

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108092.D
 Acq On : 10 Aug 2018 19:00
 Operator : JU/SJ
 Sample : J4272-01MSD 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

Quant Time: Aug 10 23:12:24 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	284029	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1040489	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	446544	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	704788	20.00	ng	0.00
75) Chrysene-d12	14.22	240	629858	20.00	ng	0.00
86) Perylene-d12	15.79	264	462511	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	853993	54.44	ng	0.00
7) Phenol-d6	6.63	99	1155451	55.42	ng	0.00
23) Nitrobenzene-d5	7.58	82	729874	39.14	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	220456	49.49	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1229029	44.19	ng	0.00
78) Terphenyl-d14	13.15	244	1001231	40.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	99251	12.312	ng	89
3) Pyridine	3.68	79	289860	13.959	ng	# 86
4) n-Nitrosodimethylamine	3.63	42	178169	15.248	ng	82
6) Aniline	6.68	93	392470	13.840	ng	98
8) 2-Chlorophenol	6.80	128	338369	19.150	ng	96
9) Benzaldehyde	6.57	77	231054	14.295	ng	97
10) Phenol	6.64	94	432687	20.065	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	325642	18.679	ng	93
12) 1,3-Dichlorobenzene	6.96	146	361504	17.695	ng	99
13) 1,4-Dichlorobenzene	7.04	146	364183	17.742	ng	98
14) 1,2-Dichlorobenzene	7.19	146	351225	18.395	ng	97
15) Benzyl Alcohol	7.15	79	320885	18.284	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	645966	17.986	ng	97
17) 2-Methylphenol	7.25	107	282828	18.666	ng	96
18) Hexachloroethane	7.53	117	106329	14.550	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	264063	18.731	ng	90
20) 3+4-Methylphenols	7.41	107	366303	18.865	ng	94
22) Acetophenone	7.42	105	495145	20.352	ng	# 92
24) Nitrobenzene	7.60	77	366590	19.442	ng	95
25) Isophorone	7.83	82	678789	19.099	ng	96
26) 2-Nitrophenol	7.91	139	136216	19.130	ng	92
27) 2,4-Dimethylphenol	7.94	122	307925	19.521	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	421038	20.293	ng	98
29) 2,4-Dichlorophenol	8.15	162	279415	19.249	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	303301	18.951	ng	95
31) Naphthalene	8.32	128	944503	19.960	ng	99
32) Benzoic acid	7.94	122	307925	35.427	ng	# 17
33) 4-Chloroaniline	8.37	127	302110	14.650	ng	98
34) Hexachlorobutadiene	8.44	225	200138	19.753	ng	97
35) Caprolactam	8.71	113	85105	18.708	ng	# 78
36) 4-Chloro-3-methylphenol	8.84	107	276610	17.664	ng	99
37) 2-Methylnaphthalene	9.02	142	628684	18.779	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	310412	22.636	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	23253	2.625	ng	98

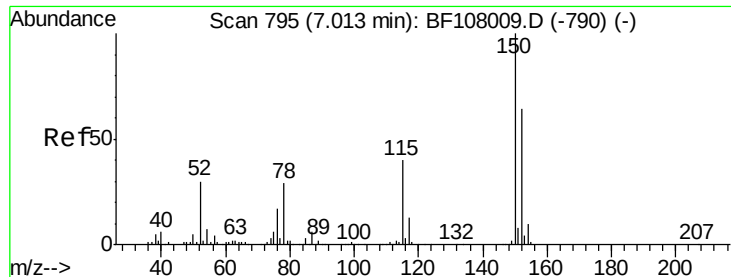
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108092.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	185892	21.845	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	192341	20.533	ng	# 92
45) 1,1'-Biphenyl	9.48	154	742216	22.544	ng	99
46) 2-Chloronaphthalene	9.51	162	549089	21.101	ng	98
47) 2-Nitroaniline	9.60	65	181741	21.585	ng	89
48) Acenaphthylene	9.93	152	848724	20.631	ng	100
49) Dimethylphthalate	9.77	163	773479	24.866	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	127887	19.651	ng	99
51) Acenaphthene	10.10	154	492613	19.550	ng	98
52) 3-Nitroaniline	10.01	138	129767	18.225	ng	97
53) 2,4-Dinitrophenol	10.12	184	1164	7.457	ng	# 56
54) Dibenzofuran	10.27	168	715060	19.588	ng	98
55) 4-Nitrophenol	10.16	139	154651	28.682	ng	97
56) 2,4-Dinitrotoluene	10.24	165	147172	17.569	ng	# 89
57) Fluorene	10.62	166	547425	18.943	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.39	232	133985	17.113	ng	# 87
59) Diethylphthalate	10.48	149	624104	20.720	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	289265	19.210	ng	89
61) 4-Nitroaniline	10.62	138	121338	17.236	ng	96
62) Azobenzene	10.77	77	557817	17.933	ng	94
64) 4,6-Dinitro-2-methylphenol	10.65	198	4384	6.830	ng	# 62
65) n-Nitrosodiphenylamine	10.72	169	494076	23.723	ng	98
66) 4-Bromophenyl-phenylether	11.10	248	165556	21.615	ng	# 86
67) Hexachlorobenzene	11.17	284	158150	19.625	ng	# 86
68) Atrazine	11.24	200	159898	22.890	ng	97
69) Pentachlorophenol	11.36	266	126584	32.817	ng	98
70) Phenanthrene	11.59	178	838251	25.216	ng	99
71) Anthracene	11.64	178	740649	21.738	ng	100
72) Carbazole	11.79	167	607955	20.084	ng	99
73) Di-n-butylphthalate	12.11	149	820135	23.919	ng	99
74) Fluoranthene	12.78	202	954815	26.318	ng	97
76) Benzidine	12.91	184	491474	20.884	ng	98
77) Pyrene	13.02	202	974235	24.431	ng	100
79) Butylbenzylphthalate	13.62	149	320349	20.231	ng	# 95
80) Benzo(a)anthracene	14.21	228	827055	22.880	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	224571	17.336	ng	# 96
82) Chrysene	14.25	228	754823	22.777	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	463720	21.626	ng	100
84) Di-n-octyl phthalate	14.81	149	798074	24.404	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.41	276	448037	15.603	ng	# 90
87) Benzo(b)fluoranthene	15.32	252	655101	23.704	ng	96
88) Benzo(k)fluoranthene	15.35	252	577469	22.730	ng	# 96
89) Benzo(a)pyrene	15.72	252	551229	22.274	ng	98
90) Dibenzo(a,h)anthracene	17.43	278	353613	17.269	ng	# 94
91) Benzo(g,h,i)perylene	17.91	276	374663	18.582	ng	# 91

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

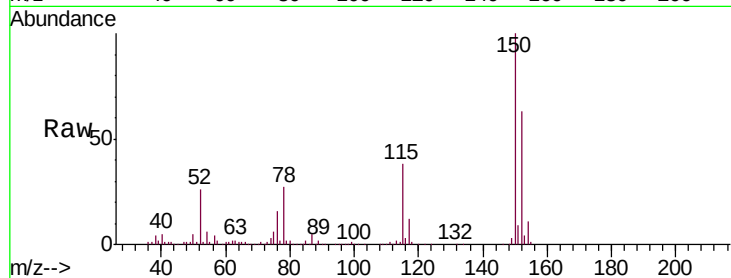


#1

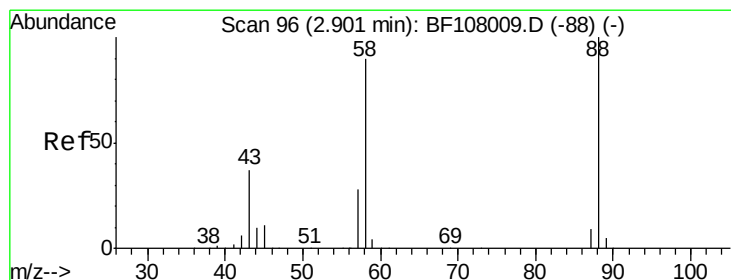
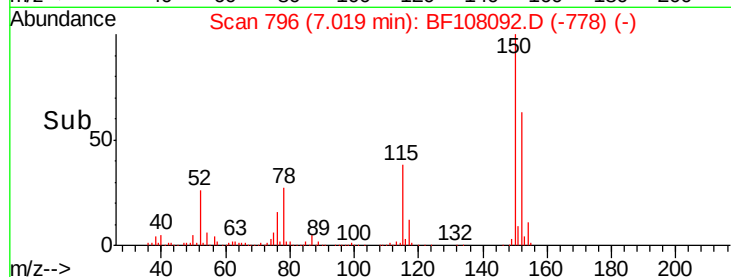
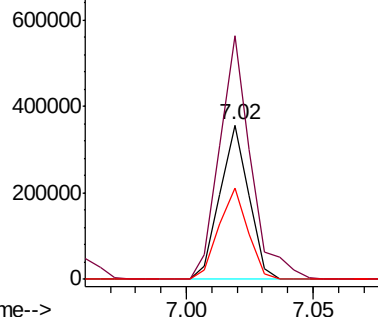
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:152 Resp: 284029
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 59.5 50.1 75.1



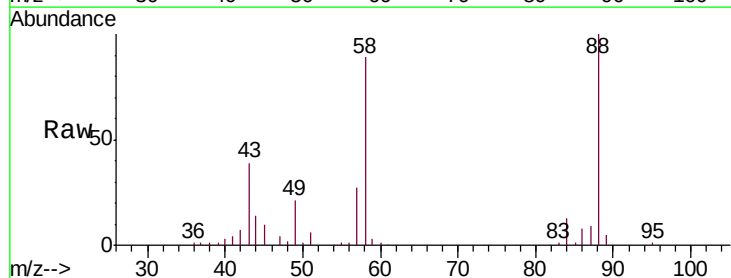
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



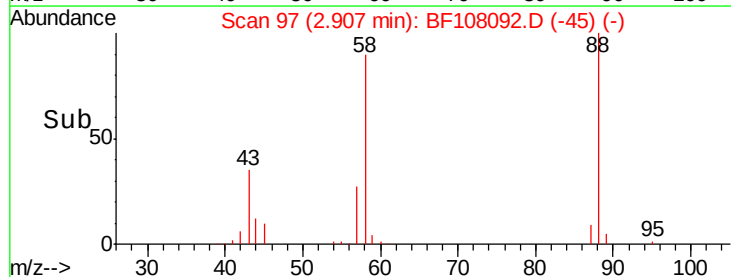
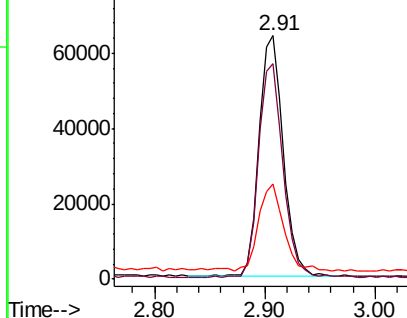
#2

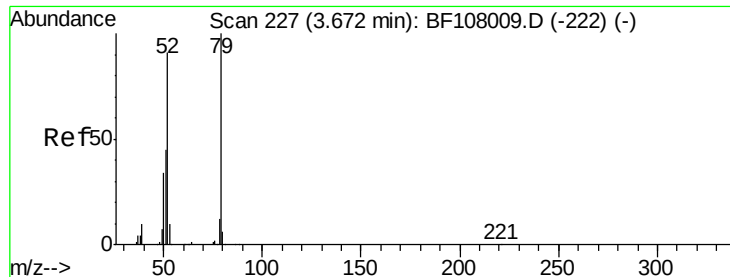
1,4-Dioxane
Concen: 12.312 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion: 88 Resp: 99251
Ion Ratio Lower Upper
88 100
58 88.0 62.6 93.8
43 36.0 24.6 37.0



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





#3

Pyridine

Concen: 13.959 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

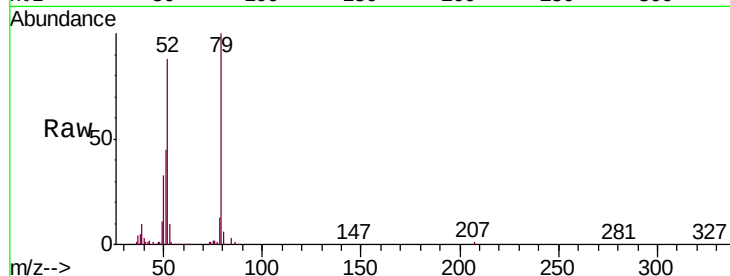
Tgt Ion: 79 Resp: 289860

Ion Ratio Lower Upper

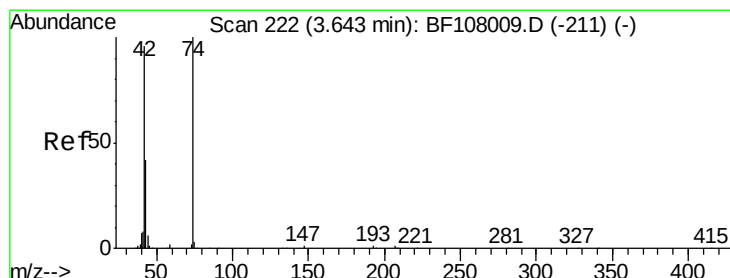
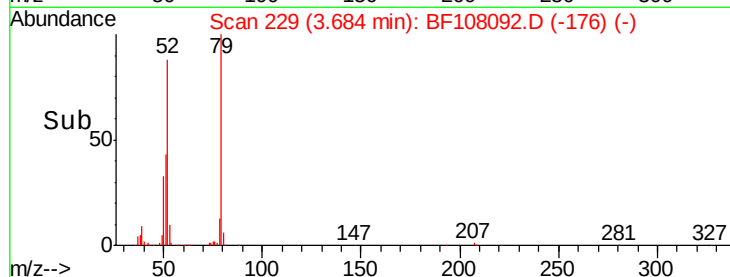
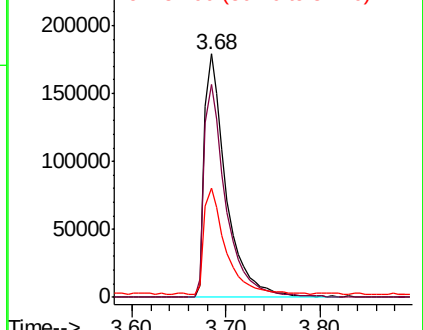
79 100

52 87.5 59.8 89.6

51 44.8 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: 15.248 ng

RT: 3.63 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

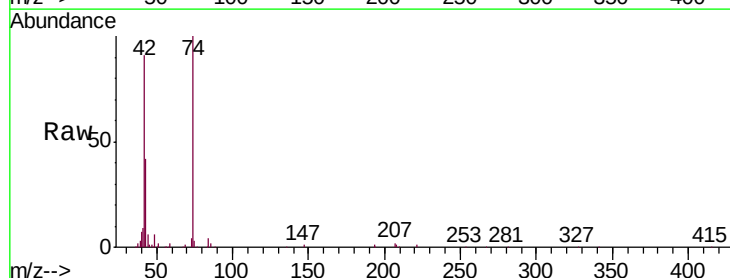
Tgt Ion: 42 Resp: 178169

Ion Ratio Lower Upper

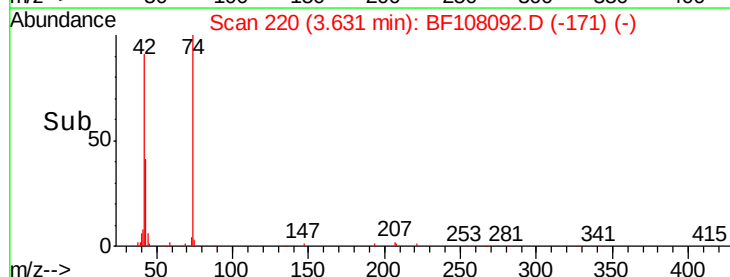
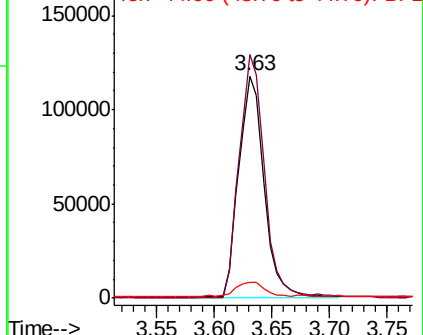
42 100

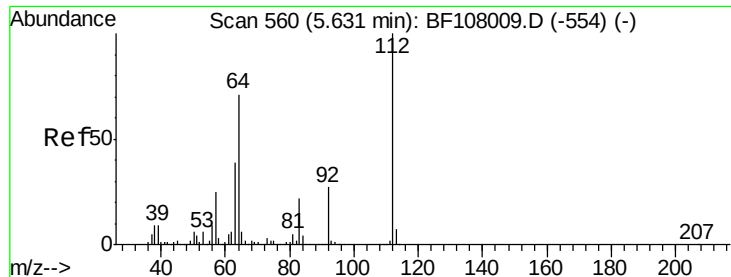
74 109.6 104.9 157.3

44 7.1 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: 54.435 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

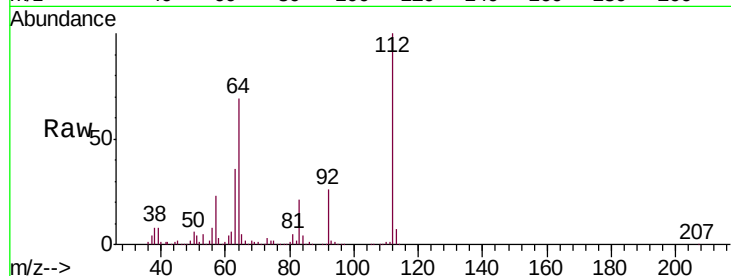
Tgt Ion: 112 Resp: 853993

Ion Ratio Lower Upper

112 100

64 68.8 47.9 71.9

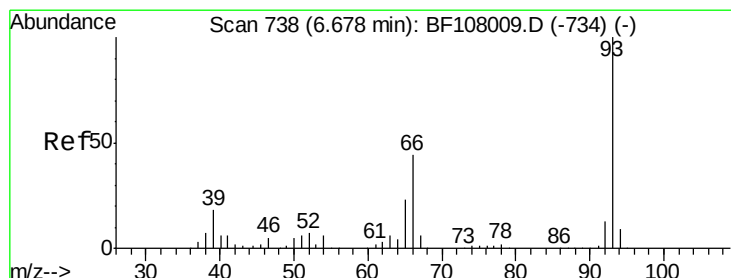
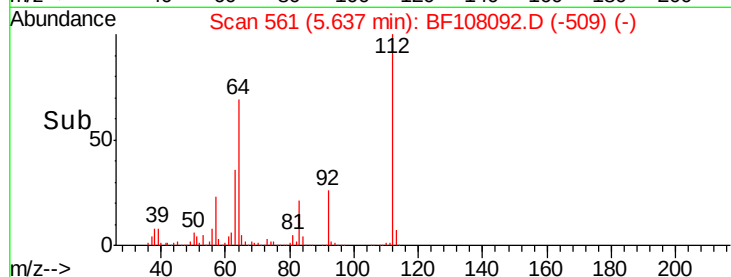
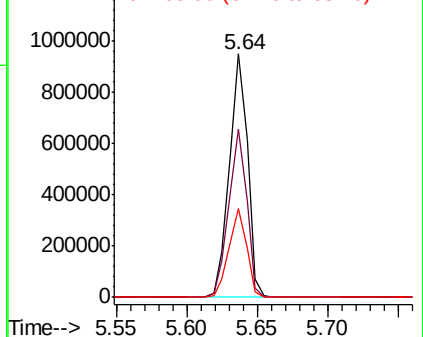
63 36.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.840 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

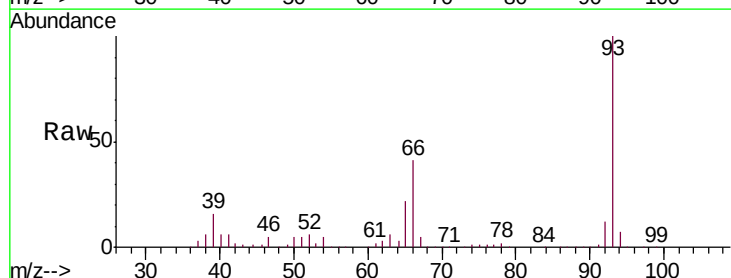
Tgt Ion: 93 Resp: 392470

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

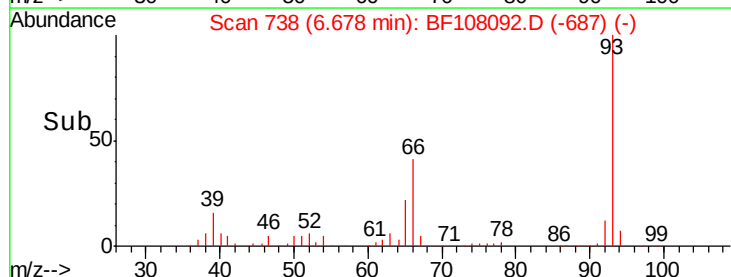
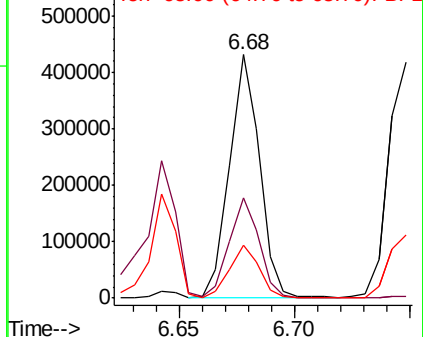
65 21.8 16.4 24.6

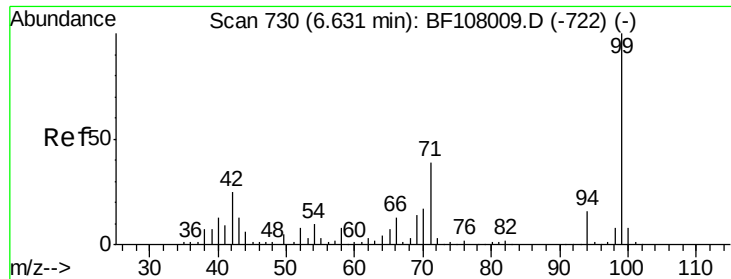


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 55.424 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

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ClientSampleId :

JC-03-080918-AMSD

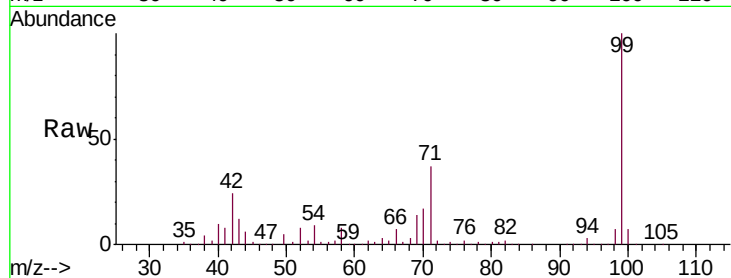
Tgt Ion: 99 Resp: 1155451

Ion Ratio Lower Upper

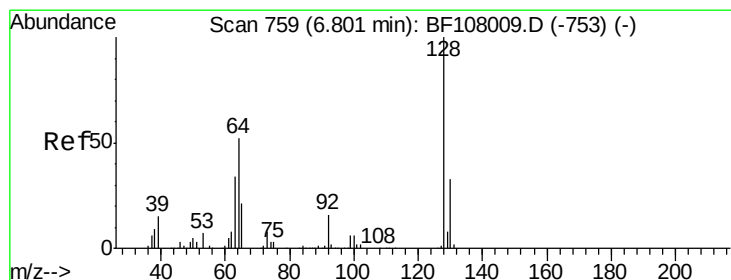
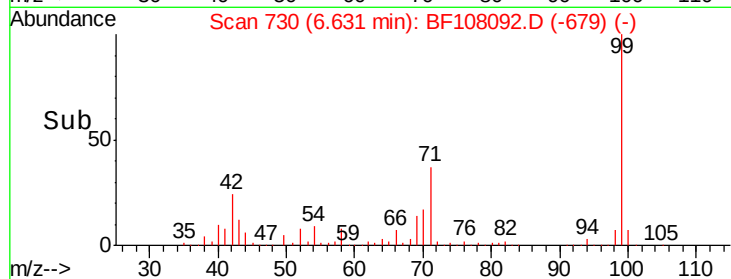
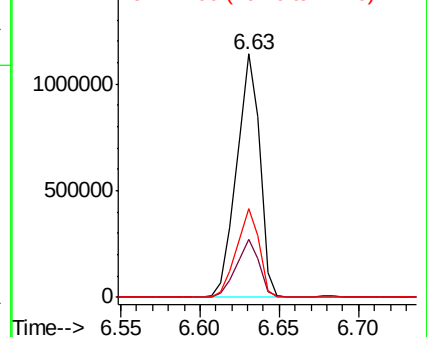
99 100

42 23.9 14.5 21.7#

71 36.6 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: 19.150 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

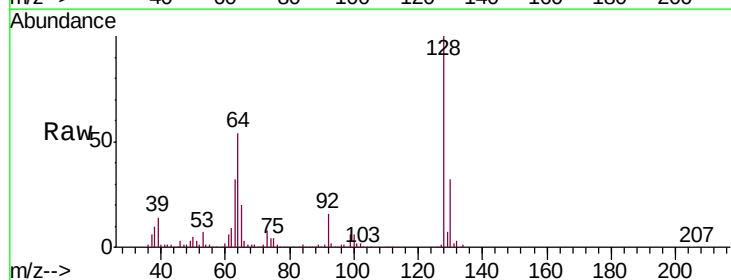
Tgt Ion: 128 Resp: 338369

Ion Ratio Lower Upper

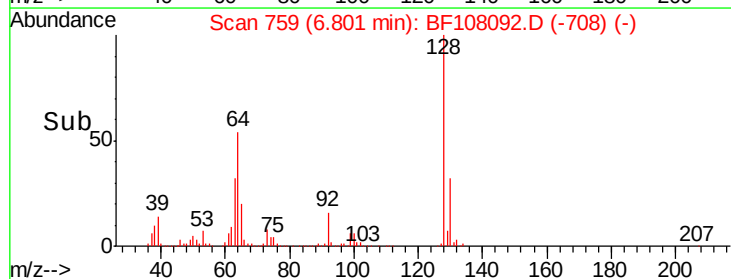
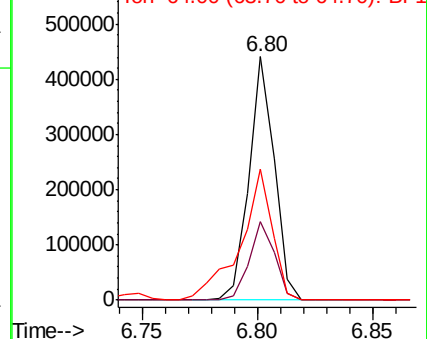
128 100

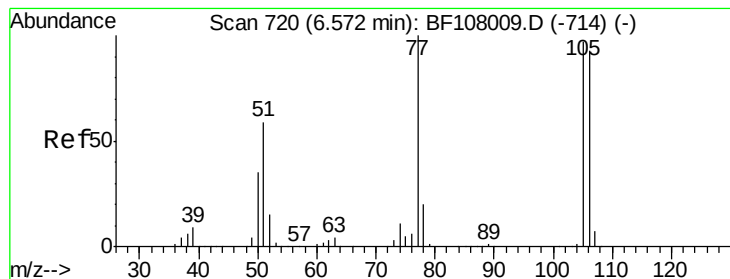
130 32.4 13.0 53.0

64 53.8 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: 14.295 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

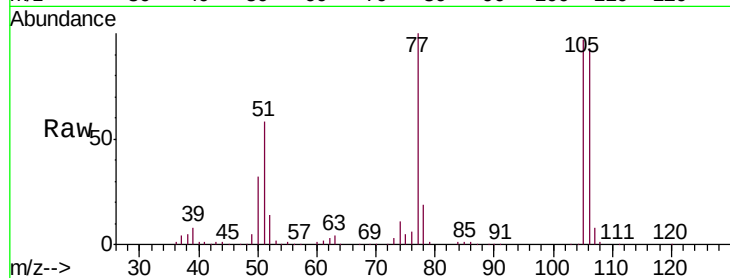
Tgt Ion: 77 Resp: 231054

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

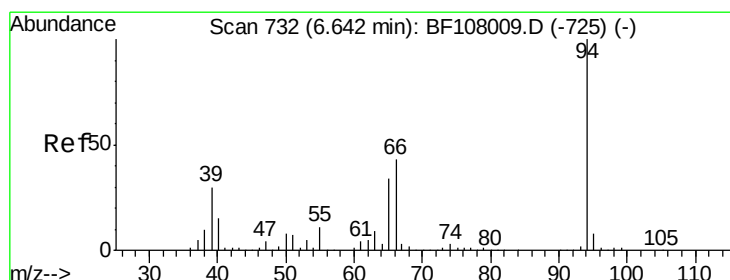
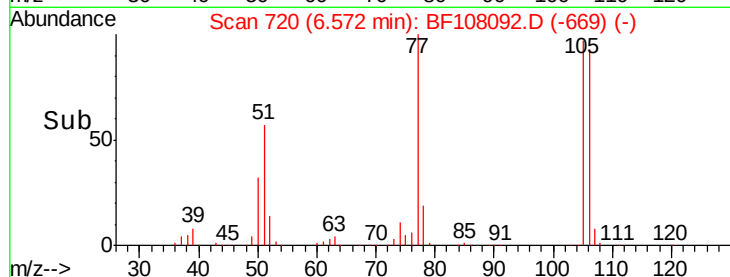
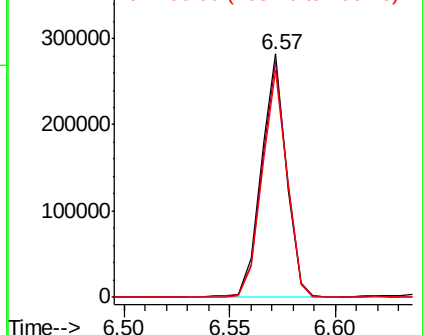
106 93.3 74.5 114.5



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: 20.065 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

