

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108394.D
 Acq On : 22 Aug 2018 20:17
 Operator : JU/SJ
 Sample : J4559-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

Quant Time: Aug 23 02:17:01 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	147190	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	537476	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	248672	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	406762	20.00	ng	0.00
75) Chrysene-d12	14.21	240	243225	20.00	ng	0.00
86) Perylene-d12	15.77	264	247470	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1060455	130.44	ng	0.01
7) Phenol-d6	6.64	99	1445696	133.82	ng	0.00
23) Nitrobenzene-d5	7.57	82	939657	97.56	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	332192	133.92	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1403353	90.60	ng	0.00
78) Terphenyl-d14	13.13	244	982422	102.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.95	88	136326	32.634	ng	91
3) Pyridine	3.72	79	397012	36.893	ng	85
4) n-Nitrosodimethylamine	3.68	42	240977	39.796	ng	79
6) Aniline	6.67	93	326156	22.194	ng	97
8) 2-Chlorophenol	6.80	128	414874	45.309	ng	96
9) Benzaldehyde	6.56	77	295208	35.244	ng	99
10) Phenol	6.65	94	549309	49.154	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	412486	45.656	ng	93
12) 1,3-Dichlorobenzene	6.95	146	459150	43.368	ng	99
13) 1,4-Dichlorobenzene	7.02	146	466896	43.892	ng	99
14) 1,2-Dichlorobenzene	7.18	146	435074	43.971	ng	97
15) Benzyl Alcohol	7.14	79	407039	44.754	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	755143	40.573	ng	99
17) 2-Methylphenol	7.25	107	359589	45.794	ng	# 94
18) Hexachloroethane	7.51	117	167213	44.154	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	321950	44.068	ng	91
20) 3+4-Methylphenols	7.41	107	437760	43.504	ng	# 68
22) Acetophenone	7.41	105	608228	48.397	ng	# 93
24) Nitrobenzene	7.59	77	468368	48.087	ng	94
25) Isophorone	7.82	82	861110	46.904	ng	97
26) 2-Nitrophenol	7.90	139	186342	50.660	ng	91
27) 2,4-Dimethylphenol	7.93	122	378386	46.438	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	518671	48.395	ng	98
29) 2,4-Dichlorophenol	8.14	162	369922	49.333	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	382392	46.253	ng	98
31) Naphthalene	8.31	128	1180494	48.295	ng	99
32) Benzoic acid	7.99	122	15923	8.923	ng	# 85
33) 4-Chloroaniline	8.36	127	255734	24.008	ng	98
34) Hexachlorobutadiene	8.42	225	248409	47.464	ng	98
35) Caprolactam	8.73	113	75253	32.025	ng	# 74
36) 4-Chloro-3-methylphenol	8.84	107	379795	46.950	ng	98
37) 2-Methylnaphthalene	9.00	142	793782	45.900	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	396206	51.883	ng	97
40) Hexachlorocyclopentadiene	9.15	237	96562	19.577	ng	99

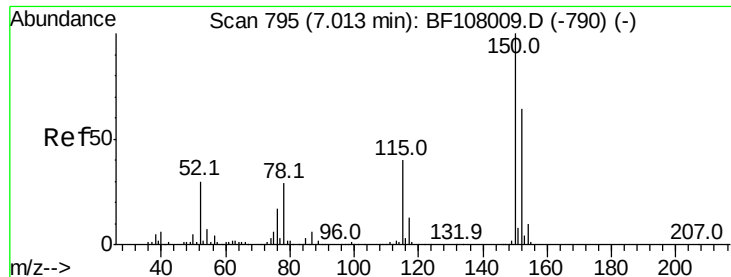
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	259623	54.786	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	273787	52.484	nq	# 94
45) 1,1'-Biphenyl	9.47	154	932870	50.880	nq	99
46) 2-Chloronaphthalene	9.50	162	721539	49.792	nq	99
47) 2-Nitroaniline	9.59	65	259395	55.323	nq	85
48) Acenaphthylene	9.91	152	1110685	48.482	nq	99
49) Dimethylphthalate	9.77	163	1150984	66.446	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	180367	49.769	nq	# 86
51) Acenaphthene	10.09	154	661253	47.125	nq	99
52) 3-Nitroaniline	10.01	138	166881	42.086	nq	98
53) 2,4-Dinitrophenol	10.11	184	4050	9.745	nq	# 32
54) Dibenzofuran	10.26	168	968823	47.657	nq	97
55) 4-Nitrophenol	10.17	139	252392	84.056	nq	85
56) 2,4-Dinitrotoluene	10.24	165	231167	49.554	nq	# 92
57) Fluorene	10.60	166	760907	47.283	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	205044	47.027	nq	# 86
59) Diethylphthalate	10.47	149	822213	49.018	nq	96
60) 4-Chlorophenyl-phenylether	10.59	204	385525	45.975	nq	93
61) 4-Nitroaniline	10.62	138	176801	45.098	nq	91
62) Azobenzene	10.75	77	759336	43.835	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	8396	10.243	nq	# 80
65) n-Nitrosodiphenylamine	10.71	169	691165	57.500	nq	95
66) 4-Bromophenyl-phenylether	11.08	248	234907	53.141	nq	# 86
67) Hexachlorobenzene	11.15	284	227417	48.896	nq	# 89
68) Atrazine	11.24	200	212470	52.701	nq	95
69) Pentachlorophenol	11.35	266	187291	84.132	nq	98
70) Phenanthrene	11.58	178	1168662	60.914	nq	99
71) Anthracene	11.62	178	1008050	51.264	nq	99
72) Carbazole	11.78	167	832510	47.652	nq	100
73) Di-n-butylphthalate	12.09	149	1038509	52.479	nq	99
74) Fluoranthene	12.77	202	1204793	57.539	nq	96
76) Benzidine	12.88	184	58014	6.384	nq	# 89
77) Pyrene	13.01	202	1130830	73.437	nq	99
79) Butylbenzylphthalate	13.60	149	324964	53.146	nq	# 95
80) Benzo(a)anthracene	14.19	228	857749	61.449	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	141331	28.253	nq	99
82) Chrysene	14.24	228	792945	61.963	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	440948	53.253	nq	99
84) Di-n-octyl phthalate	14.78	149	739244	58.539	nq	97
85) Indeno(1,2,3-cd)pyrene	17.40	276	693323	62.528	nq	# 89
87) Benzo(b)fluoranthene	15.31	252	921488	62.316	nq	97
88) Benzo(k)fluoranthene	15.34	252	744169	54.746	nq	98
89) Benzo(a)pyrene	15.71	252	791080	59.742	nq	96
90) Dibenzo(a,h)anthracene	17.41	278	508115	46.377	nq	# 94
91) Benzo(g,h,i)perylene	17.90	276	561886	52.082	nq	# 89

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

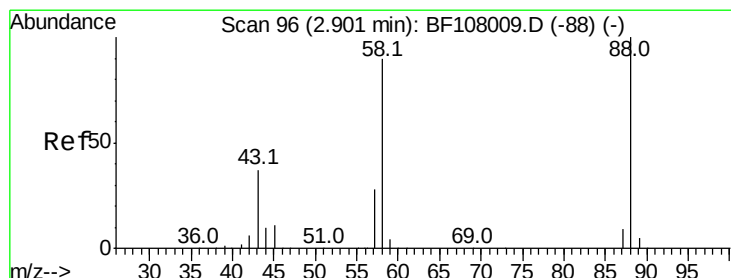
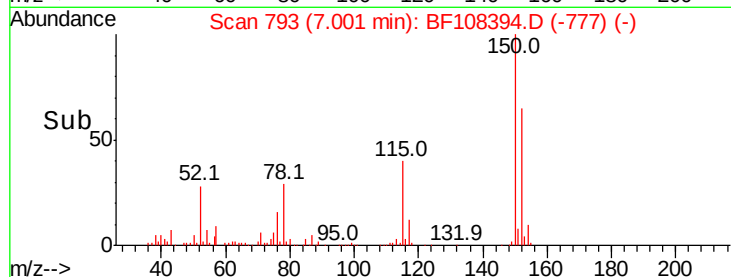
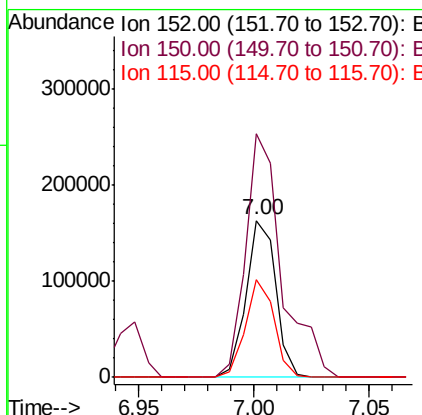
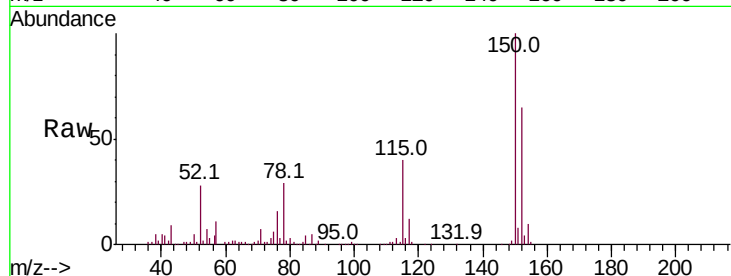


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

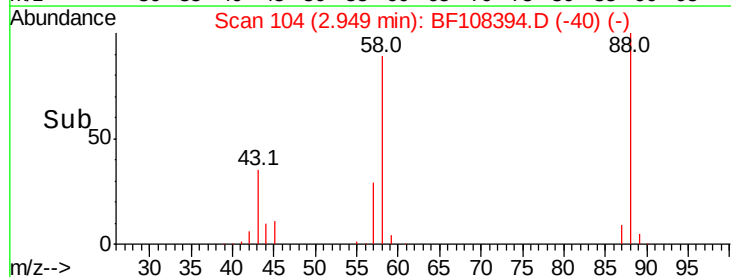
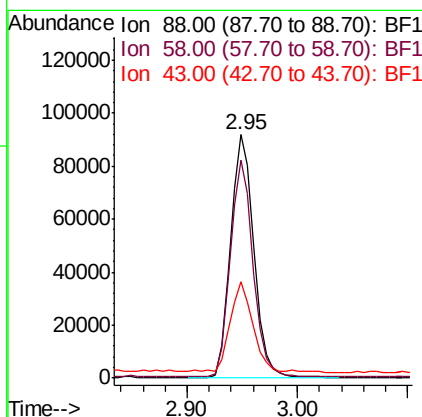
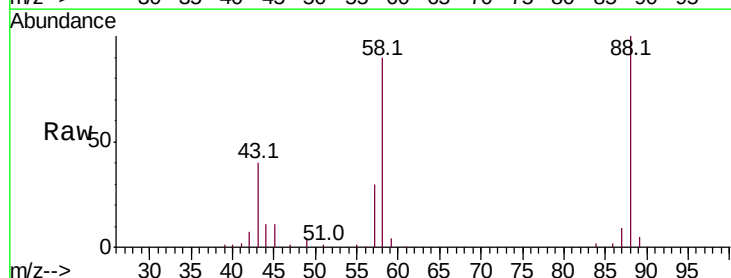
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Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 62.2 50.1 75.1

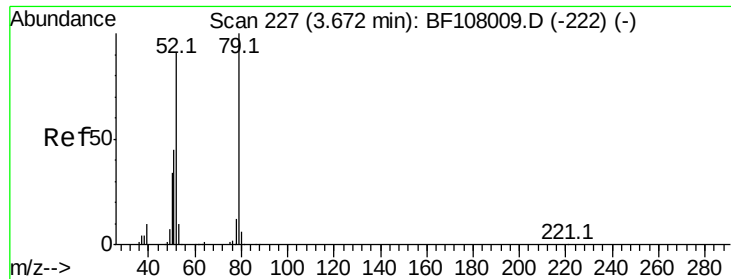


#2

1,4-Dioxane
Concen: 32.634 ng
RT: 2.95 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion: 88 Resp: 136326
Ion Ratio Lower Upper
88 100
58 86.6 62.6 93.8
43 34.6 24.6 37.0





#3

Pvridine

Concen: 36.893 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

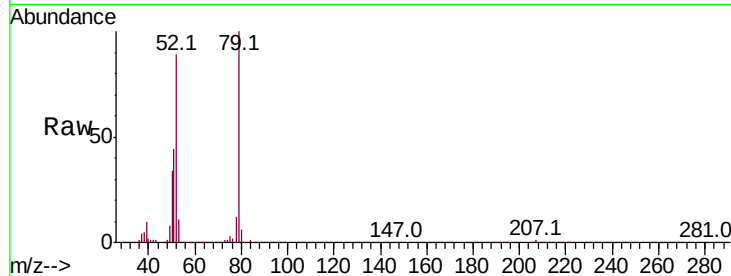
Tot Ion: 79 Resp: 397012

Ion Ratio Lower Upper

79 100

52 88.6 59.8 89.6

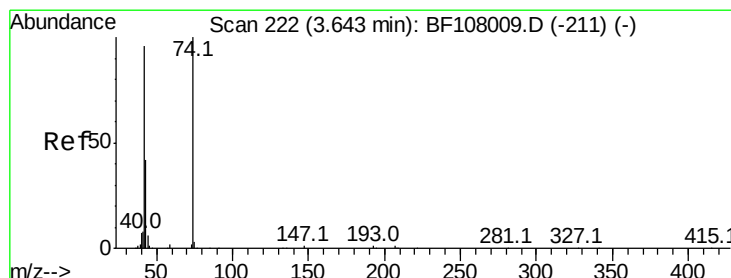
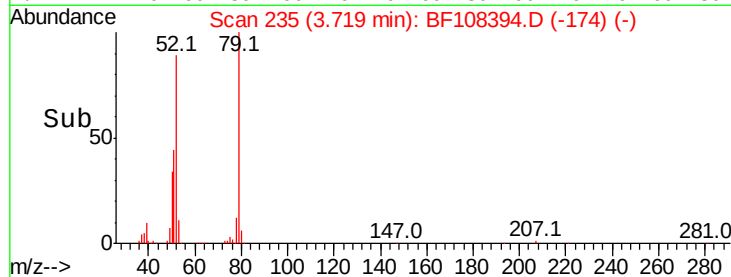
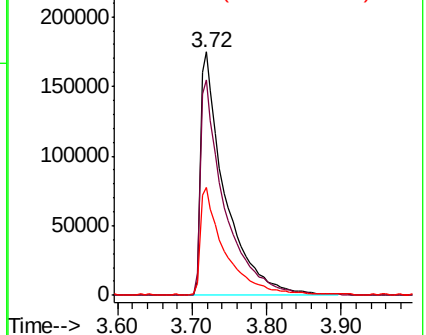
51 44.4 29.8 44.8



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: 39.796 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

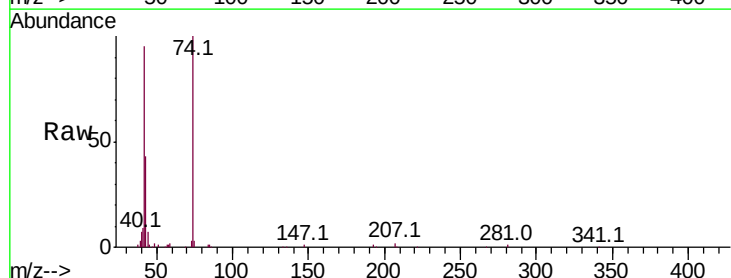
Tgt Ion: 42 Resp: 240977

Ion Ratio Lower Upper

42 100

74 105.8 104.9 157.3

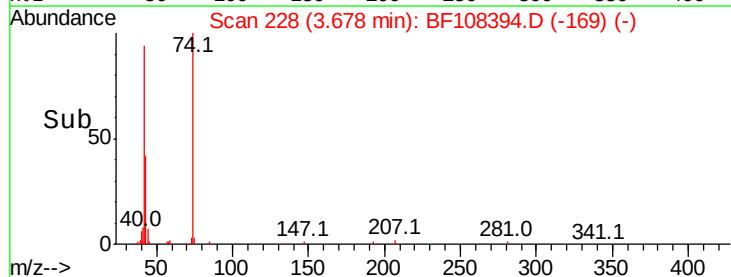
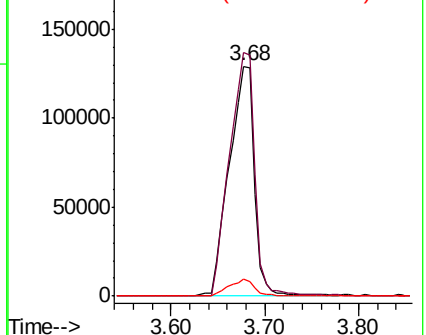
44 7.3 6.9 10.3

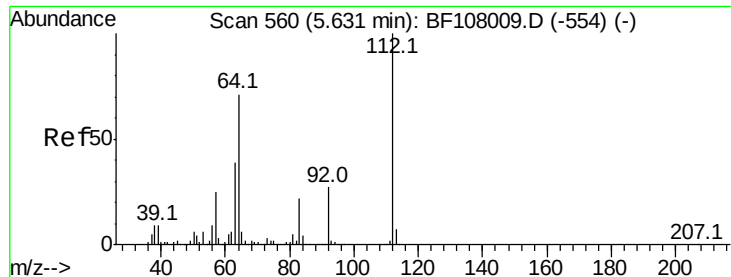


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 130.437 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

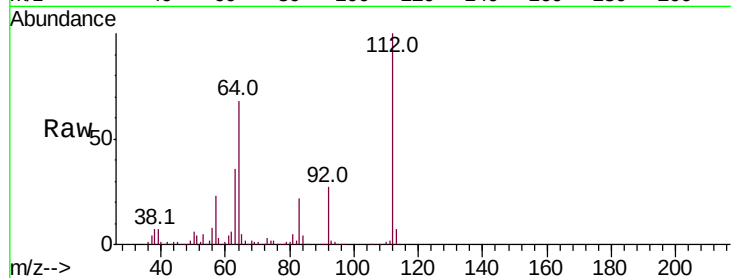
Tot Ion:112 Resp: 1060455

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

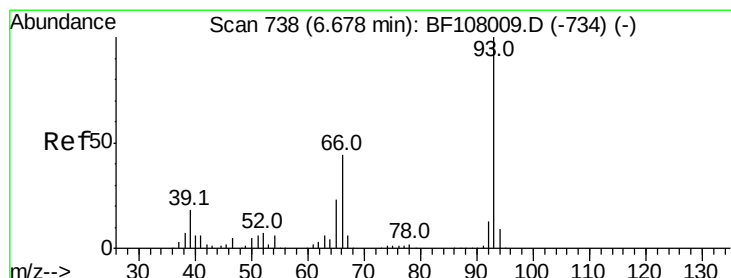
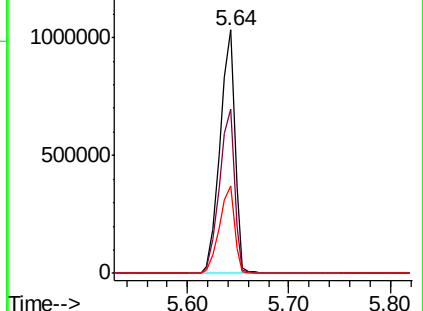
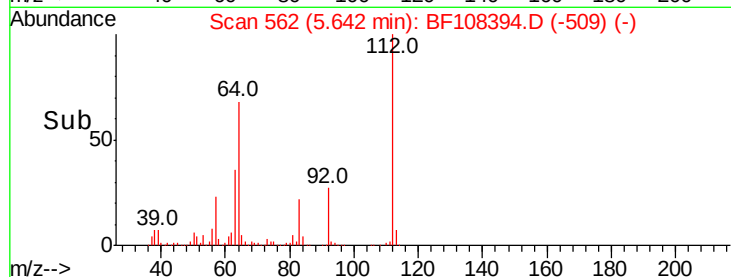
63 35.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.194 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

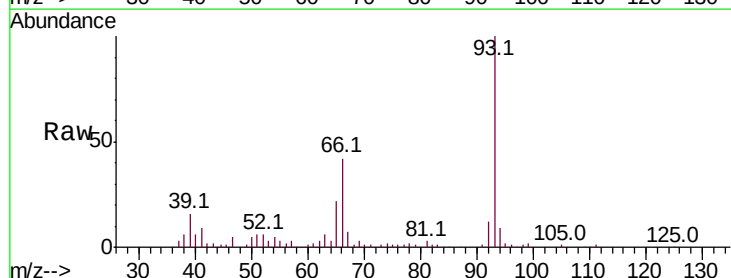
Tgt Ion: 93 Resp: 326156

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

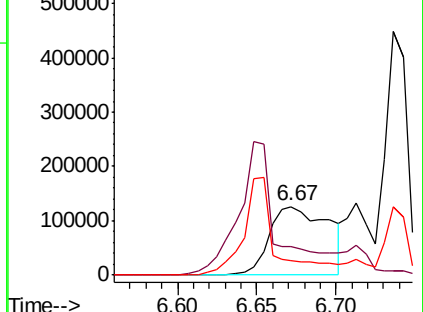
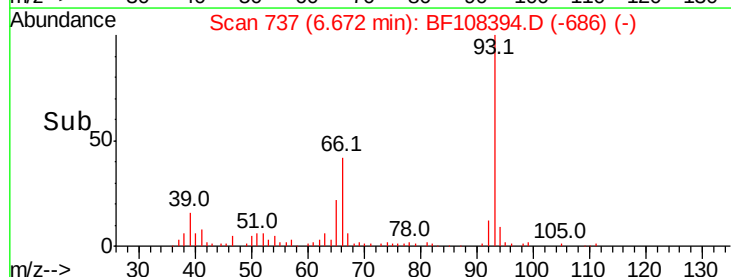
65 22.0 16.4 24.6

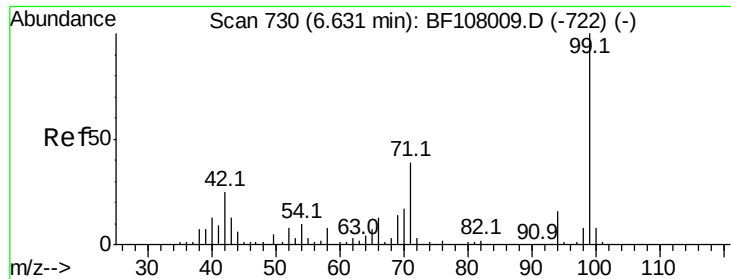


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.815 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

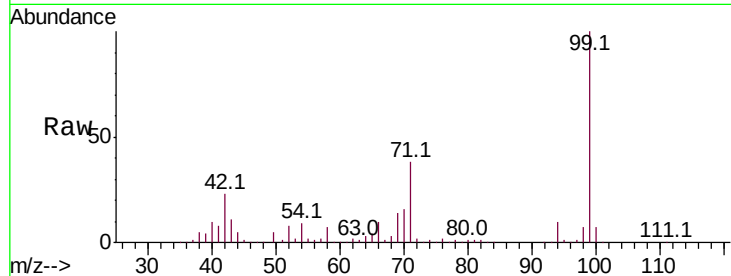
BNA_F

ClientSampleId :

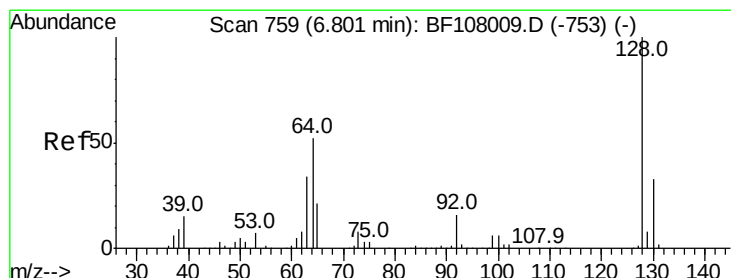
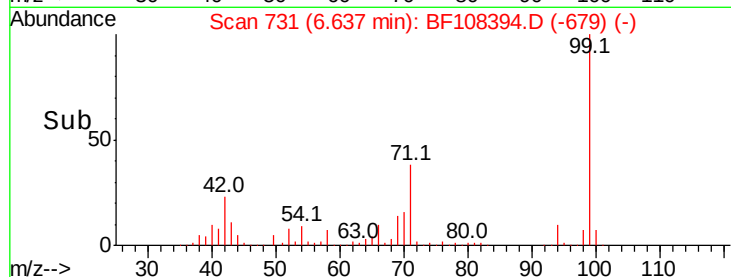
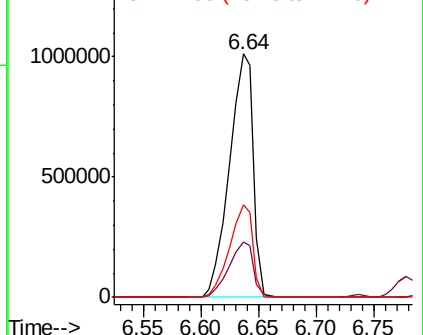
RA-081718-WSW-20-053MSD

Tot Ion: 99 Resp: 1445696

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	38.0	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: 45.309 ng

RT: 6.80 min Scan# 758

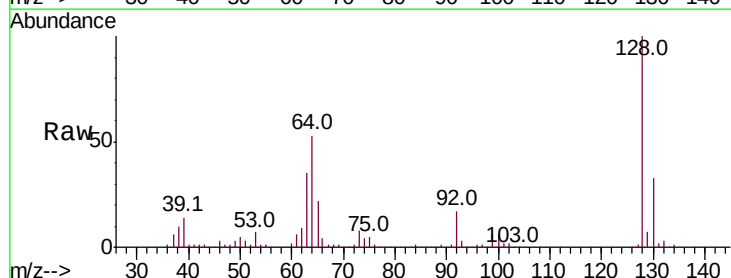
Delta R.T. -0.00 min

Lab File: BF108394.D

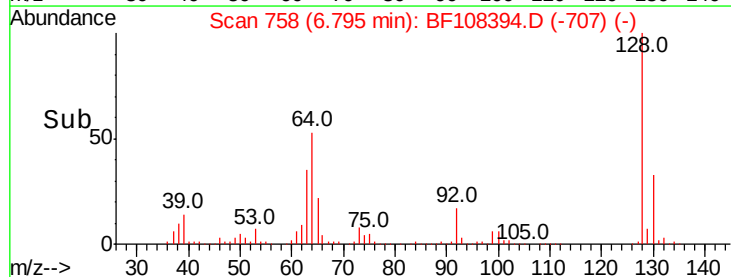
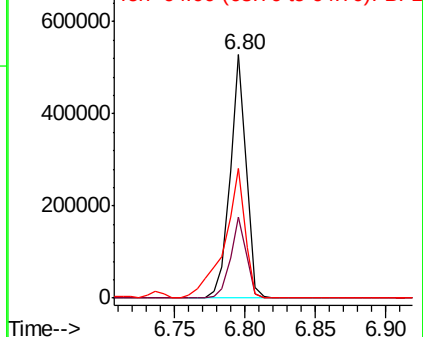
Acq: 22 Aug 2018 20:17

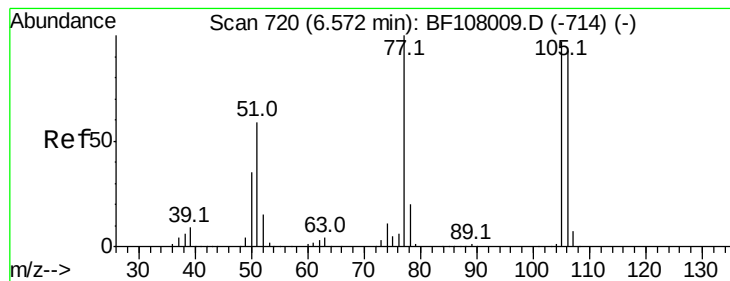
Tgt Ion: 128 Resp: 414874

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	53.4	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: 35.244 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

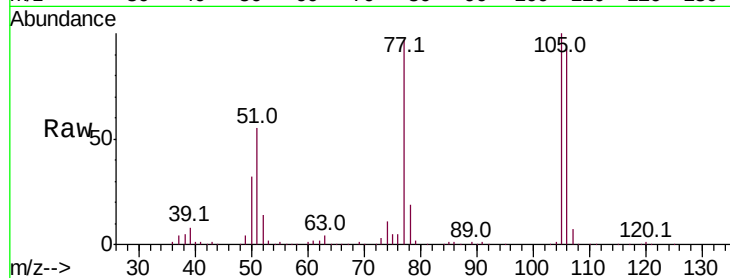
Tot Ion: 77 Resp: 295208

Ion Ratio Lower Upper

77 100

105 102.6 81.1 121.1

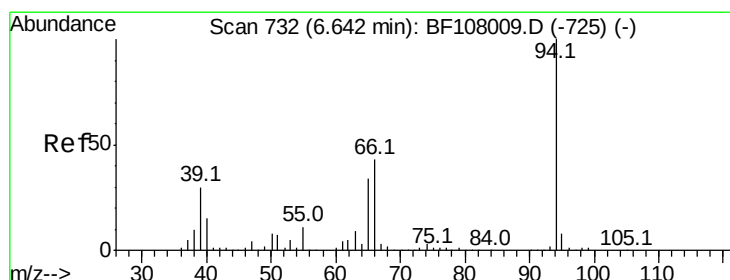
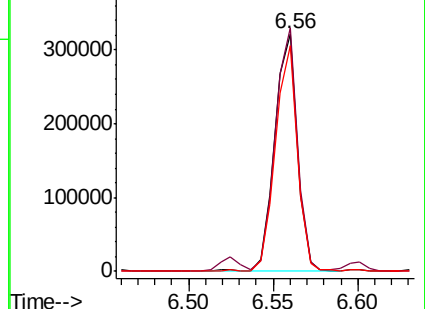
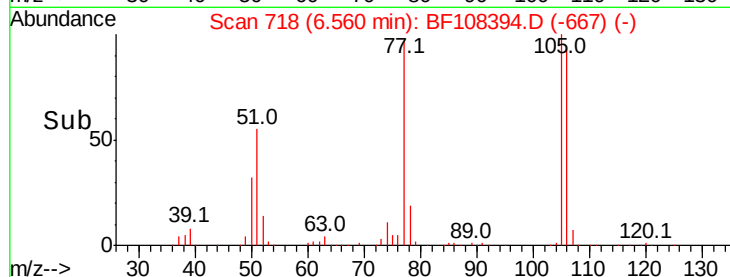
106 95.0 74.5 114.5



