

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080818\
 Data File : BF108015.D
 Acq On : 8 Aug 2018 13:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 08 14:54:42 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	282721	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1124933	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	592114	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1186411	20.00	ng	0.00
75) Chrysene-d12	14.22	240	923866	20.00	ng	0.00
86) Perylene-d12	15.78	264	764756	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1249722	80.03	ng	0.00
7) Phenol-d6	6.63	99	1672292	80.59	ng	0.00
23) Nitrobenzene-d5	7.58	82	1649461	81.82	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	497148	84.17	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2845053	77.14	ng	0.00
78) Terphenyl-d14	13.15	244	2840295	78.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	322981	40.252	ng	88
3) Pyridine	3.68	79	835844	40.438	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	468849	40.311	ng	82
6) Aniline	6.68	93	1153036	40.849	ng	94
8) 2-Chlorophenol	6.80	128	711153	40.434	ng	95
9) Benzaldehyde	6.57	77	653994	40.649	ng	97
10) Phenol	6.64	94	851366	39.663	ng	87
11) bis(2-Chloroethyl)ether	6.75	93	700091	40.343	ng	92
12) 1,3-Dichlorobenzene	6.96	146	816130	40.132	ng	99
13) 1,4-Dichlorobenzene	7.04	146	811289	39.706	ng	96
14) 1,2-Dichlorobenzene	7.19	146	758285	39.899	ng	97
15) Benzyl Alcohol	7.15	79	723205	41.398	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1438190	40.229	ng	96
17) 2-Methylphenol	7.25	107	616785	40.894	ng	# 94
18) Hexachloroethane	7.53	117	292941	40.271	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	571179	40.703	ng	# 85
20) 3+4-Methylphenols	7.41	107	791971	40.975	ng	93
22) Acetophenone	7.42	105	1043240	39.661	ng	# 90
24) Nitrobenzene	7.60	77	836261	41.022	ng	97
25) Isophorone	7.84	82	1550803	40.359	ng	98
26) 2-Nitrophenol	7.91	139	327775	42.576	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	689633	40.438	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	894711	39.886	ng	98
29) 2,4-Dichlorophenol	8.15	162	650140	41.425	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	690536	39.907	ng	96
31) Naphthalene	8.32	128	2027261	39.626	ng	97
32) Benzoic acid	8.05	122	388513	40.346	ng	91
33) 4-Chloroaniline	8.37	127	899050	40.325	ng	95
34) Hexachlorobutadiene	8.44	225	442080	40.358	ng	99
35) Caprolactam	8.74	113	203280	41.332	ng	# 76
36) 4-Chloro-3-methylphenol	8.84	107	699367	41.307	ng	95
37) 2-Methylnaphthalene	9.01	142	1453506	40.157	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	732673	40.294	ng	98
40) Hexachlorocyclopentadiene	9.17	237	486432	41.417	ng	98

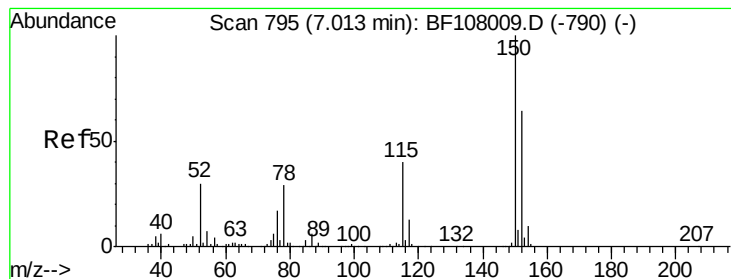
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	480288	42.565	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	518113	41.712	ng	96
45) 1,1'-Biphenyl	9.48	154	1730177	39.632	ng	97
46) 2-Chloronaphthalene	9.51	162	1389558	40.272	ng	99
47) 2-Nitroaniline	9.60	65	487161	43.635	ng	87
48) Acenaphthylene	9.93	152	2167816	39.741	ng	96
49) Dimethylphthalate	9.78	163	1637731	39.707	ng #	98
50) 2,6-Dinitrotoluene	9.84	165	367313	42.565	ng #	86
51) Acenaphthene	10.10	154	1341411	40.149	ng	98
52) 3-Nitroaniline	10.02	138	399293	42.291	ng	99
53) 2,4-Dinitrophenol	10.11	184	117403	40.184	ng #	37
54) Dibenzofuran	10.27	168	1915778	39.578	ng	91
55) 4-Nitrophenol	10.15	139	302966	42.375	ng #	78
56) 2,4-Dinitrotoluene	10.25	165	485420	43.701	ng #	97
57) Fluorene	10.62	166	1503778	39.244	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	453980	43.728	ng #	87
59) Diethylphthalate	10.48	149	1601628	40.101	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	802679	40.201	ng	91
61) 4-Nitroaniline	10.64	138	391613	41.952	ng	88
62) Azobenzene	10.77	77	1652895	40.073	ng	90
64) 4,6-Dinitro-2-methylphenol	10.65	198	177837	40.827	ng	89
65) n-Nitrosodiphenylamine	10.72	169	1407707	40.152	ng	98
66) 4-Bromophenyl-phenylether	11.10	248	523115	40.573	ng #	85
67) Hexachlorobenzene	11.17	284	551402	40.647	ng #	88
68) Atrazine	11.25	200	482455	41.028	ng	97
69) Pentachlorophenol	11.35	266	270487	41.658	ng	95
70) Phenanthrene	11.59	178	2188224	39.104	ng	96
71) Anthracene	11.64	178	2248652	39.207	ng	96
72) Carbazole	11.79	167	2005953	39.365	ng	96
73) Di-n-butylphthalate	12.11	149	2305962	39.952	ng #	97
74) Fluoranthene	12.78	202	2373608	38.866	ng	94
76) Benzidine	12.90	184	1463760	42.406	ng	94
77) Pyrene	13.01	202	2374163	40.591	ng	96
79) Butylbenzylphthalate	13.62	149	1004828	43.264	ng #	91
80) Benzo(a)anthracene	14.21	228	2109962	39.795	ng	96
81) 3,3'-Dichlorobenzidine	14.17	252	789517	41.551	ng #	95
82) Chrysene	14.25	228	1934687	39.801	ng	96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1342561	42.686	ng #	99
84) Di-n-octyl phthalate	14.80	149	2083234	43.431	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1667314	39.587	ng #	91
87) Benzo(b)fluoranthene	15.31	252	1903280	41.650	ng	96
88) Benzo(k)fluoranthene	15.34	252	1664308	39.620	ng #	95
89) Benzo(a)pyrene	15.71	252	1656675	40.485	ng #	96
90) Dibenzo(a,h)anthracene	17.42	278	1384446	40.890	ng #	94
91) Benzo(g,h,i)perylene	17.89	276	1360265	40.801	ng #	91

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

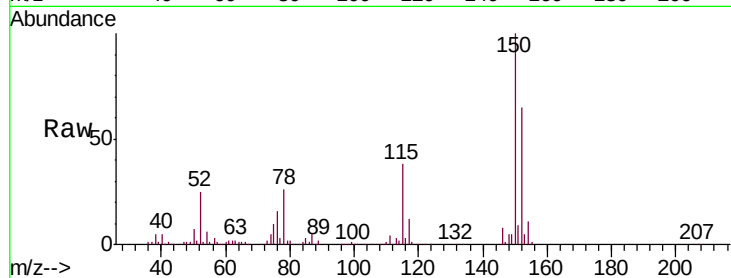


#1

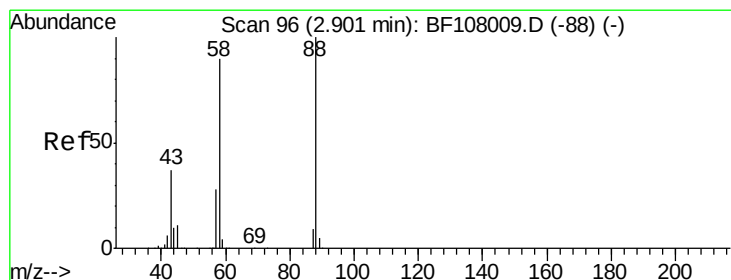
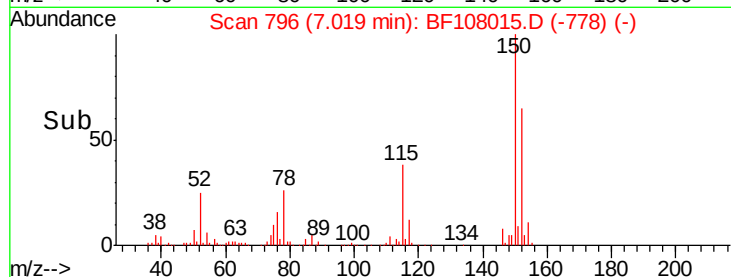
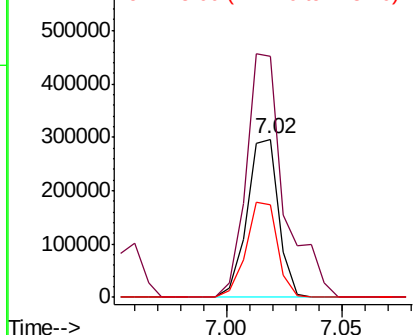
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 282721
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 58.3 50.1 75.1



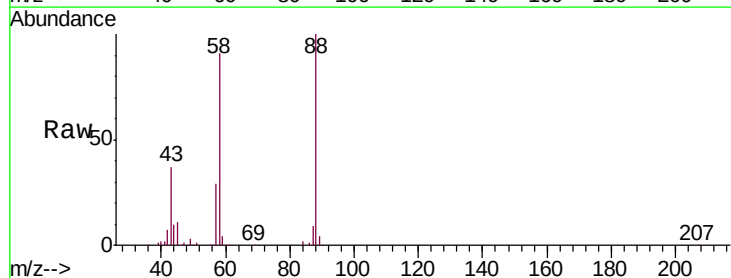
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



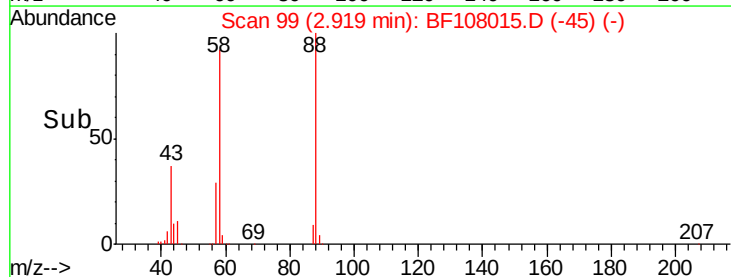
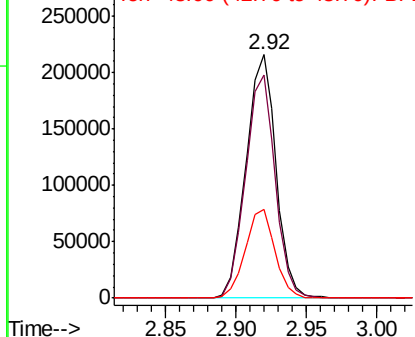
#2

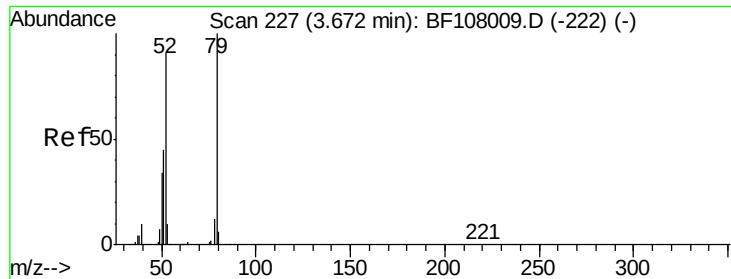
1,4-Dioxane
Concen: 40.252 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion: 88 Resp: 322981
Ion Ratio Lower Upper
88 100
58 90.1 62.6 93.8
43 35.9 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: 40.438 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

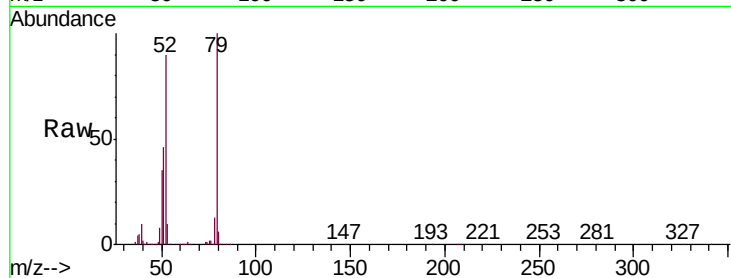
Tgt Ion: 79 Resp: 835844

Ion Ratio Lower Upper

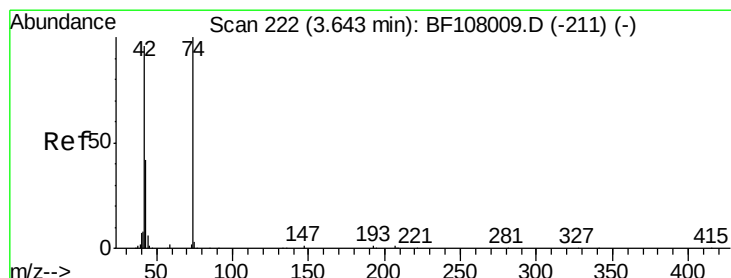
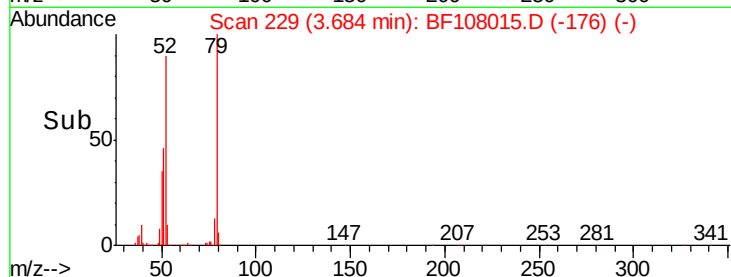
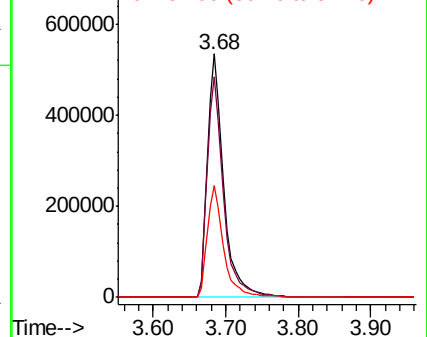
79 100

52 90.4 59.8 89.6#

51 45.9 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: 40.311 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

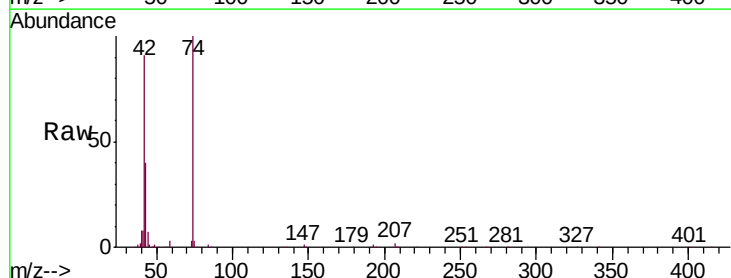
Tgt Ion: 42 Resp: 468849

Ion Ratio Lower Upper

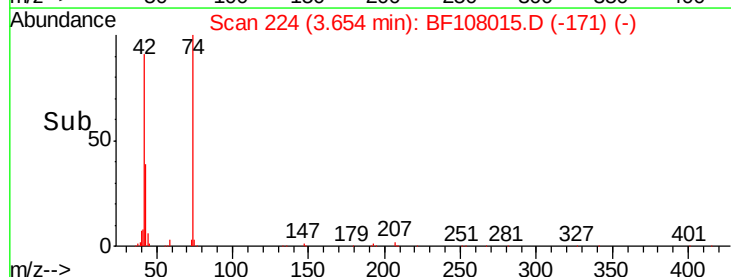
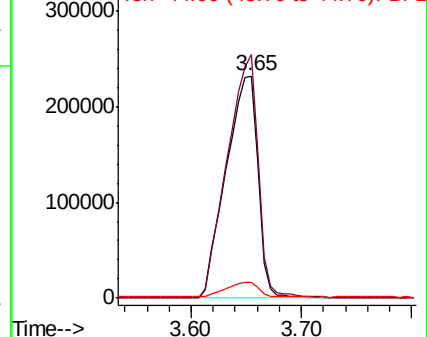
42 100

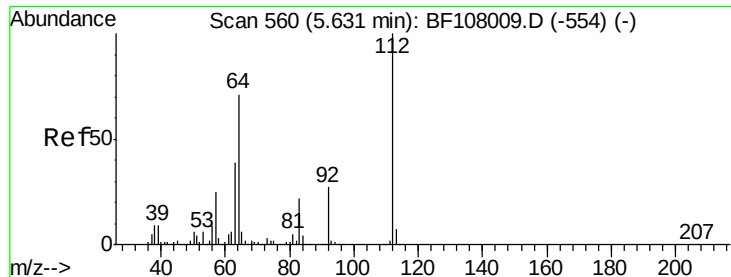
74 109.5 104.9 157.3

44 7.2 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: 80.028 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

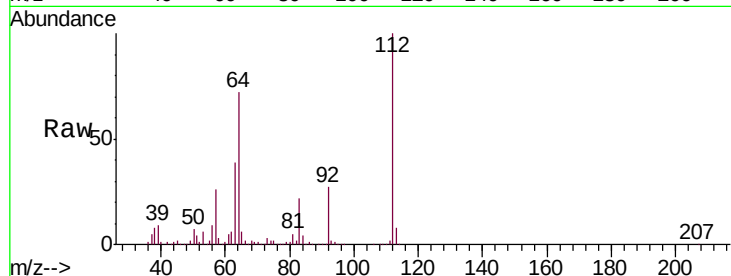
Tgt Ion: 112 Resp: 1249722

Ion Ratio Lower Upper

112 100

64 72.5 47.9 71.9#

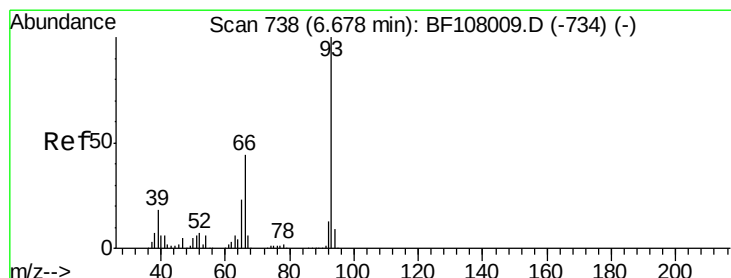
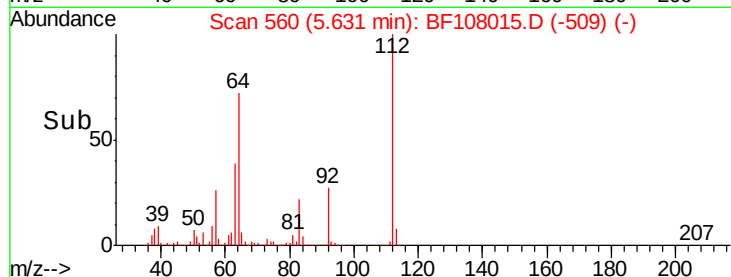
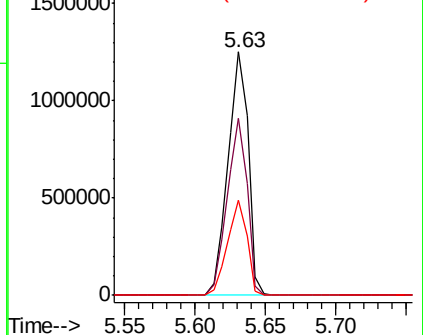
63 39.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.849 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

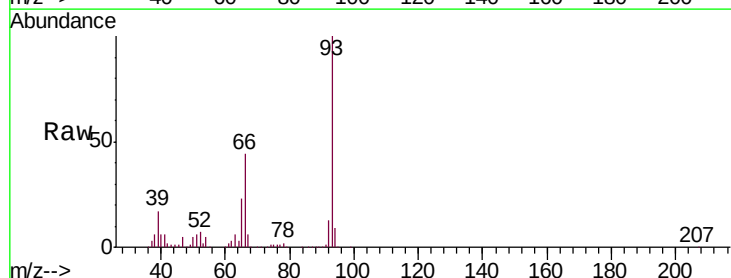
Tgt Ion: 93 Resp: 1153036

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

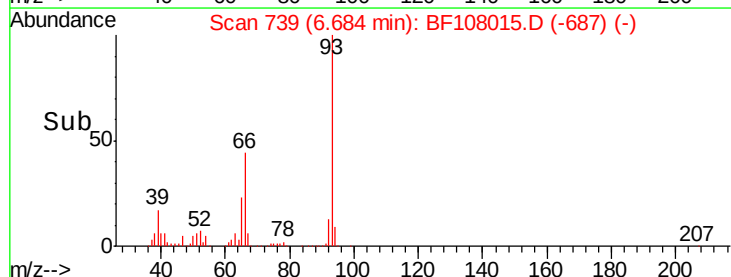
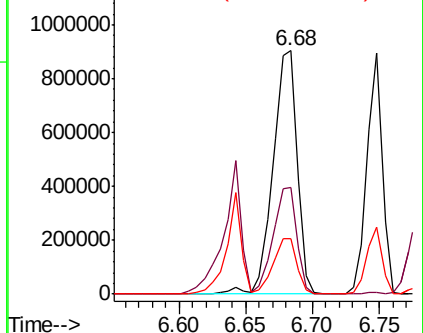
65 22.9 16.4 24.6

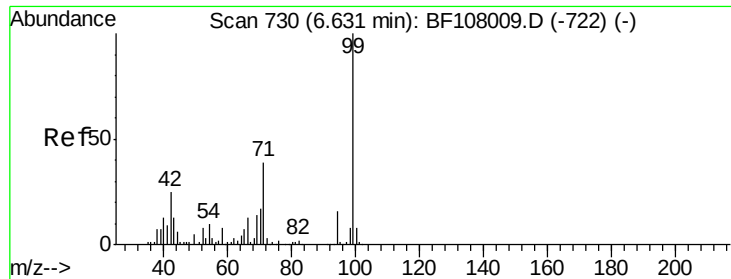


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.586 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

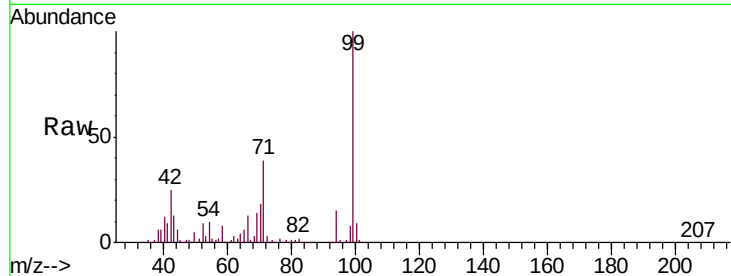
Tgt Ion: 99 Resp: 1672292

Ion Ratio Lower Upper

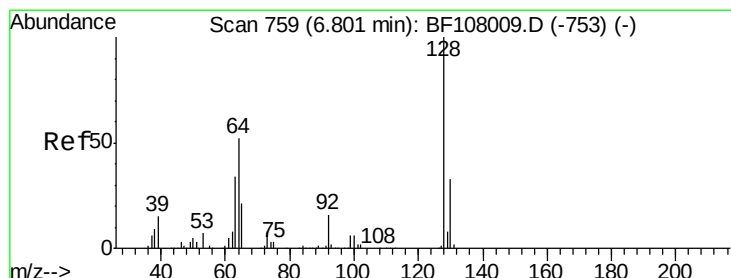
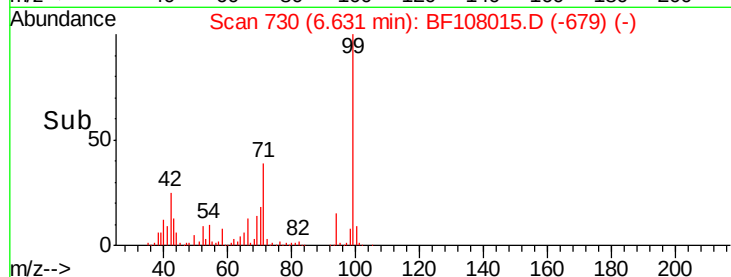
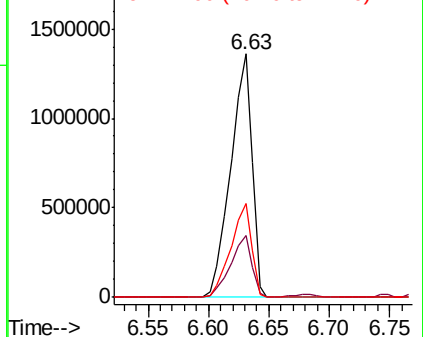
99 100

42 25.5 14.5 21.7#

71 38.8 25.4 38.0#



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



#8

2-Chlorophenol

Concen: 40.434 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

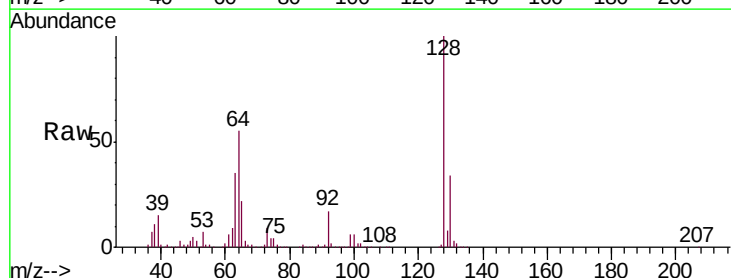
Tgt Ion: 128 Resp: 711153

Ion Ratio Lower Upper

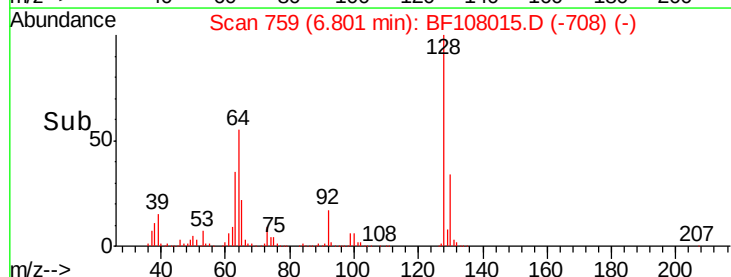
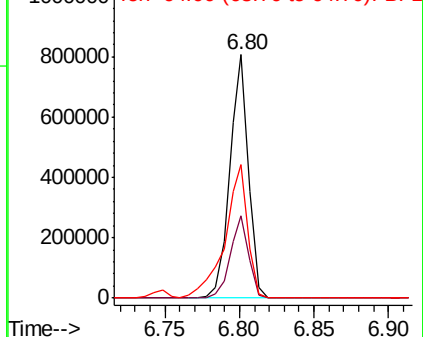
128 100

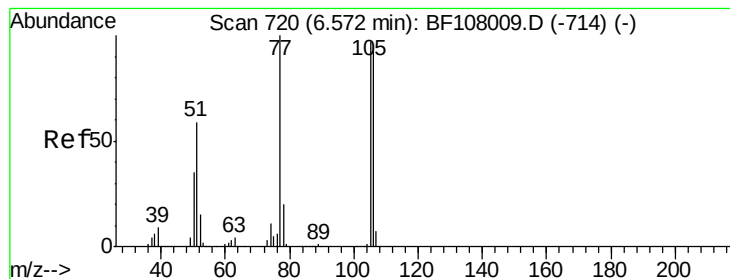
130 33.7 13.0 53.0

64 54.6 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: 40.649 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

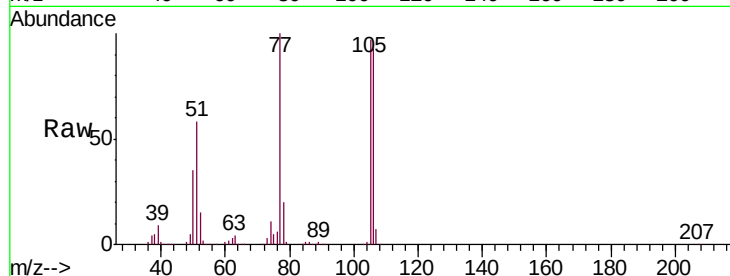
Tgt Ion: 77 Resp: 653994

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

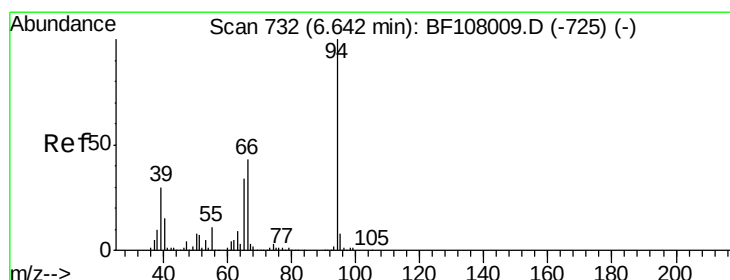
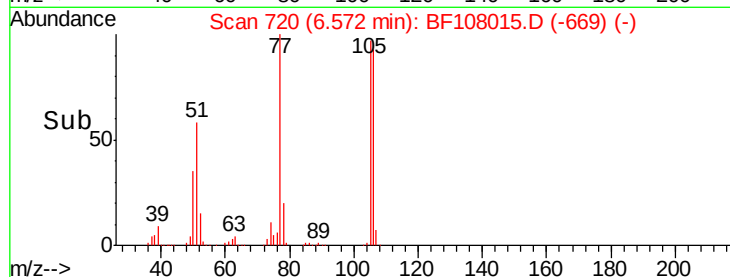
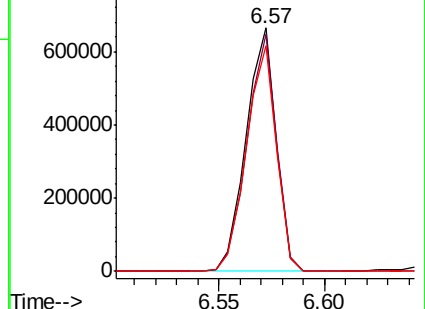
106 92.5 74.5 114.5



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: 39.663 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

