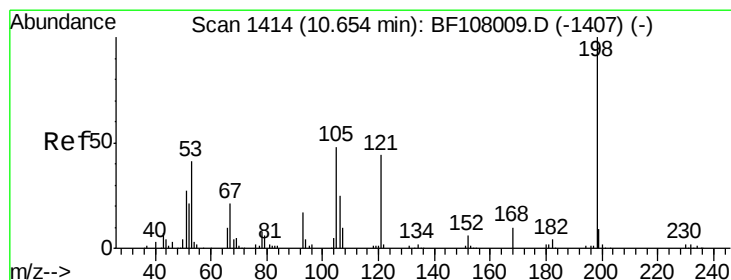
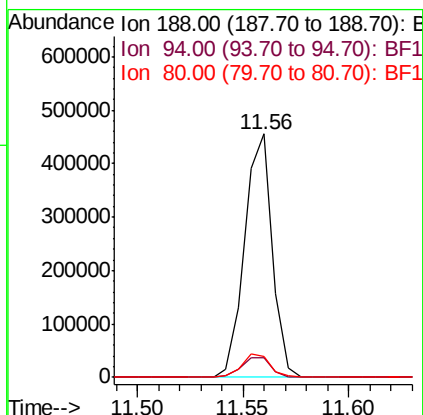
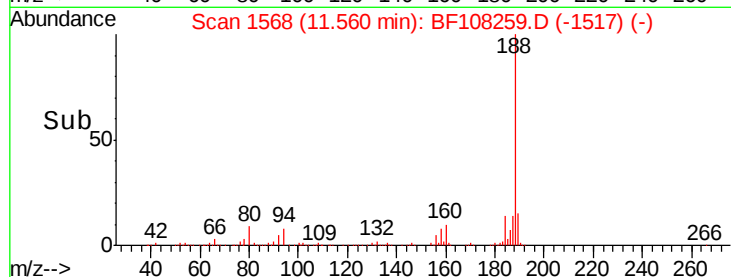
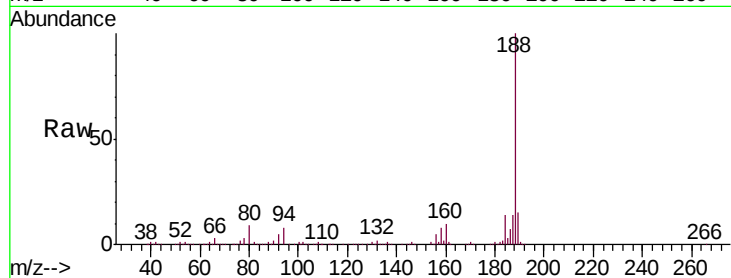




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

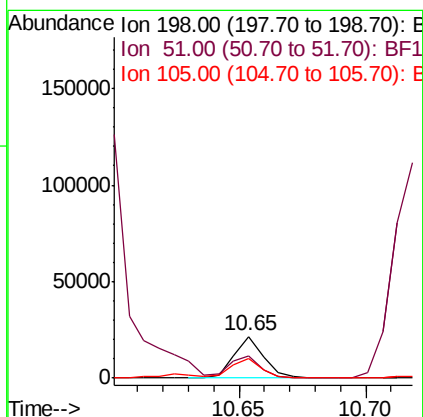
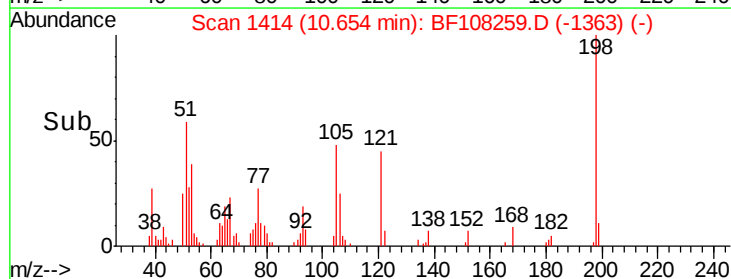
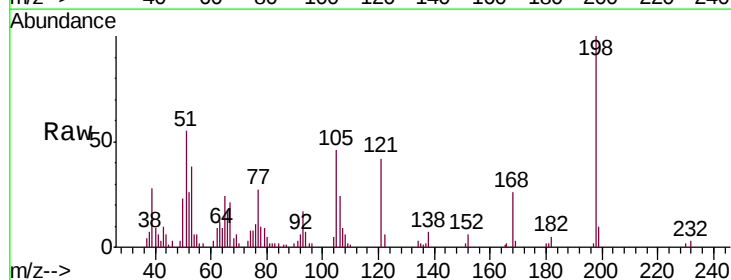
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

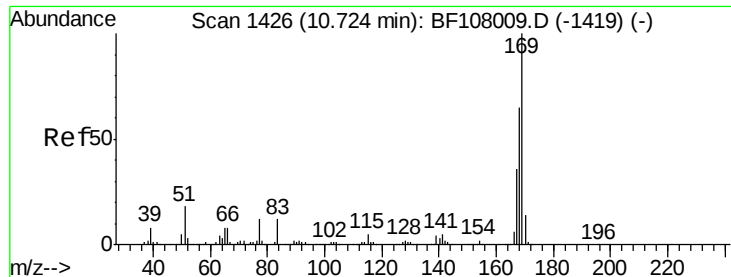
Tgt Ion:188 Resp: 413635
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.227 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:198 Resp: 17251
Ion Ratio Lower Upper
198 100
51 54.6 37.7 77.7
105 46.0 36.3 76.3

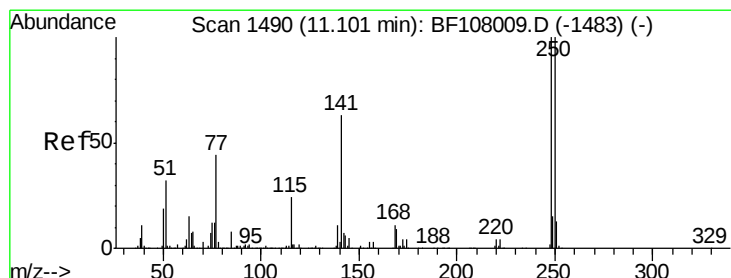
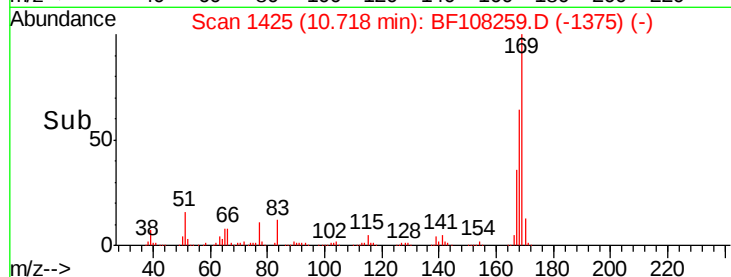
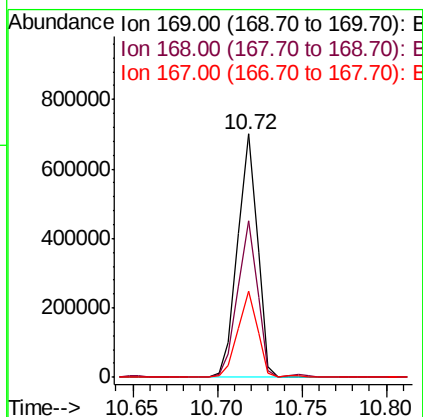
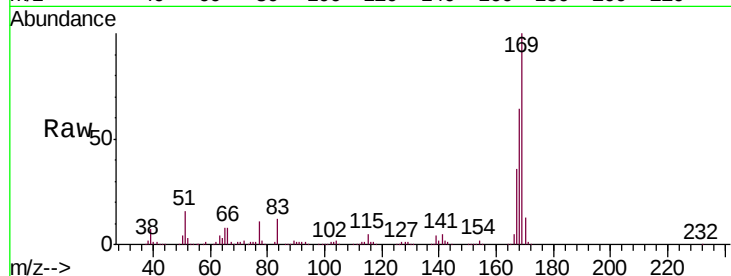




#65
n-Nitrosodiphenylamine
Concen: 46.925 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

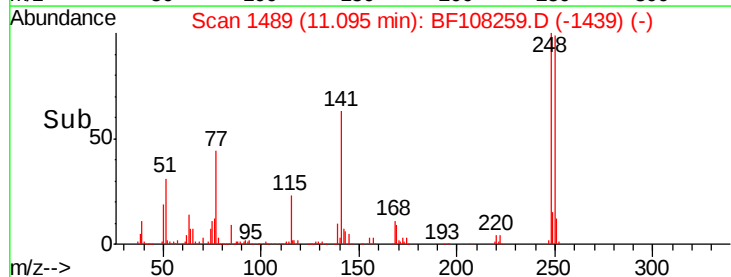
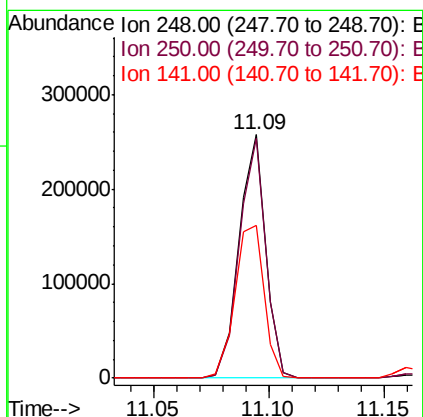
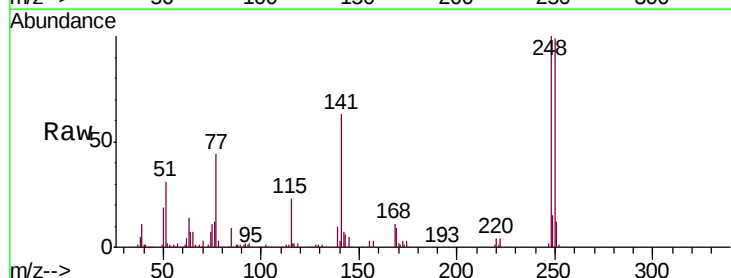
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