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: 49.154 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

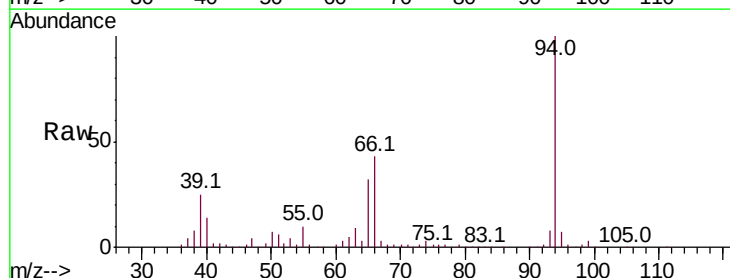
Tgt Ion: 94 Resp: 549309

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

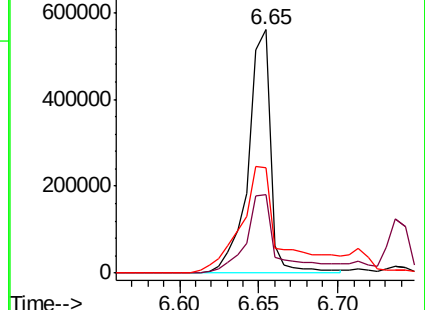
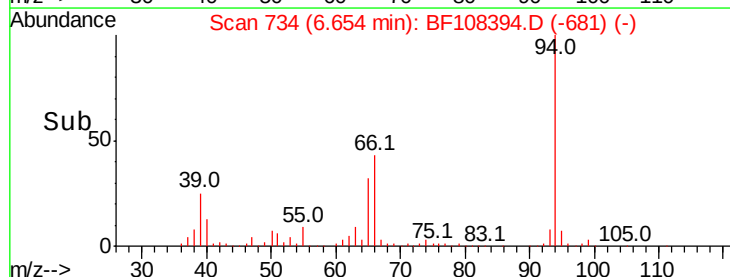
66 43.1 16.2 56.2

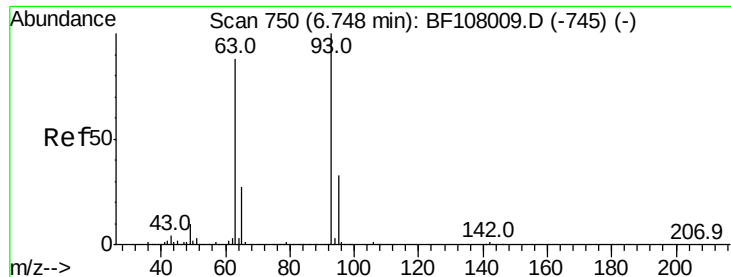


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

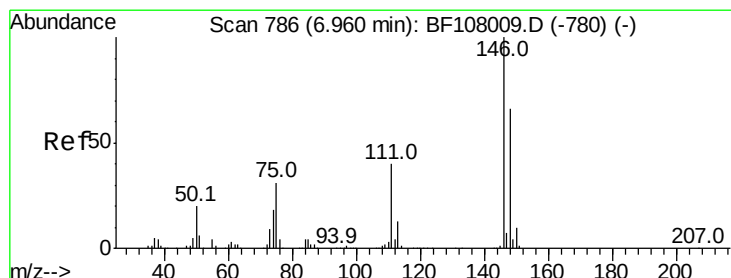
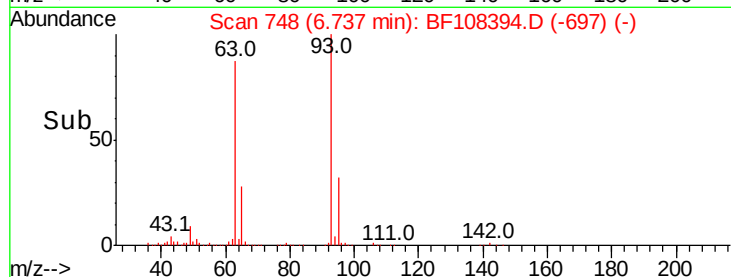
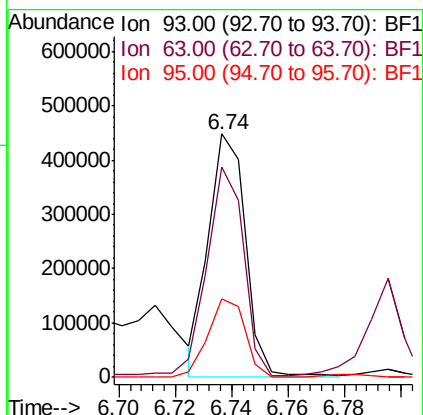
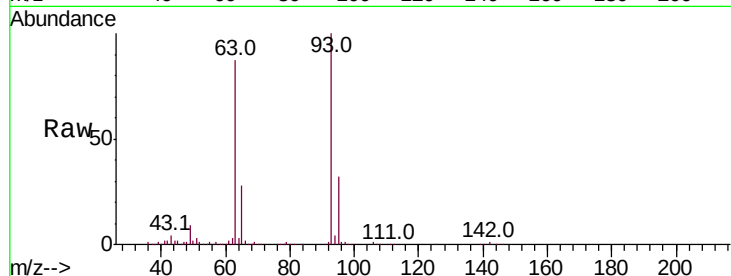




#11
bis(2-Chloroethyl)ether
Concen: 45.656 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

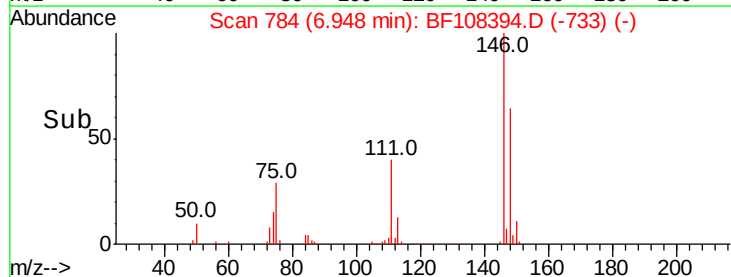
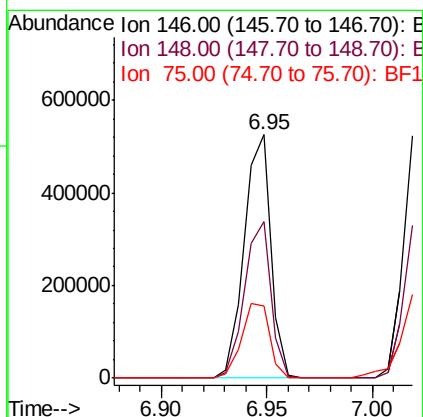
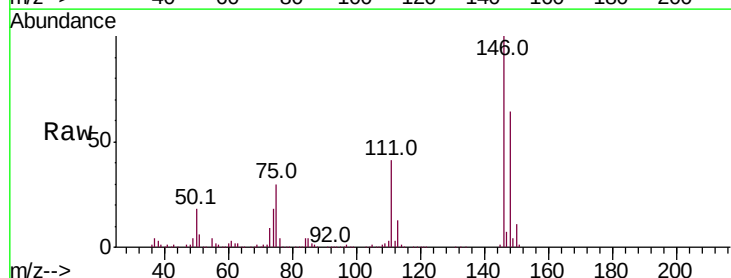
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

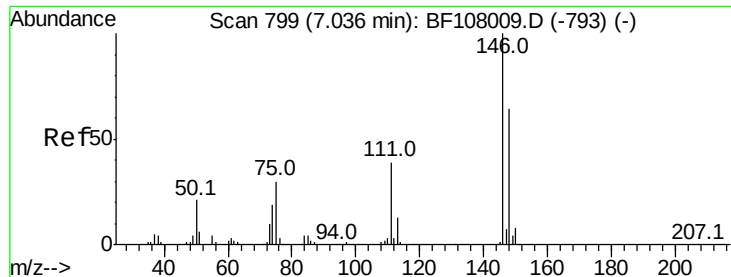
Tot Ion: 93 Resp: 412486
Ion Ratio Lower Upper
93 100
63 86.5 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.368 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion: 146 Resp: 459150
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 29.8 24.2 36.4

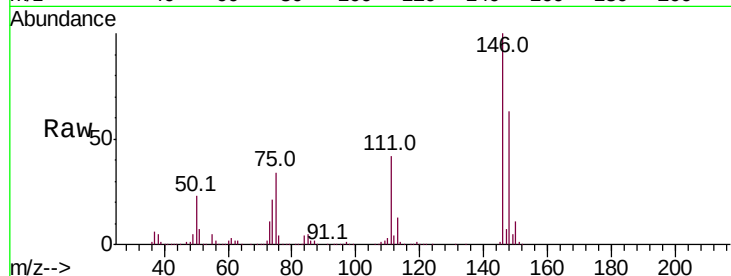




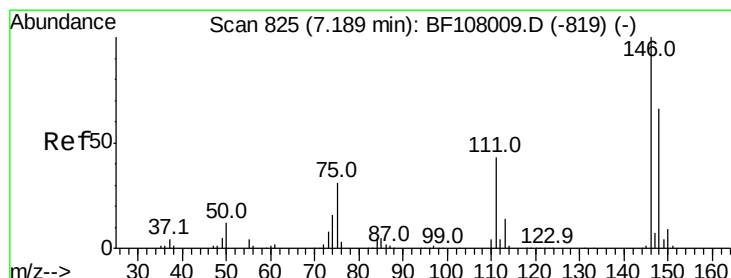
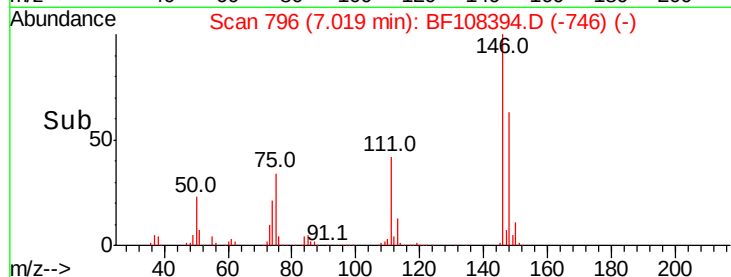
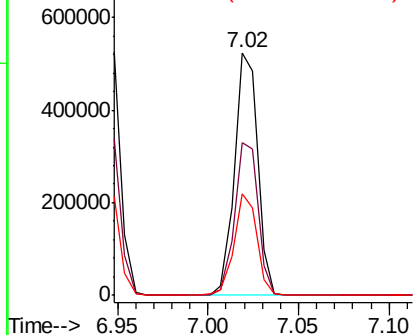
#13
 1,4-Dichlorobenzene
 Concen: 43.892 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

Tot Ion:146 Resp: 466896
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 41.7 34.2 51.2

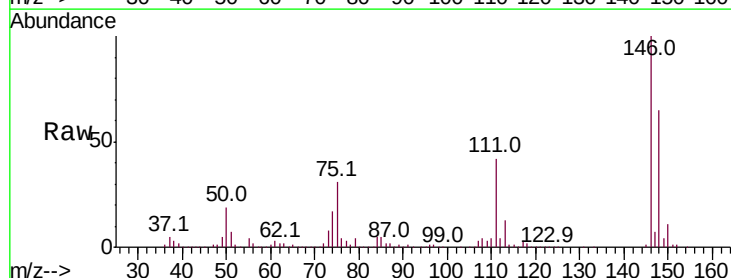


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

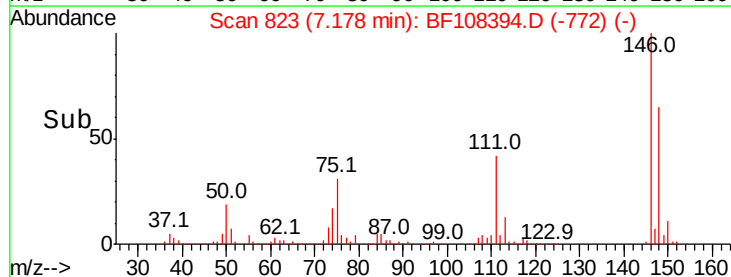
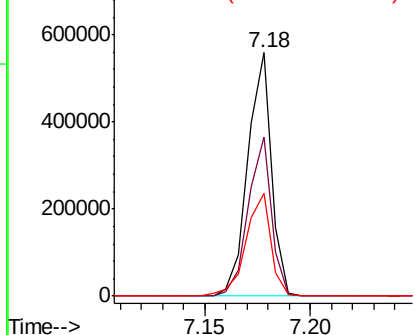


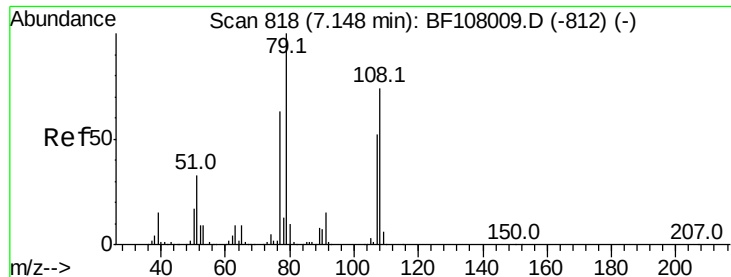
#14
 1,2-Dichlorobenzene
 Concen: 43.971 ng
 RT: 7.18 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:146 Resp: 435074
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 42.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.754 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

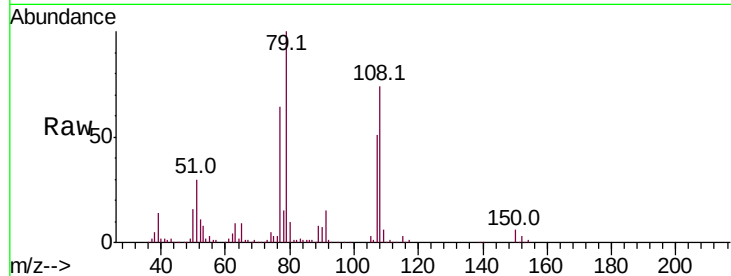
Tot Ion: 79 Resp: 407039

Ion Ratio Lower Upper

79 100

108 74.0 65.1 97.7

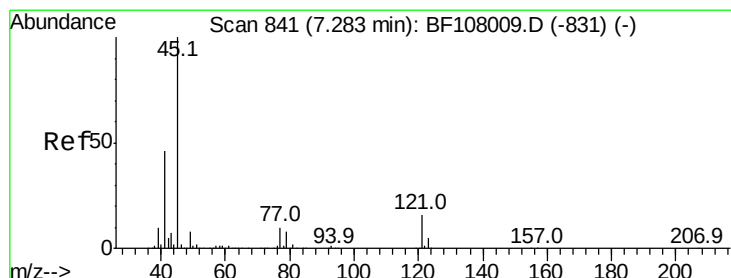
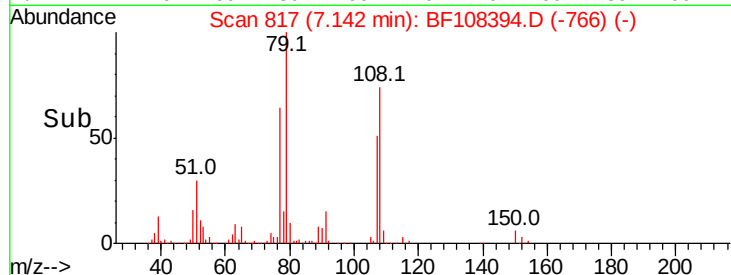
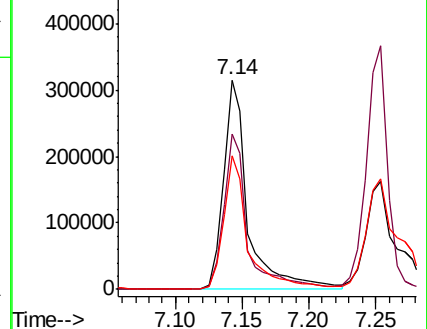
77 64.0 50.6 75.8



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: 40.573 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

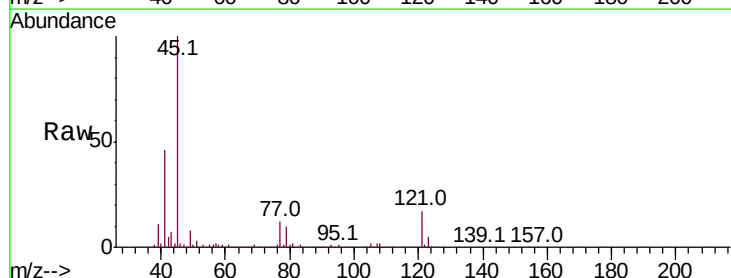
Tgt Ion: 45 Resp: 755143

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

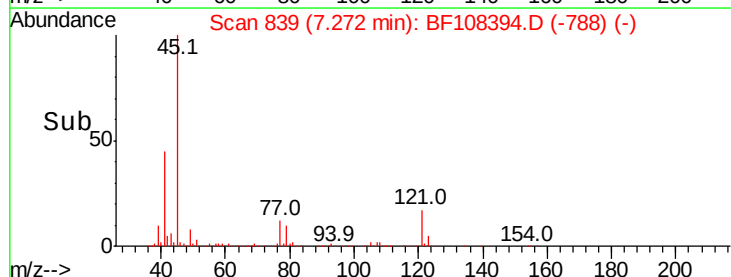
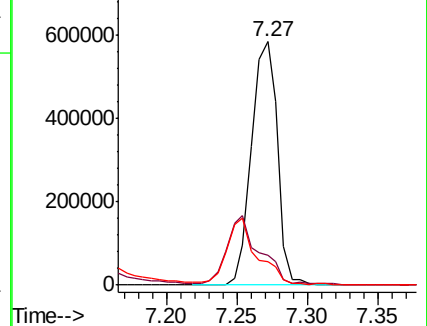
79 9.7 0.0 29.6

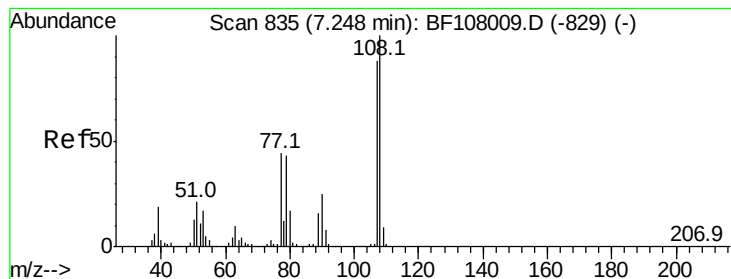


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

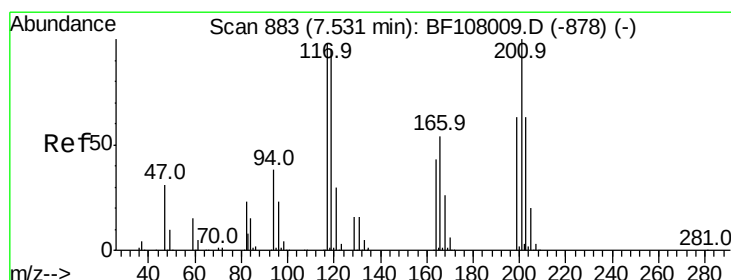
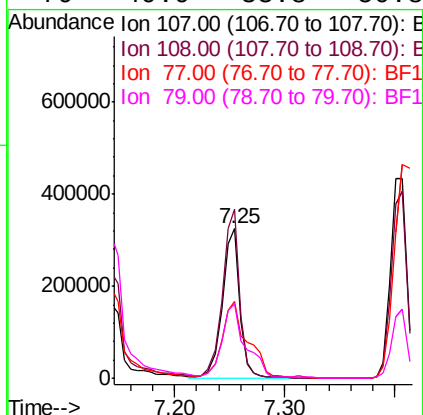
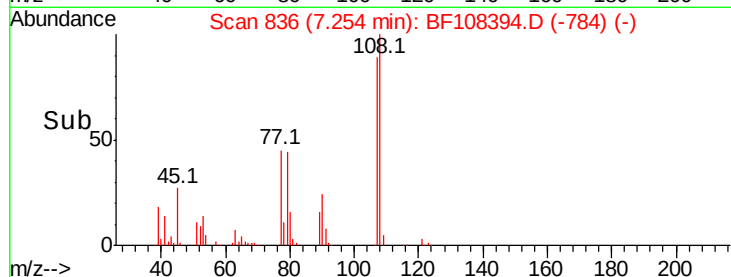
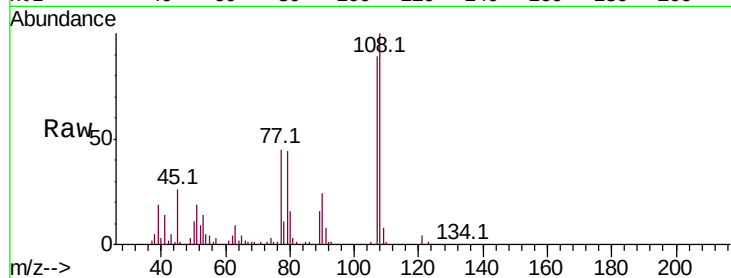




#17
2-Methylphenol
Concen: 45.794 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

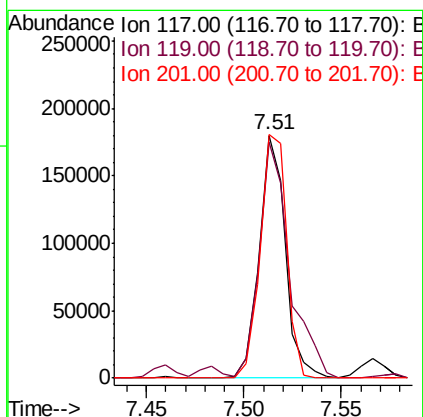
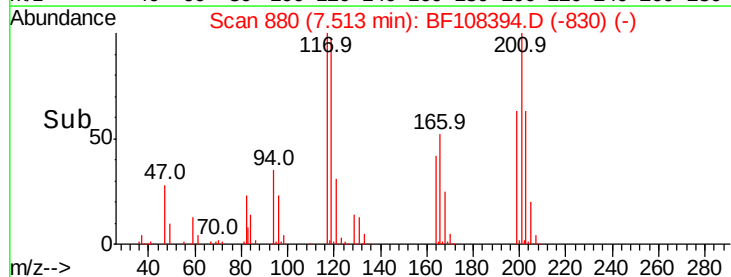
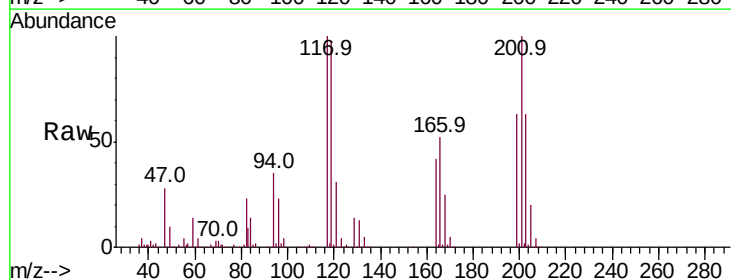
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

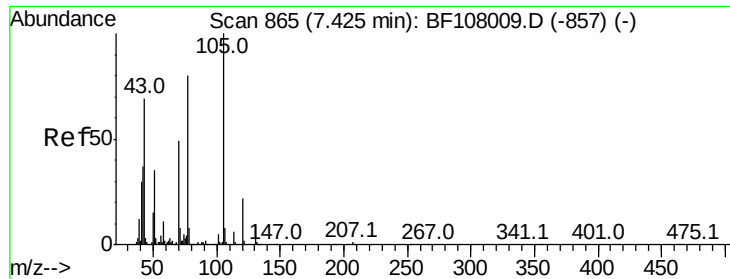
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	51.2	33.8	50.8#
79	49.9	33.8	50.8



#18
Hexachloroethane
Concen: 44.154 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	100.4	75.7	113.5

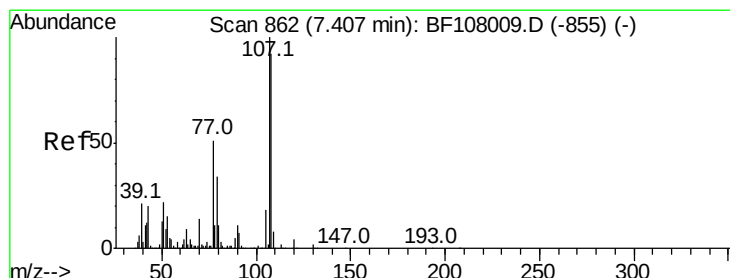
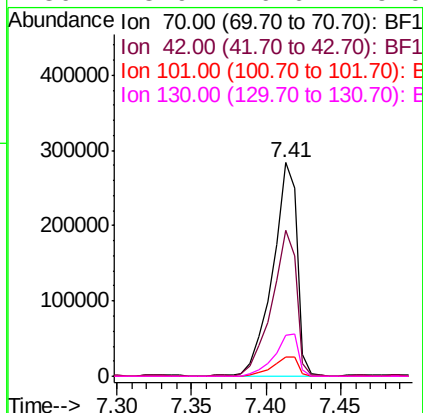
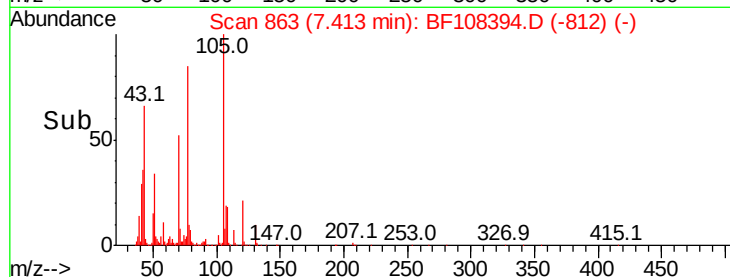
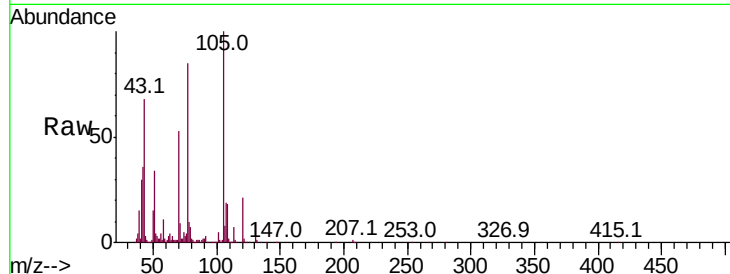




#19
n-Nitroso-di-n-propylamine
Concen: 44.068 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

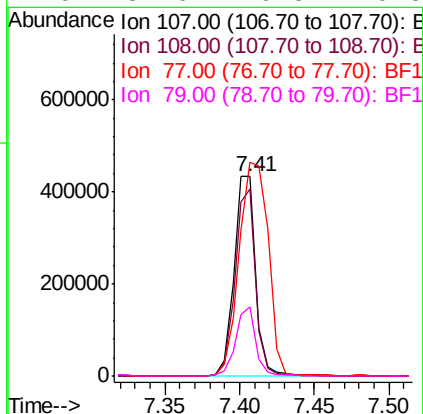
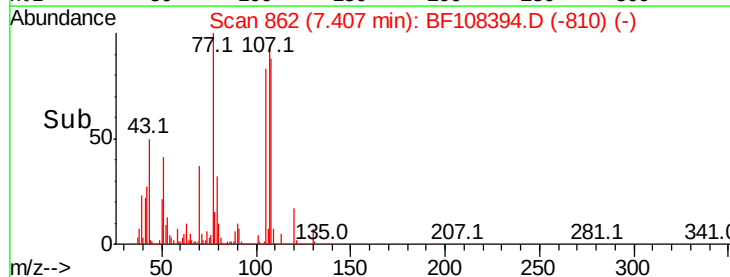
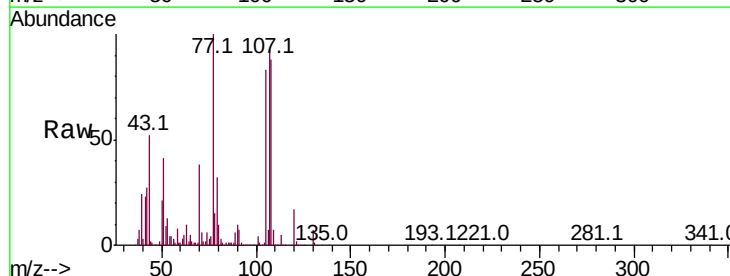
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

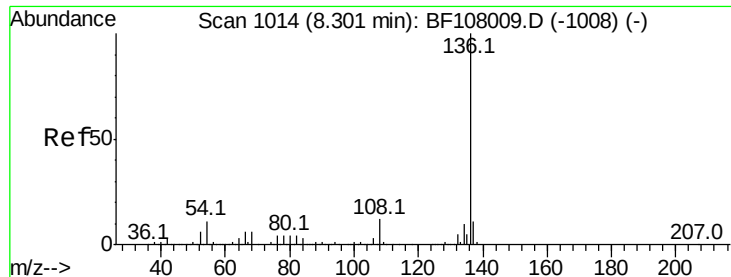
Tot Ion:	70	Resp:	321950
Ion	Ratio	Lower	Upper
70	100		
42	68.4	47.5	71.3
101	9.1	7.4	11.2
130	18.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.504 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:	107	Resp:	437760
Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.2	108.2
77	107.0	26.7	66.7#
79	34.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

Tot Ion:136 Resp: 537476

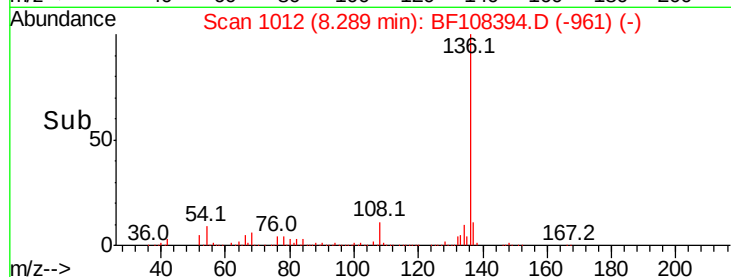
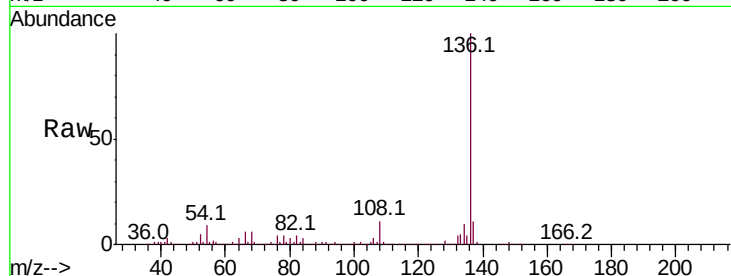
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.0 5.0 7.4