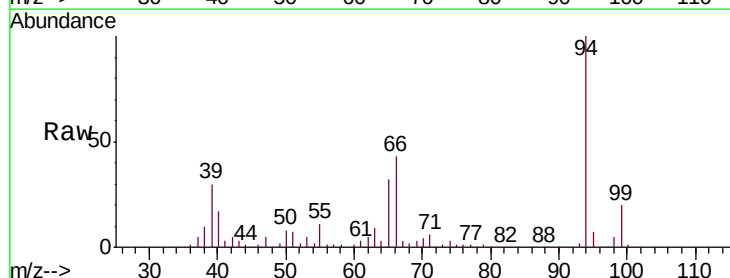
Tgt Ion: 94 Resp: 432687

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

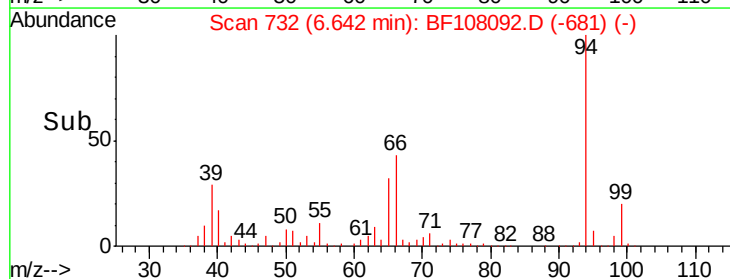
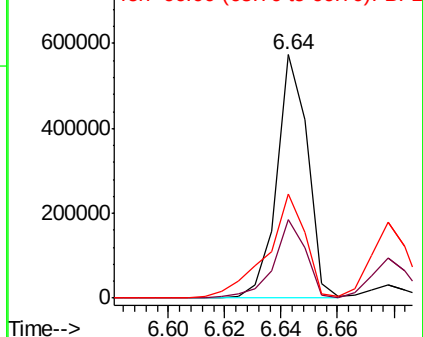
66 42.7 16.2 56.2

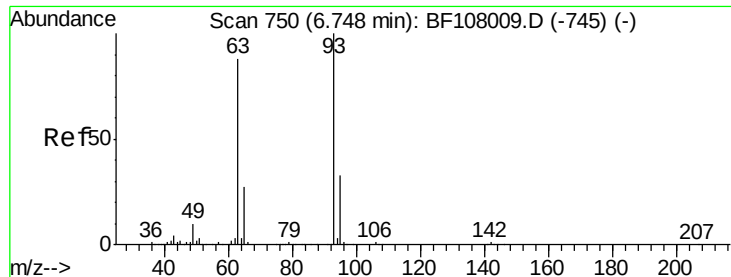


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

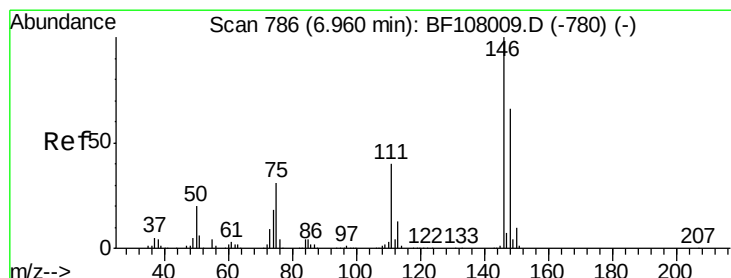
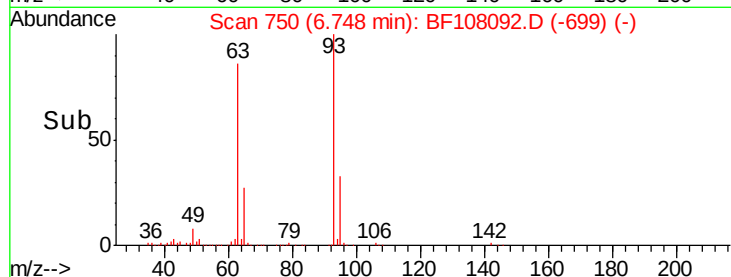
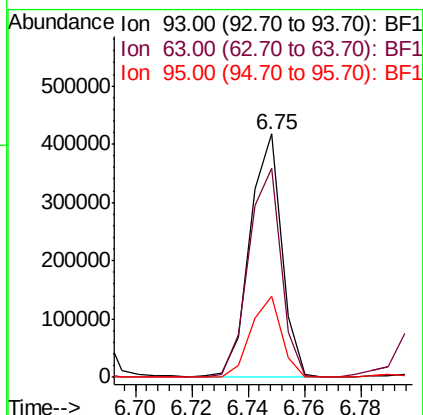
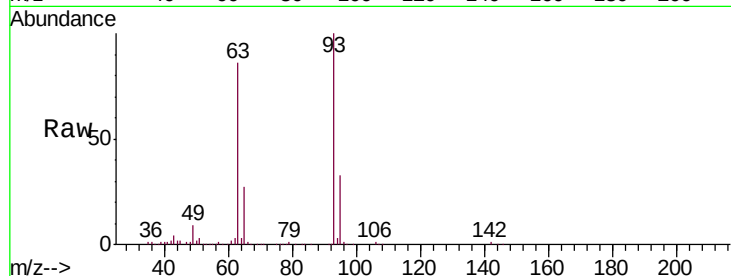




#11
bis(2-Chloroethyl)ether
Concen: 18.679 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

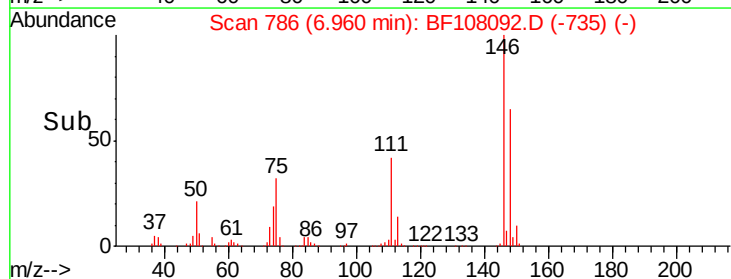
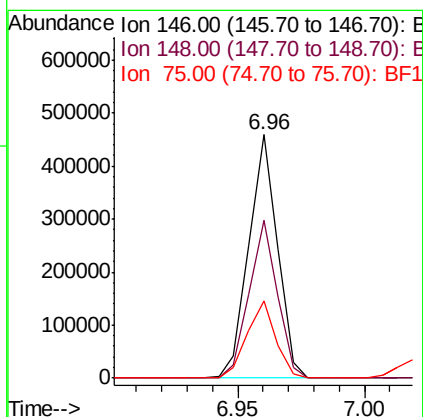
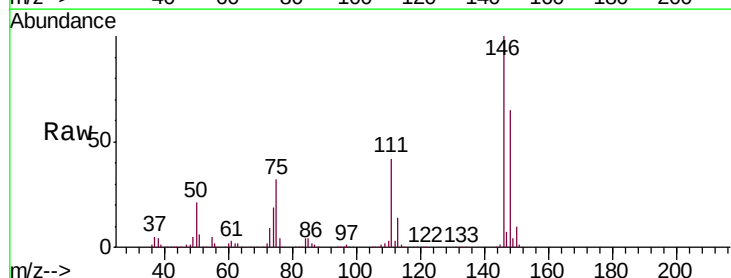
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

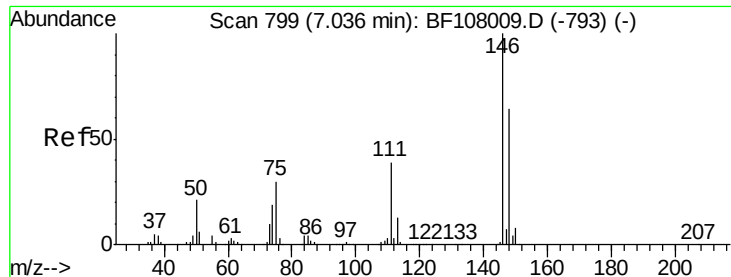
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	33.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 17.695 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	31.6	24.2	36.4

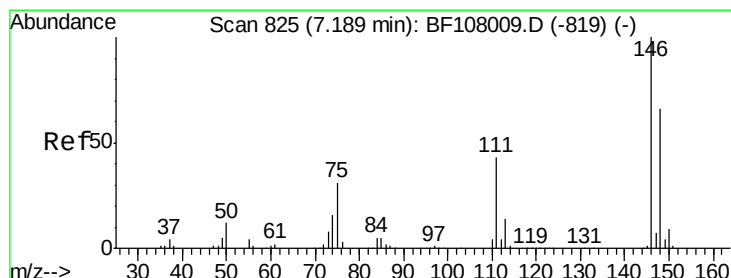
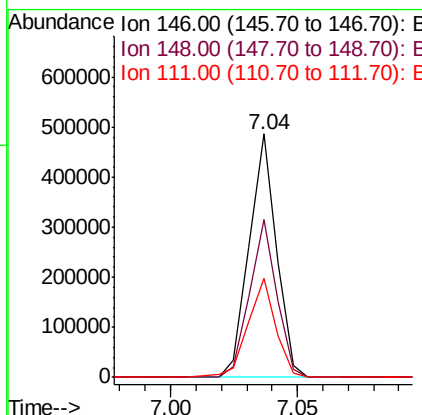
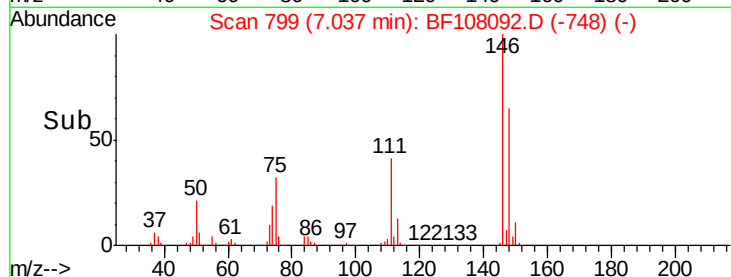
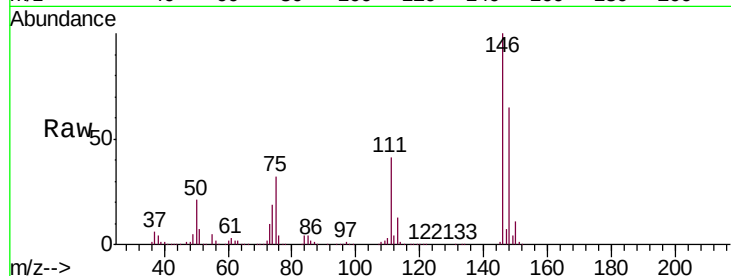




#13
 1,4-Dichlorobenzene
 Concen: 17.742 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

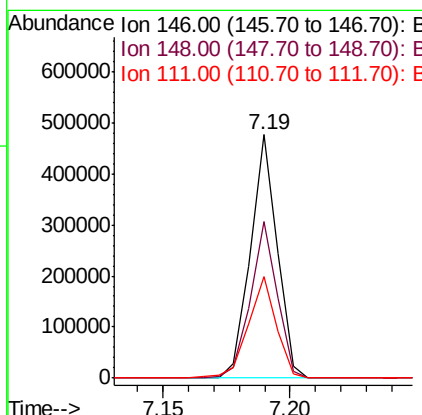
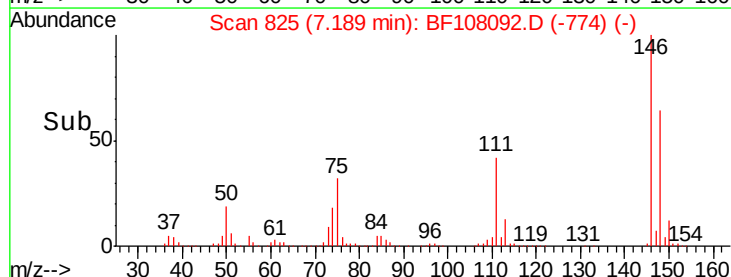
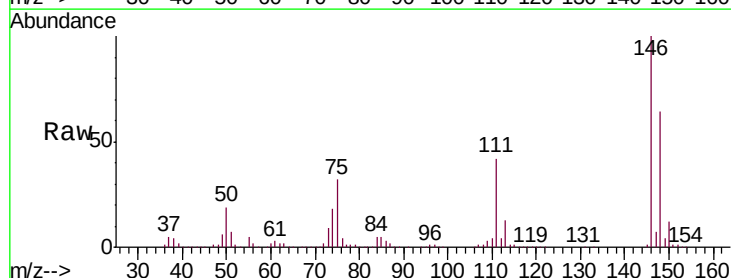
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

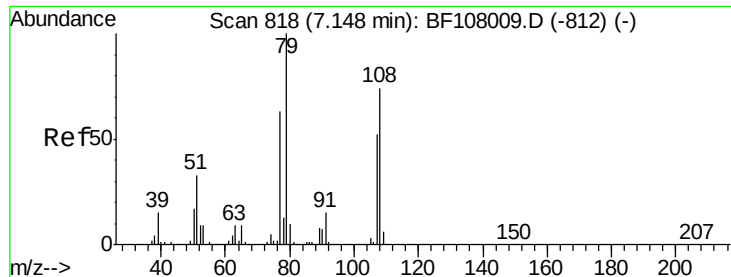
Tgt Ion:146 Resp: 364183
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 40.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 18.395 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:146 Resp: 351225
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 41.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 18.284 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

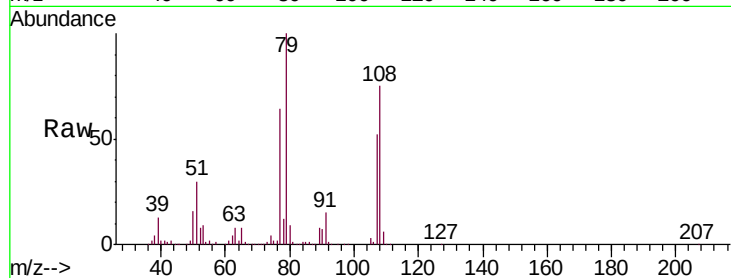
Tgt Ion: 79 Resp: 320885

Ion Ratio Lower Upper

79 100

108 74.6 65.1 97.7

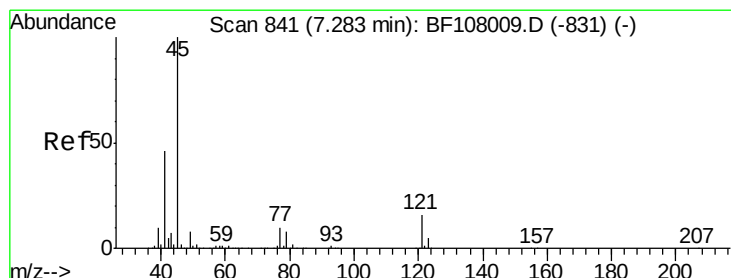
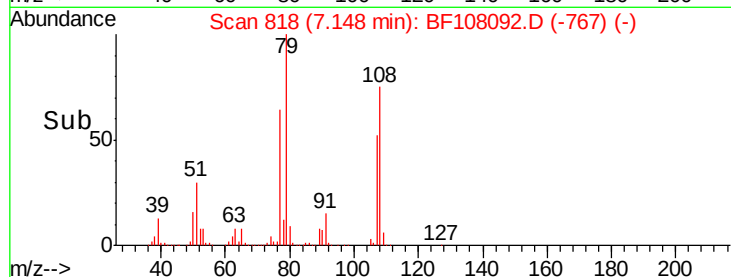
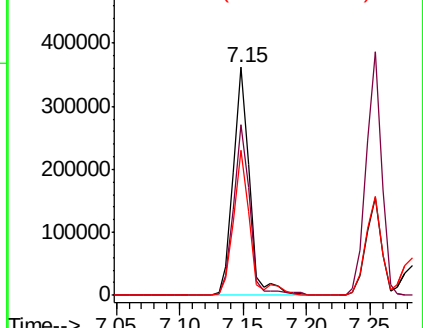
77 63.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.986 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

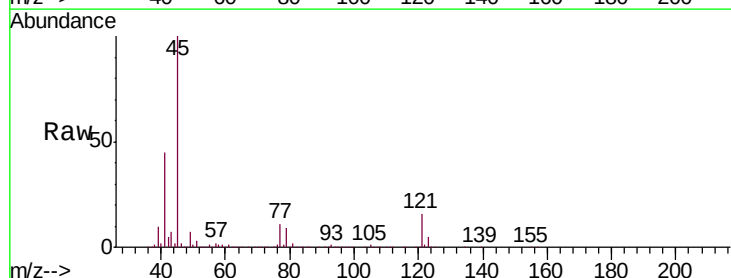
Tgt Ion: 45 Resp: 645966

Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

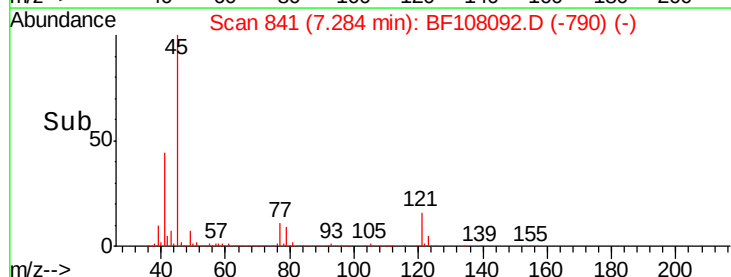
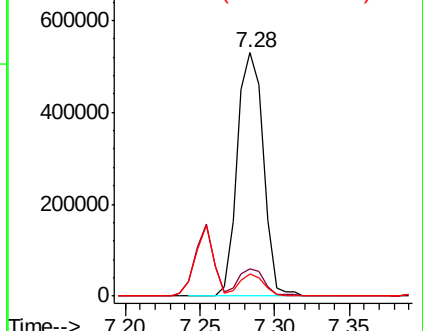
79 9.0 0.0 29.6

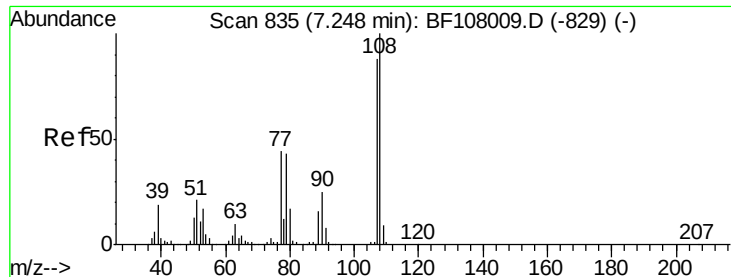


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

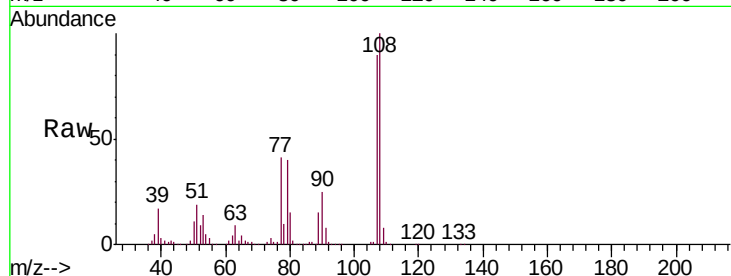




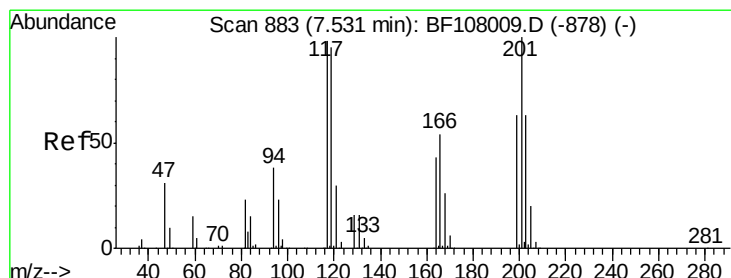
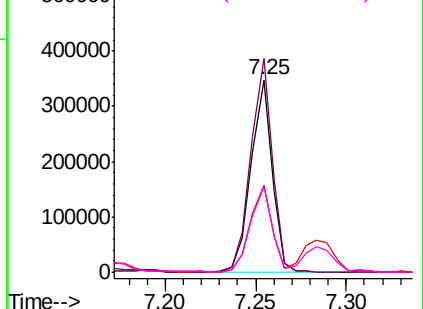
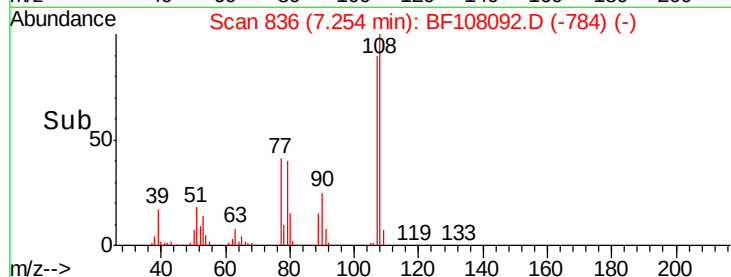
#17
2-Methylphenol
Concen: 18.666 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:	107	Resp:	282828
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	45.4	33.8	50.8
79	44.7	33.8	50.8

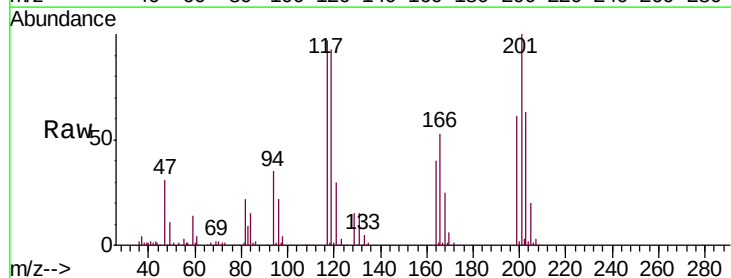


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

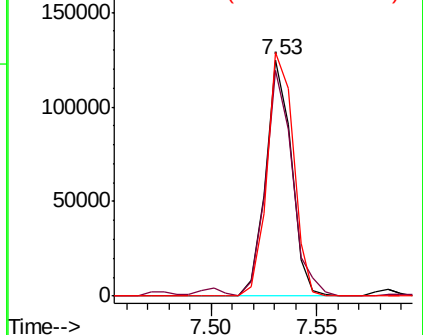
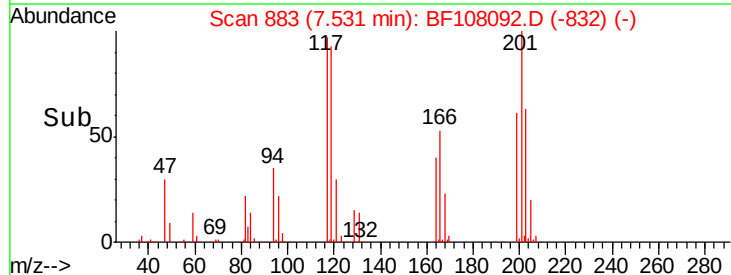


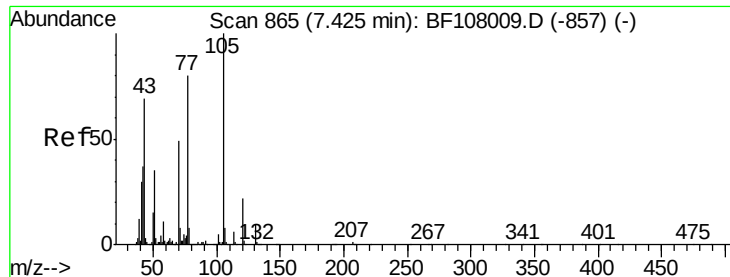
#18
Hexachloroethane
Concen: 14.550 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:	117	Resp:	106329
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	103.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

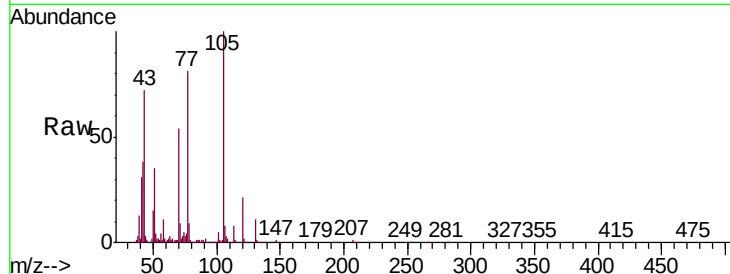




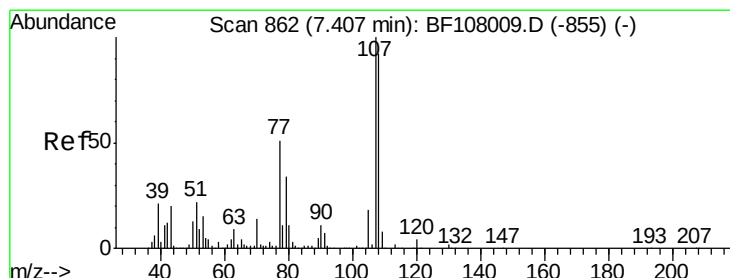
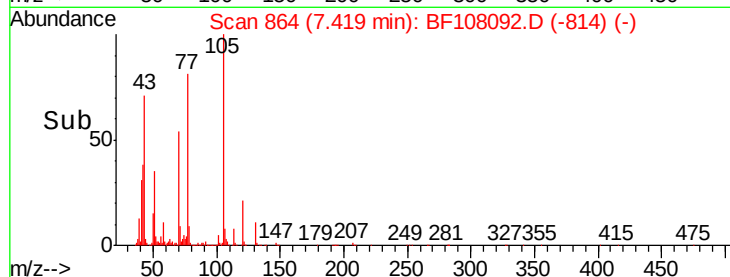
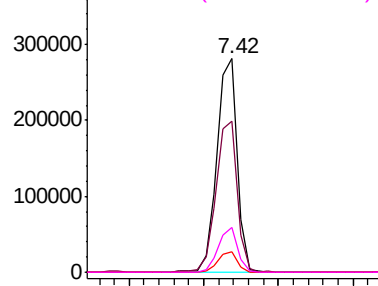
#19
n-Nitroso-di-n-propylamine
Concen: 18.731 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:	70	Resp:	264063
Ion	Ratio	Lower	Upper
70	100		
42	70.5	47.5	71.3
101	9.3	7.4	11.2
130	20.8	16.6	25.0

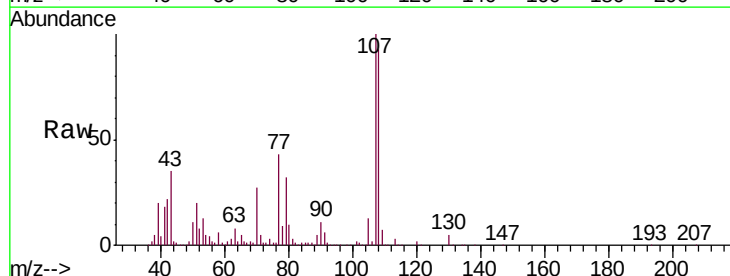


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

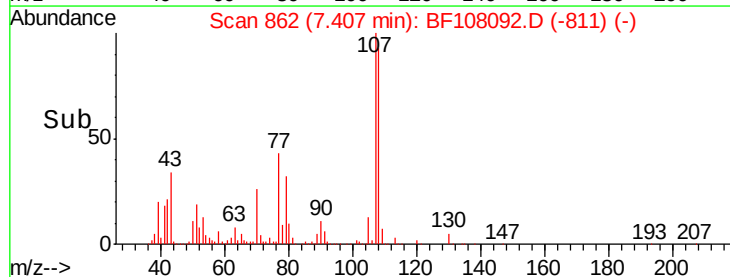
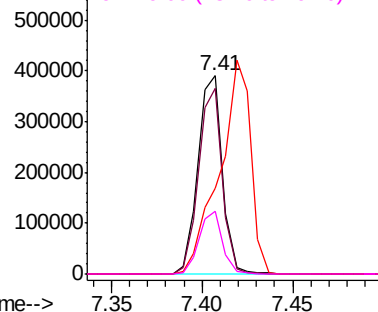


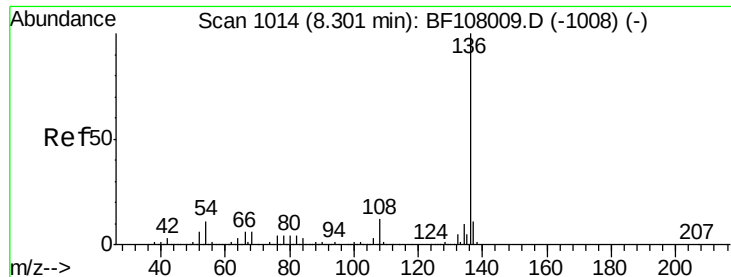
#20
3+4-Methylphenols
Concen: 18.865 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:	107	Resp:	366303
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	43.1	26.7	66.7
79	31.8	6.3	46.3



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

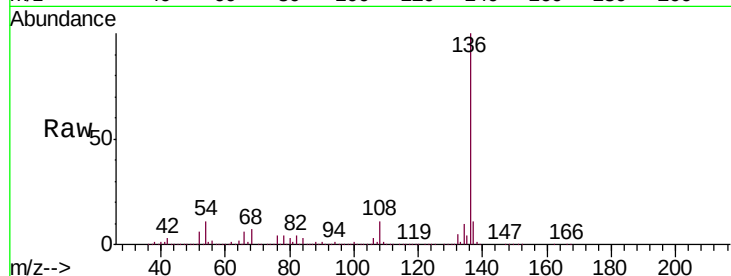




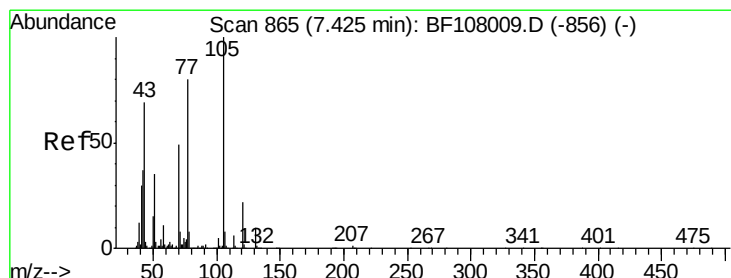
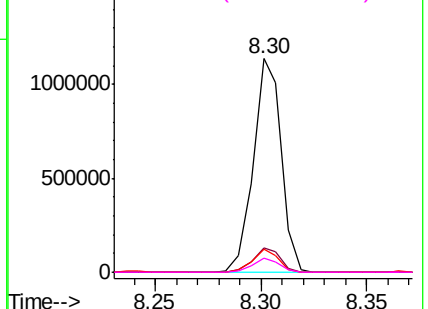
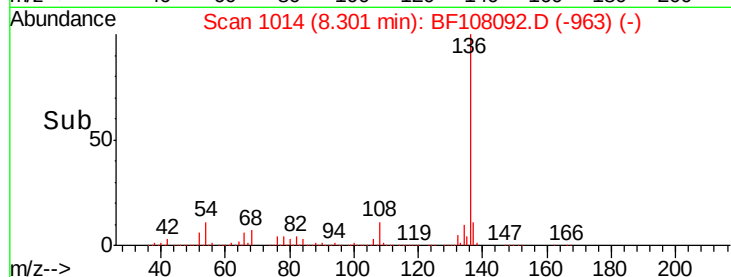
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:	136	Resp:	1040489
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.8	6.6	9.8#
68	6.6	5.0	7.4