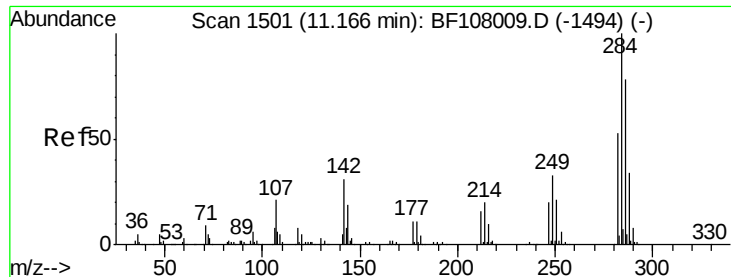
Tgt Ion:169 Resp: 573583
Ion Ratio Lower Upper
169 100
168 64.2 54.4 81.6
167 35.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 46.248 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:248 Resp: 207888
Ion Ratio Lower Upper
248 100
250 98.5 76.9 115.3
141 62.9 74.4 111.6#

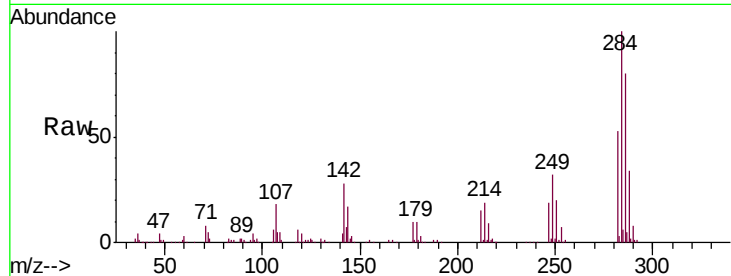




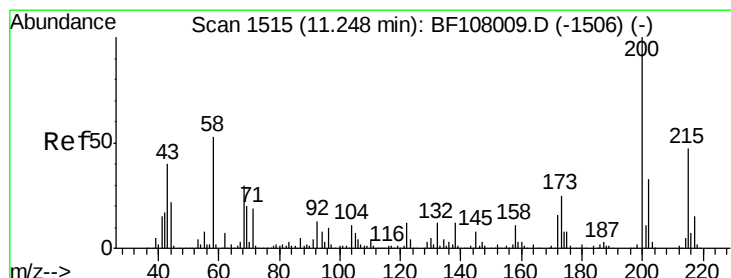
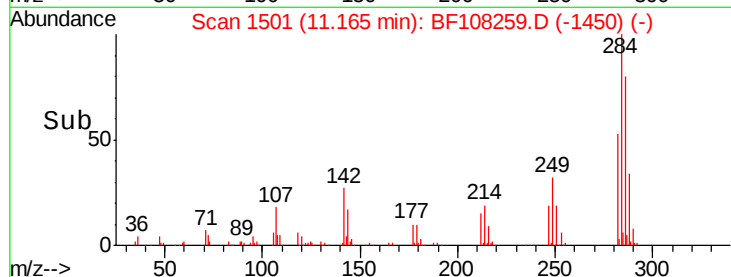
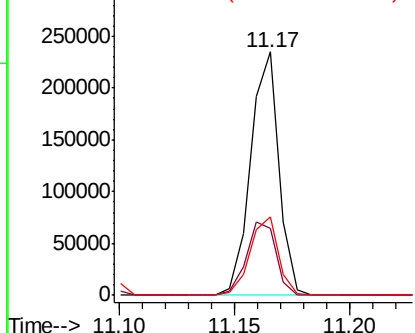
#67
Hexachlorobenzene
Concen: 42.539 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	34.6	52.0#
249	32.0	24.8	37.2

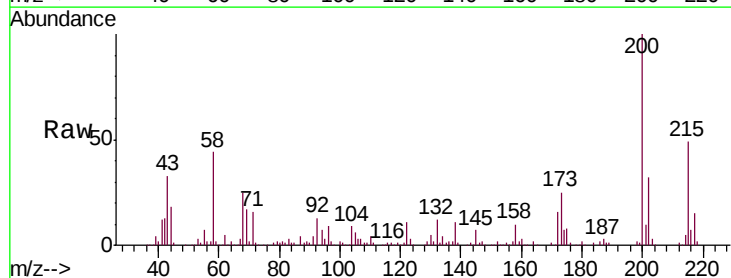


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

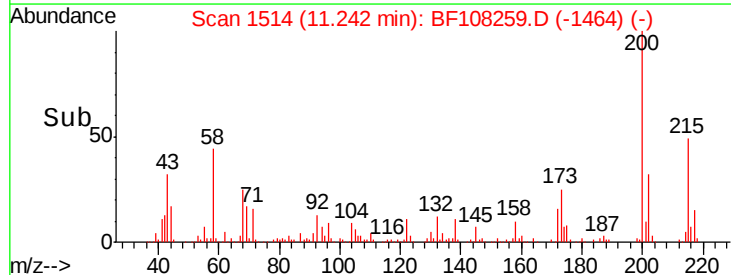
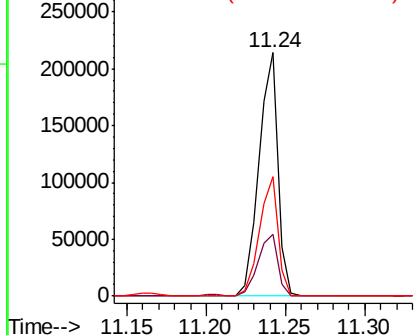


#68
Atrazine
Concen: 43.734 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	8.6	48.6
215	48.9	25.1	65.1



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

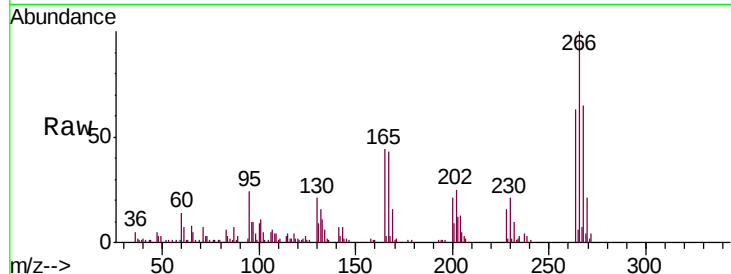




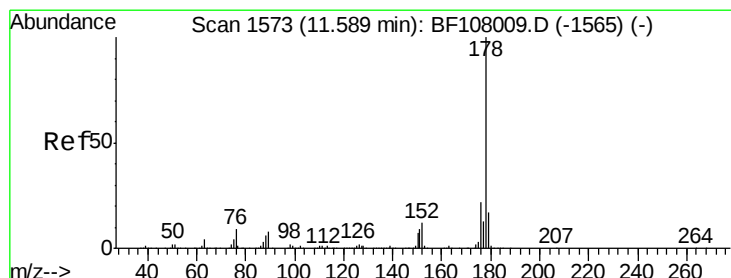
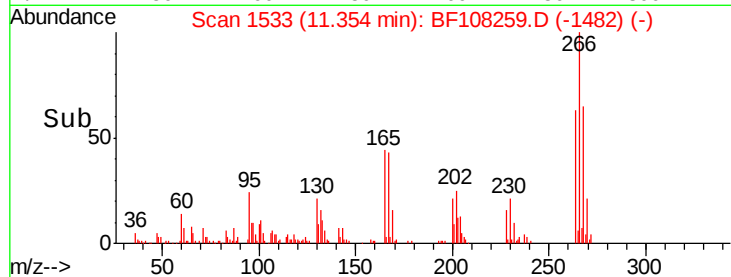
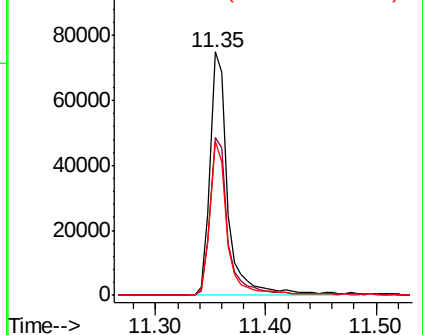
#69
 Pentachlorophenol
 Concen: 36.669 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 83010
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.1 49.5 74.3