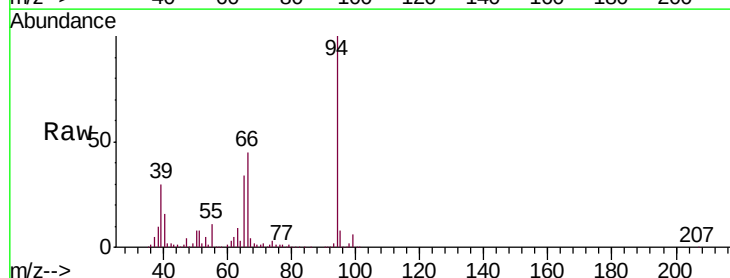
Tgt Ion: 94 Resp: 851366

Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

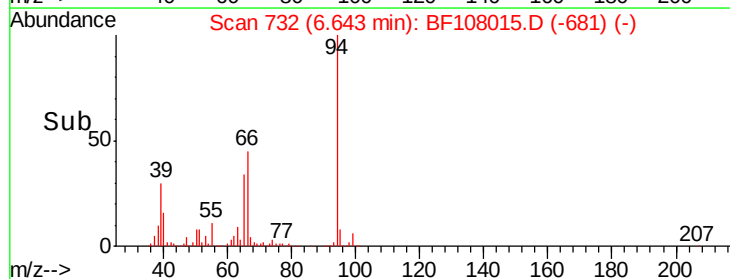
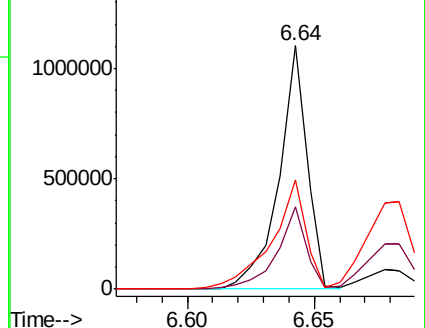
66 44.8 16.2 56.2

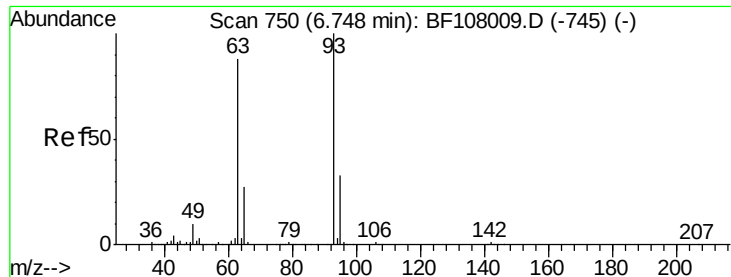


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

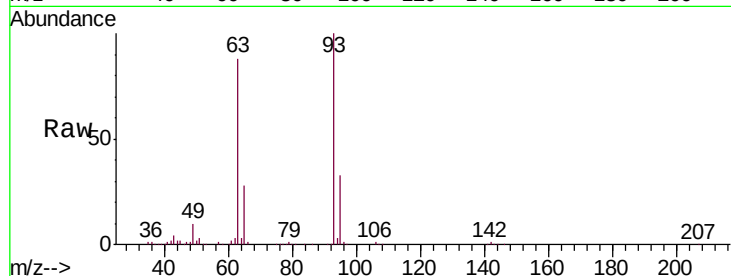




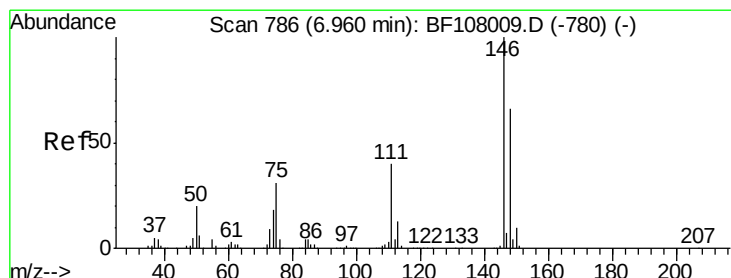
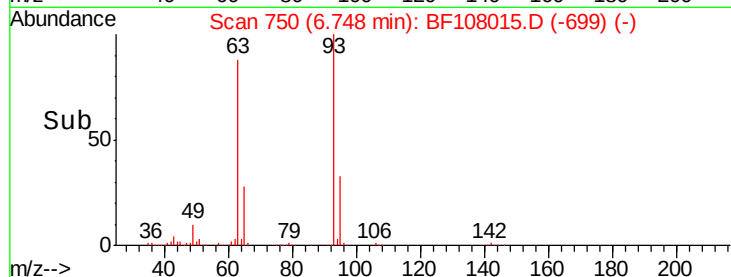
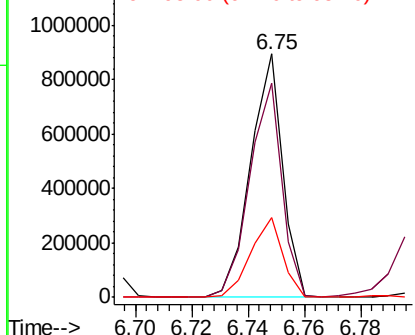
#11
bis(2-Chloroethyl)ether
Concen: 40.343 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	700091
Ion	Ratio	Lower	Upper
93	100		
63	88.0	58.6	98.6
95	33.0	11.8	51.8

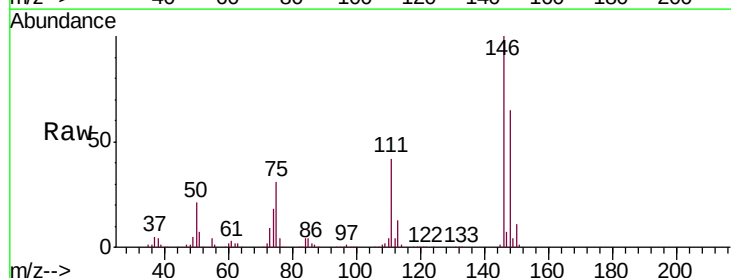


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

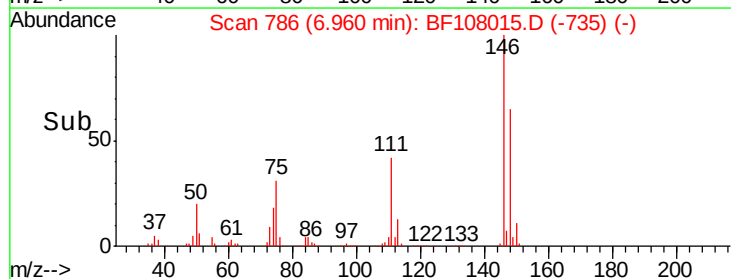
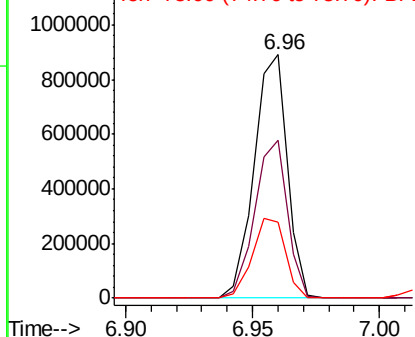


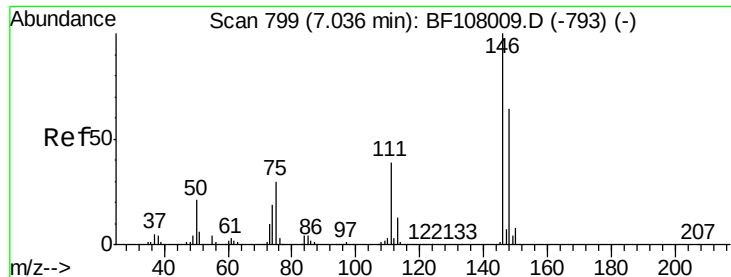
#12
1,3-Dichlorobenzene
Concen: 40.132 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:	146	Resp:	816130
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	31.2	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

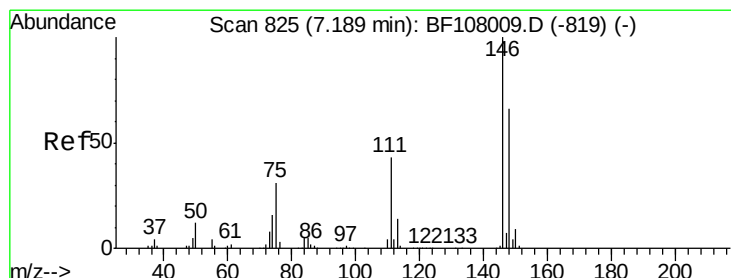
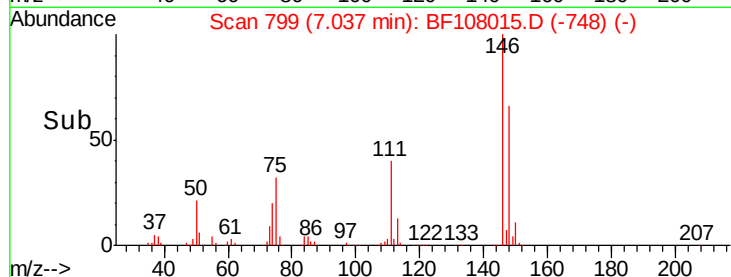
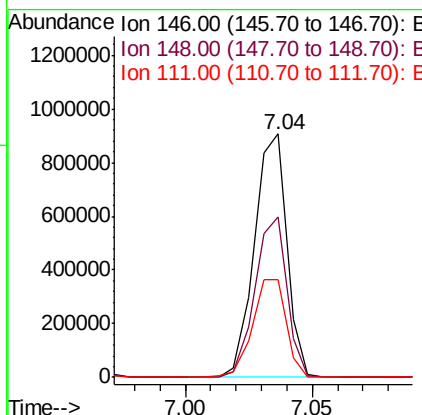
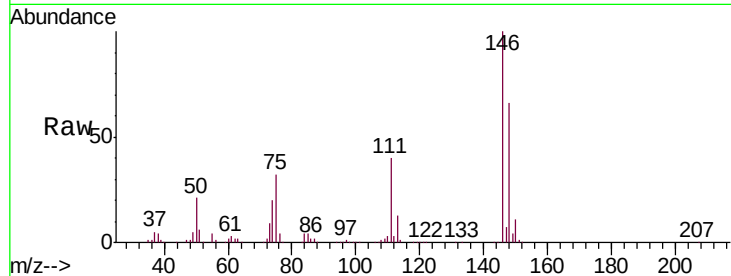




#13
 1,4-Dichlorobenzene
 Concen: 39.706 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

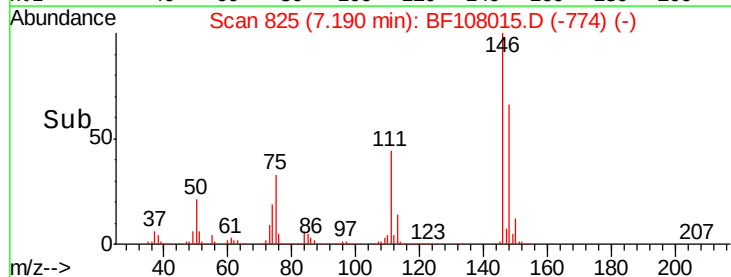
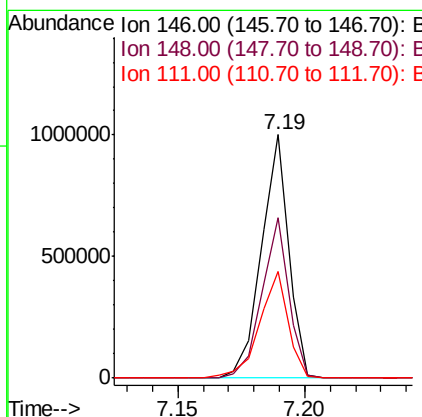
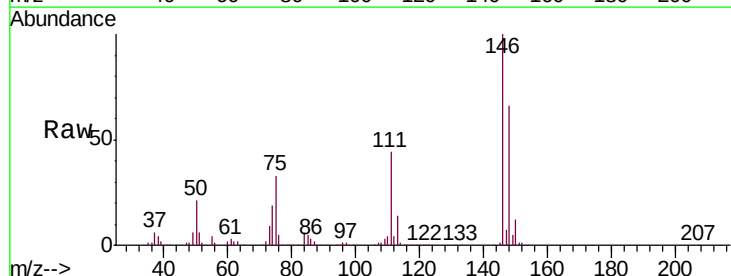
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

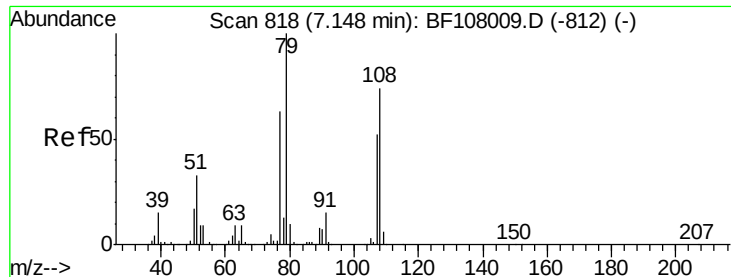
Tgt Ion:146 Resp: 811289
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.899 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:146 Resp: 758285
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.6 75.8
 111 43.7 36.0 54.0

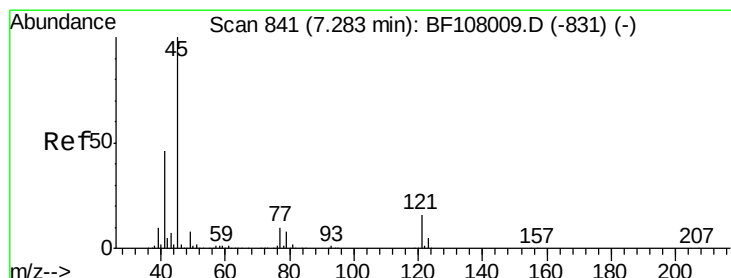
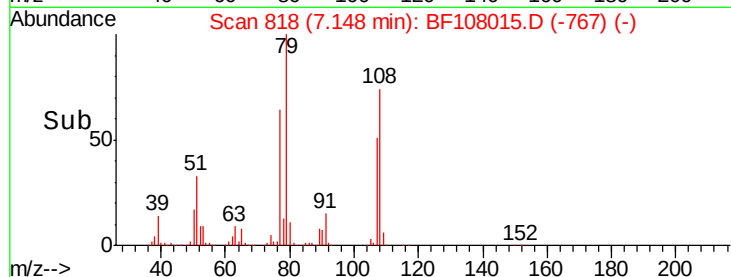
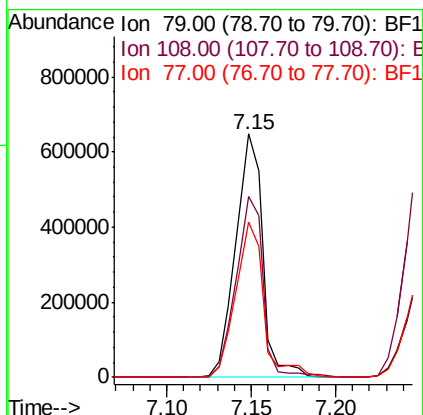
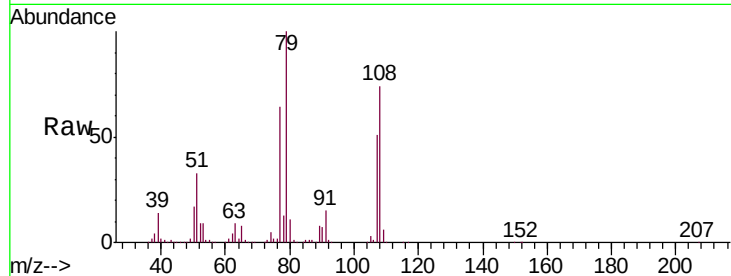




#15
Benzyl Alcohol
Concen: 41.398 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

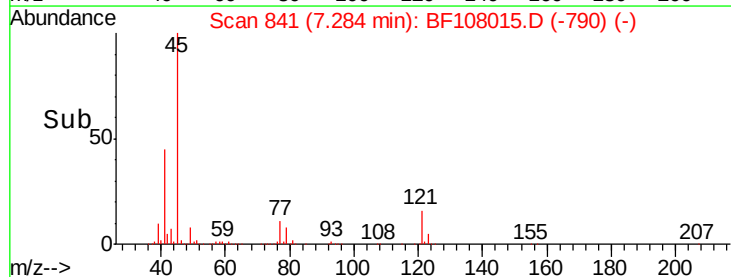
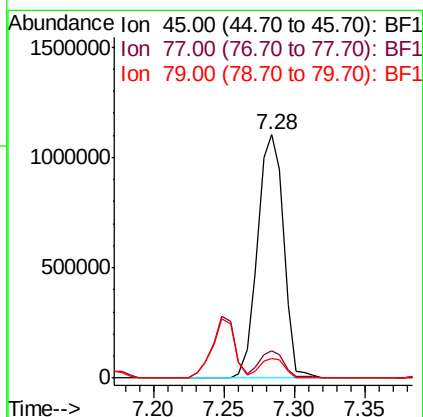
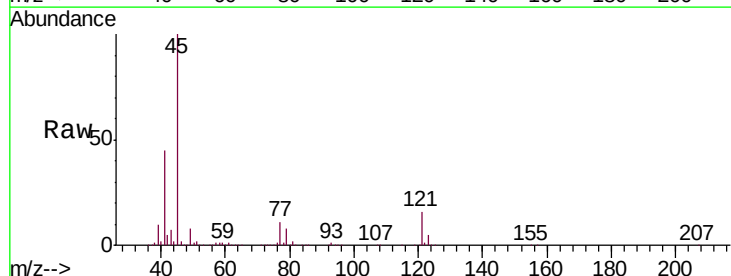
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

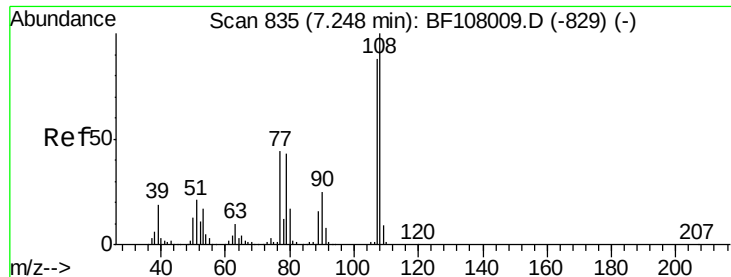
Tgt Ion: 79 Resp: 723205
Ion Ratio Lower Upper
79 100
108 74.1 65.1 97.7
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.229 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion: 45 Resp: 1438190
Ion Ratio Lower Upper
45 100
77 11.1 0.0 32.9
79 8.2 0.0 29.6

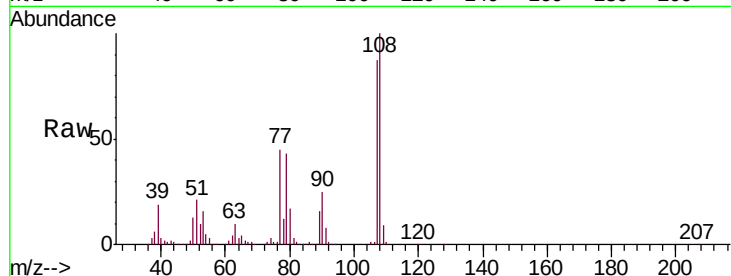




#17
2-Methylphenol
Concen: 40.894 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	616785		
108	115.3	91.7	137.5	
77	51.5	33.8	50.8#	
79	49.4	33.8	50.8	



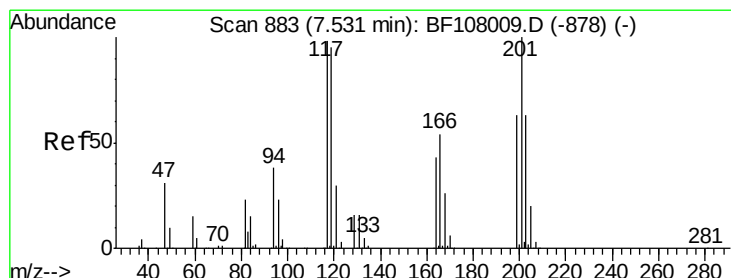
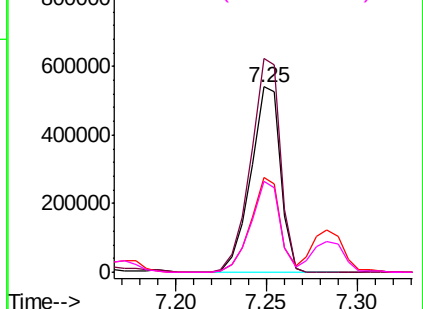
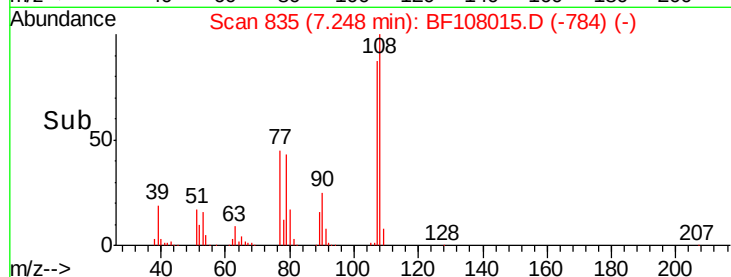
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

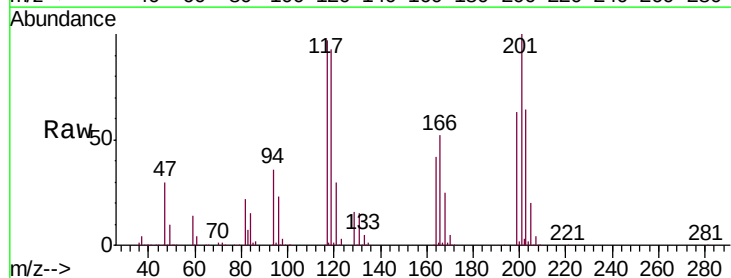
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.271 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292941		
119	95.2	75.8	113.8	
201	102.7	75.7	113.5	

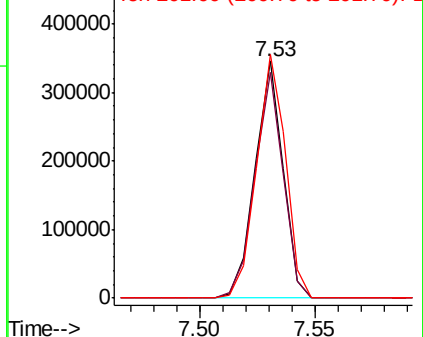
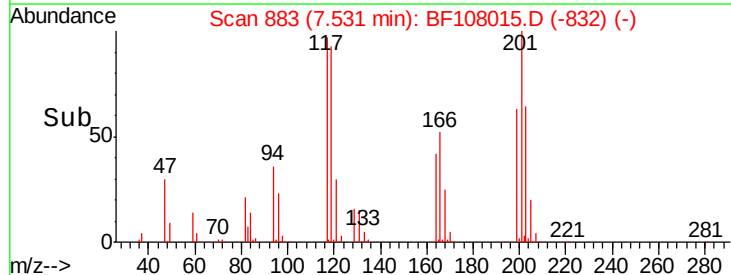


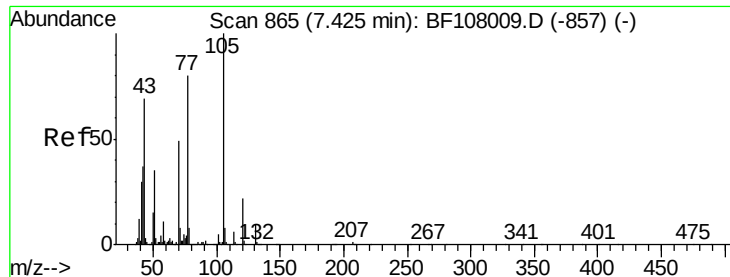
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

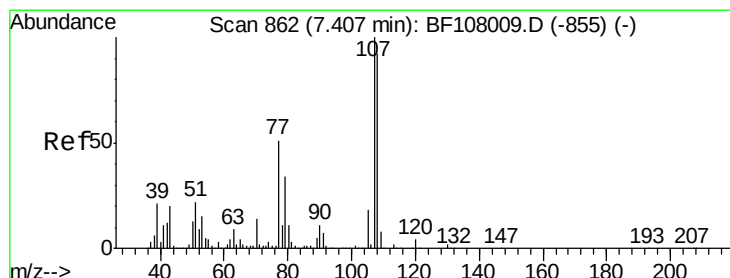
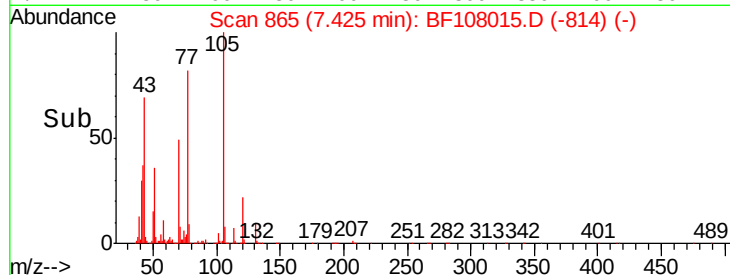
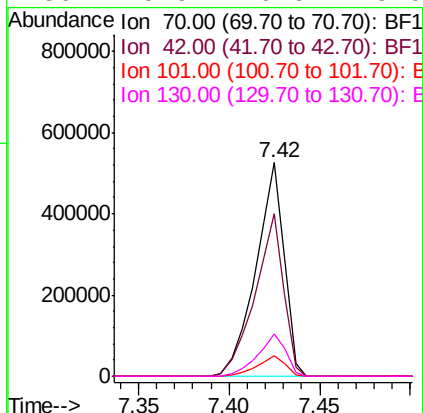
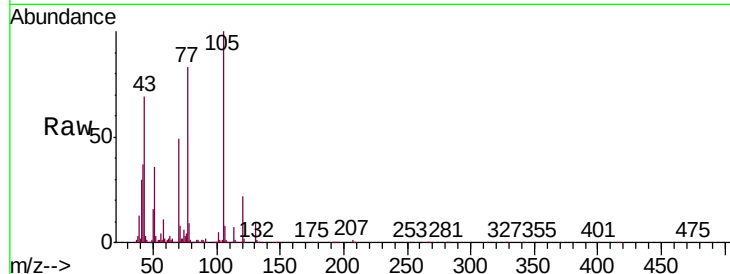




#19
n-Nitroso-di-n-propylamine
Concen: 40.703 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

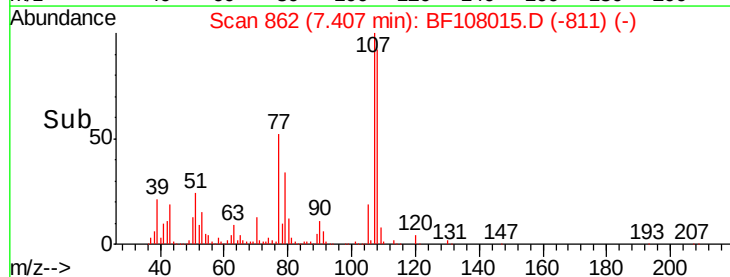
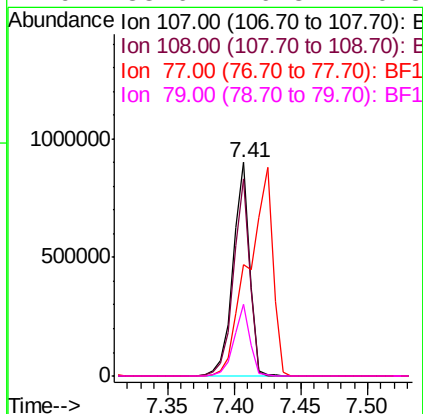
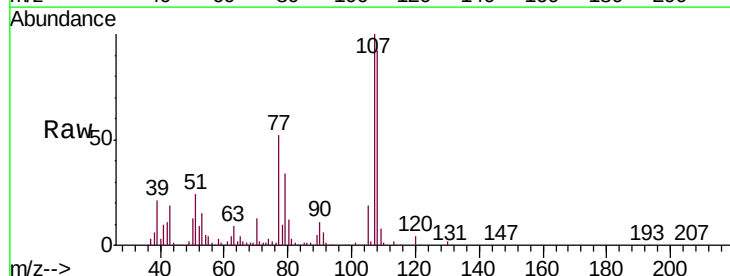
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

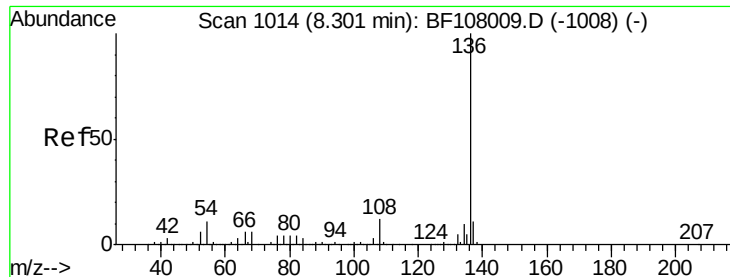
Tgt Ion: 70 Resp: 571179
Ion Ratio Lower Upper
70 100
42 75.9 47.5 71.3#
101 9.8 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.975 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion: 107 Resp: 791971
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 52.1 26.7 66.7
79 33.6 6.3 46.3

