

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108356.D
 Acq On : 21 Aug 2018 23:52
 Operator : JU/SJ
 Sample : J4521-01MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Quant Time: Aug 22 00:46:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	162623	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	617274	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	289083	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	471071	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	361598	20.00	ng	-0.02
86) Perylene-d12	15.75	264	321319	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	85736	9.54	ng	-0.01
7) Phenol-d6	6.61	99	117103	9.81	ng	-0.02
23) Nitrobenzene-d5	7.56	82	72282	6.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	22476	7.79	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	143523	7.97	ng	-0.02
78) Terphenyl-d14	13.12	244	104185	7.33	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	12216	2.647	ng	98
3) Pyridine	3.70	79	28144	2.367	ng	# 82
4) n-Nitrosodimethylamine	3.63	42	16849	2.518	ng	# 77
8) 2-Chlorophenol	6.78	128	32796	3.242	ng	94
10) Phenol	6.63	94	38872	3.148	ng	95
11) bis(2-Chloroethyl)ether	6.73	93	31345	3.140	ng	97
12) 1,3-Dichlorobenzene	6.94	146	35951	3.073	ng	97
13) 1,4-Dichlorobenzene	7.02	146	35780	3.044	ng	98
14) 1,2-Dichlorobenzene	7.17	146	35140	3.214	ng	99
15) Benzyl Alcohol	7.14	79	28392	2.825	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	60566	2.945	ng	98
17) 2-Methylphenol	7.24	107	27359	3.154	ng	95
18) Hexachloroethane	7.51	117	10316	2.465	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	24062	2.981	ng	90
20) 3+4-Methylphenols	7.39	107	34476	3.101	ng	90
22) Acetophenone	7.40	105	48133	3.335	ng	# 90
24) Nitrobenzene	7.58	77	34676	3.100	ng	95
25) Isophorone	7.81	82	63948	3.033	ng	95
26) 2-Nitrophenol	7.90	139	12368	2.928	ng	98
27) 2,4-Dimethylphenol	7.92	122	28773	3.075	ng	100
28) bis(2-Chloroethoxy)methane	8.02	93	38488	3.127	ng	99
29) 2,4-Dichlorophenol	8.14	162	26096	3.030	ng	100
30) 1,2,4-Trichlorobenzene	8.22	180	29893	3.148	ng	97
31) Naphthalene	8.31	128	104422	3.720	ng	98
32) Benzoic acid	7.92	122	28773	10.613	ng	# 15
34) Hexachlorobutadiene	8.42	225	19542	3.251	ng	98
35) Caprolactam	8.68	113	7297	2.704	ng	# 85
36) 4-Chloro-3-methylphenol	8.82	107	26809	2.886	ng	99
37) 2-Methylnaphthalene	9.00	142	68948	3.471	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	31760	3.578	ng	# 96
42) 2,4,6-Trichlorophenol	9.28	196	18365	3.334	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	18726	3.088	ng	94
45) 1,1'-Biphenyl	9.46	154	79072	3.710	ng	97
46) 2-Chloronaphthalene	9.49	162	57385	3.406	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.58	65	18087	3.318	ng	83
48) Acenaphthylene	9.91	152	89292	3.353	ng	99
49) Dimethylphthalate	9.75	163	83220	4.133	ng	98
50) 2,6-Dinitrotoluene	9.82	165	12086	2.869	ng	# 83
51) Acenaphthene	10.08	154	60190	3.690	ng	98
52) 3-Nitroaniline	10.00	138	11916	2.585	ng	88
54) Dibenzofuran	10.25	168	90732	3.839	ng	98
55) 4-Nitrophenol	10.15	139	13385	3.835	ng	90
56) 2,4-Dinitrotoluene	10.22	165	13784	2.542	ng	# 89
57) Fluorene	10.60	166	77432	4.139	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	12211	2.409	ng	# 84
59) Diethylphthalate	10.45	149	65951	3.382	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	30488	3.128	ng	93
61) 4-Nitroaniline	10.60	138	12643	2.774	ng	91
62) Azobenzene	10.74	77	59366	2.948	ng	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	642	5.681	ng	# 23
65) n-Nitrosodiphenylamine	10.70	169	55012	3.952	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	18206	3.556	ng	# 86
67) Hexachlorobenzene	11.15	284	17938	3.330	ng	# 85
68) Atrazine	11.22	200	16901	3.620	ng	96
69) Pentachlorophenol	11.34	266	7115	2.760	ng	93
70) Phenanthrene	11.57	178	196563	8.847	ng	99
71) Anthracene	11.62	178	119279	5.238	ng	98
72) Carbazole	11.77	167	70405	3.480	ng	96
73) Di-n-butylphthalate	12.09	149	91877	4.009	ng	99
74) Fluoranthene	12.77	202	202707	8.359	ng	93
76) Benzidine	12.88	184	27107	2.006	ng	98
77) Pyrene	13.00	202	183859	8.031	ng	99
79) Butylbenzylphthalate	13.59	149	28622	3.149	ng	97
80) Benzo(a)anthracene	14.18	228	121155	5.838	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	18923	2.544	ng	95
82) Chrysene	14.22	228	107338	5.642	ng	97
83) Bis(2-ethylhexyl)phthalate	14.15	149	43762	3.555	ng	98
84) Di-n-octyl phthalate	14.77	149	72414	3.857	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.35	276	60941	3.697	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	119509	6.224	ng	98
88) Benzo(k)fluoranthene	15.31	252	70554	3.997	ng	# 97
89) Benzo(a)pyrene	15.68	252	91046	5.295	ng	96
90) Dibenzo(a,h)anthracene	17.37	278	43305	3.044	ng	96
91) Benzo(g,h,i)perylene	17.85	276	49603	3.541	ng	# 90

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

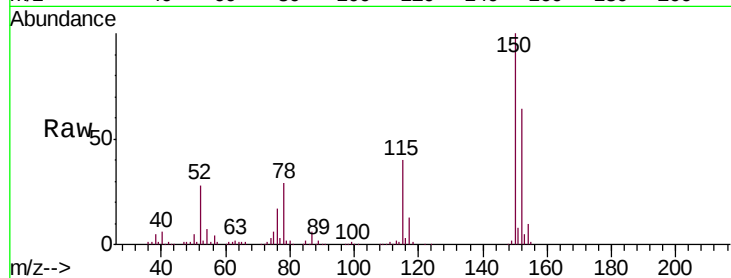


#1

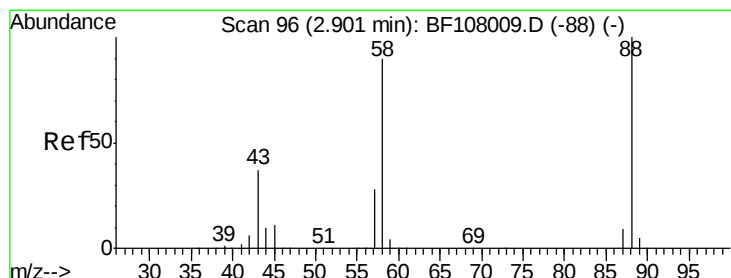
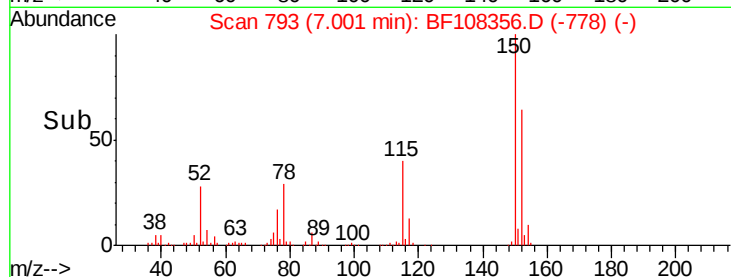
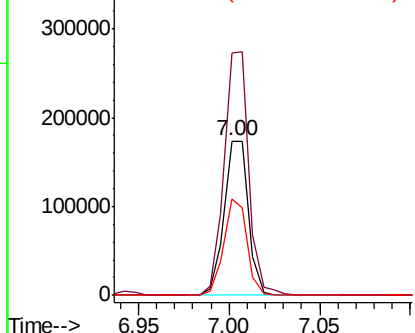
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:152 Resp: 162623
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.6 50.1 75.1



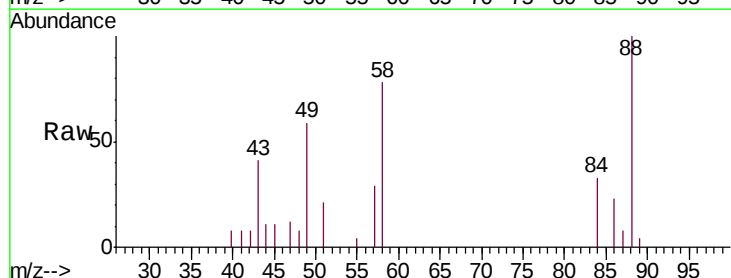
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



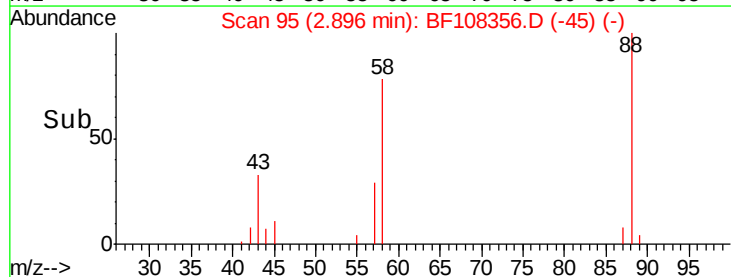
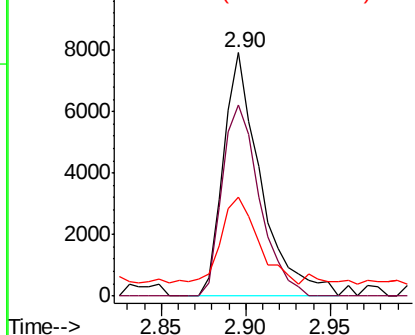
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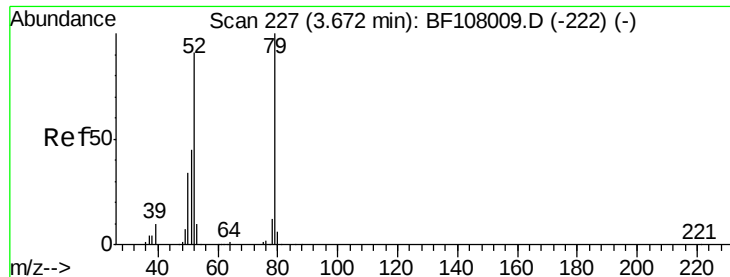
1,4-Dioxane
Concen: 2.647 ng
RT: 2.90 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 88 Resp: 12216
Ion Ratio Lower Upper
88 100
58 78.5 62.6 93.8
43 34.7 24.6 37.0



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





#3

Pyridine

Concen: 2.367 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

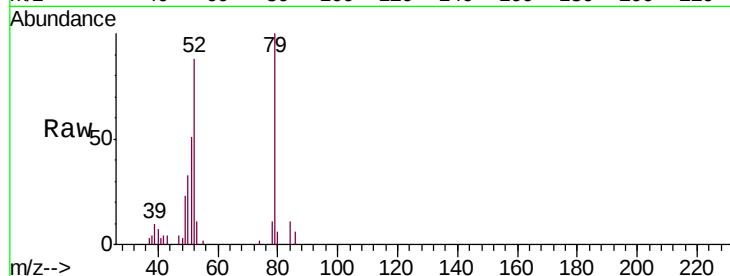
Tgt Ion: 79 Resp: 28144

Ion Ratio Lower Upper

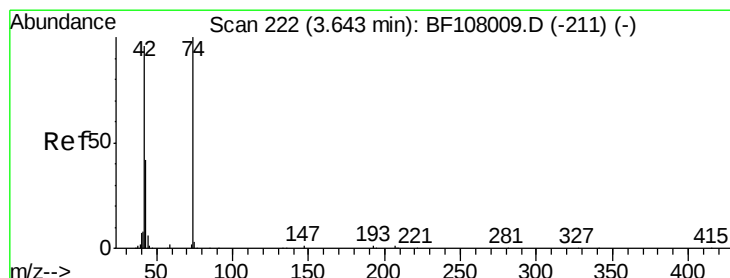
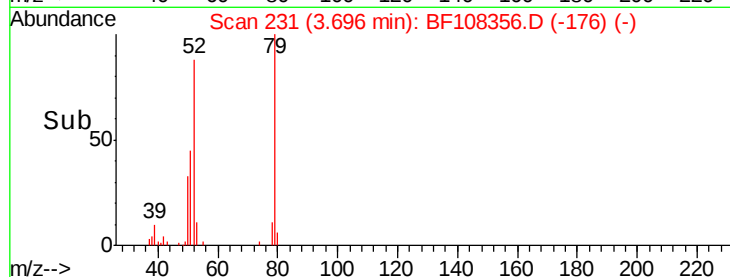
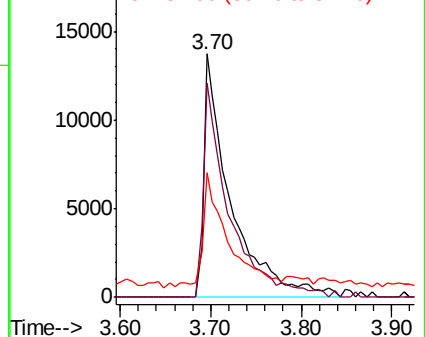
79 100