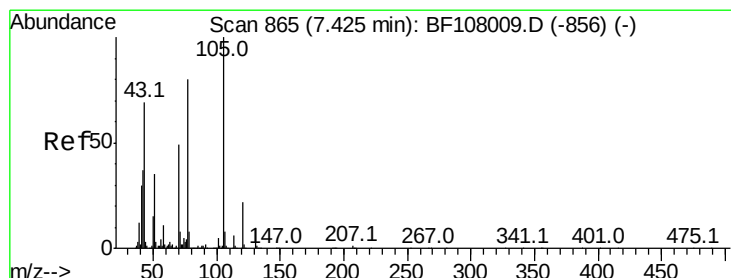
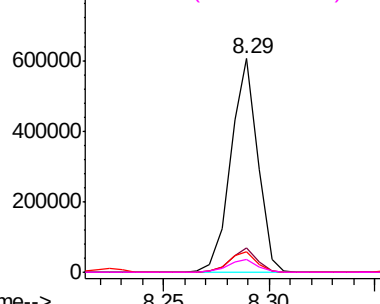


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.397 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Tgt Ion:105 Resp: 608228

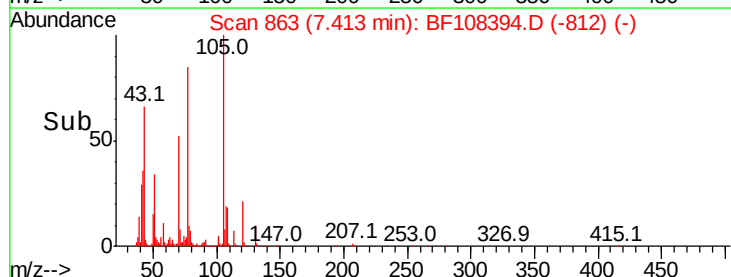
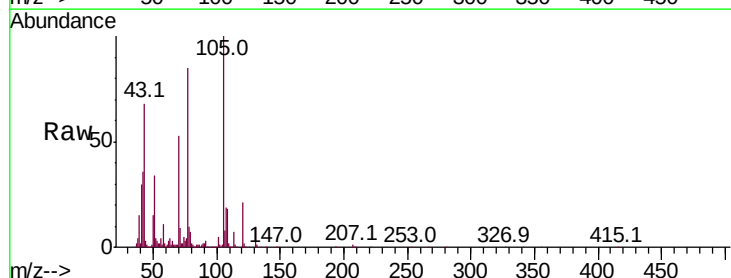
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 34.2 22.3 33.5#

120 21.3 16.9 25.3

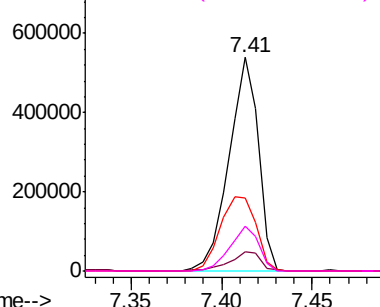


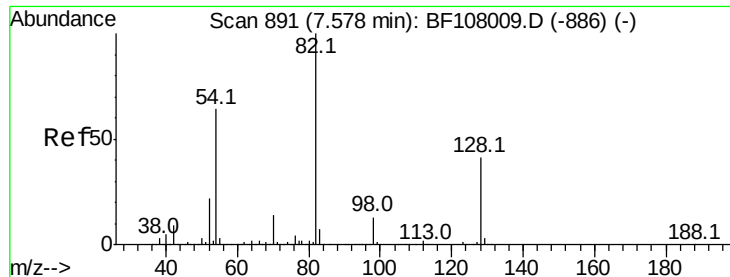
Abundance Ion 105.00 (104.70 to 105.70): E

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

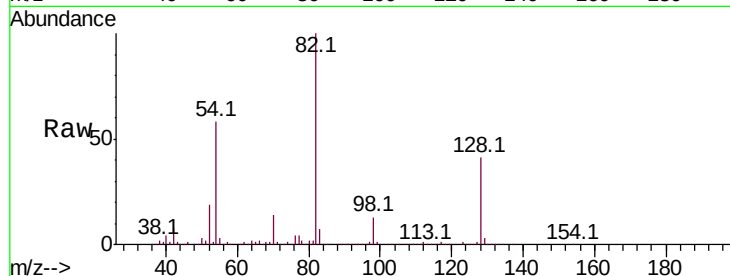




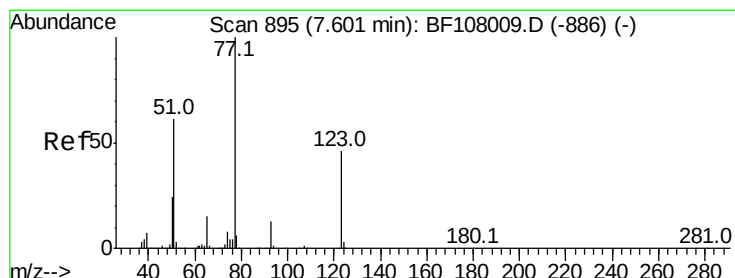
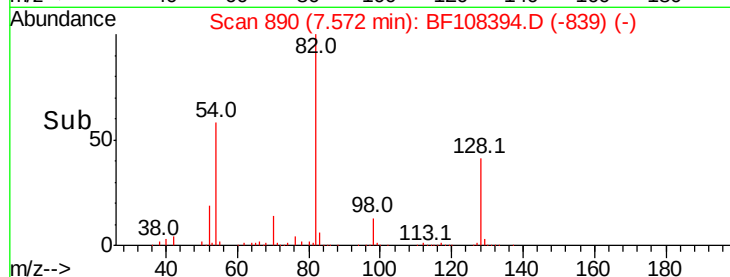
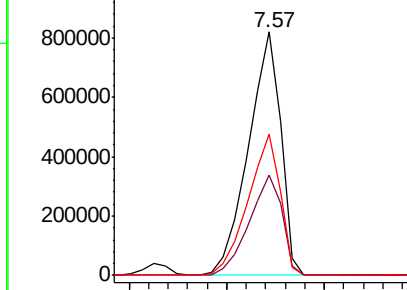
#23
 Nitrobenzene-d5
 Concen: 97.556 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

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

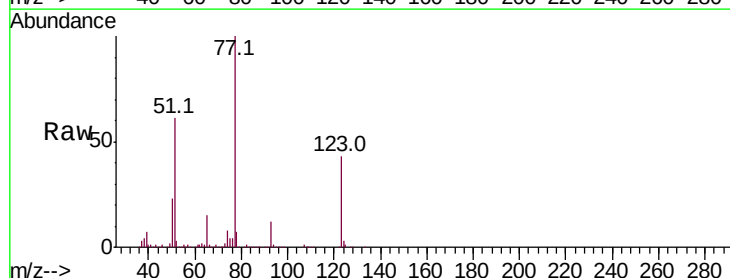


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

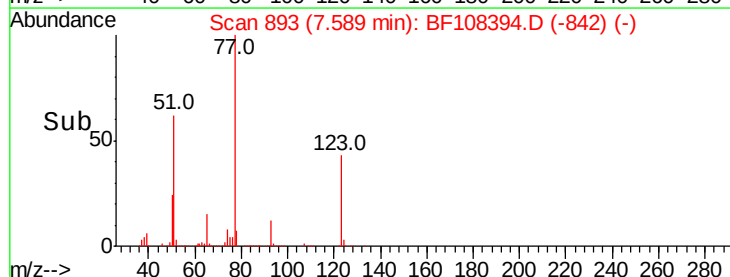
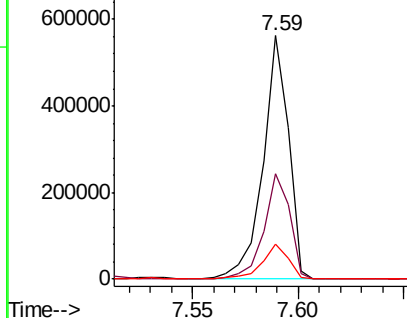


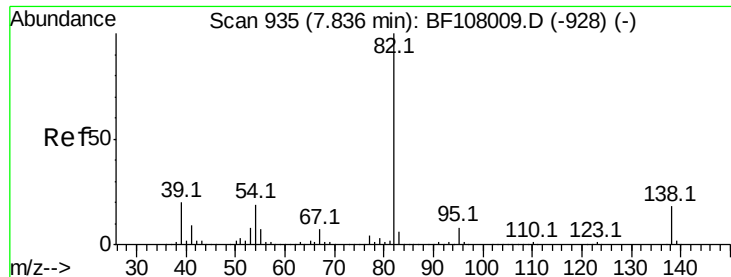
#24
 Nitrobenzene
 Concen: 48.087 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	37.9	56.9
65	14.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.904 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

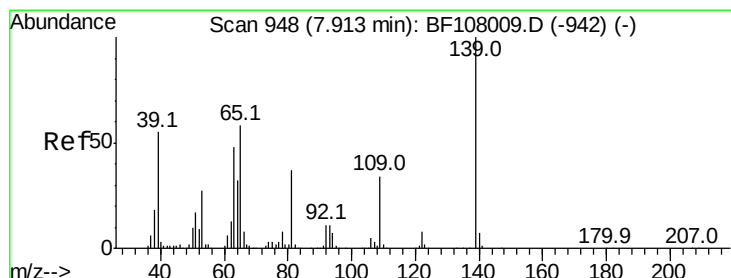
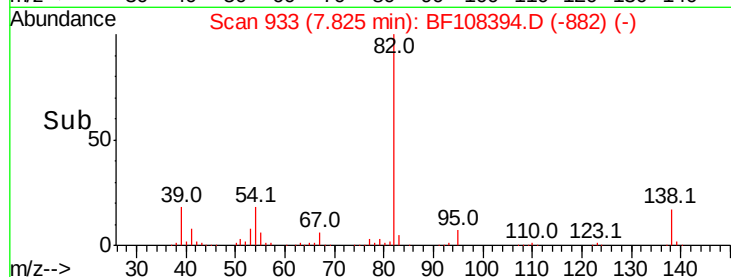
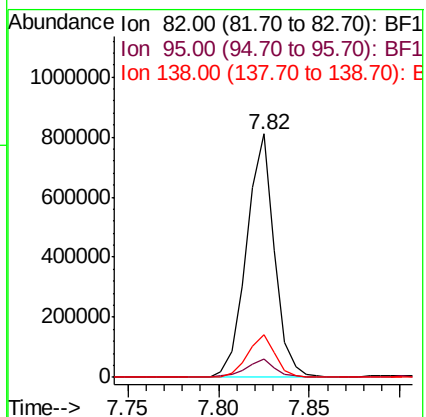
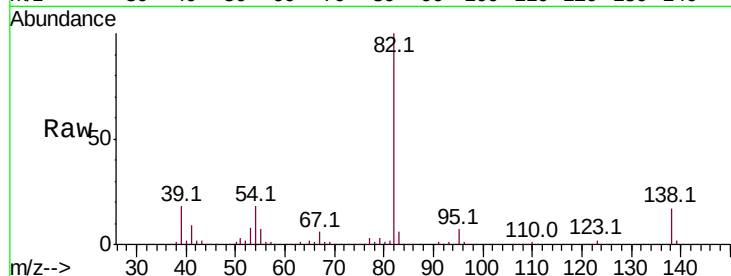
Tot Ion: 82 Resp: 861110

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 50.660 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

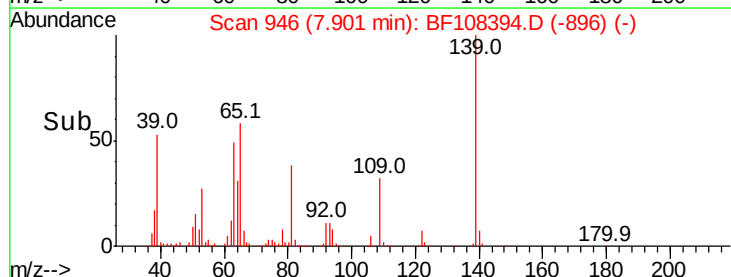
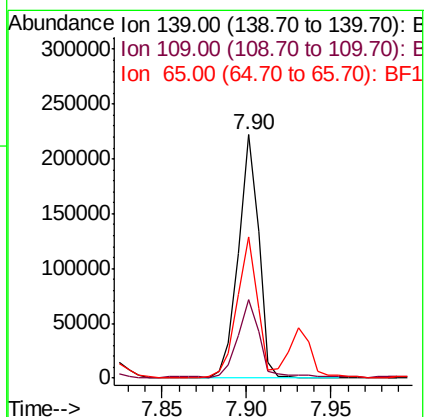
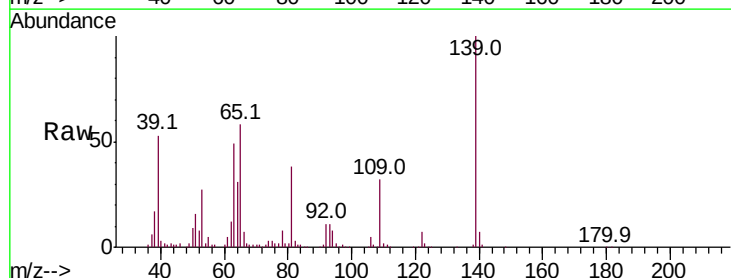
Tgt Ion: 139 Resp: 186342

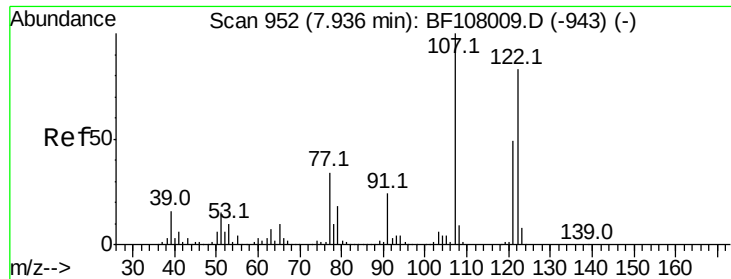
Ion Ratio Lower Upper

139 100

109 32.3 22.7 34.1

65 57.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.438 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

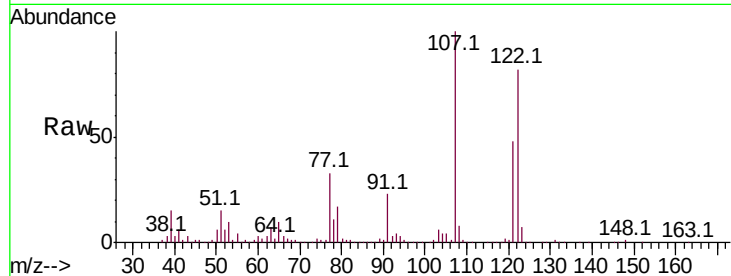
Tot Ion:122 Resp: 378386

Ion Ratio Lower Upper

122 100

107 121.4 91.2 136.8

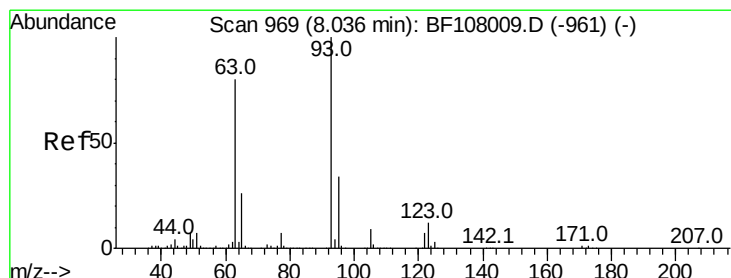
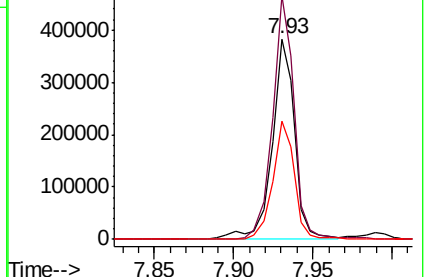
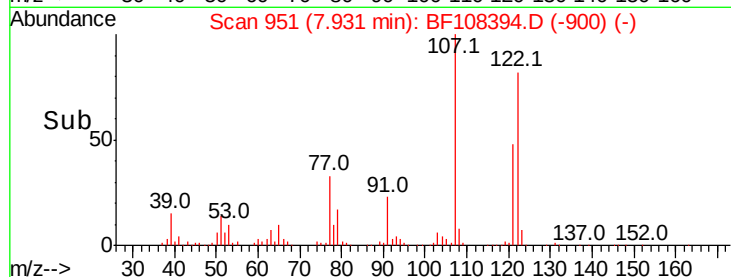
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.395 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

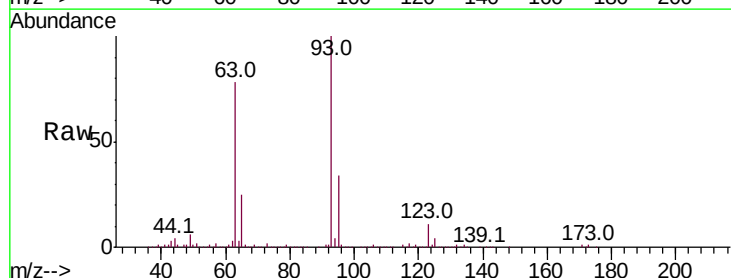
Tgt Ion: 93 Resp: 518671

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

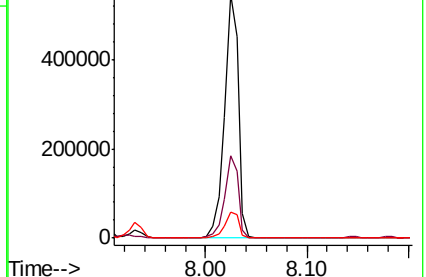
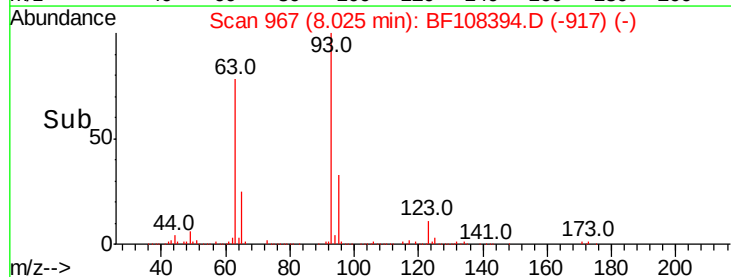
123 10.7 9.8 14.6

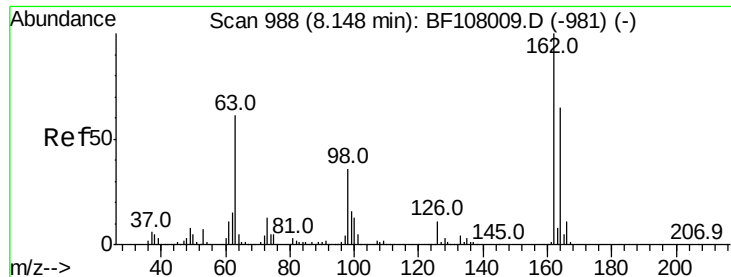


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

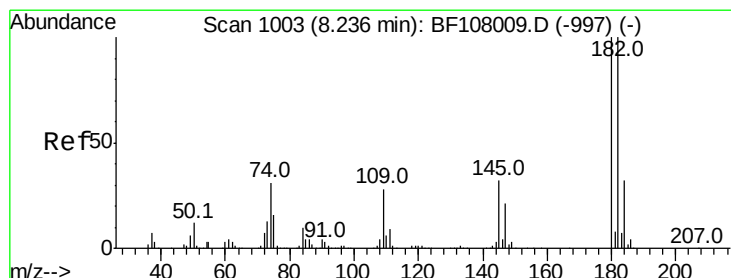
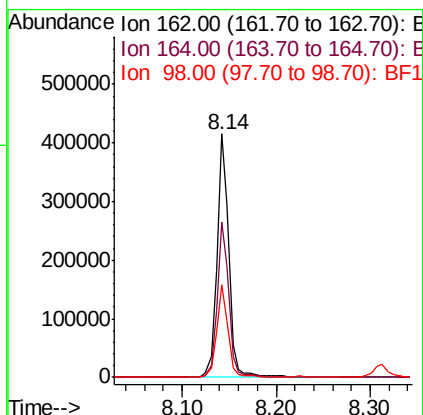
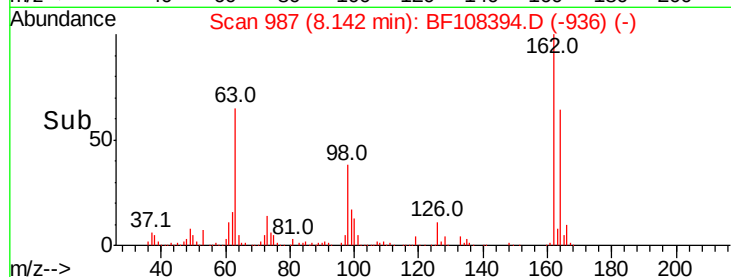
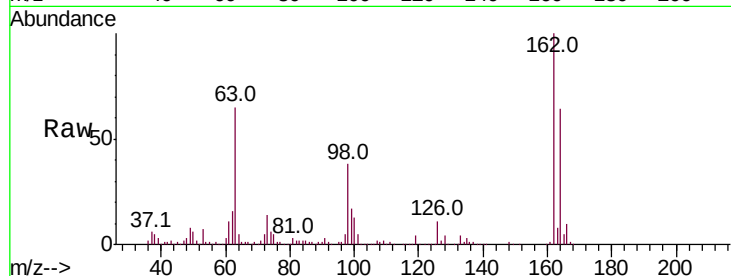




#29
2,4-Dichlorophenol
Concen: 49.333 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

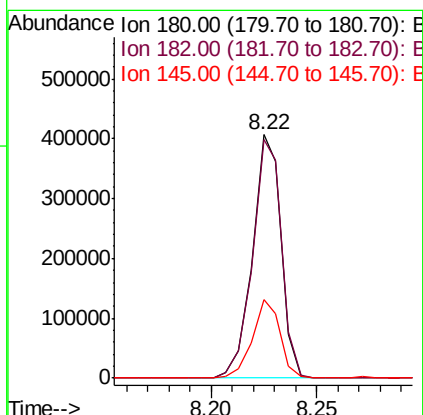
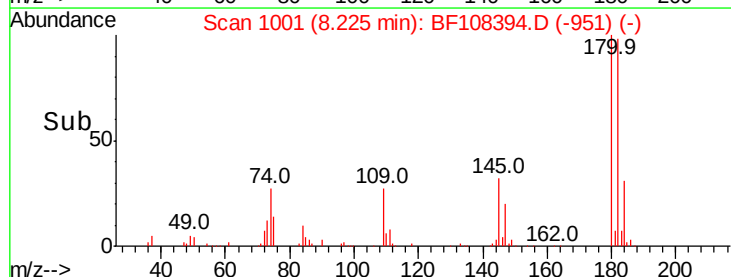
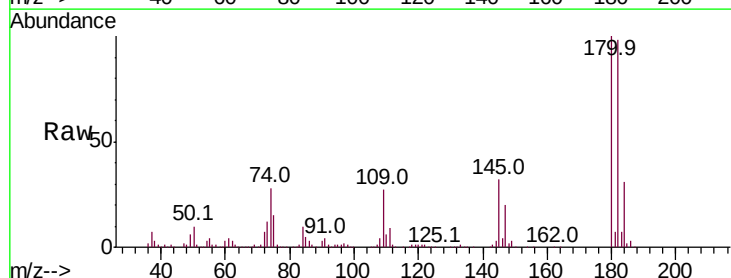
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

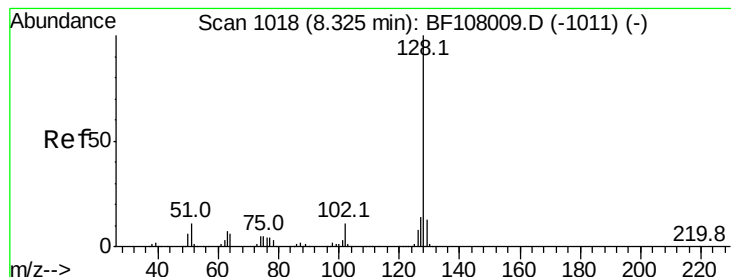
Tot Ion:162 Resp: 369922
Ion Ratio Lower Upper
162 100
164 63.6 42.7 82.7
98 37.9 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 46.253 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:180 Resp: 382392
Ion Ratio Lower Upper
180 100
182 97.8 76.8 115.2
145 32.4 26.5 39.7





#31

Naphthalene

Concen: 48.295 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

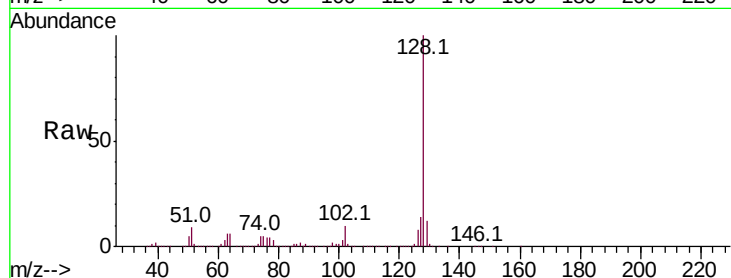
Tot Ion:128 Resp: 1180494

Ion Ratio Lower Upper

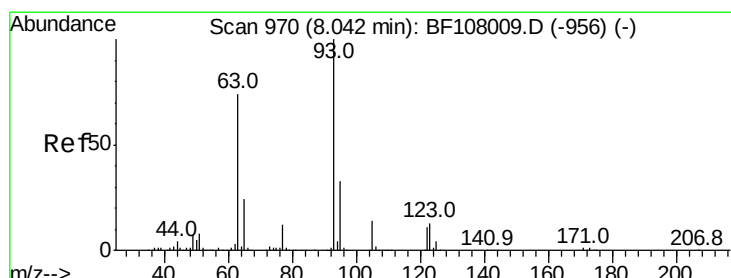
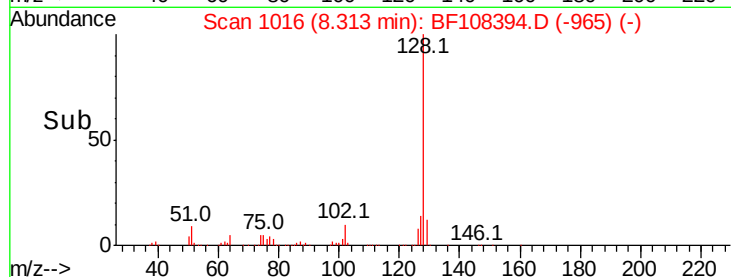
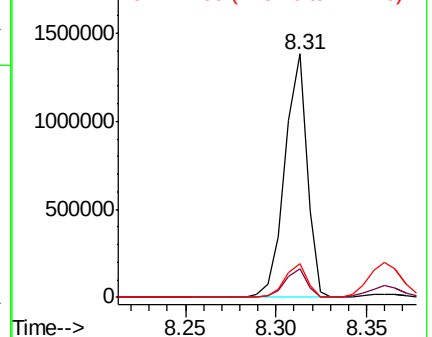
128 100

129 11.8 8.8 13.2

127 13.9 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: 8.923 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

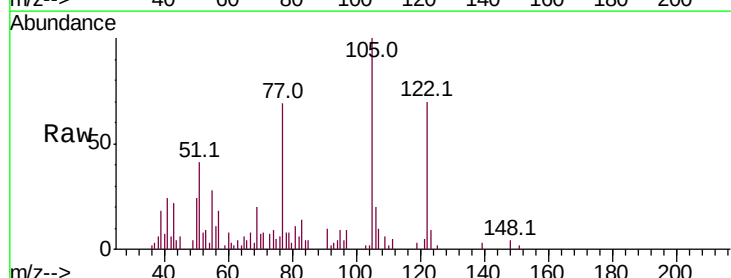
Tgt Ion:122 Resp: 15923

Ion Ratio Lower Upper

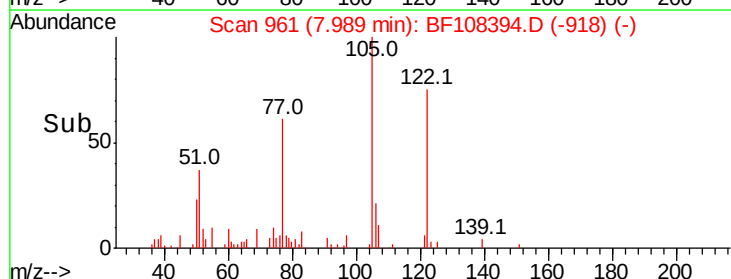
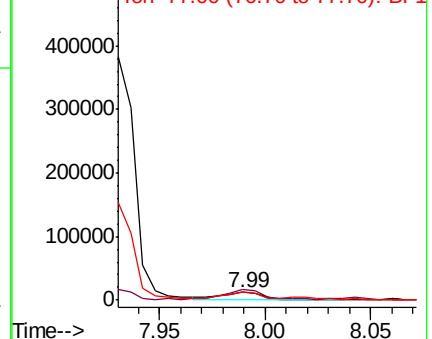
122 100

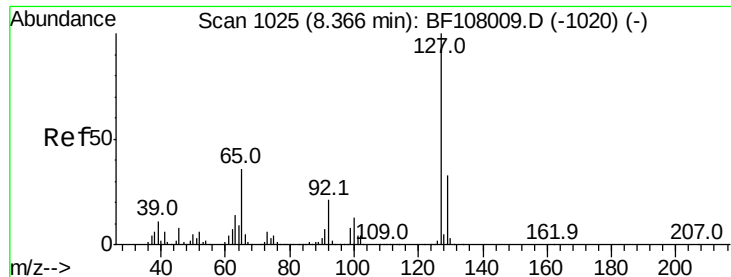
105 143.8 101.1 141.1#

77 99.1 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

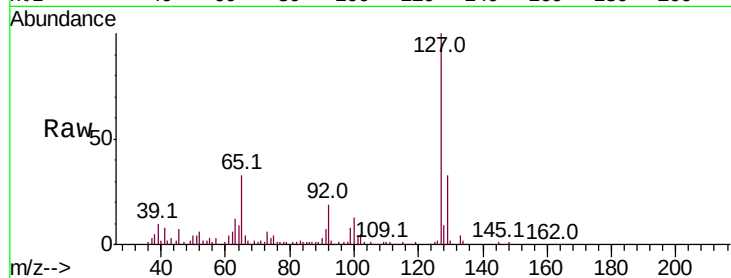




#33
4-Chloroaniline
Concen: 24.008 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