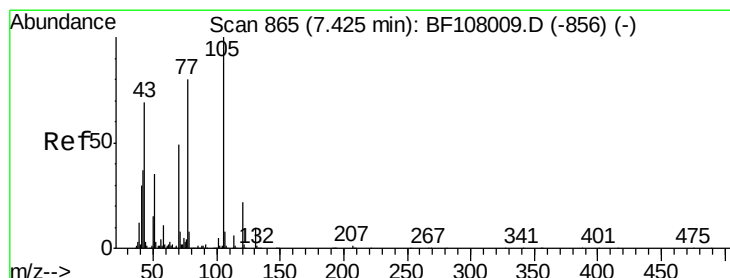
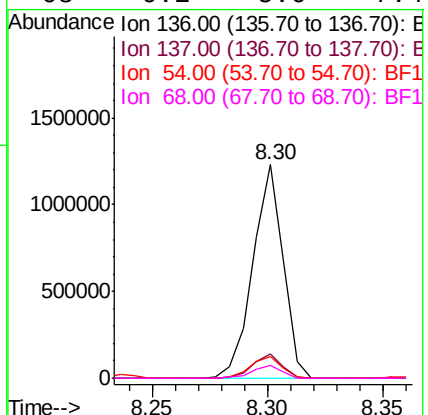
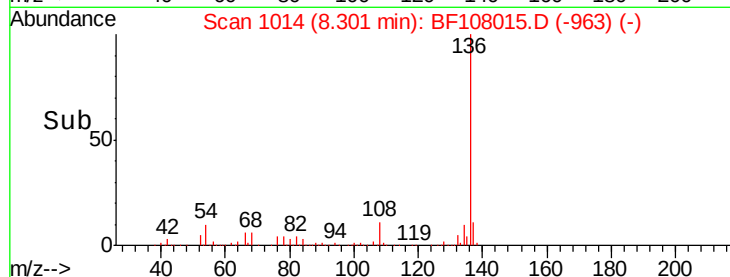
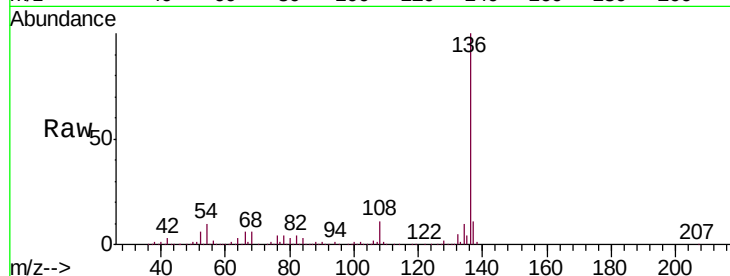




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

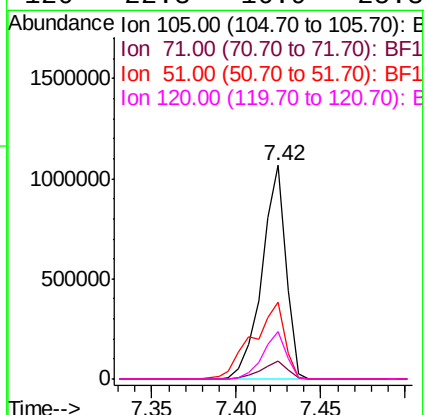
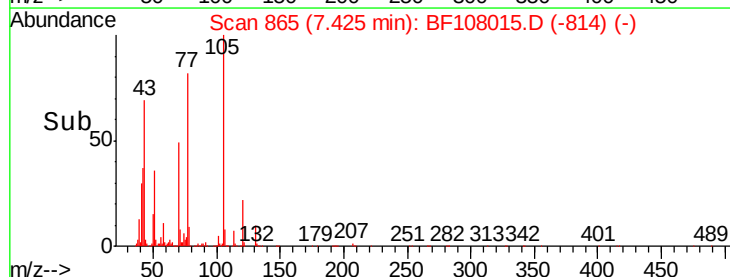
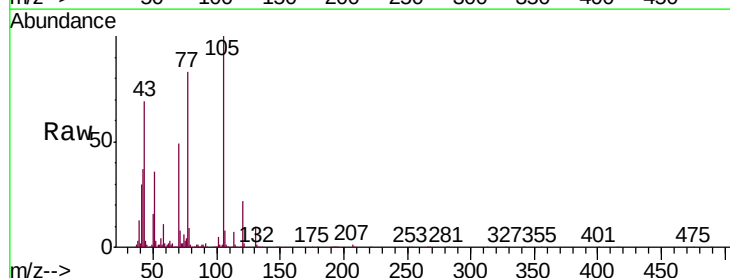
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

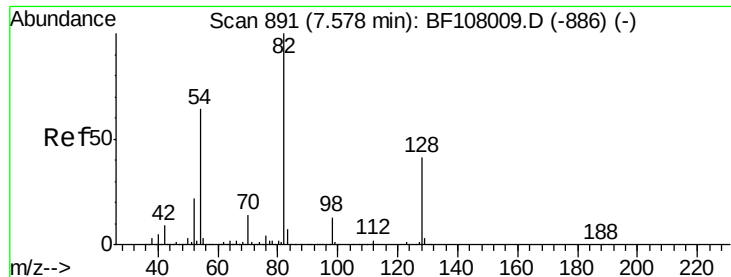
Tgt Ion:	136	Resp:	1124933
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	6.6	9.8#
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 39.661 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:	105	Resp:	1043240
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	35.8	22.3	33.5#
120	22.3	16.9	25.3

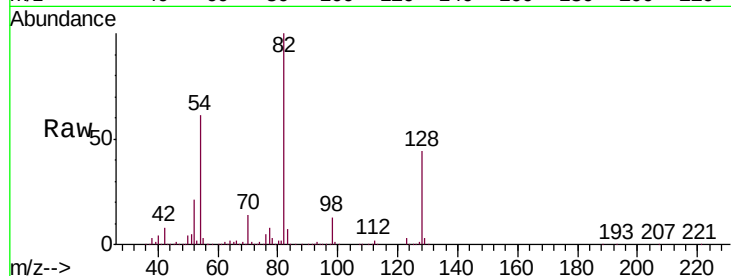




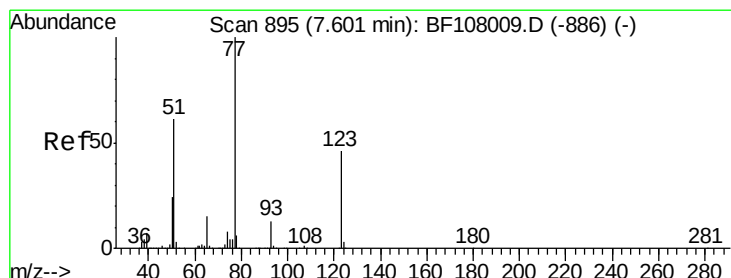
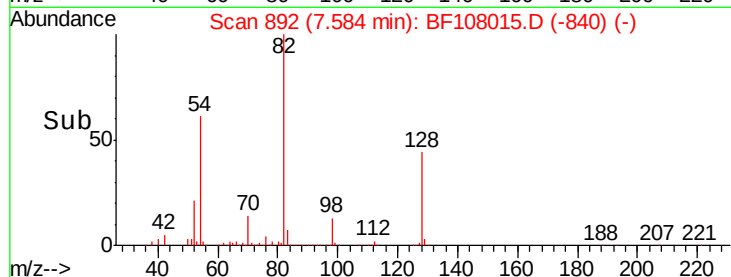
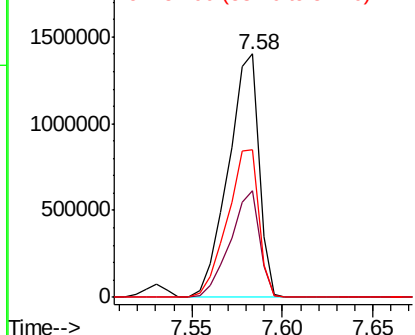
#23
 Nitrobenzene-d5
 Concen: 81.820 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1649461
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 60.6 41.4 62.2

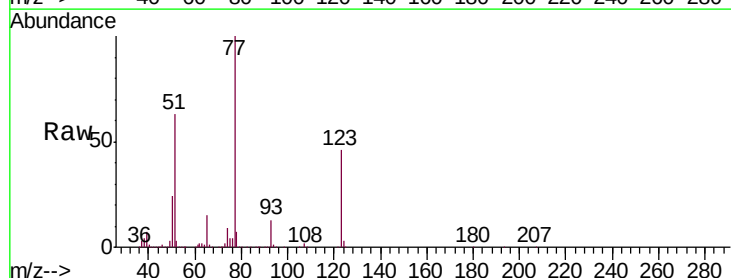


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

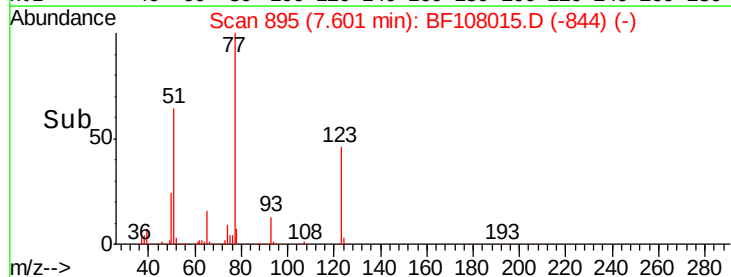
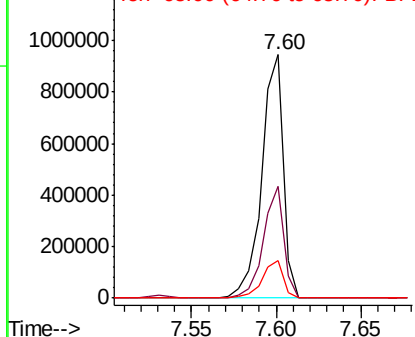


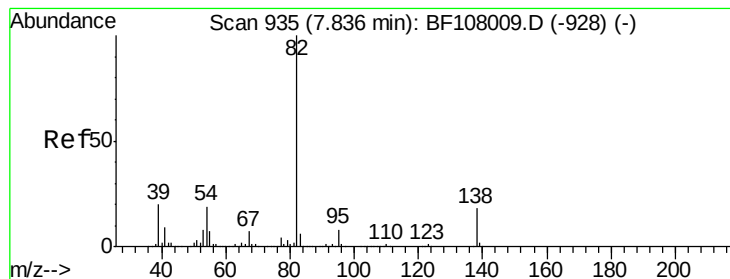
#24
 Nitrobenzene
 Concen: 41.022 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion: 77 Resp: 836261
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.9 56.9
 65 15.5 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: 40.359 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

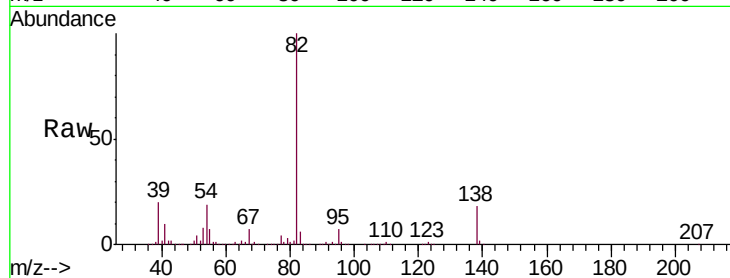
Tgt Ion: 82 Resp: 1550803

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

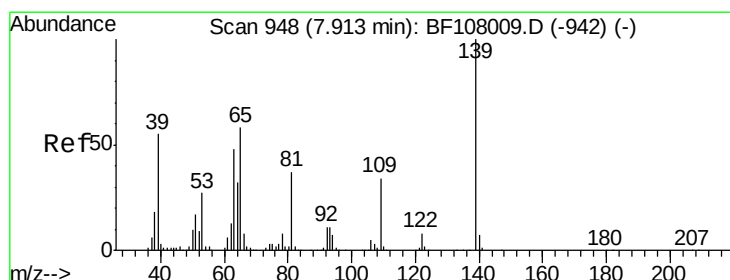
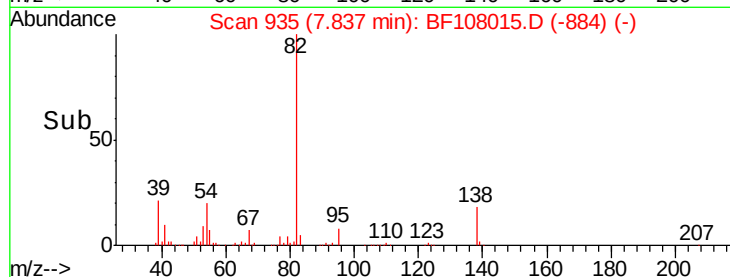
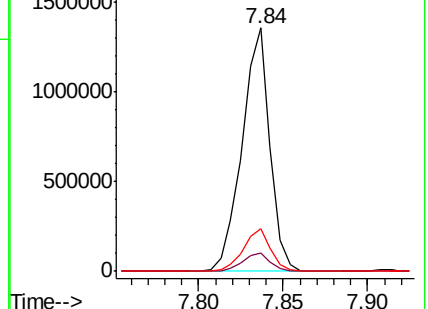
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.576 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

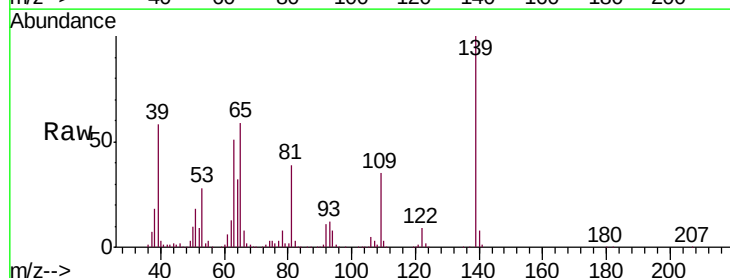
Tgt Ion: 139 Resp: 327775

Ion Ratio Lower Upper

139 100

109 34.8 22.7 34.1#

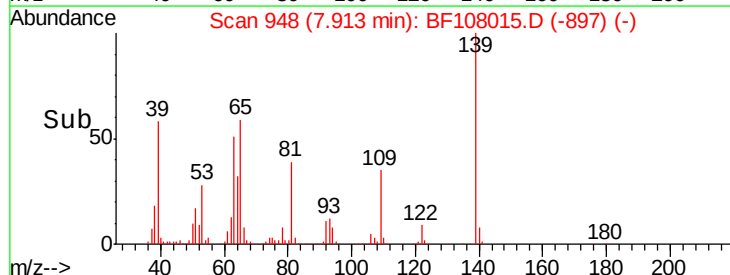
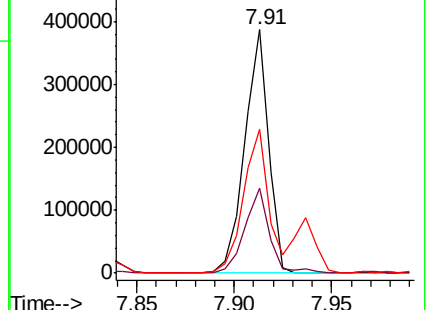
65 59.3 40.5 60.7

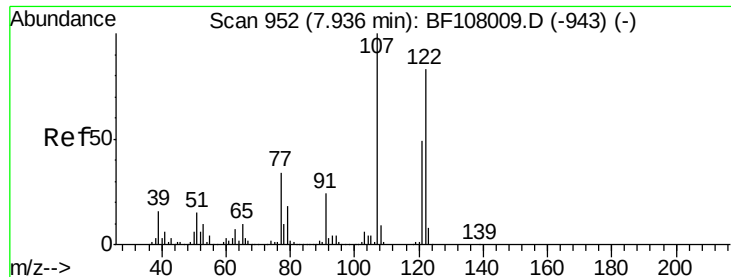


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

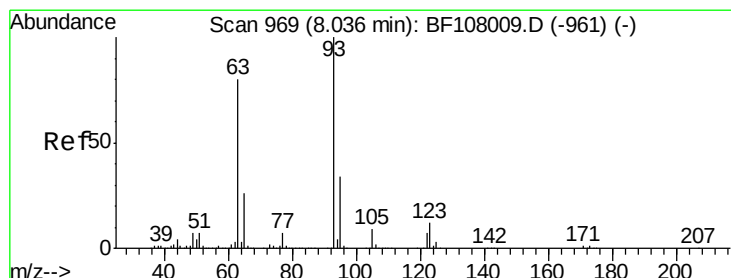
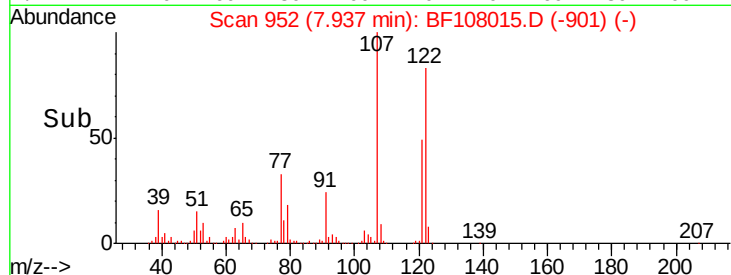
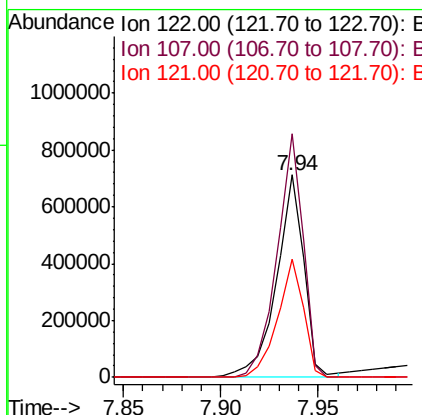
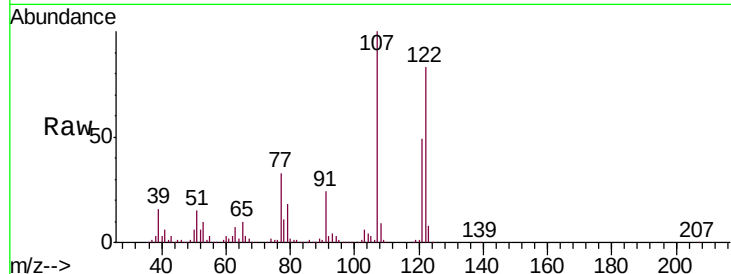




#27
 2,4-Dimethylphenol
 Concen: 40.438 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

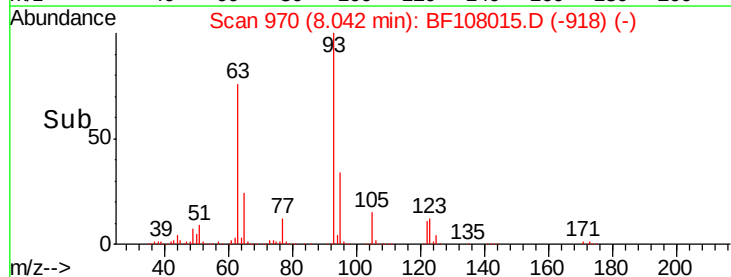
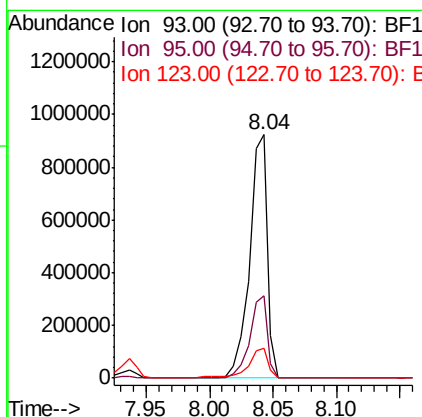
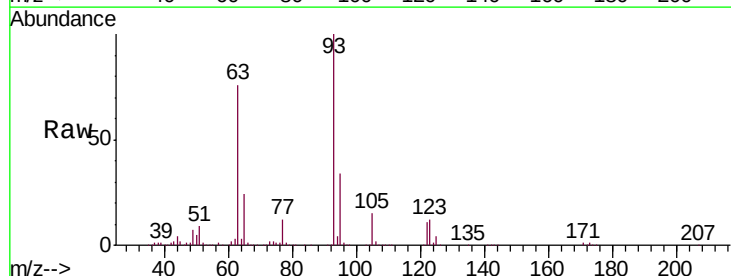
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

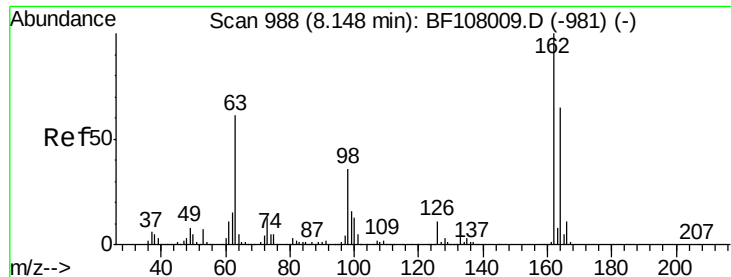
Tgt Ion:122 Resp: 689633
 Ion Ratio Lower Upper
 122 100
 107 120.2 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.886 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion: 93 Resp: 894711
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.3 39.5
 123 12.4 9.8 14.6

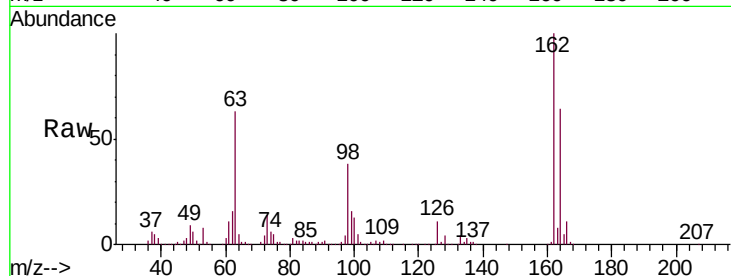




#29
2,4-Dichlorophenol
Concen: 41.425 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	37.8	18.1	58.1

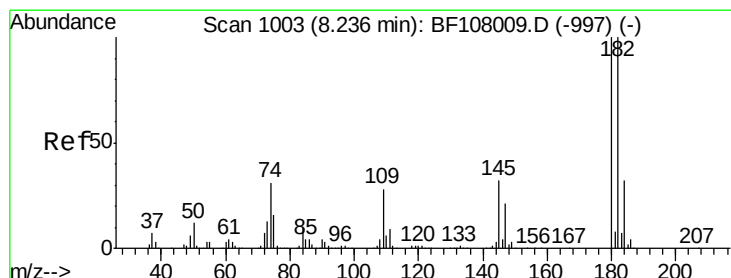
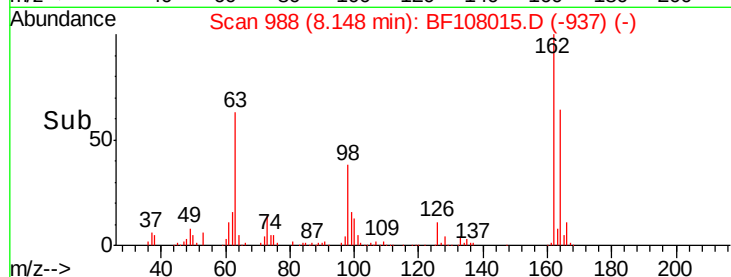
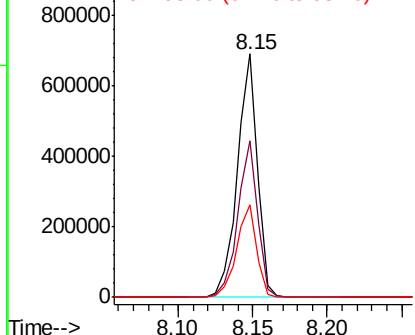


Abundance

Ion 162.00 (161.70 to 162.70): E

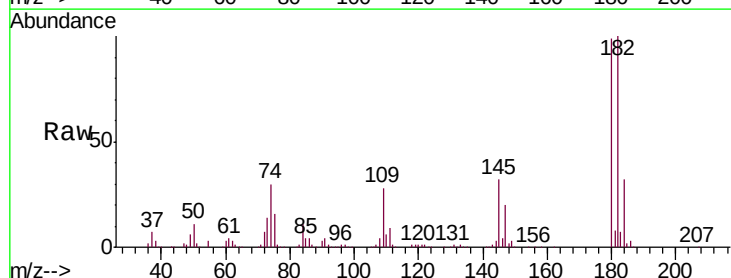
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.907 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.8	115.2
145	32.6	26.5	39.7

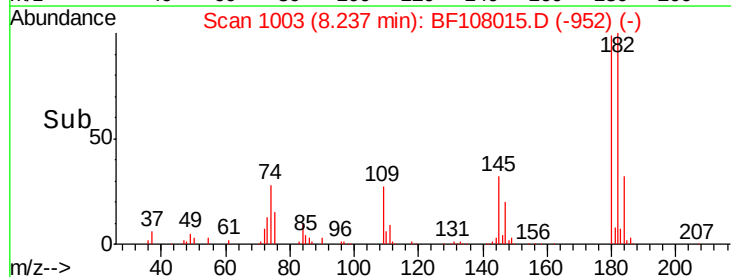
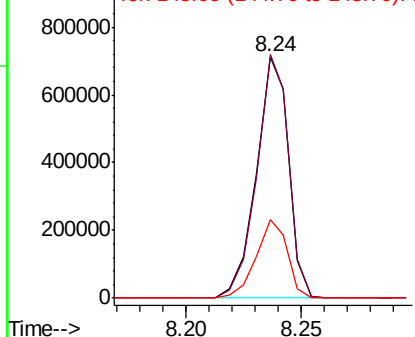


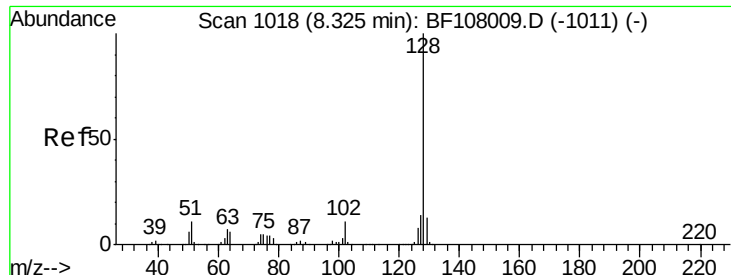
Abundance

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

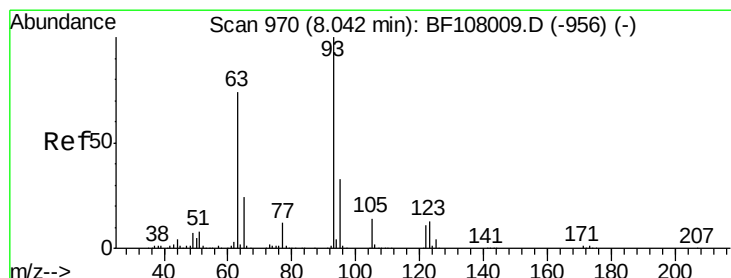
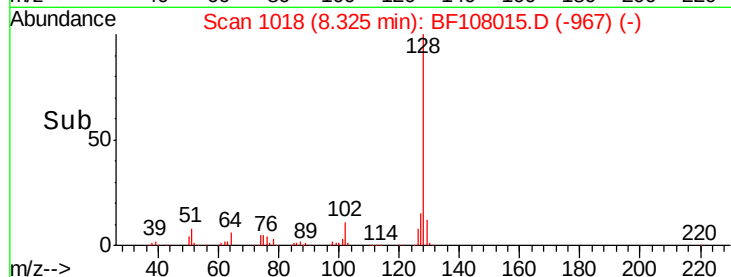
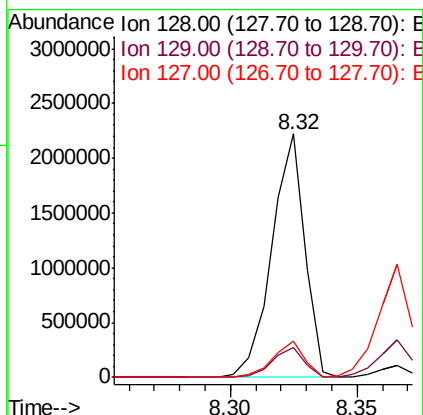
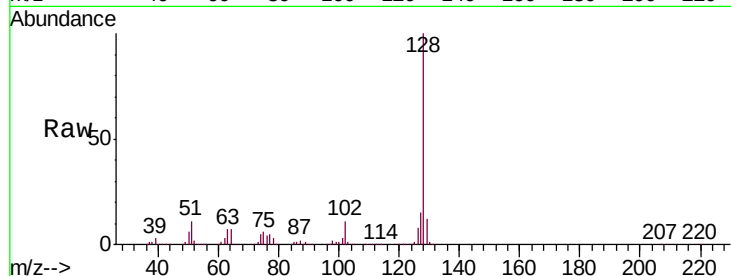




#31
Naphthalene
Concen: 39.626 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

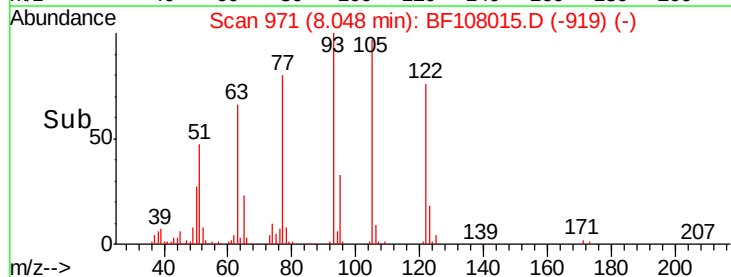
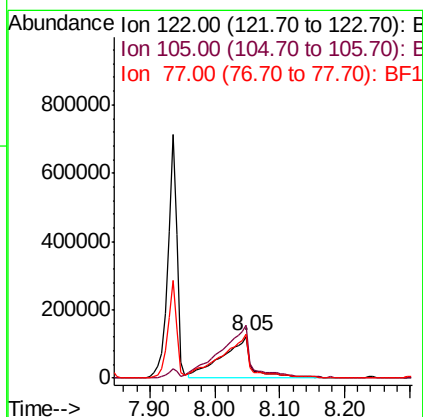
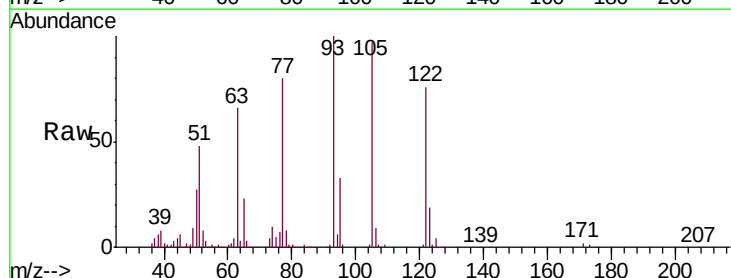
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

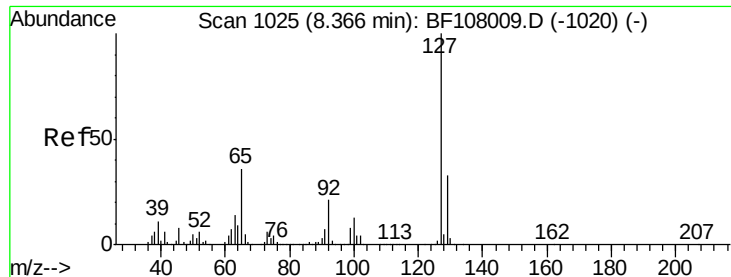
Tgt Ion:128 Resp: 2027261
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 14.8 10.9 16.3



#32
Benzoic acid
Concen: 40.346 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:122 Resp: 388513
Ion Ratio Lower Upper
122 100
105 126.9 101.1 141.1
77 105.0 70.7 110.7