52 87.9 59.8 89.6

51 51.3 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: 2.518 ng

RT: 3.63 min Scan# 219

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

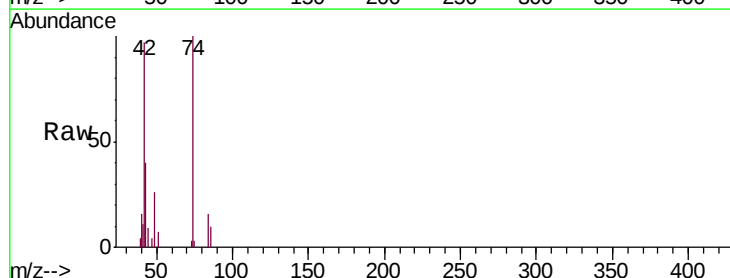
Tgt Ion: 42 Resp: 16849

Ion Ratio Lower Upper

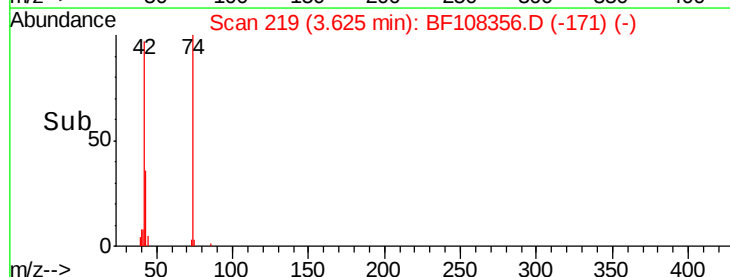
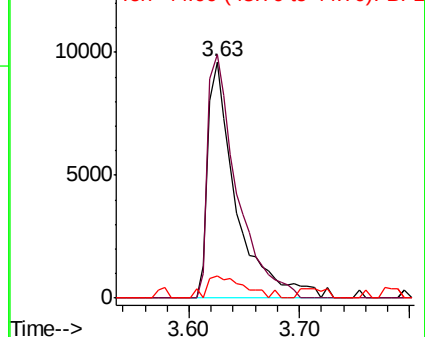
42 100

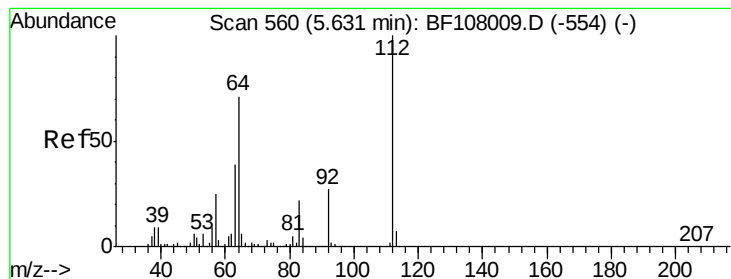
74 103.0 104.9 157.3#

44 9.2 6.9 10.3



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

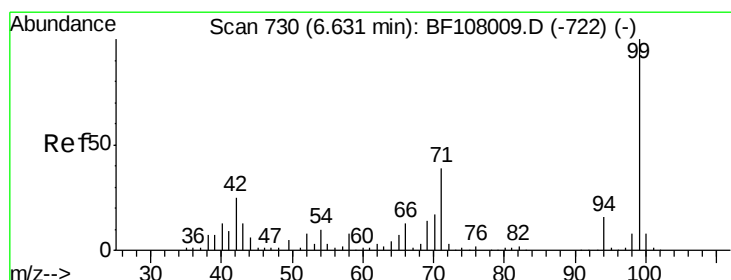
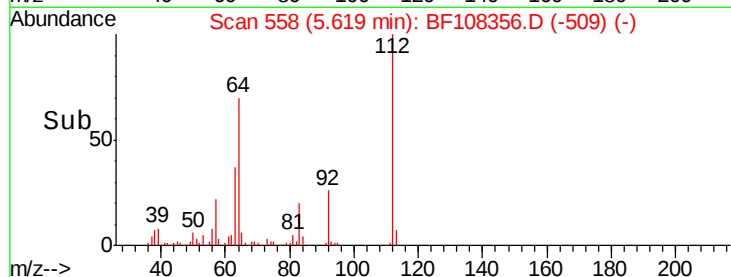
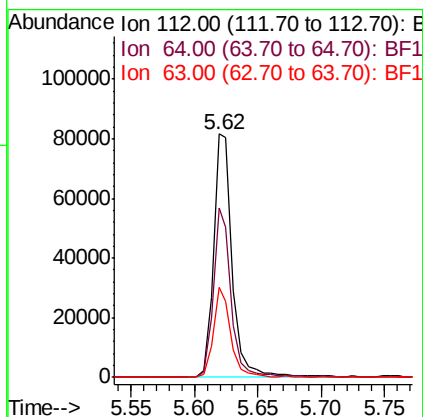
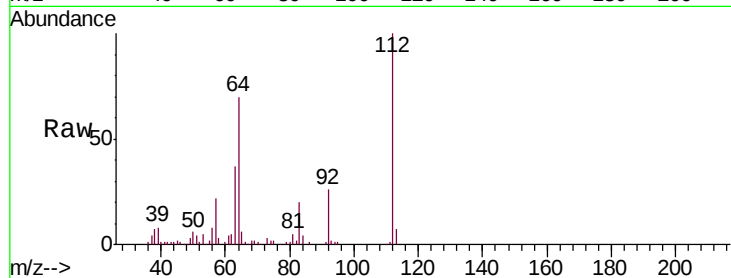




#5
 2-Fluorophenol
 Concen: 9.545 ng
 RT: 5.62 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

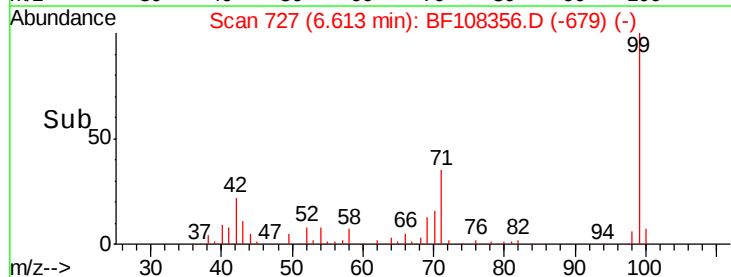
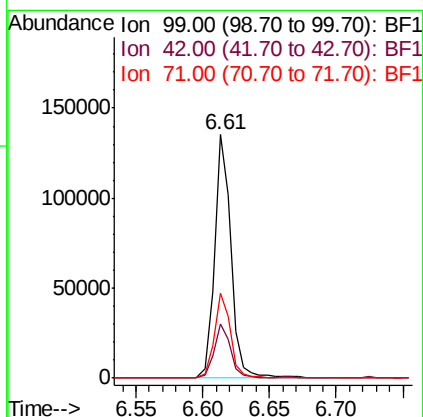
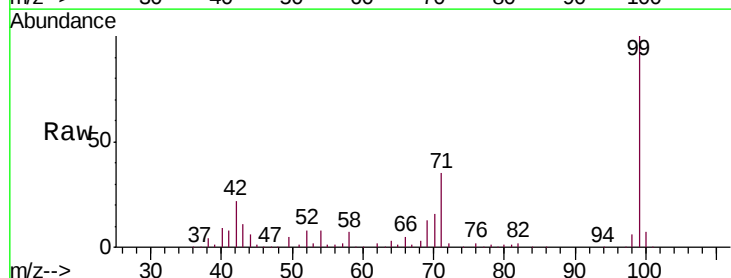
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

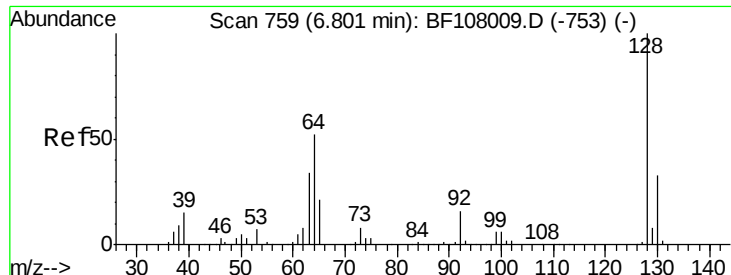
Tgt Ion: 112 Resp: 85736
 Ion Ratio Lower Upper
 112 100
 64 69.7 47.9 71.9
 63 37.1 23.7 35.5#



#7
 Phenol-d6
 Concen: 9.811 ng
 RT: 6.61 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion: 99 Resp: 117103
 Ion Ratio Lower Upper
 99 100
 42 22.2 14.5 21.7#
 71 35.0 25.4 38.0





#8

2-Chlorophenol

Concen: 3.242 ng

RT: 6.78 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

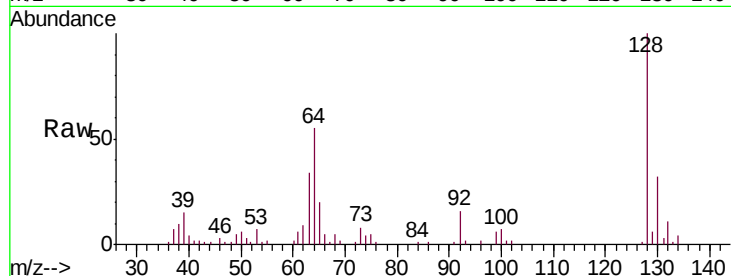
Tgt Ion:128 Resp: 32796

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

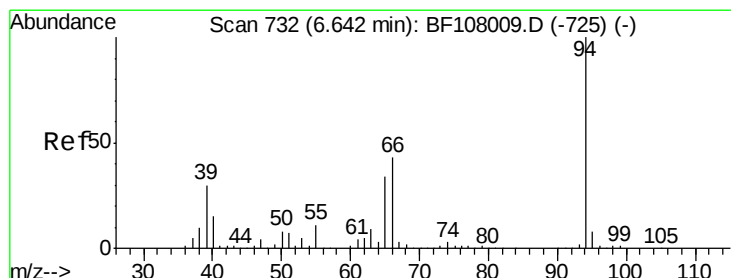
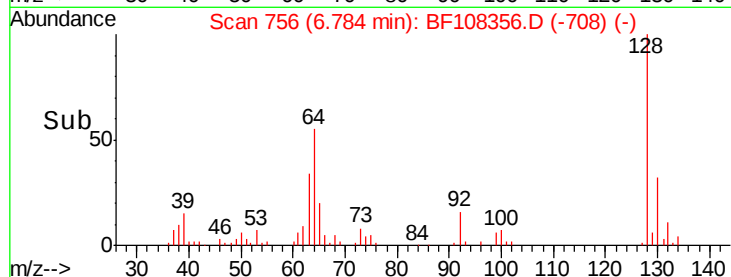
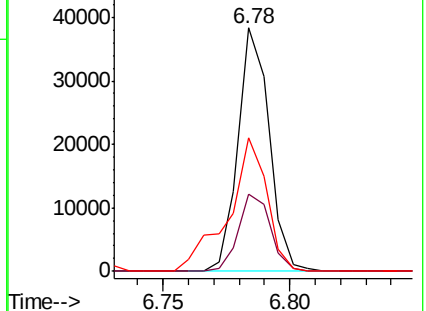
64 54.9 29.4 69.4



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



#10

Phenol

Concen: 3.148 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

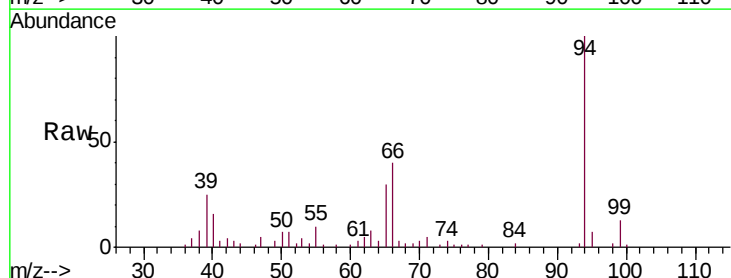
Tgt Ion: 94 Resp: 38872

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

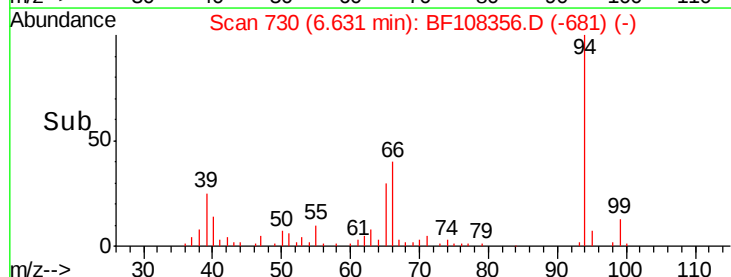
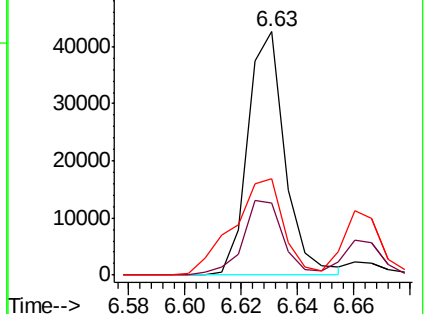
66 39.8 16.2 56.2