Tot Ion:	127	Resp:	255734
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	33.0	25.0	37.4
92	19.1	15.2	22.8



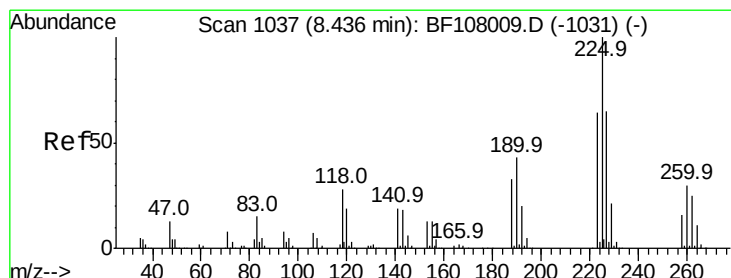
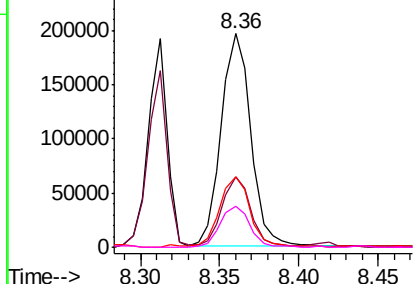
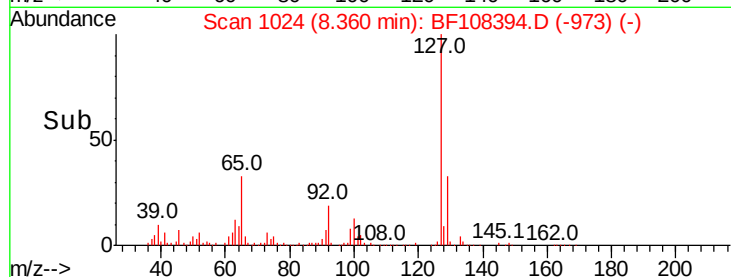
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

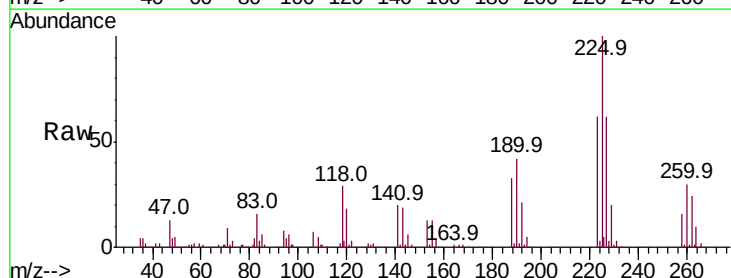
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.464 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:	225	Resp:	248409
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	62.2	51.9	77.9

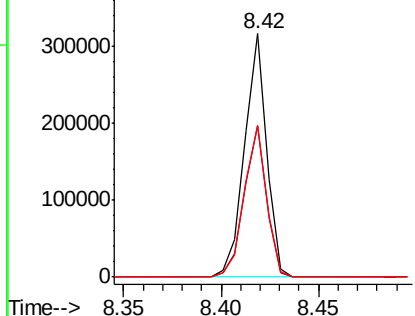
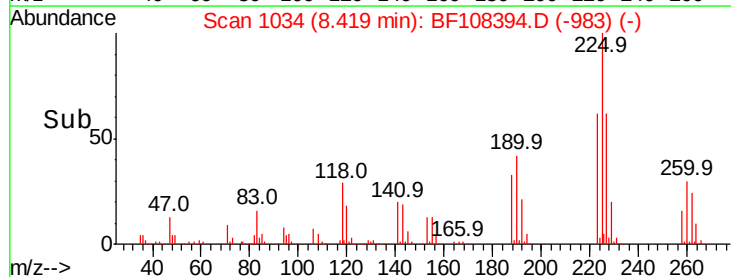


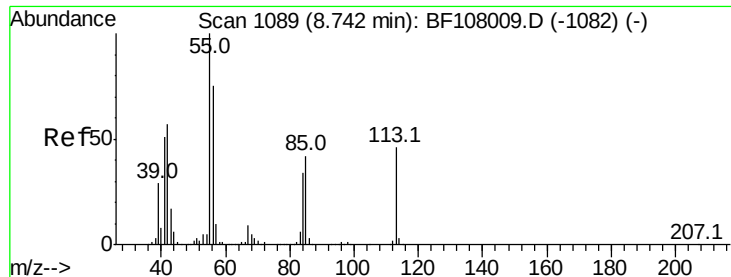
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.025 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

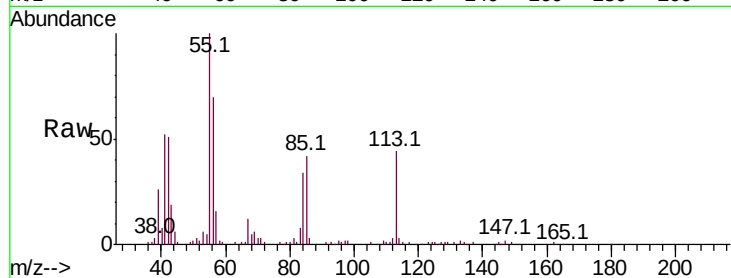
Tot Ion:113 Resp: 75253

Ion Ratio Lower Upper

113 100

55 226.4 163.3 203.3#

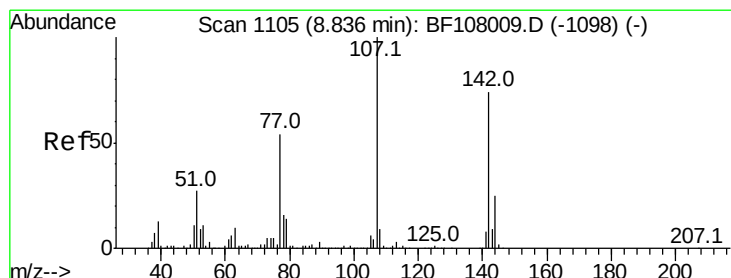
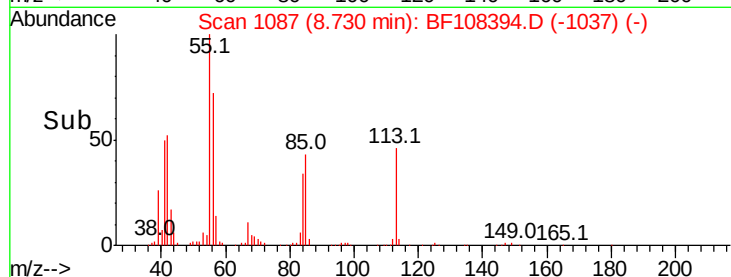
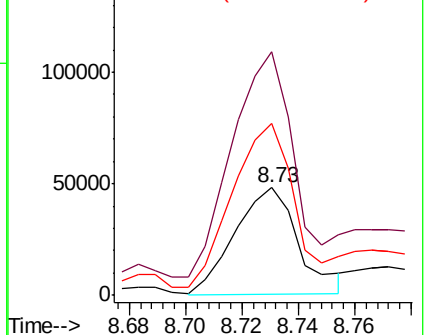
56 159.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.950 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

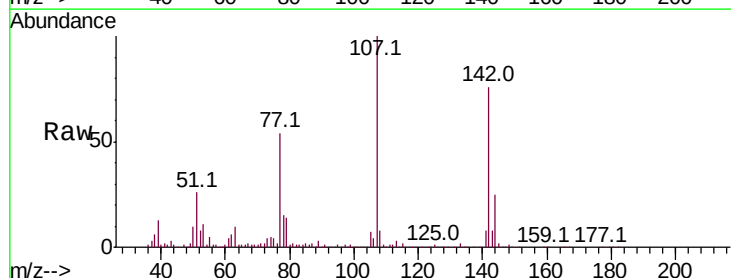
Tgt Ion:107 Resp: 379795

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

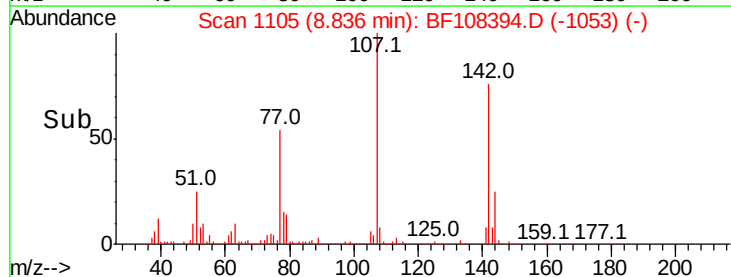
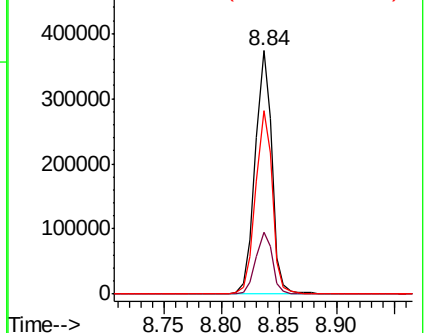
142 75.6 62.0 93.0

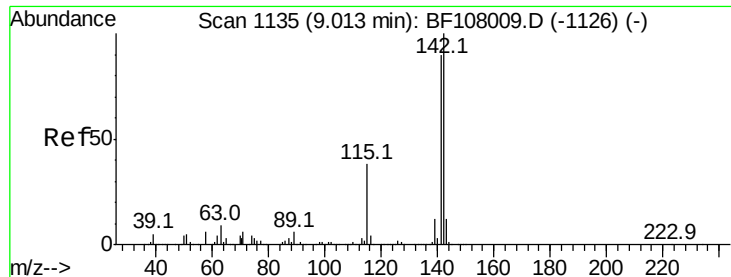


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.900 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

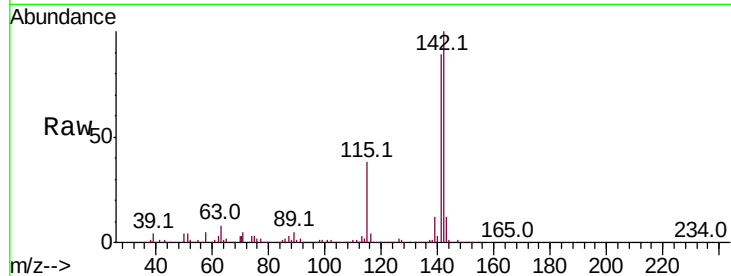
Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

Tot Ion:142 Resp: 793782

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	37.6	26.1	39.1

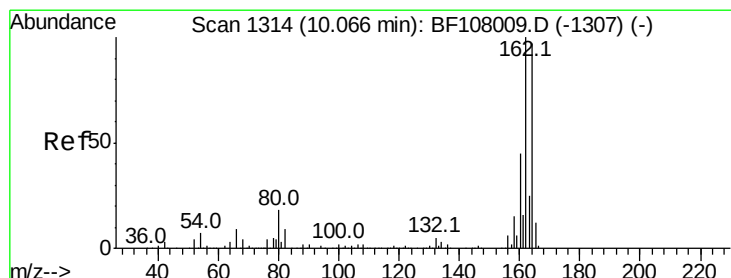
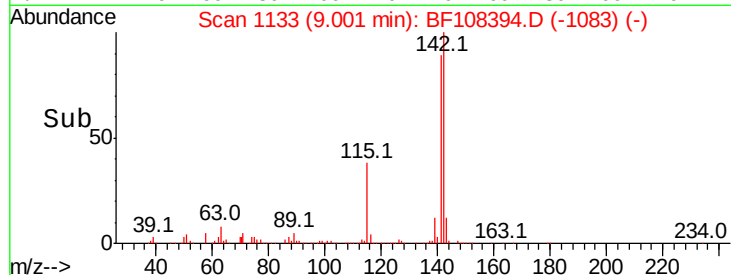
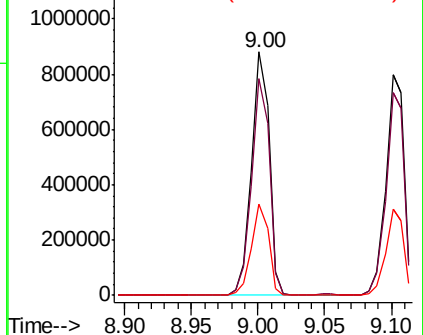


Abundance

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: 10.05 min Scan# 1312

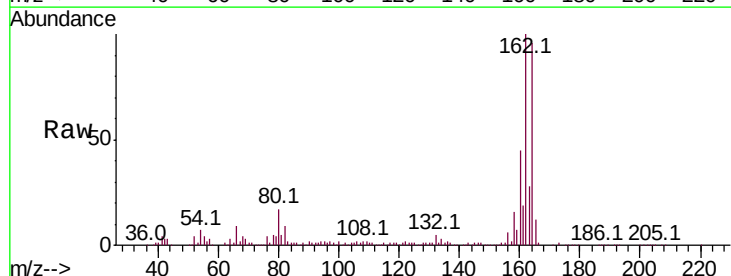
Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Tgt Ion:164 Resp: 248672

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.9	38.3	57.5

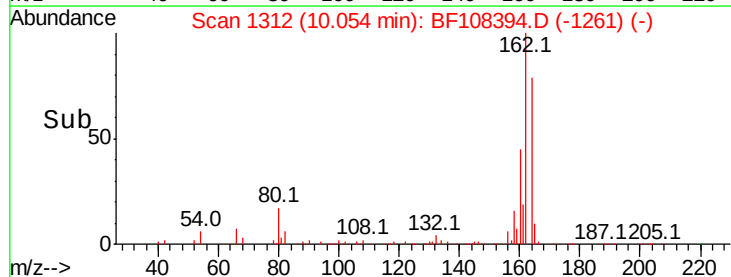
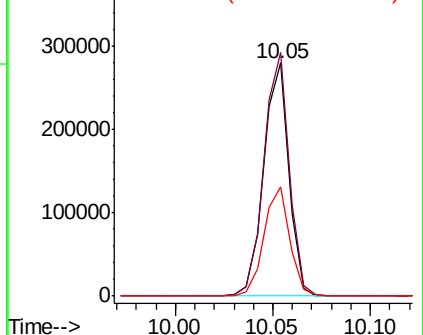


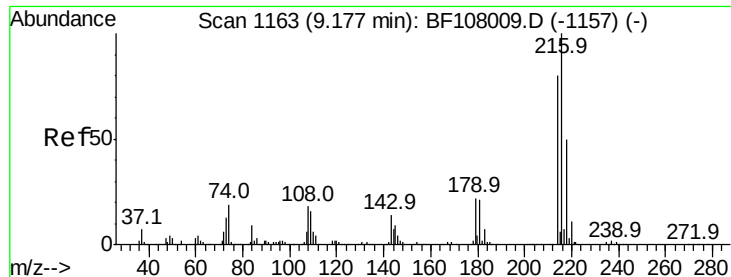
Abundance

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

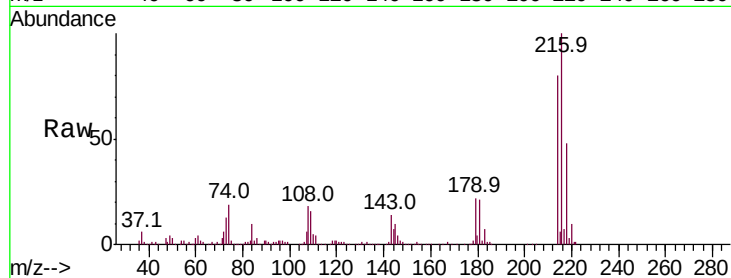




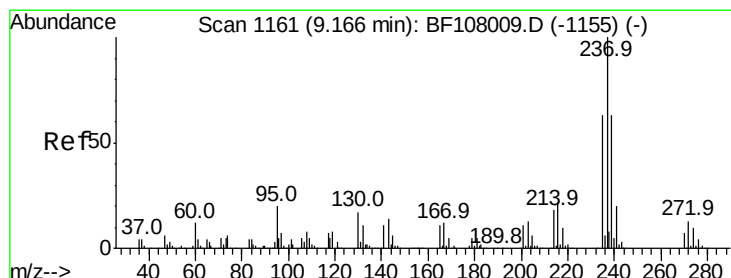
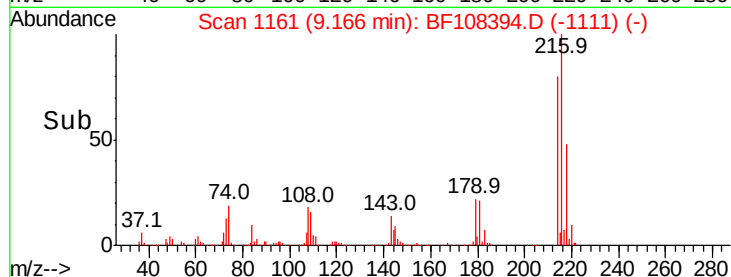
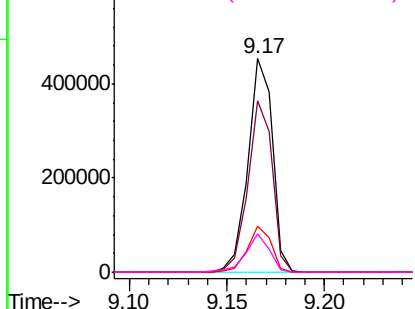
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.883 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

Tot Ion:	216	Resp:	396206
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.7	18.1	27.1
108	17.4	17.2	25.8

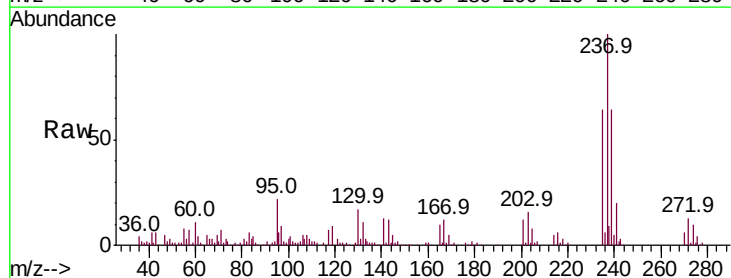


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

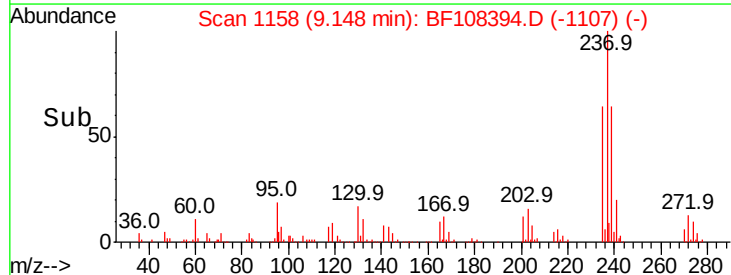
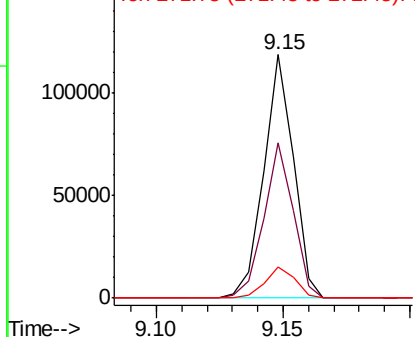


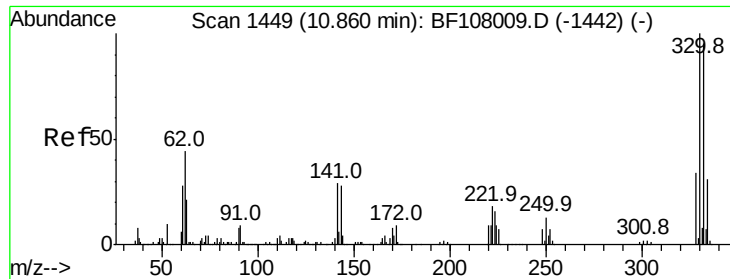
#40
 Hexachlorocyclopentadiene
 Concen: 19.577 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:	237	Resp:	96562
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	12.7	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

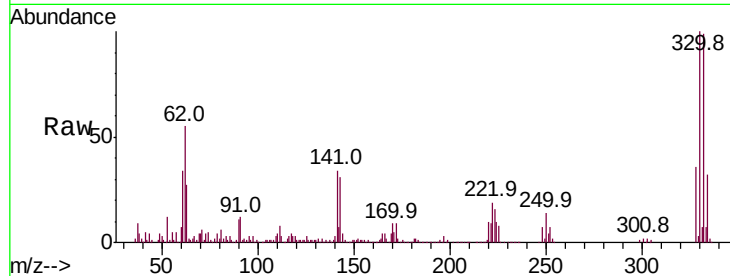




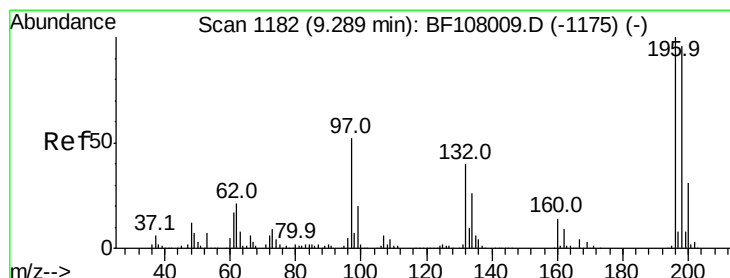
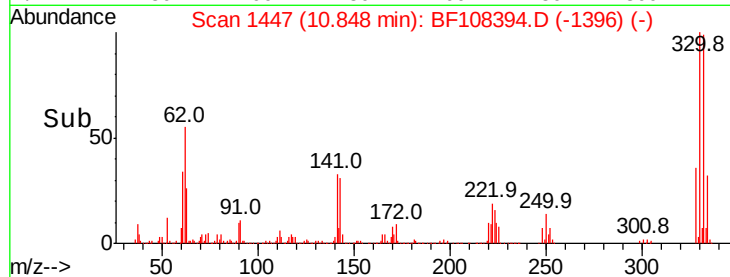
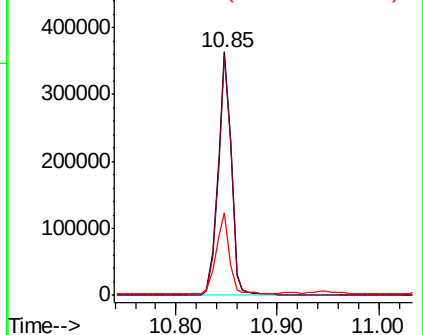
#41
 2,4,6-Tribromophenol
 Concen: 133.925 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

Tot Ion:330 Resp: 332192
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.1 29.9 44.9

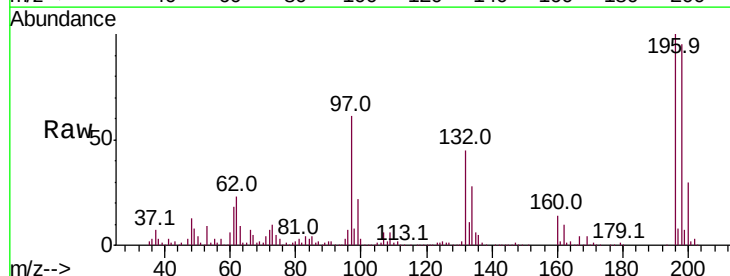


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

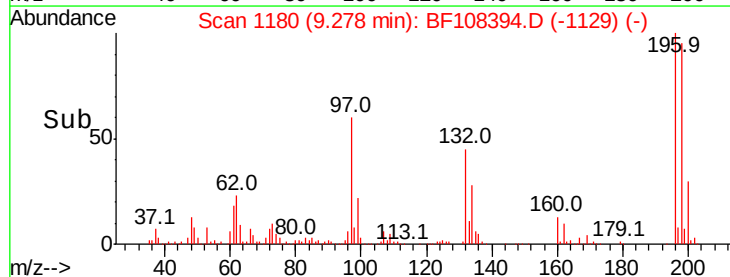
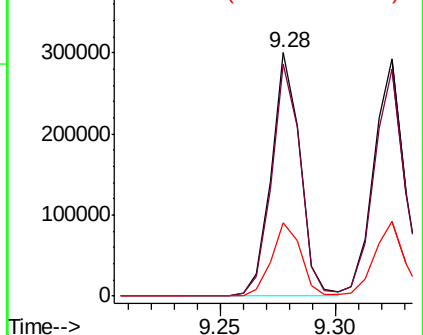


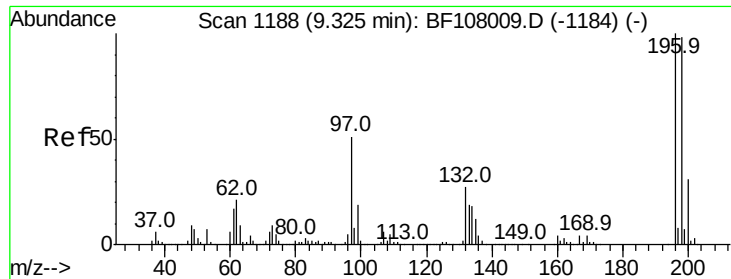
#42
 2,4,6-Trichlorophenol
 Concen: 54.786 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:196 Resp: 259623
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.0 24.5 36.7



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

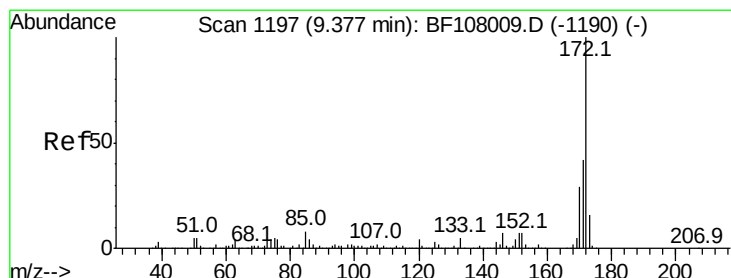
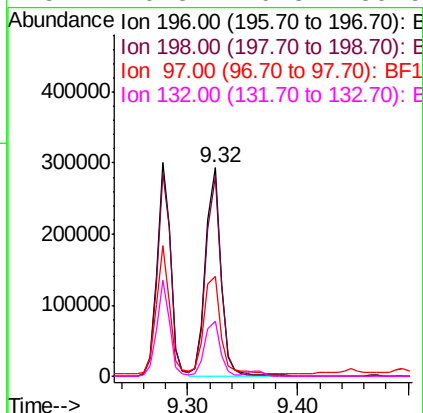
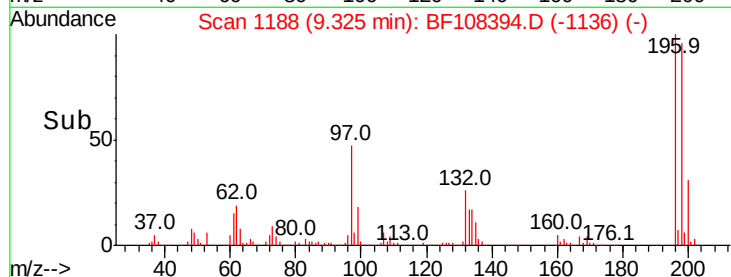
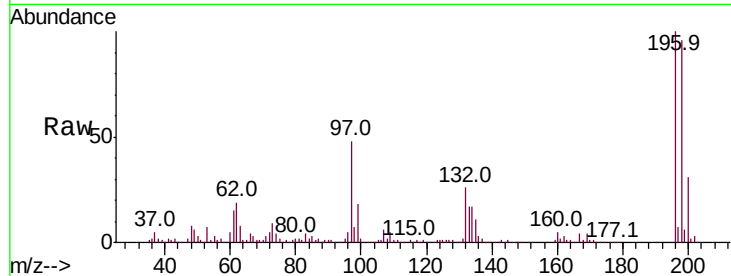




#43
 2,4,5-Trichlorophenol
 Concen: 52.484 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

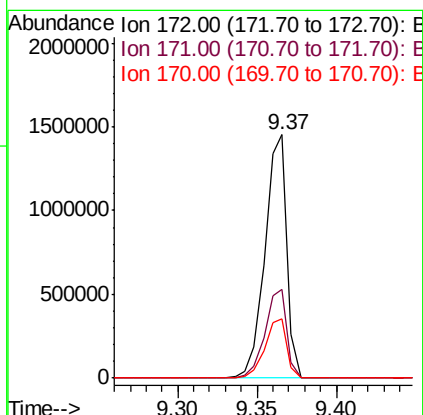
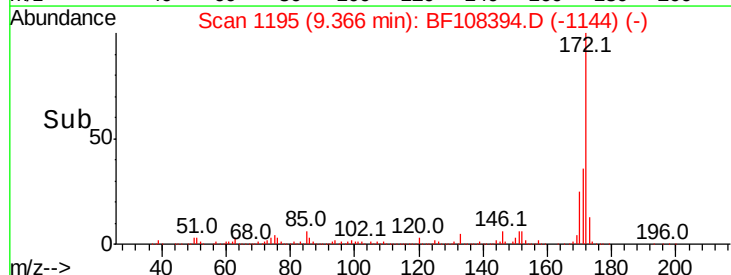
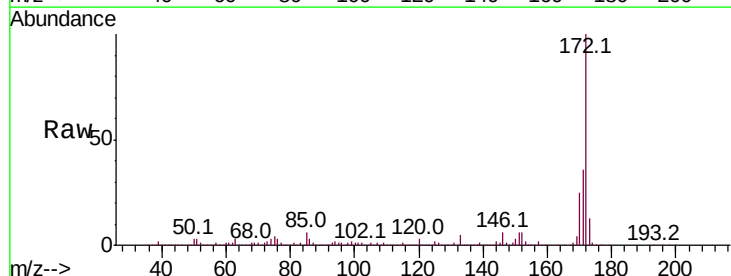
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