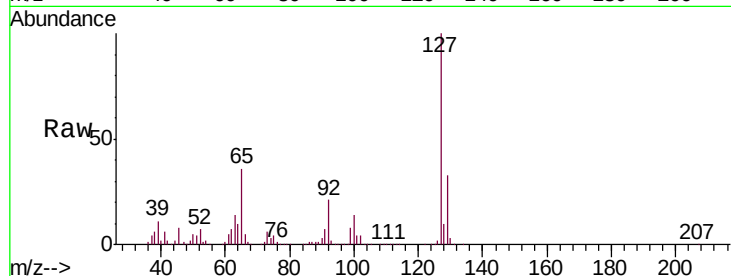




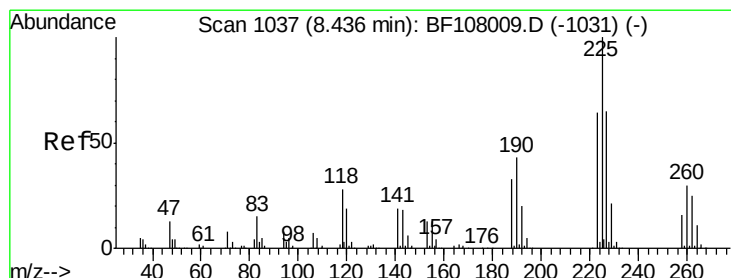
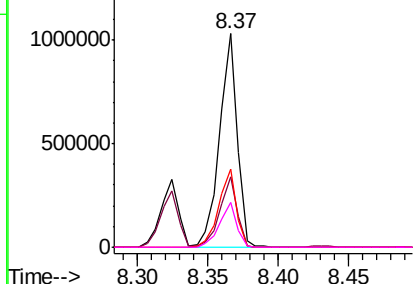
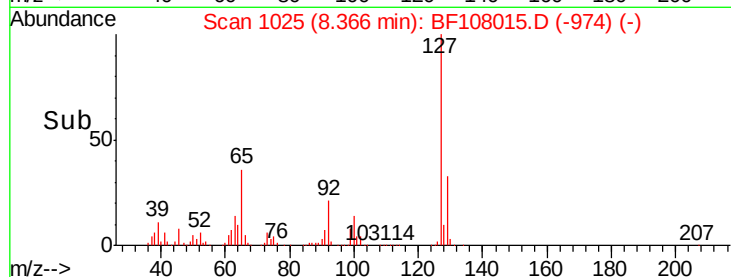
#33
 4-Chloroaniline
 Concen: 40.325 ng
 RT: 8.37 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	899050
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	36.3	25.0	37.4
92	20.8	15.2	22.8

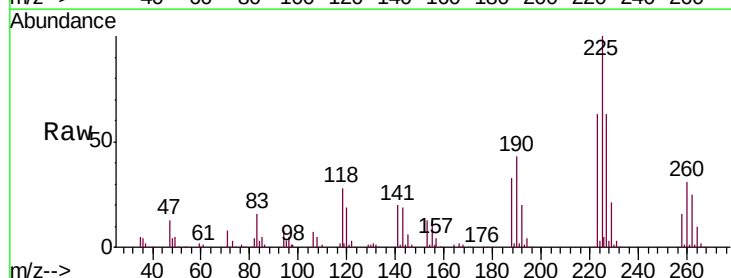


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

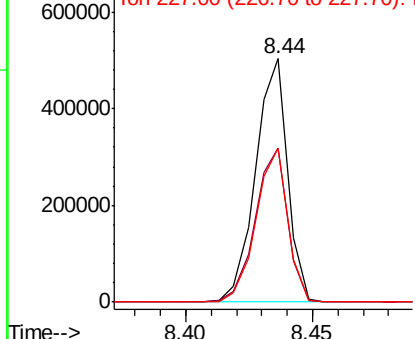
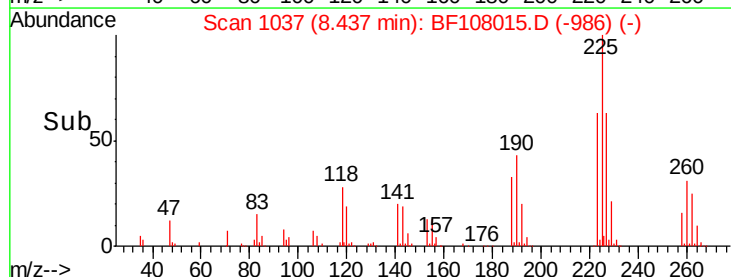


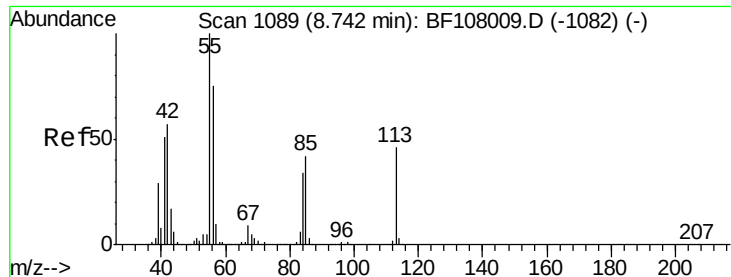
#34
 Hexachlorobutadiene
 Concen: 40.358 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:	225	Resp:	442080
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.3	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

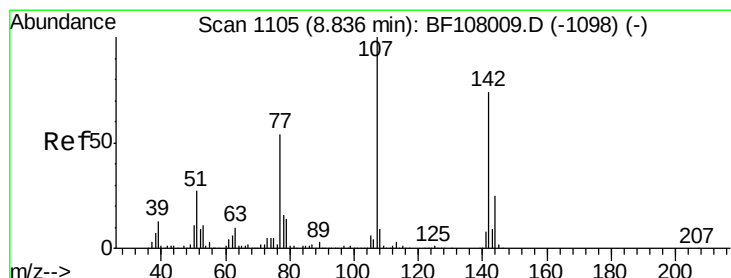
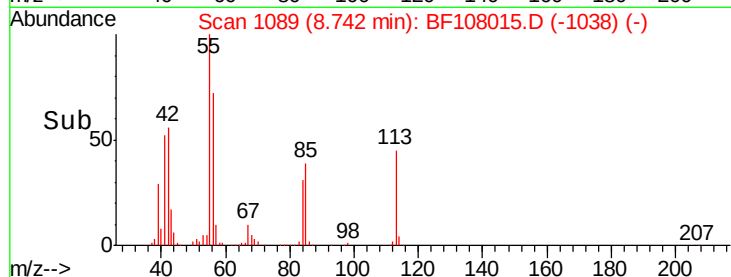
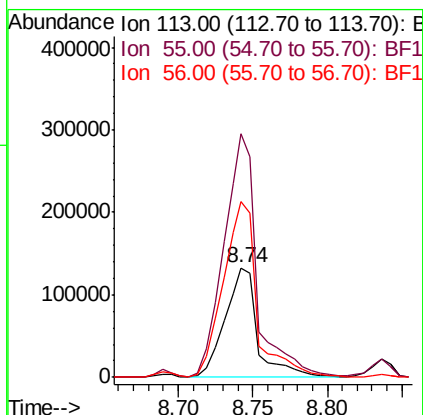
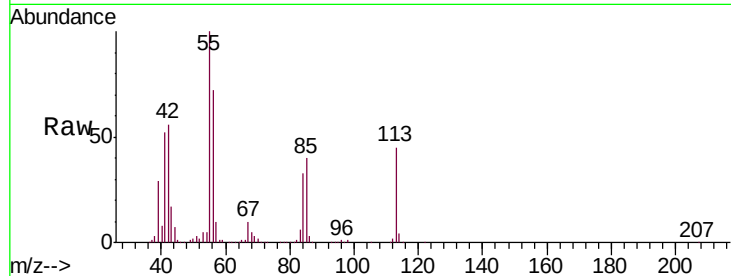




#35
 Caprolactam
 Concen: 41.332 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

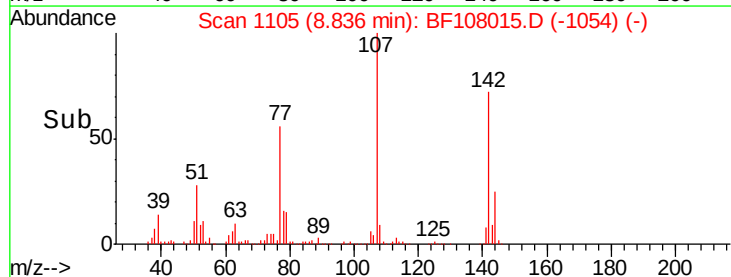
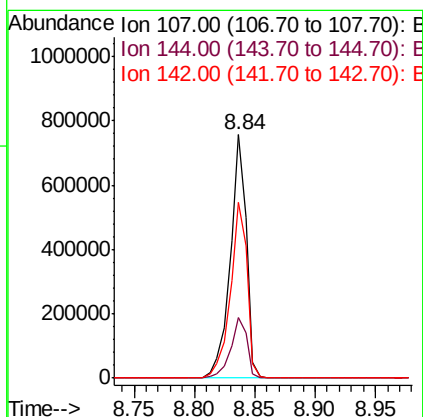
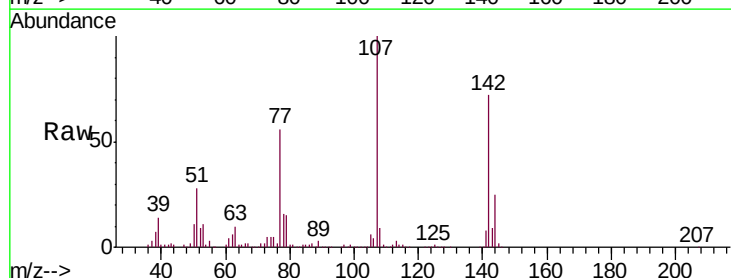
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

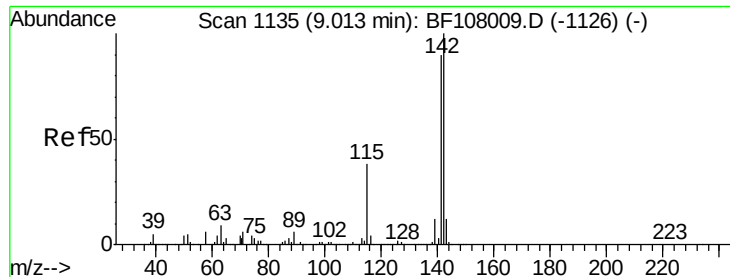
Tgt Ion:113 Resp: 203280
 Ion Ratio Lower Upper
 113 100
 55 221.9 163.3 203.3#
 56 159.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.307 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:107 Resp: 699367
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 72.3 62.0 93.0

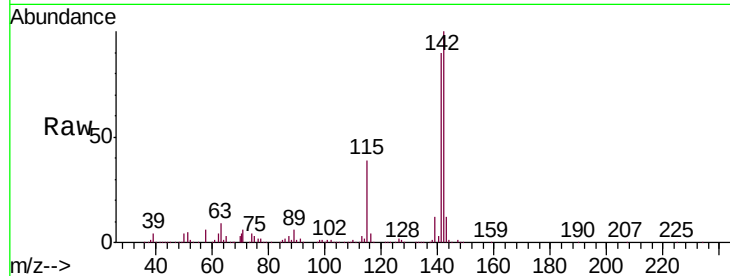




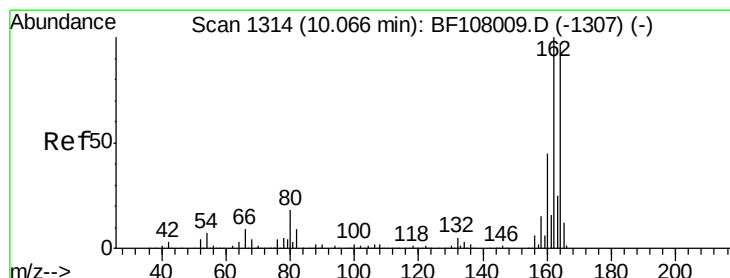
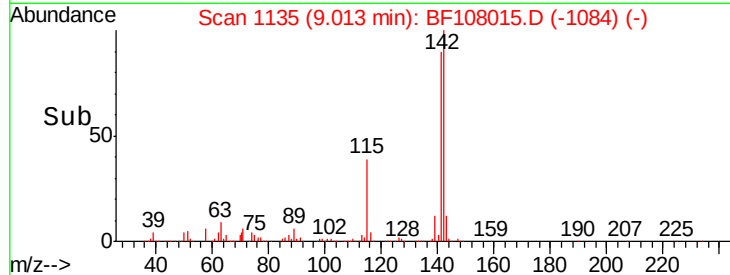
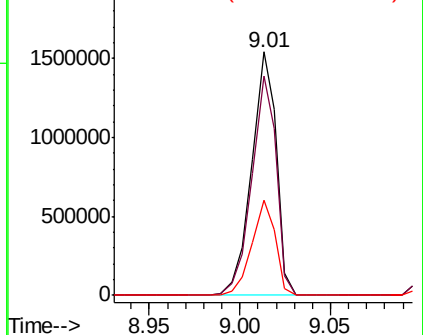
#37
2-Methylnaphthalene
Concen: 40.157 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1453506
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 39.1 26.1 39.1

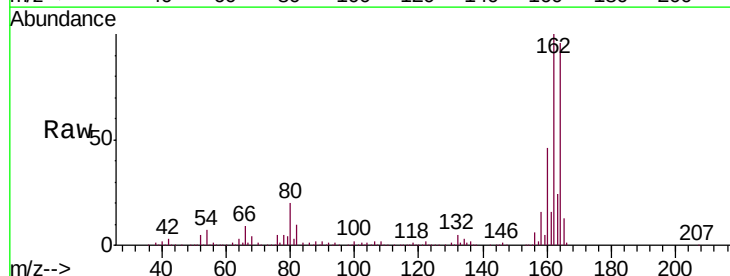


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

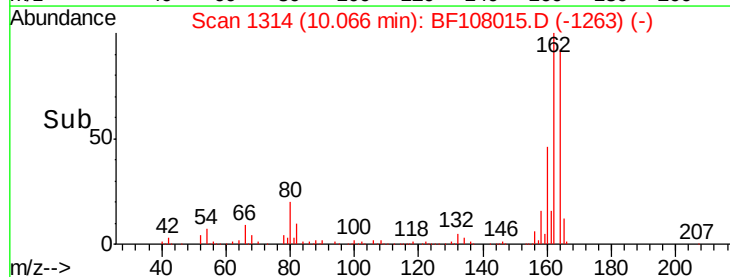
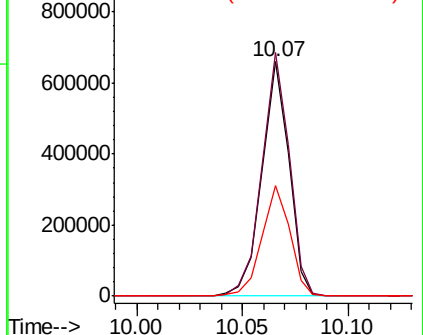


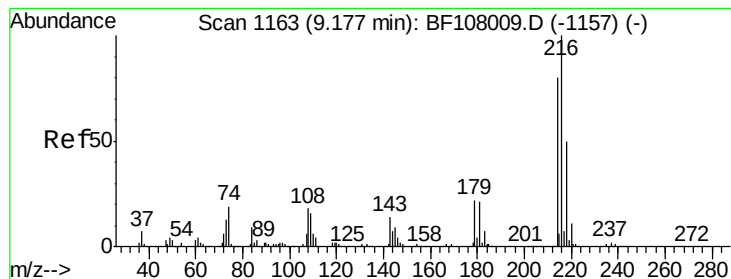
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:164 Resp: 592114
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.4 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.294 ng

RT: 9.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 732673

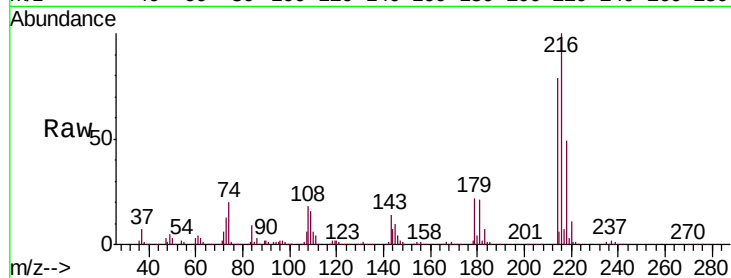
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.3 18.1 27.1

108 19.4 17.2 25.8

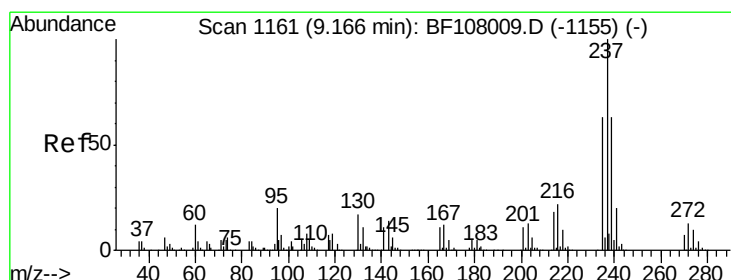
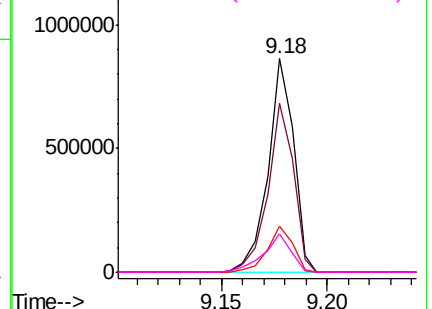
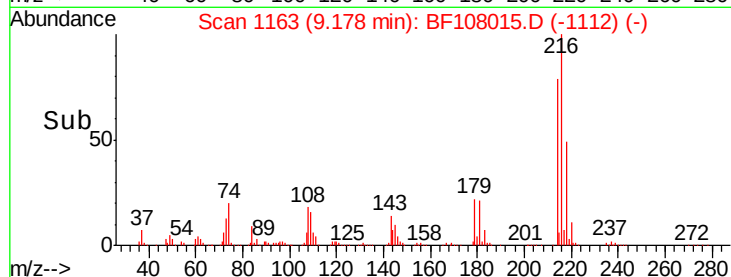


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.417 ng

RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

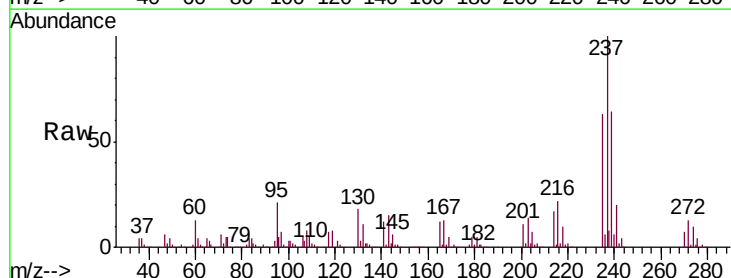
Tgt Ion:237 Resp: 486432

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

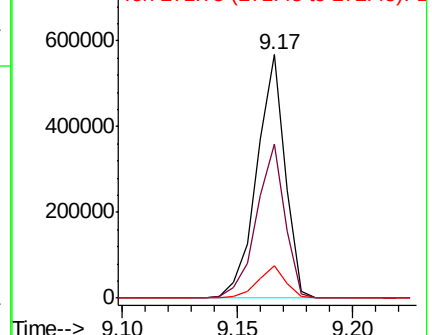
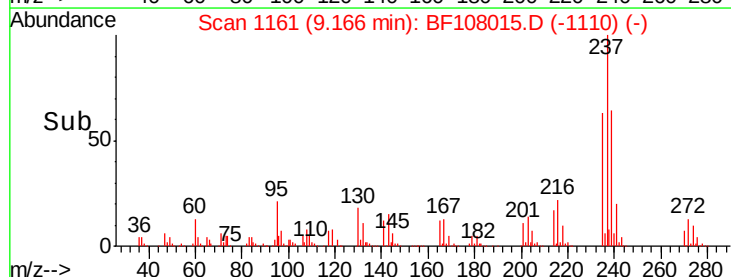
272 13.2 0.0 33.3

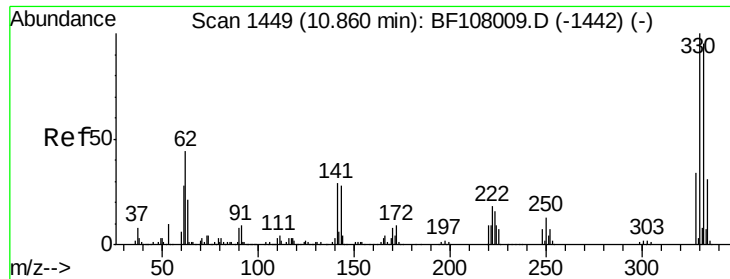


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

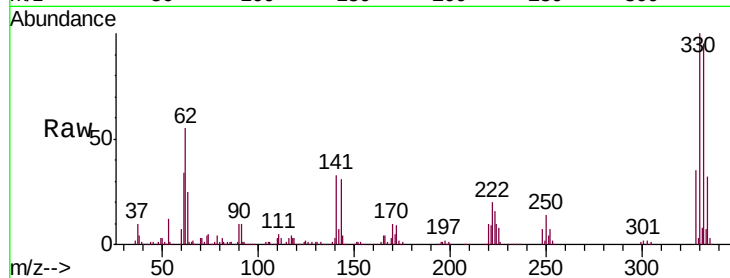




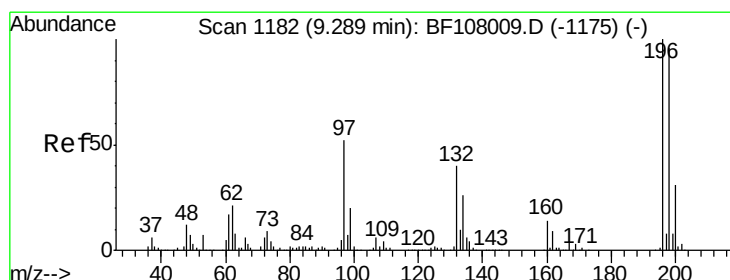
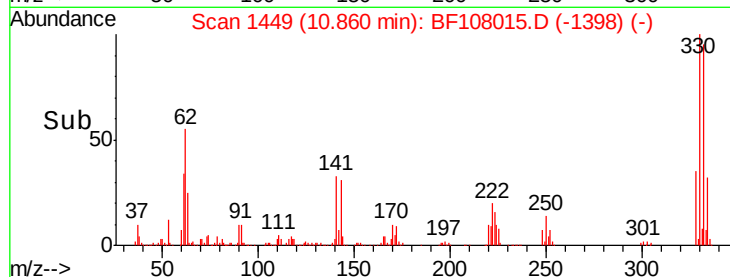
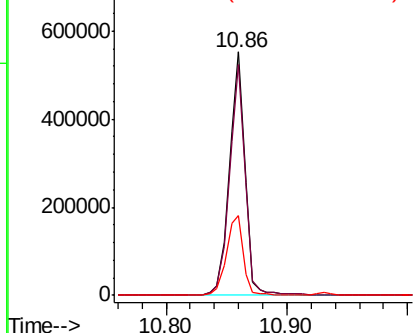
#41
 2,4,6-Tribromophenol
 Concen: 84.174 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 497148
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 35.3 29.9 44.9

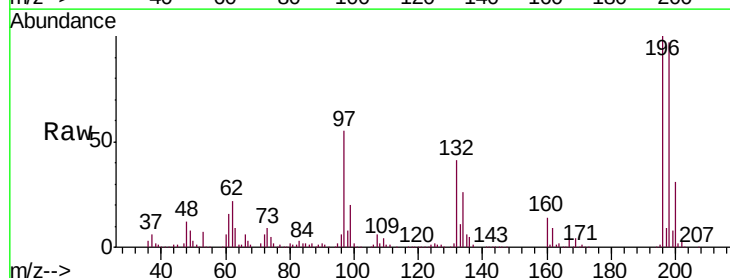


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

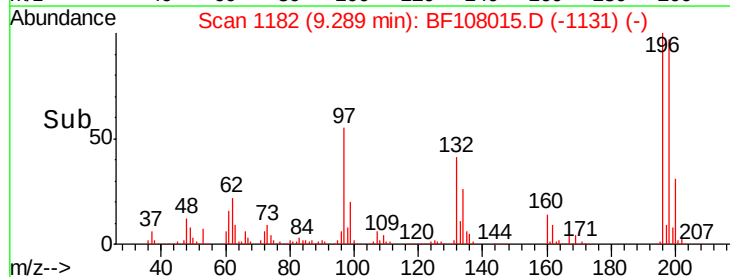
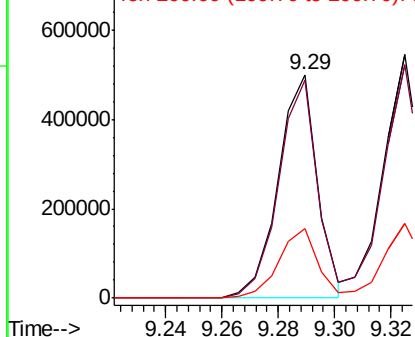


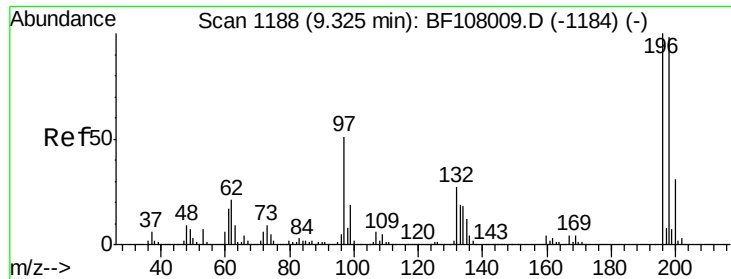
#42
 2,4,6-Trichlorophenol
 Concen: 42.565 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:196 Resp: 480288
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.1 24.5 36.7



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

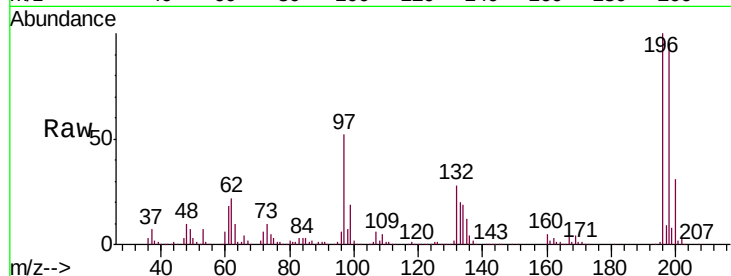




#43
 2,4,5-Trichlorophenol
 Concen: 41.712 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	518113
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	52.2	42.9	64.3
132	27.6	26.3	39.5



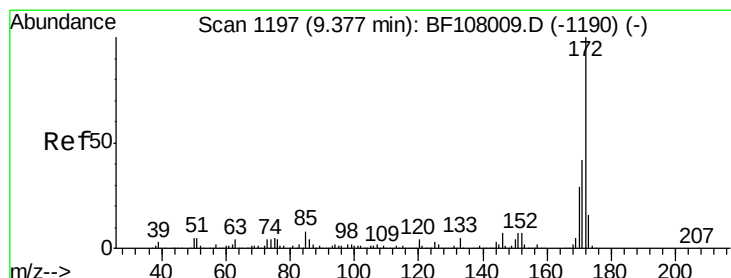
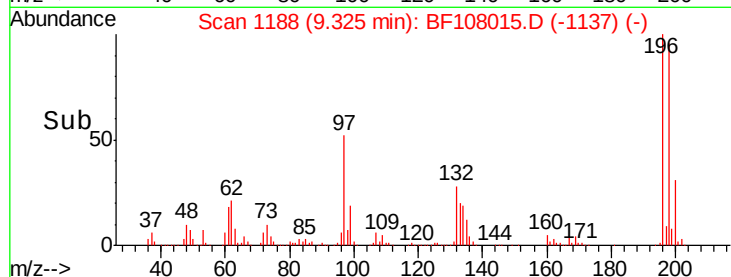
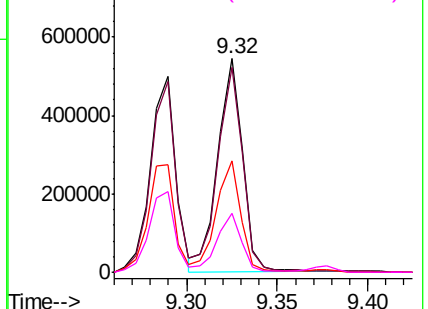
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

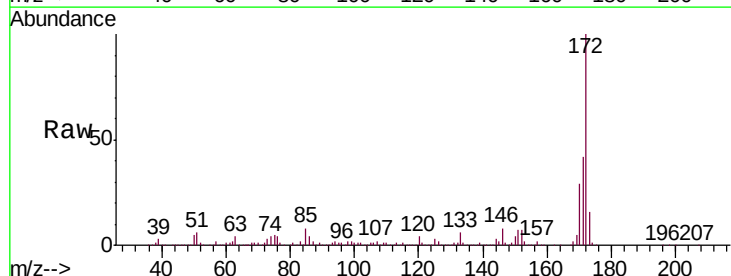
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.141 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:	172	Resp:	2845053
Ion	Ratio	Lower	Upper
172	100		
171	41.5	29.7	44.5
170	28.6	19.6	29.4

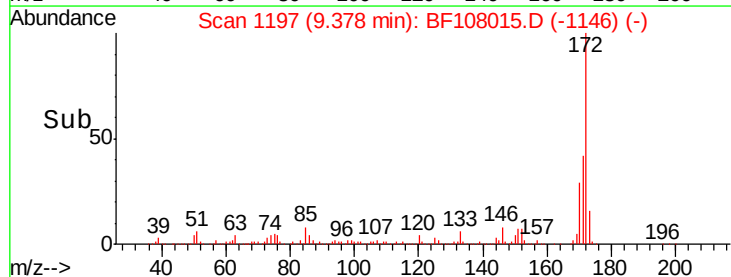
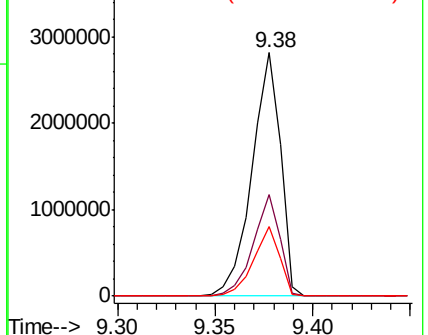