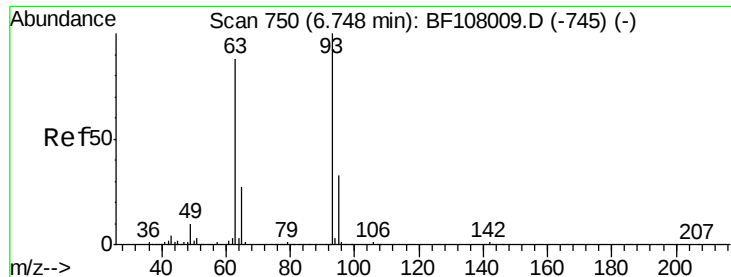


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 3.140 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF108356.D

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RT2286MSD

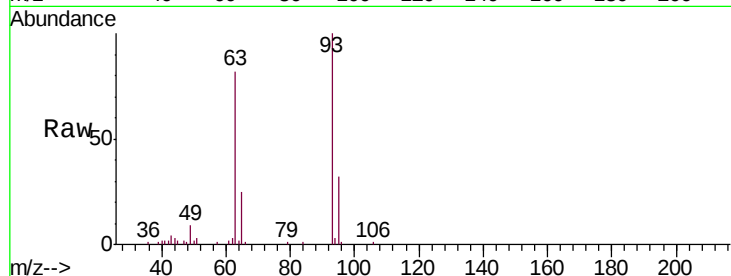
Tgt Ion: 93 Resp: 31345

Ion Ratio Lower Upper

93 100

63 82.2 58.6 98.6

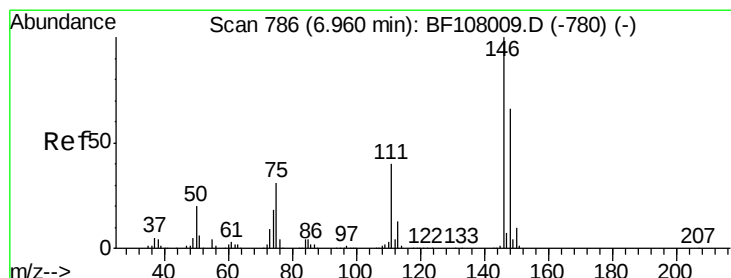
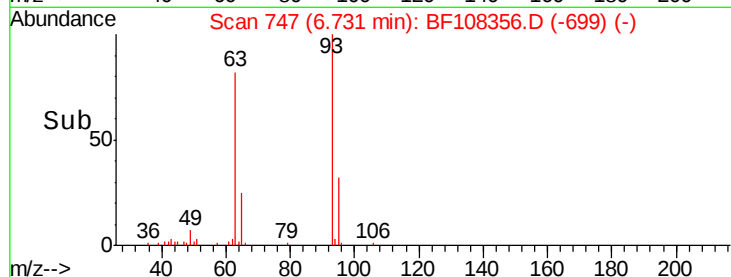
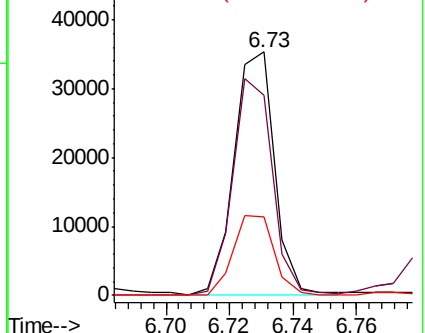
95 32.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 3.073 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

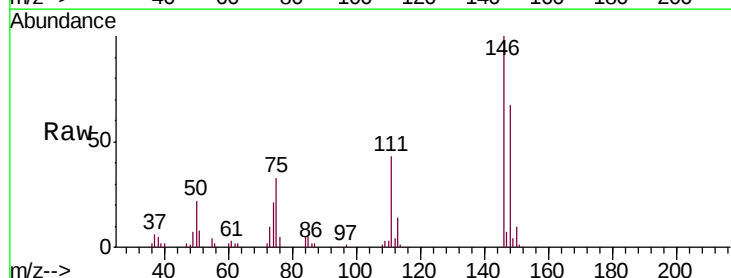
Tgt Ion: 146 Resp: 35951

Ion Ratio Lower Upper

146 100

148 66.6 51.8 77.8

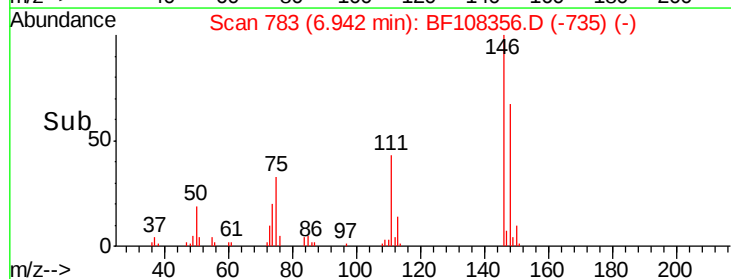
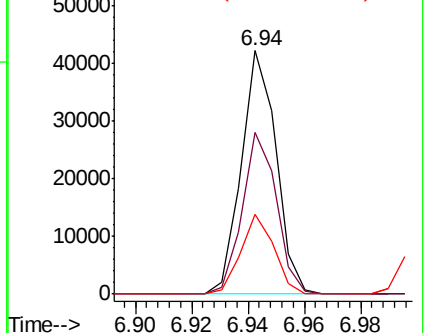
75 32.5 24.2 36.4

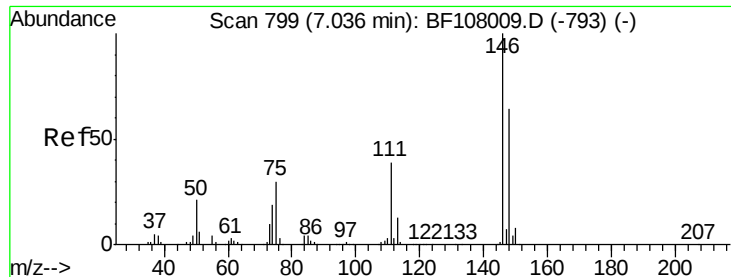


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

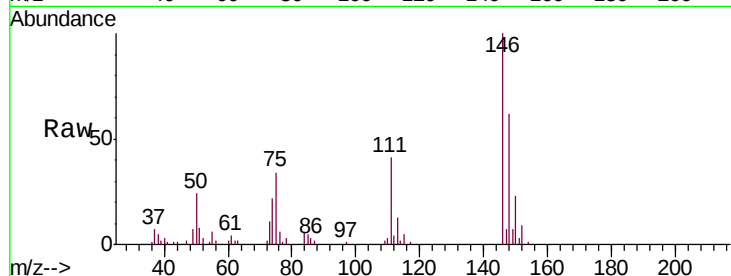




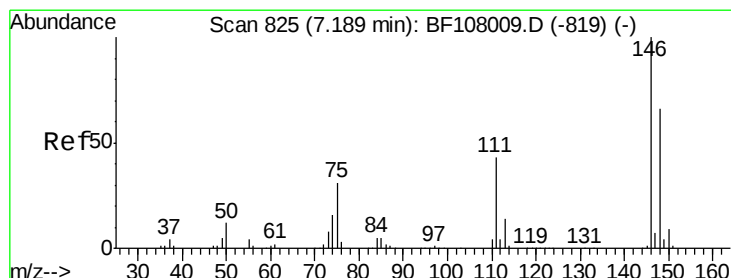
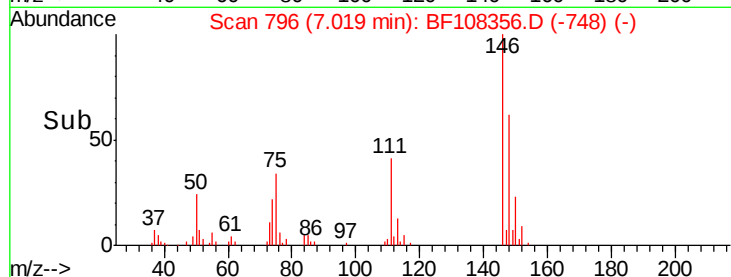
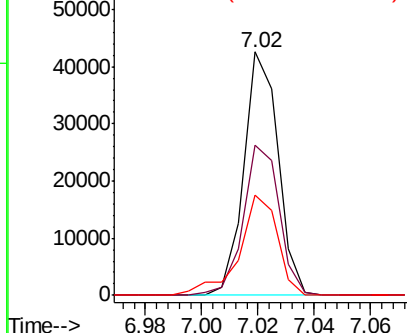
#13
 1,4-Dichlorobenzene
 Concen: 3.044 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion:146 Resp: 35780
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.8 76.2
 111 41.0 34.2 51.2

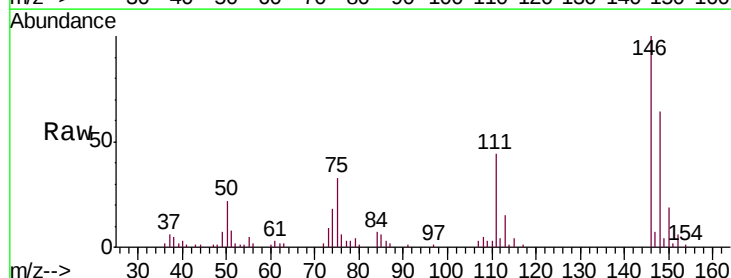


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

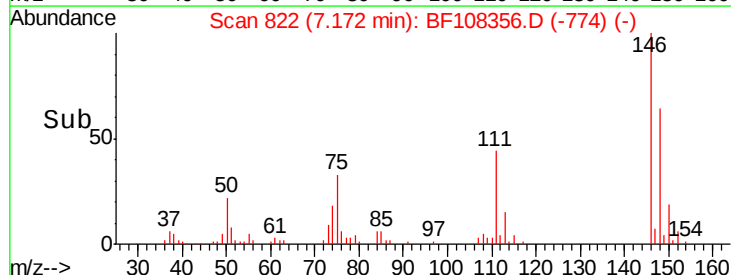
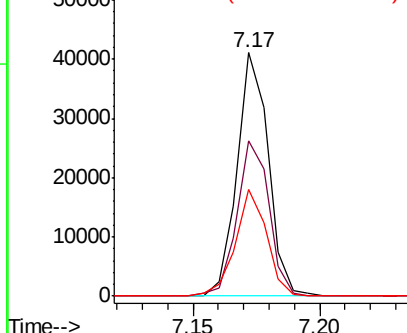


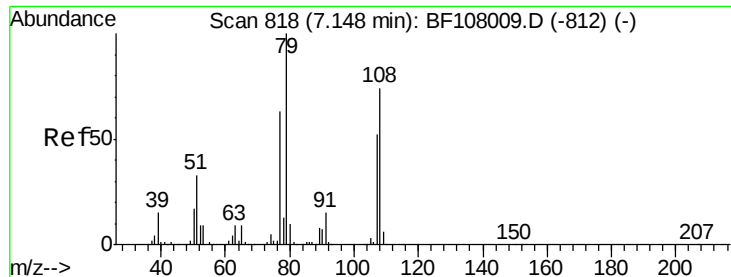
#14
 1,2-Dichlorobenzene
 Concen: 3.214 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:146 Resp: 35140
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 43.9 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: 2.825 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

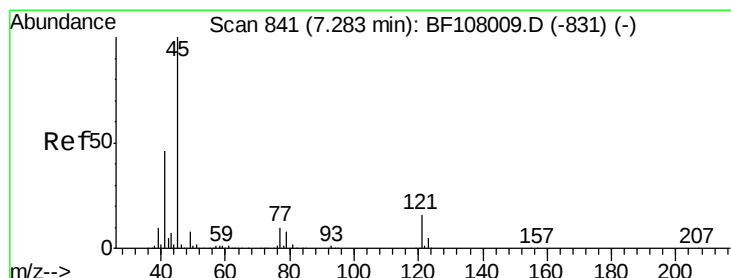
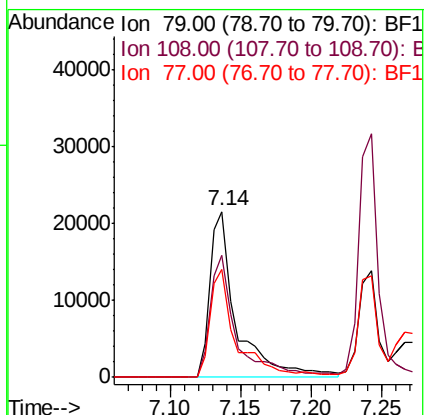
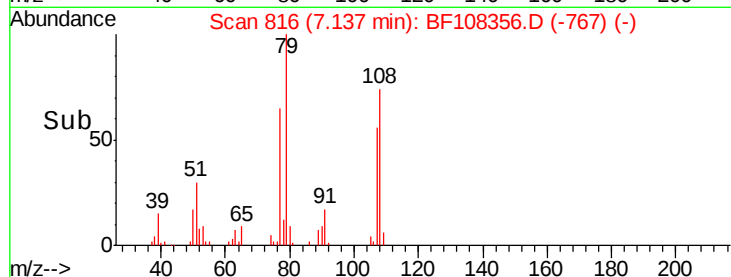
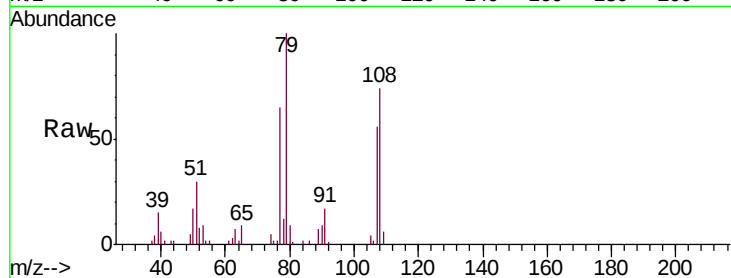
Tgt Ion: 79 Resp: 28392