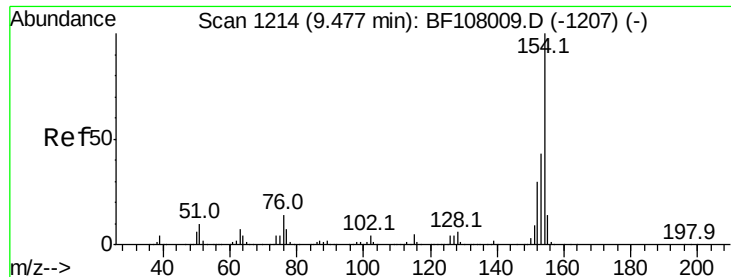
Tot Ion:	196	Resp:	273787
Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	47.9	42.9	64.3
132	26.3	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 90.603 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:	172	Resp:	1403353
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	19.6	29.4

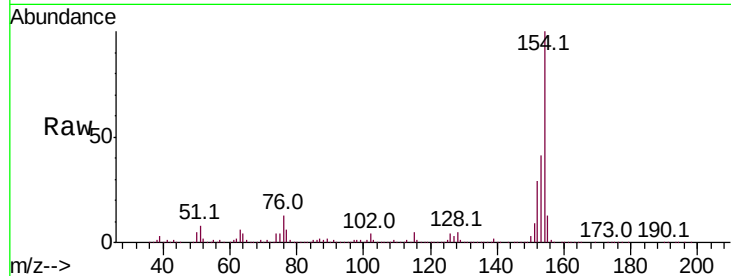




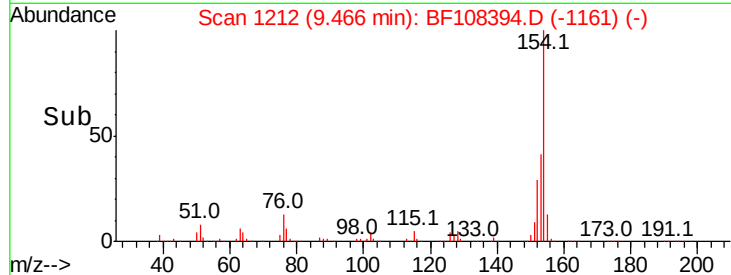
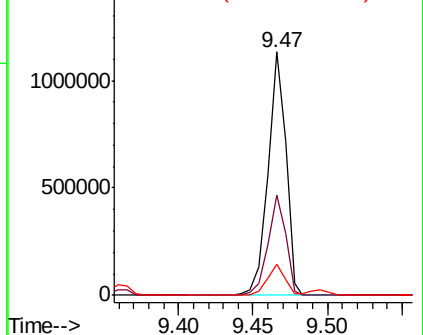
#45
 1,1'-Biphenyl
 Concen: 50.880 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.8	0.0	34.0

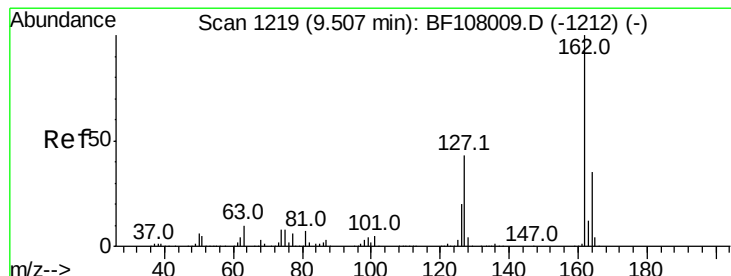


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

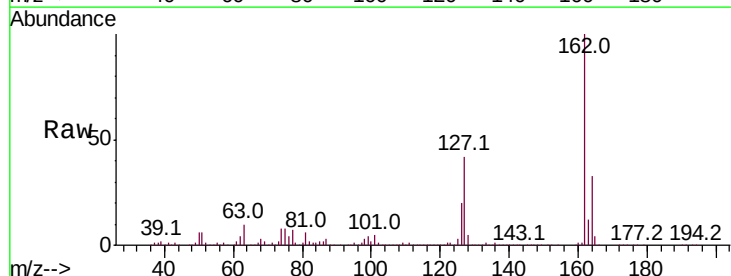
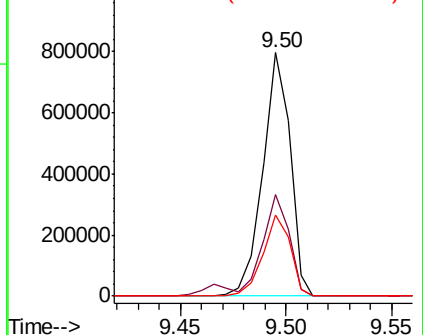


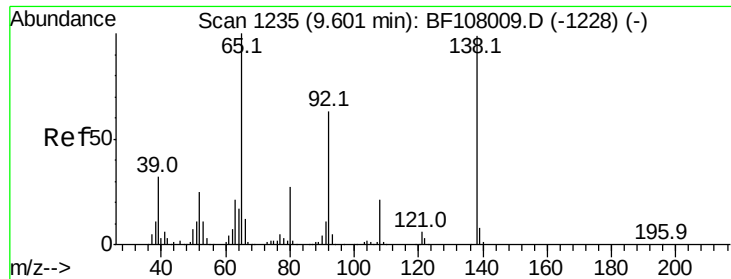
#46
 2-Chloronaphthalene
 Concen: 49.792 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	33.3	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

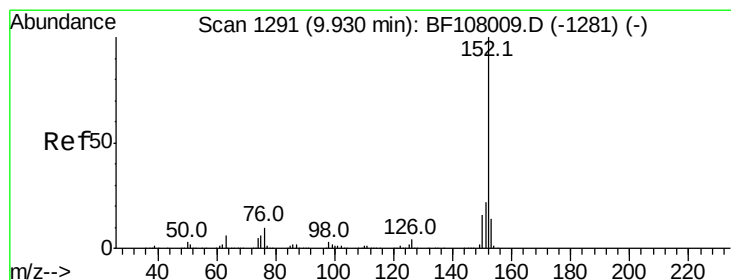
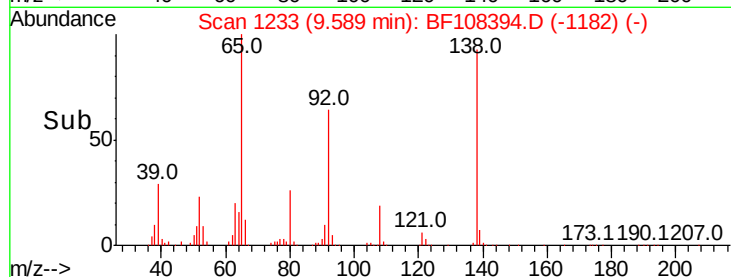
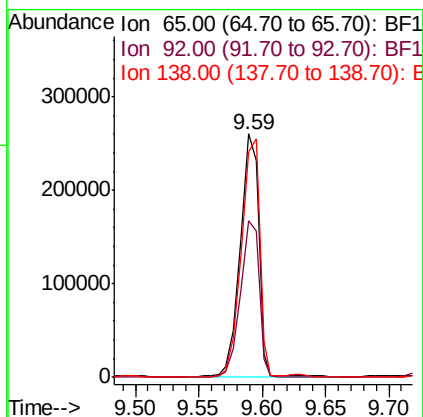
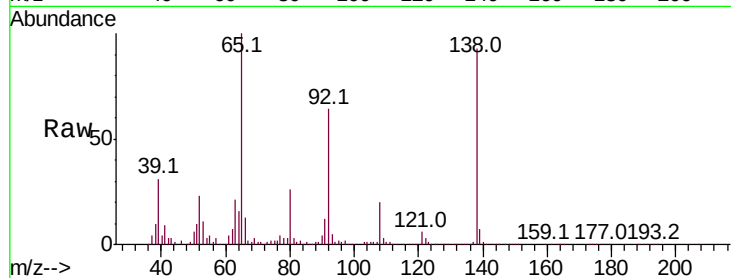




#47
2-Nitroaniline
Concen: 55.323 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

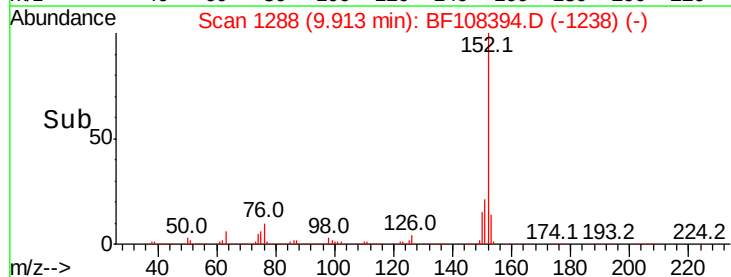
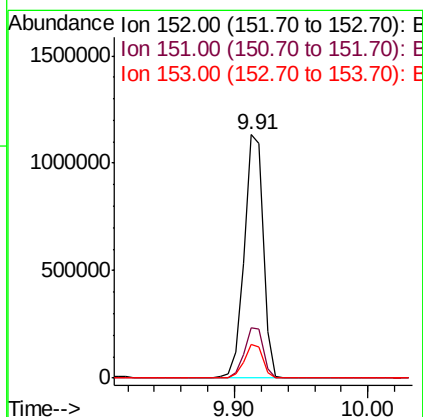
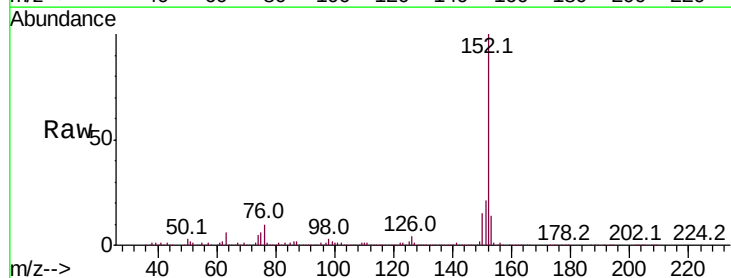
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

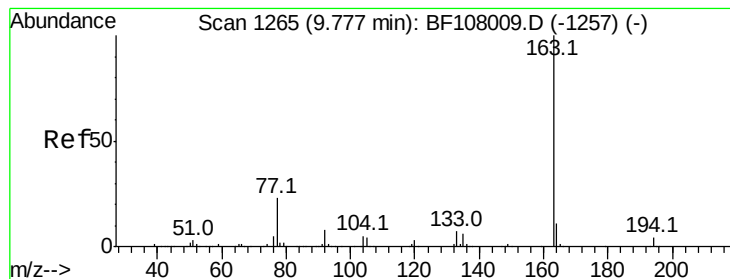
Tot Ion: 65 Resp: 259395
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 92.7 91.2 136.8



#48
Acenaphthylene
Concen: 48.482 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion: 152 Resp: 1110685
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 66.446 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

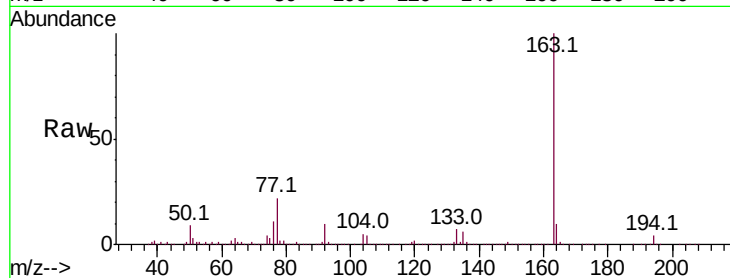
Tot Ion:163 Resp: 1150984

Ion Ratio Lower Upper

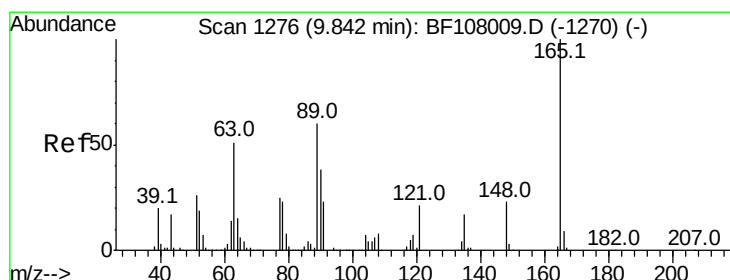
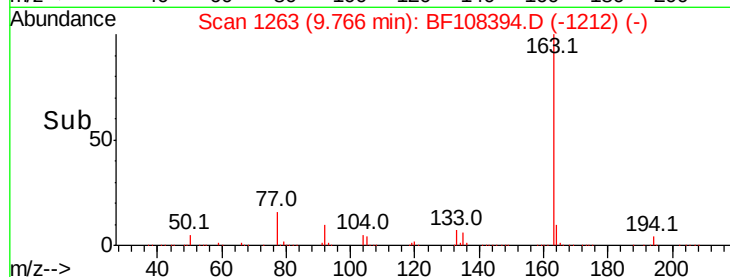
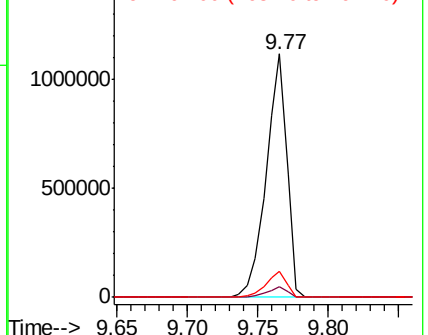
163 100

194 4.2 2.7 4.1#

164 10.5 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: 49.769 ng

RT: 9.83 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

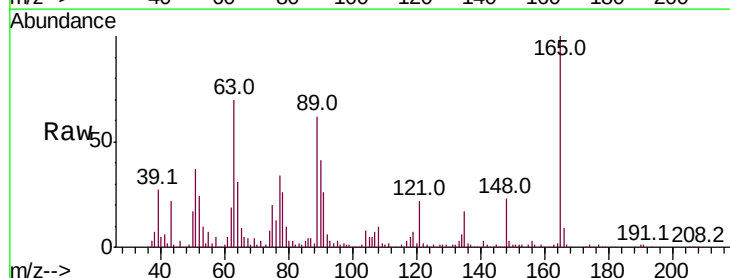
Tgt Ion:165 Resp: 180367

Ion Ratio Lower Upper

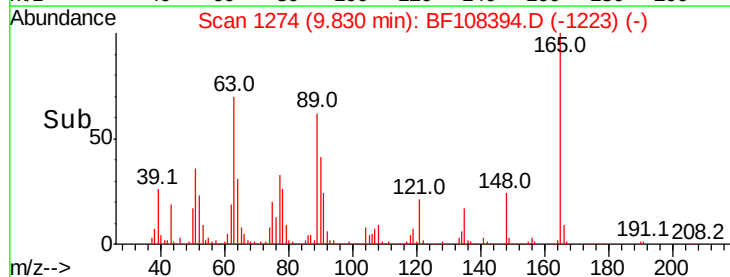
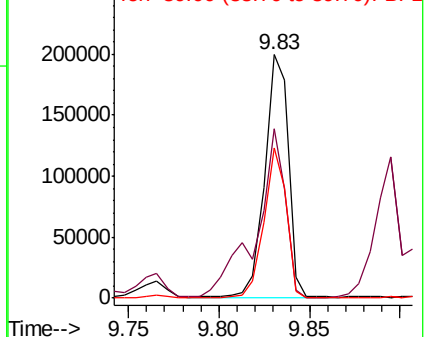
165 100

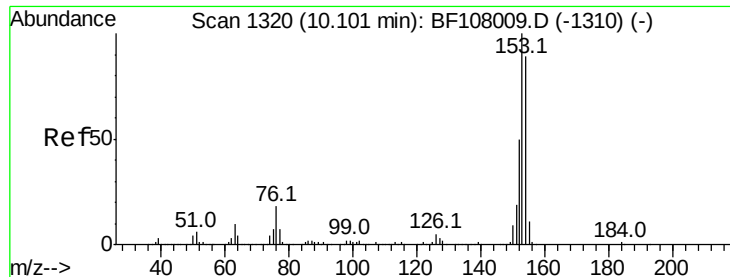
63 69.7 44.7 67.1#

89 61.5 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: 47.125 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

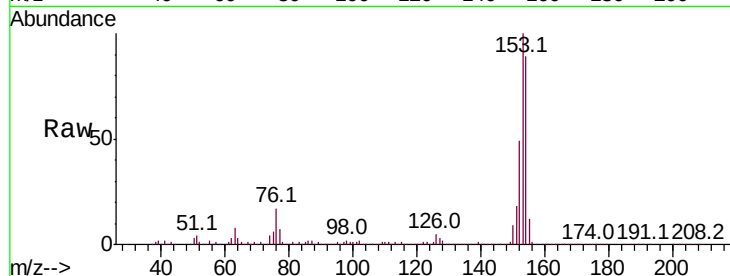
Tot Ion:154 Resp: 661253

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

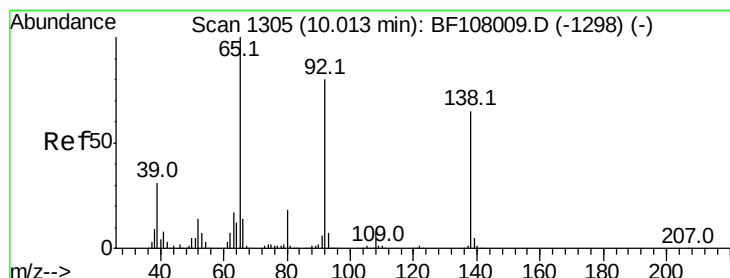
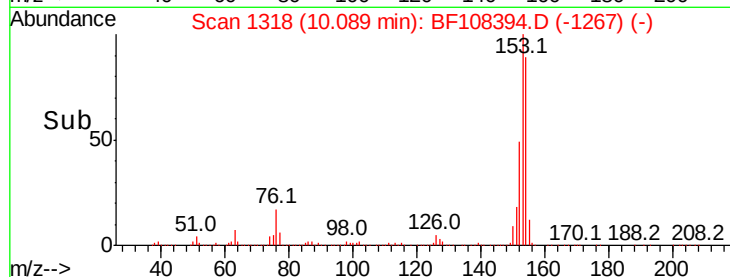
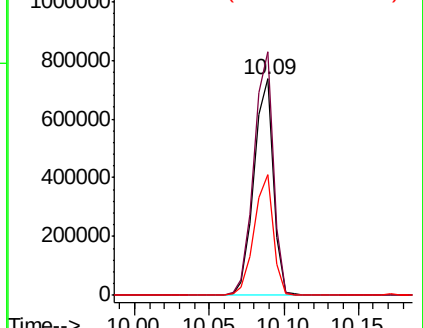
152 55.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.086 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

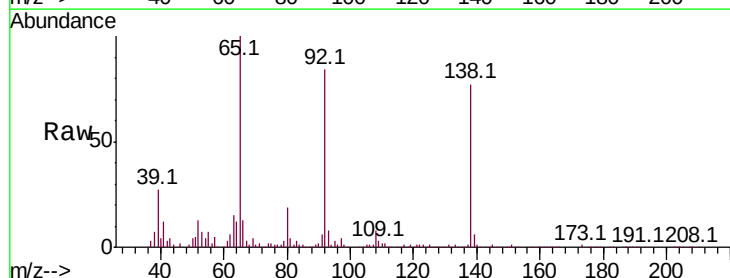
Tgt Ion:138 Resp: 166881

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

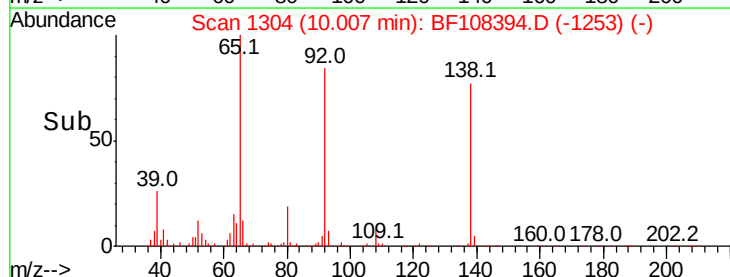
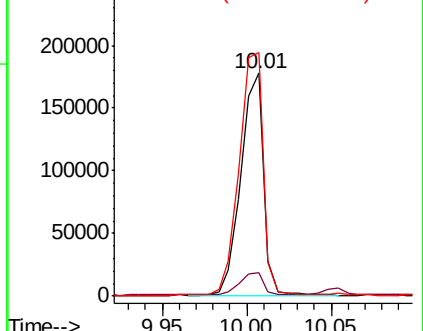
92 109.3 89.4 134.2

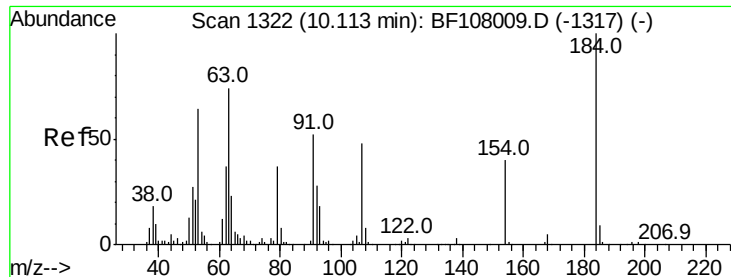


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

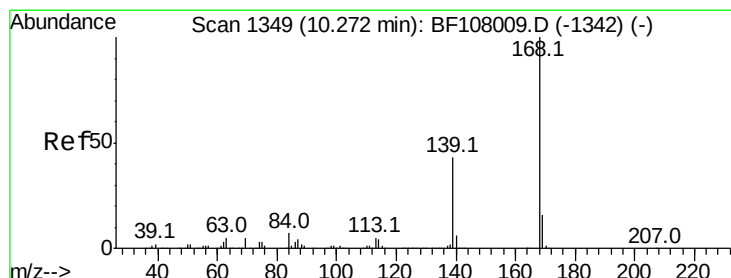
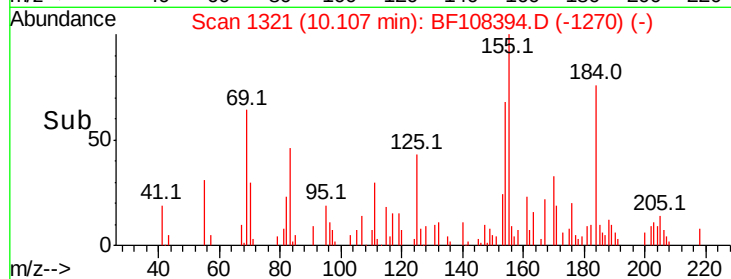
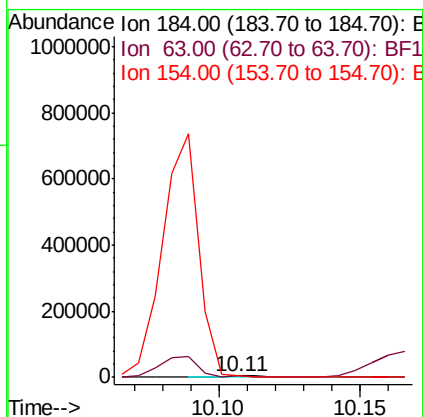
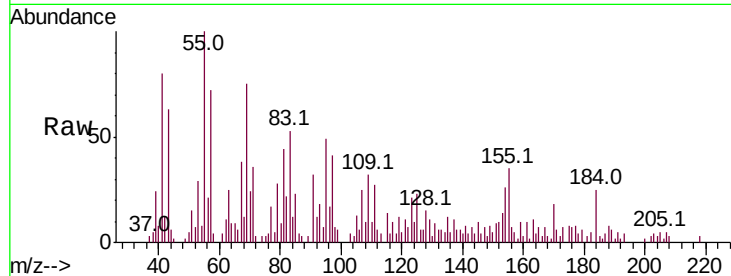




#53
 2,4-Dinitrophenol
 Concen: 9.745 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

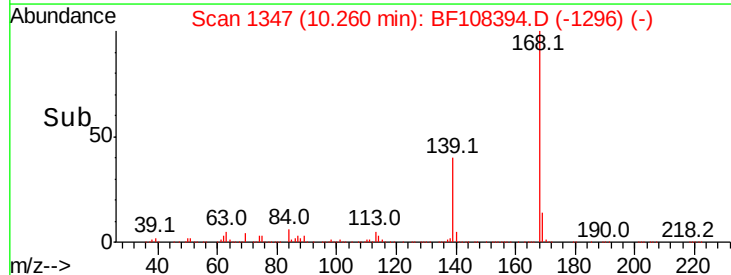
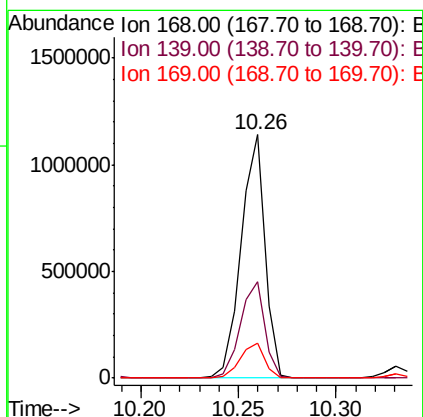
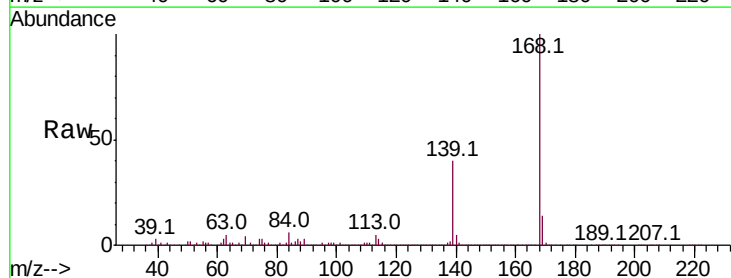
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

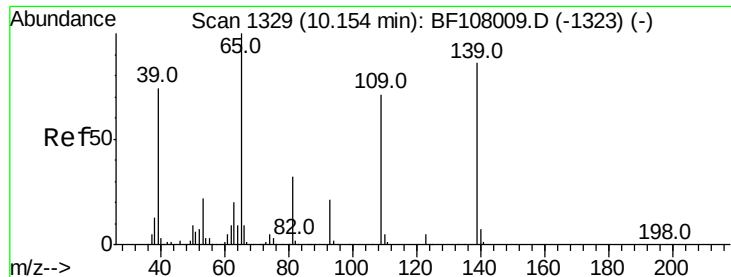
Tot Ion:184 Resp: 4050
 Ion Ratio Lower Upper
 184 100
 63 100.4 54.2 81.2#
 154 103.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.657 ng
 RT: 10.26 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:168 Resp: 968823
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 14.2 10.9 16.3

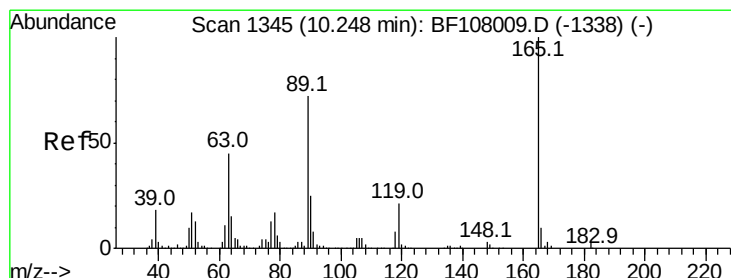
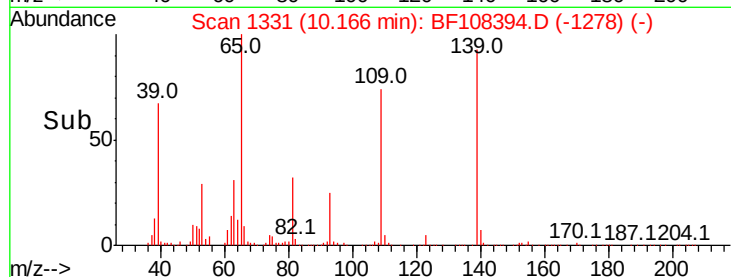
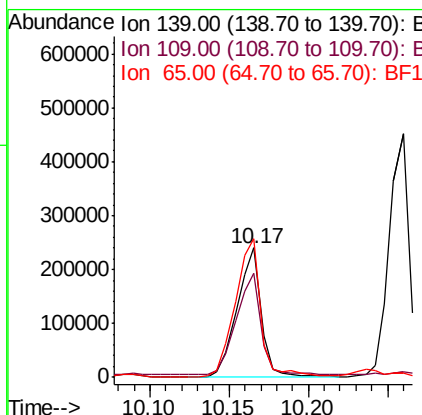
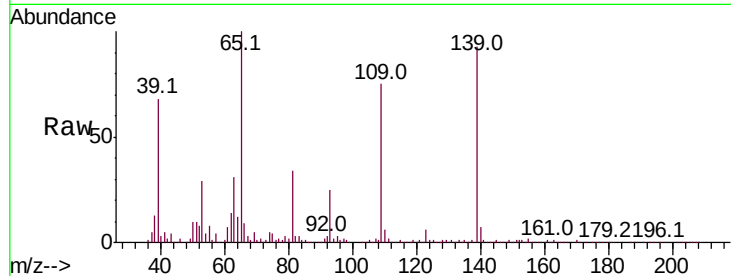




#55
4-Nitrophenol
Concen: 84.056 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

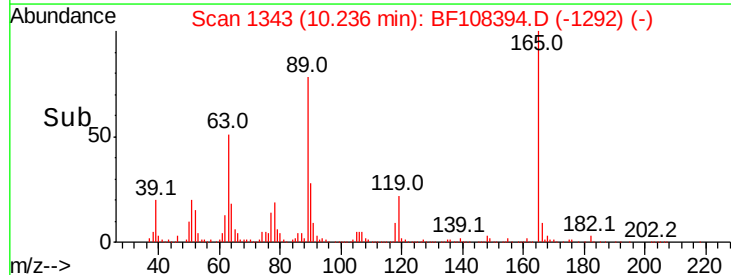
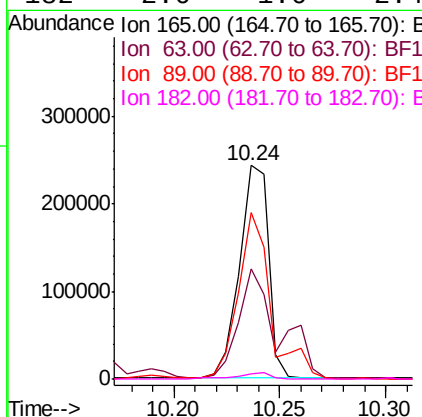
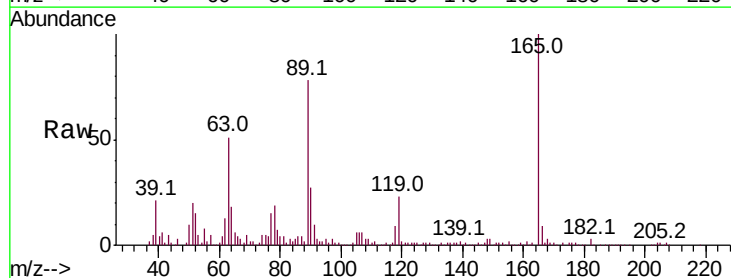
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