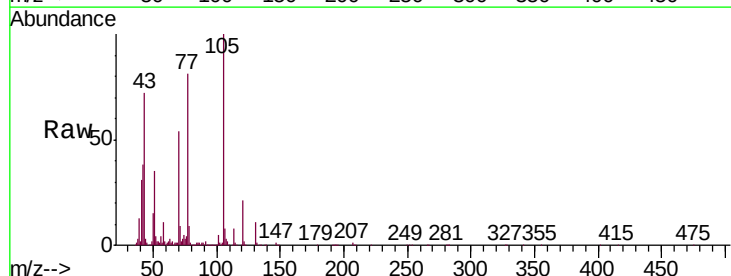


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

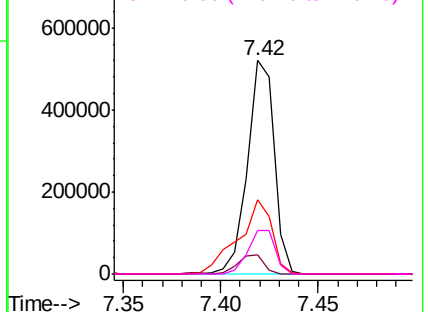
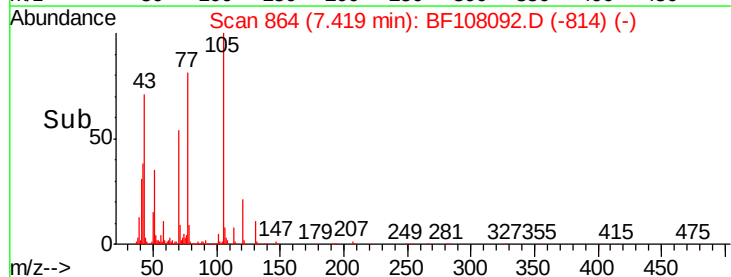


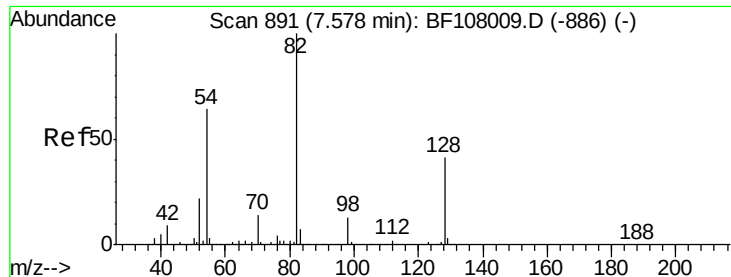
#22
Acetophenone
Concen: 20.352 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:	105	Resp:	495145
Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.4	6.6#
51	35.1	22.3	33.5#
120	20.6	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

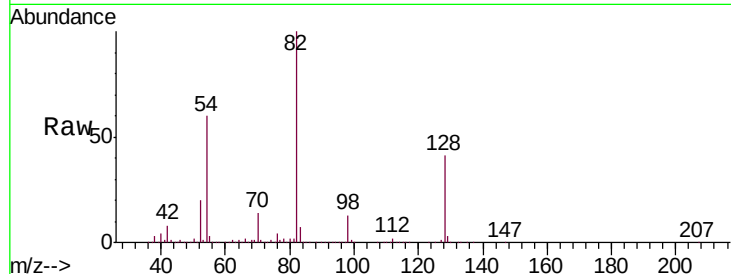




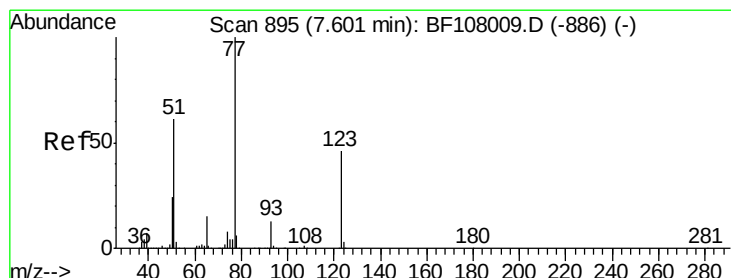
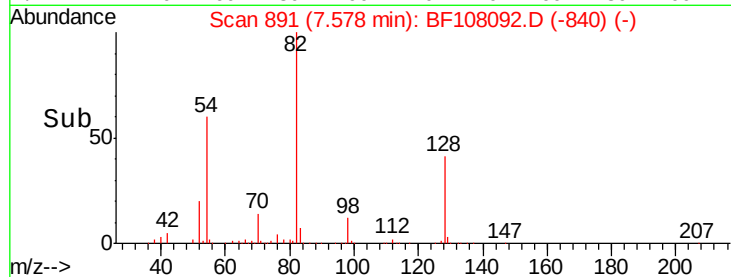
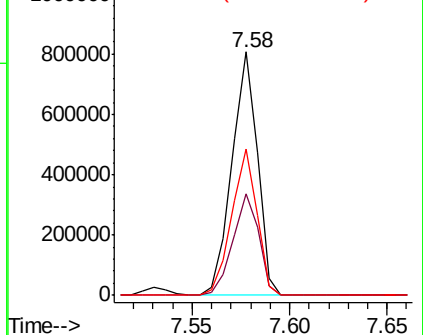
#23
 Nitrobenzene-d5
 Concen: 39.143 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

Tgt Ion: 82 Resp: 729874
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 60.1 41.4 62.2

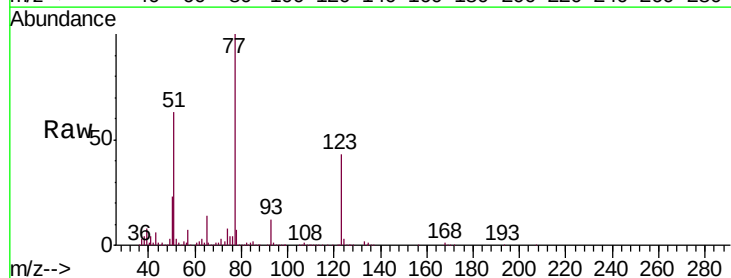


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

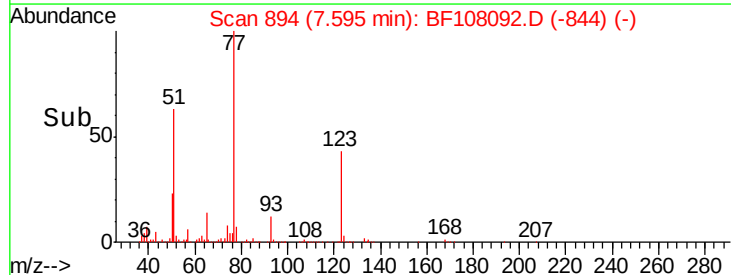
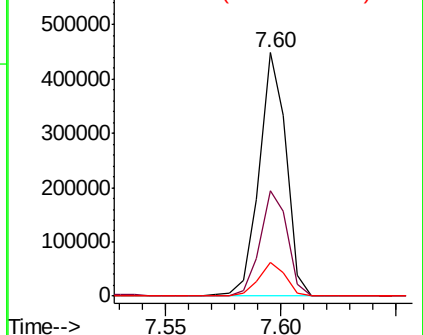


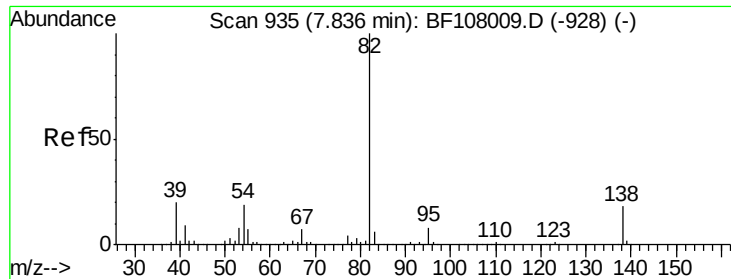
#24
 Nitrobenzene
 Concen: 19.442 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion: 77 Resp: 366590
 Ion Ratio Lower Upper
 77 100
 123 43.4 37.9 56.9
 65 14.0 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: 19.099 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

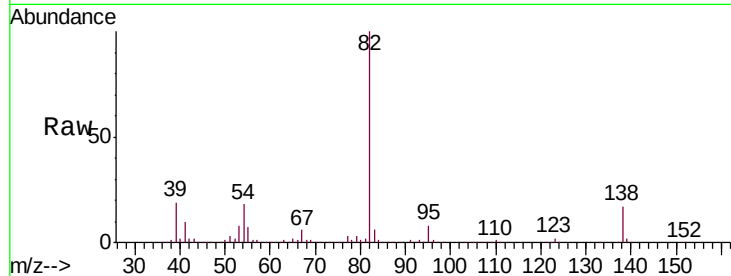
Tgt Ion: 82 Resp: 678789

Ion Ratio Lower Upper

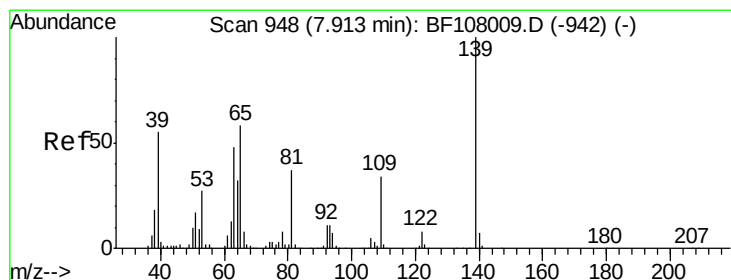
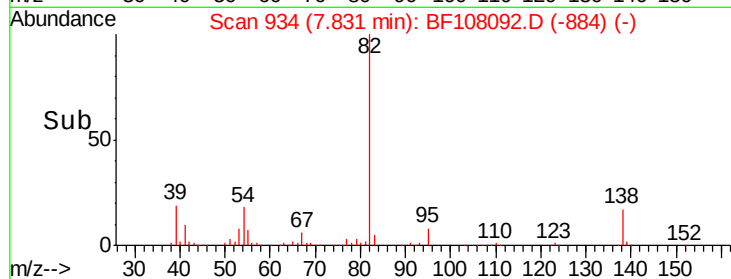
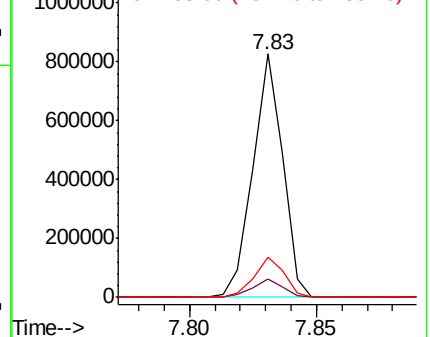
82 100

95 7.6 5.2 7.8

138 16.5 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: 19.130 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

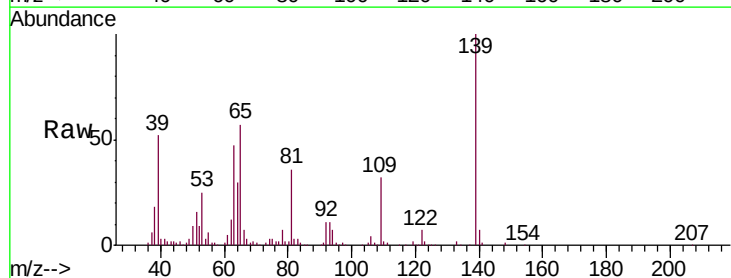
Tgt Ion: 139 Resp: 136216

Ion Ratio Lower Upper

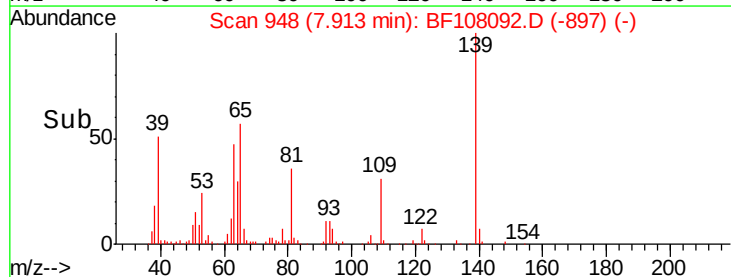
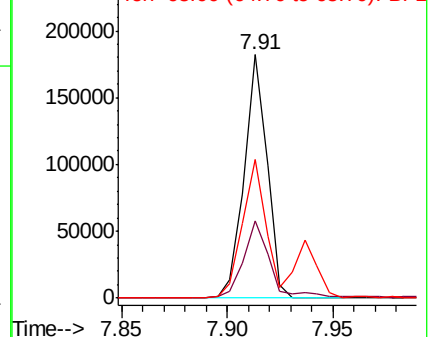
139 100

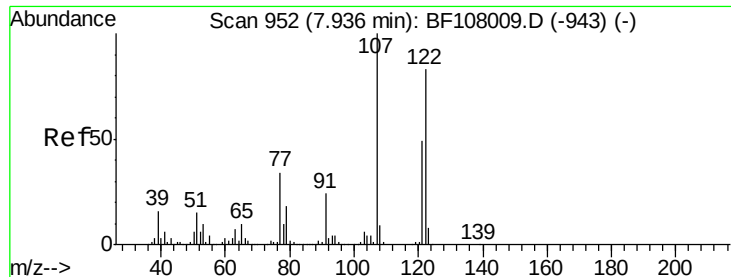
109 31.5 22.7 34.1

65 57.1 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

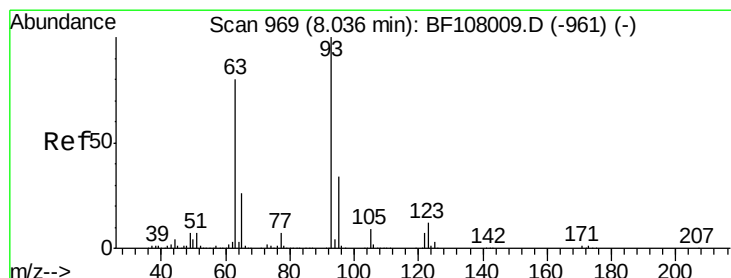
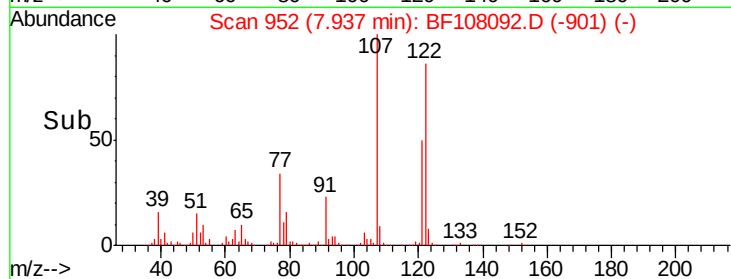
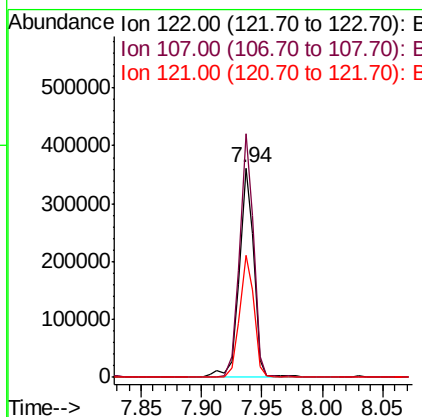
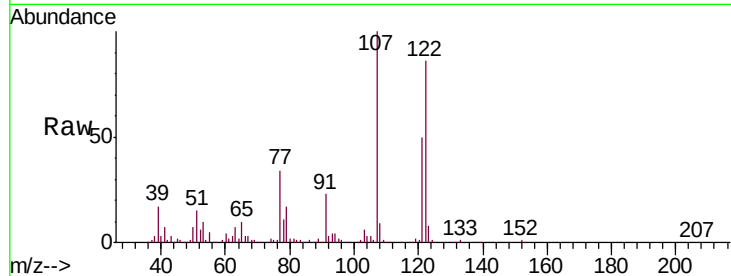




#27
 2,4-Dimethylphenol
 Concen: 19.521 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

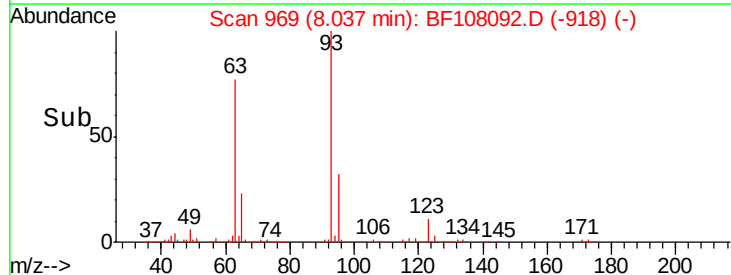
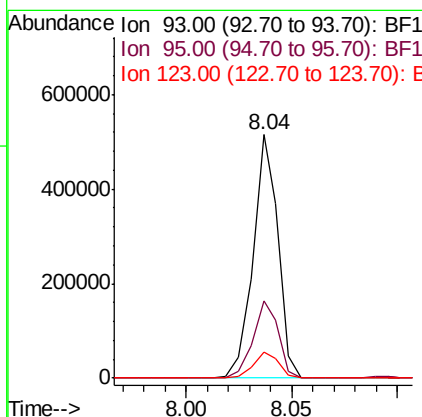
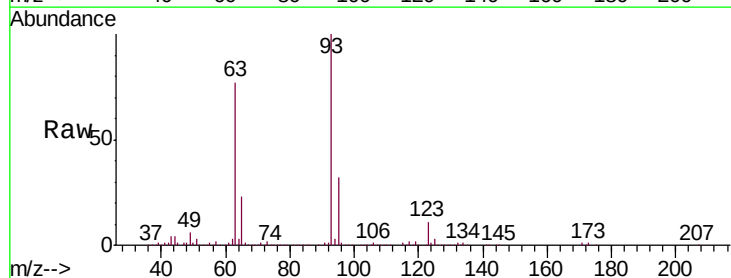
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

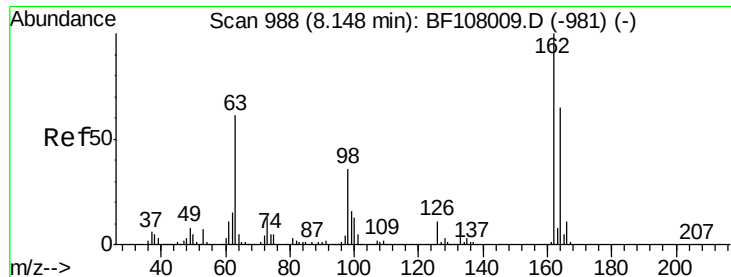
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.2	91.2	136.8
121	58.0	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.293 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	10.6	9.8	14.6

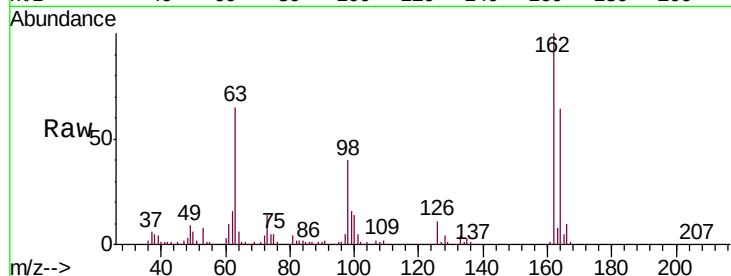




#29
2,4-Dichlorophenol
Concen: 19.249 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	39.8	18.1	58.1

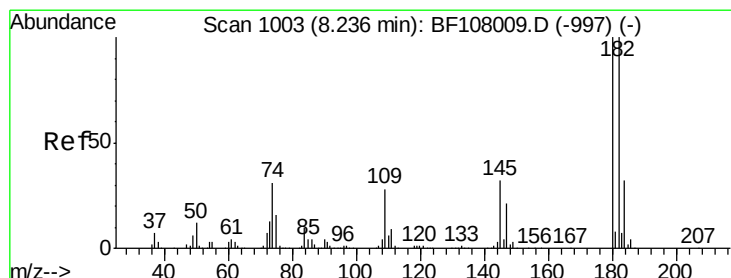
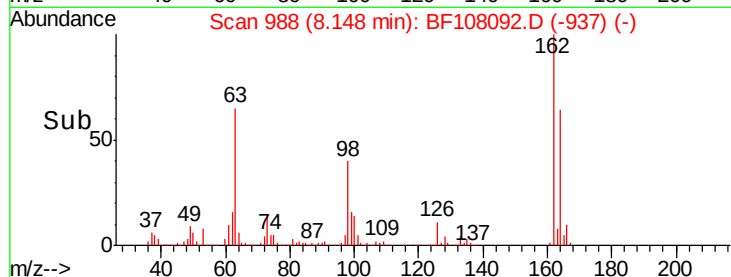
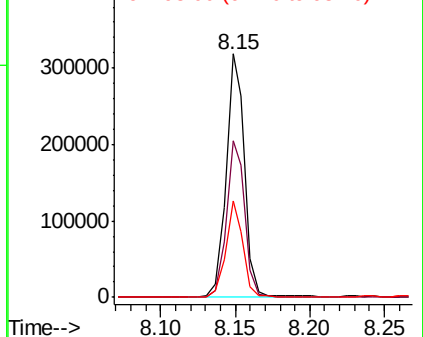


Abundance

Ion 162.00 (161.70 to 162.70): E

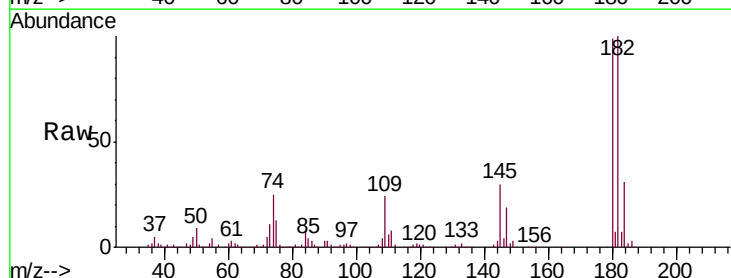
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 18.951 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	76.8	115.2
145	30.2	26.5	39.7

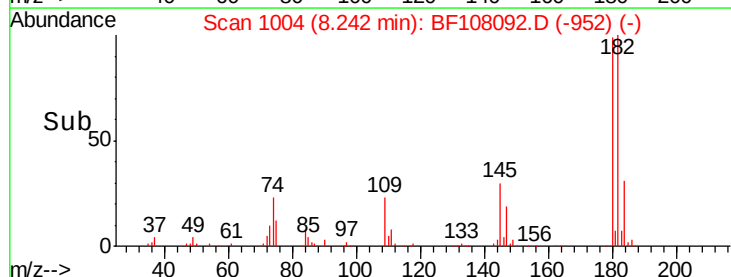
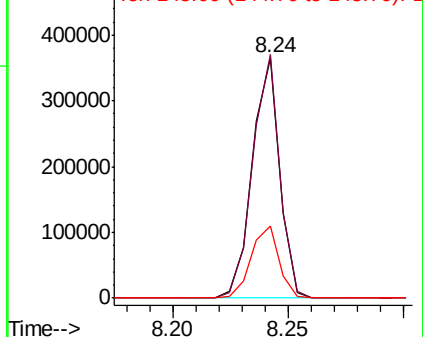


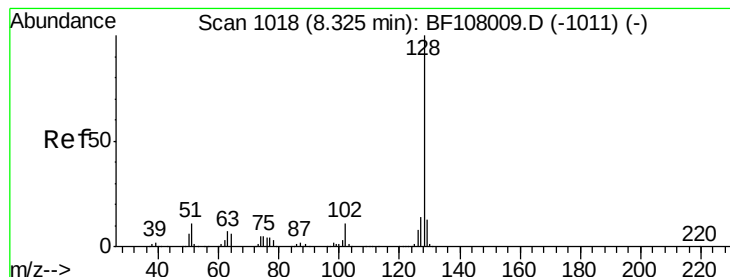
Abundance

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: 19.960 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

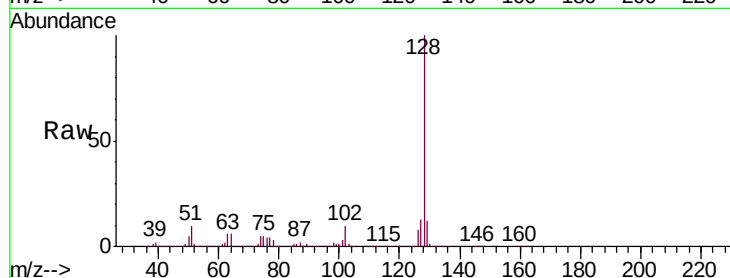
Tgt Ion:128 Resp: 944503

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

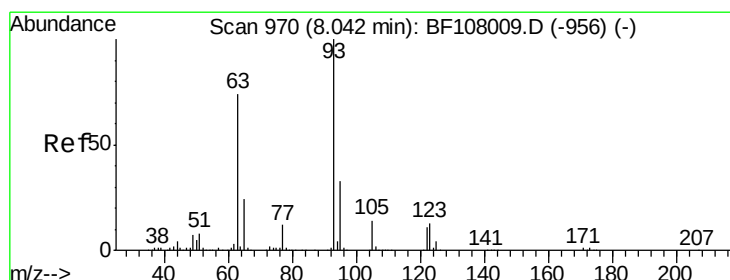
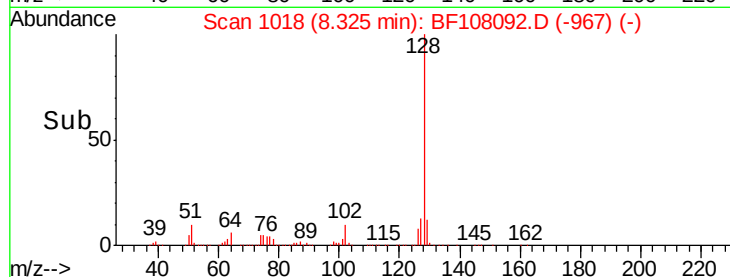
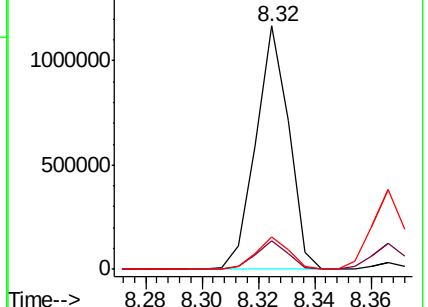
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.427 ng

RT: 7.94 min Scan# 952

Delta R.T. -0.11 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

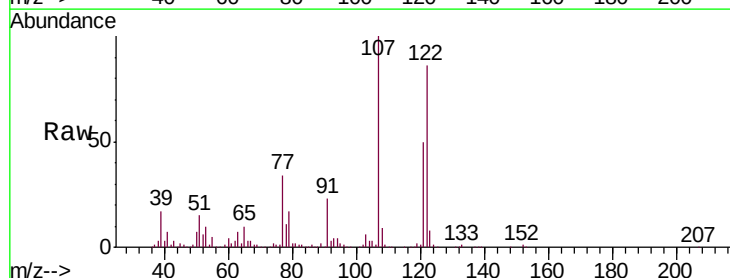
Tgt Ion:122 Resp: 307925

Ion Ratio Lower Upper

122 100

105 3.9 101.1 141.1#

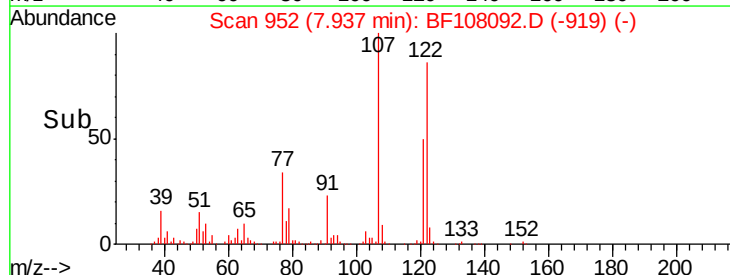
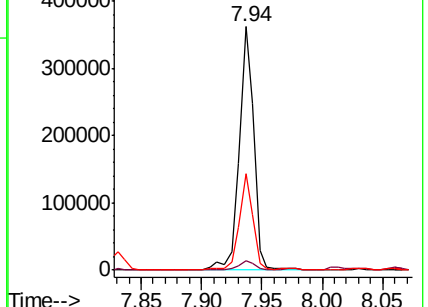
77 39.8 70.7 110.7#

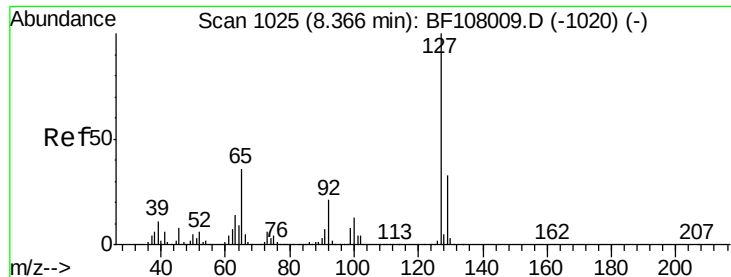


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

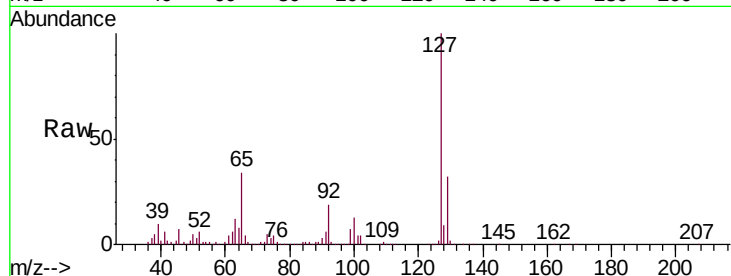




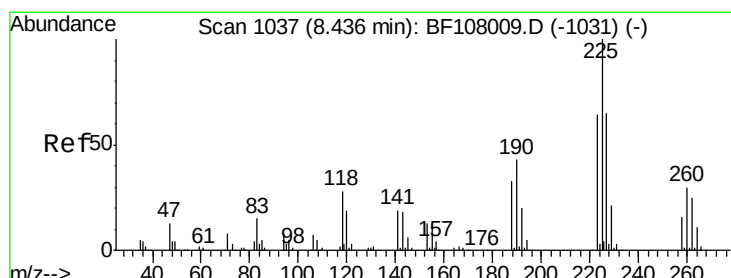
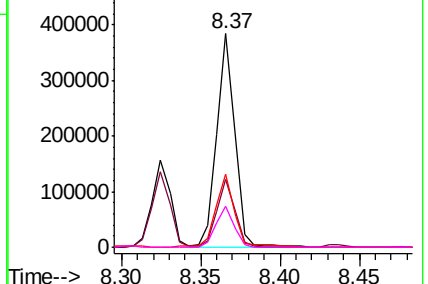
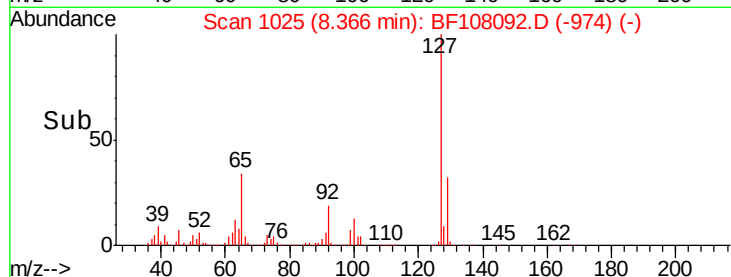
#33
4-Chloroaniline
Concen: 14.650 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:	127	Resp:	302110
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	34.2	25.0	37.4
92	19.1	15.2	22.8