Ion Ratio Lower Upper

79 100

108 73.8 65.1 97.7

77 64.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.945 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

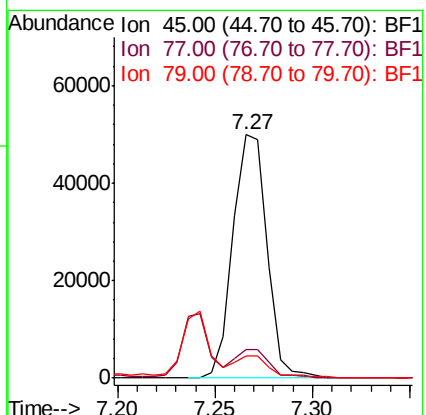
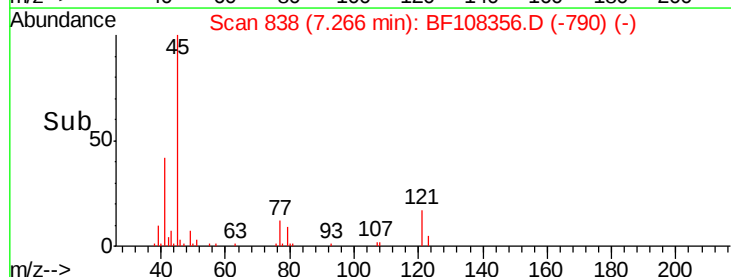
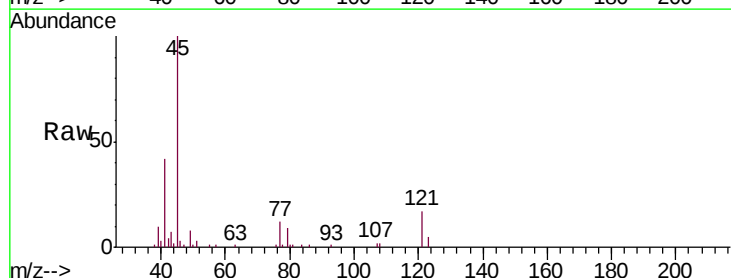
Tgt Ion: 45 Resp: 60566

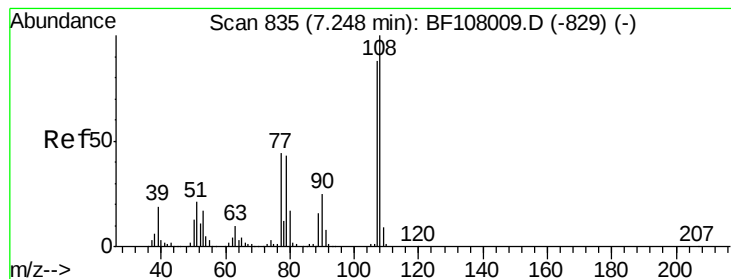
Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.9

79 9.0 0.0 29.6





#17

2-Methylphenol

Concen: 3.154 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:107 Resp: 27359

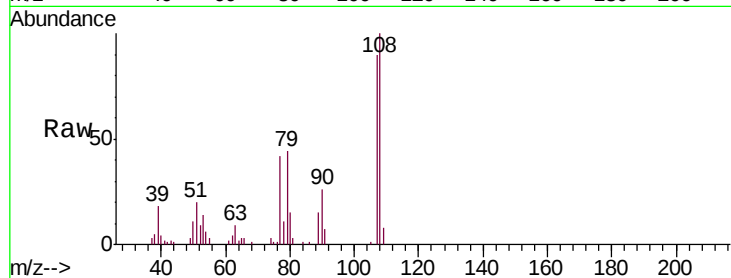
Ion Ratio Lower Upper

107 100

108 111.0 91.7 137.5

77 46.5 33.8 50.8

79 48.5 33.8 50.8



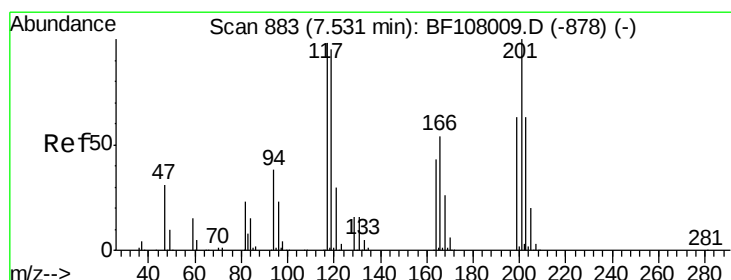
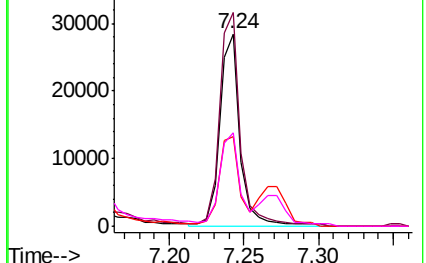
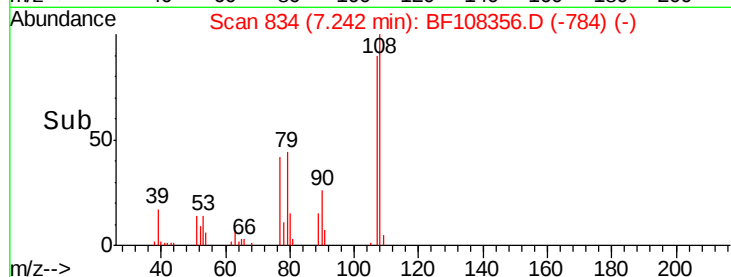
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 2.465 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

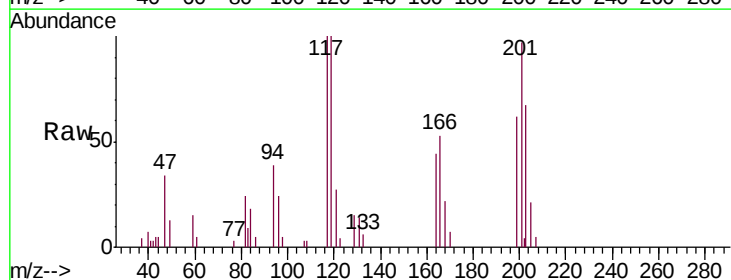
Tgt Ion:117 Resp: 10316

Ion Ratio Lower Upper

117 100

119 99.8 75.8 113.8

201 96.7 75.7 113.5

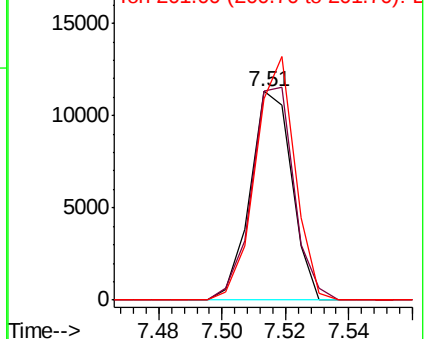
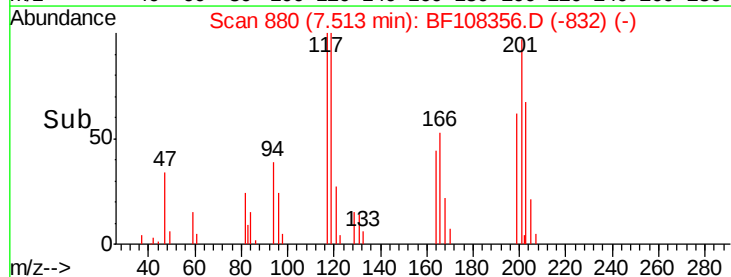


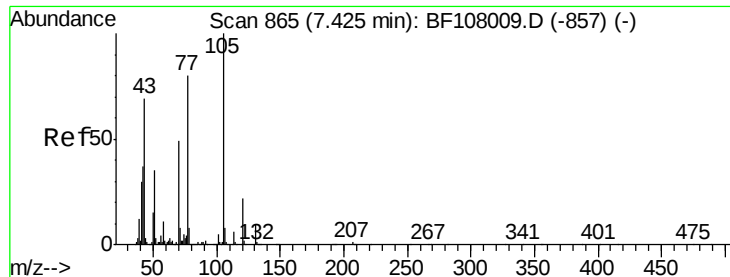
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

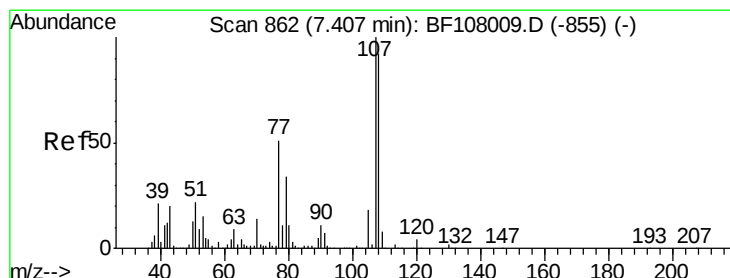
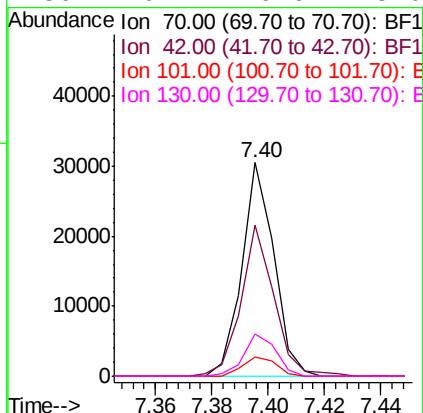
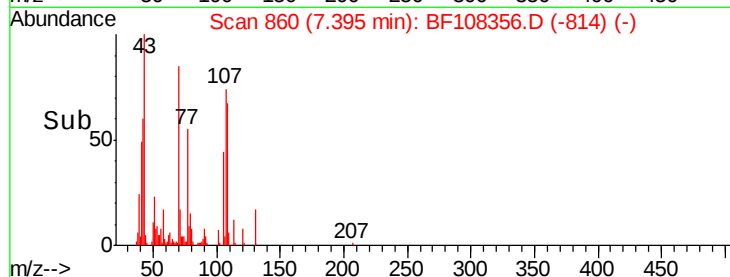
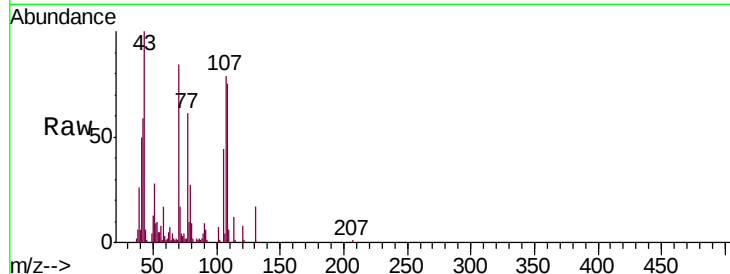




#19
n-Nitroso-di-n-propylamine
Concen: 2.981 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

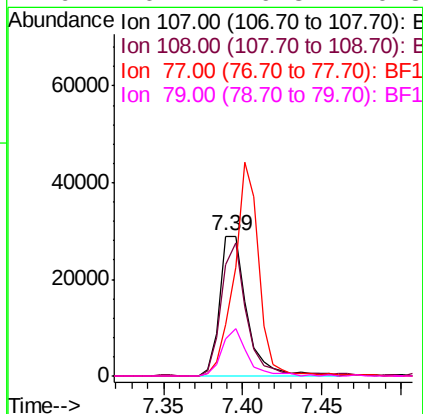
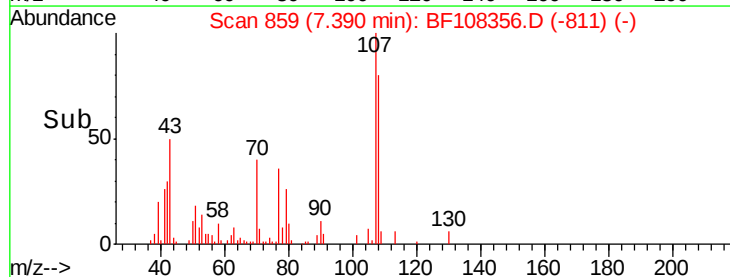
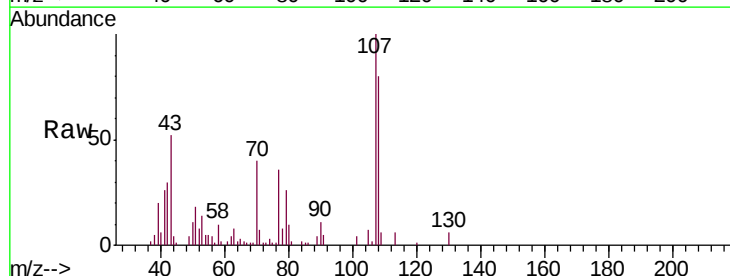
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