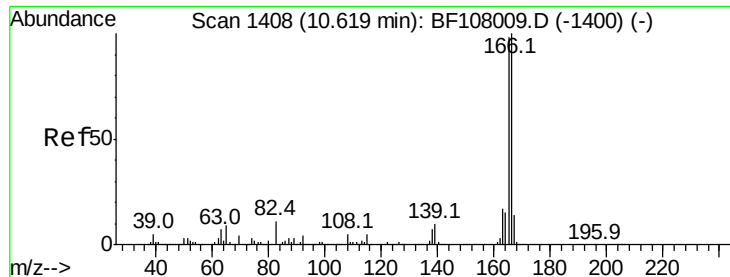
Tot Ion:139 Resp: 252392
Ion Ratio Lower Upper
139 100
109 80.5 48.4 88.4
65 107.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.554 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:165 Resp: 231167
Ion Ratio Lower Upper
165 100
63 51.3 36.4 54.6
89 78.1 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 47.283 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

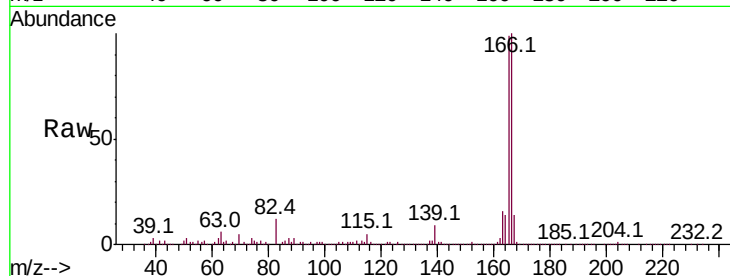
Tot Ion:166 Resp: 760907

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

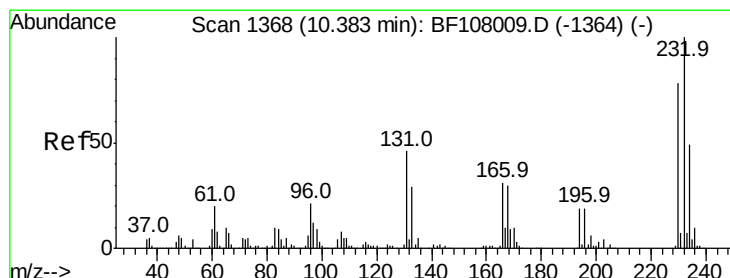
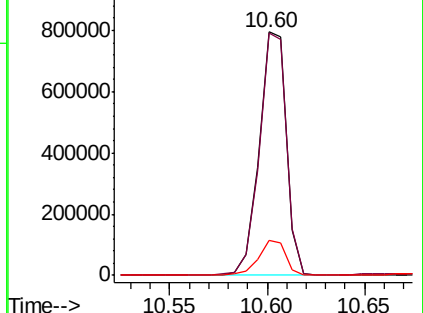
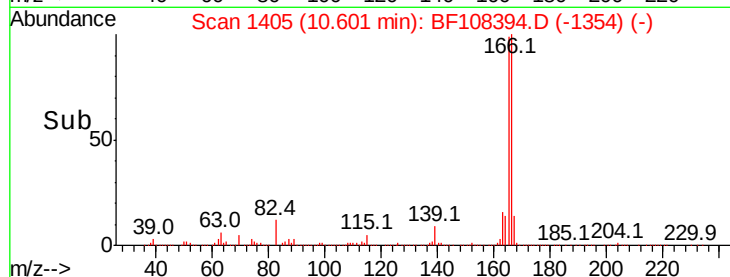
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.027 ng

RT: 10.38 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Tgt Ion:232 Resp: 205044

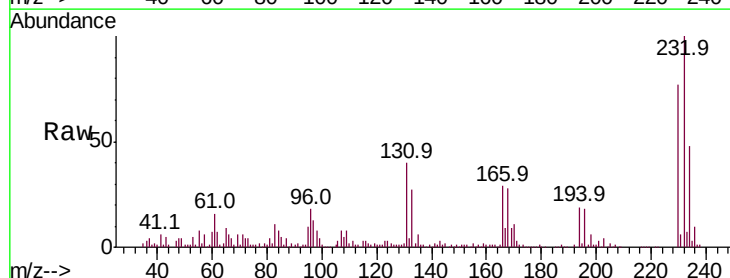
Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.7 2.1 3.1

166 29.0 27.8 41.6

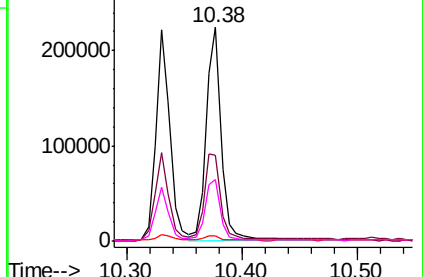
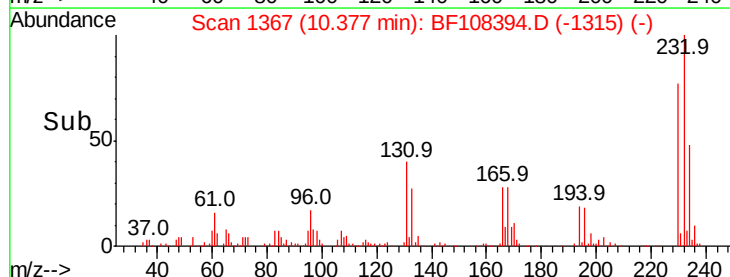


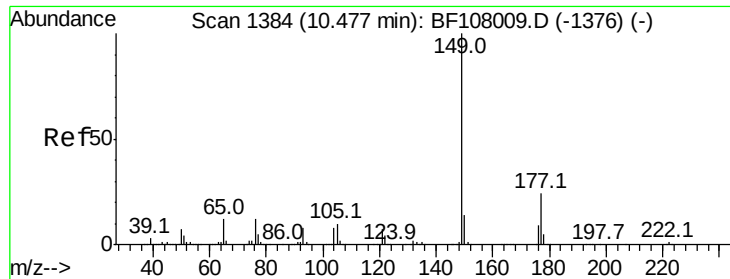
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

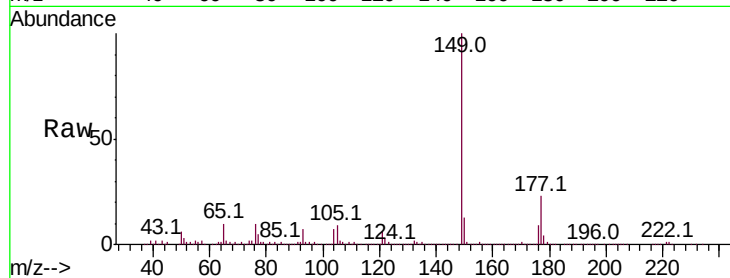




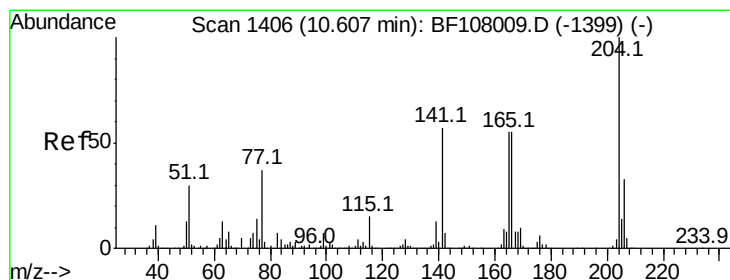
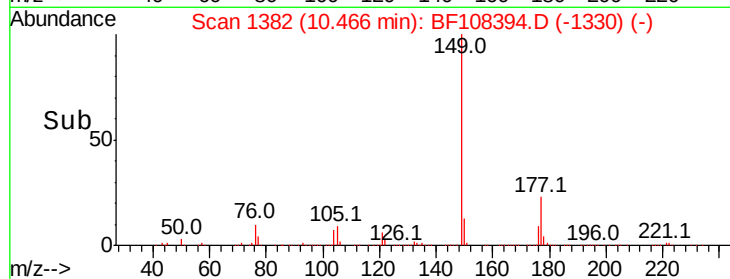
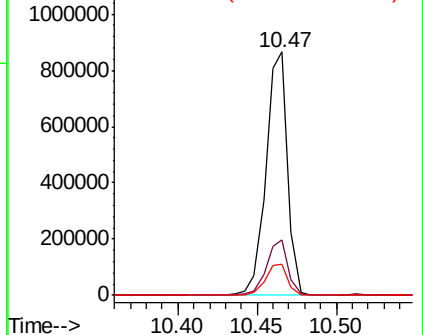
#59
Diethylphthalate
Concen: 49.018 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	12.8	10.1	15.1

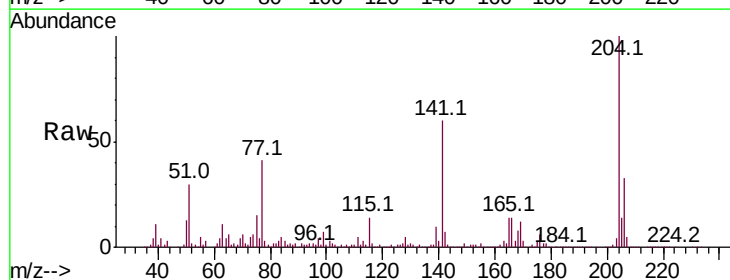


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

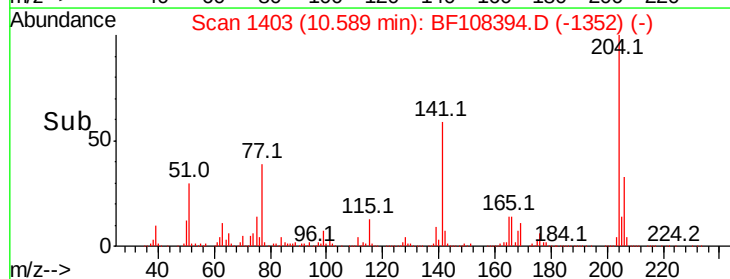
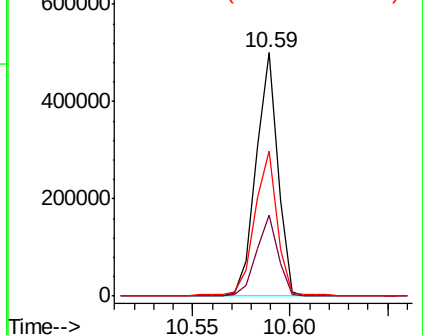


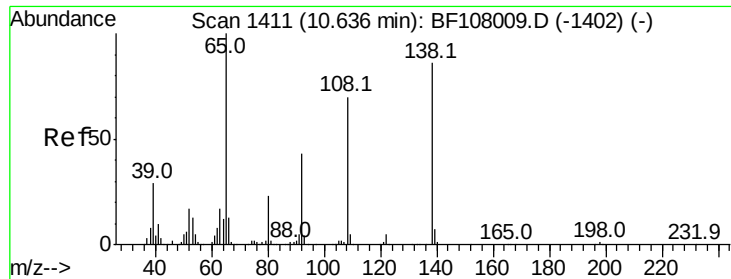
#60
4-Chlorophenyl-phenylether
Concen: 45.975 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	59.6	54.6	81.8



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

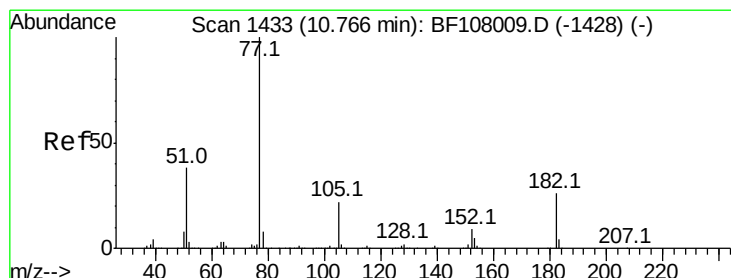
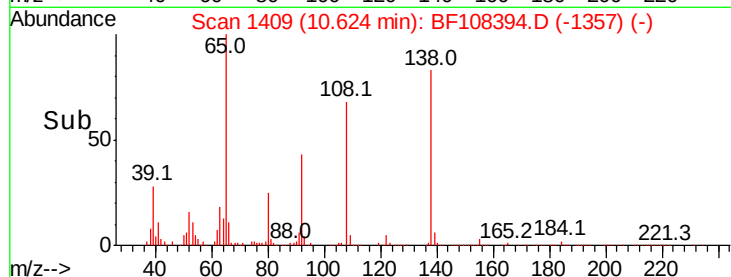
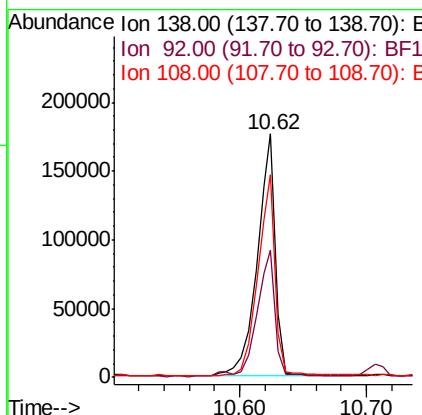
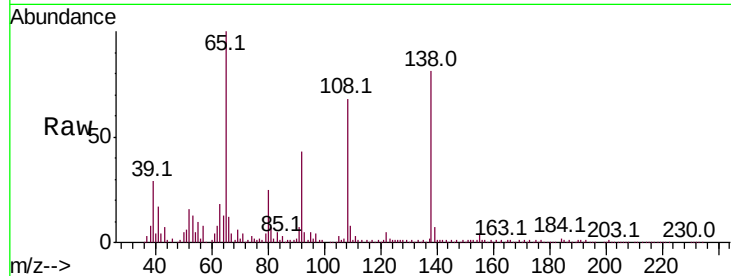




#61
4-Nitroaniline
Concen: 45.098 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

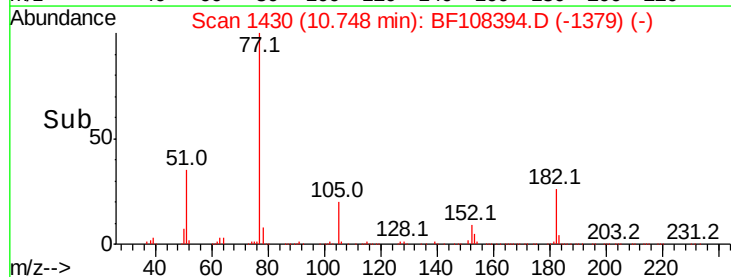
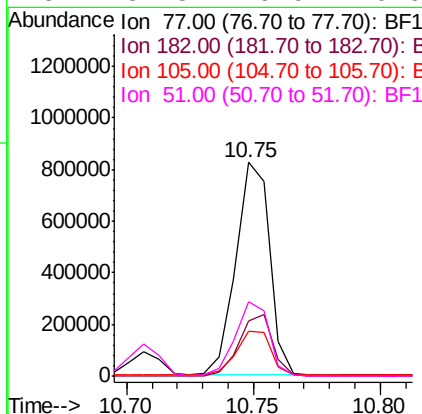
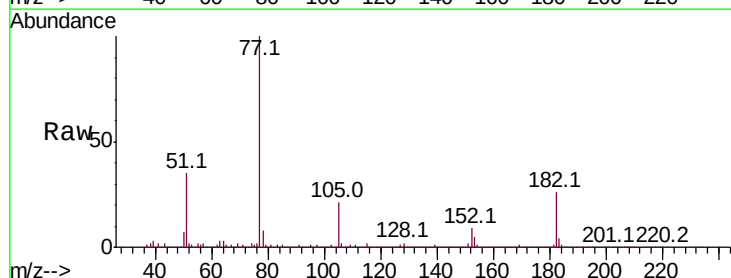
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

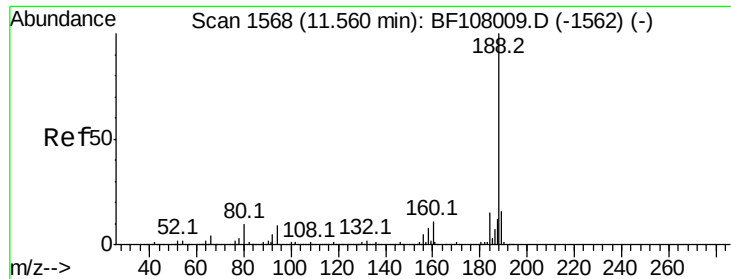
Tot Ion:138 Resp: 176801
Ion Ratio Lower Upper
138 100
92 52.5 30.2 70.2
108 83.2 52.5 92.5



#62
Azobenzene
Concen: 43.835 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion: 77 Resp: 759336
Ion Ratio Lower Upper
77 100
182 25.6 1.7 41.7
105 21.2 3.0 43.0
51 34.8 9.9 49.9

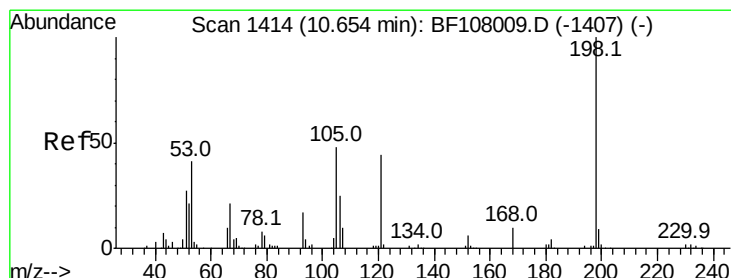
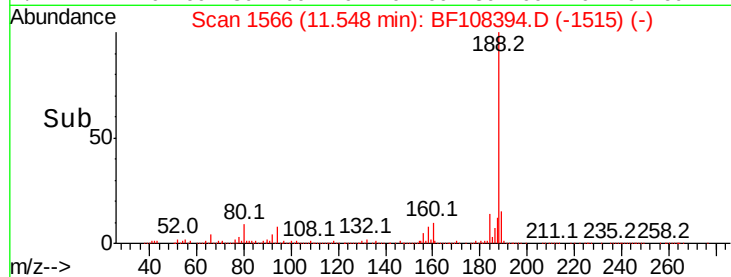
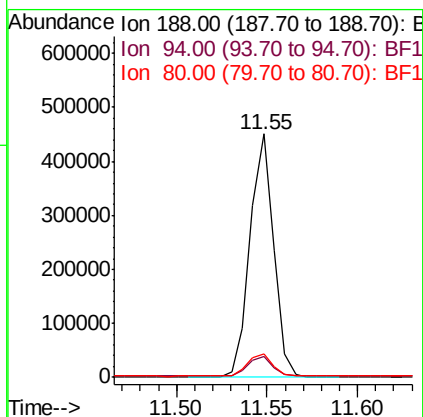
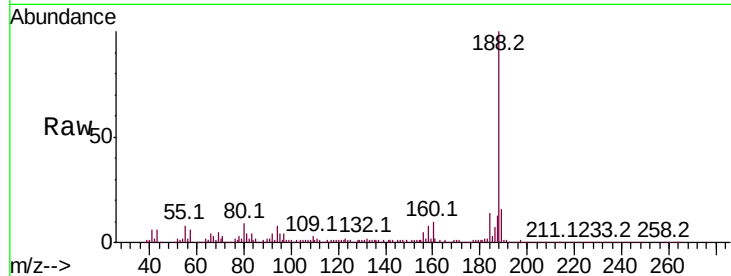




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

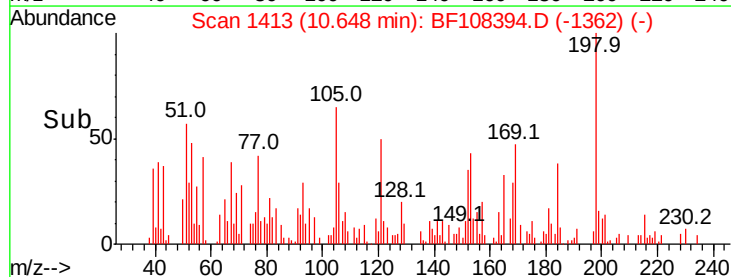
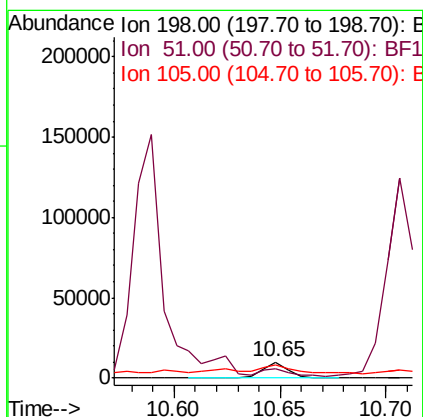
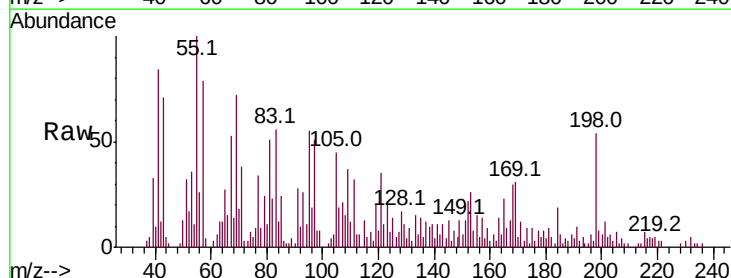
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

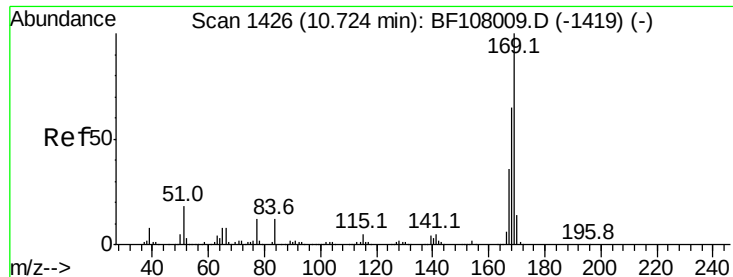
Tot Ion:188 Resp: 406762
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.243 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:198 Resp: 8396
Ion Ratio Lower Upper
198 100
51 59.9 37.7 77.7
105 84.5 36.3 76.3#

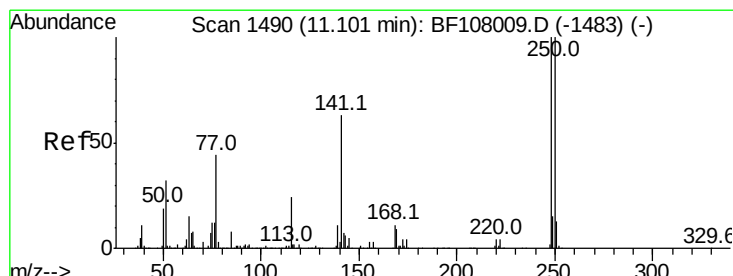
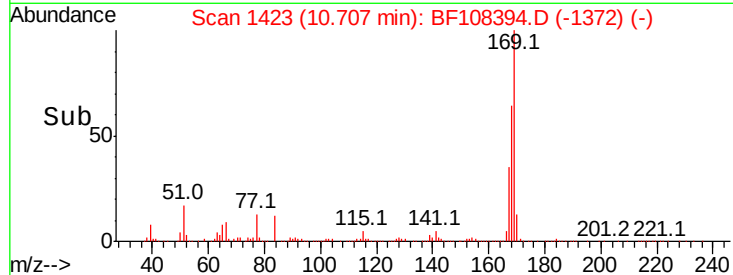
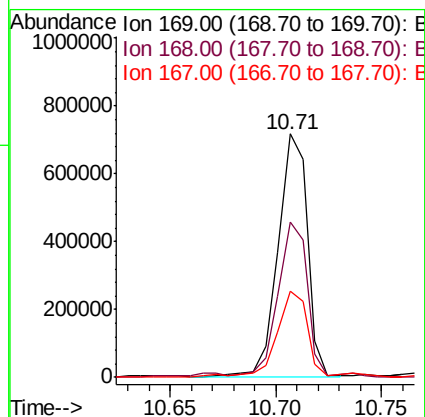
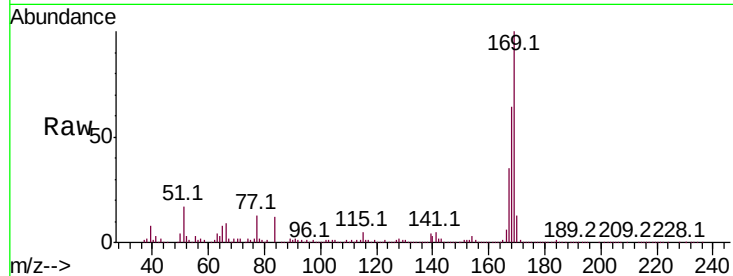




#65
 n-Nitrosodiphenylamine
 Concen: 57.500 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

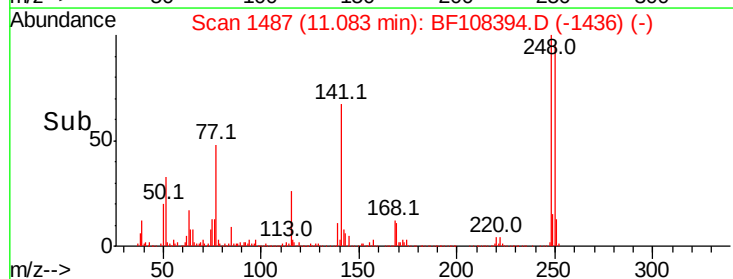
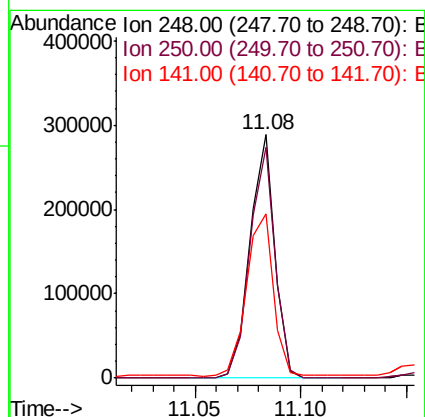
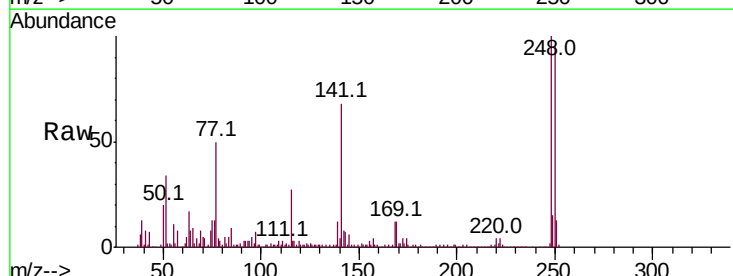
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

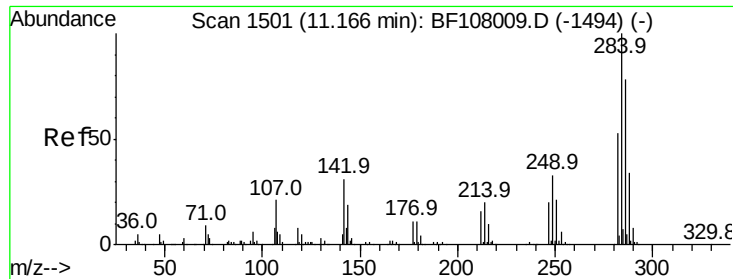
Tot Ion:169 Resp: 691165
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 35.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 53.141 ng
 RT: 11.08 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:248 Resp: 234907
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 67.5 74.4 111.6#

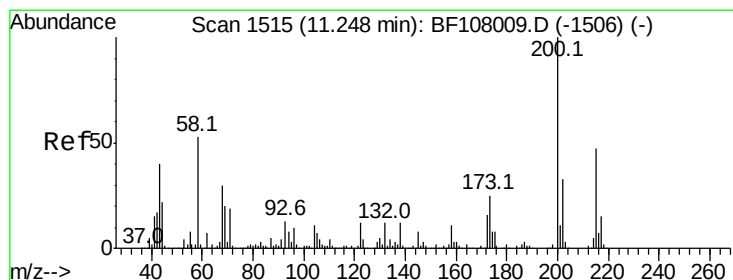
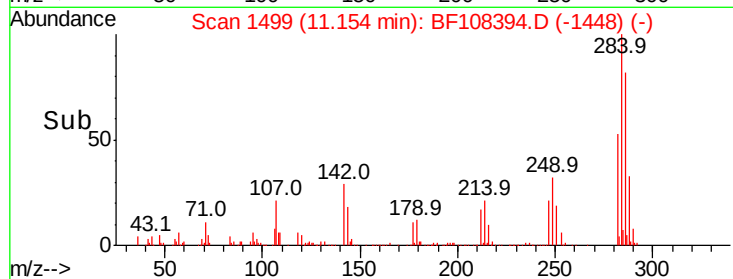
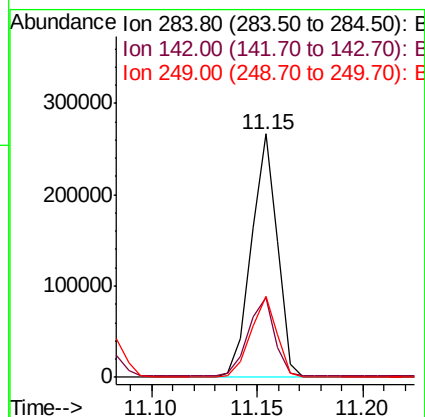
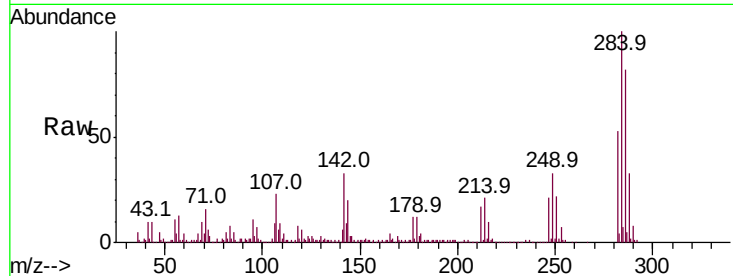