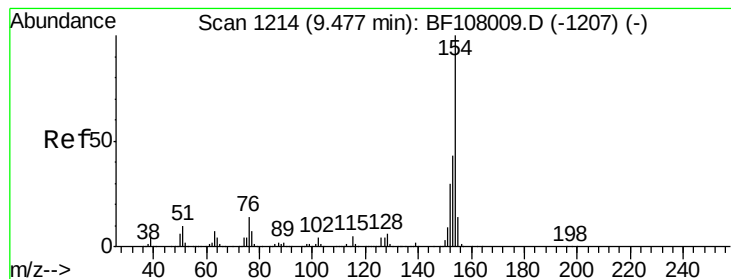
Abundance

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: 39.632 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

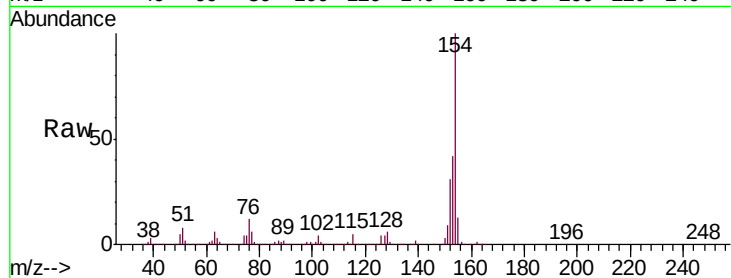
Tgt Ion:154 Resp: 1730177

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

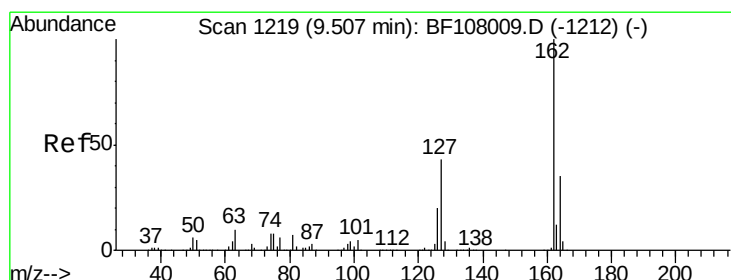
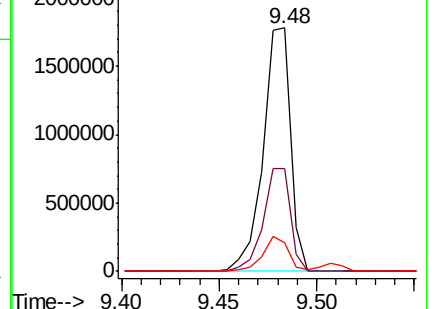
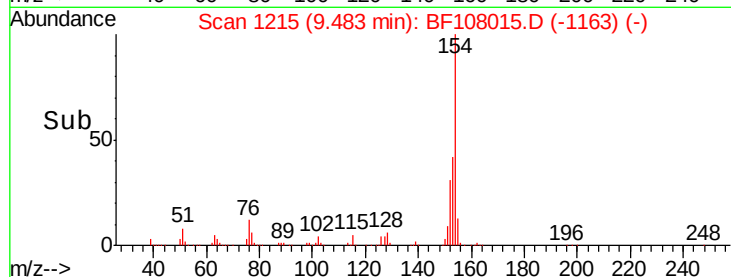
76 11.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.272 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

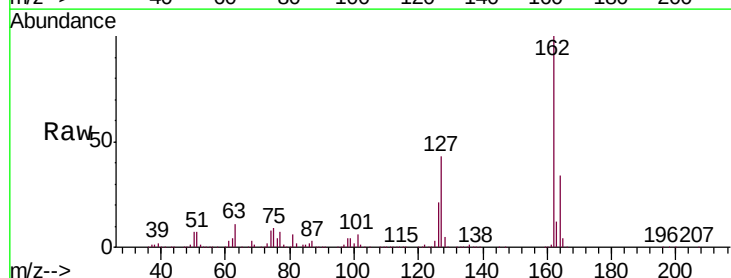
Tgt Ion:162 Resp: 1389558

Ion Ratio Lower Upper

162 100

127 42.9 33.9 50.9

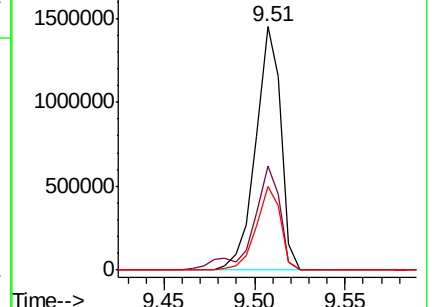
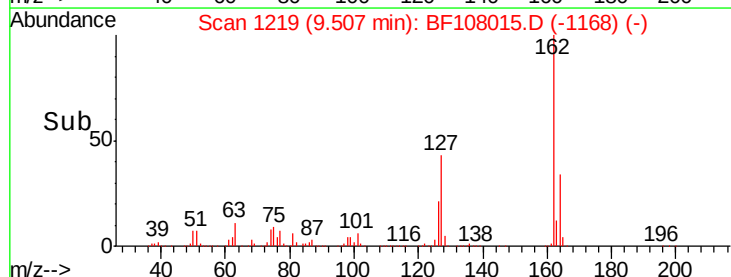
164 34.4 26.5 39.7

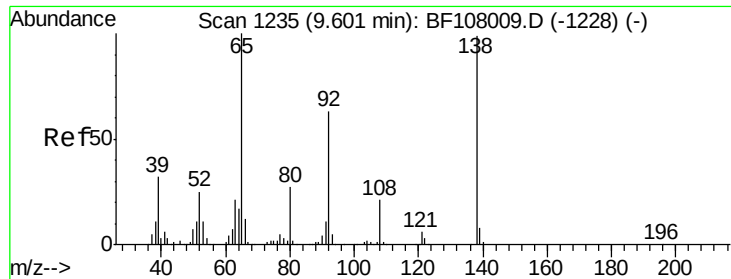


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

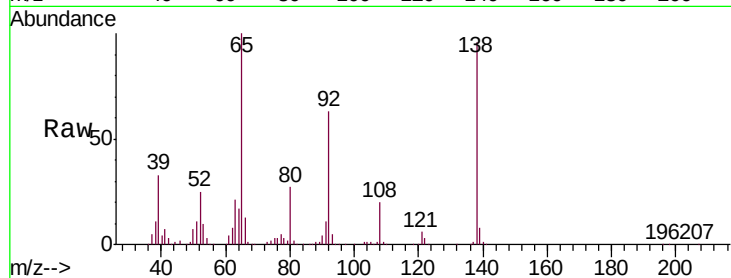




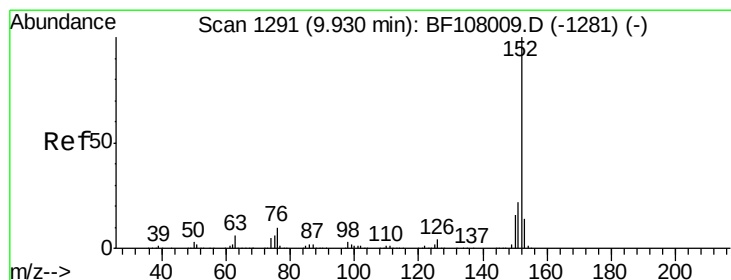
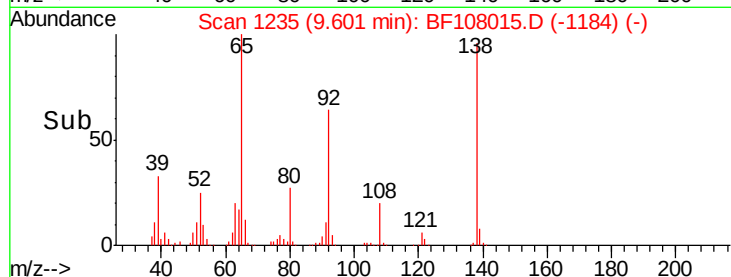
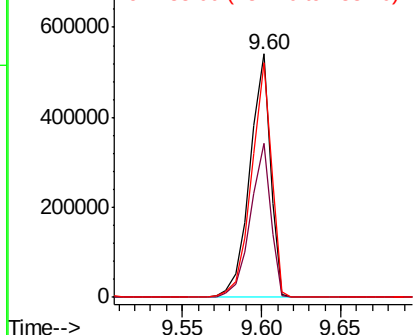
#47
2-Nitroaniline
Concen: 43.635 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 487161
Ion Ratio Lower Upper
65 100
92 63.5 55.8 83.6
138 96.2 91.2 136.8

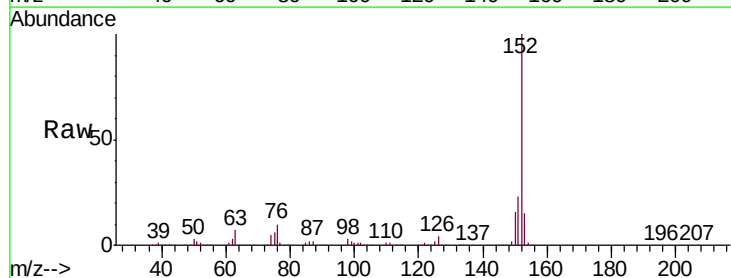


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

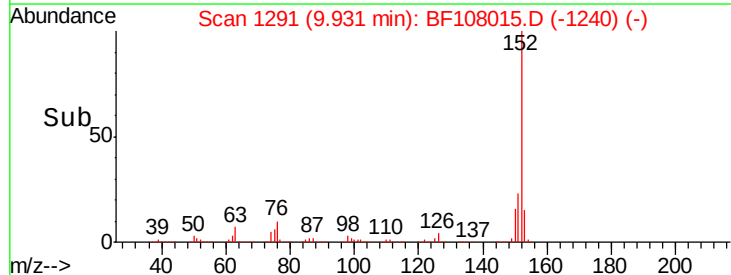
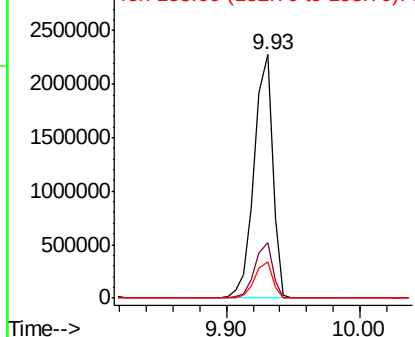


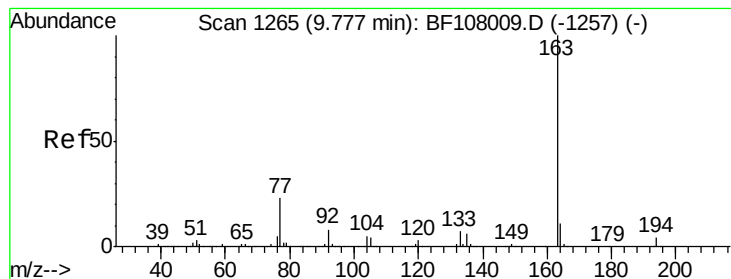
#48
Acenaphthylene
Concen: 39.741 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion: 152 Resp: 2167816
Ion Ratio Lower Upper
152 100
151 22.7 16.3 24.5
153 14.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.707 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

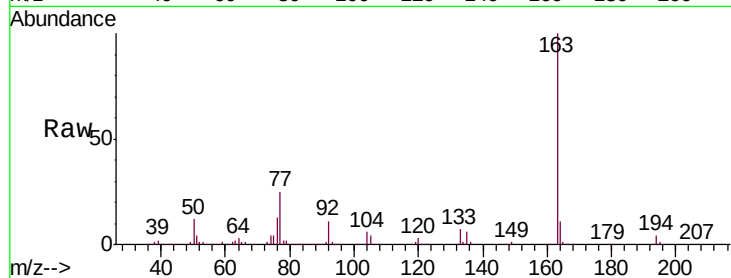
Tgt Ion:163 Resp: 1637731

Ion Ratio Lower Upper

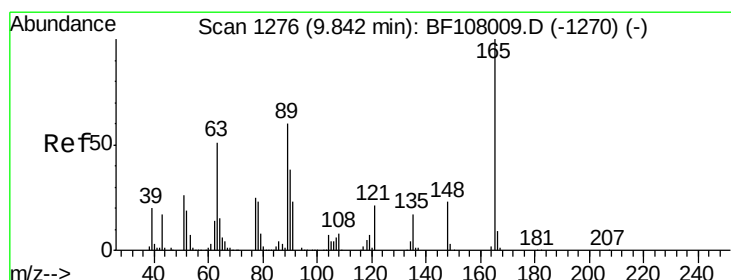
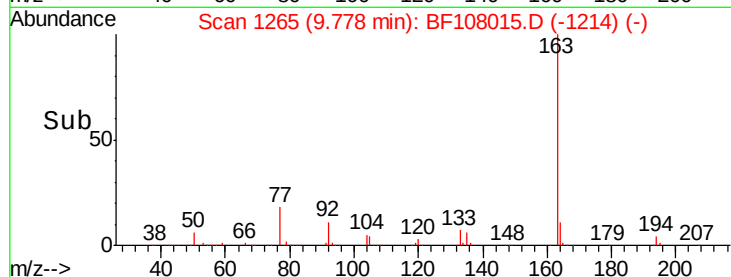
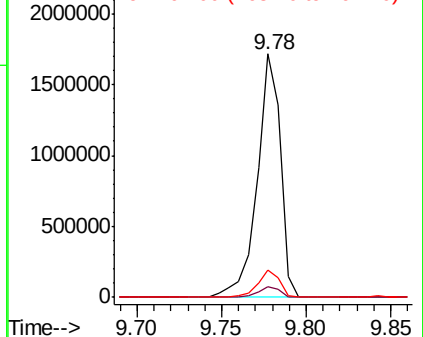
163 100

194 4.2 2.7 4.1#

164 11.1 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: 42.565 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

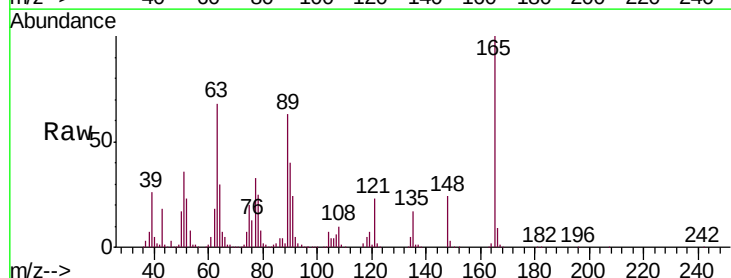
Tgt Ion:165 Resp: 367313

Ion Ratio Lower Upper

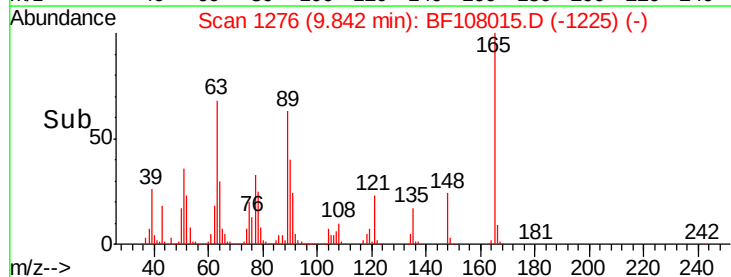
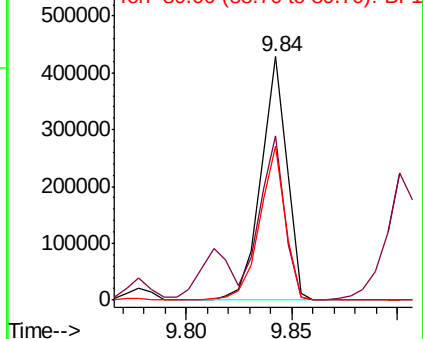
165 100

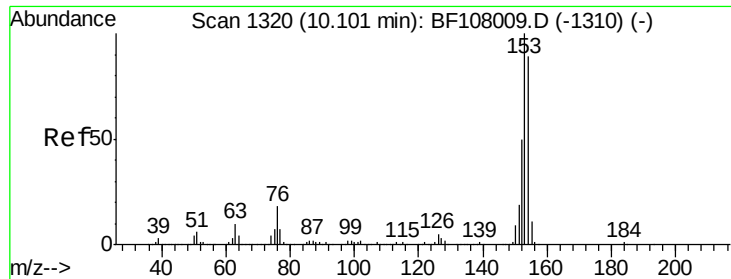
63 67.6 44.7 67.1#

89 63.4 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: 40.149 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

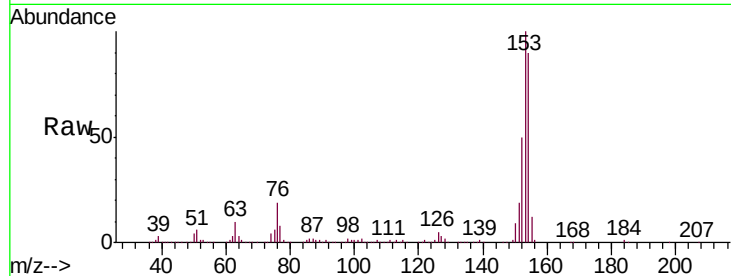
Tgt Ion:154 Resp: 1341411

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

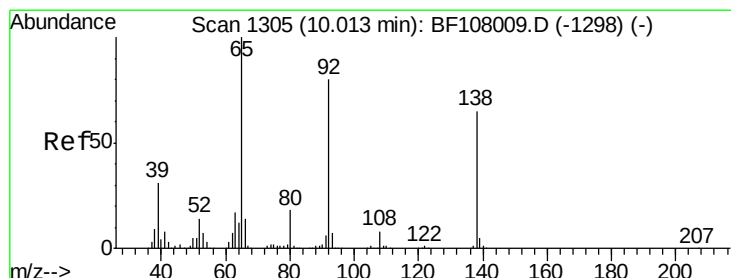
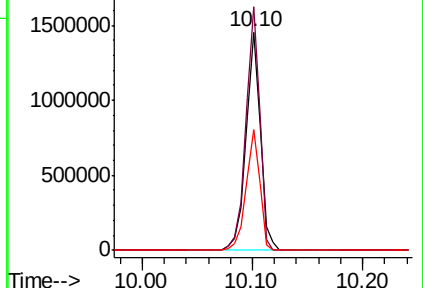
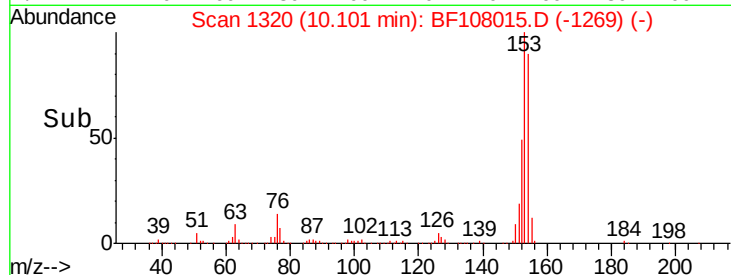
152 55.4 43.8 65.8



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: 42.291 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

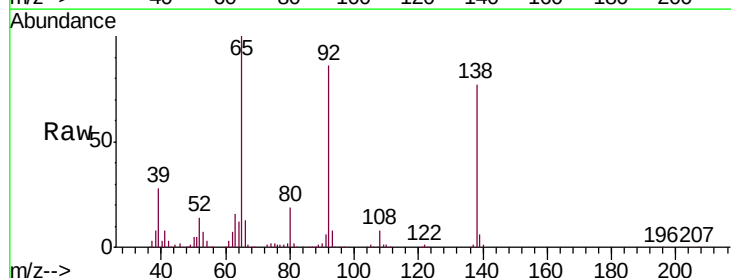
Tgt Ion:138 Resp: 399293

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

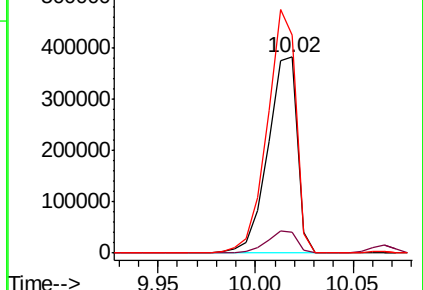
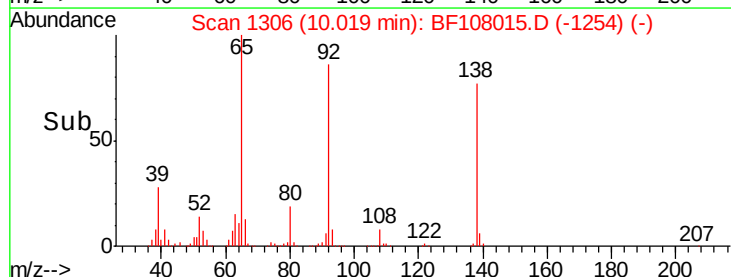
92 111.4 89.4 134.2

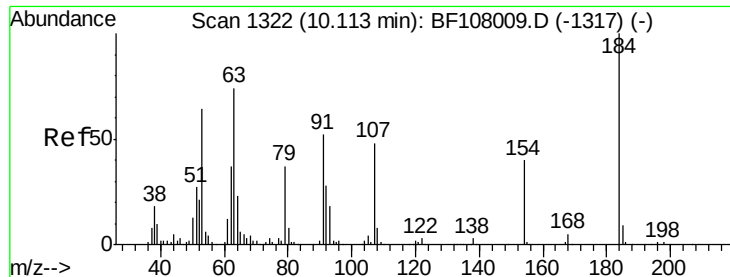


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

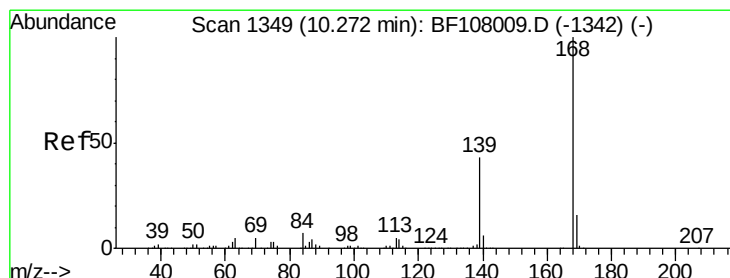
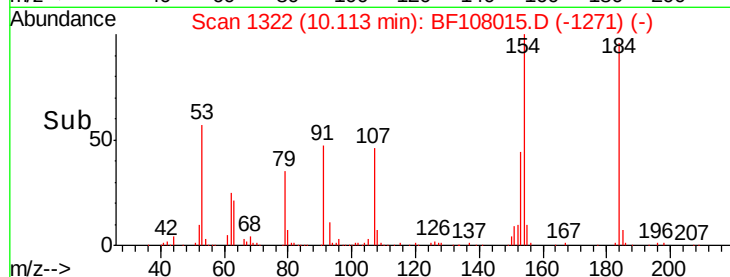
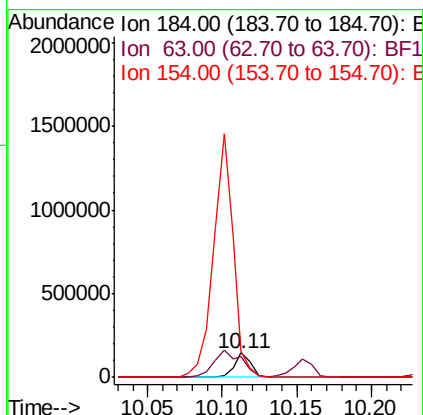
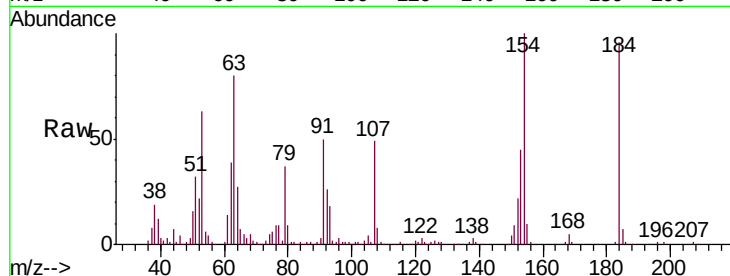




#53
 2,4-Dinitrophenol
 Concen: 40.184 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

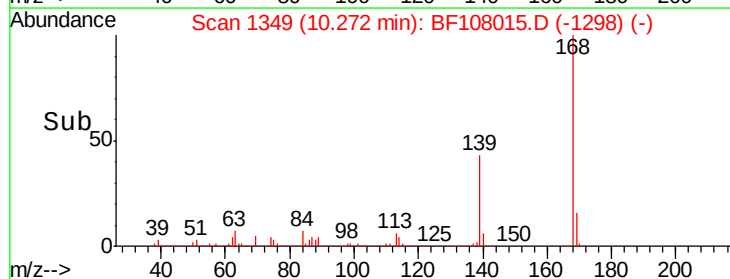
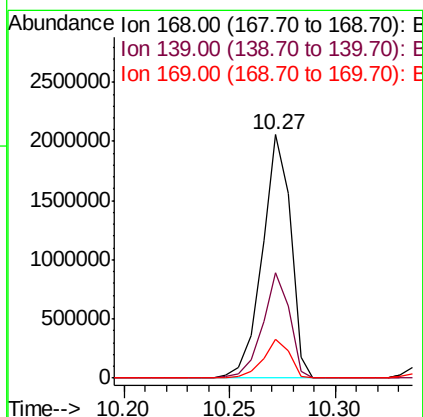
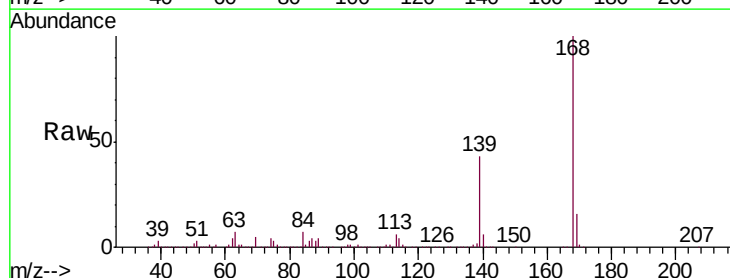
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

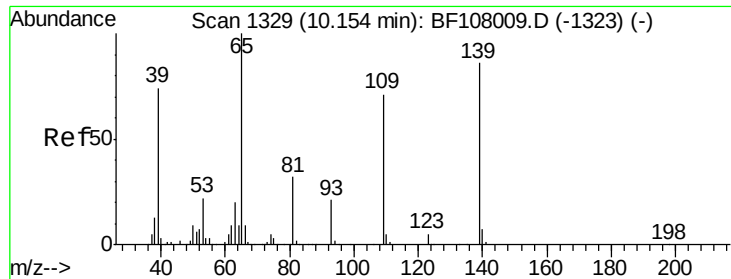
Tgt Ion:184 Resp: 117403
 Ion Ratio Lower Upper
 184 100
 63 84.1 54.2 81.2#
 154 104.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.578 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:168 Resp: 1915778
 Ion Ratio Lower Upper
 168 100
 139 43.3 30.1 45.1
 169 16.0 10.9 16.3

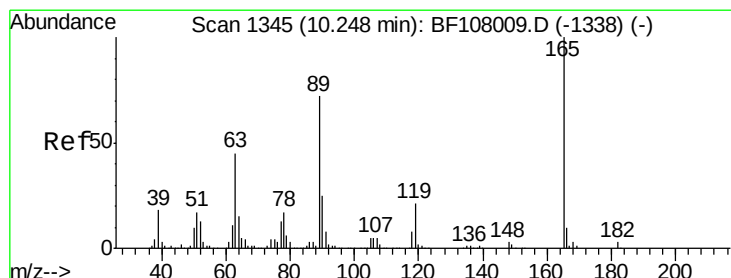
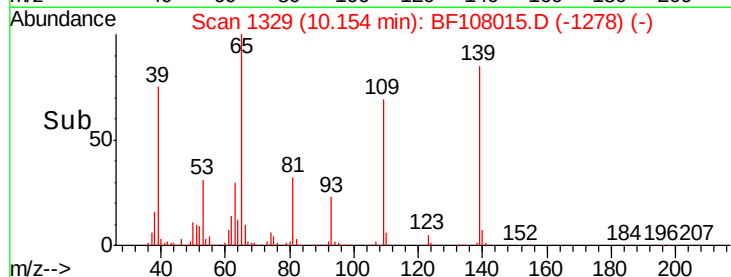
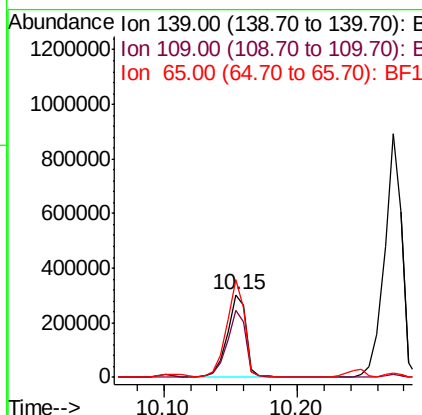
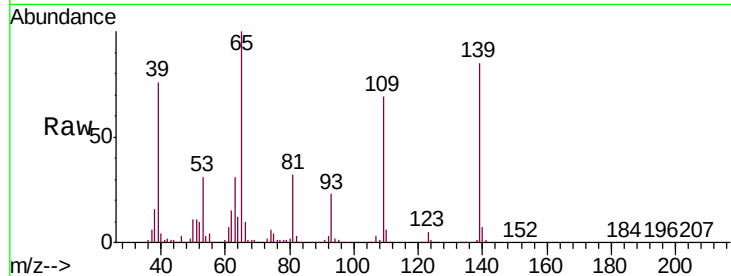




#55
4-Nitrophenol
Concen: 42.375 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