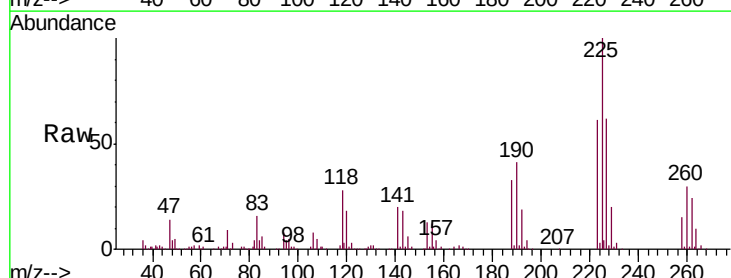


Abundance Ion 127.00 (126.70 to 127.70): E
600000
Ion 129.00 (128.70 to 129.70): E
500000
Ion 65.00 (64.70 to 65.70): BF1
400000
Ion 92.00 (91.70 to 92.70): BF1
300000
200000
100000
0

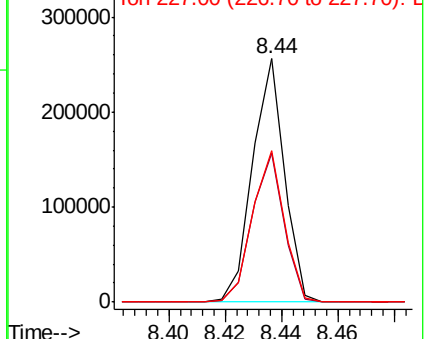
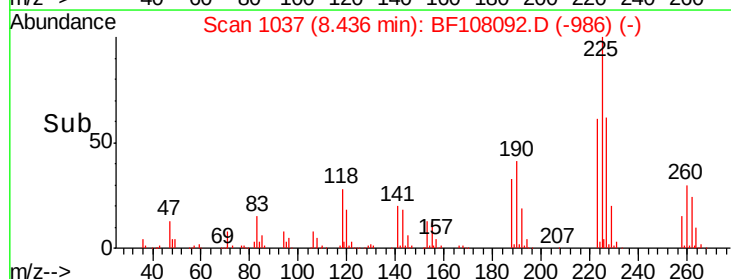


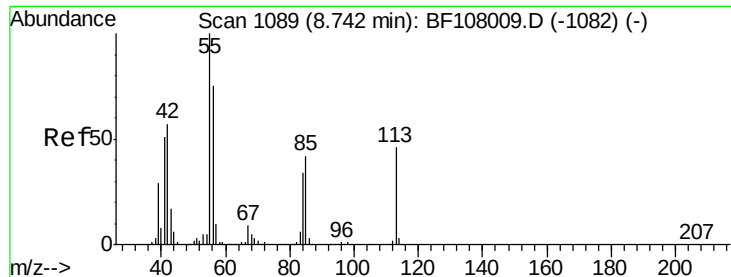
#34
Hexachlorobutadiene
Concen: 19.753 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:	225	Resp:	200138
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	62.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
200000
Ion 227.00 (226.70 to 227.70): E
100000
0

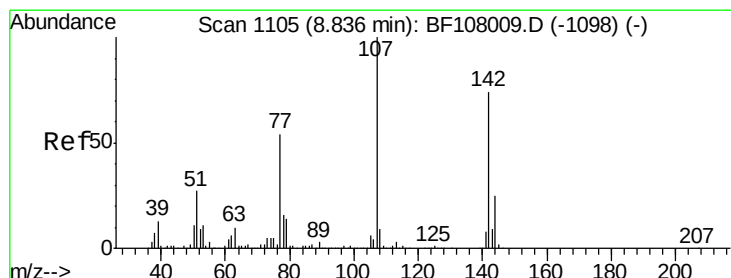
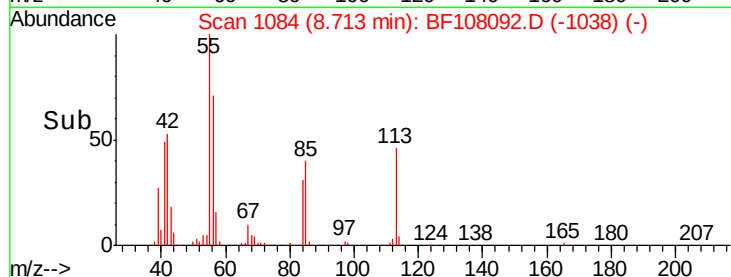
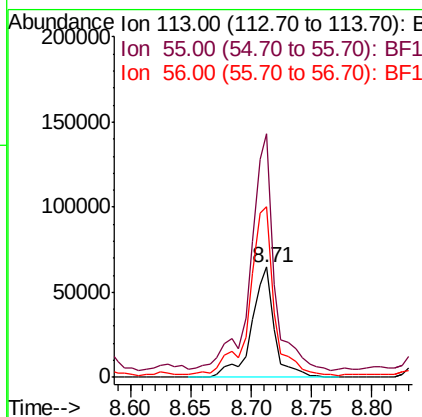
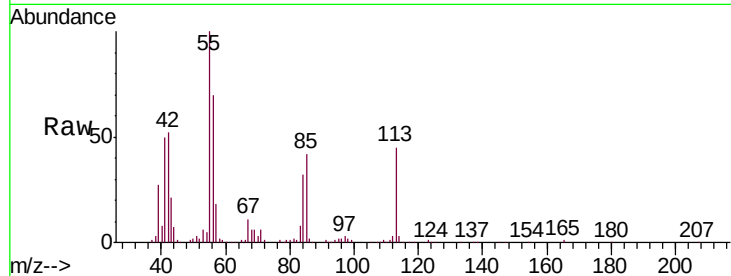




#35
 Caprolactam
 Concen: 18.708 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.03 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

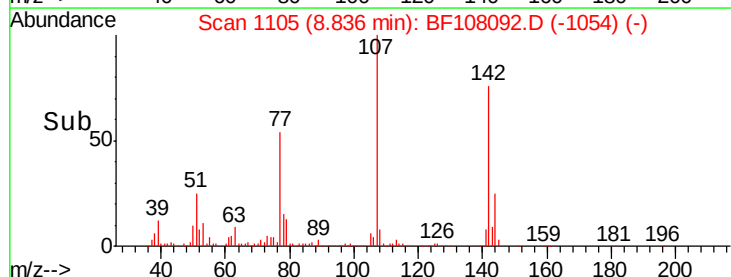
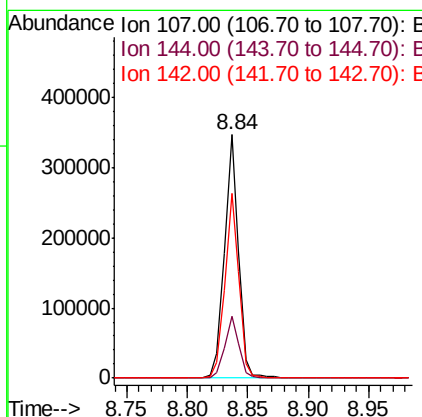
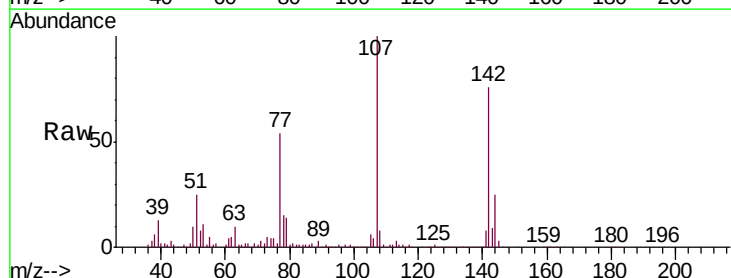
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

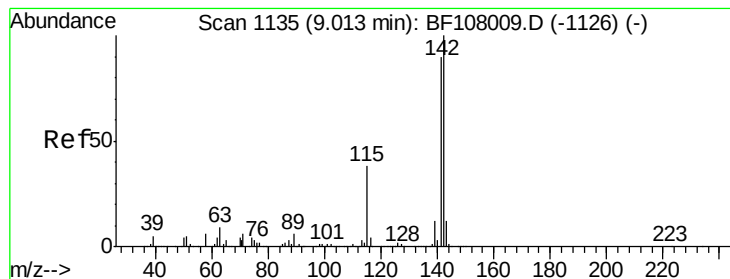
Tgt Ion:113 Resp: 85105
 Ion Ratio Lower Upper
 113 100
 55 220.8 163.3 203.3#
 56 154.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 17.664 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:107 Resp: 276610
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 76.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 18.779 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

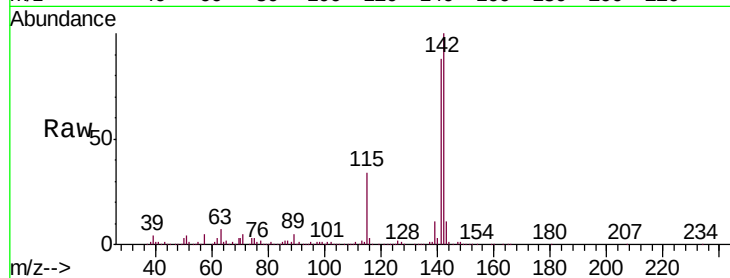
Tgt Ion:142 Resp: 628684

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

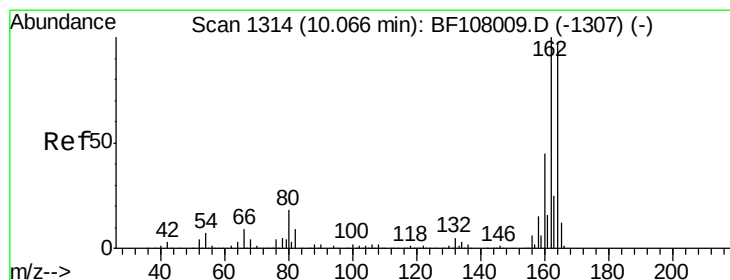
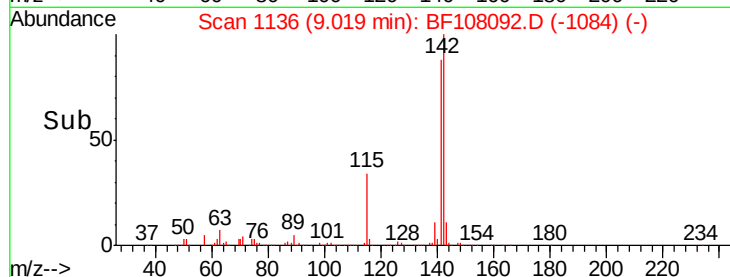
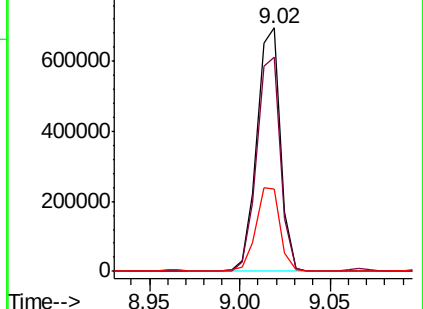
115 34.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

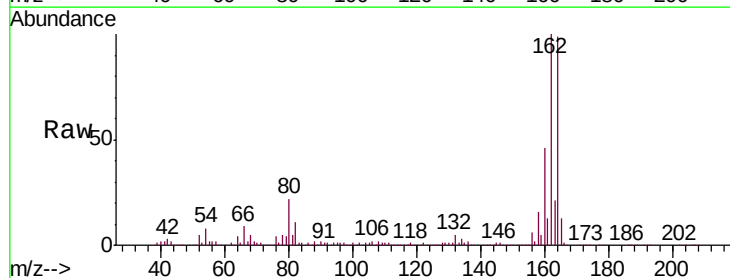
Tgt Ion:164 Resp: 446544

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

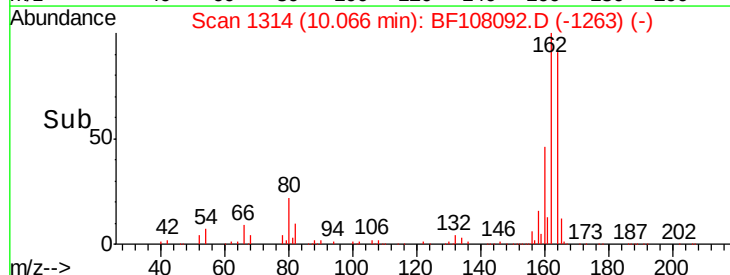
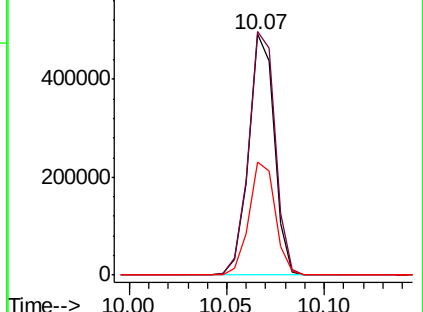
160 46.9 38.3 57.5

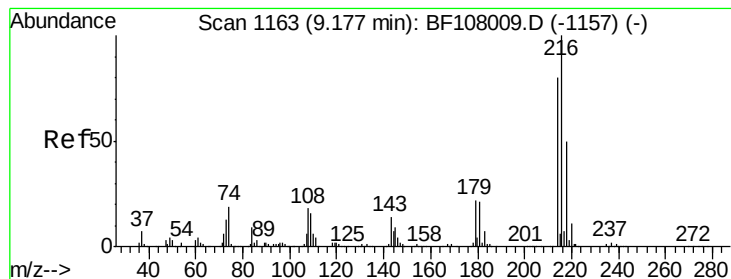


Abundance Ion 164.00 (163.70 to 164.70): E

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: 22.636 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

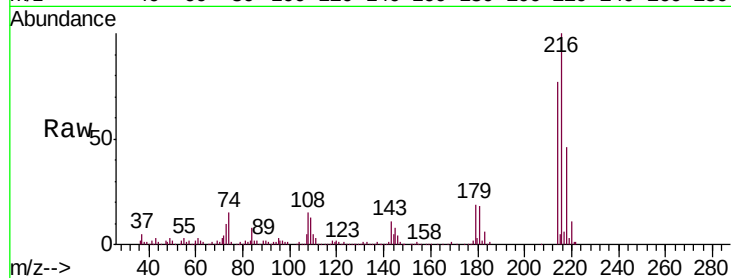
Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

Tgt Ion:	216	Resp:	310412
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	20.5	18.1	27.1
108	16.6	17.2	25.8#

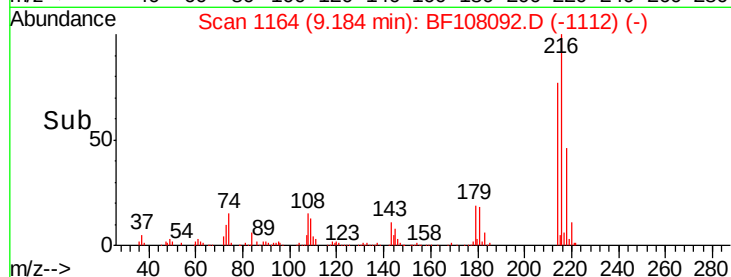
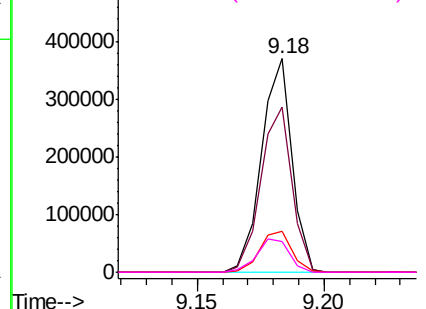


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.625 ng

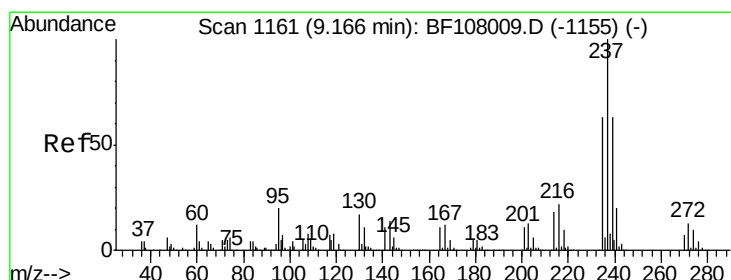
RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

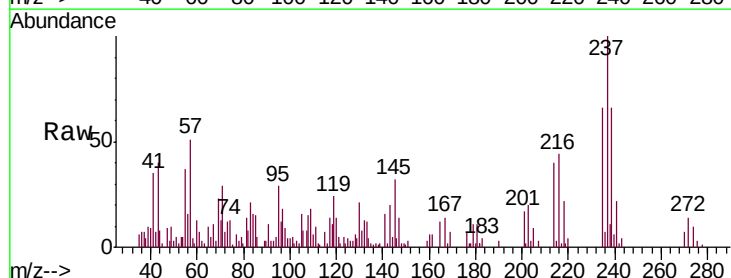
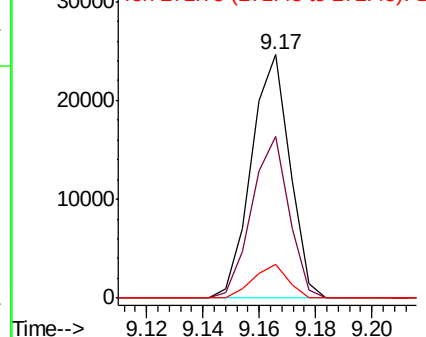
Tgt Ion:	237	Resp:	23253
Ion Ratio	Lower	Upper	
237	100		
235	66.2	44.8	84.8
272	13.9	0.0	33.3

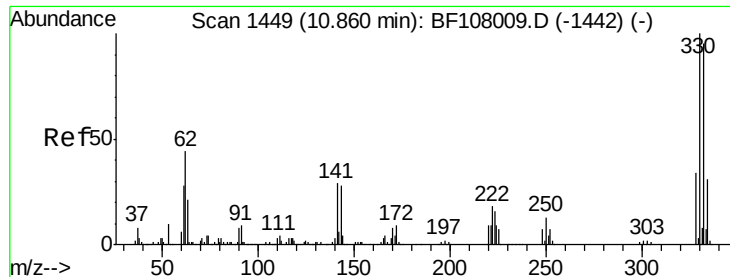


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

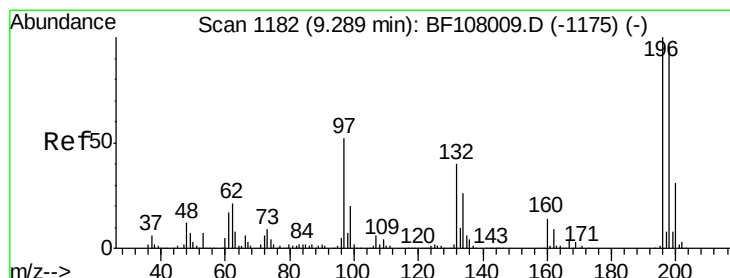
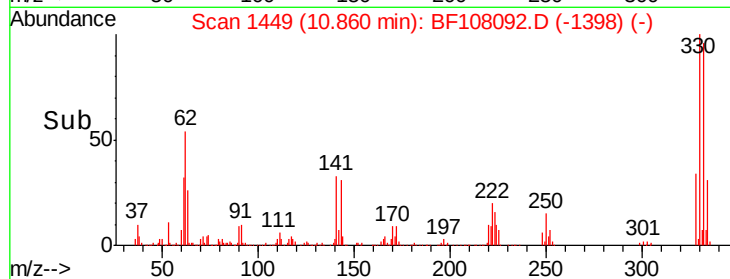
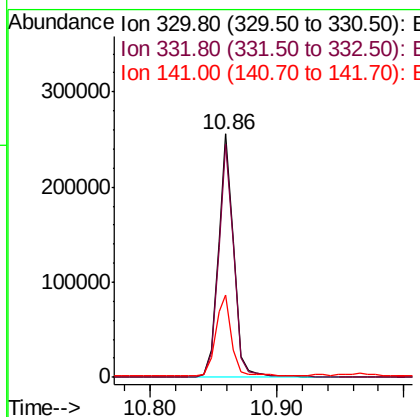
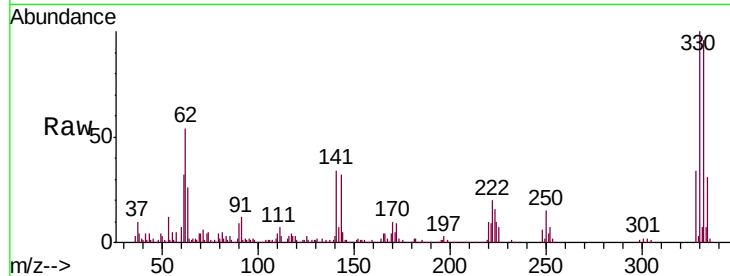




#41
 2,4,6-Tribromophenol
 Concen: 49.494 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

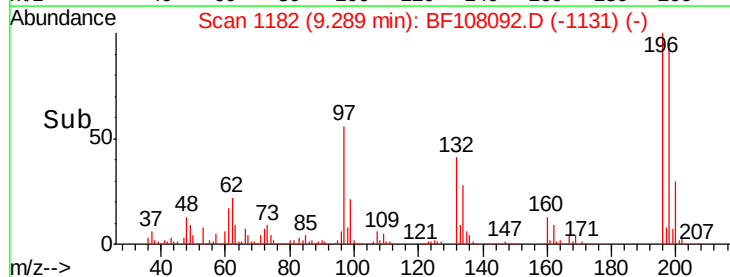
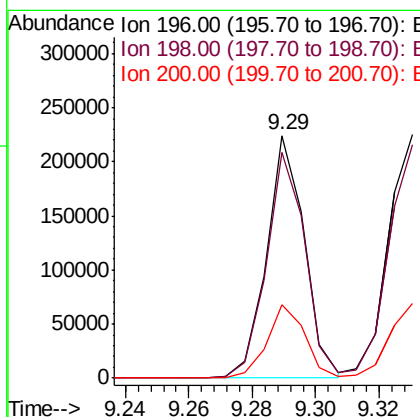
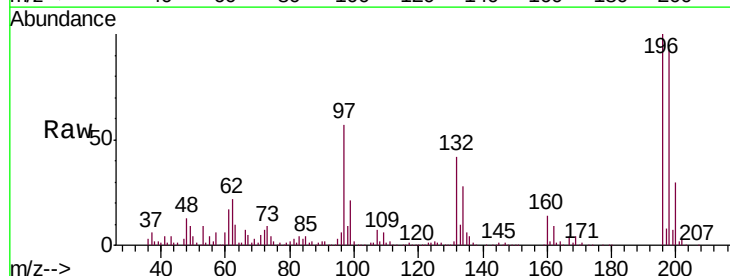
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

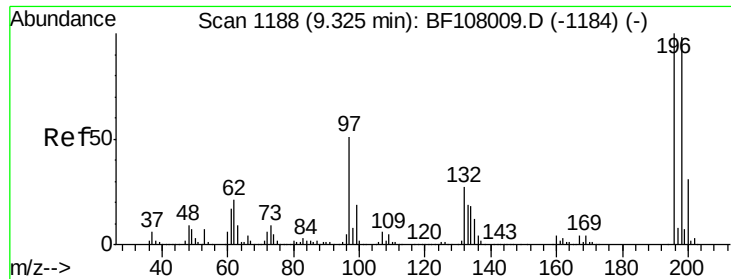
Tgt Ion:330 Resp: 220456
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 21.845 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:196 Resp: 185892
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.7 113.5
 200 30.1 24.5 36.7

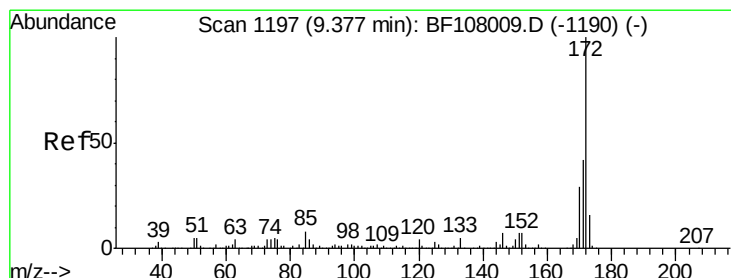
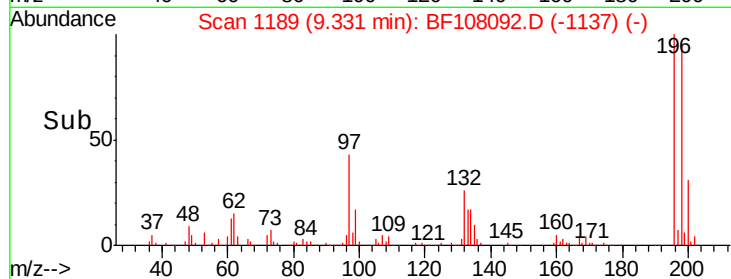
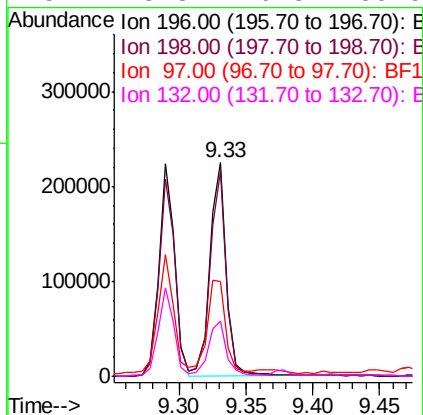
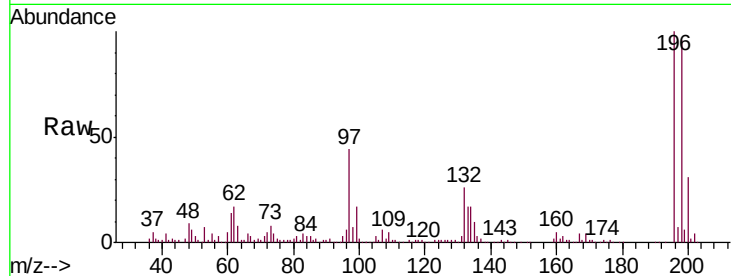




#43
 2,4,5-Trichlorophenol
 Concen: 20.533 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

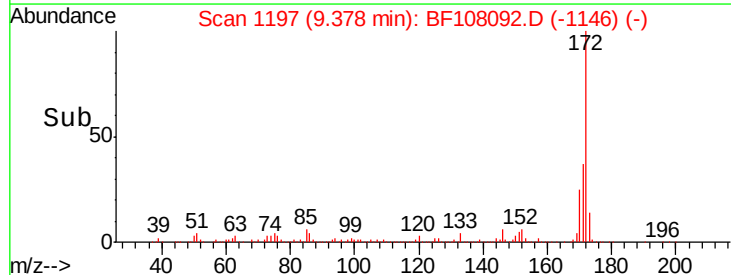
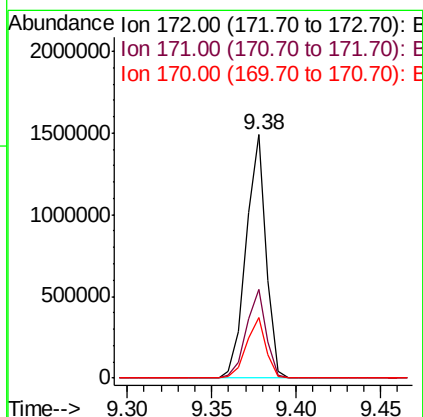
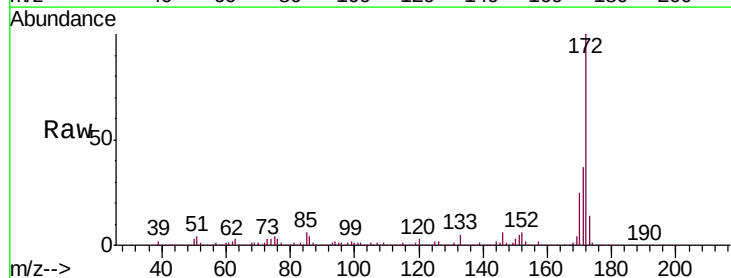
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

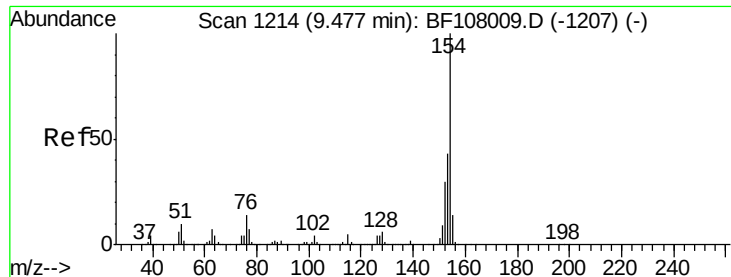
Tgt Ion:	196	Resp:	192341
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	44.2	42.9	64.3
132	25.8	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 44.188 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:	172	Resp:	1229029
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4