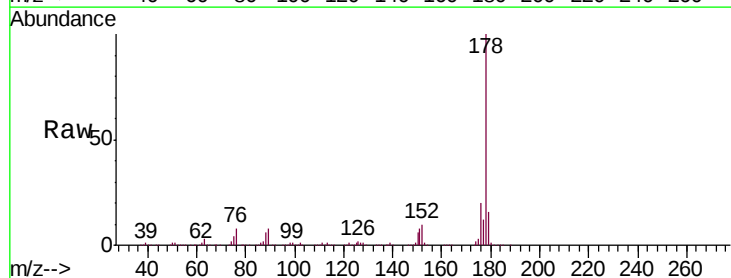


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

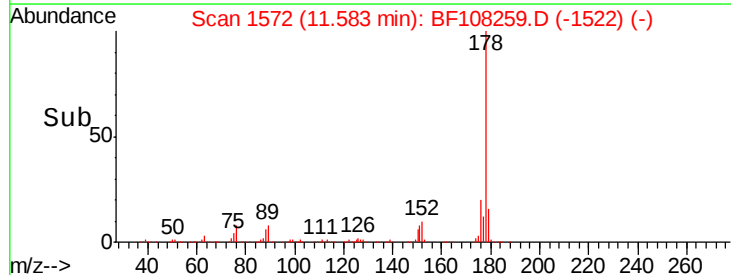
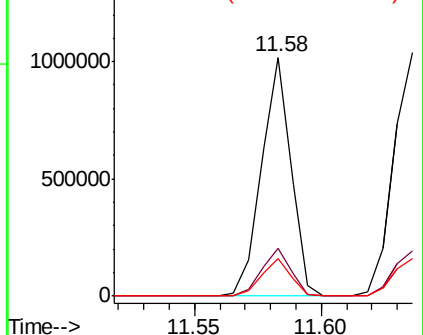


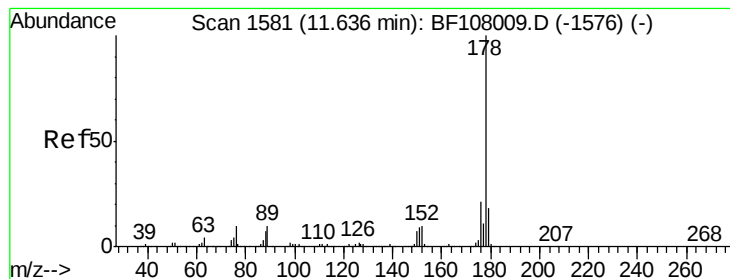
#70
 Phenanthrene
 Concen: 42.443 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion: 178 Resp: 828053
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 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: 43.099 ng

RT: 11.64 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

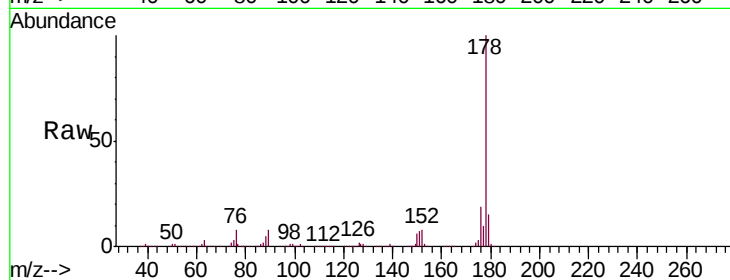
Tgt Ion:178 Resp: 861800

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

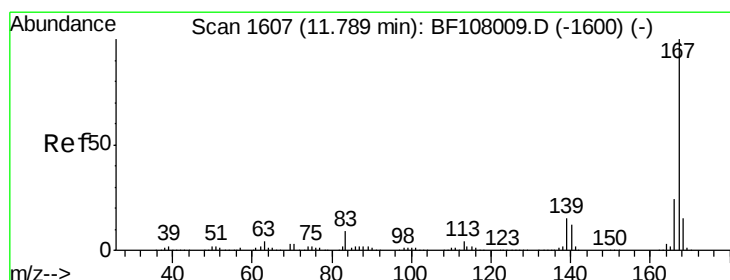
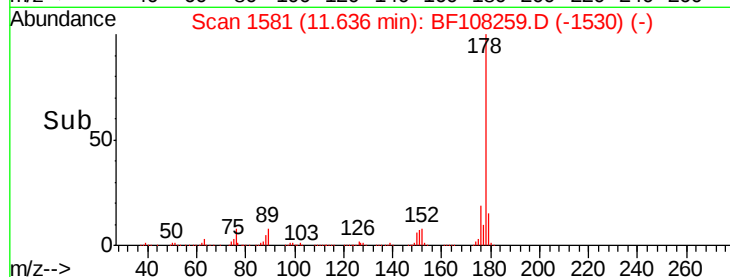
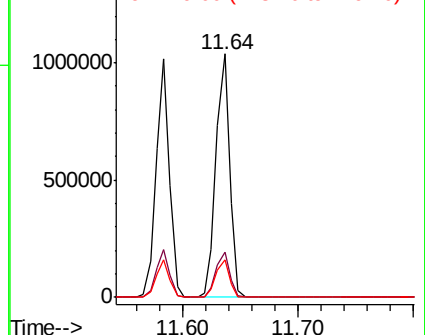
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.873 ng

RT: 11.79 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

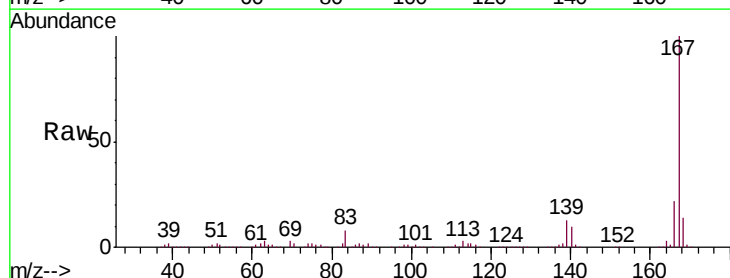
Tgt Ion:167 Resp: 726151

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

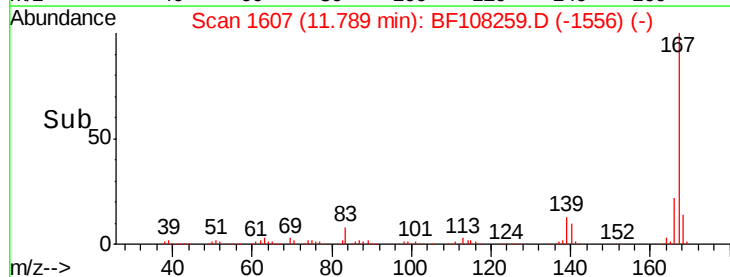
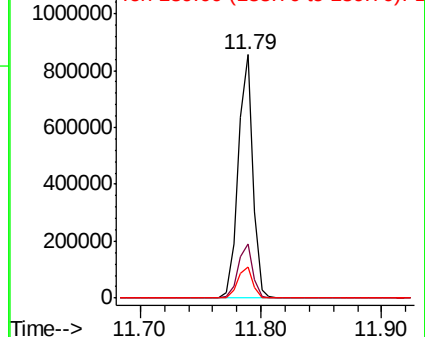
139 13.0 10.9 16.3

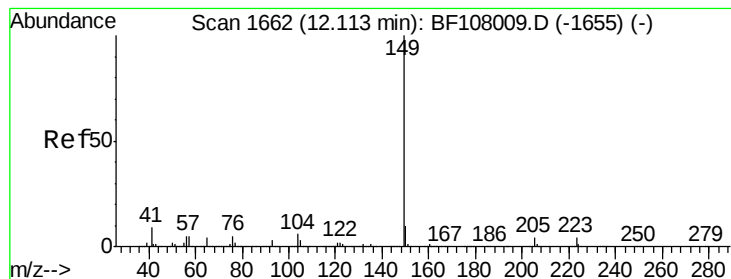


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.893 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

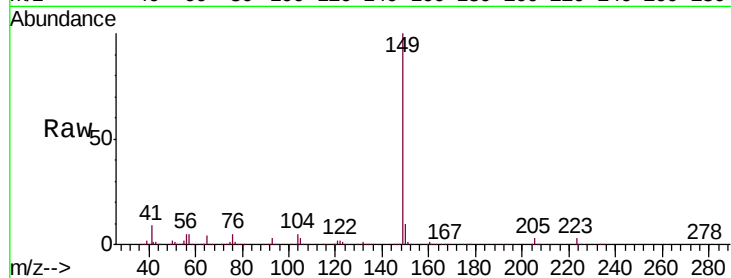
Tgt Ion:149 Resp: 963760

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

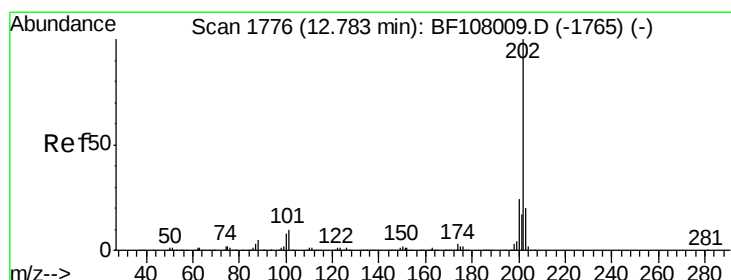
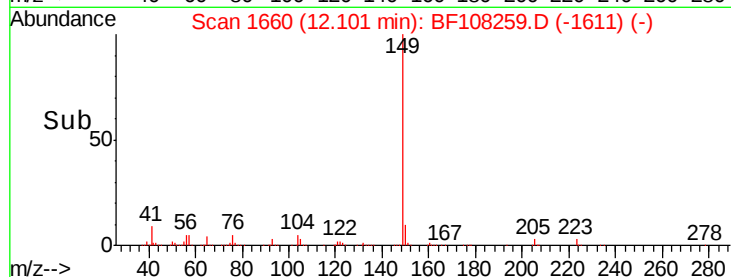
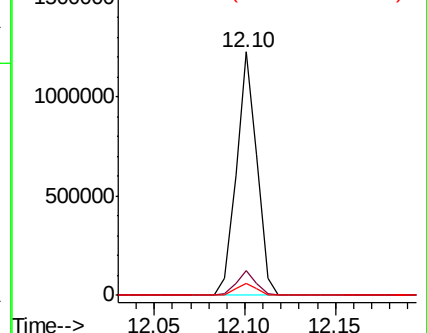
104 5.2 3.8 5.8