#67
Hexachlorobenzene
Concen: 48.896 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

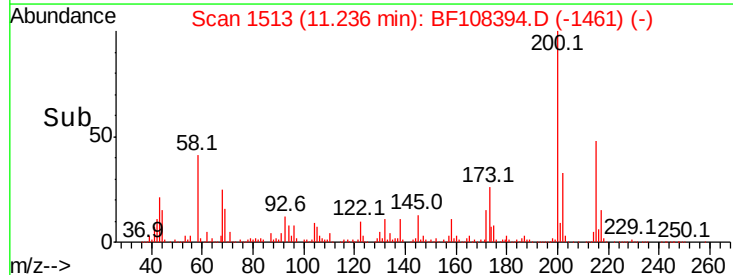
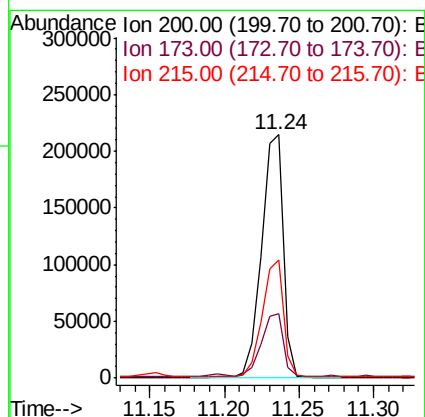
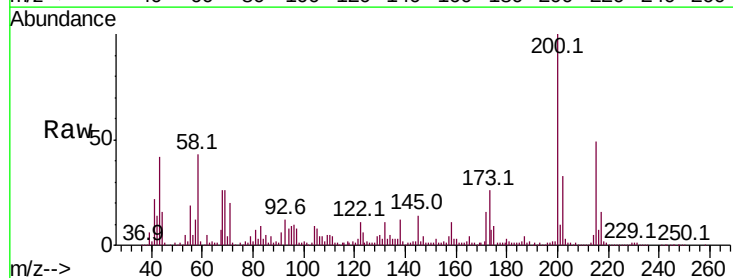
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

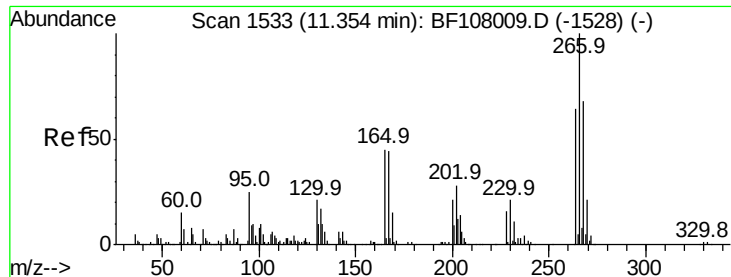
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.0	34.6	52.0#
249	33.1	24.8	37.2



#68
Atrazine
Concen: 52.701 ng
RT: 11.24 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	48.7	25.1	65.1

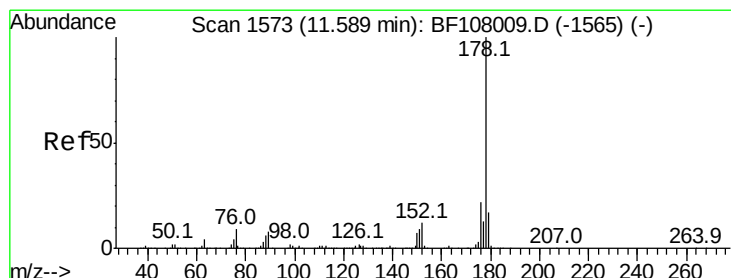
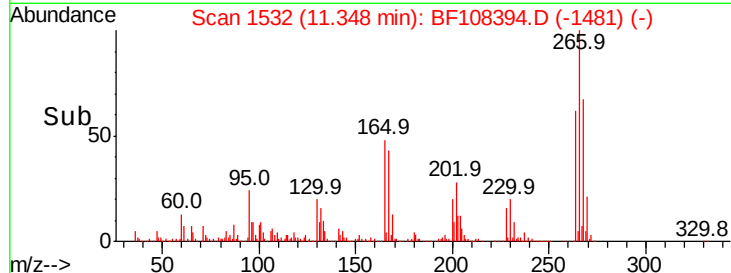
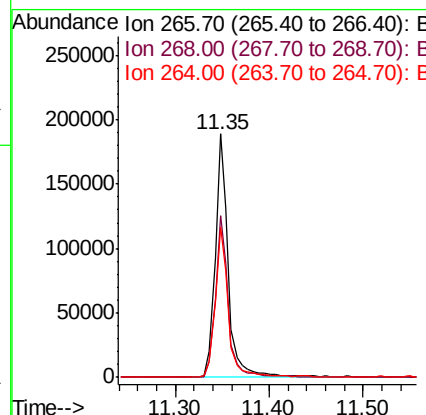
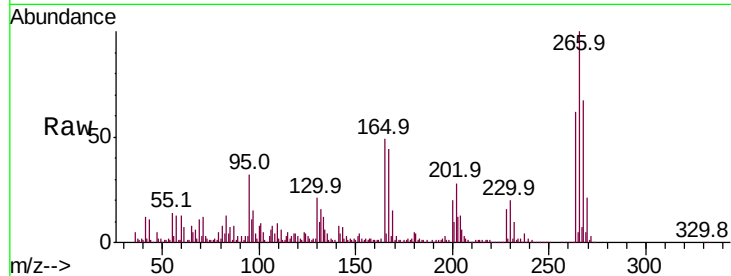




#69
 Pentachlorophenol
 Concen: 84.132 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

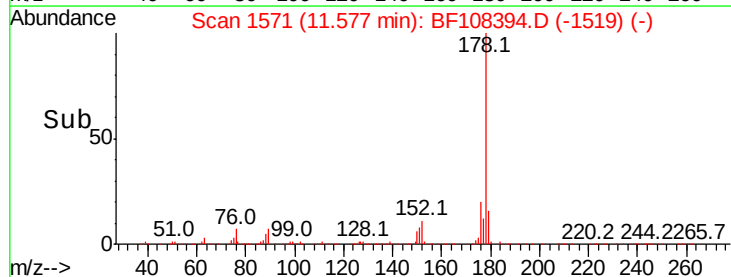
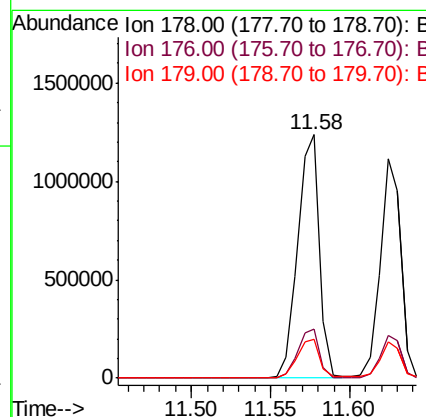
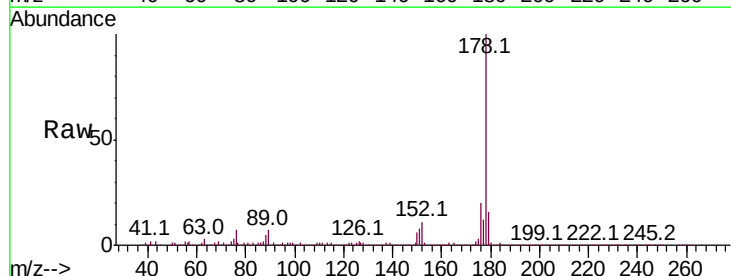
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

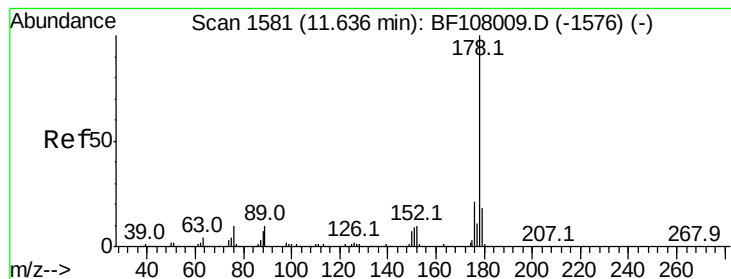
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	61.8	49.5	74.3



#70
 Phenanthrene
 Concen: 60.914 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 51.264 ng

RT: 11.62 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

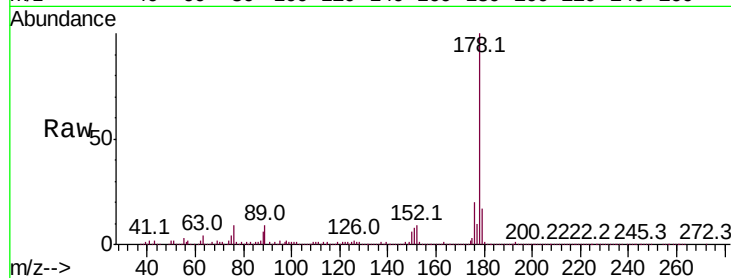
BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

Tot Ion:178 Resp: 1008050

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.5	12.6	19.0

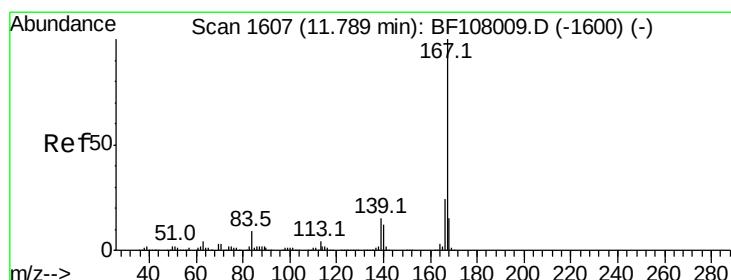
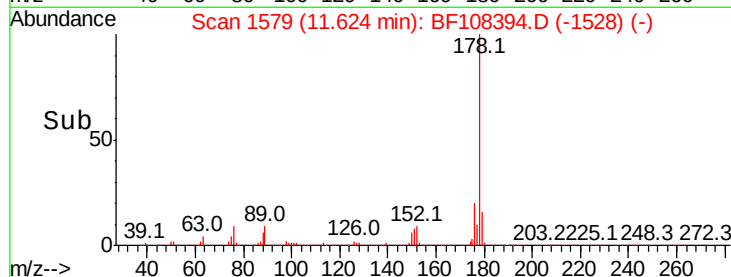
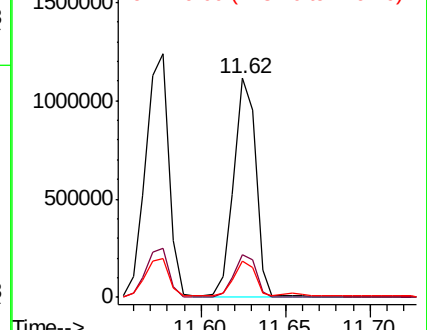


Abundance

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: 47.652 ng

RT: 11.78 min Scan# 1605

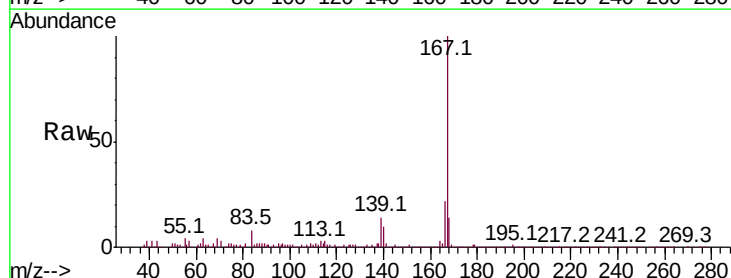
Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Tgt Ion:167 Resp: 832510

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.0	10.9	16.3

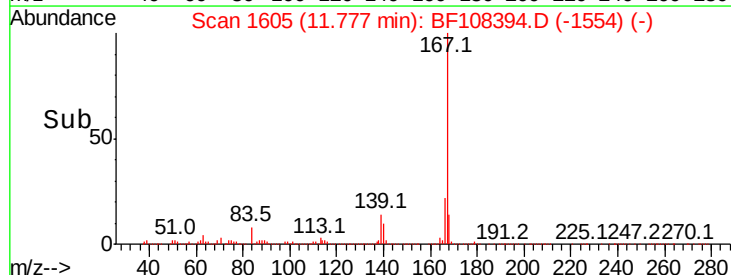
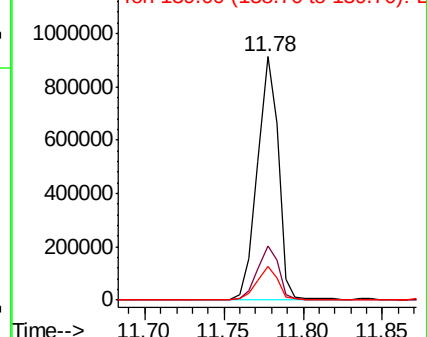


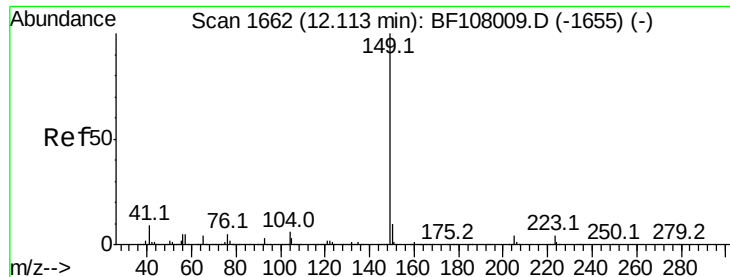
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.479 ng

RT: 12.09 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

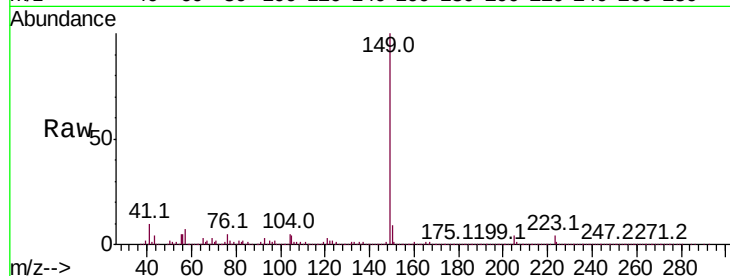
Tot Ion:149 Resp: 1038509

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

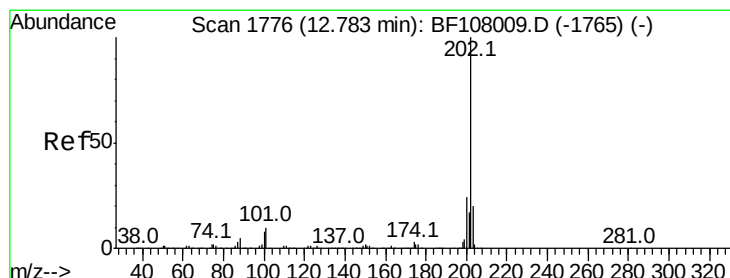
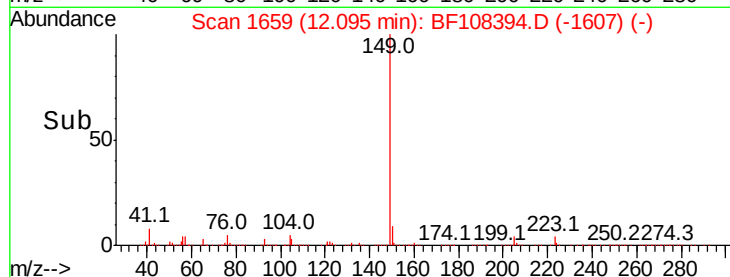
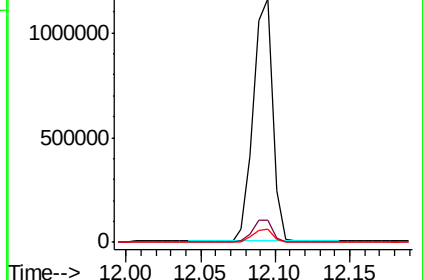
104 5.3 3.8 5.8



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: 57.539 ng

RT: 12.77 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

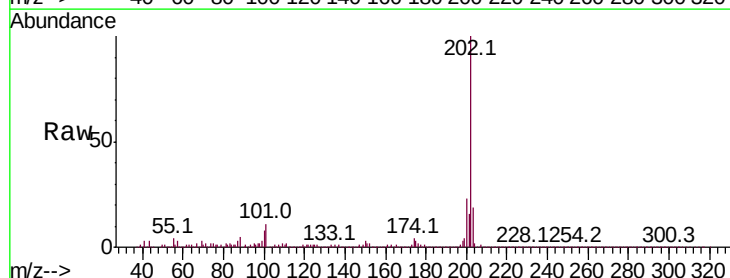
Tgt Ion:202 Resp: 1204793

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

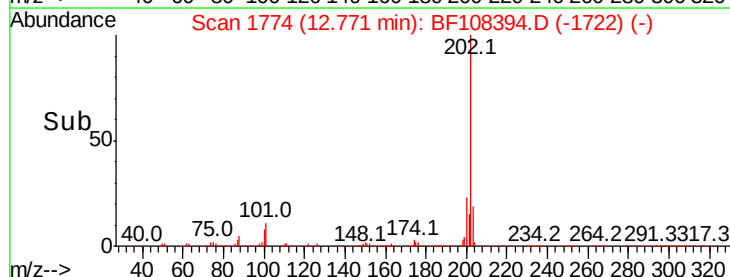
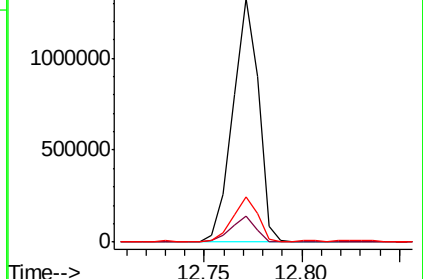
203 18.8 0.0 38.1

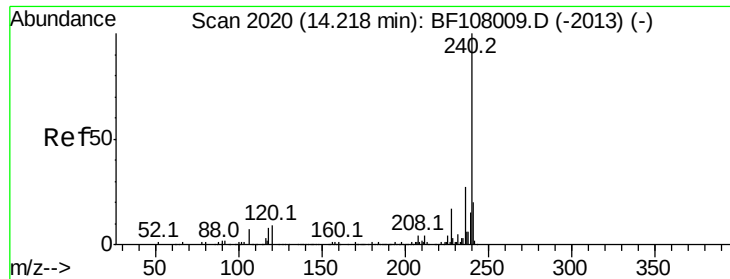


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

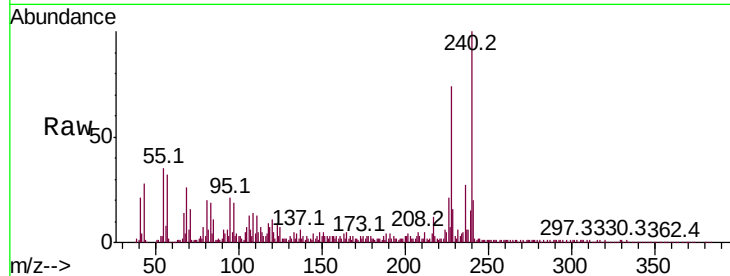
Tot Ion:240 Resp: 243225

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

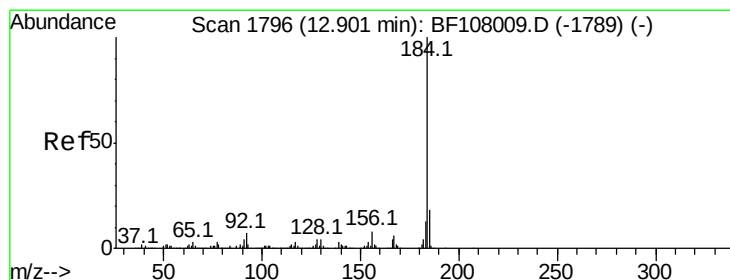
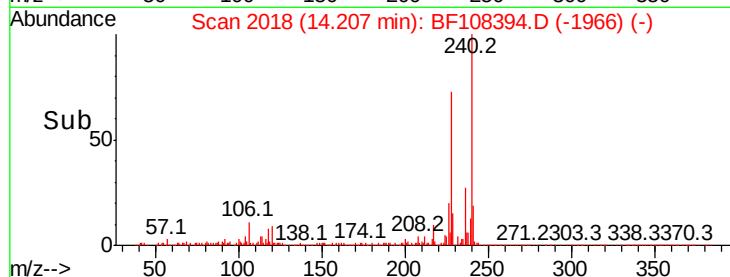
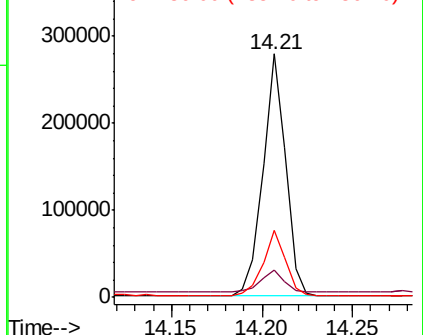
236 27.3 20.7 31.1



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: 6.384 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

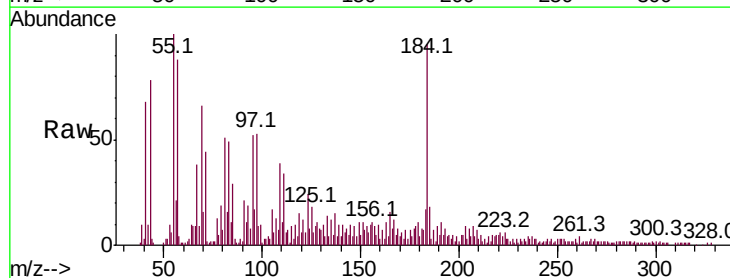
Tgt Ion:184 Resp: 58014

Ion Ratio Lower Upper

184 100

185 18.9 12.6 18.8#

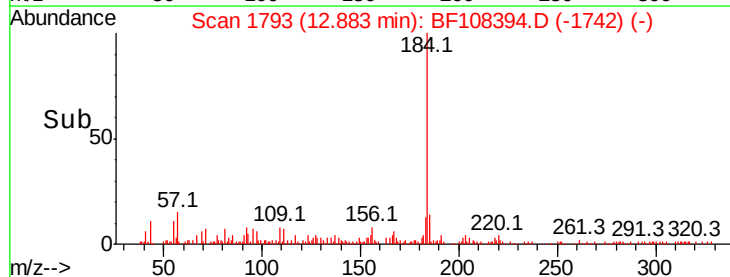
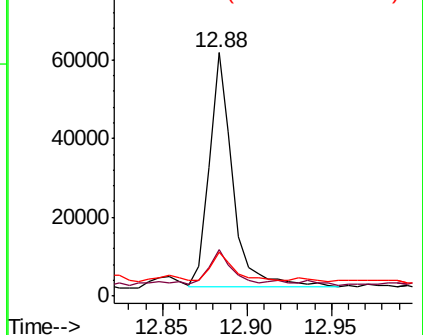
183 17.8 9.3 13.9#

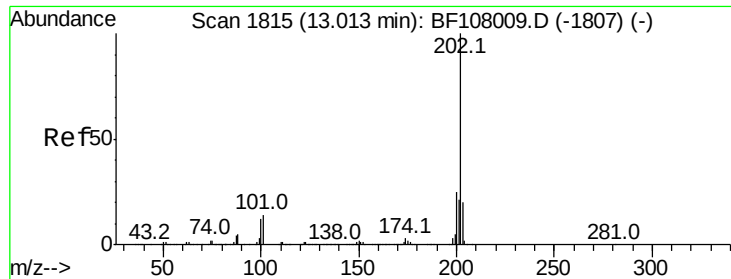


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 73.437 ng

RT: 13.01 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

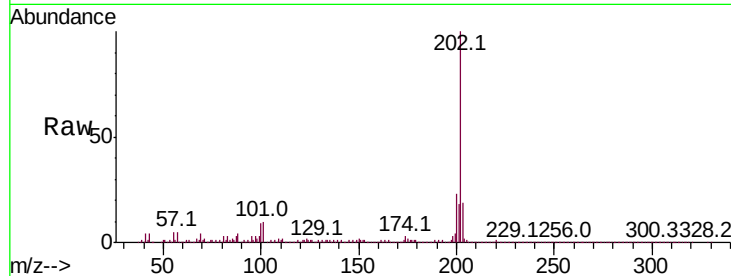
BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

Tot Ion:202 Resp: 1130830

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.5	14.3	21.5

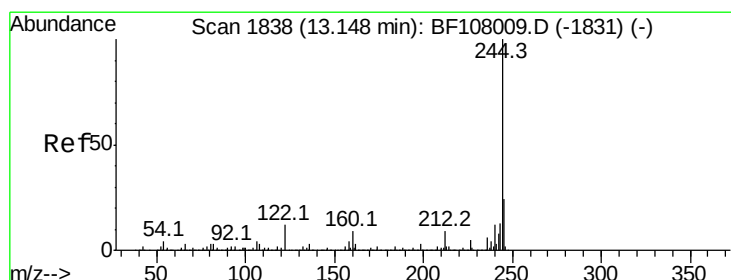
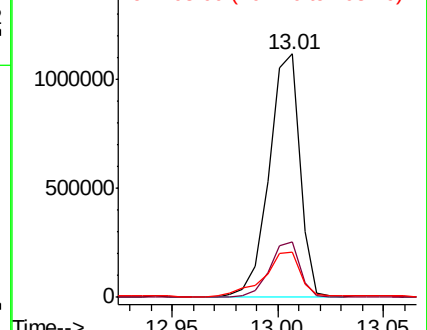
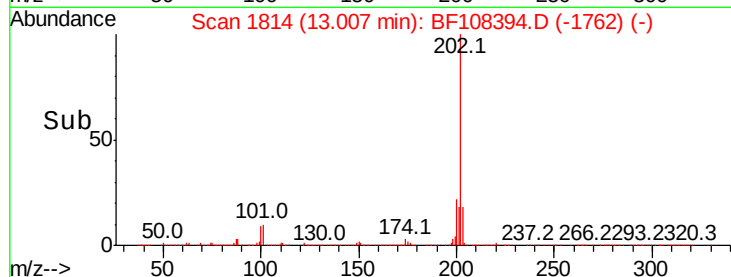


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.698 ng

RT: 13.13 min Scan# 1835

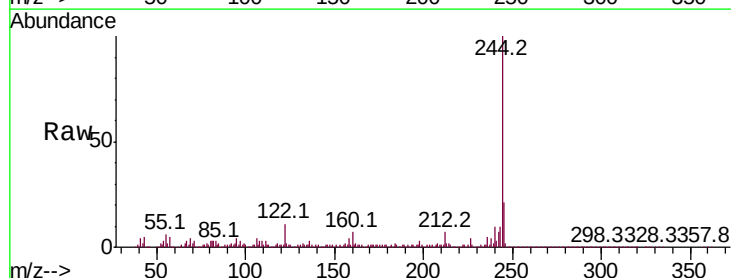
Delta R.T. -0.00 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Tgt Ion:244 Resp: 982422

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.9	11.0	16.4

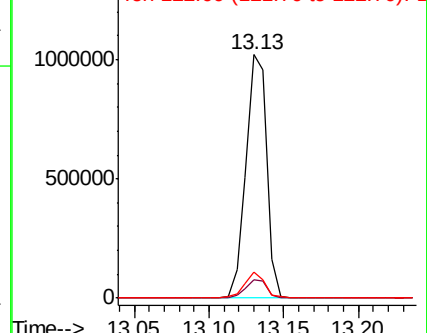
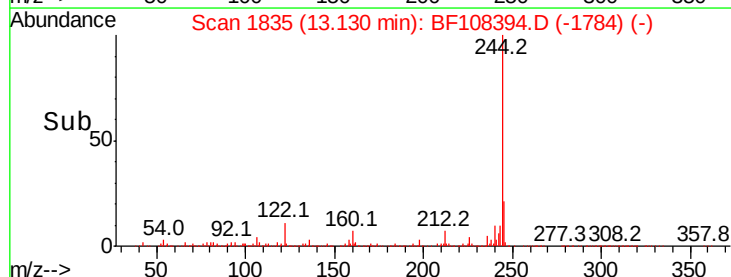


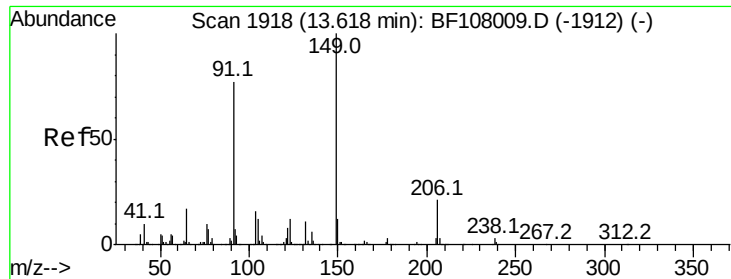
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

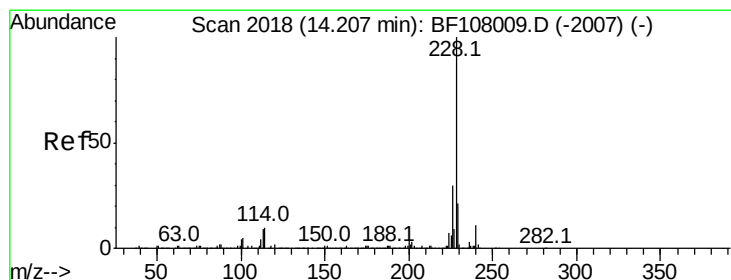
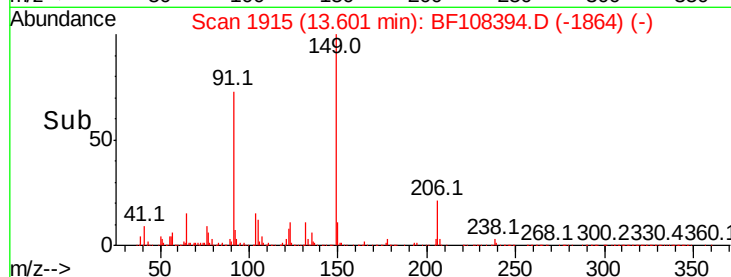
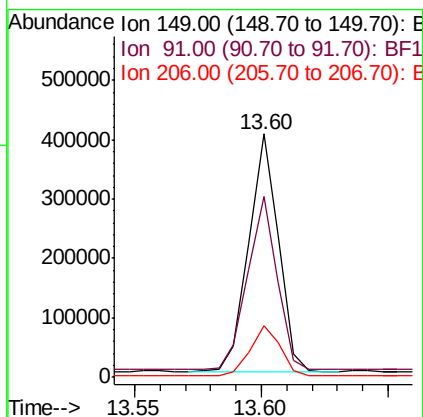
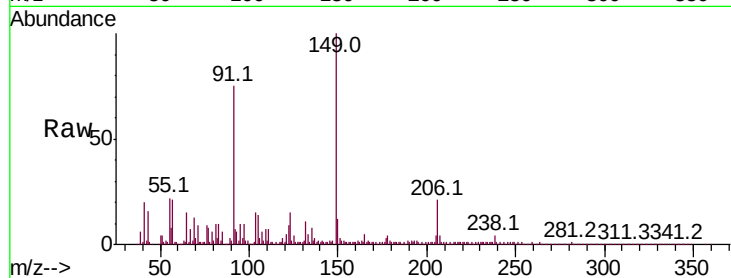