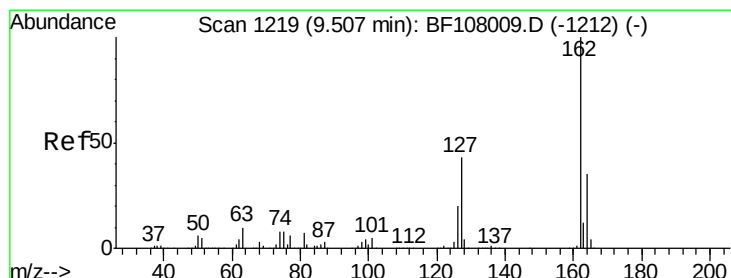
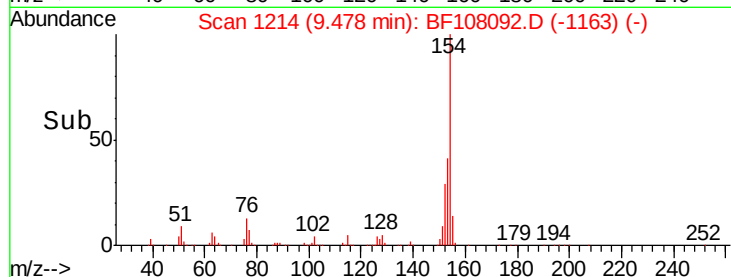
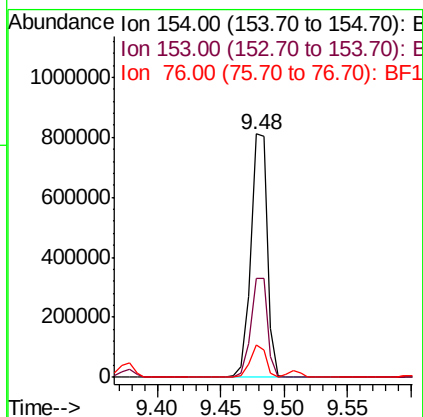
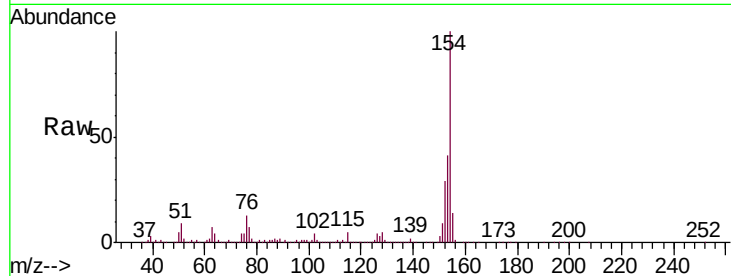




#45
 1,1'-Biphenyl
 Concen: 22.544 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

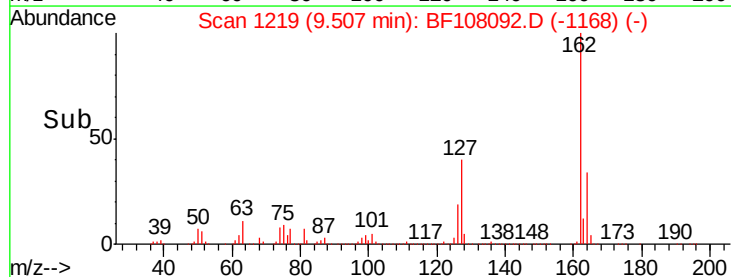
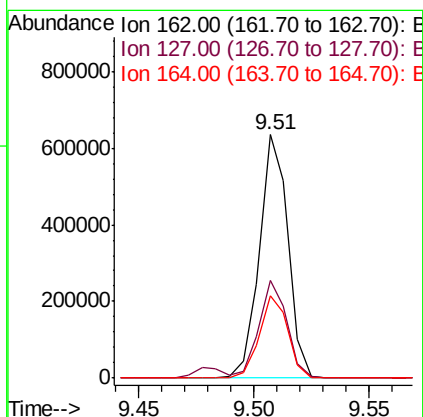
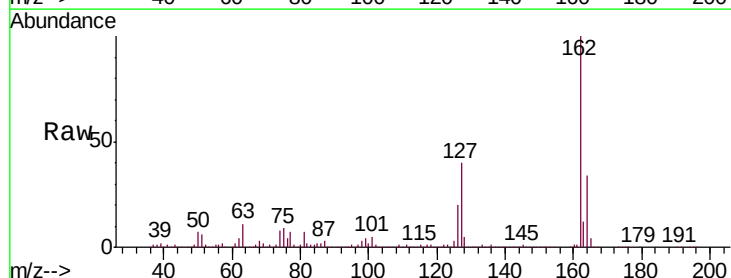
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

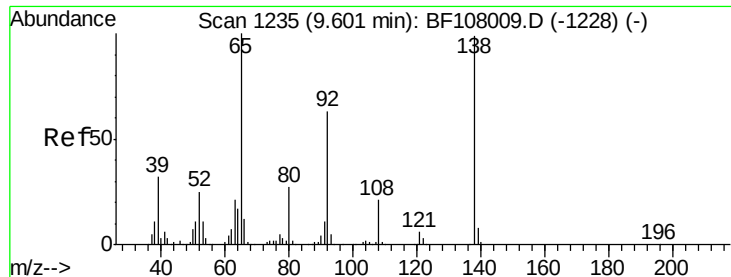
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.5	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 21.101 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.8	26.5	39.7





#47

2-Nitroaniline

Concen: 21.585 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

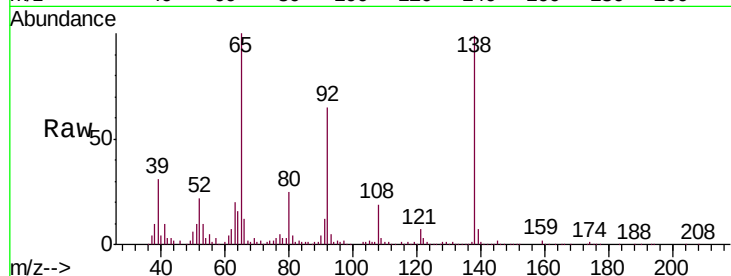
Tgt Ion: 65 Resp: 181741

Ion Ratio Lower Upper

65 100

92 65.5 55.8 83.6

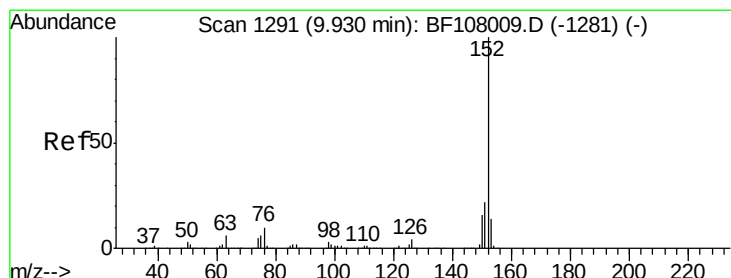
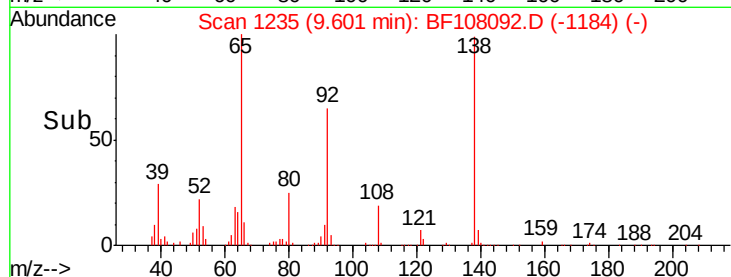
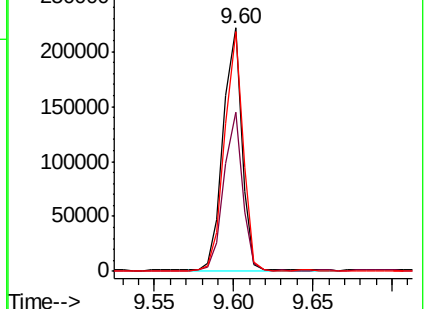
138 98.6 91.2 136.8



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: 20.631 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

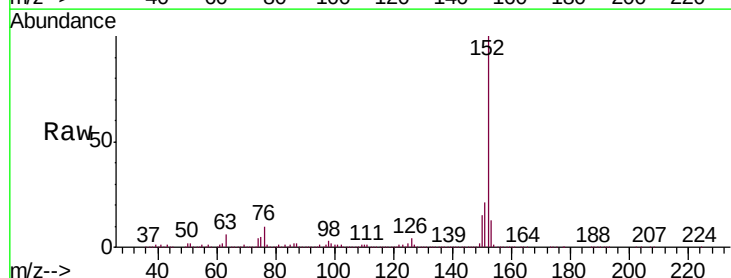
Tgt Ion: 152 Resp: 848724

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

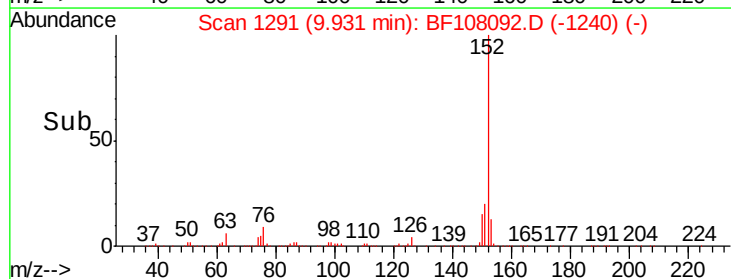
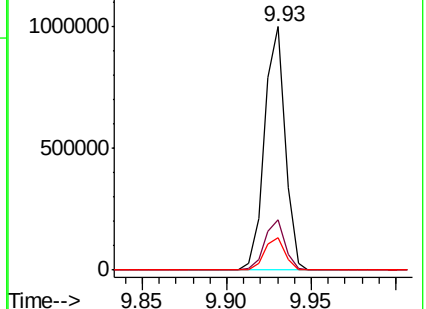
153 13.3 10.7 16.1

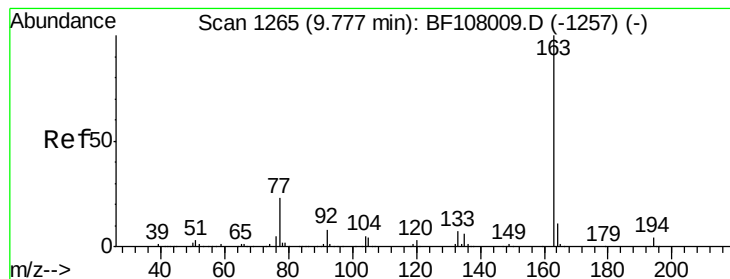


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 24.866 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

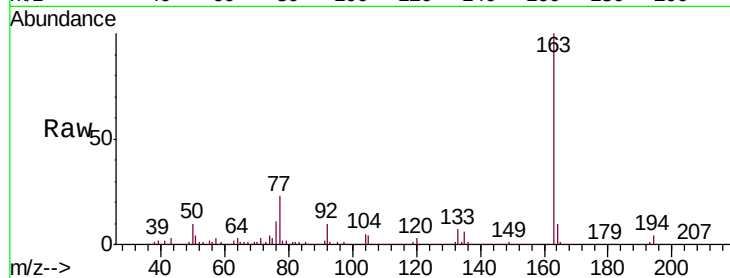
Tgt Ion:163 Resp: 773479

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

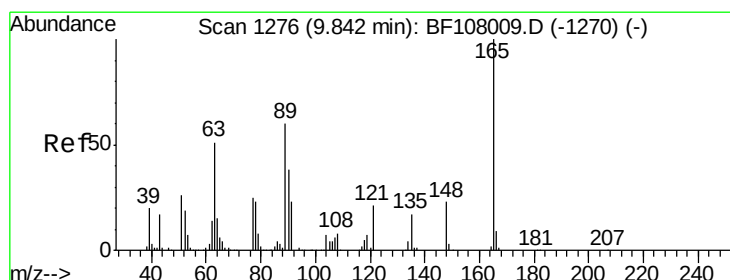
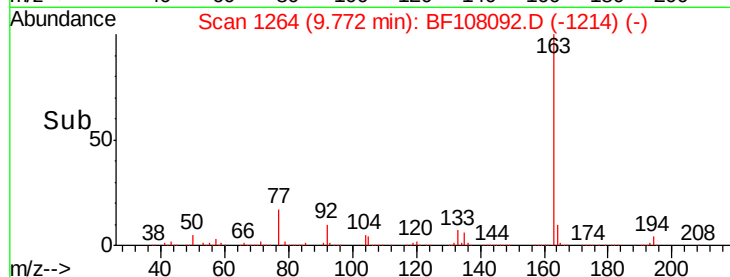
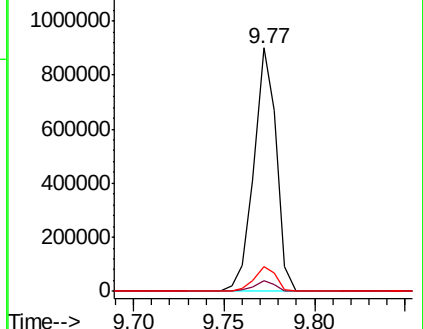
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 19.651 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

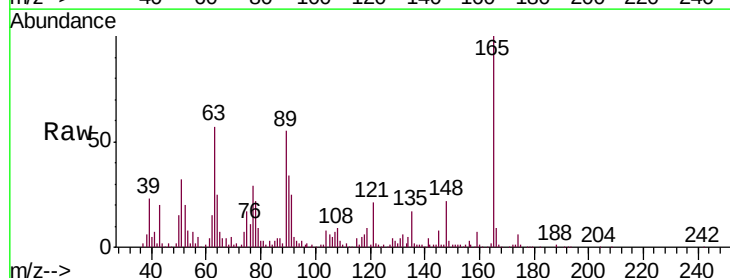
Tgt Ion:165 Resp: 127887

Ion Ratio Lower Upper

165 100

63 56.9 44.7 67.1

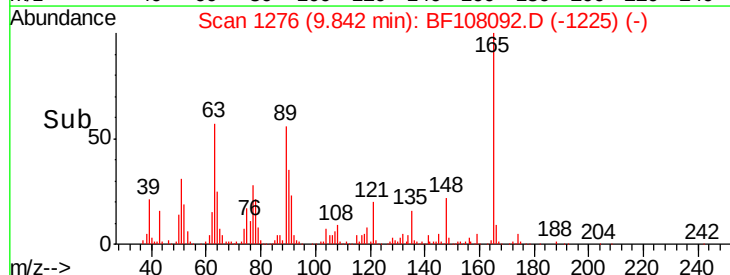
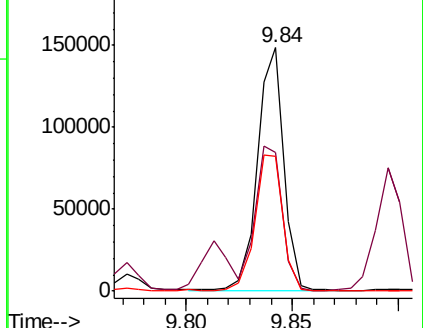
89 55.3 44.0 66.0

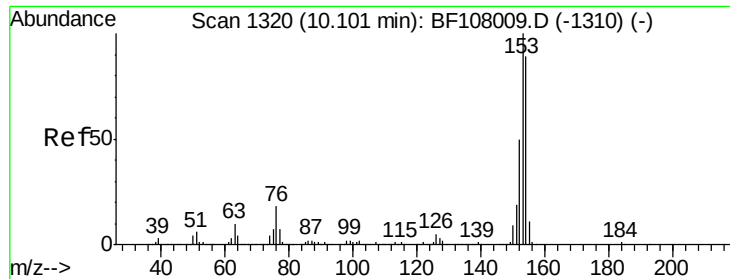


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 19.550 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

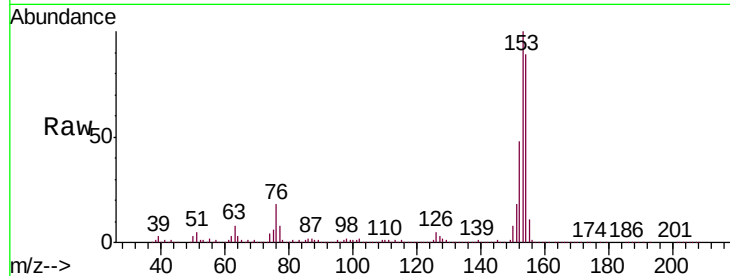
Tgt Ion:154 Resp: 492613

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

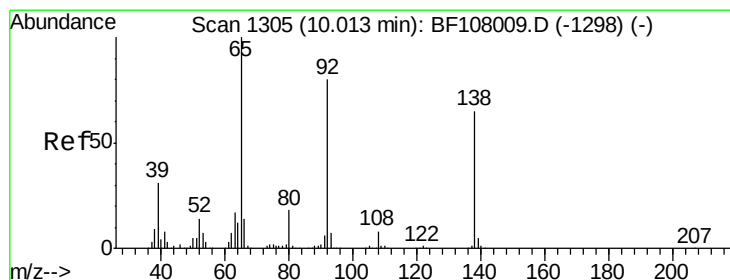
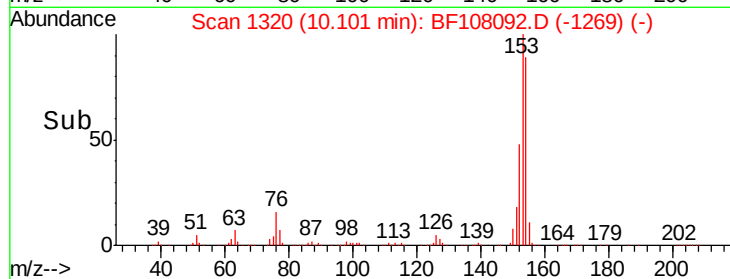
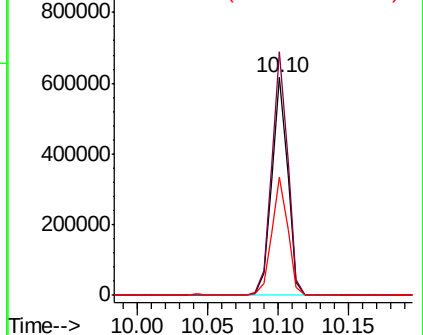
152 54.0 43.8 65.8



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: 18.225 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

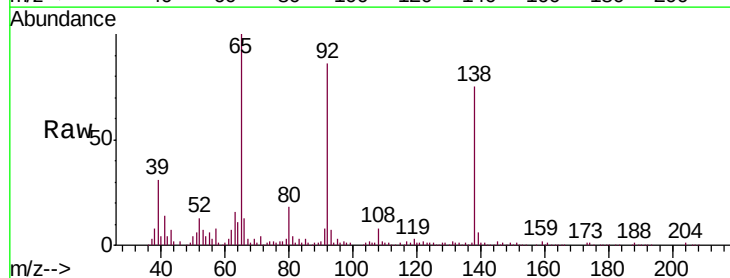
Tgt Ion:138 Resp: 129767

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

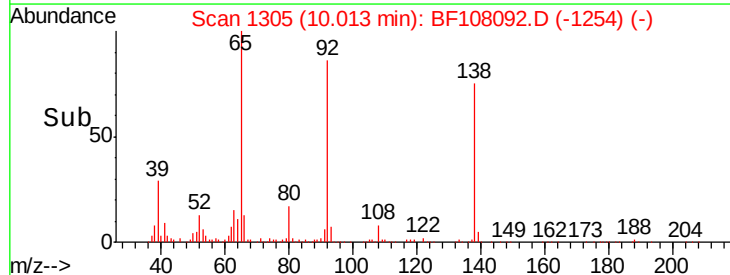
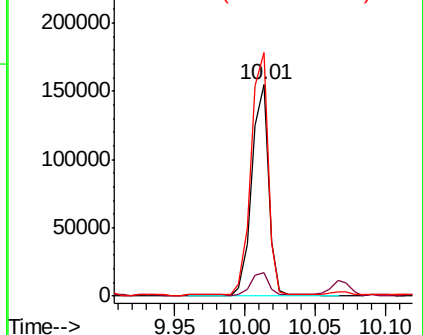
92 115.3 89.4 134.2

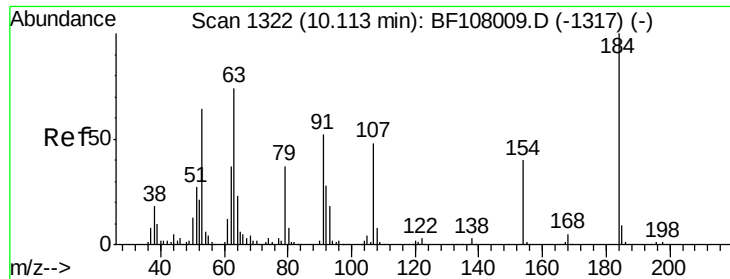


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

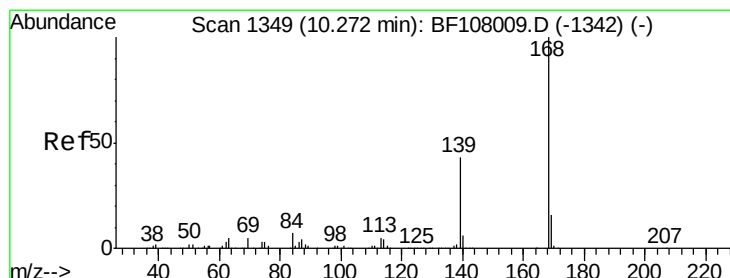
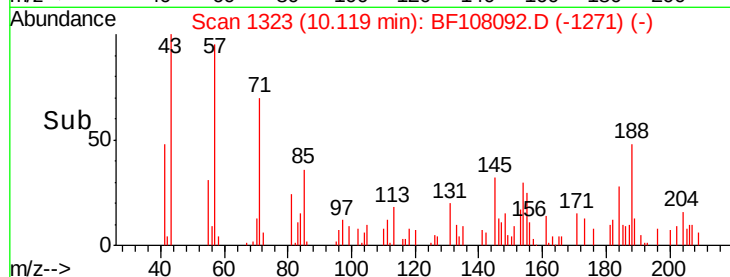
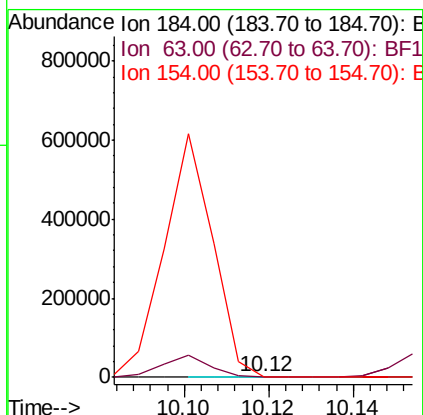
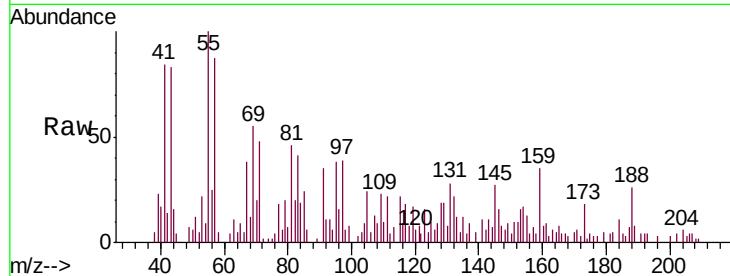




#53
2,4-Dinitrophenol
Concen: 7.457 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

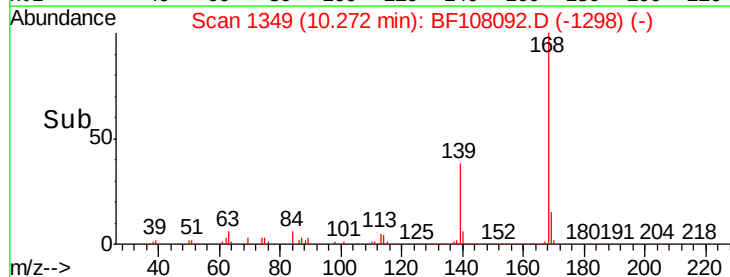
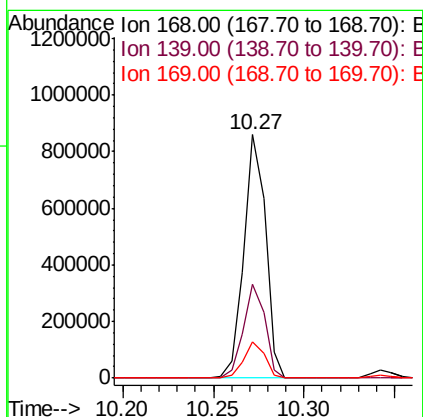
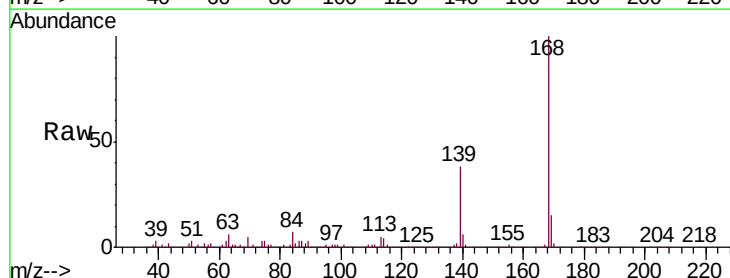
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

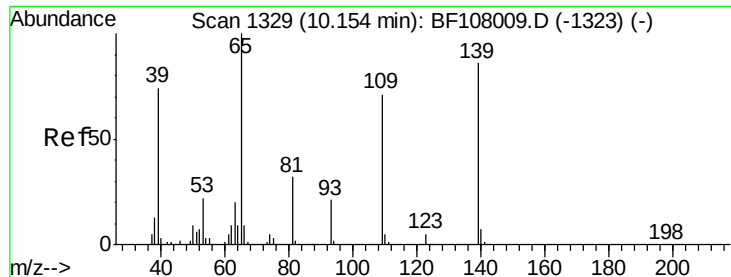
Tgt Ion:184 Resp: 1164
Ion Ratio Lower Upper
184 100
63 98.1 54.2 81.2#
154 155.1 184.0 276.0#



#54
Dibenzofuran
Concen: 19.588 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:168 Resp: 715060
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 14.7 10.9 16.3

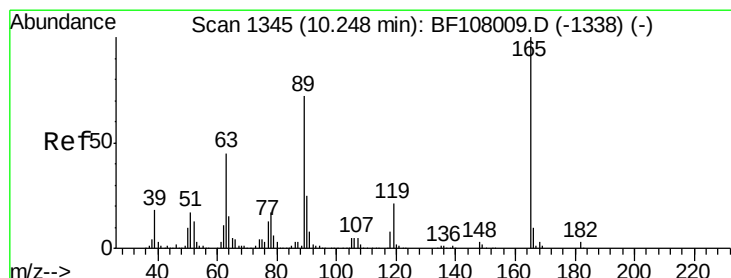
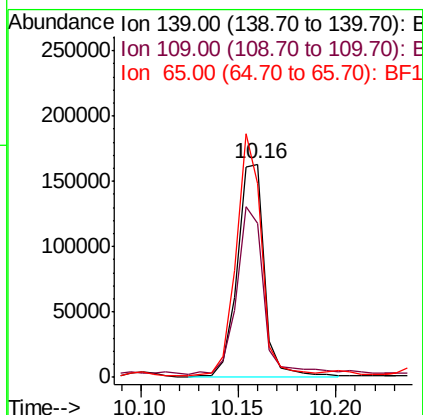
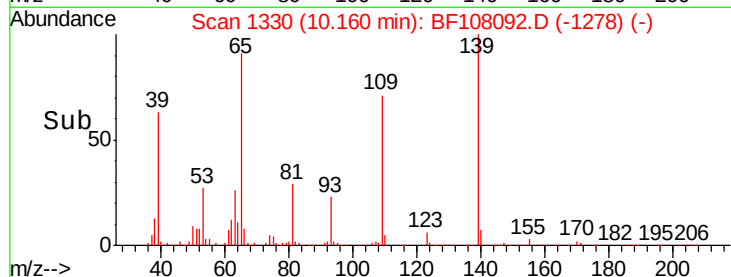
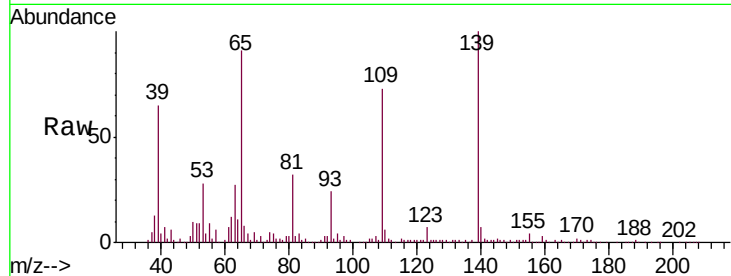




#55
4-Nitrophenol
Concen: 28.682 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

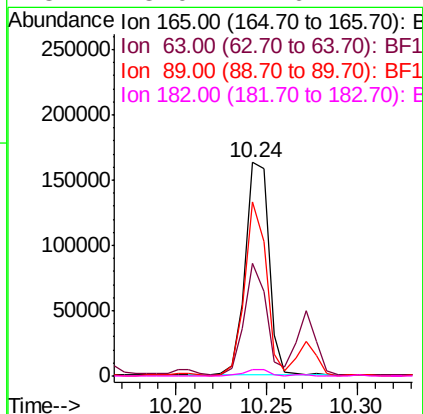
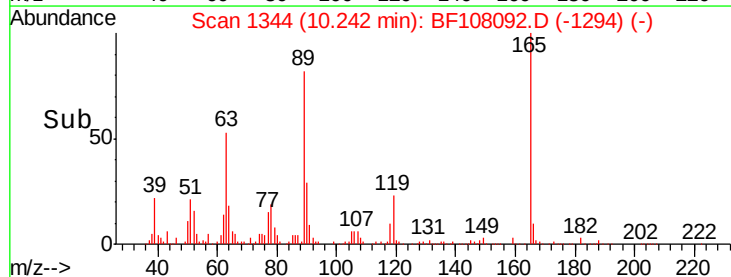
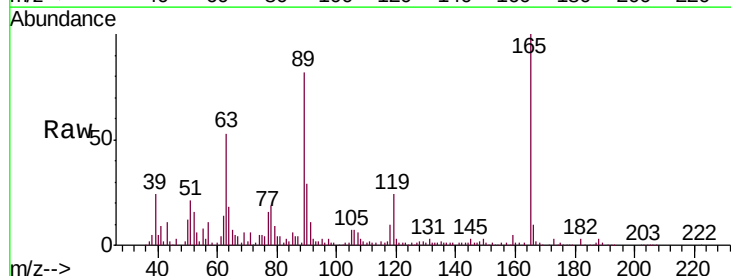
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