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: 41.531 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

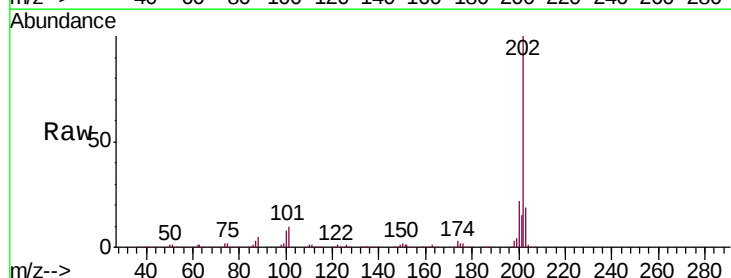
Tgt Ion:202 Resp: 884299

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

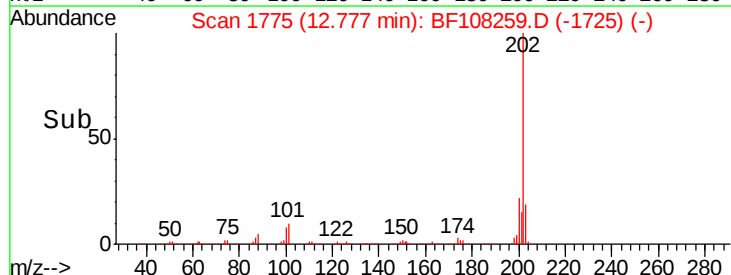
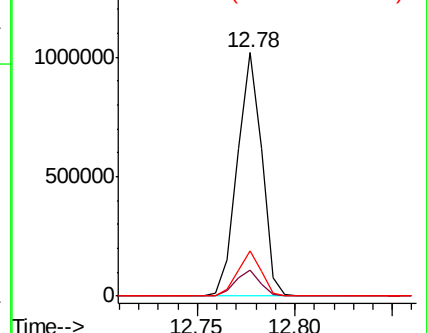
203 18.6 0.0 38.1

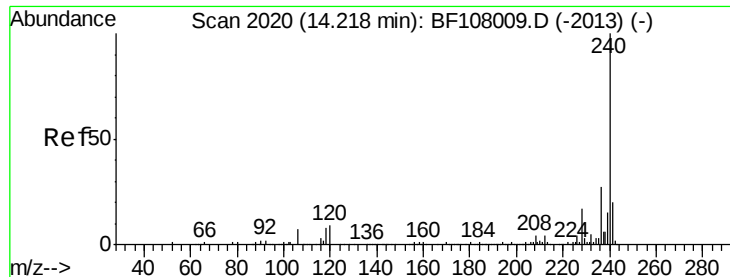


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

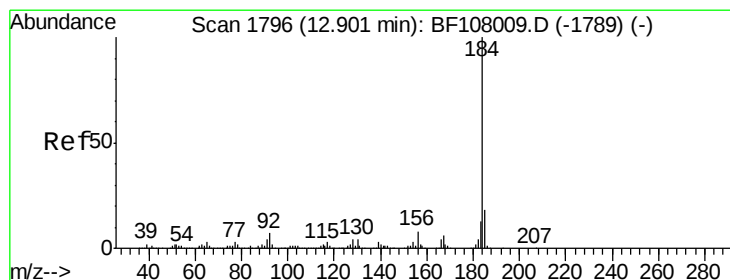
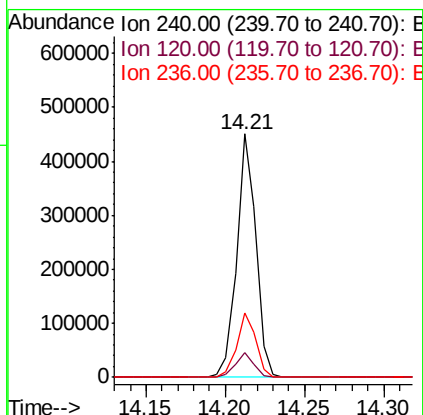
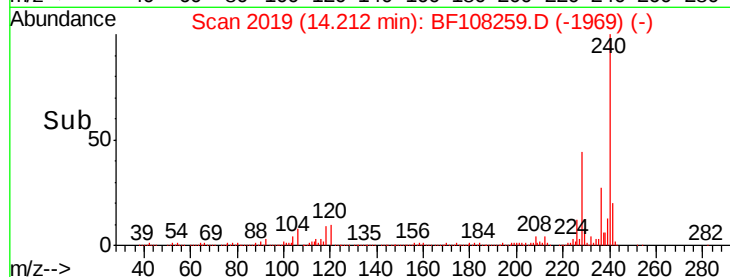
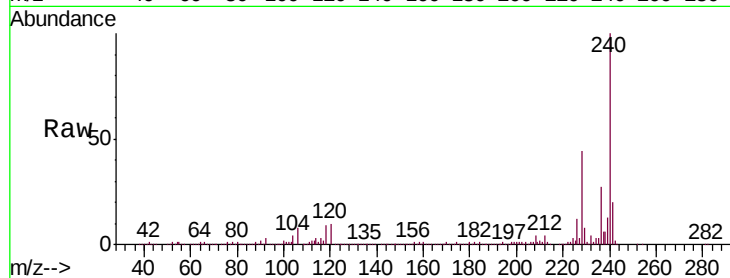
Tgt Ion:240 Resp: 376960

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

236 26.6 20.7 31.1



#76

Benzidine

Concen: 37.056 ng

RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

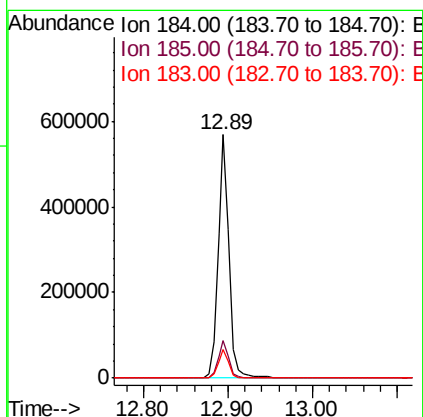
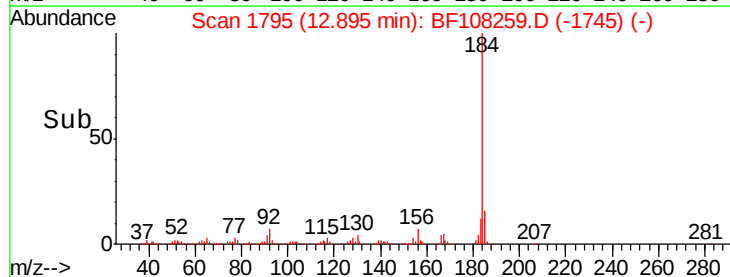
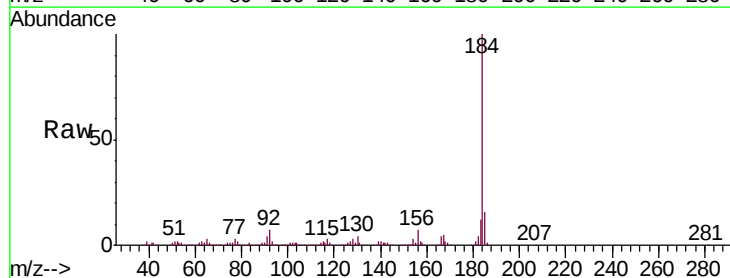
Tgt Ion:184 Resp: 521904