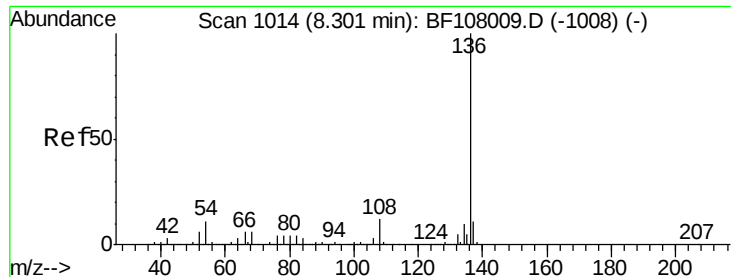
Tgt Ion:	70	Resp:	24062
Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	8.8	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 3.101 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:	107	Resp:	34476
Ion	Ratio	Lower	Upper
107	100		
108	79.6	68.2	108.2
77	36.3	26.7	66.7
79	26.2	6.3	46.3

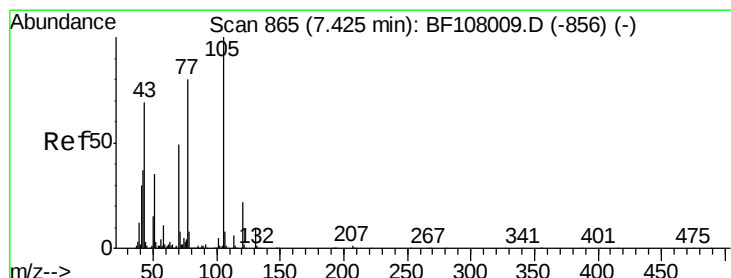
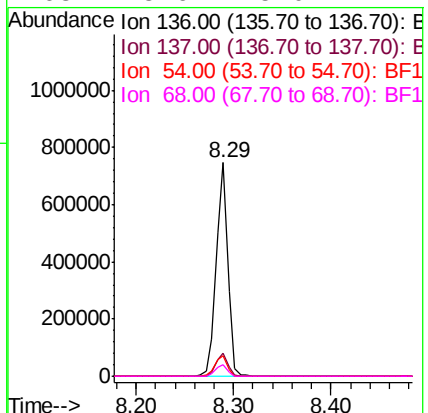
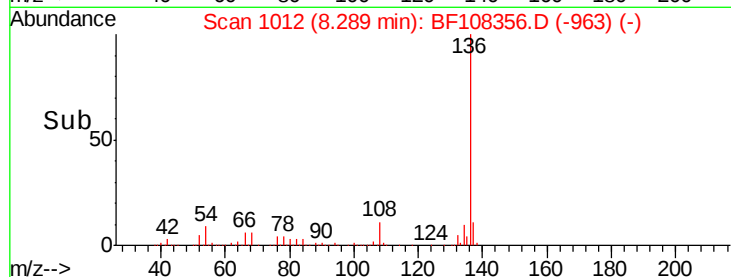
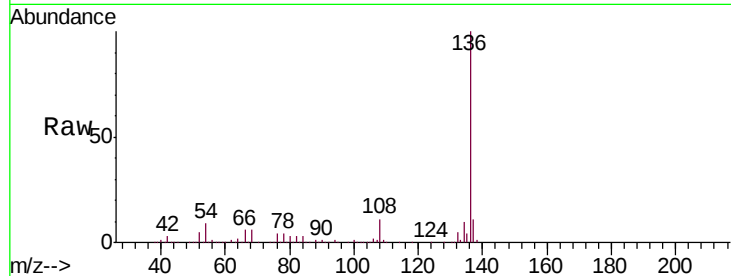




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

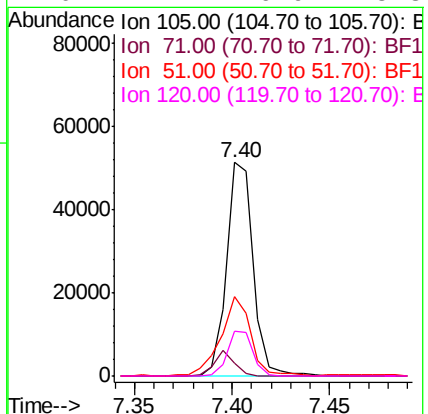
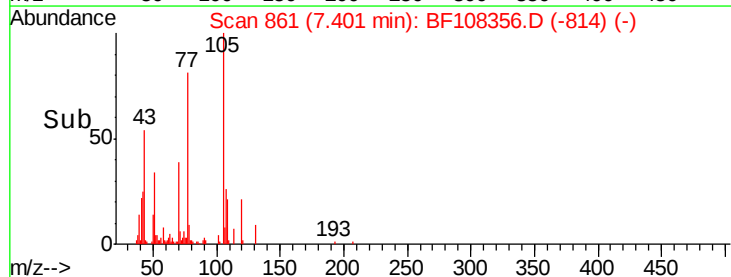
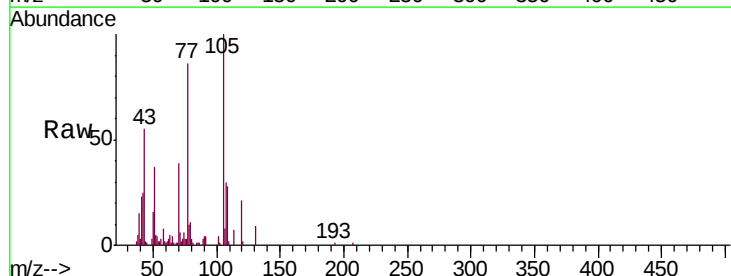
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

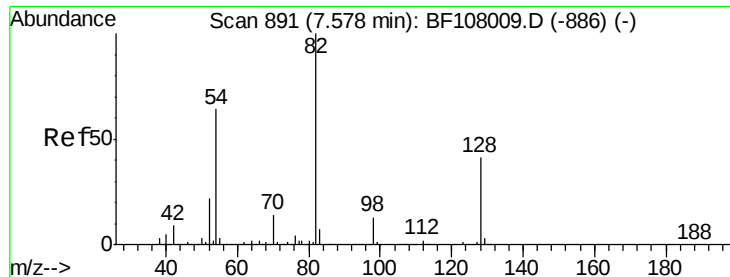
Tgt Ion:	136	Resp:	617274
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 3.335 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:	105	Resp:	48133
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	37.5	22.3	33.5#
120	21.2	16.9	25.3

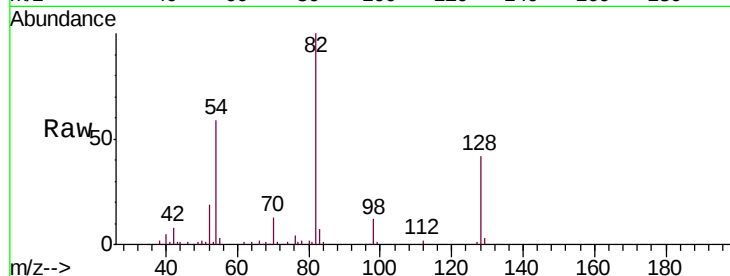




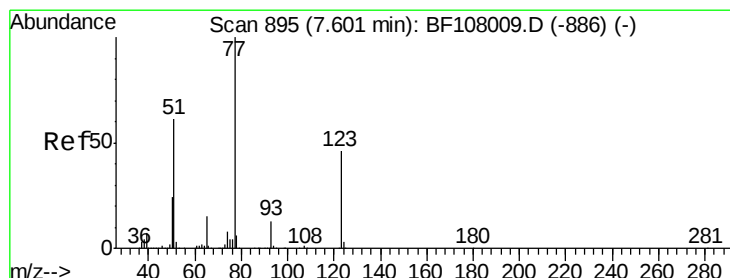
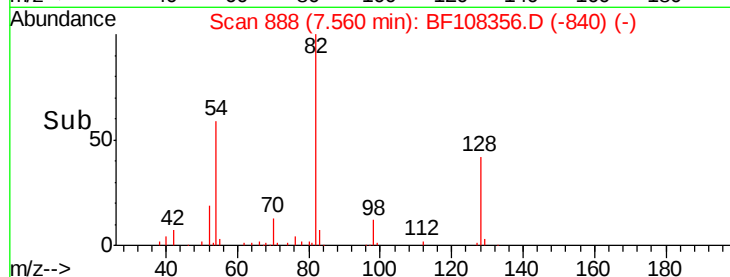
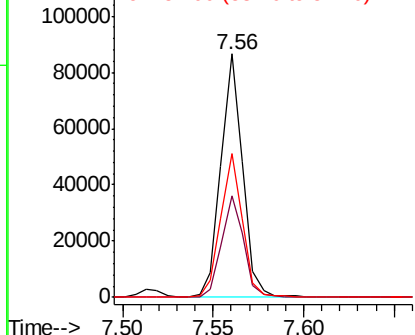
#23
 Nitrobenzene-d5
 Concen: 6.534 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion: 82 Resp: 72282
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 58.8 41.4 62.2

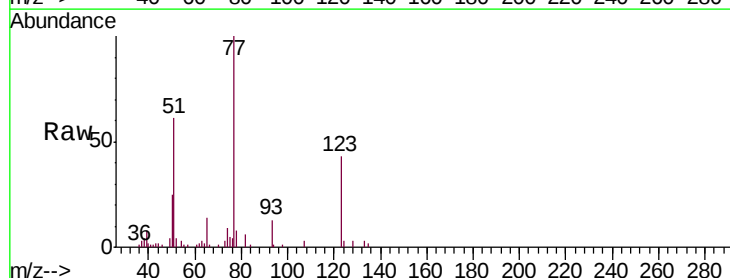


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

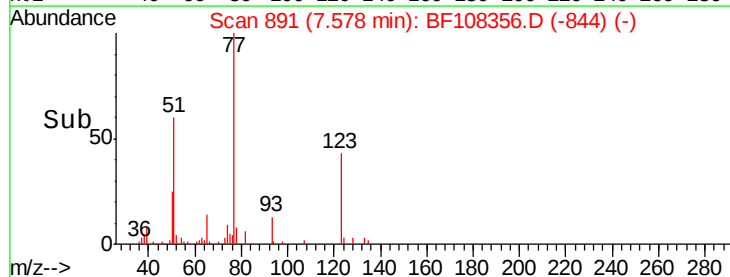
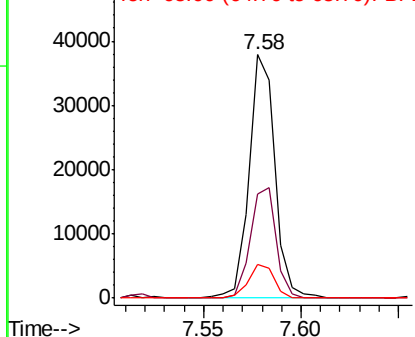


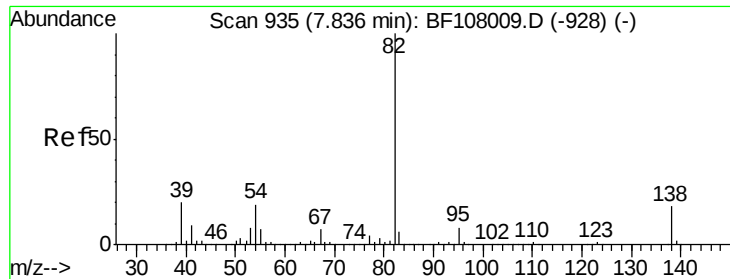
#24
 Nitrobenzene
 Concen: 3.100 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion: 77 Resp: 34676
 Ion Ratio Lower Upper
 77 100
 123 42.9 37.9 56.9
 65 13.9 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

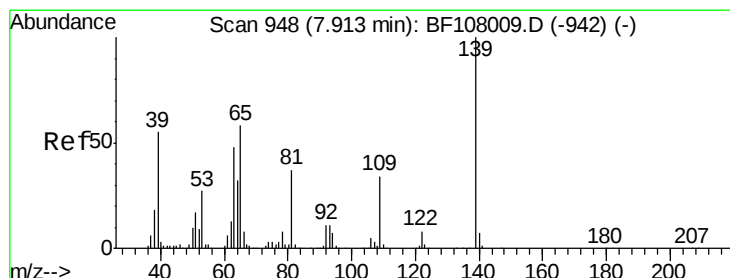
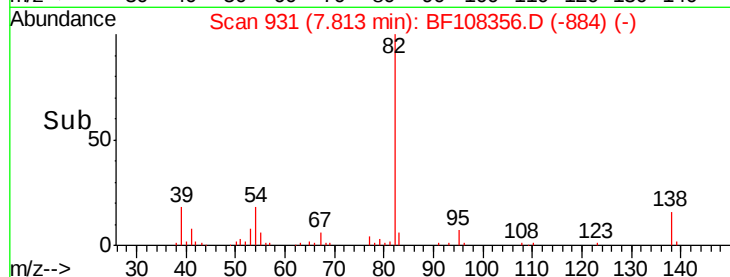
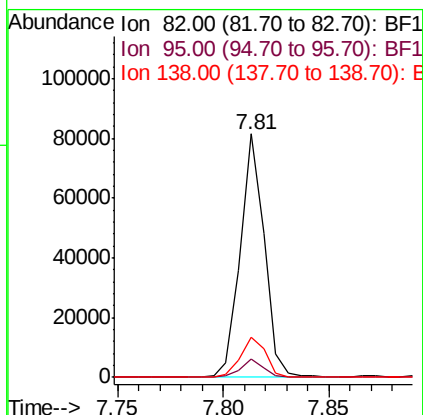
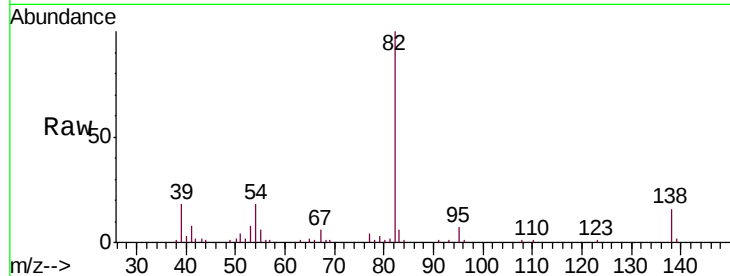