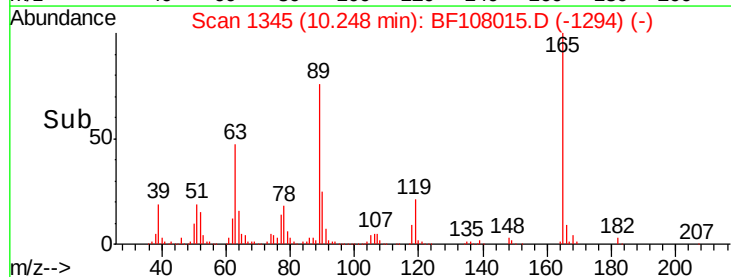
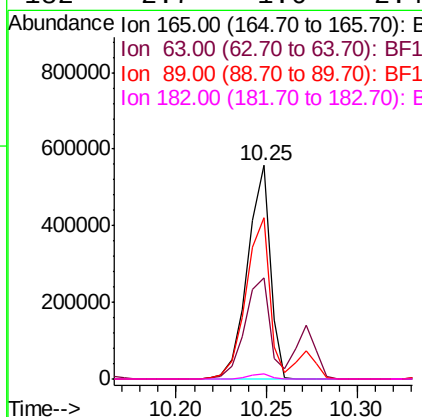
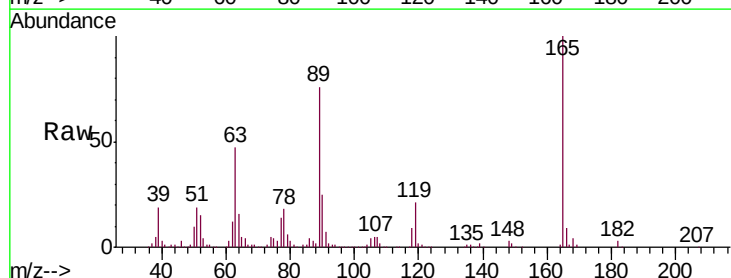
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

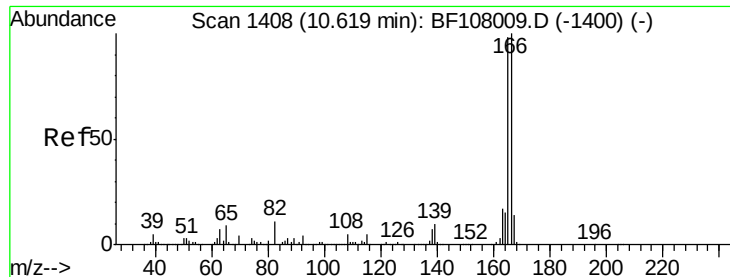
Tgt Ion:139 Resp: 302966
Ion Ratio Lower Upper
139 100
109 80.9 48.4 88.4
65 117.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 43.701 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:165 Resp: 485420
Ion Ratio Lower Upper
165 100
63 47.2 36.4 54.6
89 75.5 57.8 86.6
182 2.7 1.6 2.4#

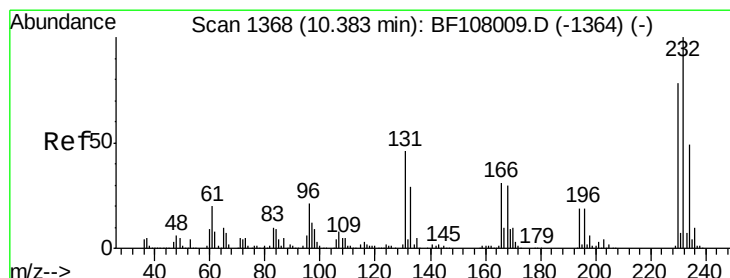
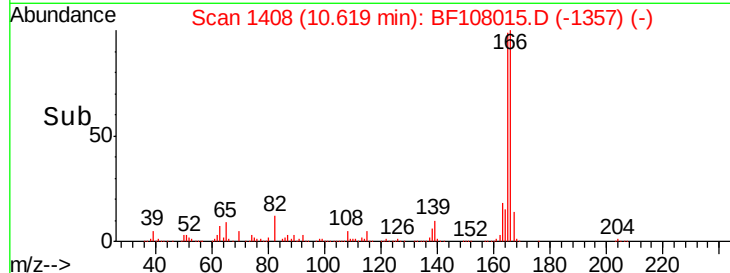
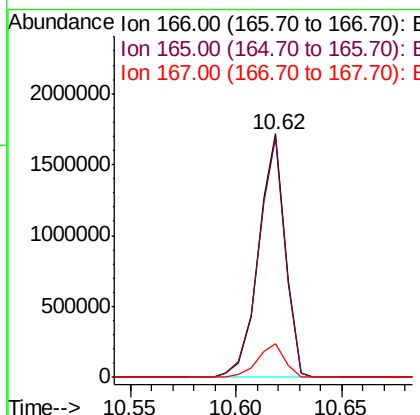
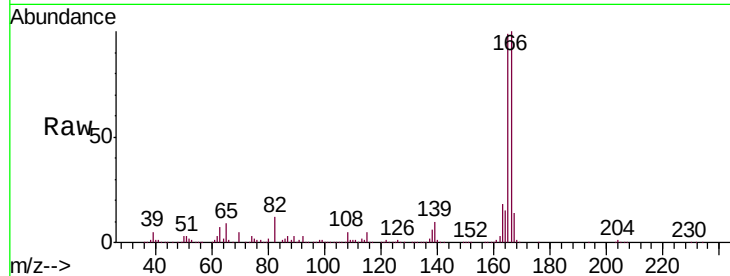




#57
 Fluorene
 Concen: 39.244 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

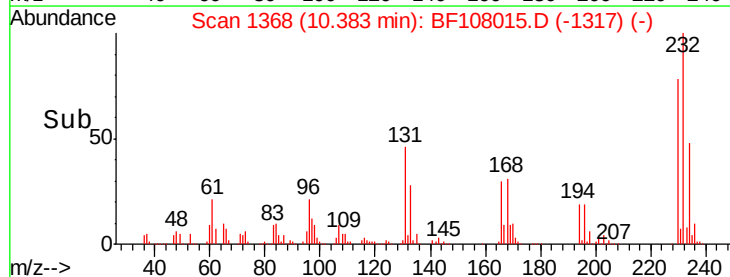
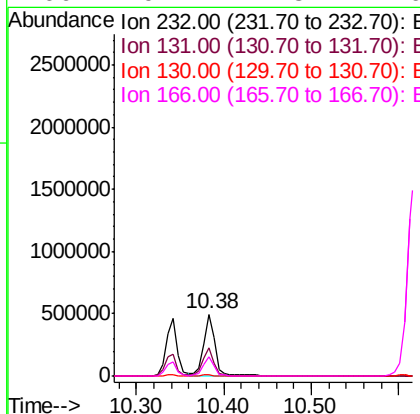
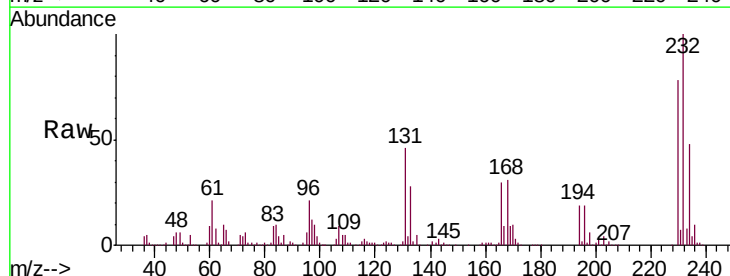
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

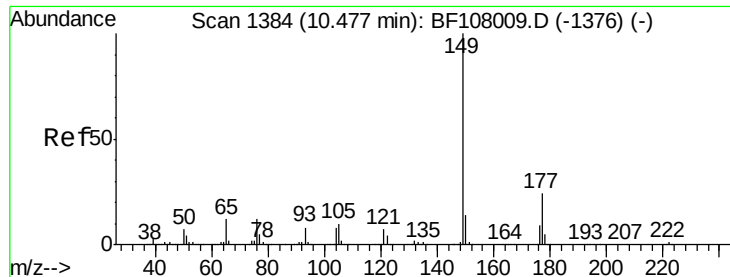
Tgt Ion:166 Resp: 1503778
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.728 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:232 Resp: 453980
 Ion Ratio Lower Upper
 232 100
 131 43.2 43.8 65.8#
 130 2.3 2.1 3.1
 166 29.4 27.8 41.6

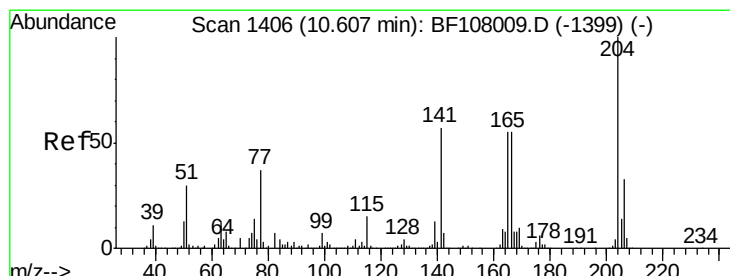
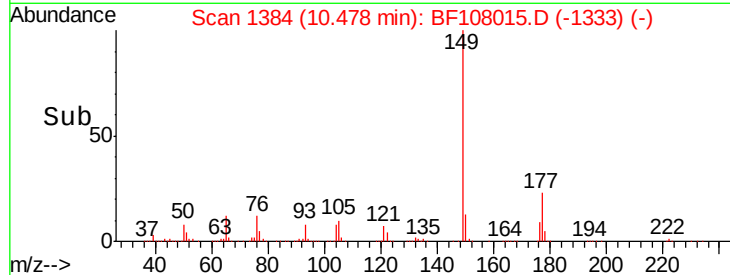
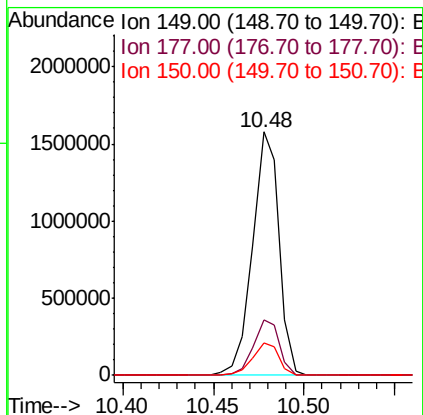
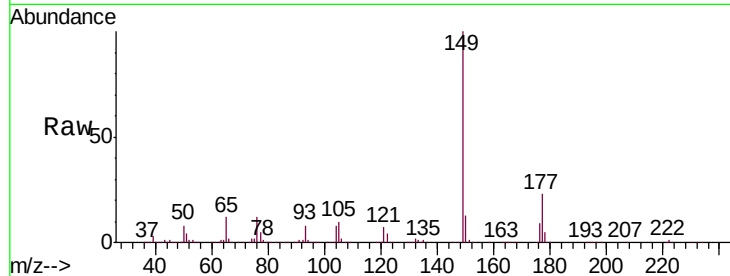




#59
Diethylphthalate
Concen: 40.101 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

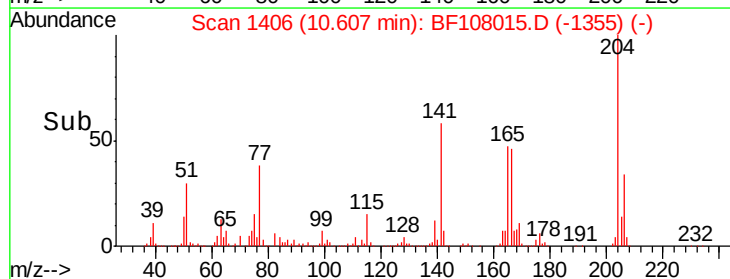
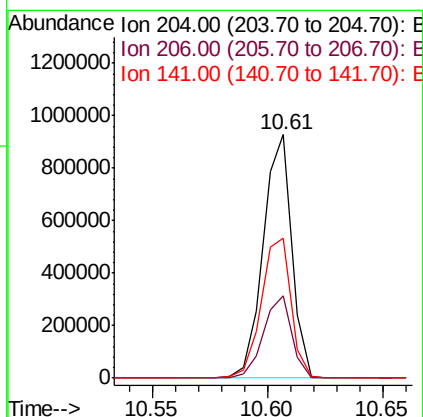
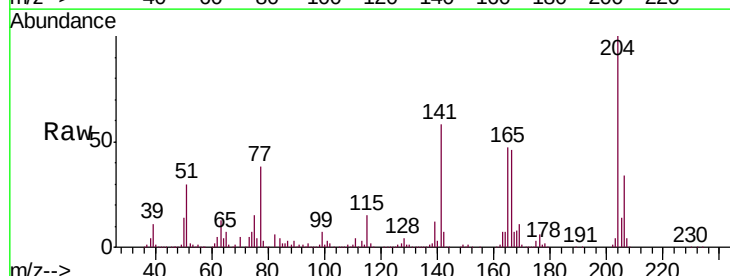
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

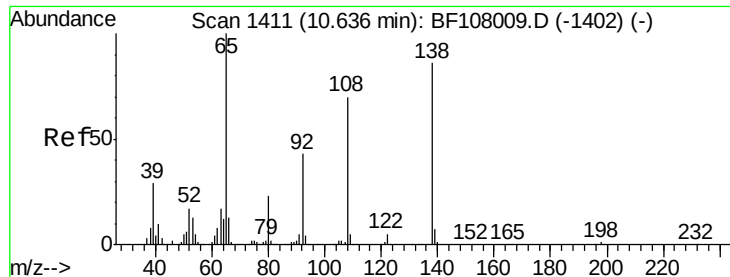
Tgt Ion:149 Resp: 1601628
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 13.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.201 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:204 Resp: 802679
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.7 54.6 81.8

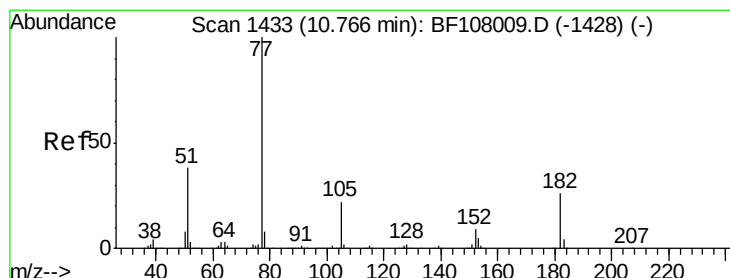
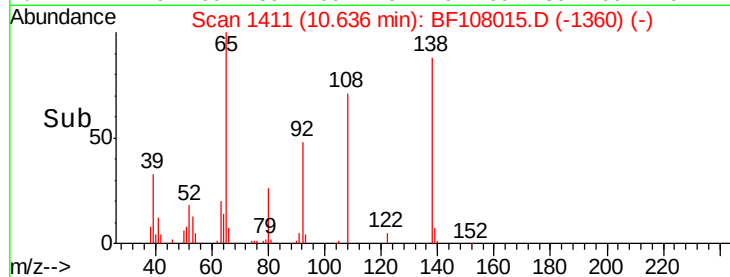
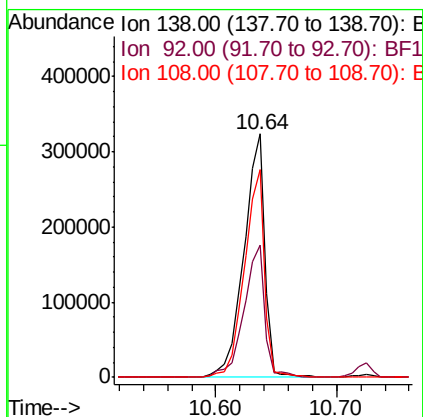
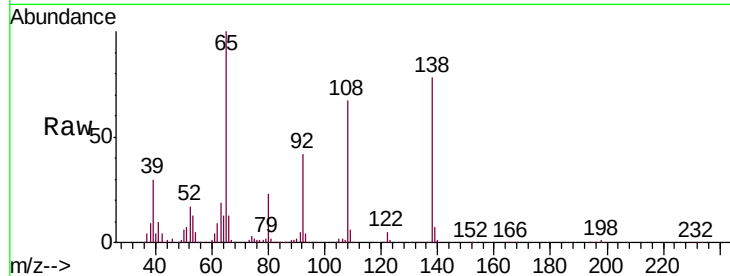




#61
4-Nitroaniline
Concen: 41.952 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

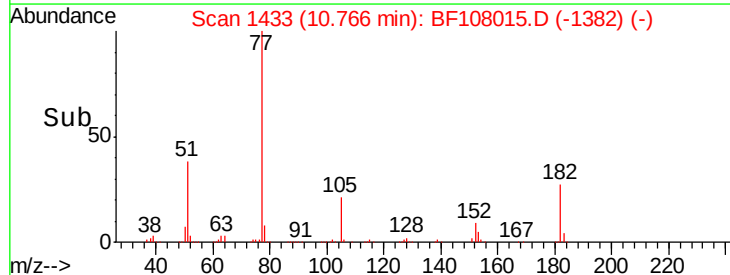
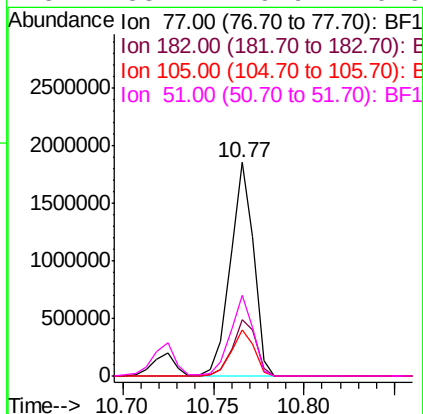
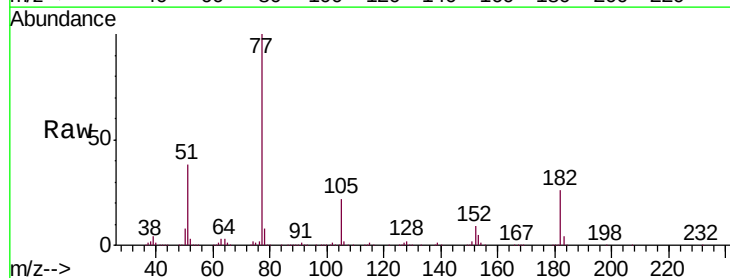
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

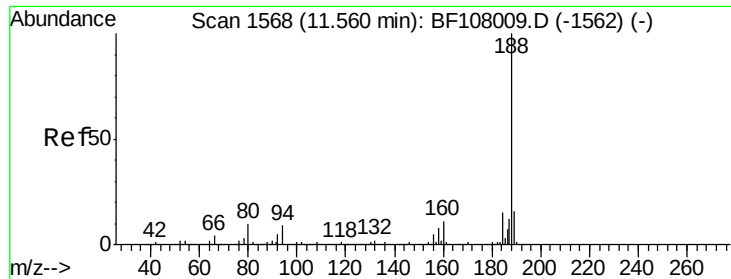
Tgt Ion: 138 Resp: 391613
Ion Ratio Lower Upper
138 100
92 54.1 30.2 70.2
108 85.5 52.5 92.5



#62
Azobenzene
Concen: 40.073 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion: 77 Resp: 1652895
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 21.8 3.0 43.0
51 38.1 9.9 49.9

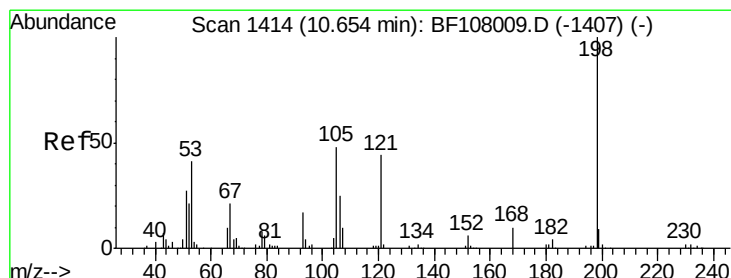
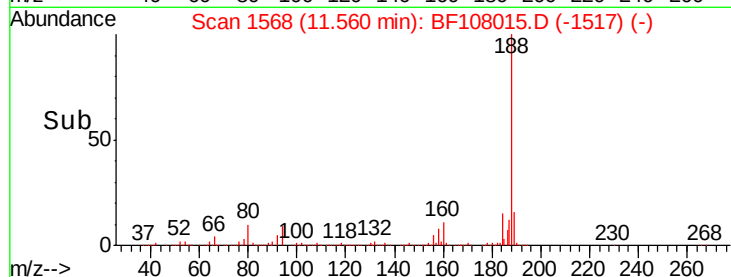
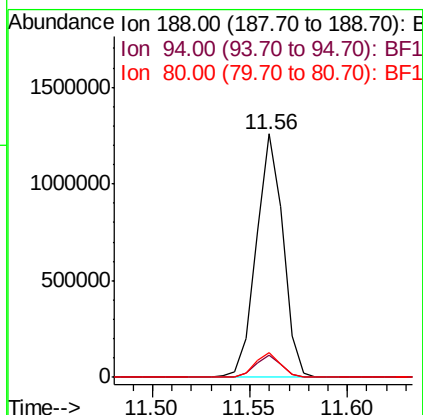
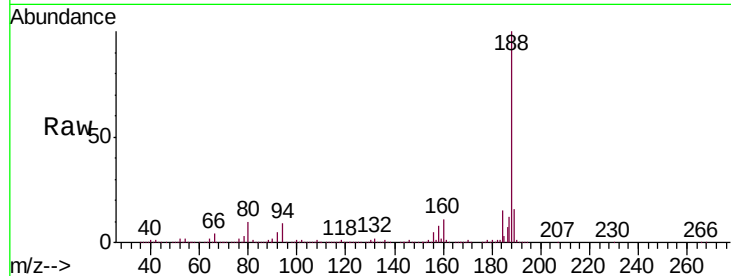




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

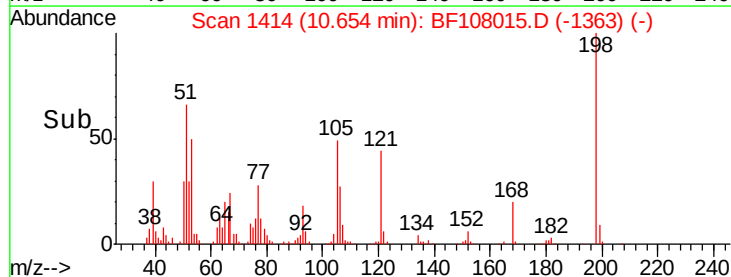
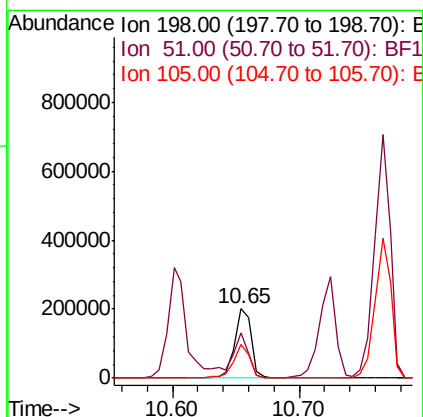
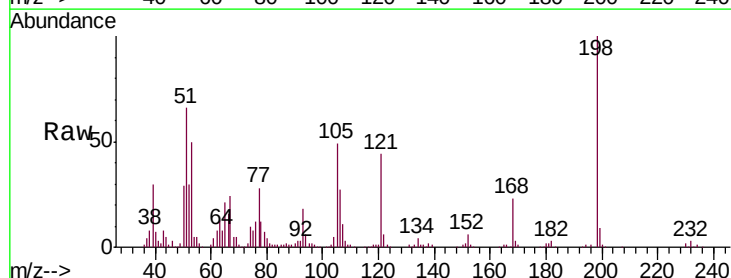
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

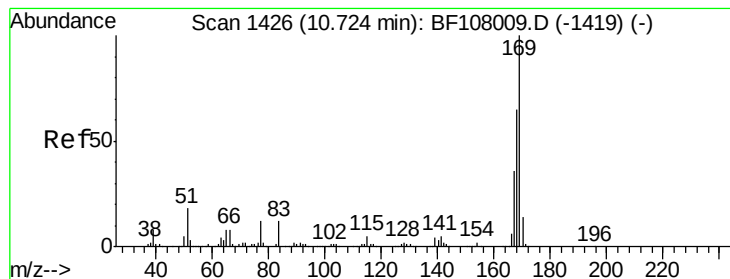
Tgt Ion:188 Resp: 1186411
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.827 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:198 Resp: 177837
Ion Ratio Lower Upper
198 100
51 65.9 37.7 77.7
105 49.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.152 ng

RT: 10.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

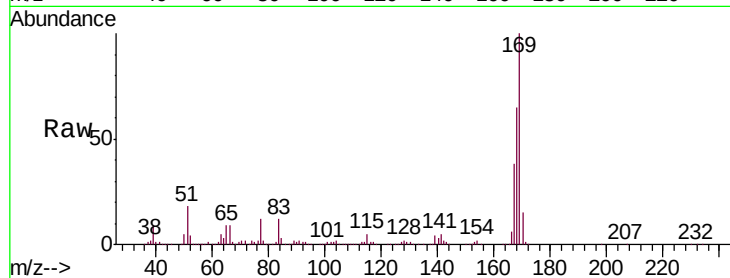
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1407707

Ion	Ratio	Lower	Upper
169	100		
168	65.4	54.4	81.6
167	37.8	29.8	44.6

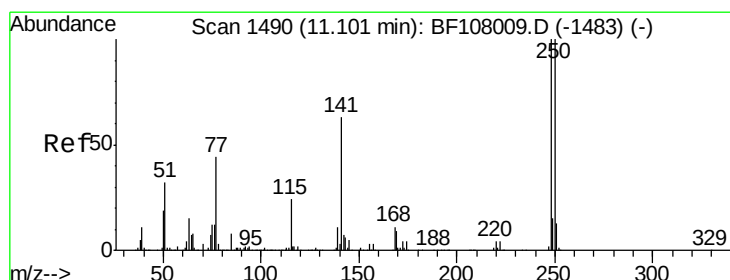
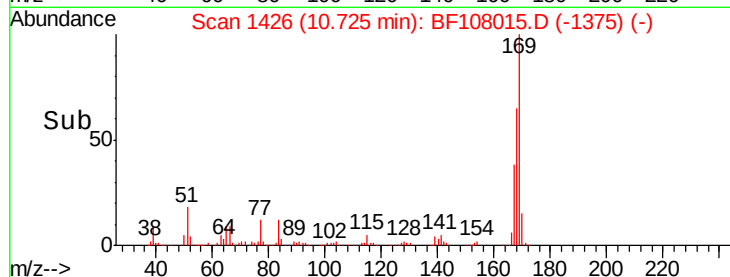


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.573 ng

RT: 11.10 min Scan# 1490

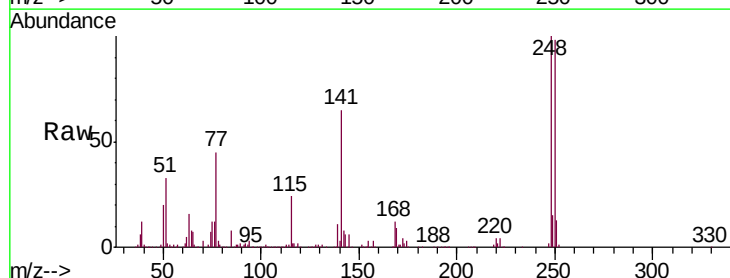
Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Tgt Ion:248 Resp: 523115

Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	65.2	74.4	111.6

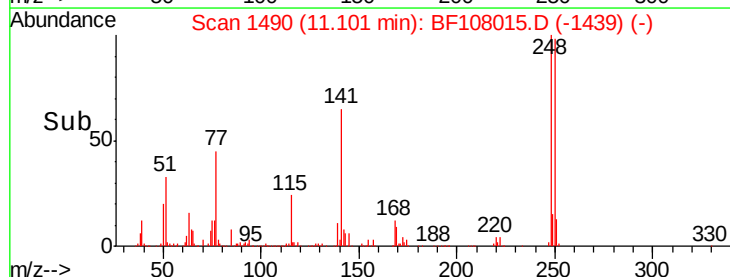


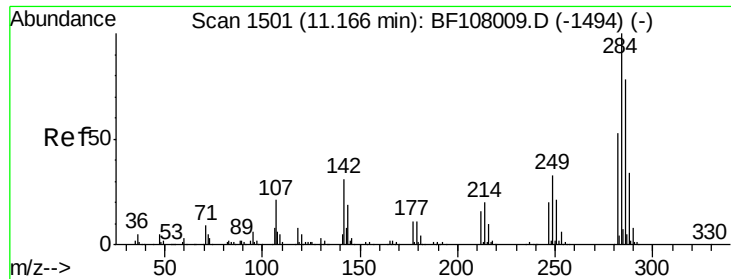
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.647 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

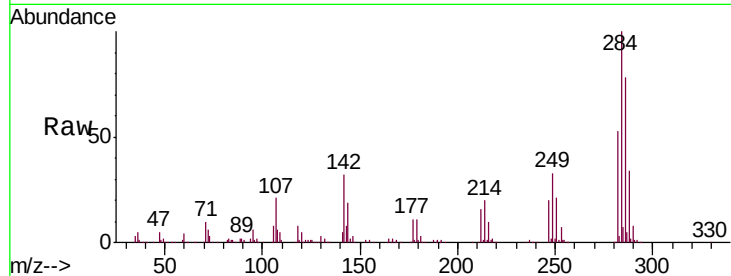
Tgt Ion:284 Resp: 551402

Ion Ratio Lower Upper

284 100

142 31.6 34.6 52.0#

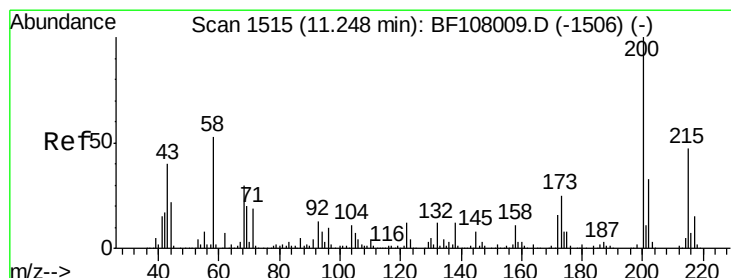
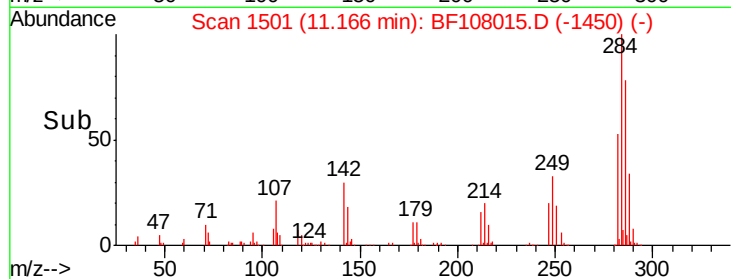
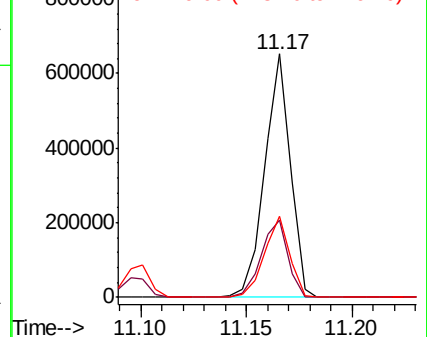
249 33.3 24.8 37.2