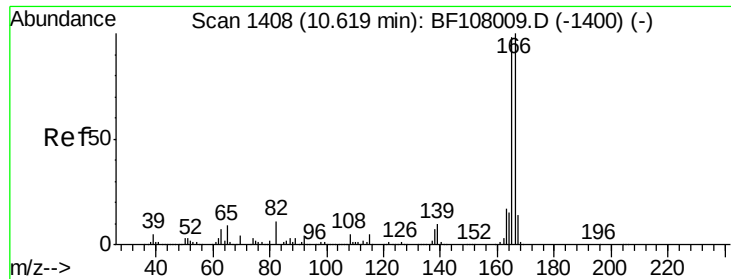
Tgt Ion:139 Resp: 154651
Ion Ratio Lower Upper
139 100
109 72.6 48.4 88.4
65 91.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 17.569 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:165 Resp: 147172
Ion Ratio Lower Upper
165 100
63 53.0 36.4 54.6
89 81.5 57.8 86.6
182 3.0 1.6 2.4#

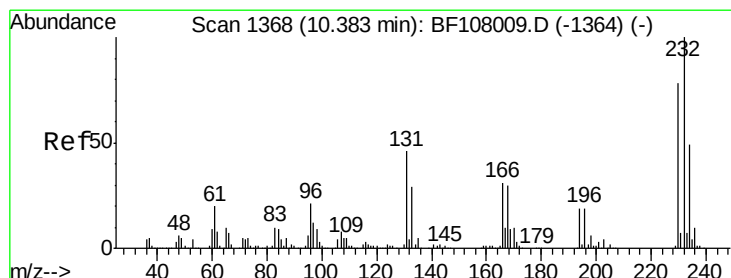
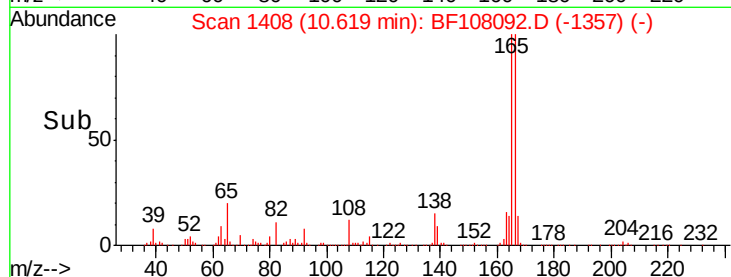
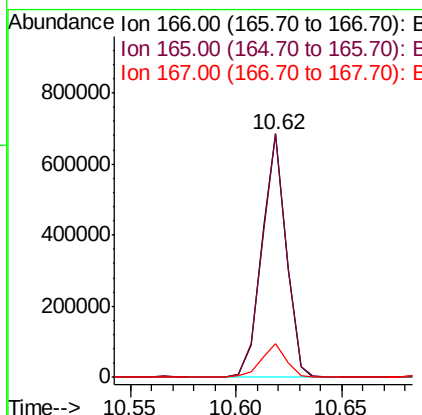
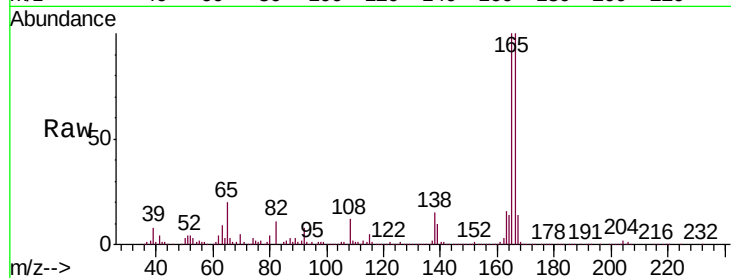




#57
 Fluorene
 Concen: 18.943 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

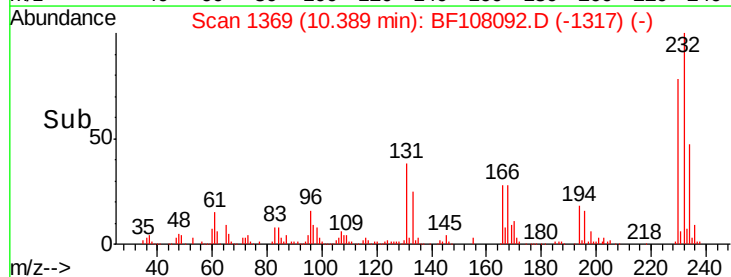
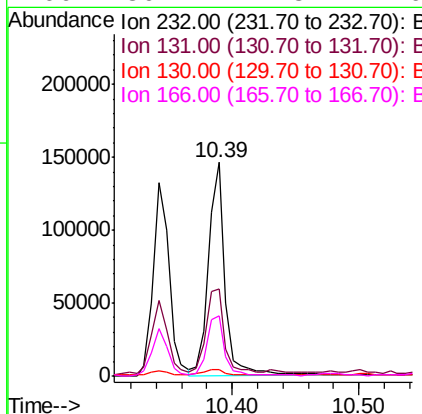
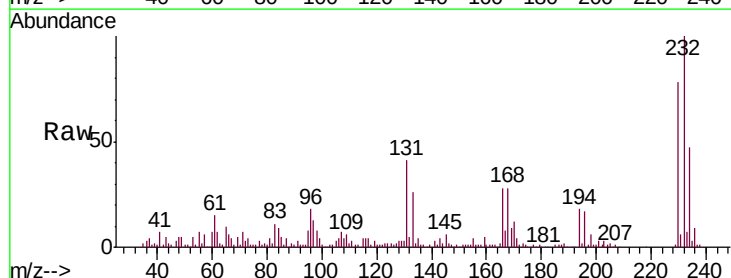
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

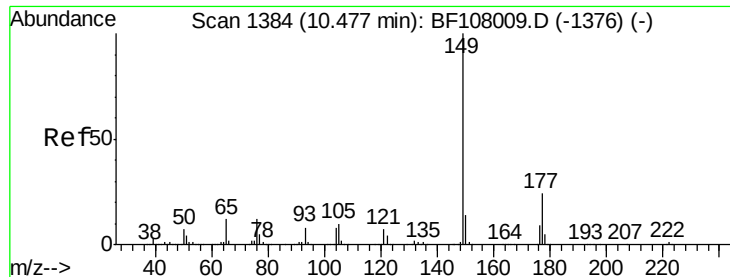
Tgt Ion:166 Resp: 547425
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 17.113 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:232 Resp: 133985
 Ion Ratio Lower Upper
 232 100
 131 42.0 43.8 65.8#
 130 3.2 2.1 3.1#
 166 30.7 27.8 41.6

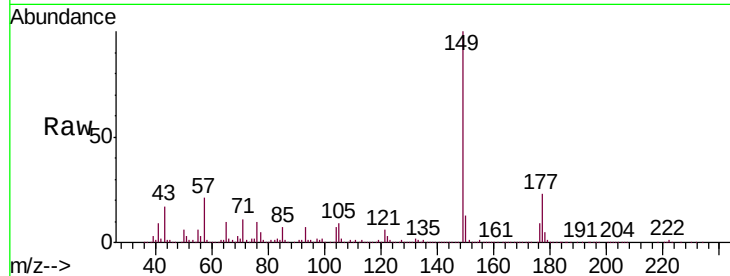




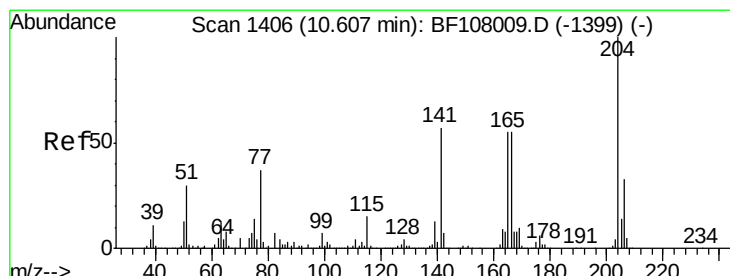
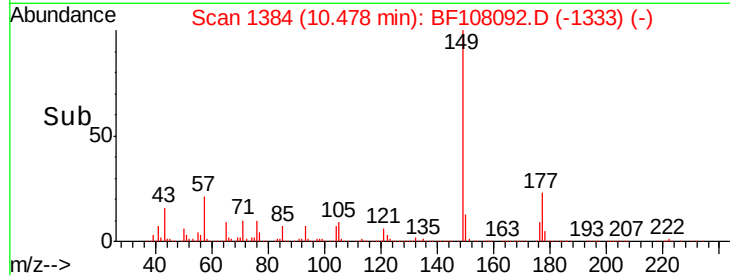
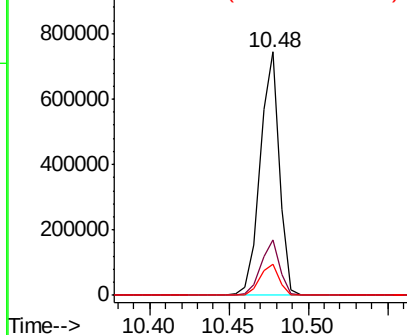
#59
Diethylphthalate
Concen: 20.720 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion:149 Resp: 624104
Ion Ratio Lower Upper
149 100
177 22.8 16.1 24.1
150 12.6 10.1 15.1

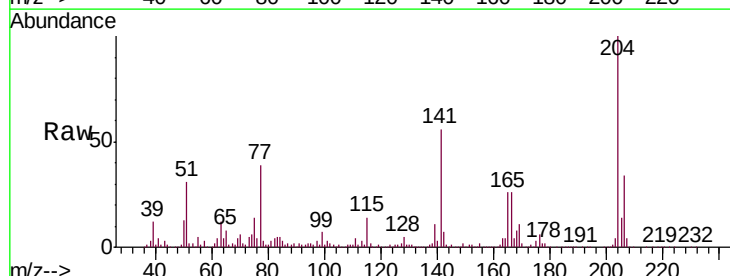


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

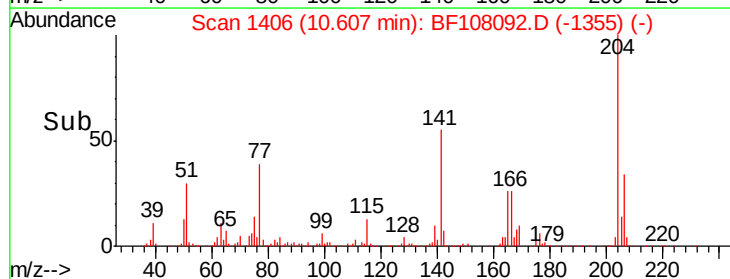
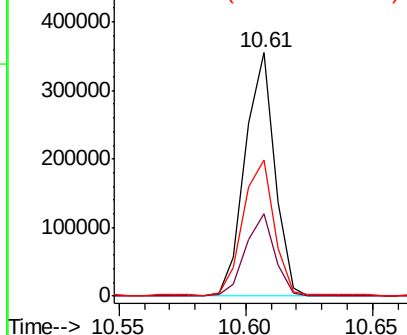


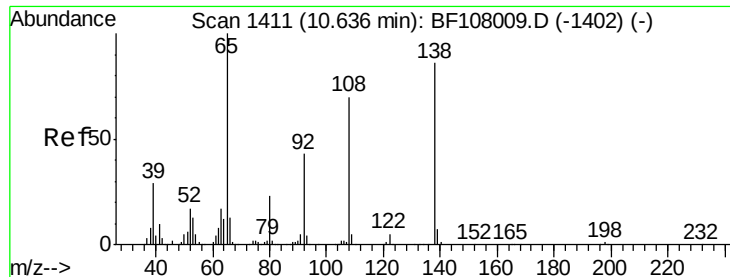
#60
4-Chlorophenyl-phenylether
Concen: 19.210 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:204 Resp: 289265
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 56.0 54.6 81.8



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

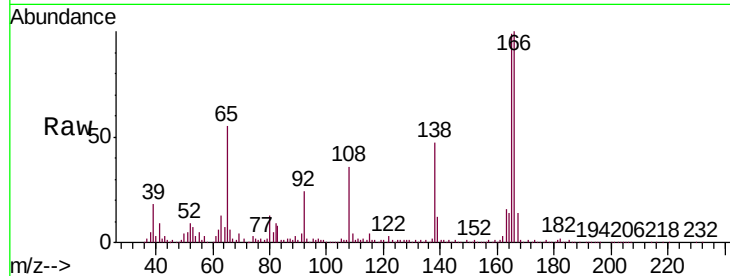




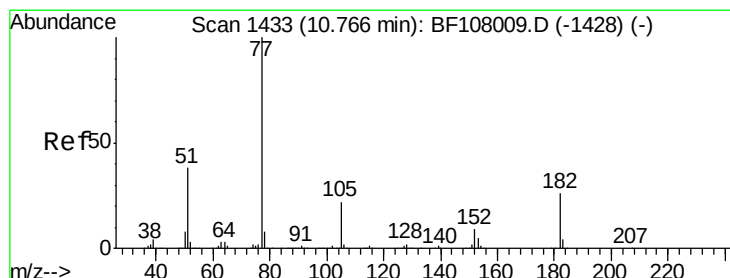
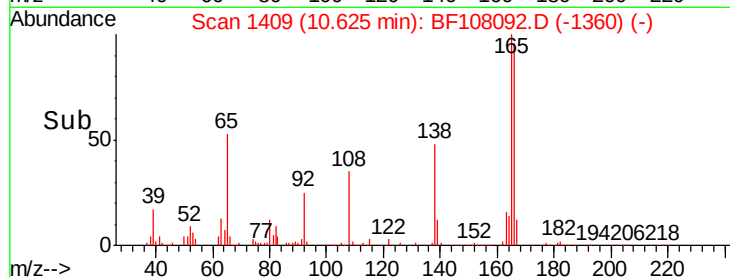
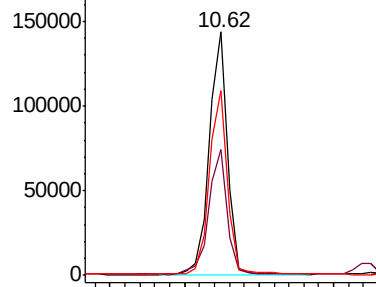
#61
4-Nitroaniline
Concen: 17.236 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Tgt Ion: 138 Resp: 121338
Ion Ratio Lower Upper
138 100
92 51.9 30.2 70.2
108 76.1 52.5 92.5

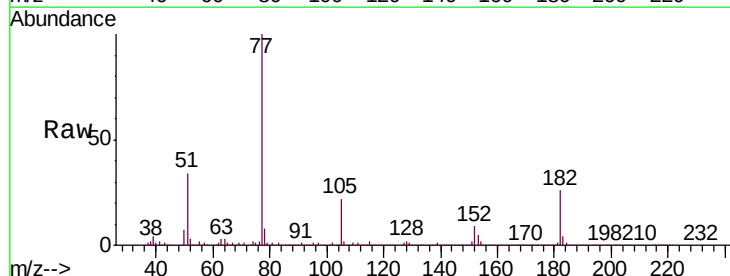


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

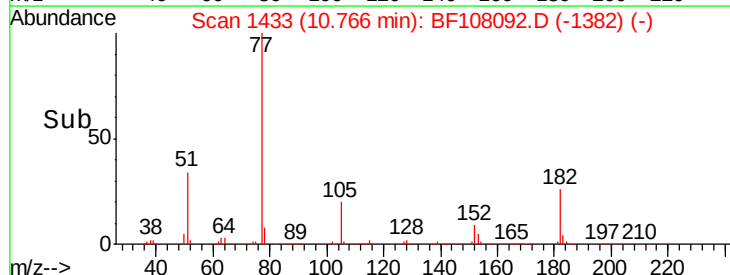
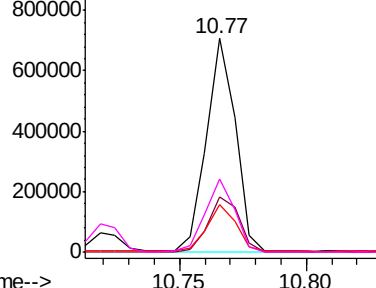


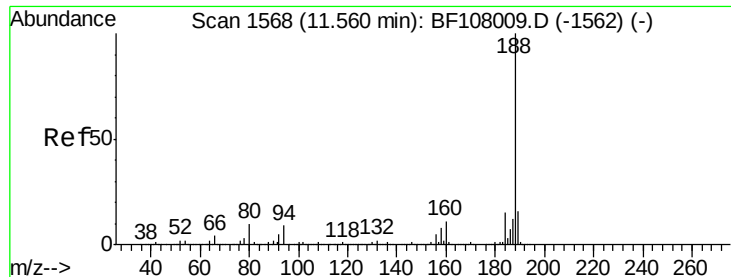
#62
Azobenzene
Concen: 17.933 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion: 77 Resp: 557817
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 22.5 3.0 43.0
51 34.4 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

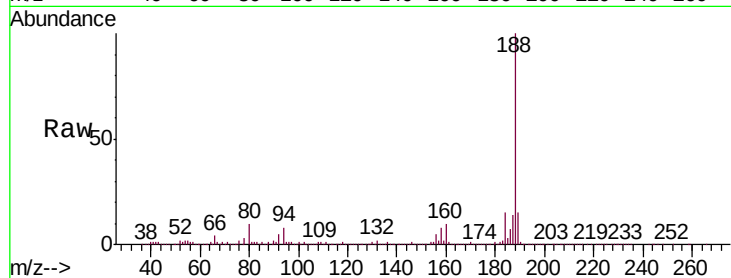
Tgt Ion:188 Resp: 704788

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

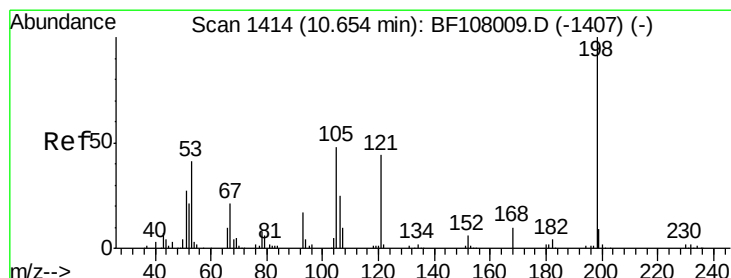
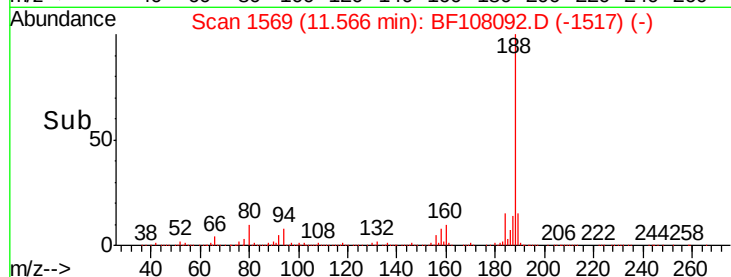
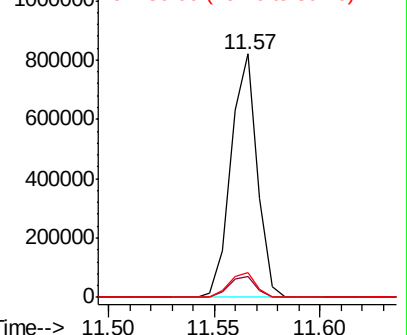
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.830 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

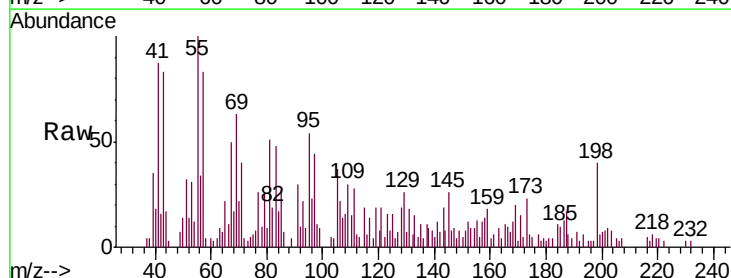
Tgt Ion:198 Resp: 4384

Ion Ratio Lower Upper

198 100

51 79.5 37.7 77.7#

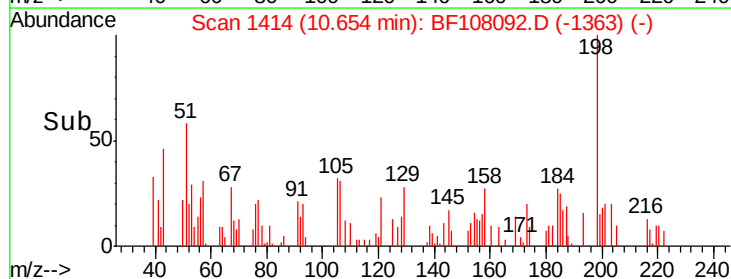
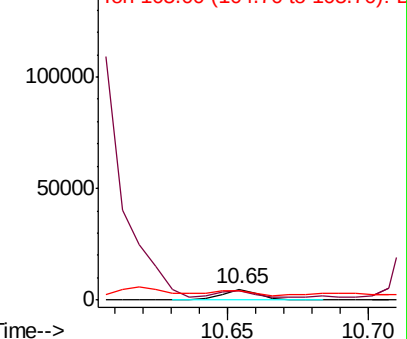
105 90.4 36.3 76.3#

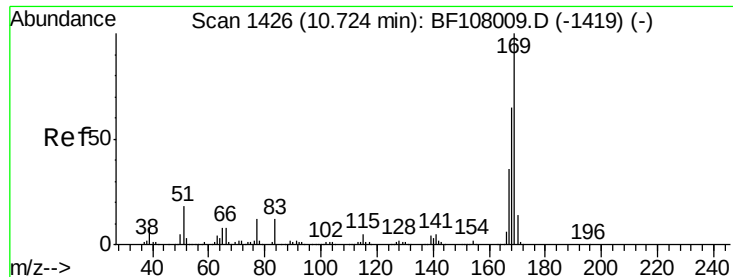


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

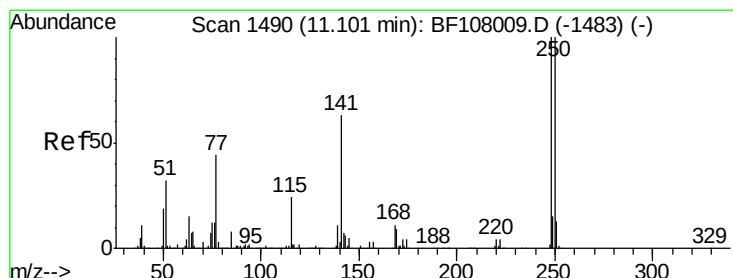
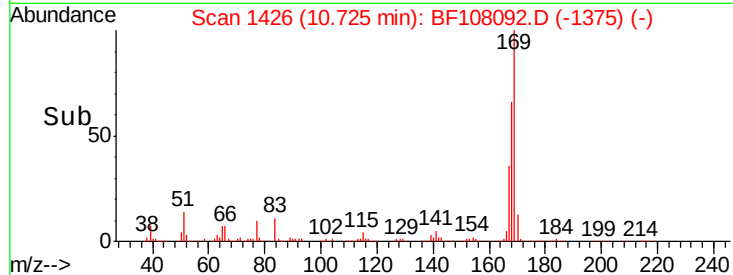
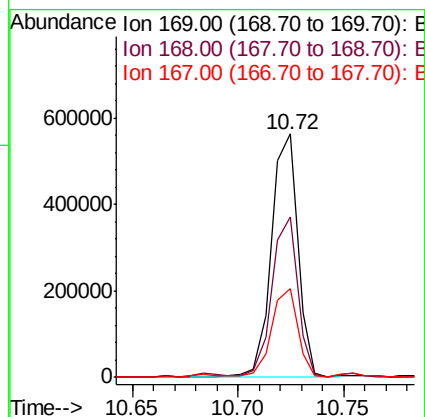
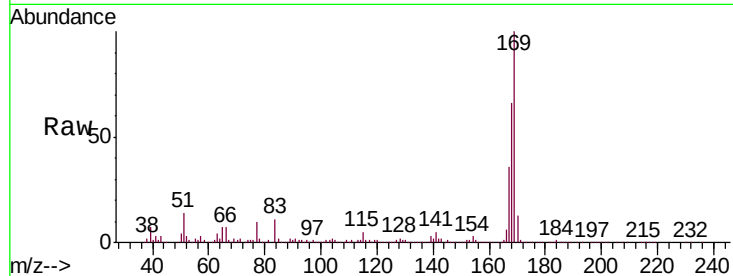




#65
 n-Nitrosodiphenylamine
 Concen: 23.723 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

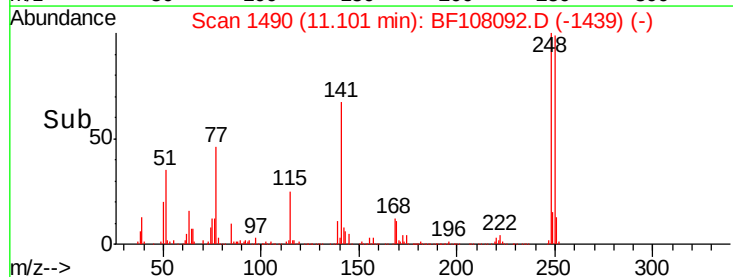
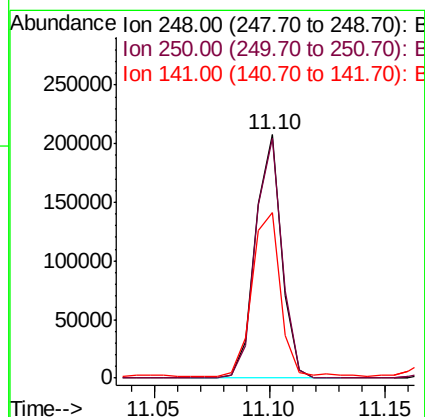
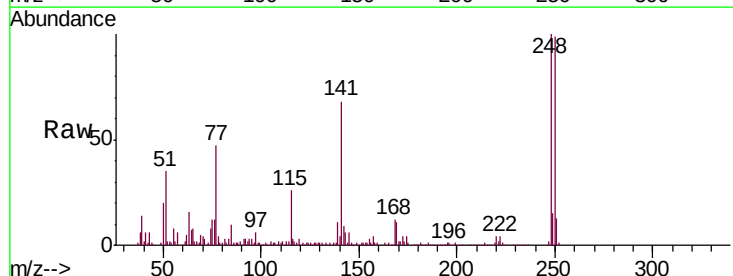
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

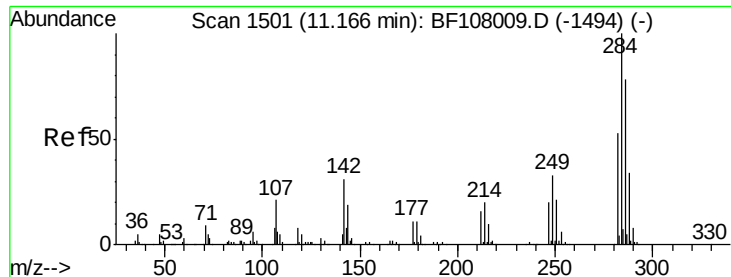
Tgt Ion:169 Resp: 494076
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.4 81.6
 167 36.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 21.615 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion:248 Resp: 165556
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 68.0 74.4 111.6#

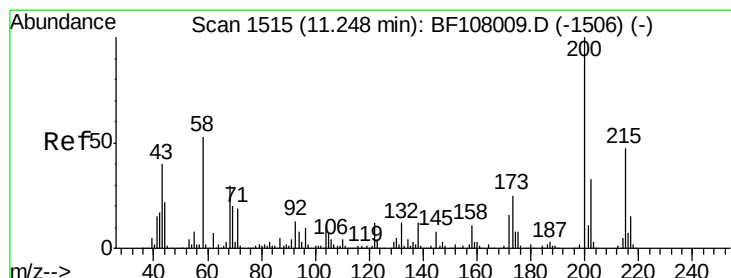
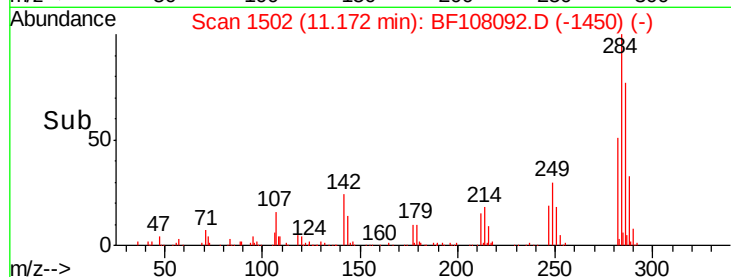
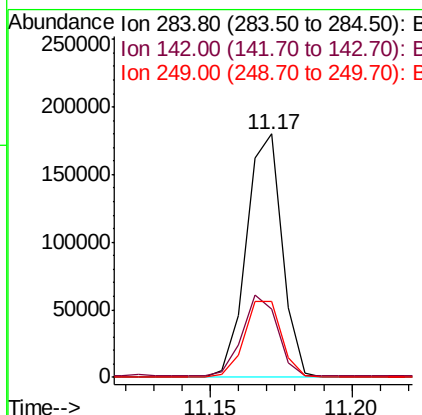
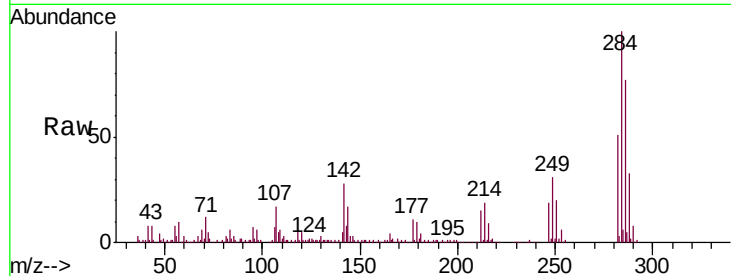




#67
Hexachlorobenzene
Concen: 19.625 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