#25
Isophorone
Concen: 3.033 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

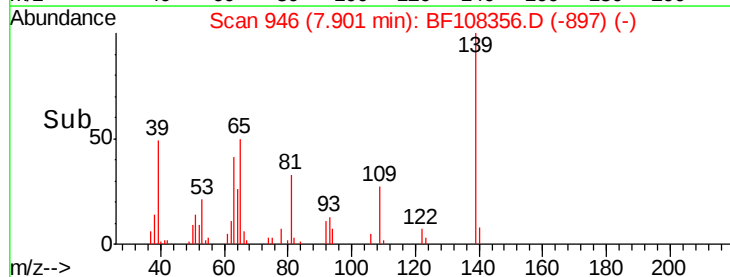
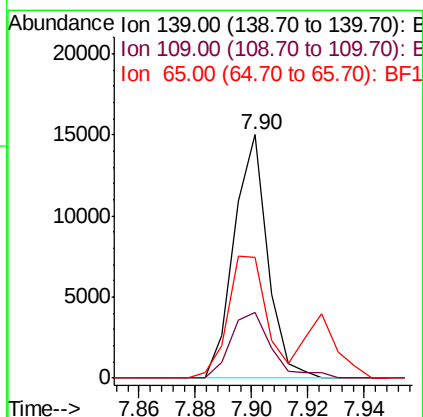
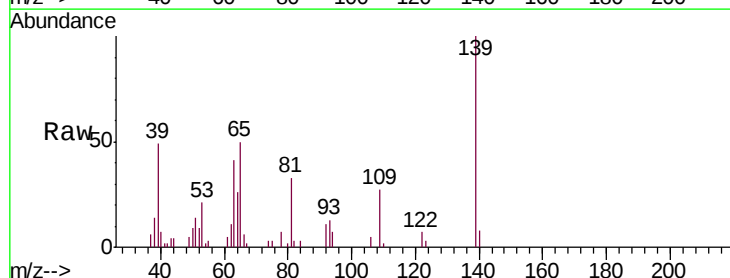
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

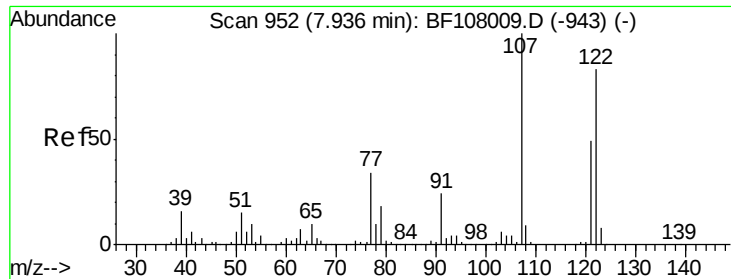
Tgt Ion: 82 Resp: 63948
Ion Ratio Lower Upper
82 100
95 7.5 5.2 7.8
138 16.3 14.9 22.3



#26
2-Nitrophenol
Concen: 2.928 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 139 Resp: 12368
Ion Ratio Lower Upper
139 100
109 27.1 22.7 34.1
65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 3.075 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

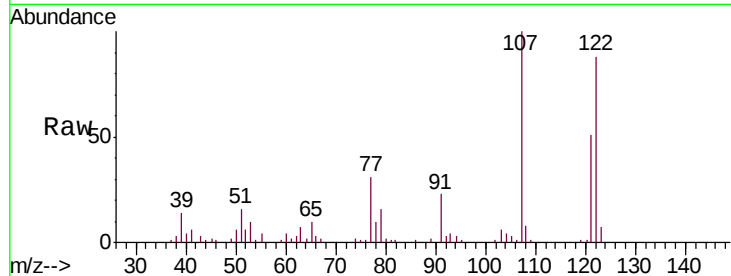
Tgt Ion:122 Resp: 28773

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

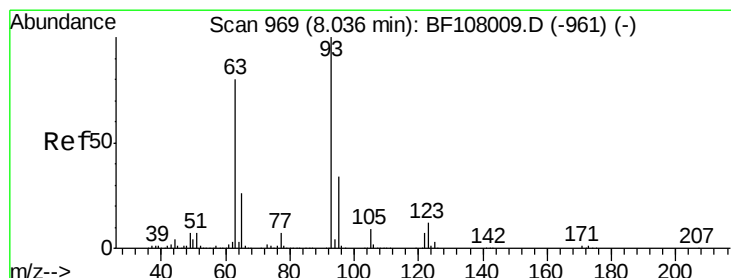
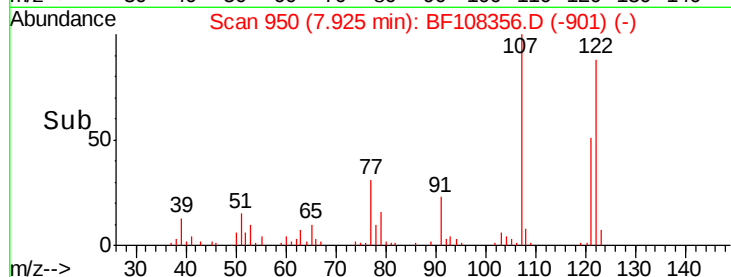
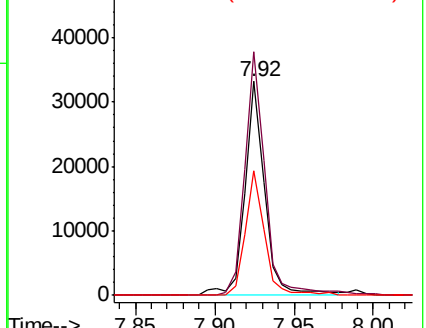
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.127 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

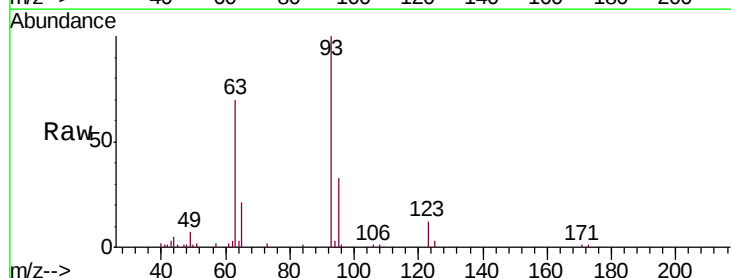
Tgt Ion: 93 Resp: 38488

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

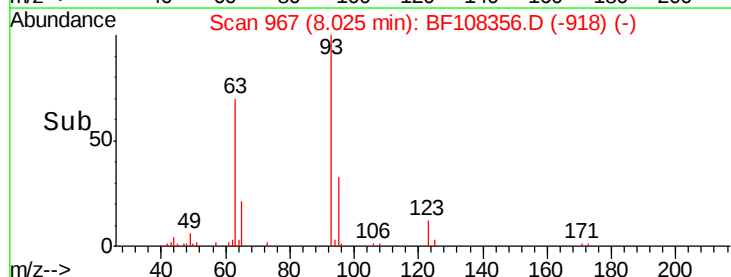
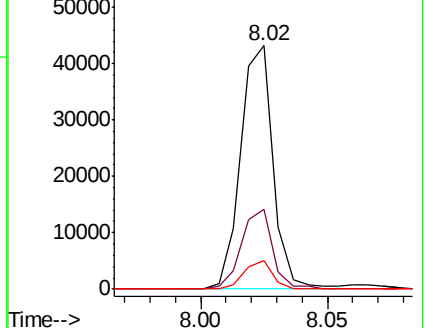
123 11.6 9.8 14.6

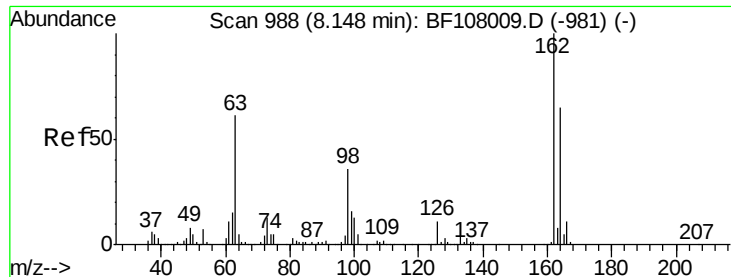


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

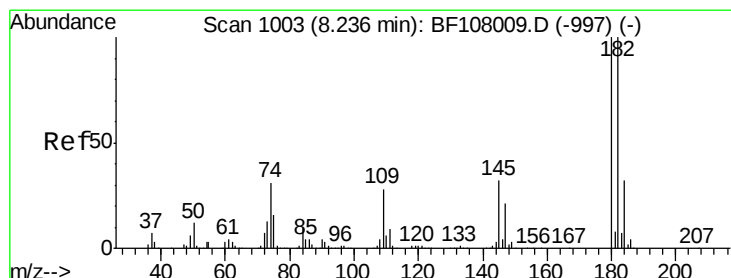
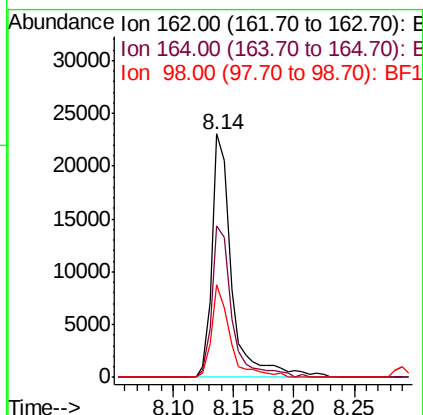
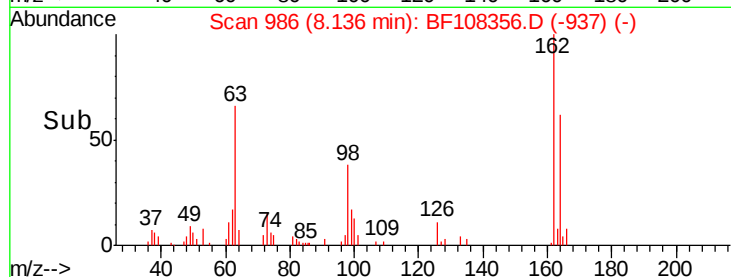
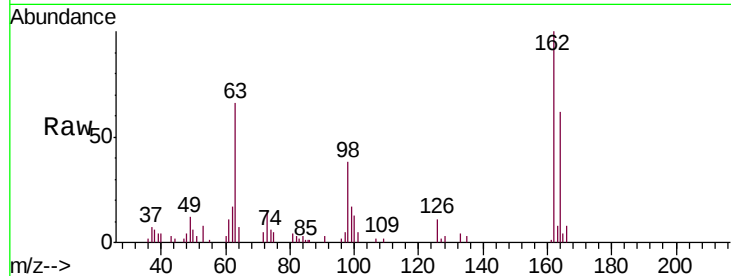




#29
2,4-Dichlorophenol
Concen: 3.030 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

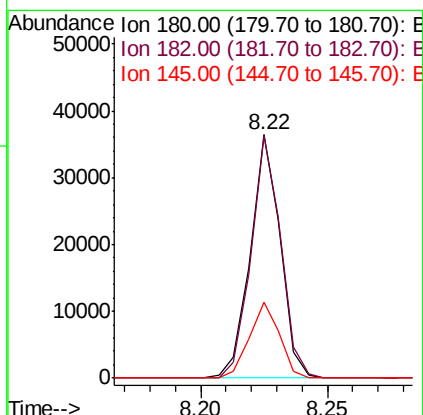
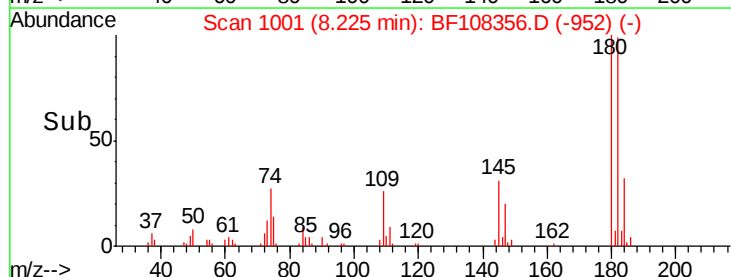
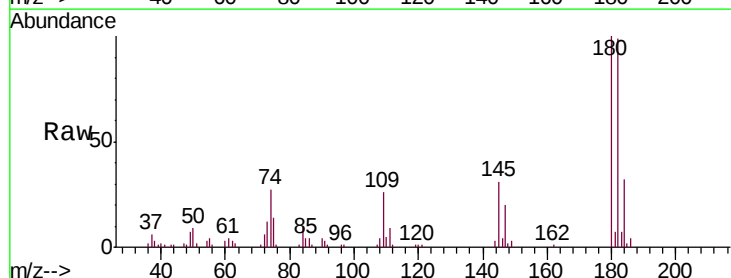
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