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 11.8 9.3 13.9





#77

Pyrene

Concen: 37.581 ng

RT: 13.01 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

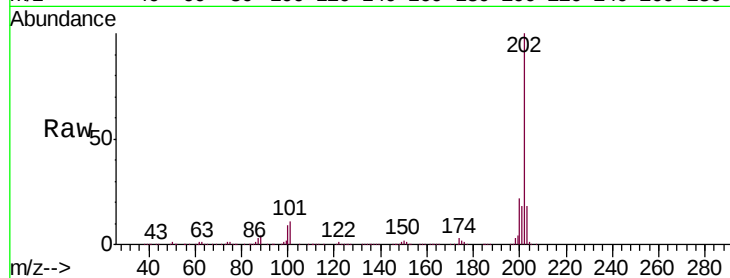
Tgt Ion:202 Resp: 896883

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

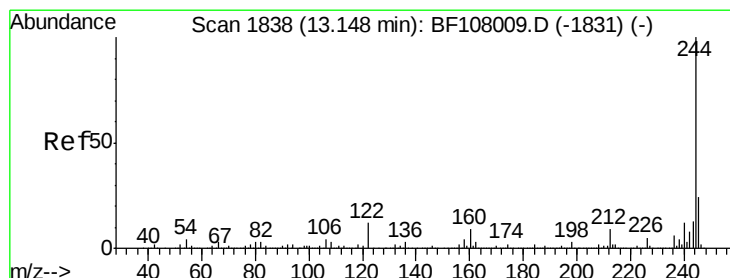
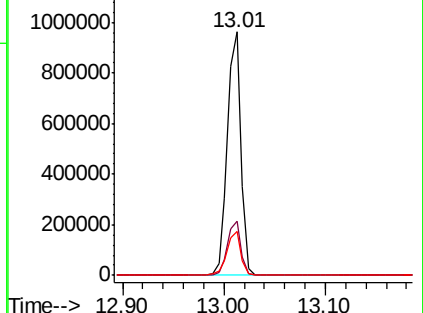
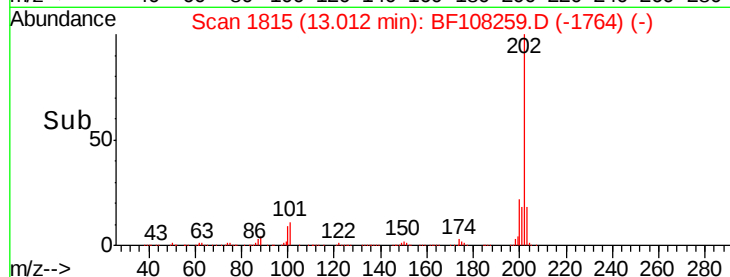
203 18.0 14.3 21.5



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: 79.131 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

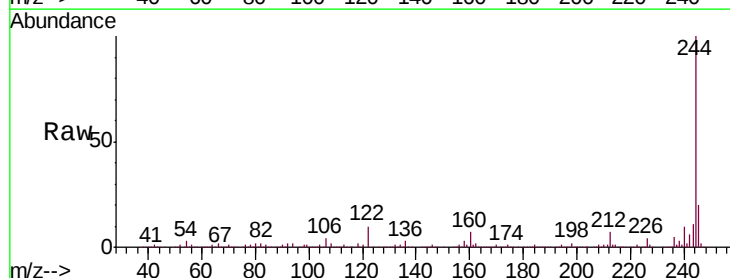
Tgt Ion:244 Resp: 1173190

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

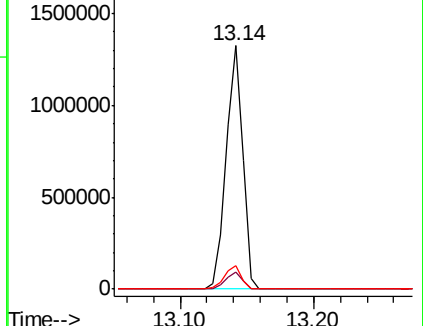
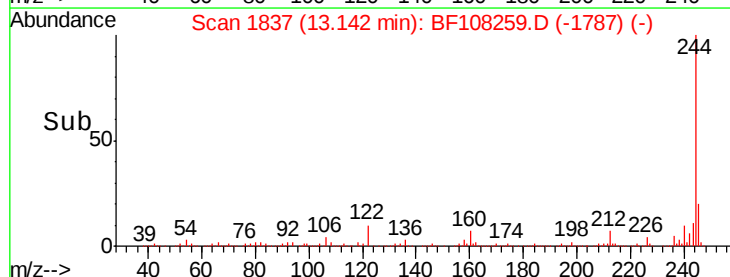
122 9.8 11.0 16.4#

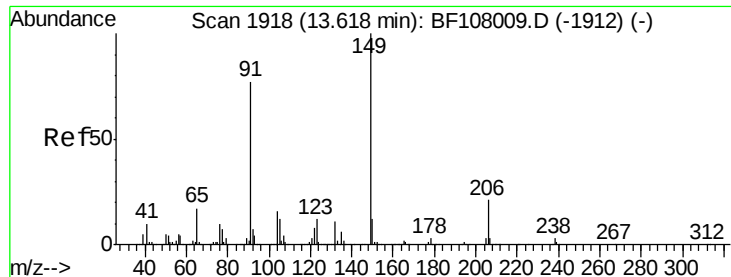


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

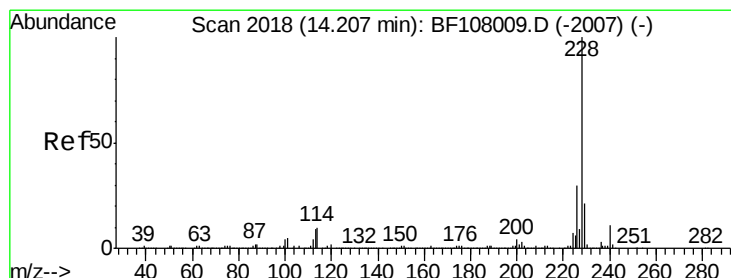
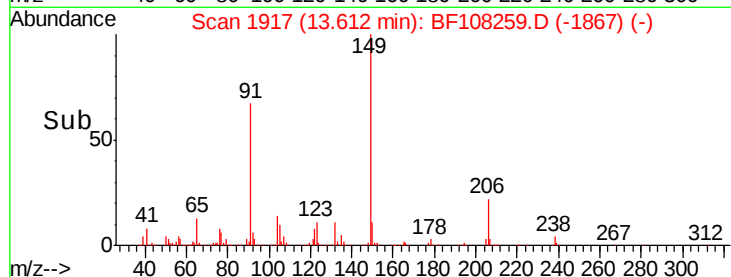
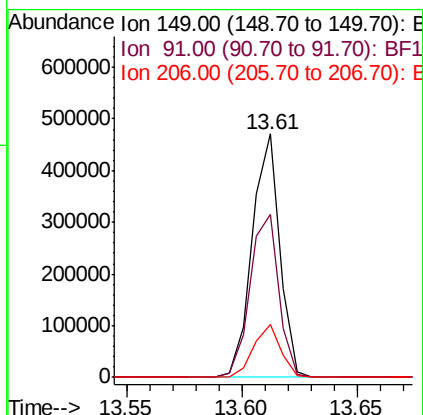
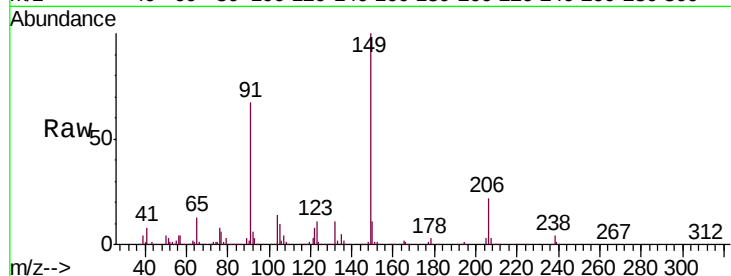




#79
Butylbenzylphthalate
Concen: 41.474 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

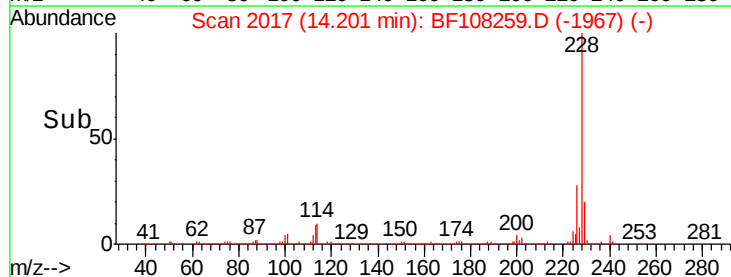
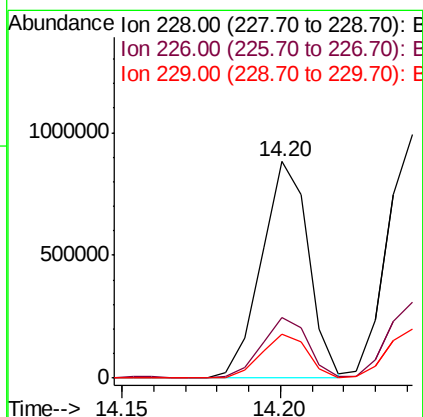
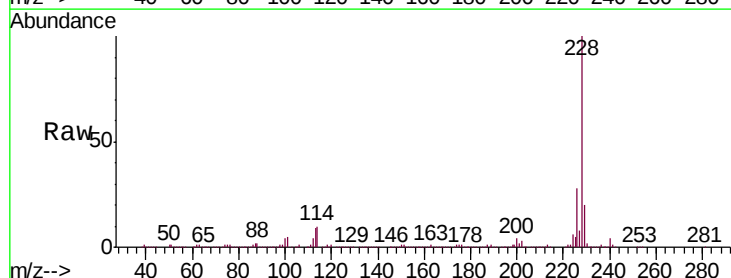
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