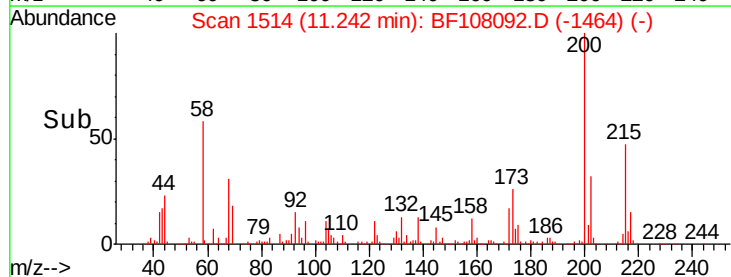
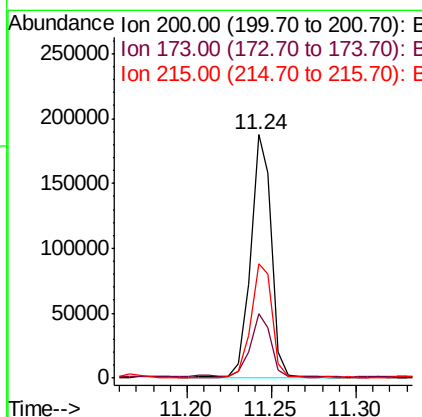
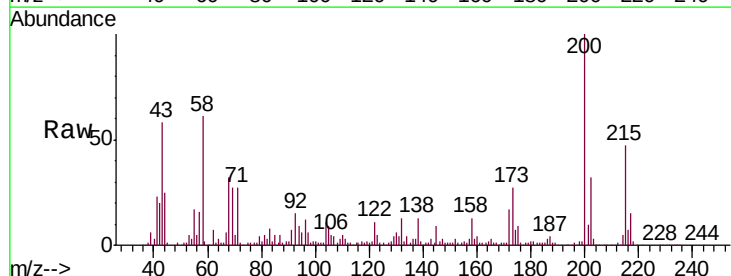
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

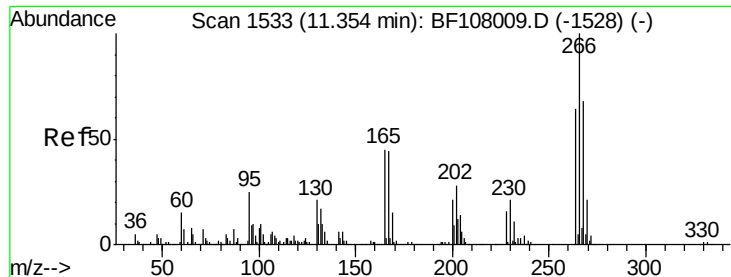
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	34.6	52.0#
249	31.4	24.8	37.2



#68
Atrazine
Concen: 22.890 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	47.2	25.1	65.1

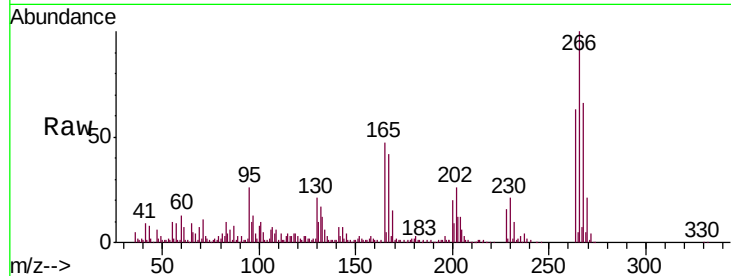




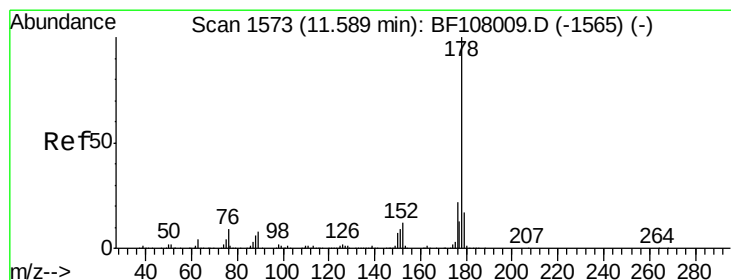
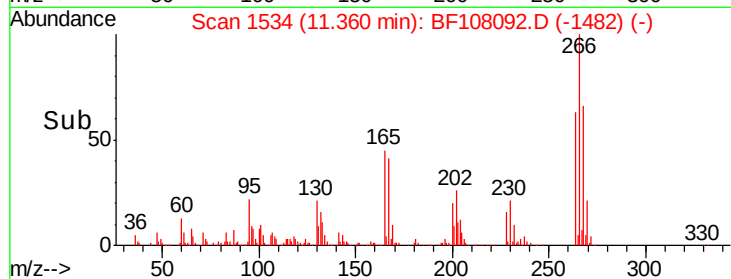
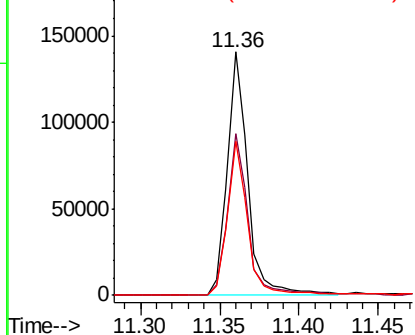
#69
 Pentachlorophenol
 Concen: 32.817 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	63.2	49.5	74.3

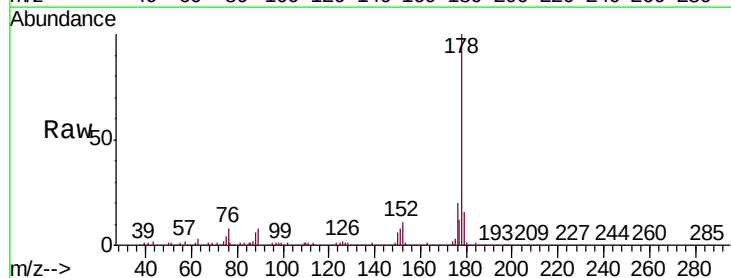


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

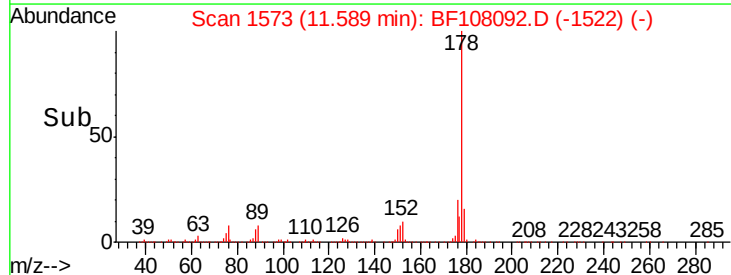
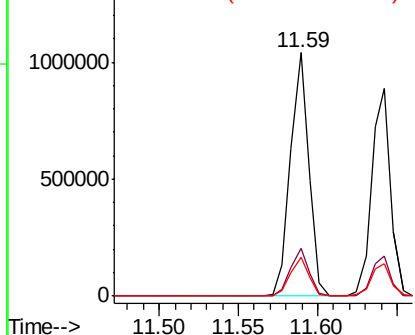


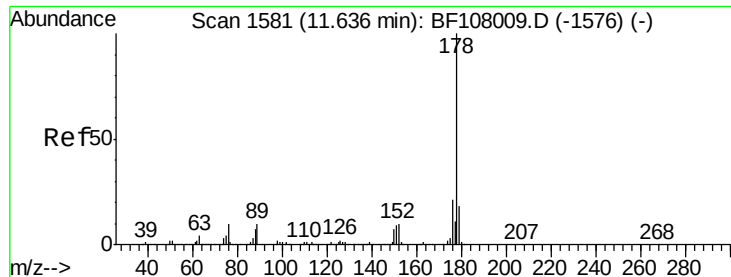
#70
 Phenanthrene
 Concen: 25.216 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6



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

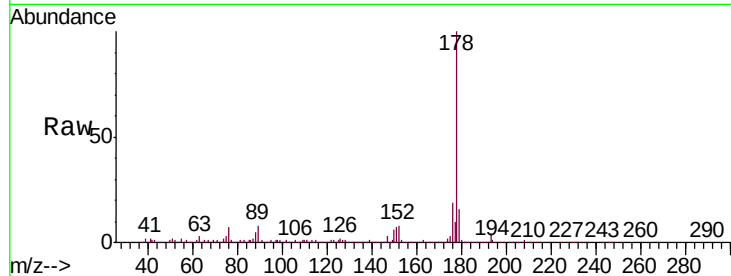




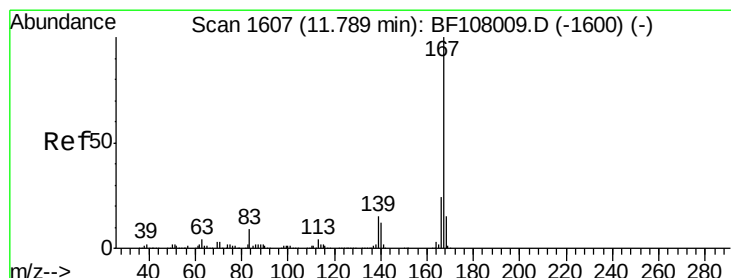
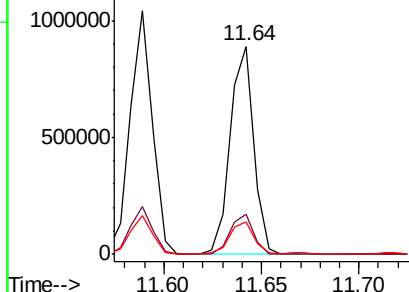
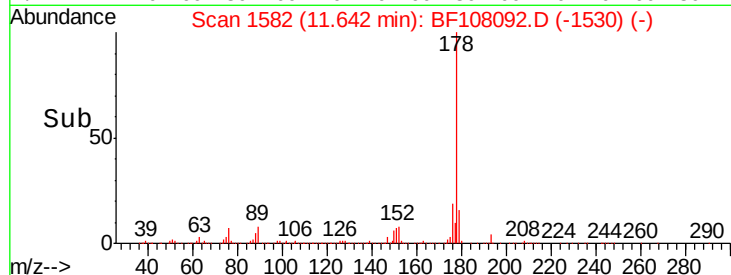
#71
 Anthracene
 Concen: 21.738 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

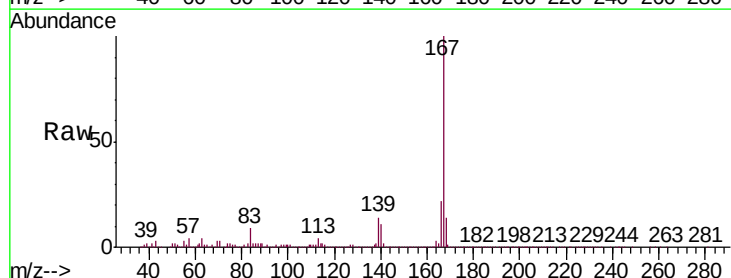


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

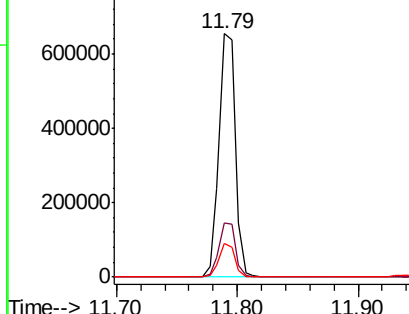
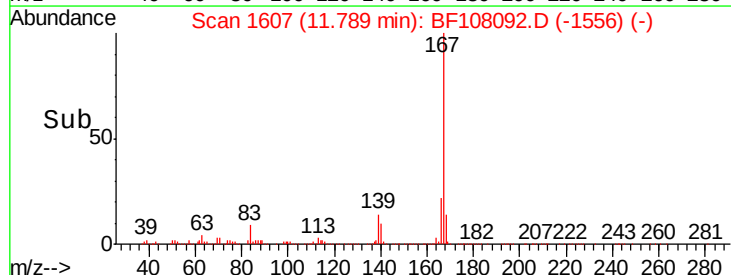


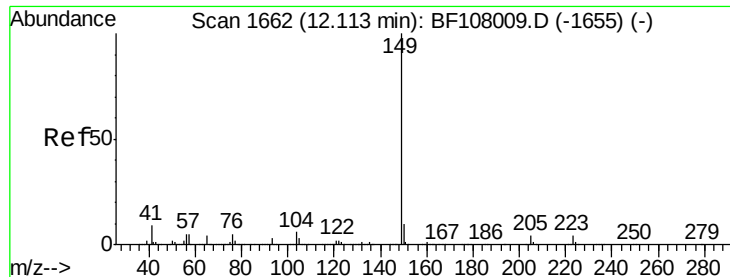
#72
 Carbazole
 Concen: 20.084 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.7	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 23.919 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

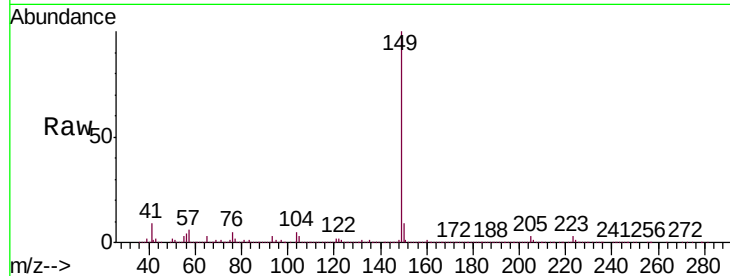
Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

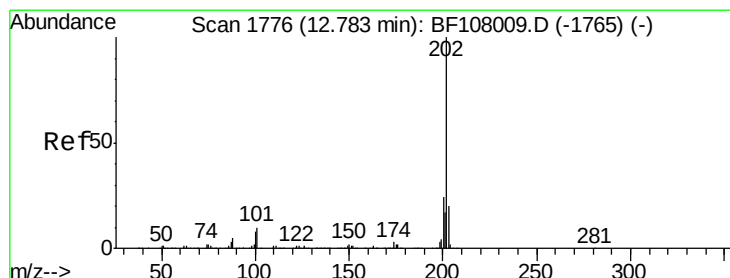
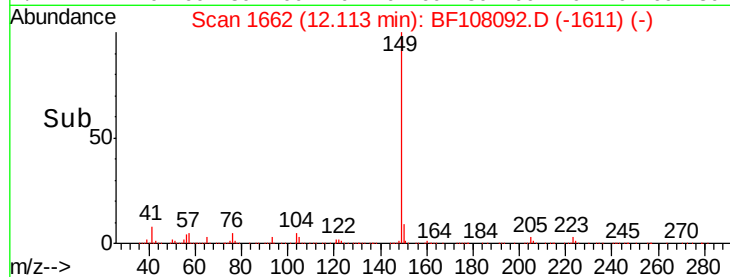
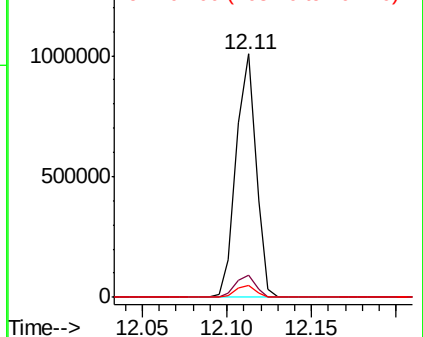
Tgt Ion:	149	Resp:	820135
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.1	3.8	5.8



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: 26.318 ng

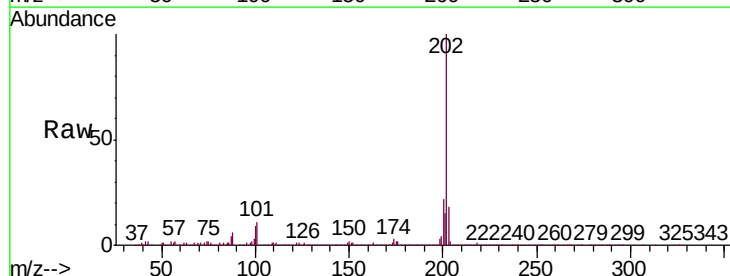
RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

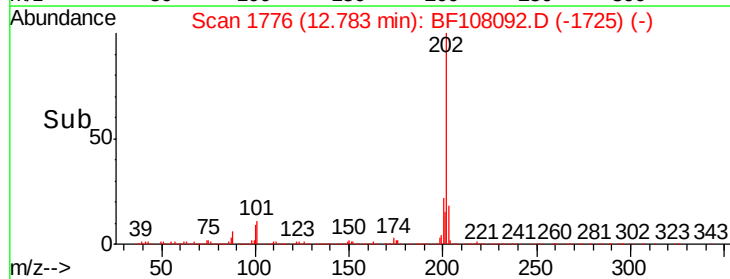
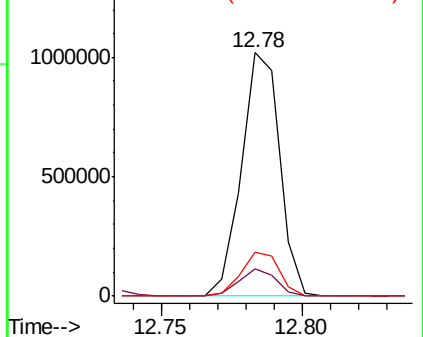
Tgt Ion:	202	Resp:	954815
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	18.1	0.0	38.1

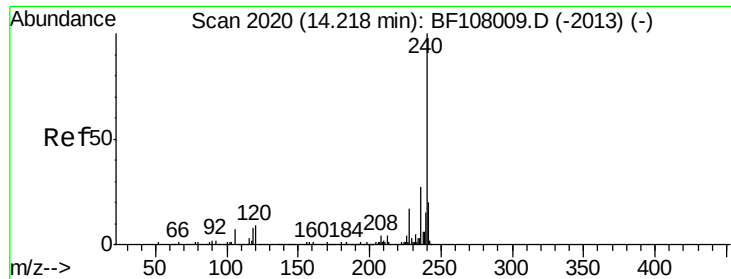


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2021

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

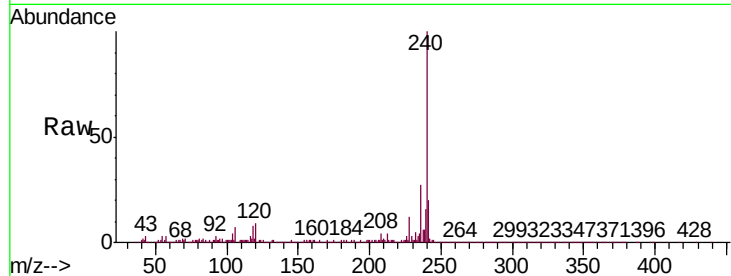
Tgt Ion:240 Resp: 629858

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

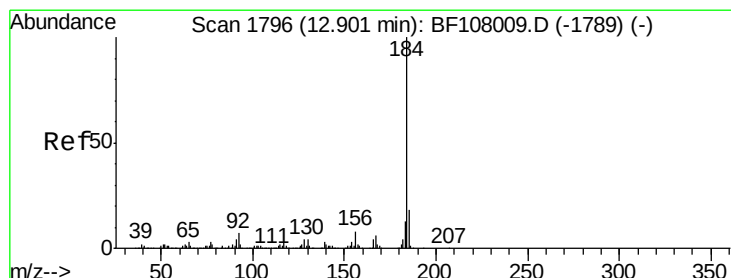
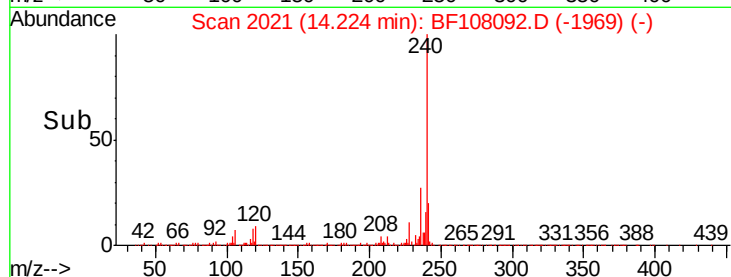
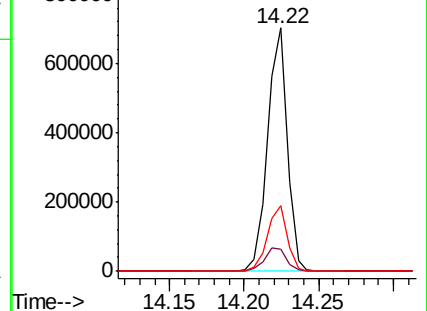
236 27.1 20.7 31.1



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: 20.884 ng

RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

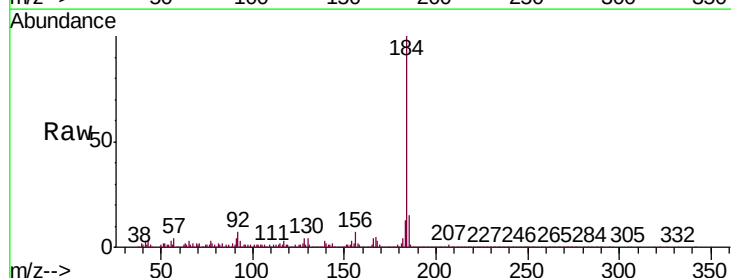
Tgt Ion:184 Resp: 491474

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

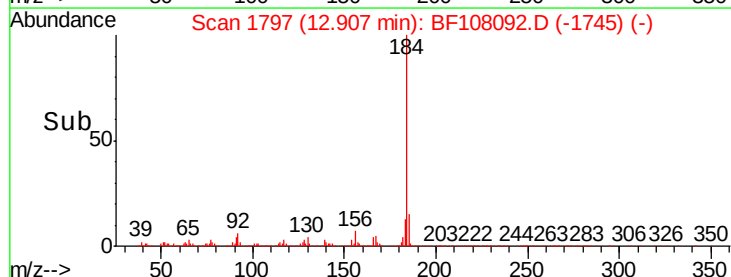
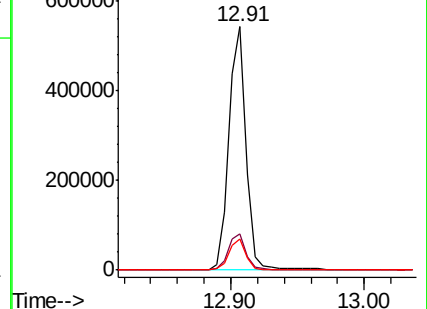
183 12.9 9.3 13.9

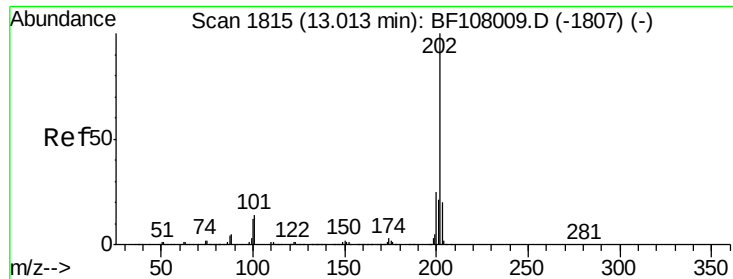


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

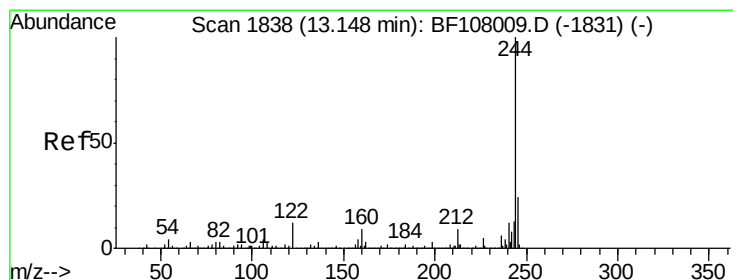
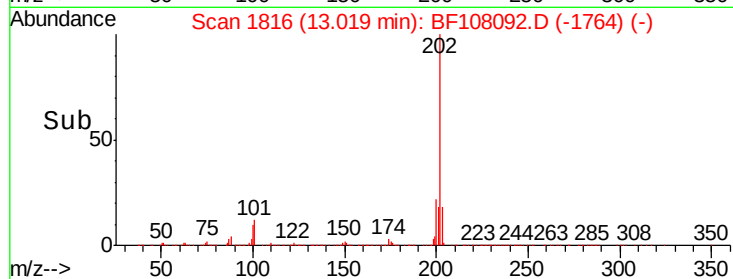
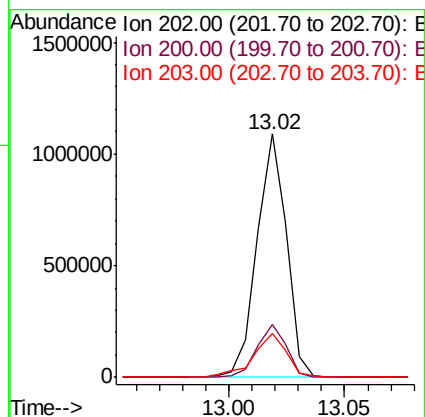
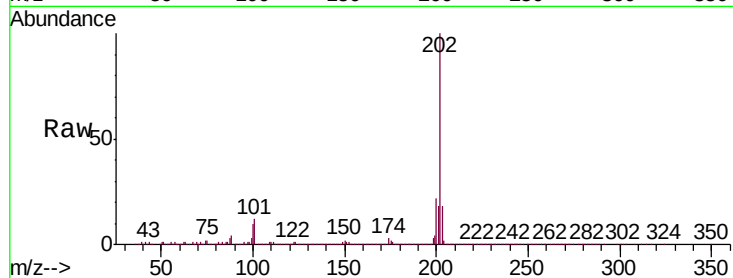




#77
 Pyrene
 Concen: 24.431 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

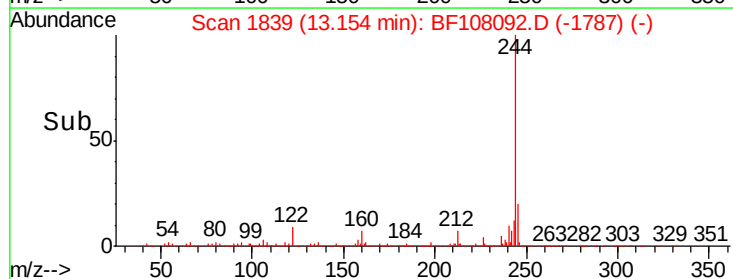
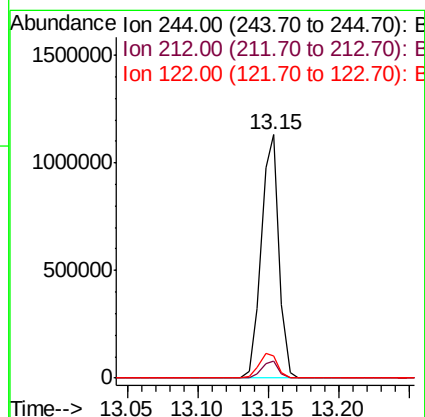
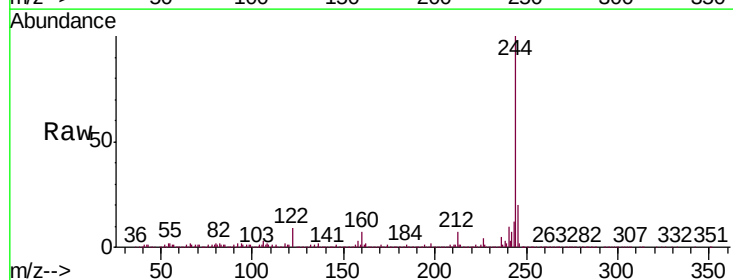
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

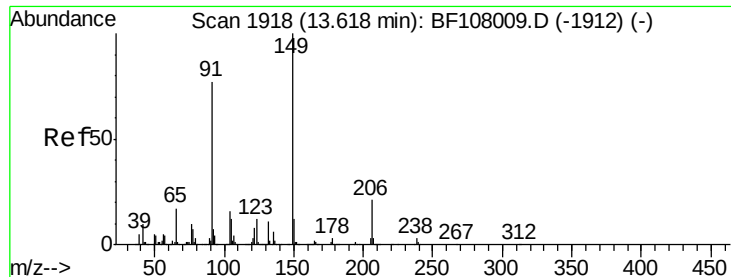
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.1	14.3	21.5



#78
 Terphenyl-d14
 Concen: 40.417 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 20.231 ng

RT: 13.62 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

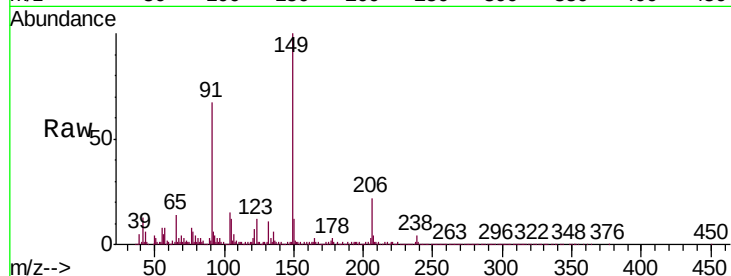
Tgt Ion:149 Resp: 320349

Ion Ratio Lower Upper

149 100

91 67.3 56.8 85.2

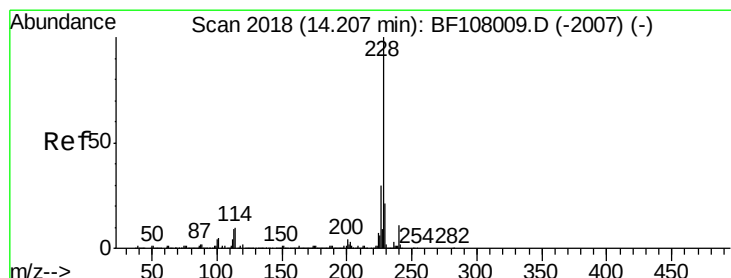
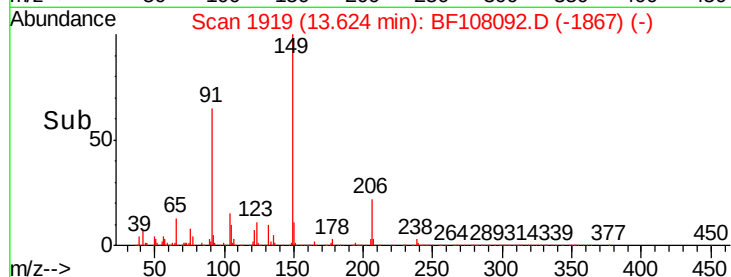
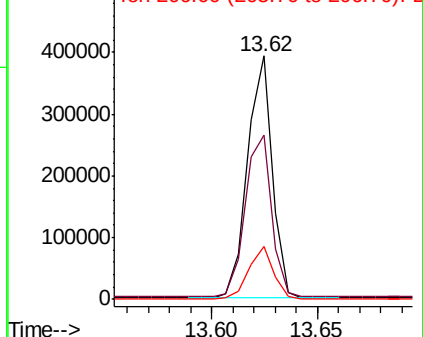
206 21.8 14.1 21.1#