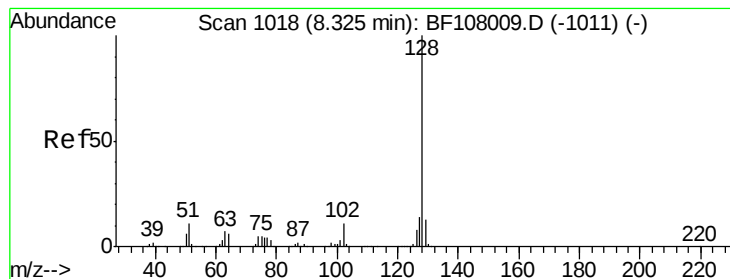
Tgt Ion:162 Resp: 26096
Ion Ratio Lower Upper
162 100
164 62.4 42.7 82.7
98 38.0 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 3.148 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:180 Resp: 29893
Ion Ratio Lower Upper
180 100
182 99.4 76.8 115.2
145 31.2 26.5 39.7





#31

Naphthalene

Concen: 3.720 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

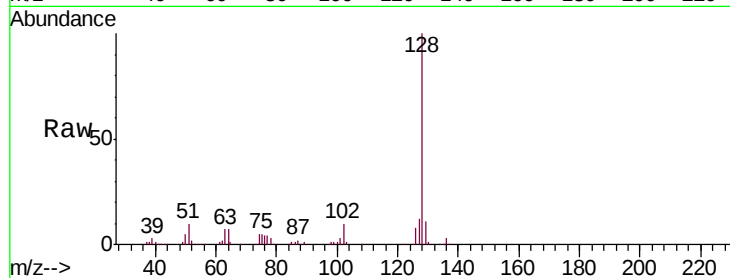
Tgt Ion:128 Resp: 104422

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

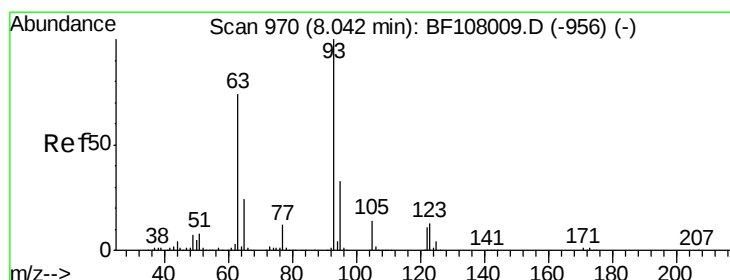
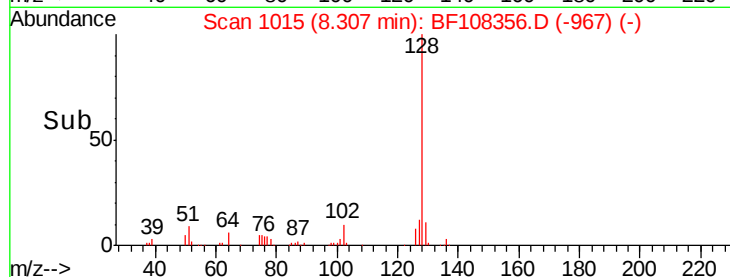
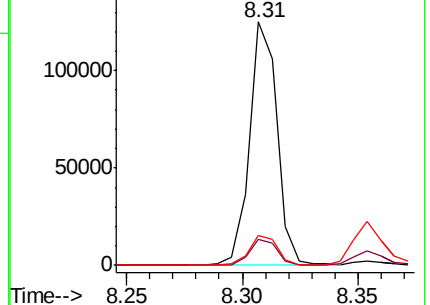
127 12.2 10.9 16.3



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: 10.613 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.12 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

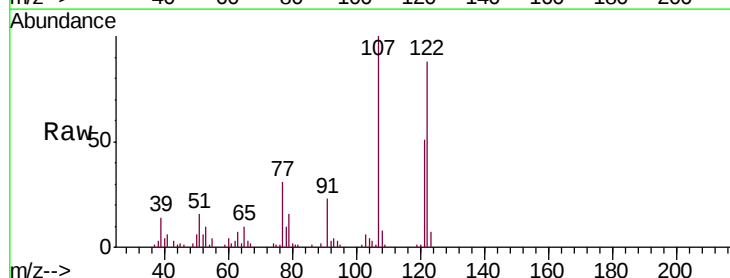
Tgt Ion:122 Resp: 28773

Ion Ratio Lower Upper

122 100

105 3.9 101.1 141.1#

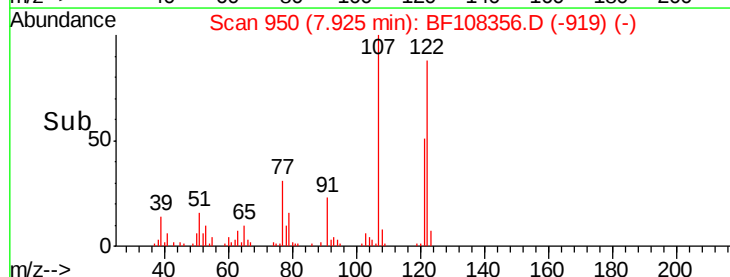
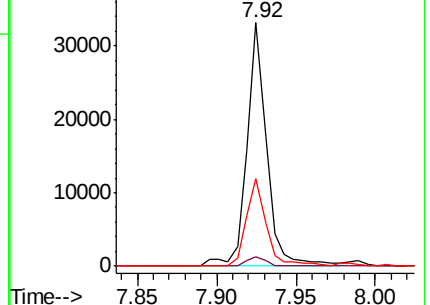
77 35.8 70.7 110.7#

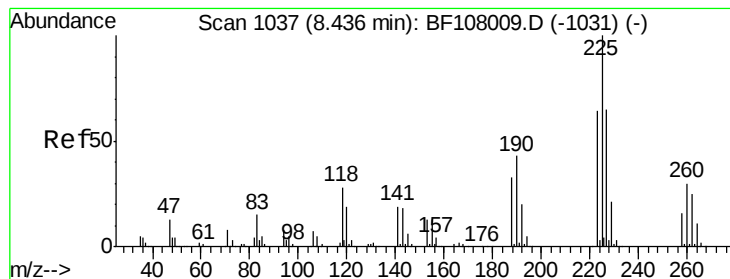


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#34

Hexachlorobutadiene

Concen: 3.251 ng

RT: 8.42 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

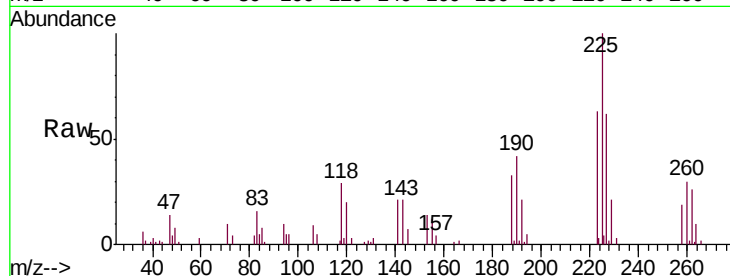
Tgt Ion: 225 Resp: 19542

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

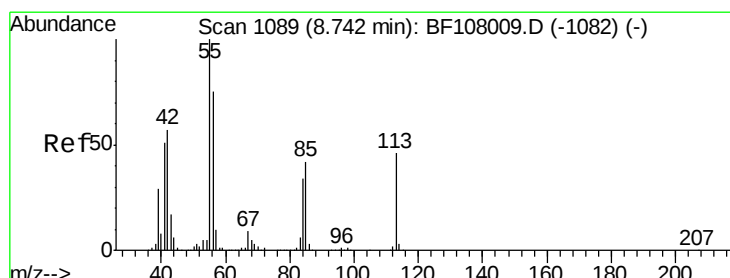
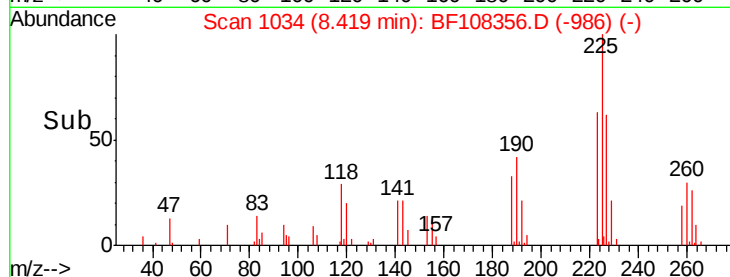
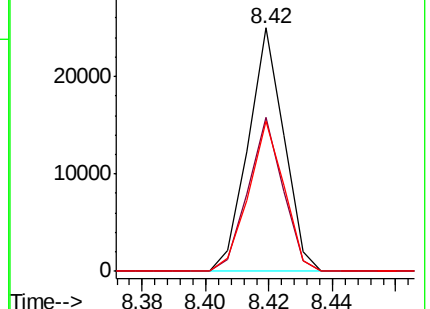
227 61.7 51.9 77.9



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: 2.704 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.06 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

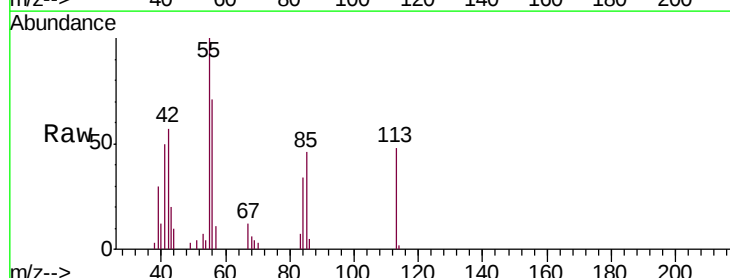
Tgt Ion: 113 Resp: 7297

Ion Ratio Lower Upper

113 100

55 208.9 163.3 203.3#

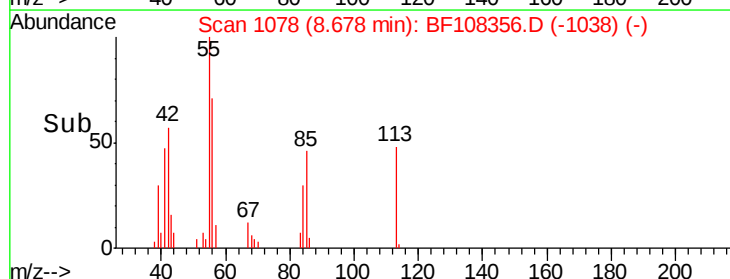
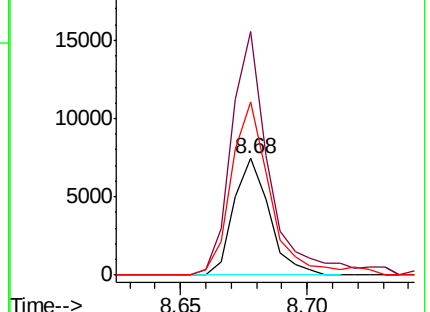
56 148.4 115.7 155.7

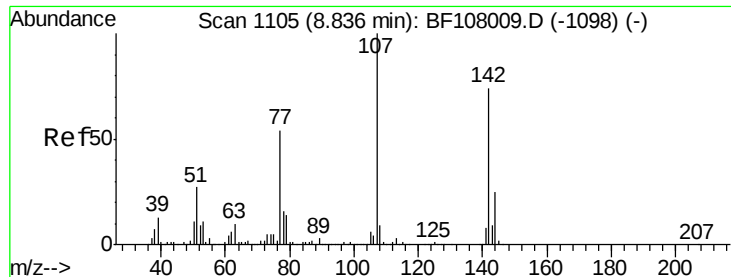


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

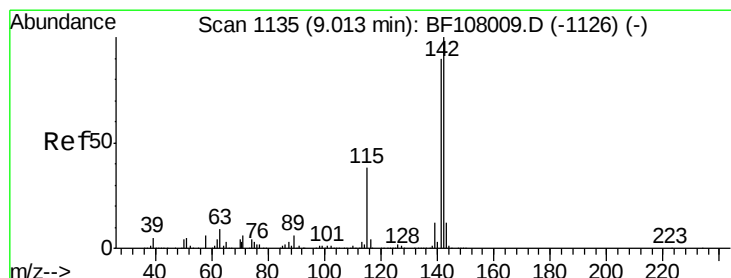
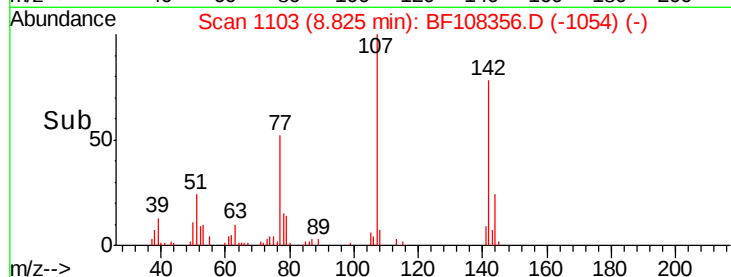
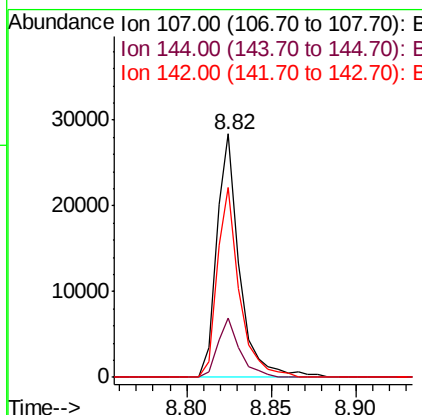
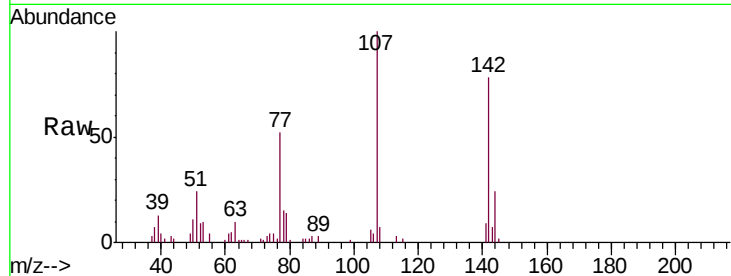