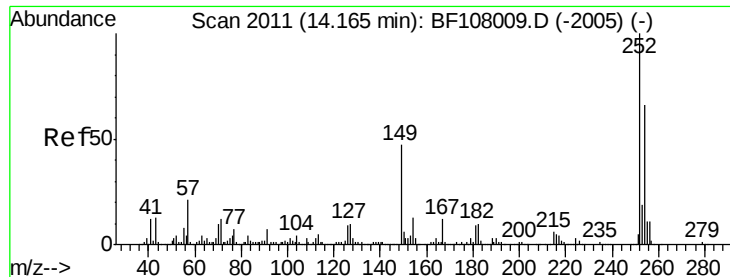
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	21.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 41.960 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	15.8	23.6

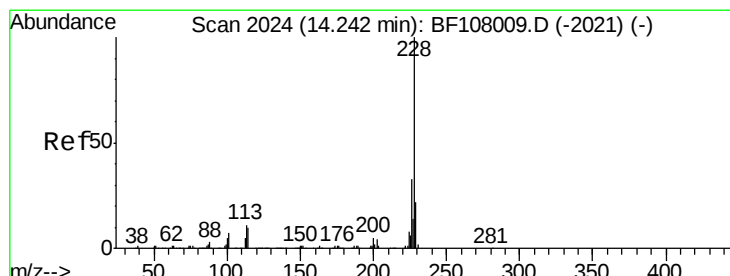
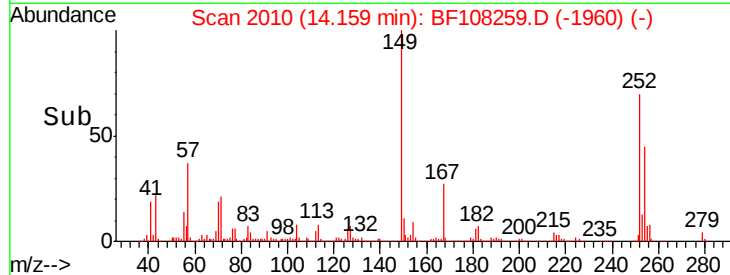
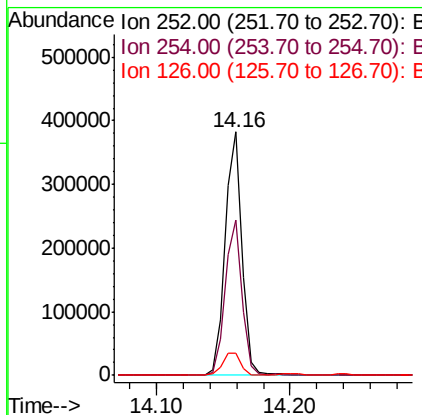
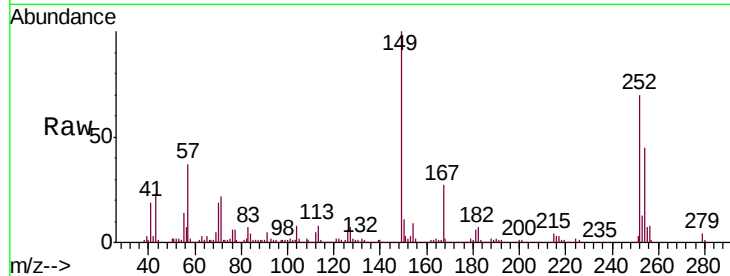




#81
 3,3'-Dichlorobenzidine
 Concen: 44.111 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

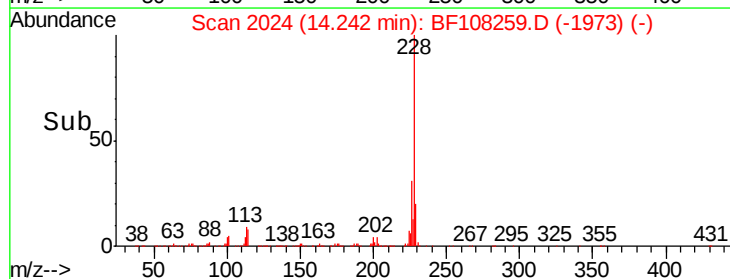
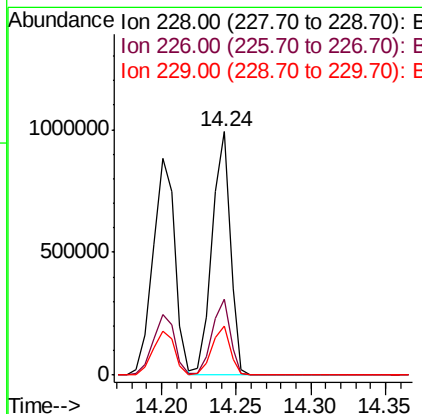
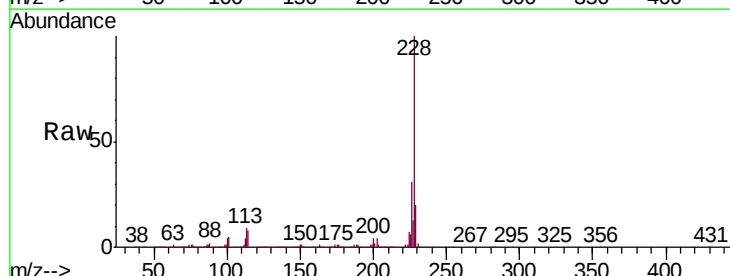
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

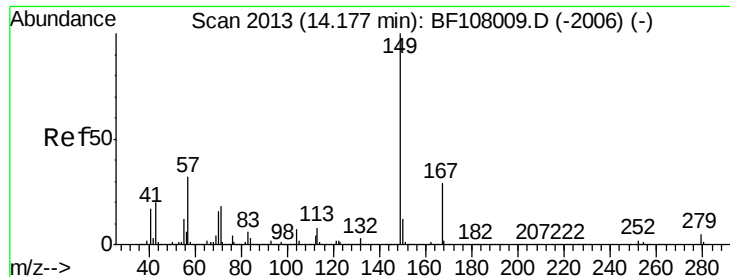
Tgt Ion:	252	Resp:	341986
Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	9.0	11.3	16.9#



#82
 Chrysene
 Concen: 42.533 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion:	228	Resp:	843578
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4

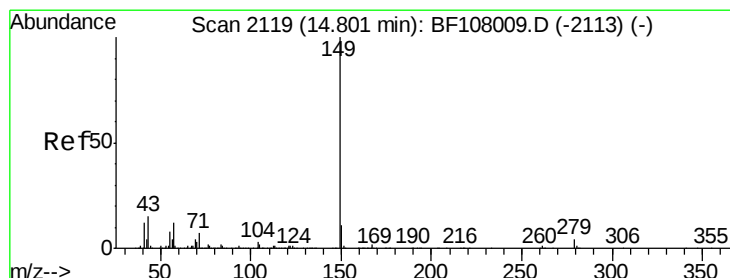
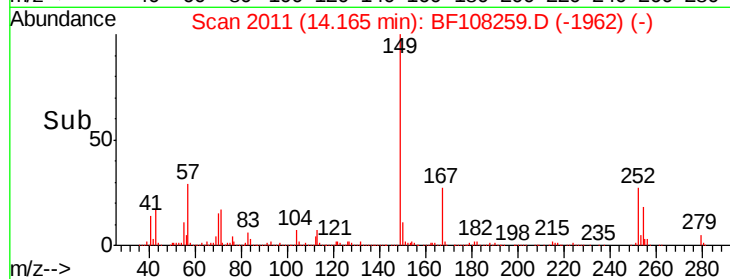
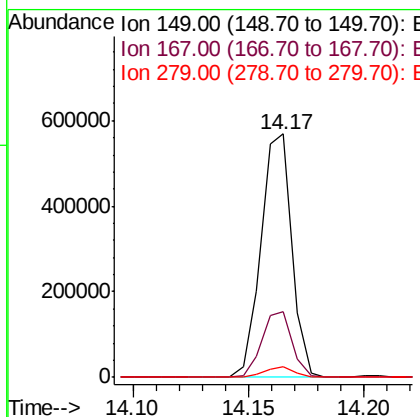
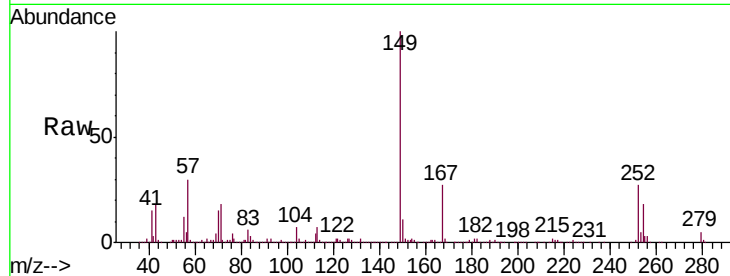




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.377 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