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: 41.028 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

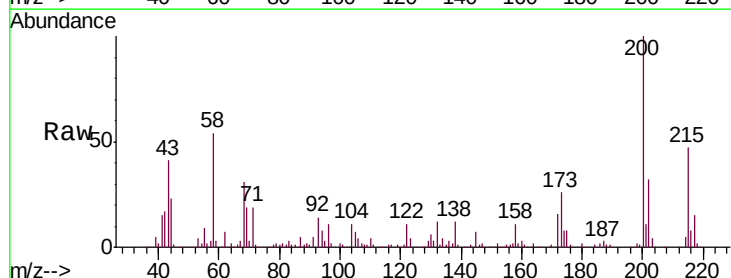
Tgt Ion:200 Resp: 482455

Ion Ratio Lower Upper

200 100

173 26.4 8.6 48.6

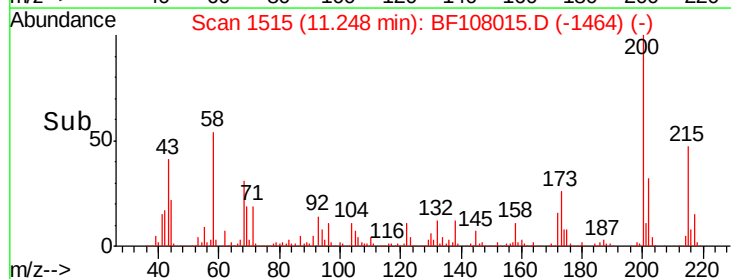
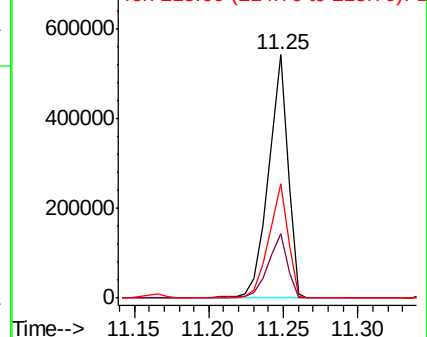
215 47.0 25.1 65.1

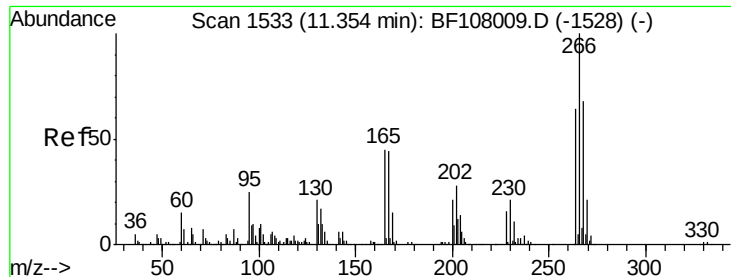


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

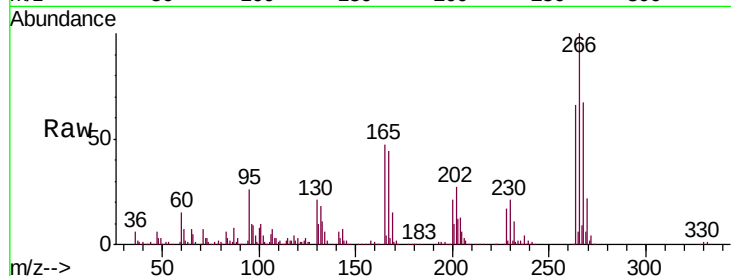




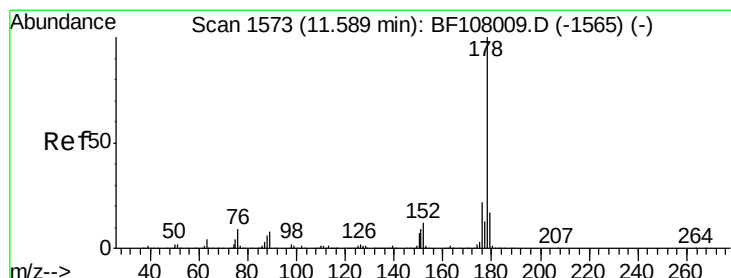
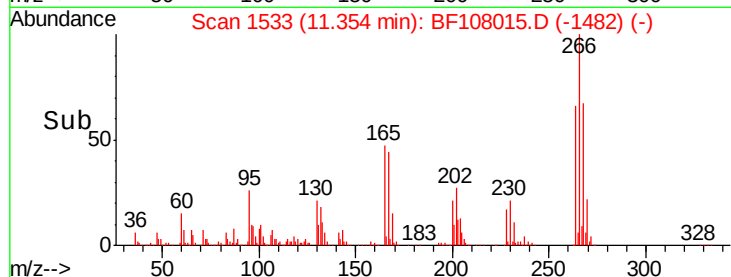
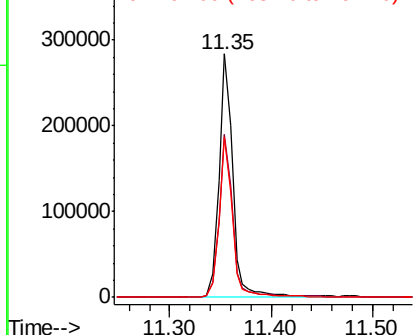
#69
 Pentachlorophenol
 Concen: 41.658 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 270487
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 66.0 49.5 74.3

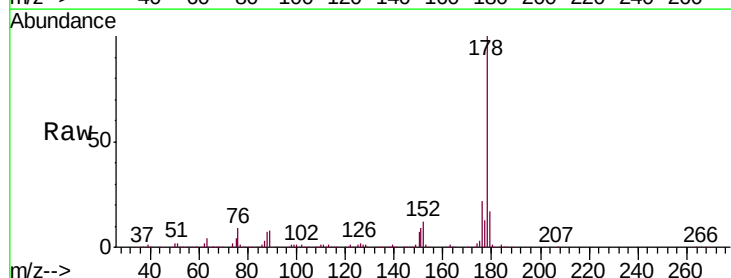


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

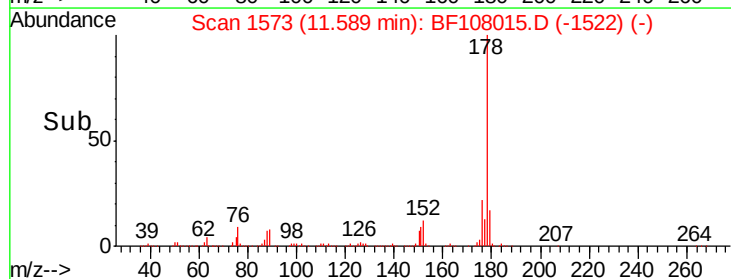
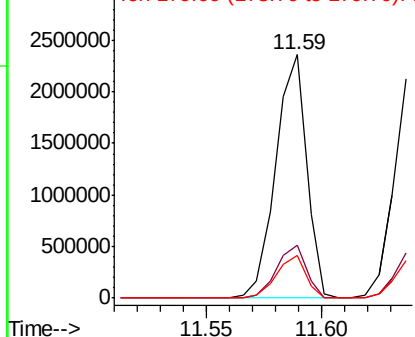


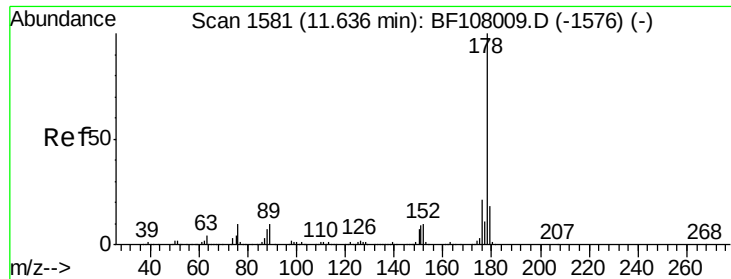
#70
 Phenanthrene
 Concen: 39.104 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion: 178 Resp: 2188224
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.8 23.8
 179 17.3 13.0 19.6



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

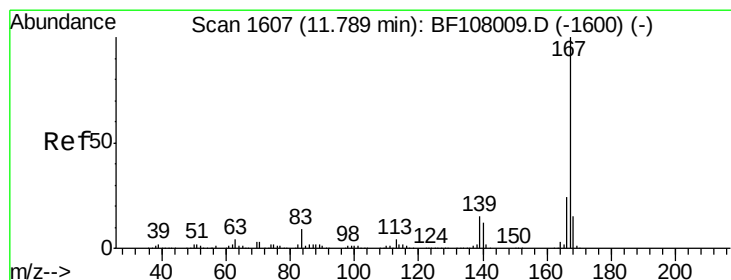
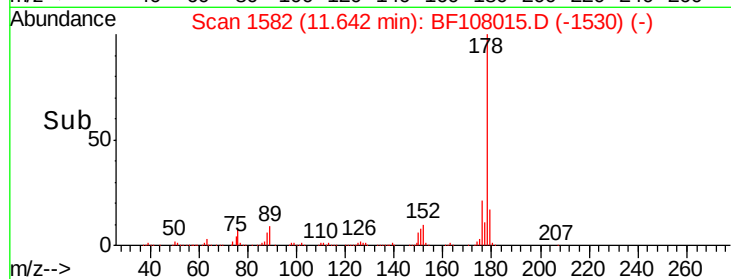
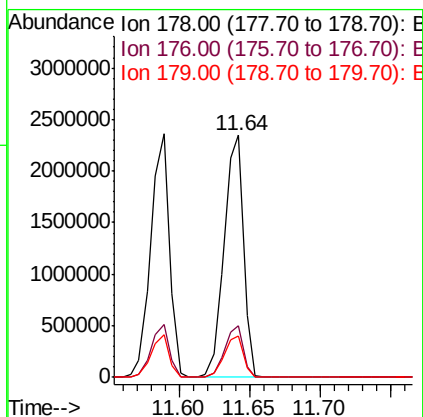
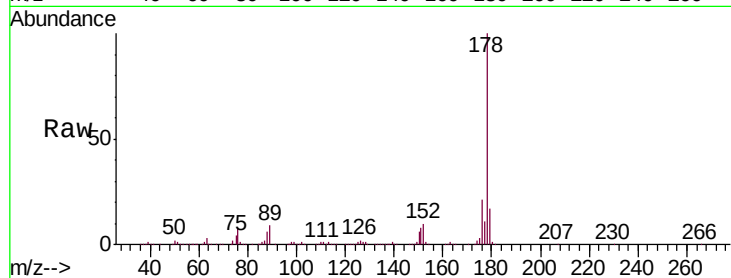




#71
 Anthracene
 Concen: 39.207 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

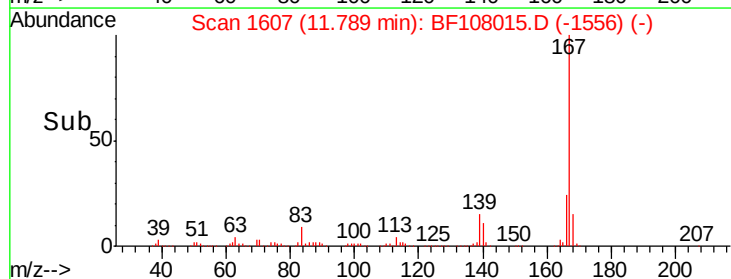
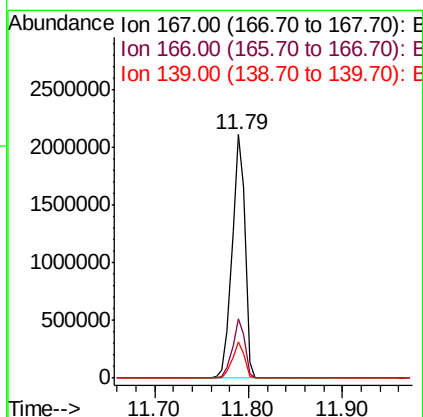
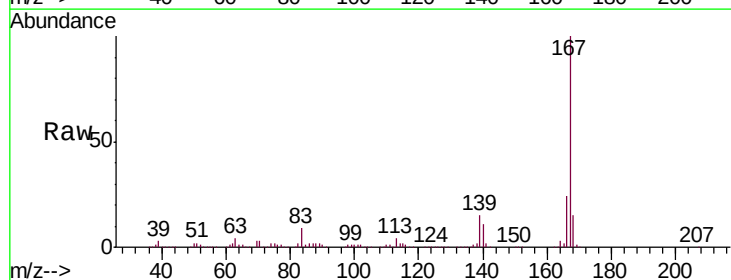
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

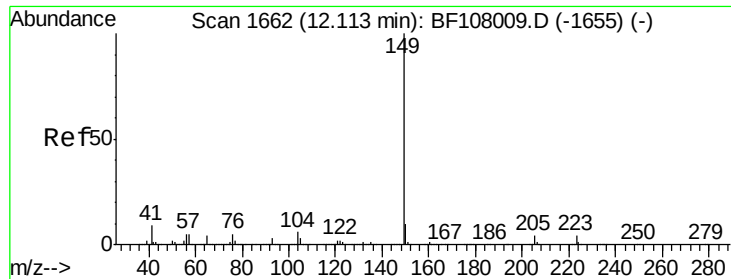
Tgt Ion:178 Resp: 2248652
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.4 23.2
 179 17.3 12.6 19.0



#72
 Carbazole
 Concen: 39.365 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:167 Resp: 2005953
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.6 26.4
 139 14.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.952 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

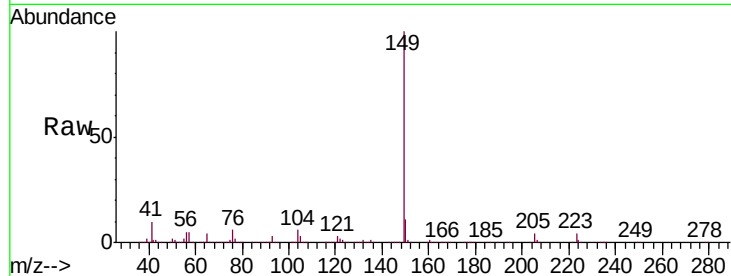
Tgt Ion:149 Resp: 2305962

Ion Ratio Lower Upper

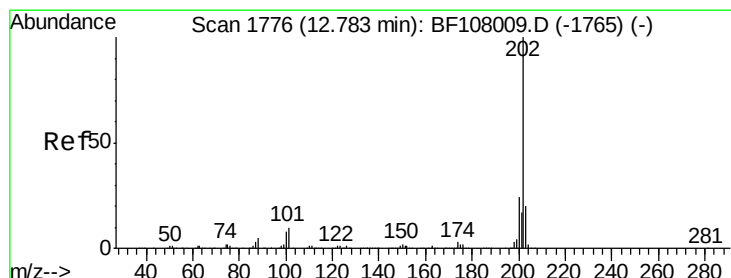
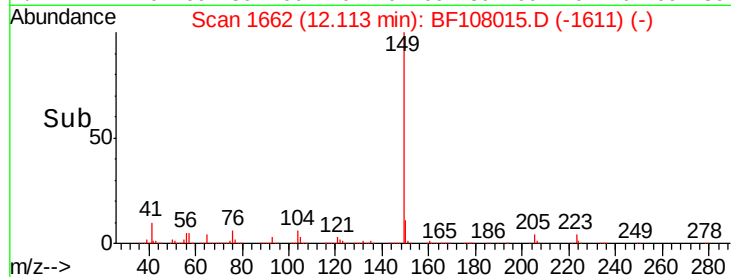
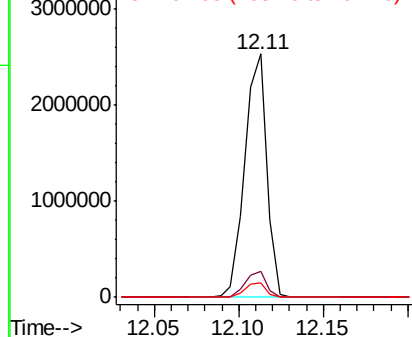
149 100

150 10.9 7.8 11.6

104 6.0 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: 38.866 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

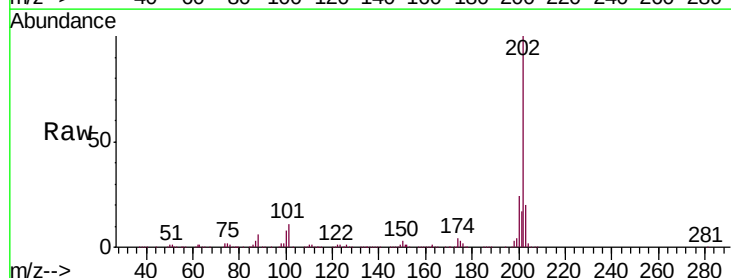
Tgt Ion:202 Resp: 2373608

Ion Ratio Lower Upper

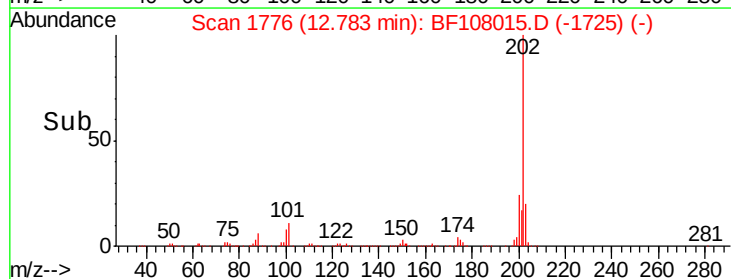
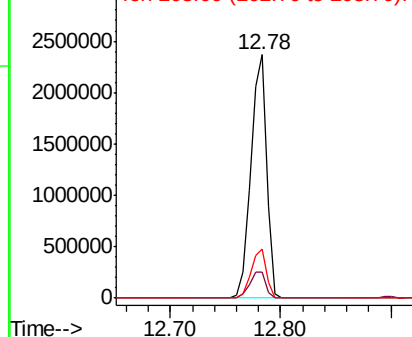
202 100

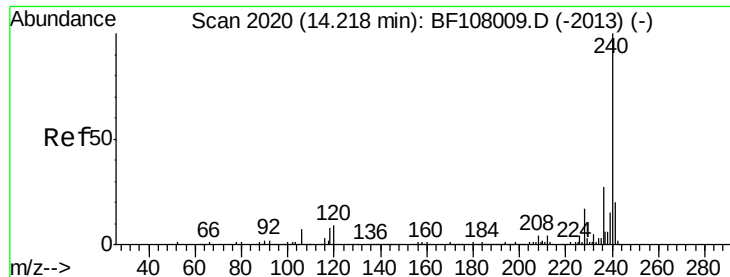
101 10.7 0.0 34.1

203 20.1 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

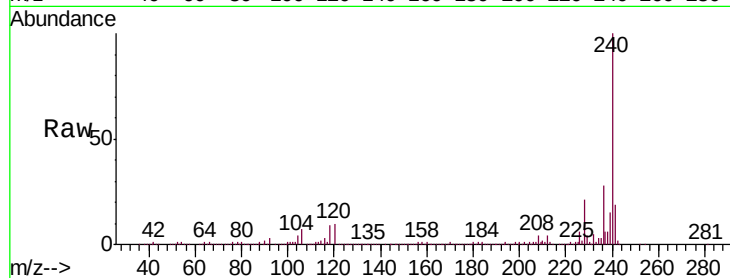
Tgt Ion:240 Resp: 923866

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

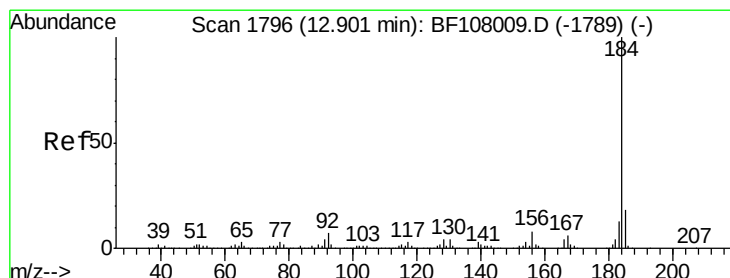
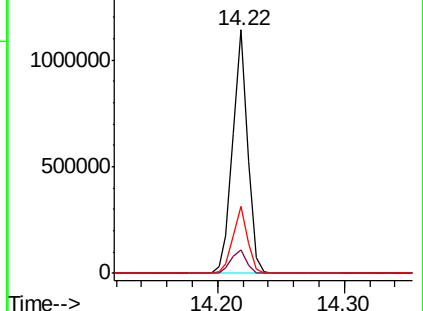
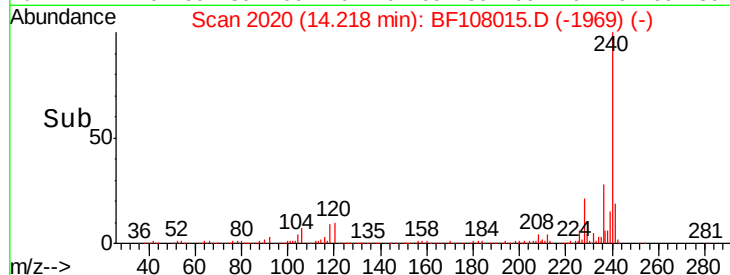
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.406 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

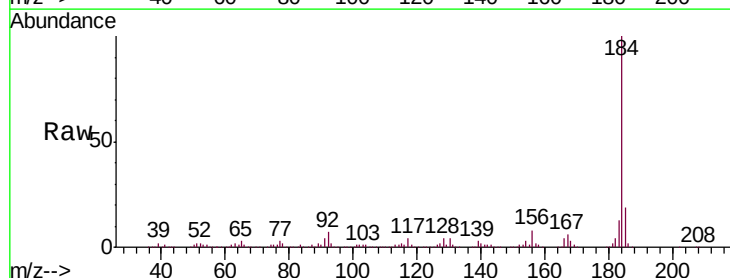
Tgt Ion:184 Resp: 1463760

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

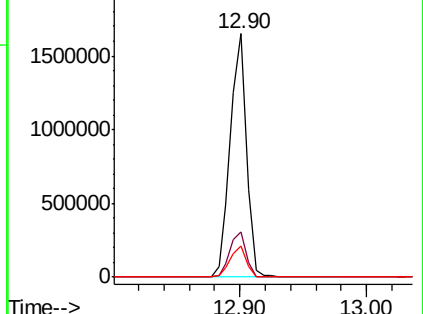
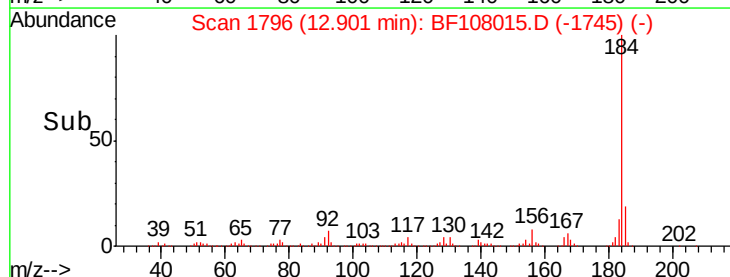
183 12.9 9.3 13.9

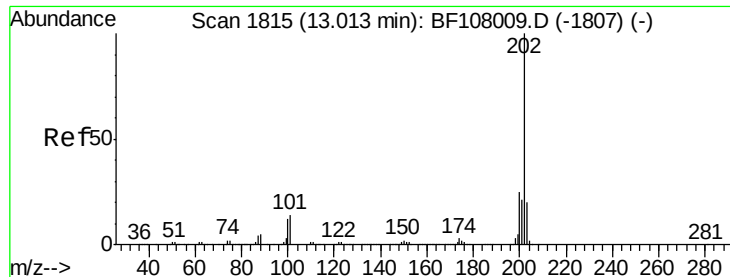


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



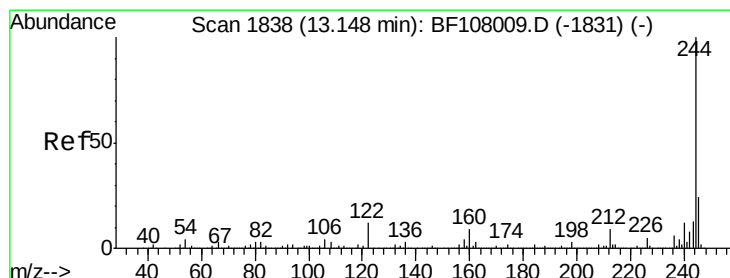
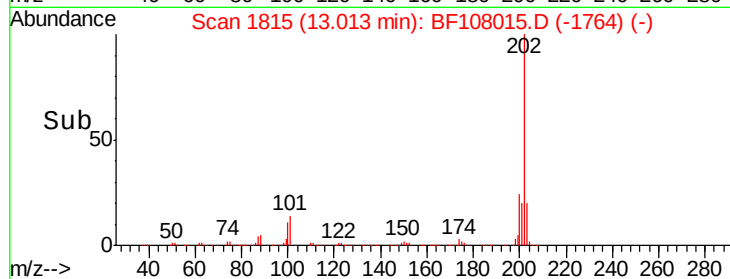
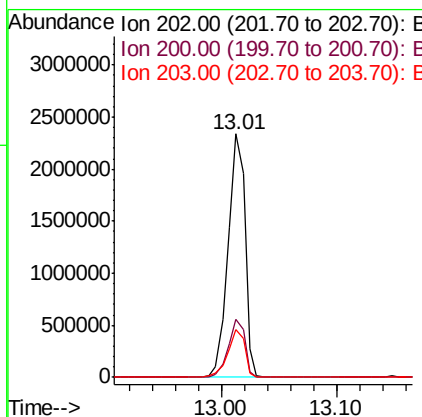
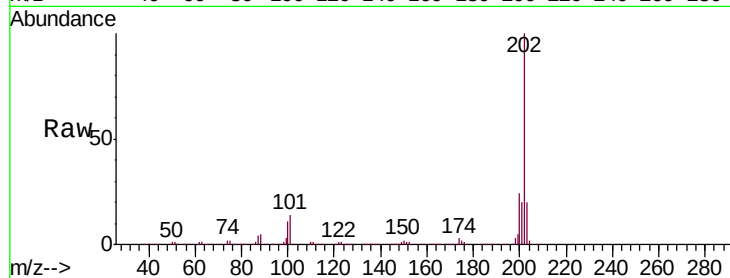


#77
 Pyrene
 Concen: 40.591 ng
 RT: 13.01 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 2374163

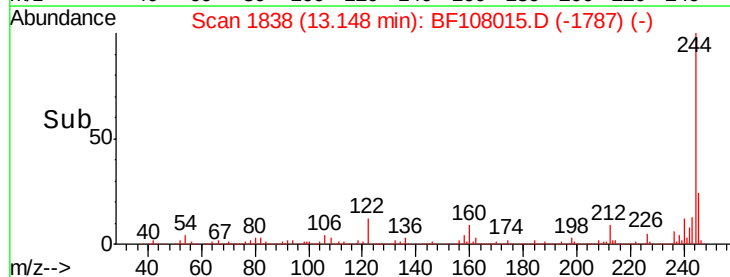
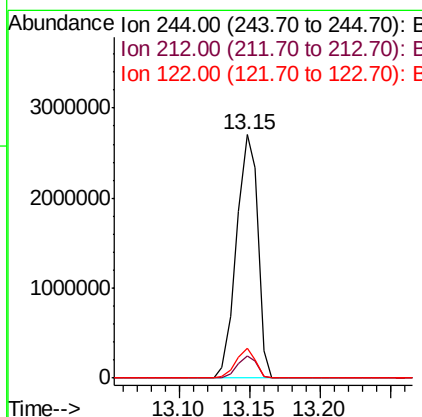
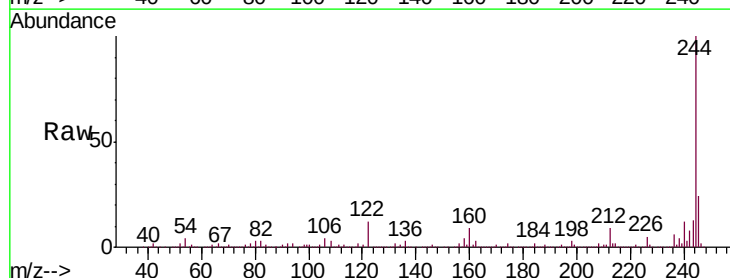
Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.4	26.2
203	19.8	14.3	21.5

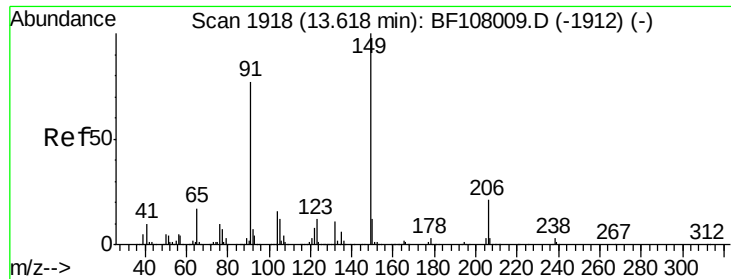


#78
 Terphenyl-d14
 Concen: 78.168 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion: 244 Resp: 2840295