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: 22.880 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

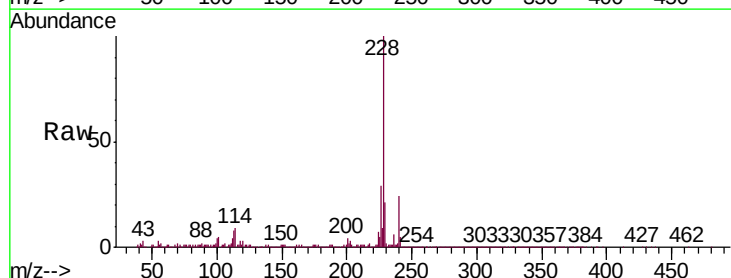
Tgt Ion:228 Resp: 827055

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

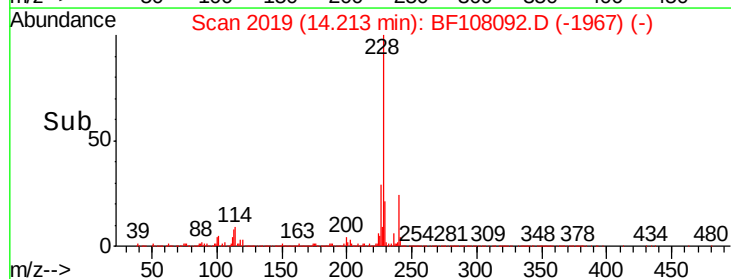
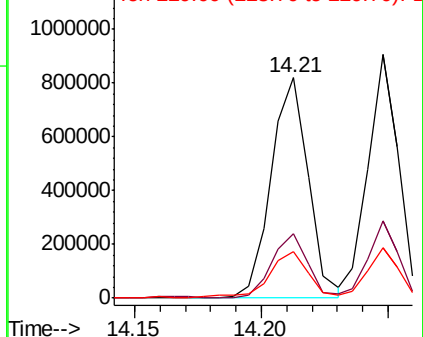
229 20.9 15.8 23.6

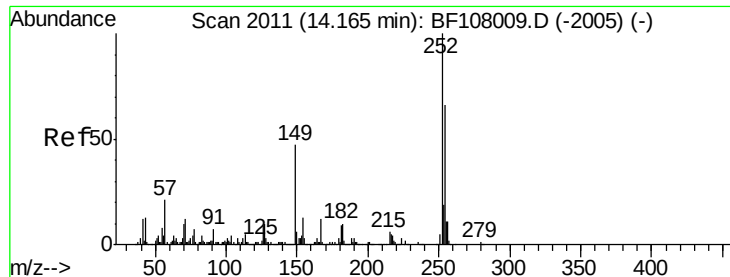


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

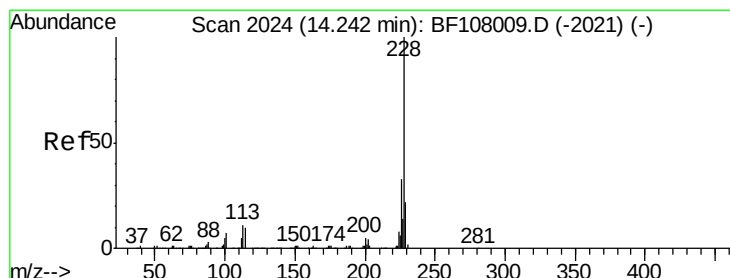
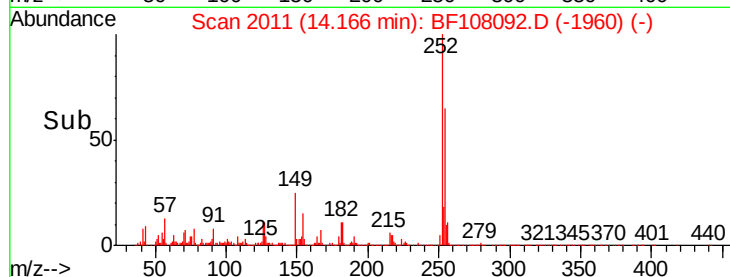
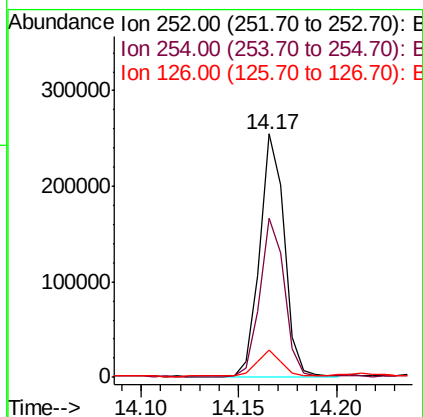
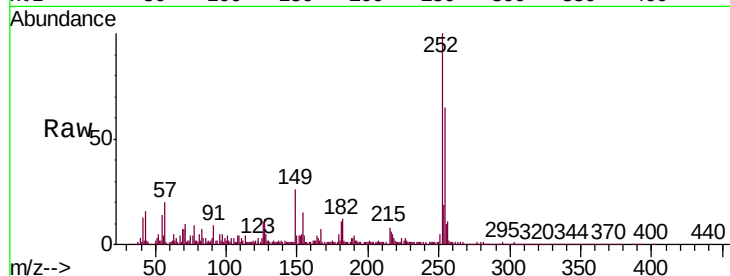




#81
 3,3'-Dichlorobenzidine
 Concen: 17.336 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

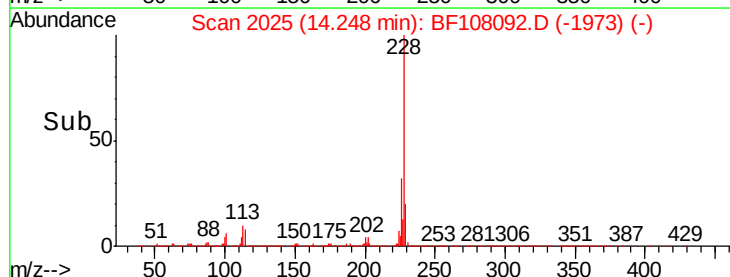
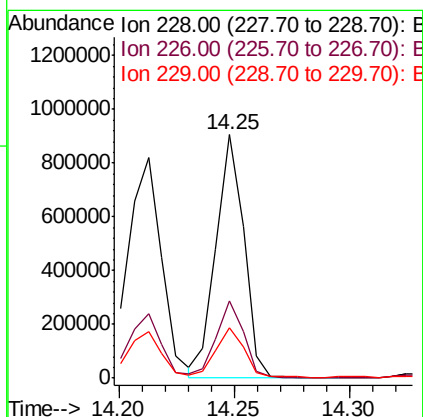
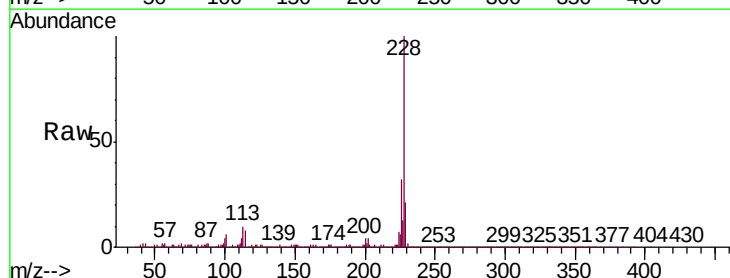
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

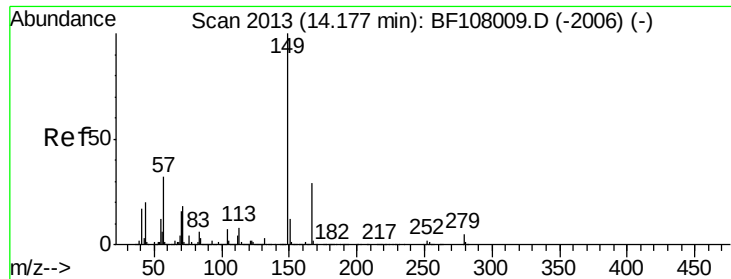
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	11.1	11.3	16.9#



#82
 Chrysene
 Concen: 22.777 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.5	16.2	24.4

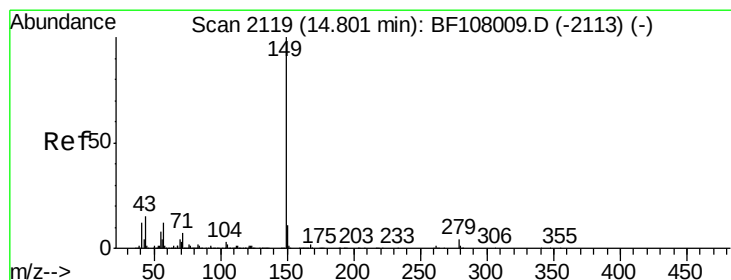
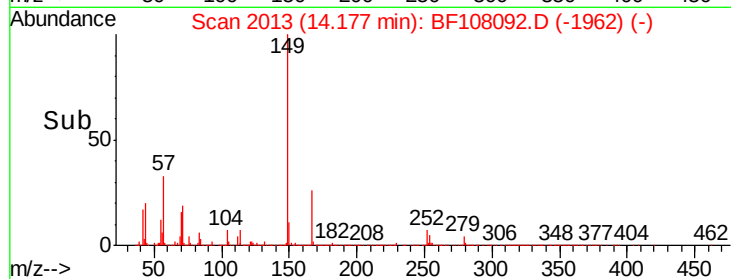
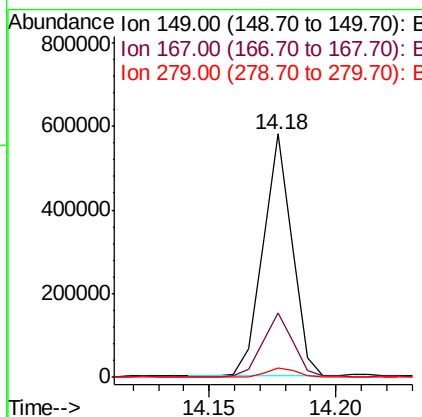
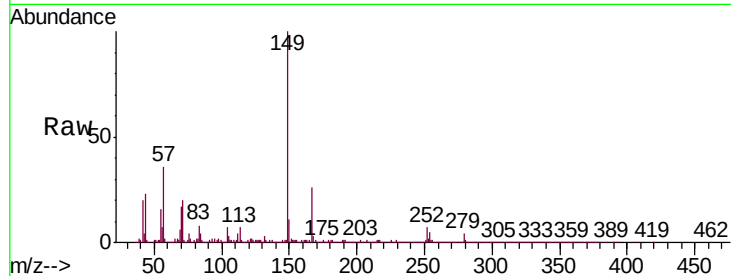




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.626 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

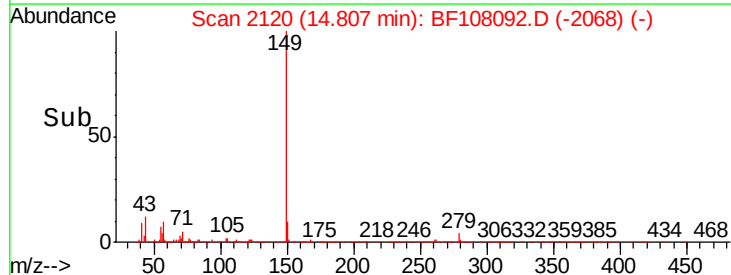
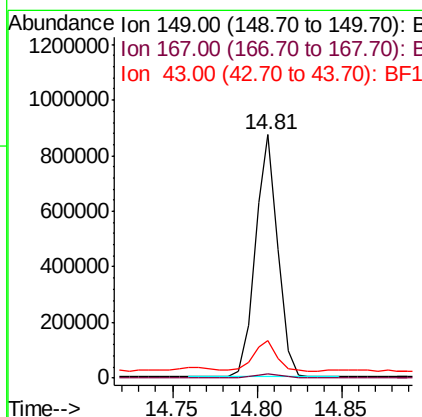
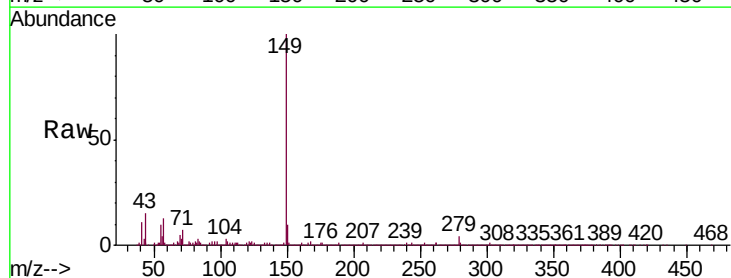
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMSD

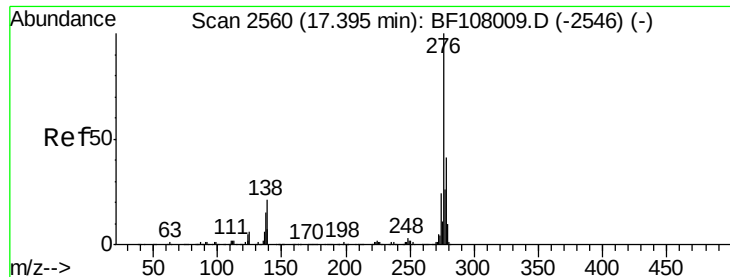
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 24.404 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108092.D
 Acq: 10 Aug 2018 19:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 15.603 ng

RT: 17.41 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

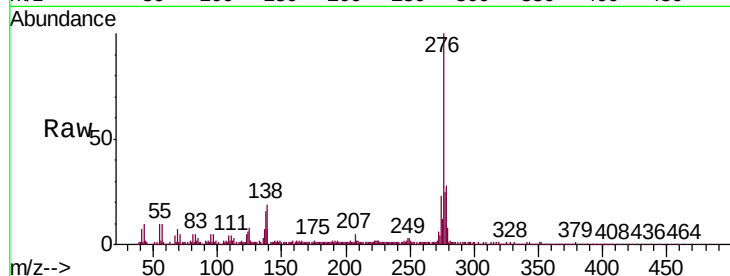
Tgt Ion:276 Resp: 448037

Ion Ratio Lower Upper

276 100

138 21.5 25.0 37.6#

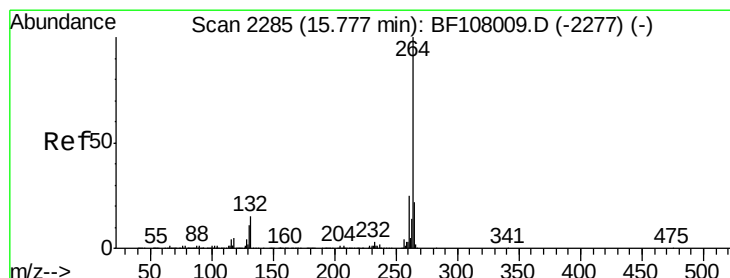
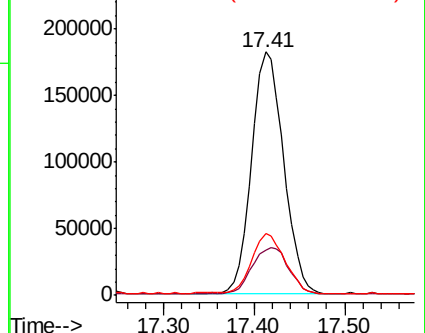
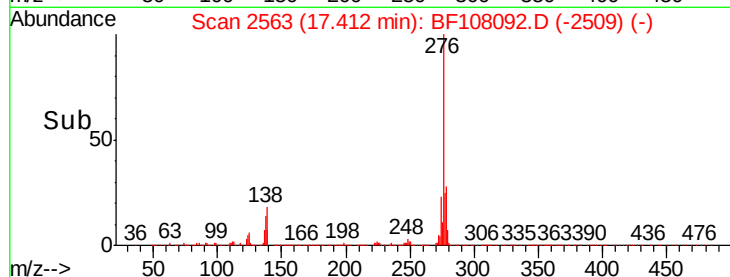
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

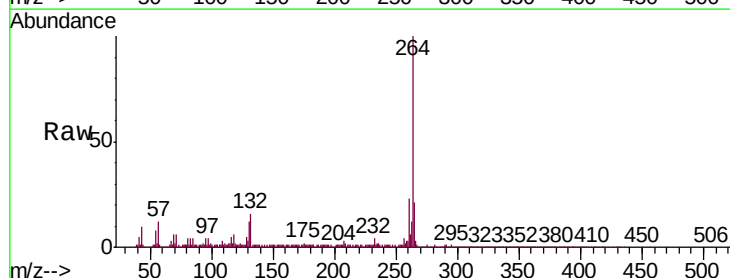
Tgt Ion:264 Resp: 462511

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

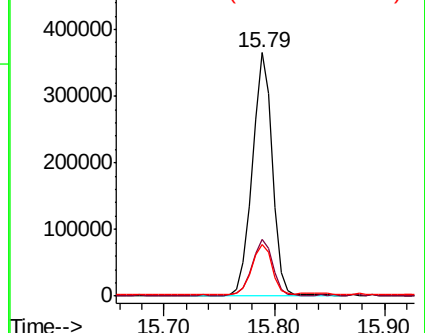
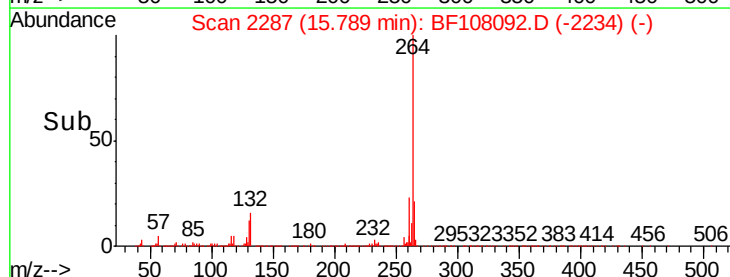
265 21.3 17.5 26.3

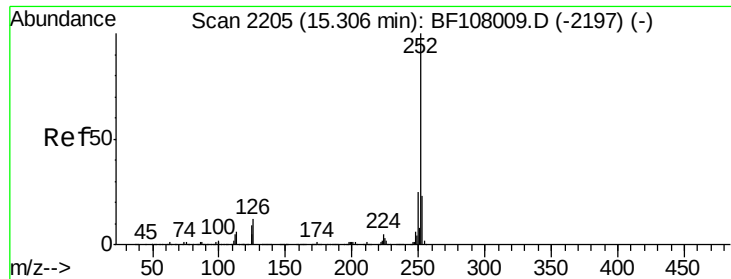


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

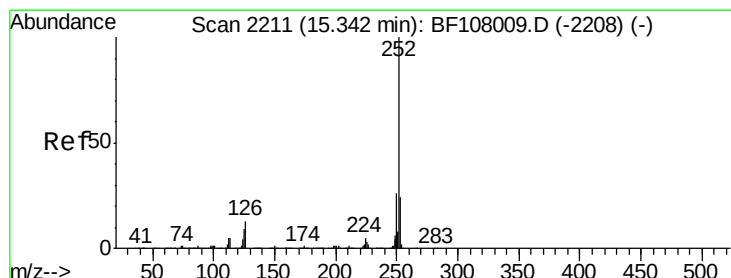
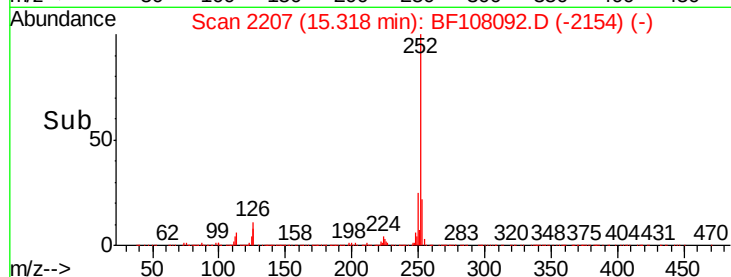
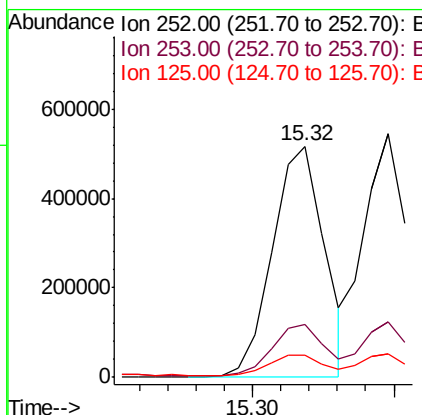
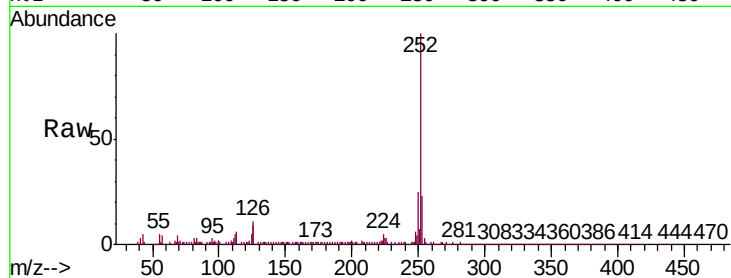




#87
Benzo(b)fluoranthene
Concen: 23.704 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

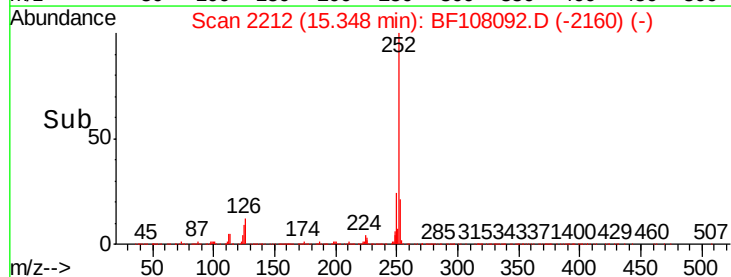
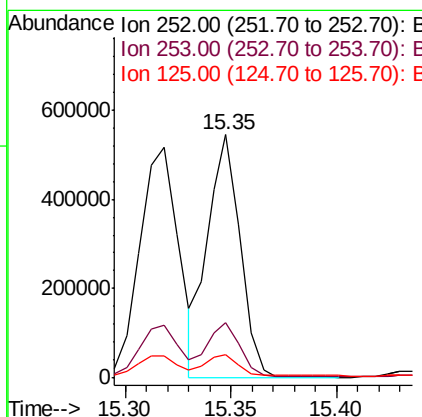
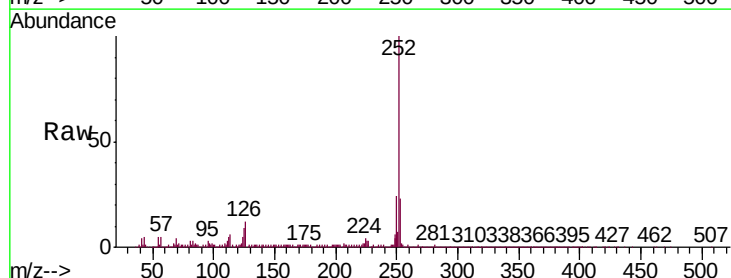
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

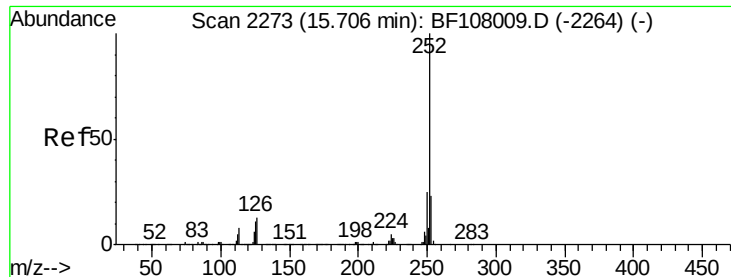
Tgt Ion:	252	Resp:	655101
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 22.730 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108092.D
Acq: 10 Aug 2018 19:00

Tgt Ion:	252	Resp:	577469
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 22.274 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

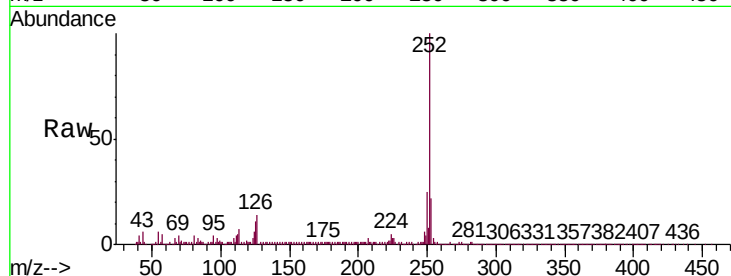
Tgt Ion:252 Resp: 551229

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

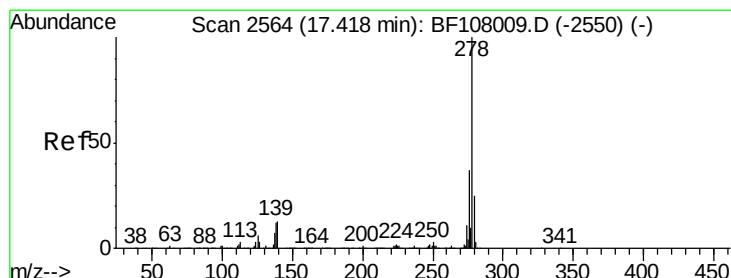
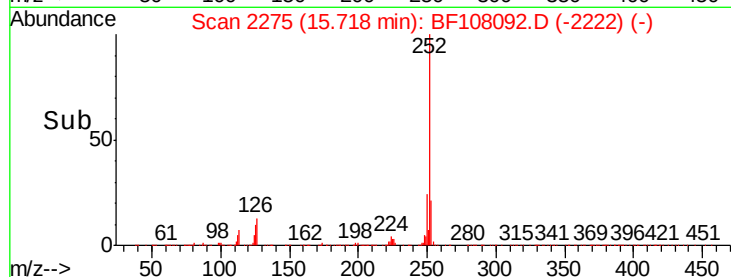
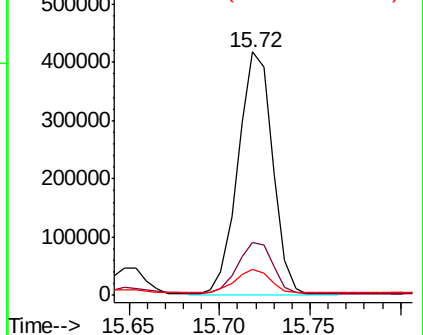
125 10.7 9.8 14.6



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: 17.269 ng

RT: 17.43 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

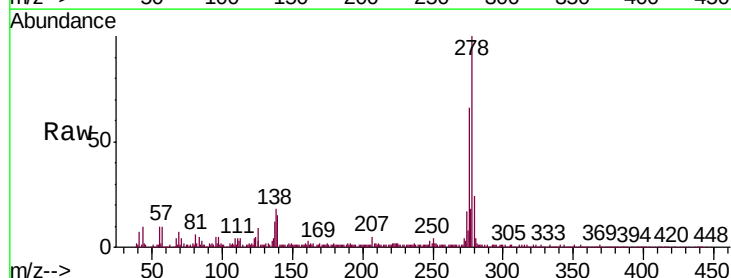
Tgt Ion:278 Resp: 353613

Ion Ratio Lower Upper

278 100

139 15.0 15.9 23.9#

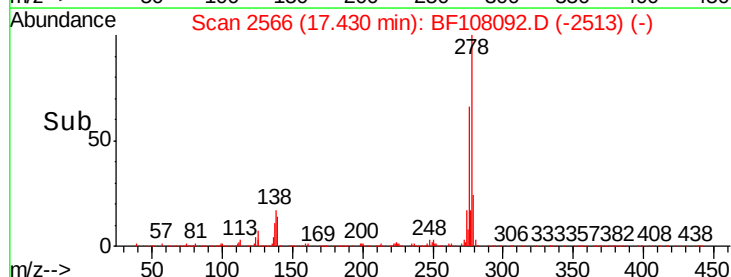
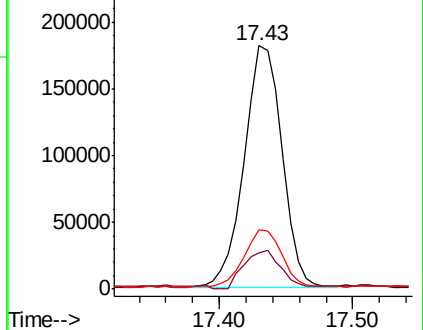
279 24.4 19.0 28.4

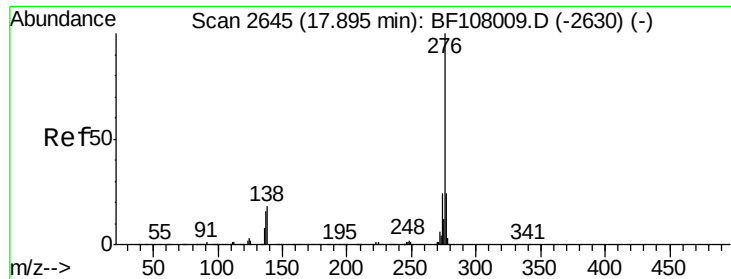


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.582 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108092.D

Acq: 10 Aug 2018 19:00

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMSD

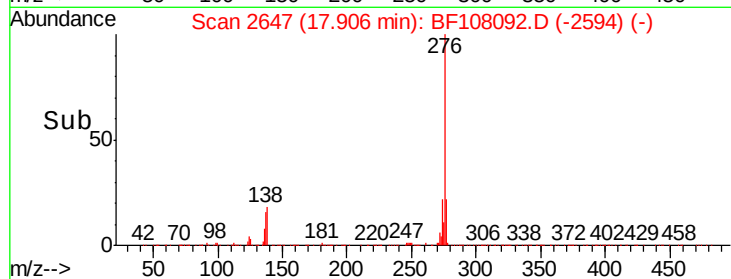
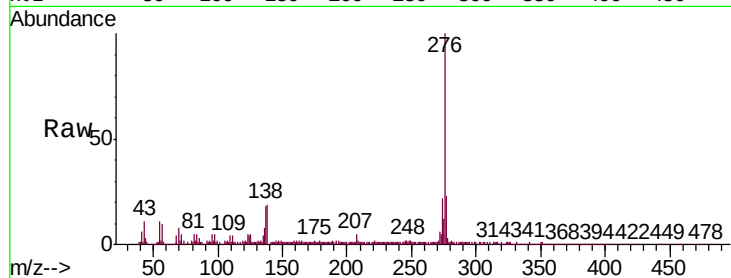
Tgt Ion:276 Resp: 374663

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 18.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