#79
Butylbenzylphthalate
Concen: 53.146 ng
RT: 13.60 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

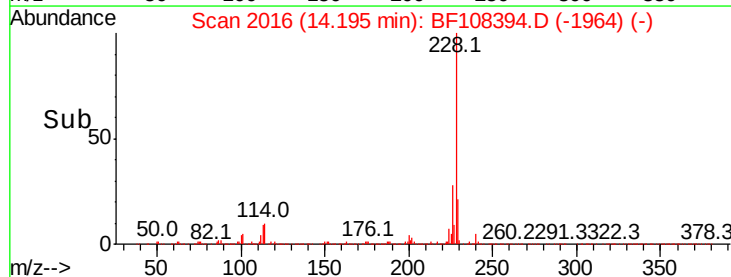
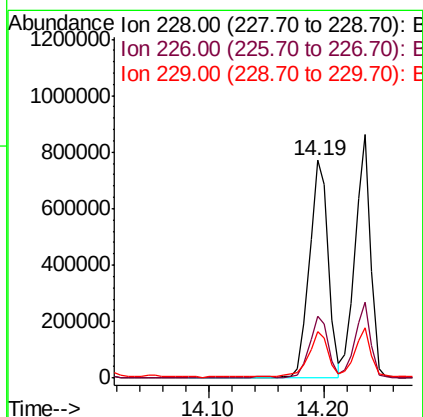
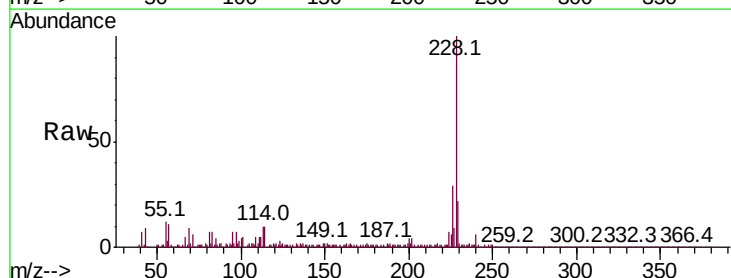
Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

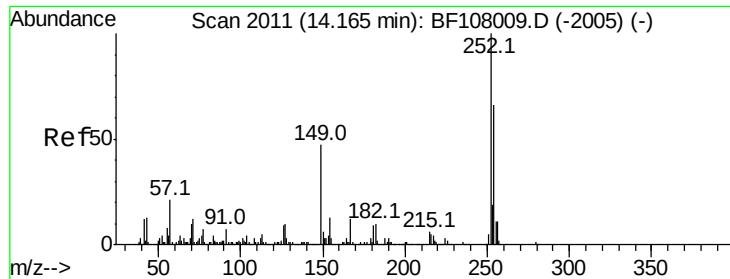
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.8	85.2
206	21.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 61.449 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.6	15.8	23.6

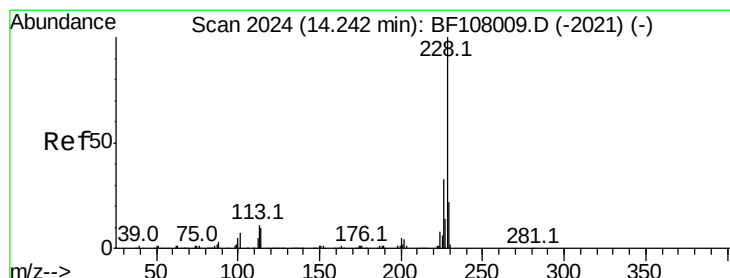
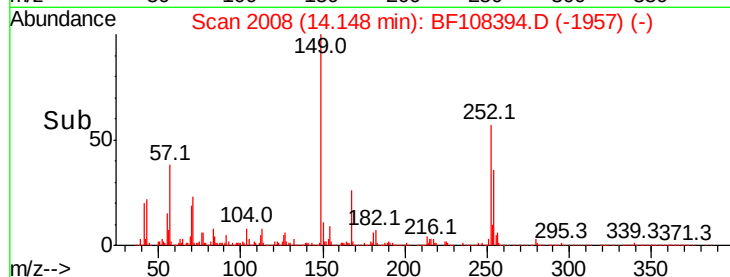
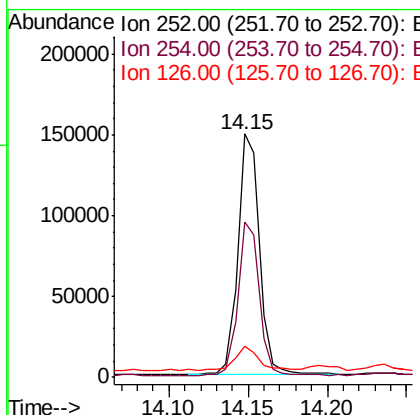
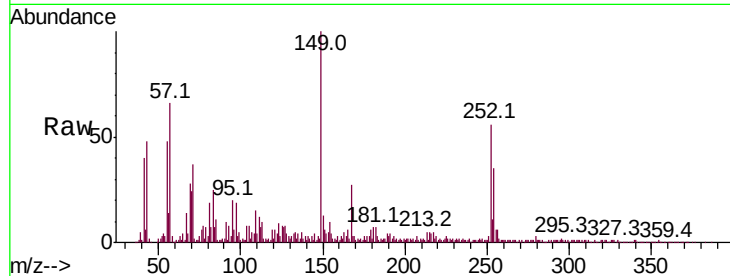




#81
 3,3'-Dichlorobenzidine
 Concen: 28.253 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

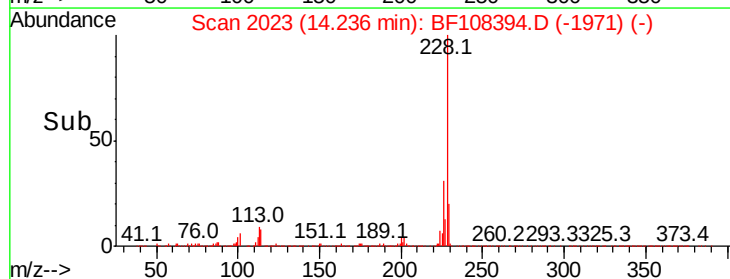
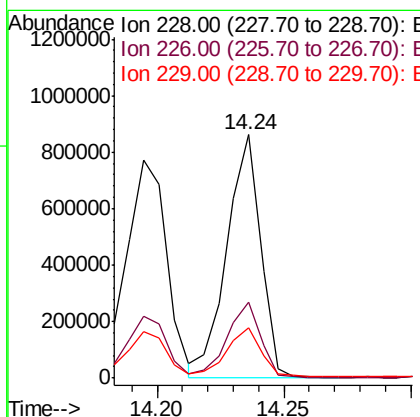
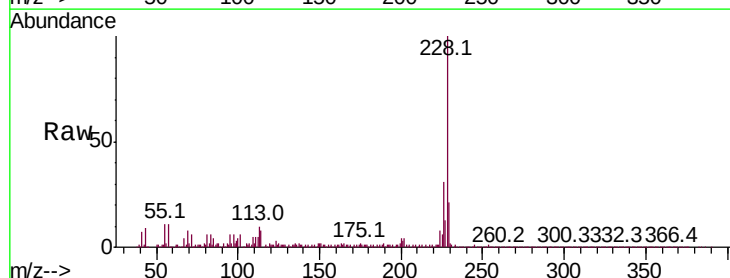
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

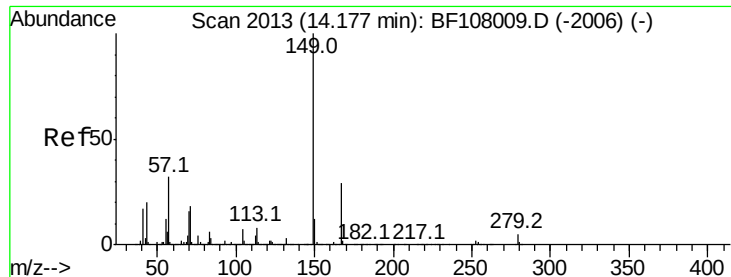
Tot Ion:252 Resp: 141331
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 12.6 11.3 16.9



#82
 Chrysene
 Concen: 61.963 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion:228 Resp: 792945
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.8 16.2 24.4

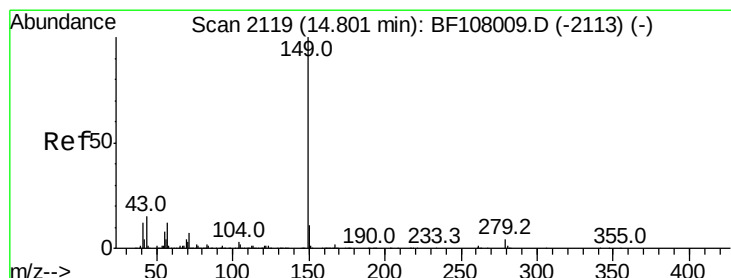
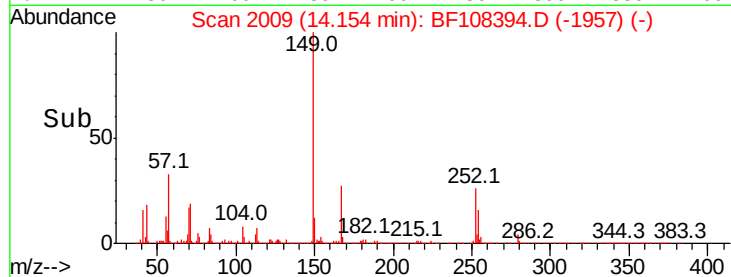
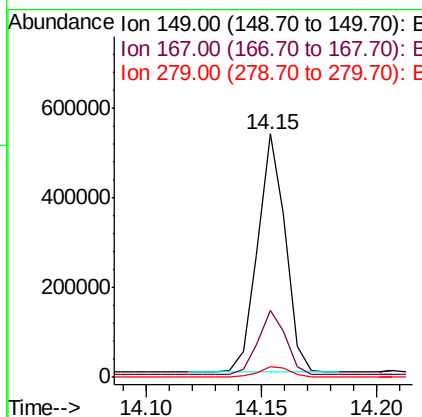
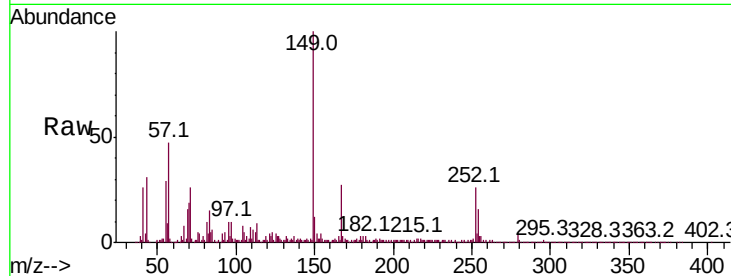




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.253 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

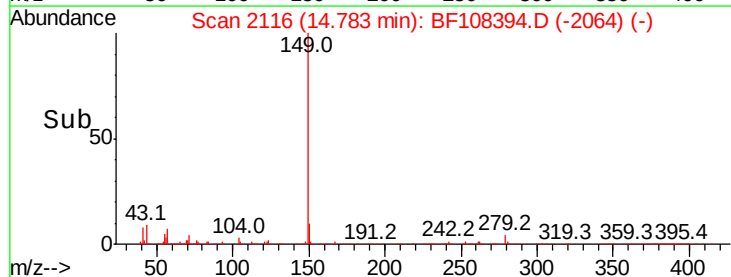
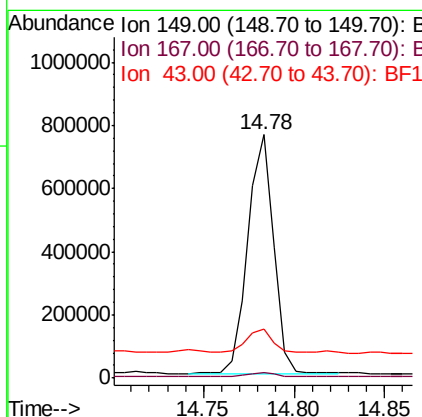
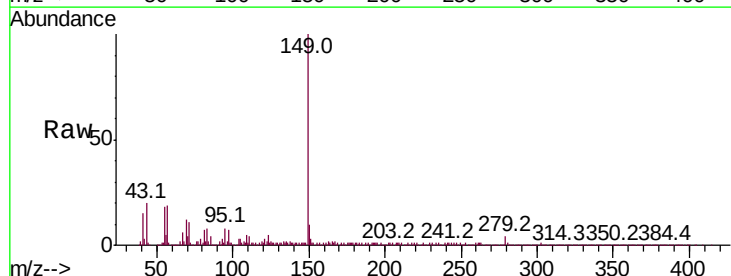
Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MSD

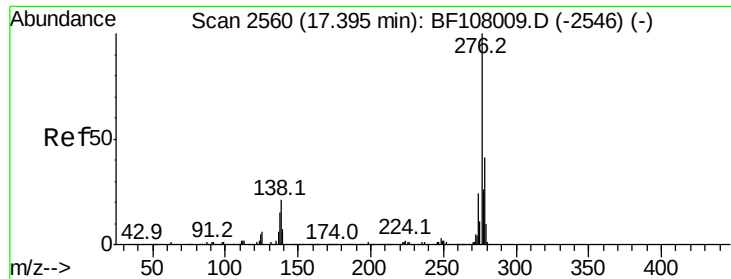
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 58.539 ng
 RT: 14.78 min Scan# 2116
 Delta R.T. 0.01 min
 Lab File: BF108394.D
 Acq: 22 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.528 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.03 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

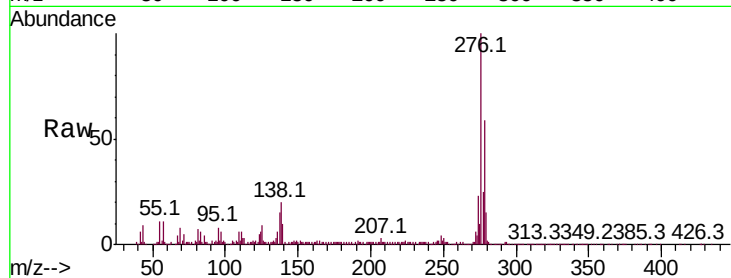
Tot Ion:276 Resp: 693323

Ion Ratio Lower Upper

276 100

138 20.1 25.0 37.6#

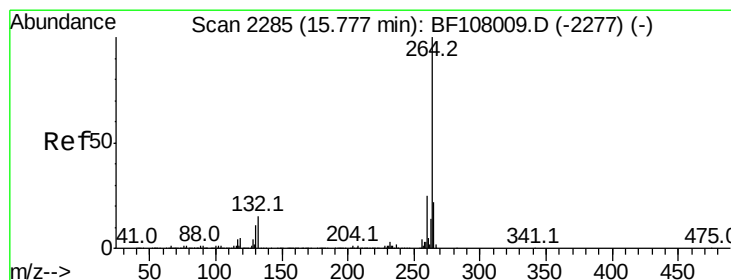
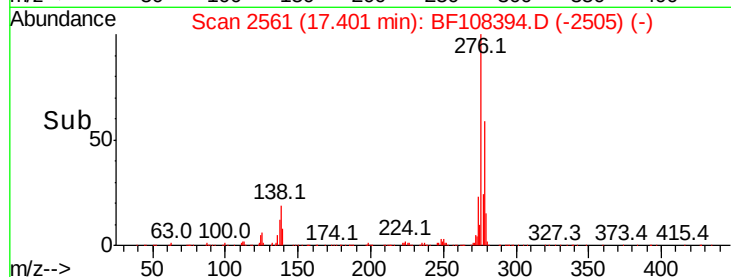
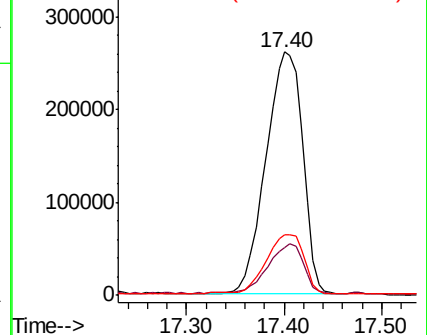
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

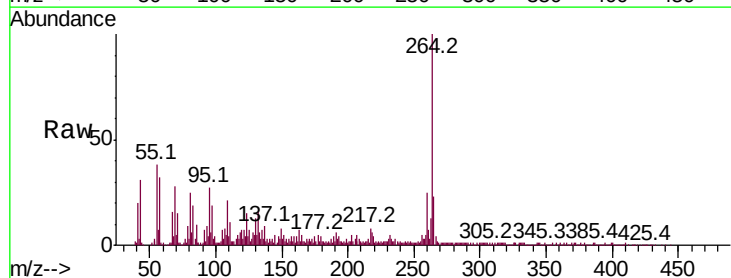
Tgt Ion:264 Resp: 247470

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

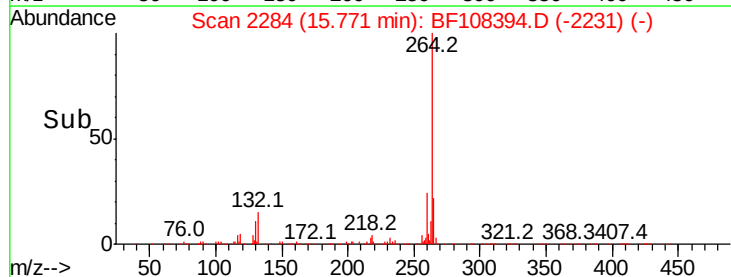
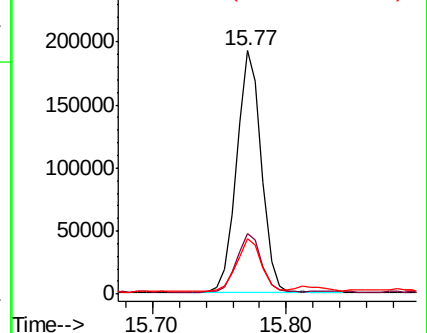
265 22.6 17.5 26.3

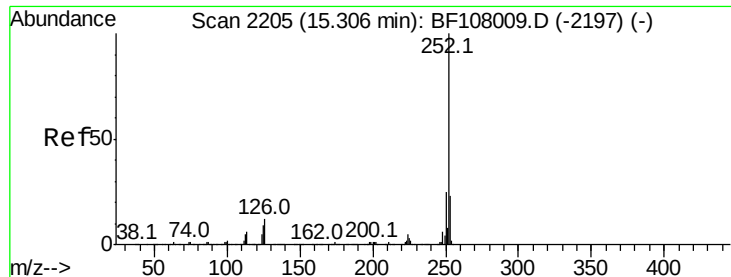


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 62.316 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

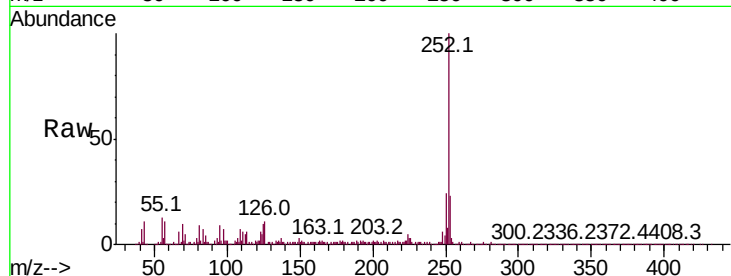
Tot Ion:252 Resp: 921488

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

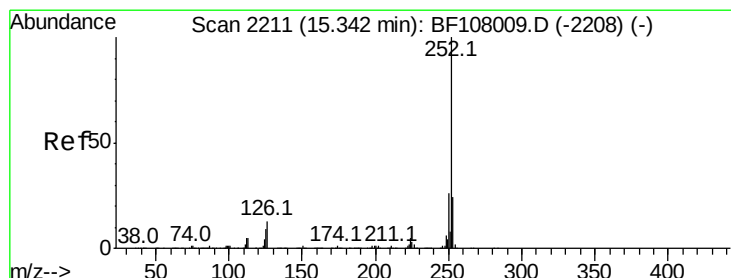
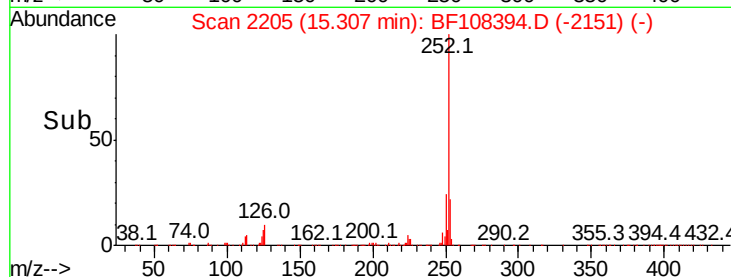
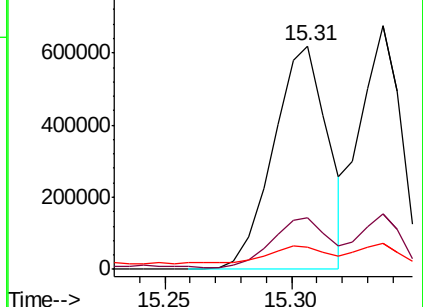
125 10.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.746 ng

RT: 15.34 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

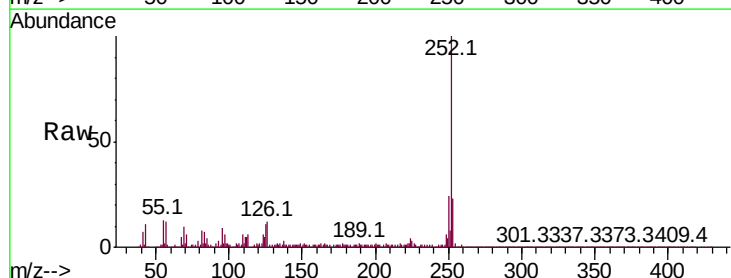
Tgt Ion:252 Resp: 744169

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

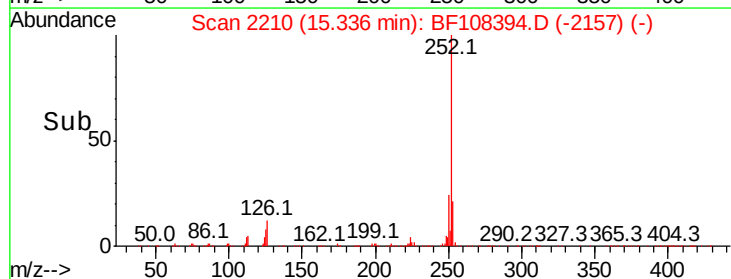
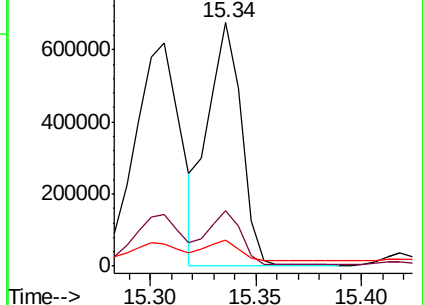
125 10.7 10.2 15.2

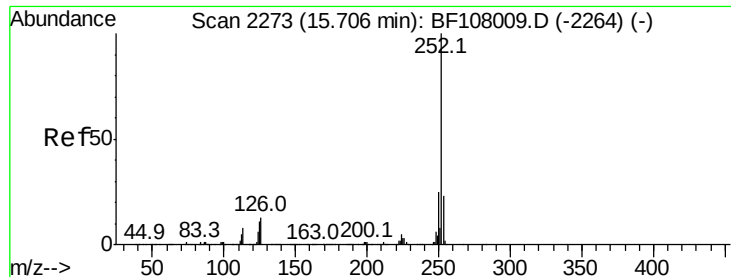


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

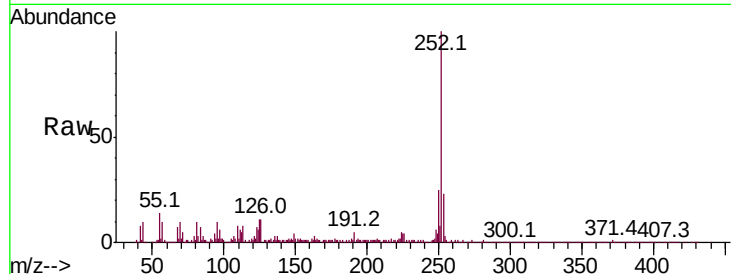




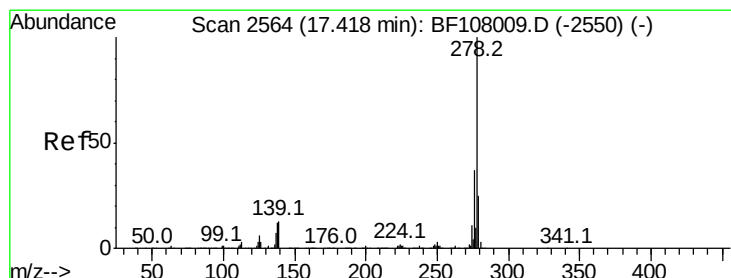
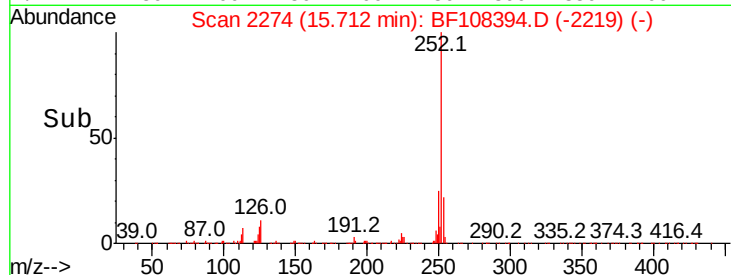
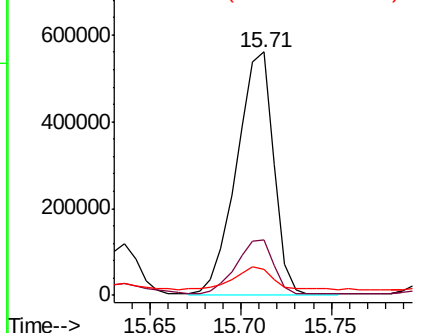
#89
Benzo(a)pyrene
Concen: 59.742 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MSD

Tot Ion:252	Resp:	791080
Ion	Ratio	Lower Upper
252	100	
253	23.0	17.1 25.7
125	10.6	9.8 14.6

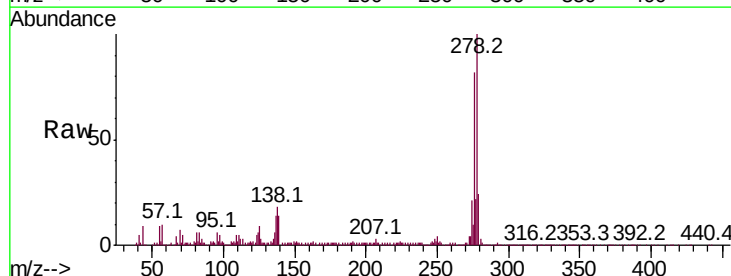


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

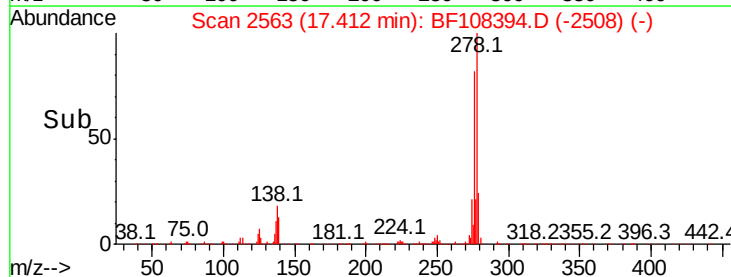
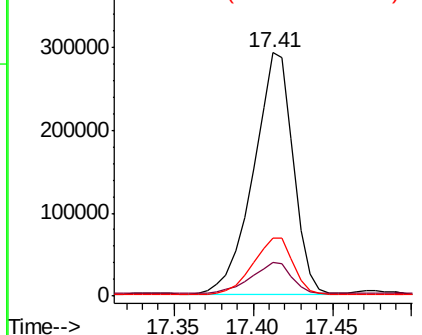


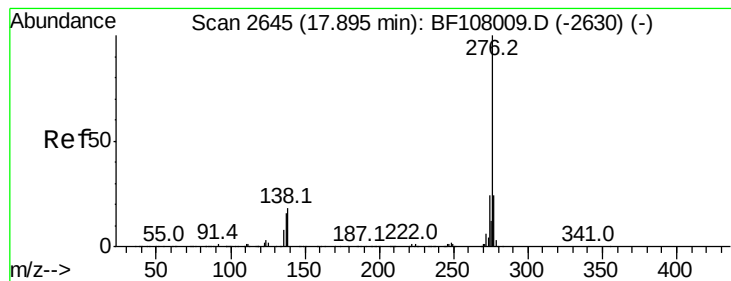
#90
Dibenzo(a,h)anthracene
Concen: 46.377 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108394.D
Acq: 22 Aug 2018 20:17

Tgt Ion:278	Resp:	508115
Ion	Ratio	Lower Upper
278	100	
139	13.8	15.9 23.9#
279	23.9	19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.082 ng

RT: 17.90 min Scan# 2646

Delta R.T. 0.04 min

Lab File: BF108394.D

Acq: 22 Aug 2018 20:17

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MSD

Tot Ion:276 Resp: 561886

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 17.1 21.8 32.8#