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.4	8.0#
122	12.3	11.0	16.4





#79

Butylbenzylphthalate

Concen: 43.264 ng

RT: 13.62 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

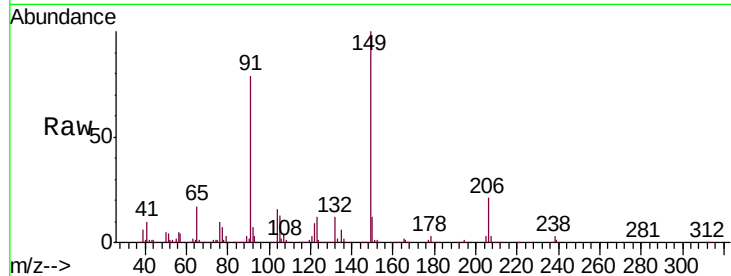
Tgt Ion:149 Resp: 1004828

Ion Ratio Lower Upper

149 100

91 78.6 56.8 85.2

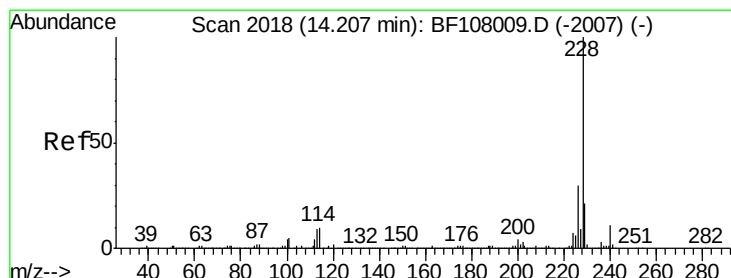
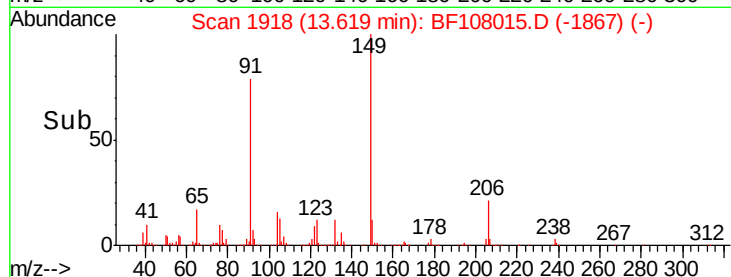
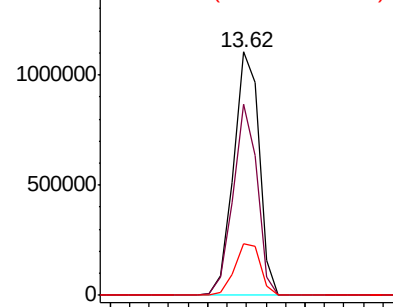
206 21.3 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.795 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

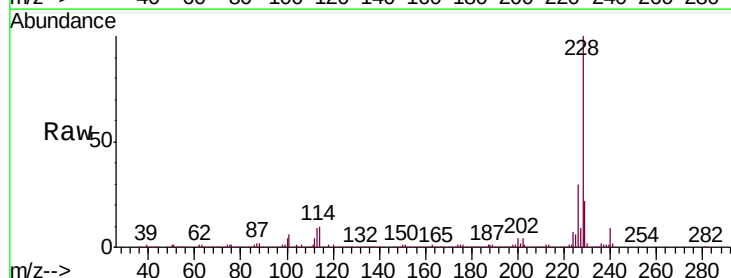
Tgt Ion:228 Resp: 2109962

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

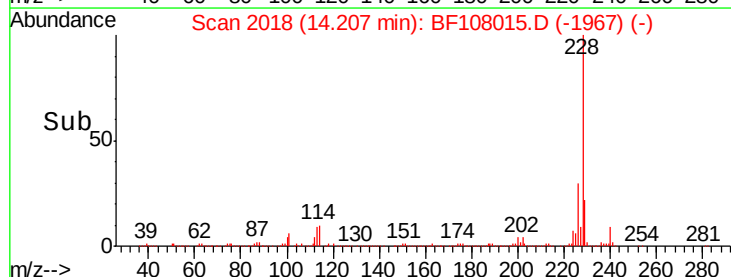
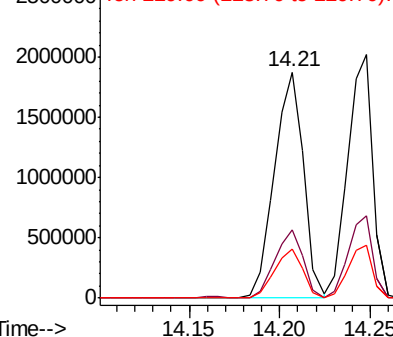
229 21.7 15.8 23.6

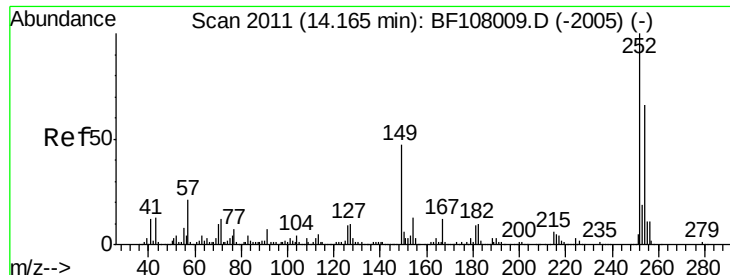


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 41.551 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

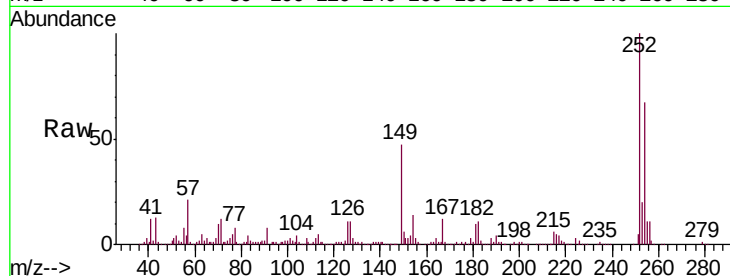
Tgt Ion:252 Resp: 789517

Ion Ratio Lower Upper

252 100

254 66.6 50.4 75.6

126 10.7 11.3 16.9#

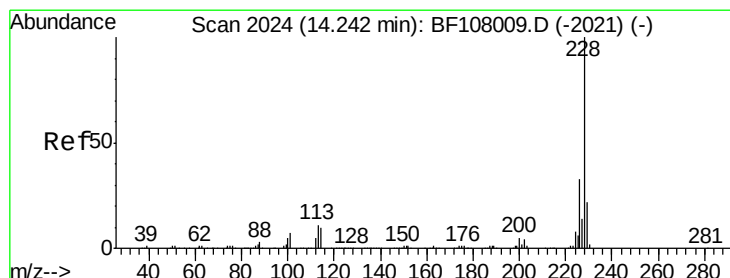
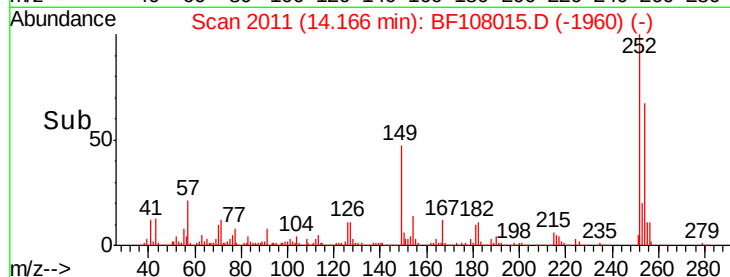
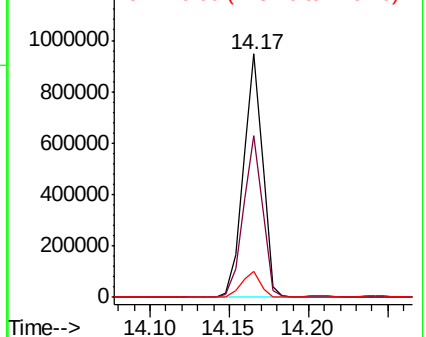


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.801 ng

RT: 14.25 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

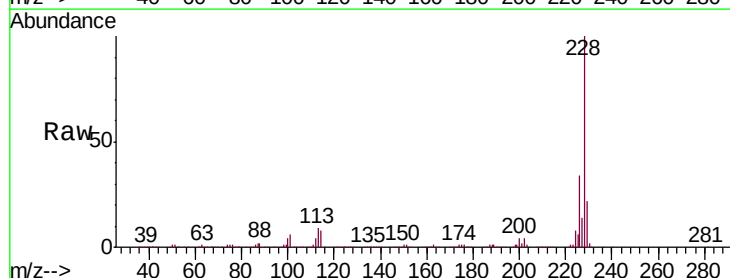
Tgt Ion:228 Resp: 1934687

Ion Ratio Lower Upper

228 100

226 34.0 25.0 37.6

229 21.8 16.2 24.4

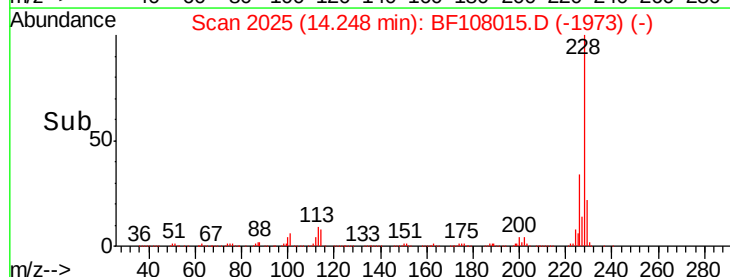
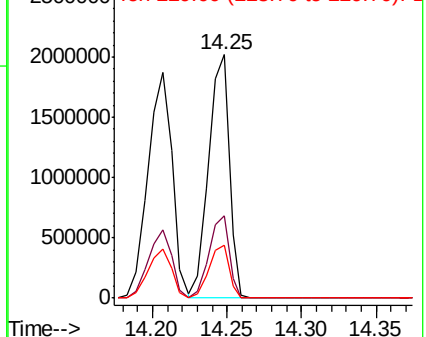


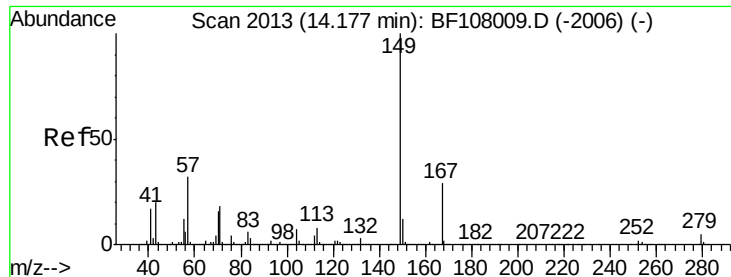
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

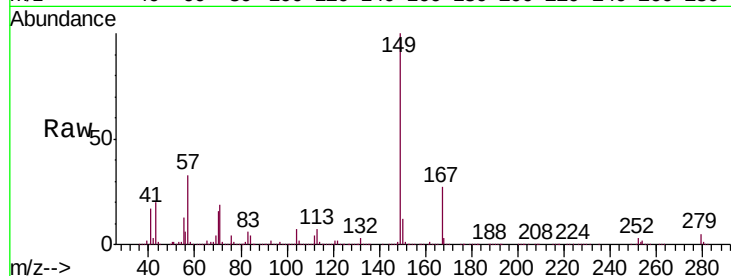




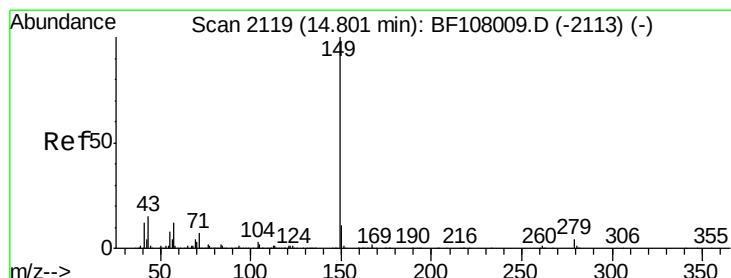
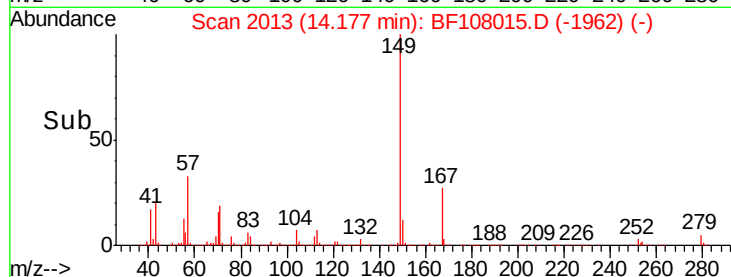
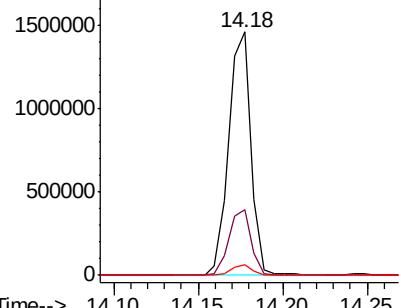
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.686 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1342561
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 4.6 3.0 4.4#

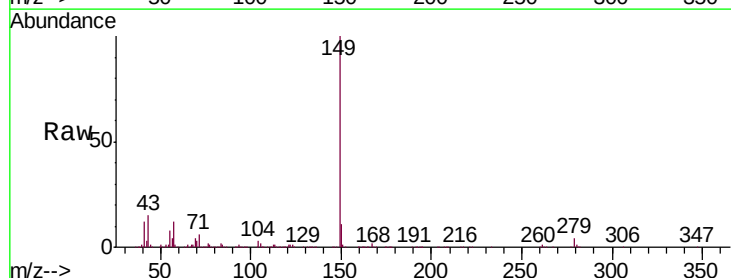


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

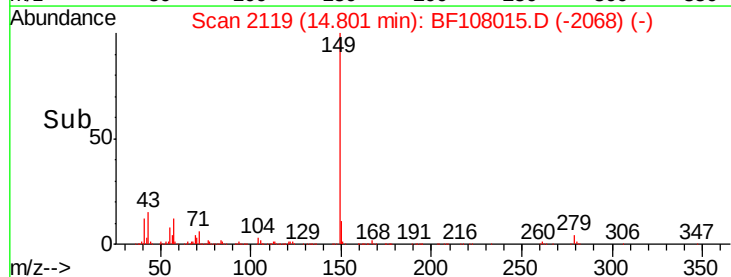
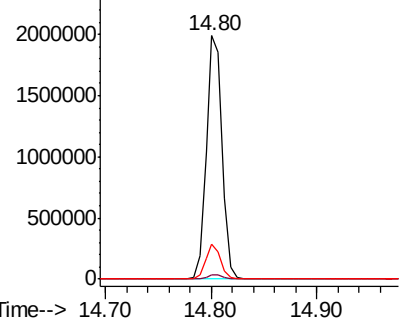


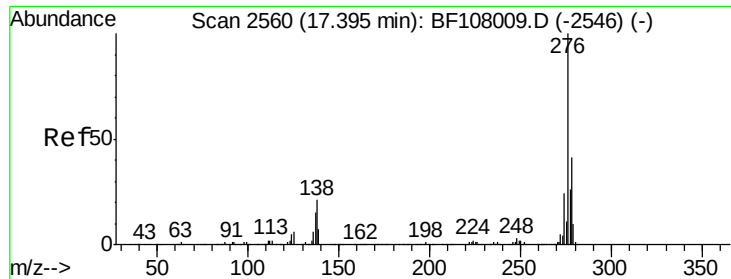
#84
 Di-n-octyl phthalate
 Concen: 43.431 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion:149 Resp: 2083234
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

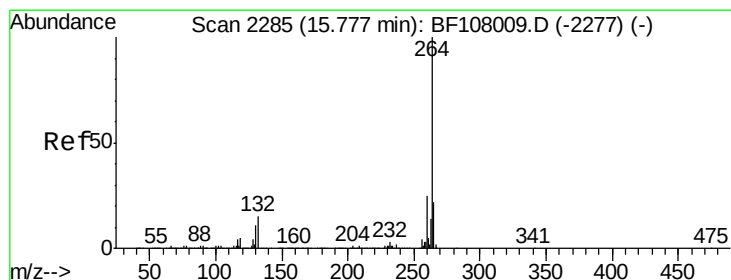
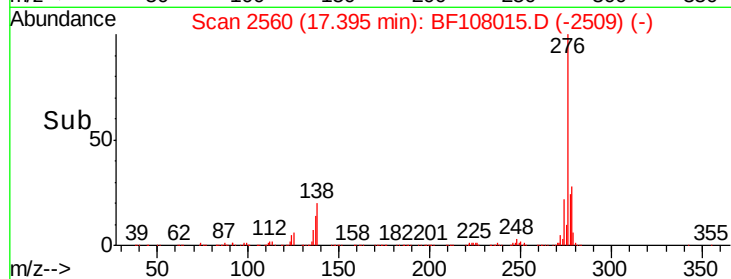
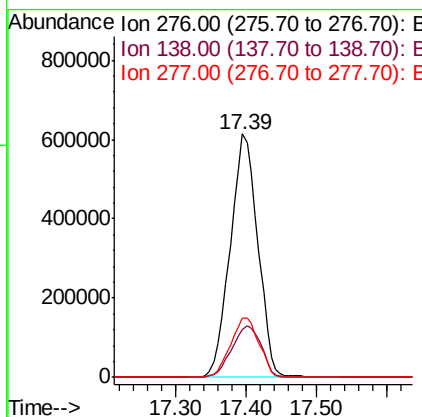
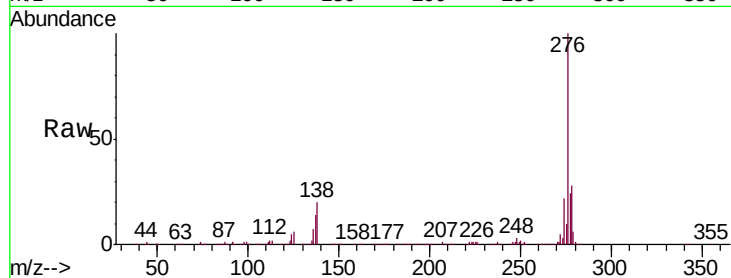




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.587 ng
 RT: 17.39 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

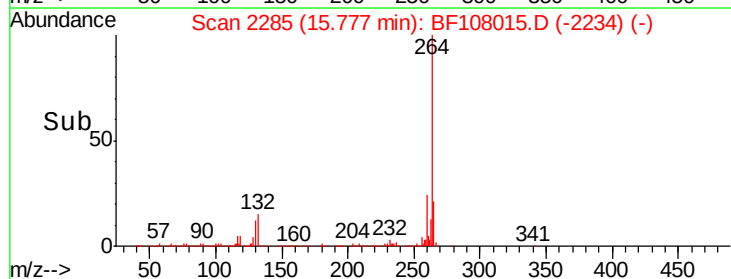
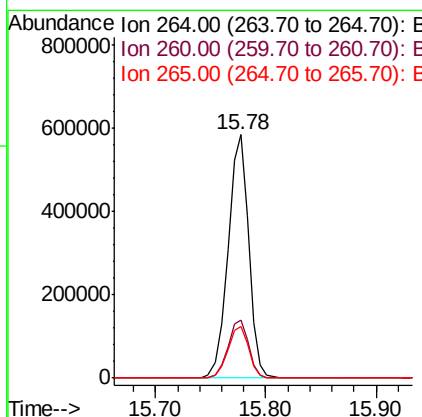
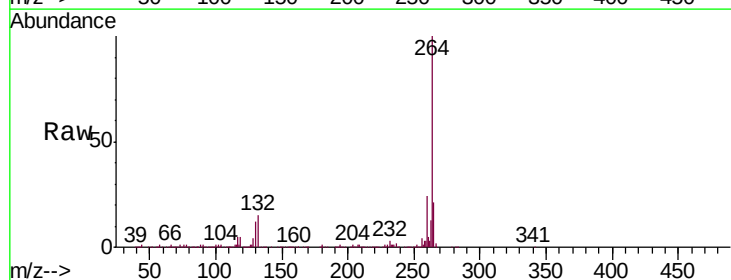
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

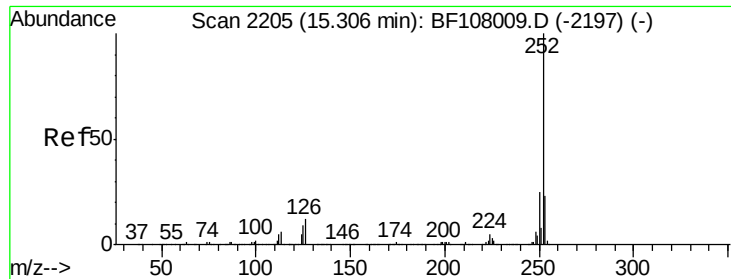
Tgt Ion: 276 Resp: 1667314
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.0 37.6#
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Tgt Ion: 264 Resp: 764756
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 17.5 26.3

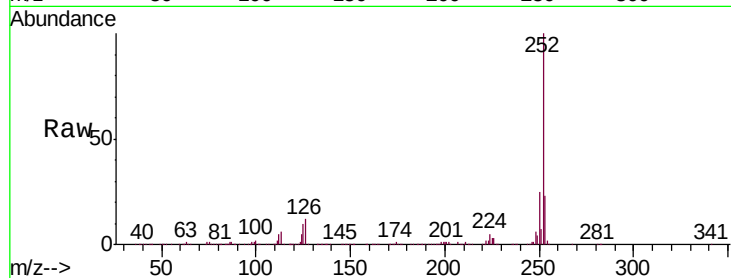




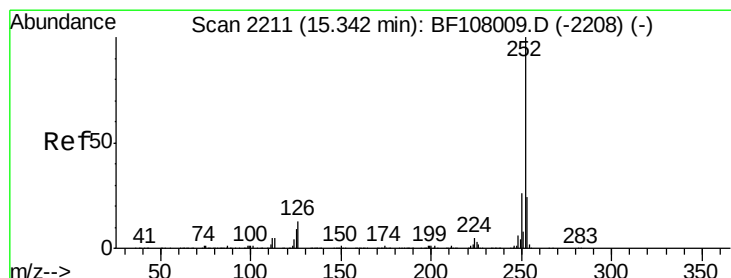
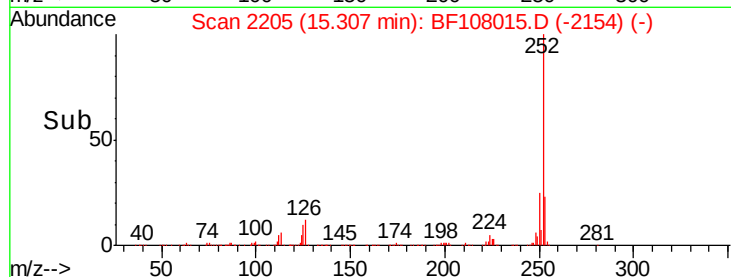
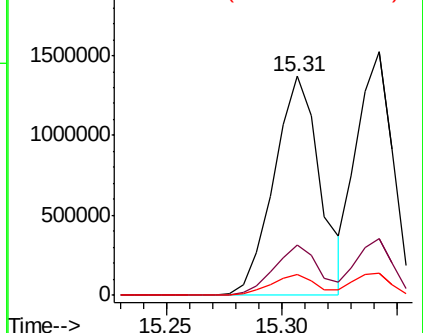
#87
Benzo(b)fluoranthene
Concen: 41.650 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1903280
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.6 9.0 13.6

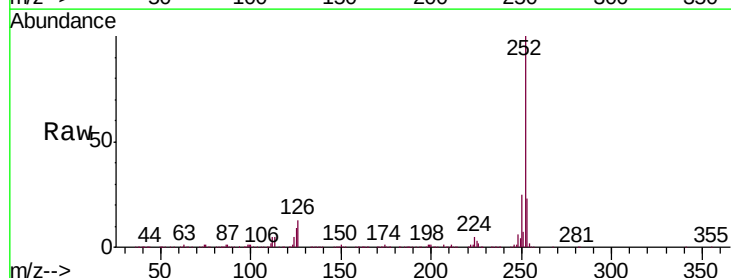


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

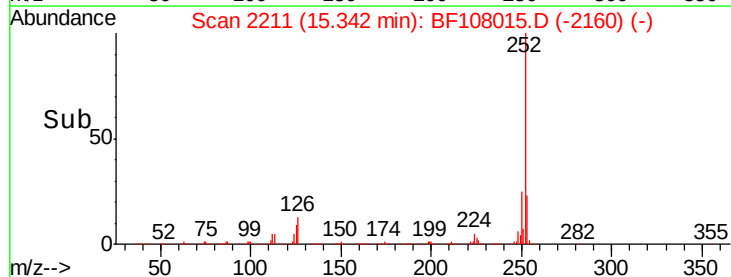
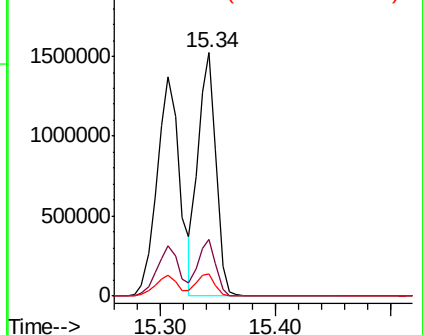


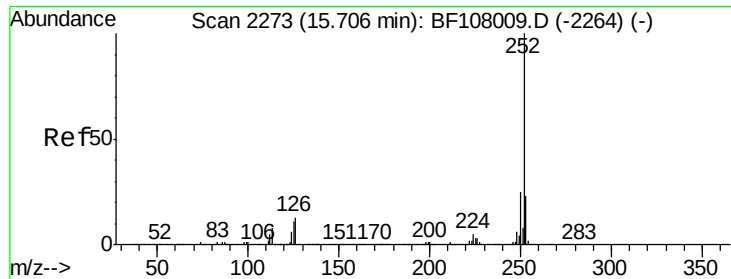
#88
Benzo(k)fluoranthene
Concen: 39.620 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108015.D
Acq: 8 Aug 2018 13:13

Tgt Ion:252 Resp: 1664308
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 9.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.485 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

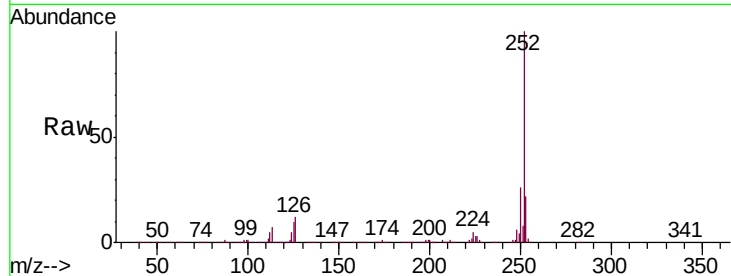
Tgt Ion:252 Resp: 1656675

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

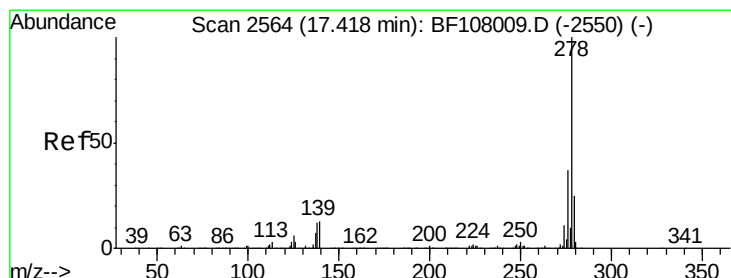
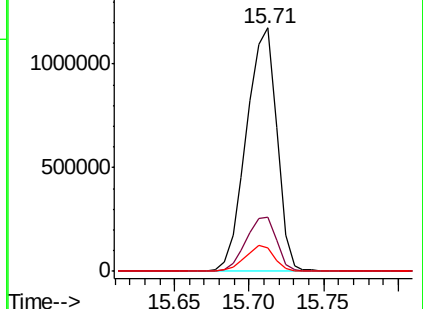
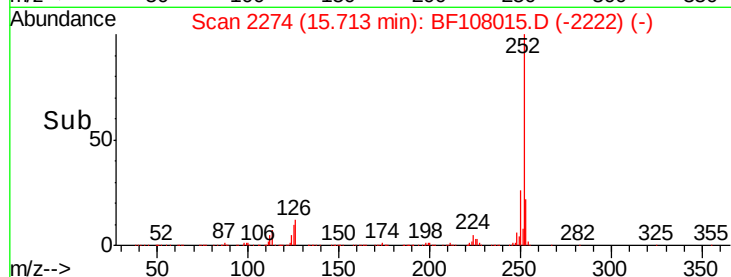
125 9.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.890 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF108015.D

Acq: 8 Aug 2018 13:13

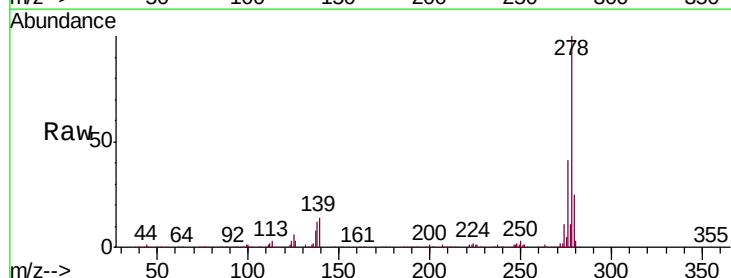
Tgt Ion:278 Resp: 1384446

Ion Ratio Lower Upper

278 100

139 14.4 15.9 23.9#

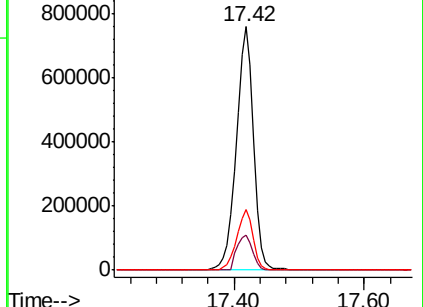
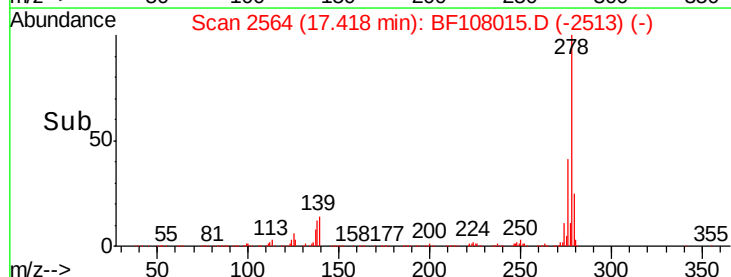
279 24.6 19.0 28.4

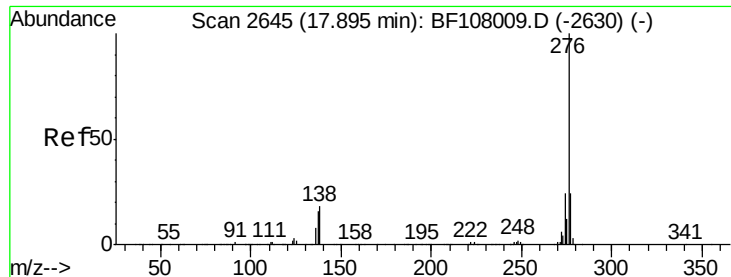


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 40.801 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108015.D
 Acq: 8 Aug 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:276 Resp: 1360265
 Ion Ratio Lower Upper
 276 100
 277 23.0 17.9 26.9
 138 19.0 21.8 32.8#