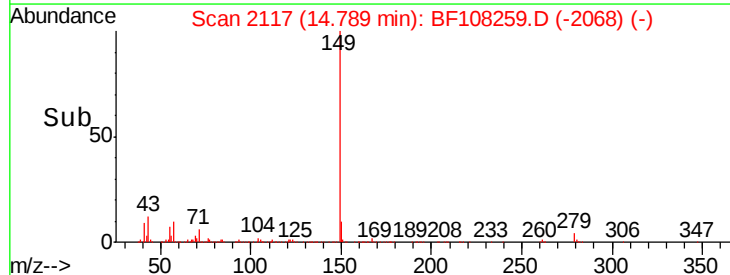
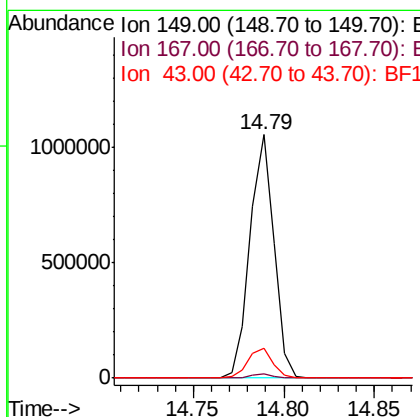
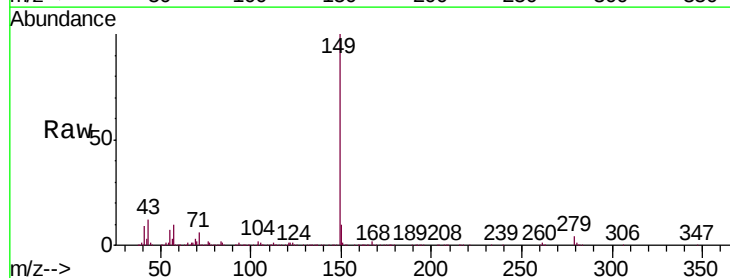
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

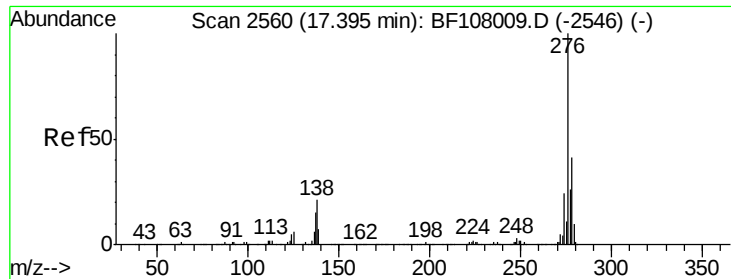
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.6	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 49.757 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.832 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

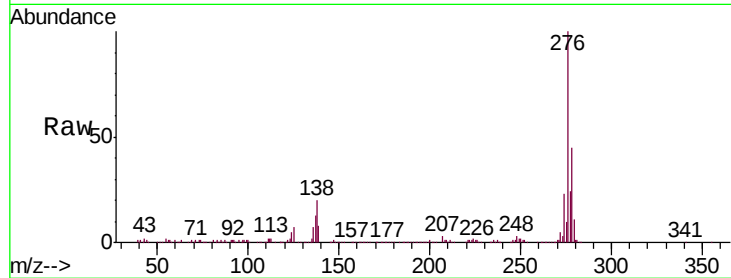
Tgt Ion:276 Resp: 547030

Ion Ratio Lower Upper

276 100

138 22.5 25.0 37.6#

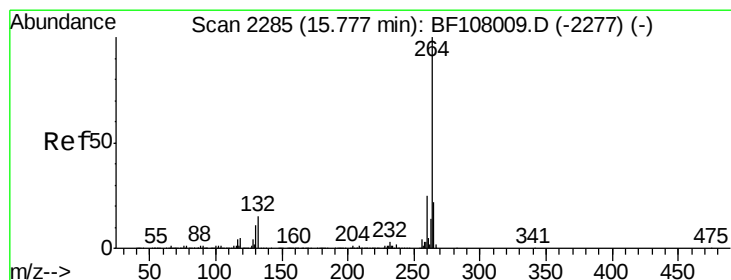
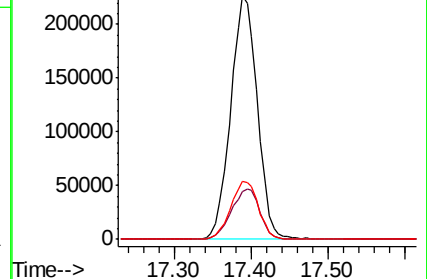
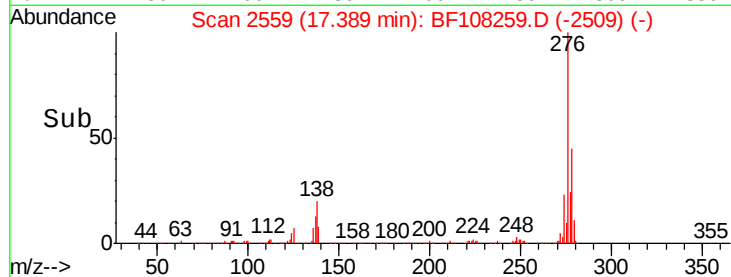
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

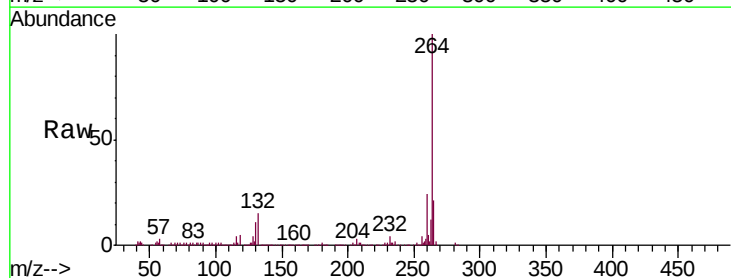
Tgt Ion:264 Resp: 289929

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

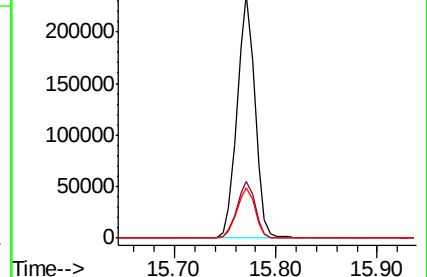
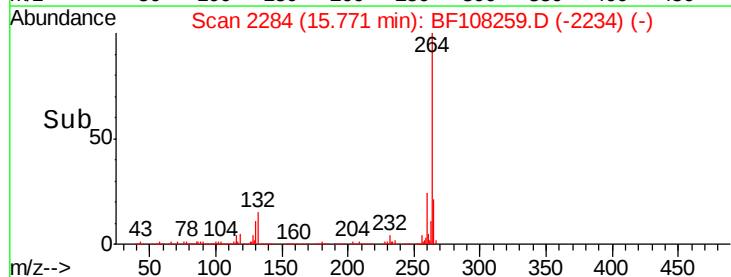
265 20.9 17.5 26.3

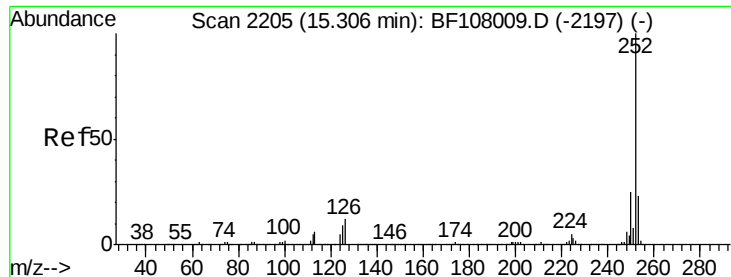


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

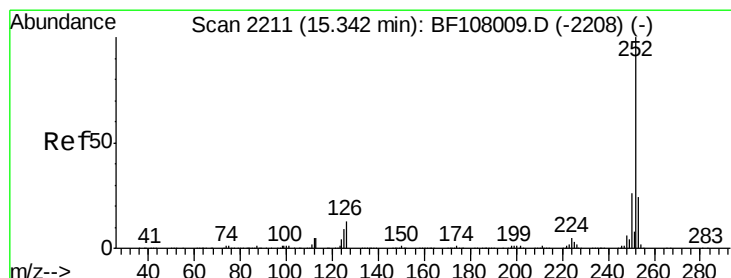
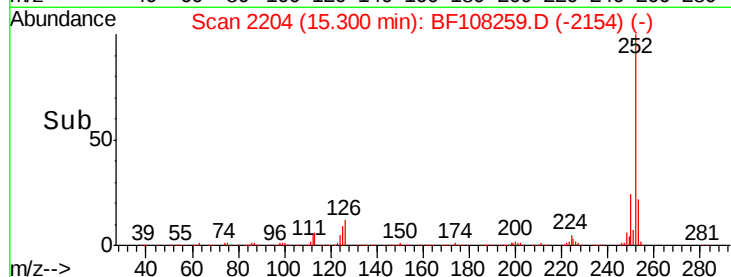
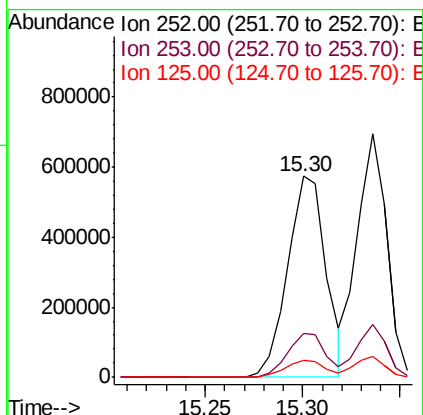
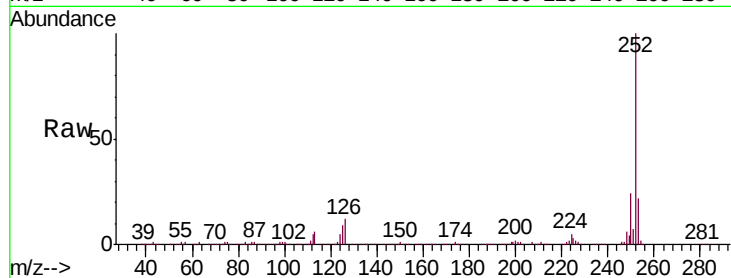




#87
Benzo(b)fluoranthene
Concen: 44.892 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

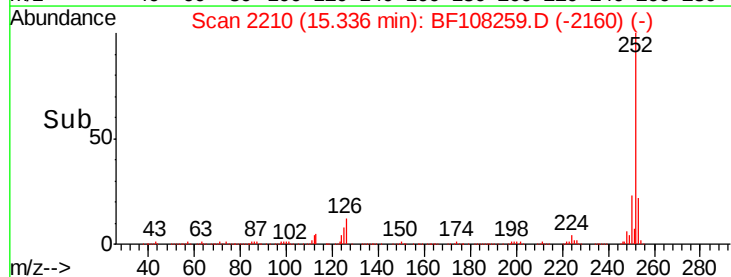
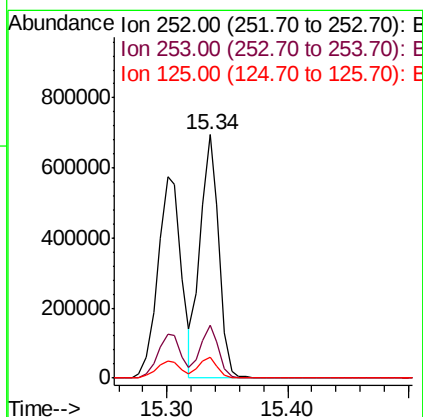
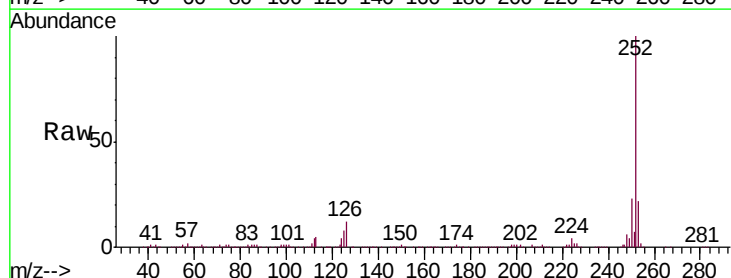
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

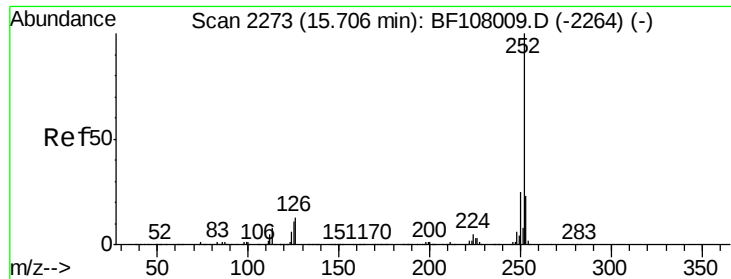
Tgt Ion:252 Resp: 777727
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 46.300 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108259.D
Acq: 17 Aug 2018 23:06

Tgt Ion:252 Resp: 737347
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 41.721 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

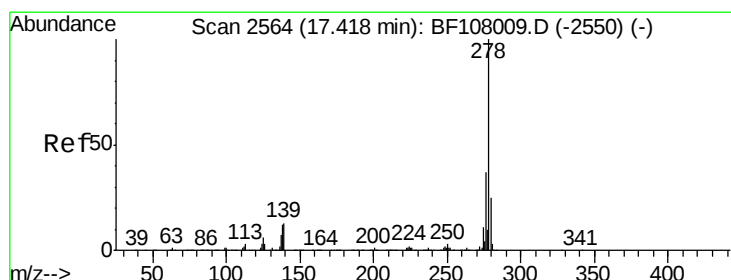
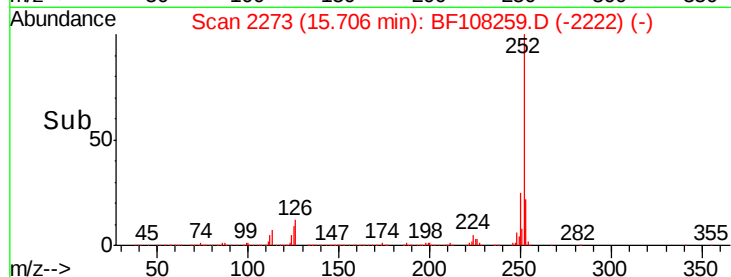
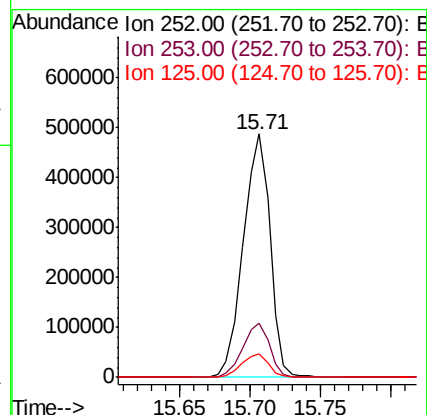
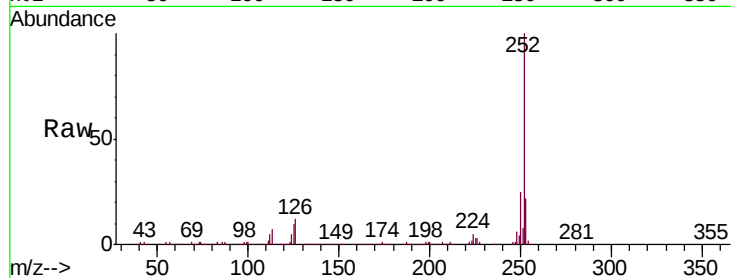
Tgt Ion:252 Resp: 647237

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 9.5 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 36.022 ng

RT: 17.41 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BF108259.D

Acq: 17 Aug 2018 23:06

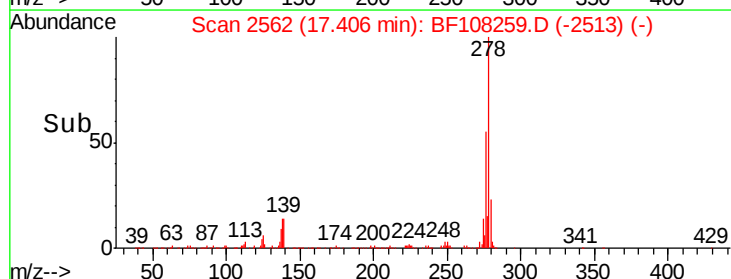
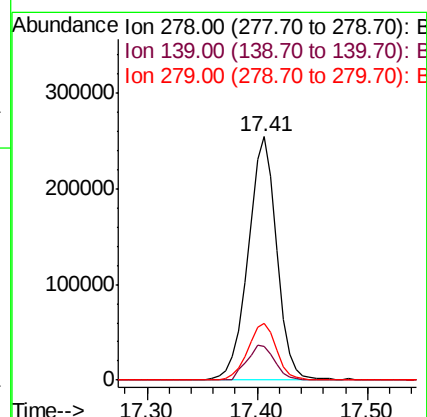
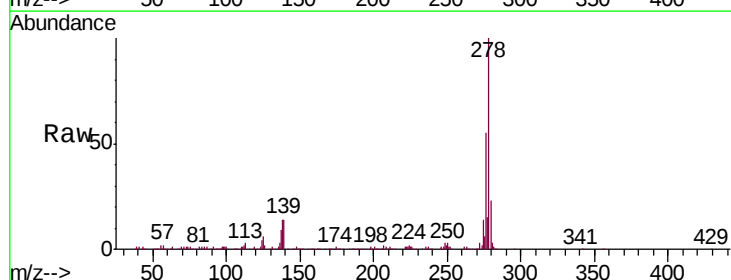
Tgt Ion:278 Resp: 462375

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

279 23.3 19.0 28.4

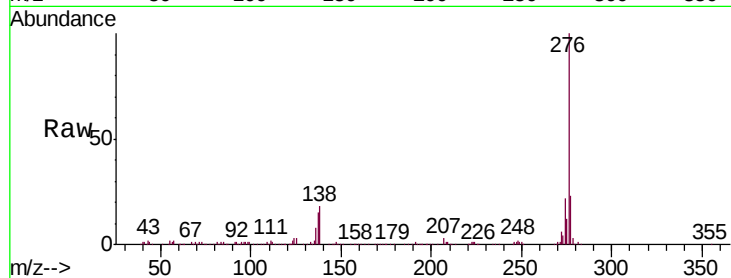




#91
 Benzo(g,h,i)perylene
 Concen: 34.758 ng
 RT: 17.89 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BF108259.D
 Acq: 17 Aug 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	17.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