#36
 4-Chloro-3-methylphenol
 Concen: 2.886 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

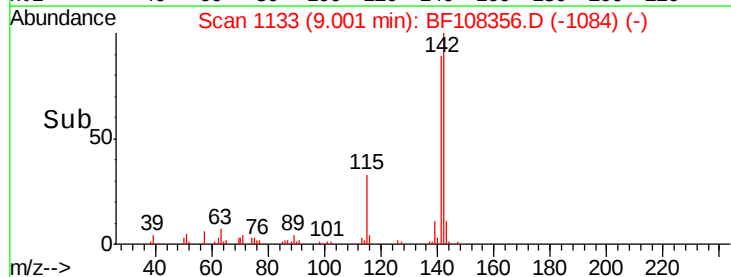
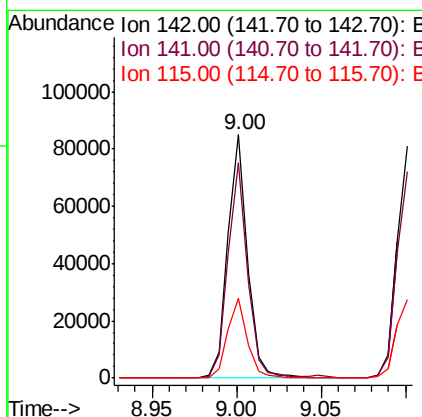
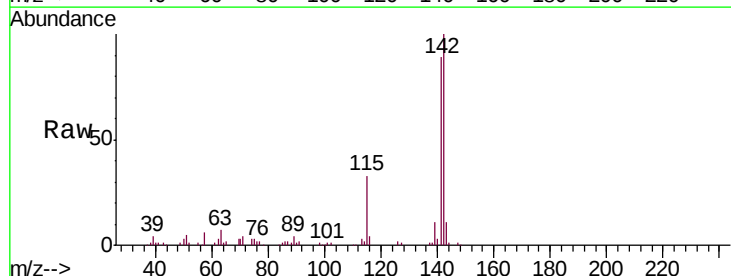
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

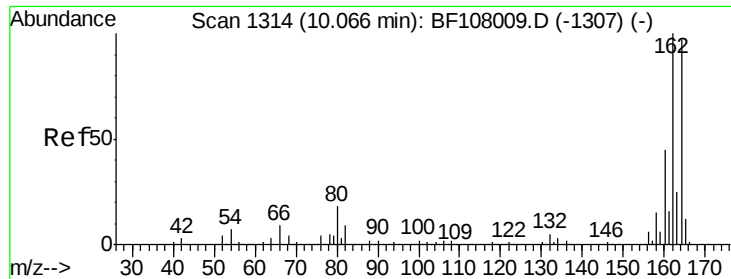
Tgt Ion:107 Resp: 26809
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 78.1 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 3.471 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:142 Resp: 68948
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 32.6 26.1 39.1

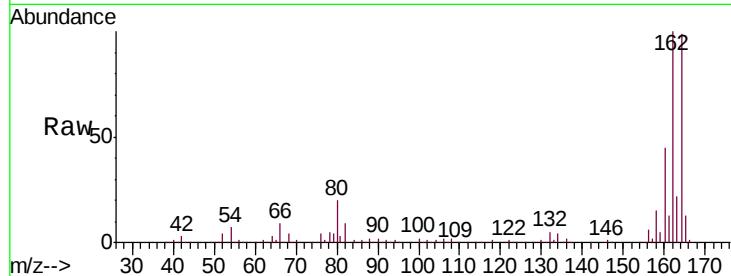




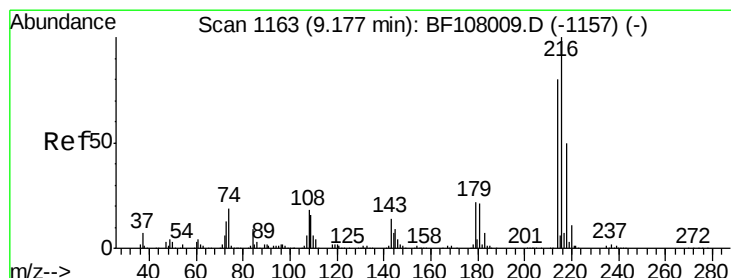
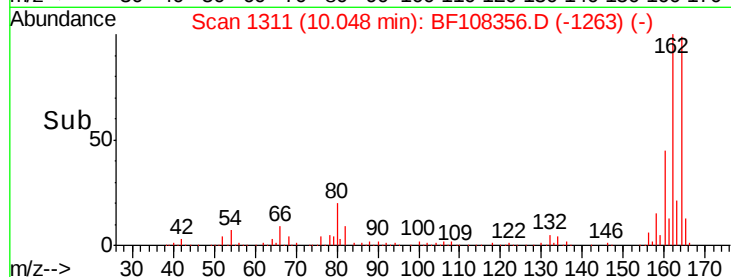
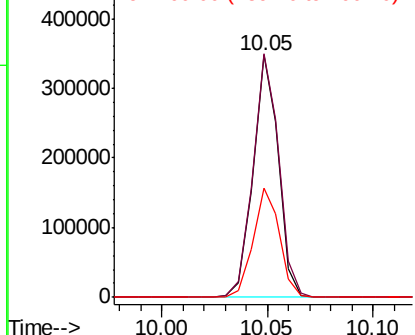
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion:164 Resp: 289083
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 45.1 38.3 57.5

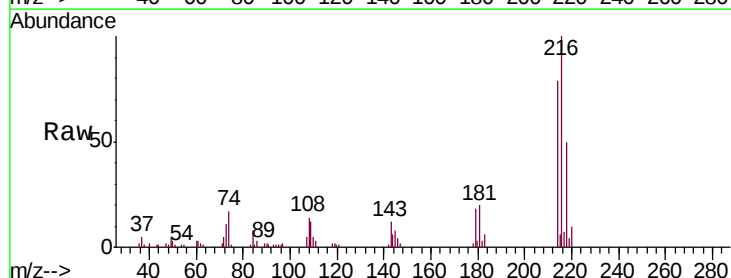


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

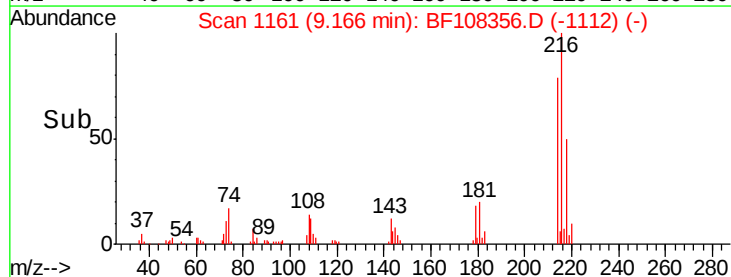
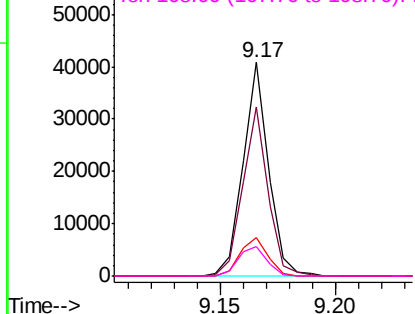


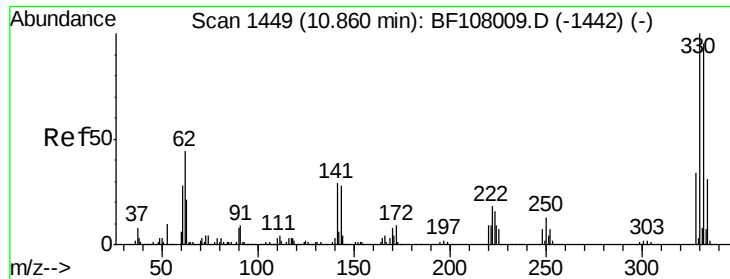
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.578 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:216 Resp: 31760
 Ion Ratio Lower Upper
 216 100
 214 78.0 63.0 94.4
 179 19.6 18.1 27.1
 108 15.4 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

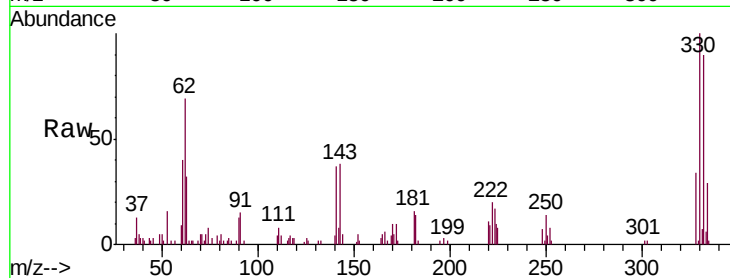




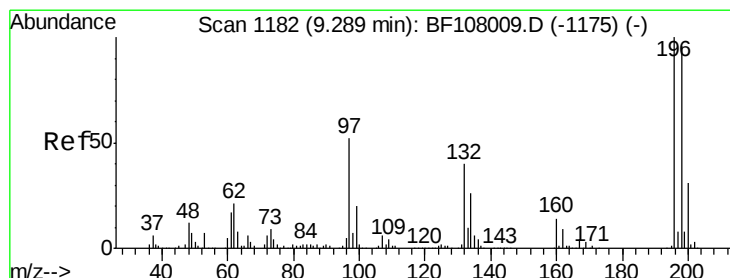
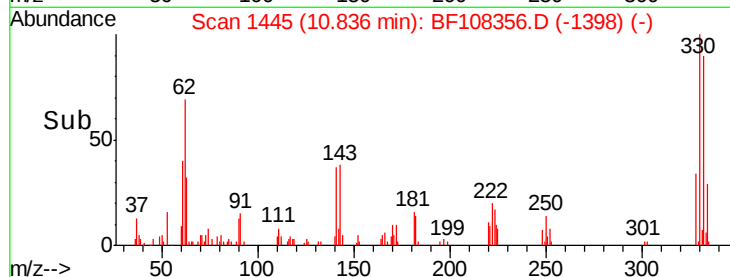
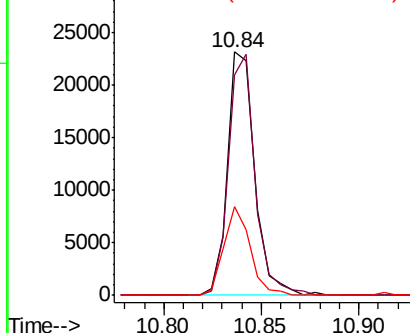
#41
 2,4,6-Tribromophenol
 Concen: 7.795 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion:330 Resp: 22476
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.2 29.9 44.9

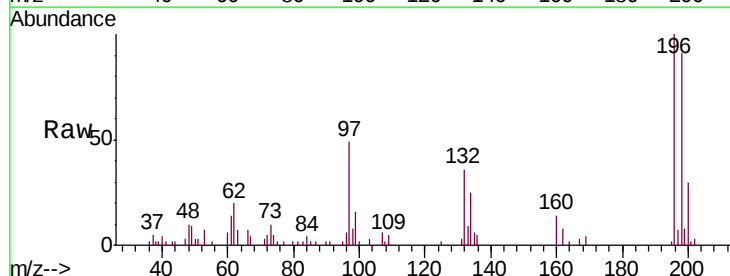


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

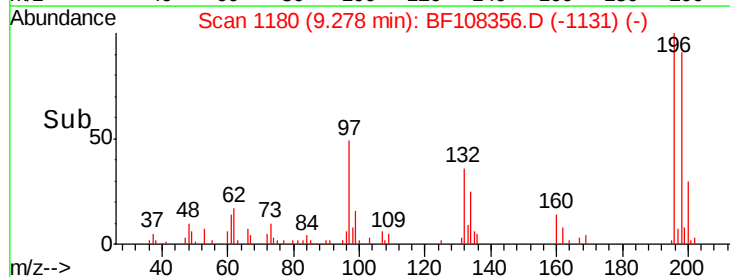
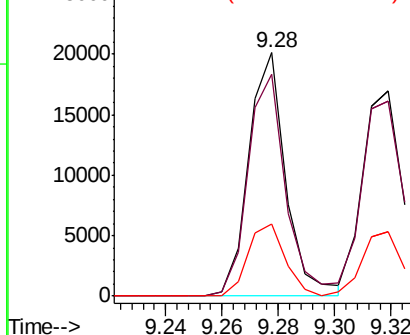


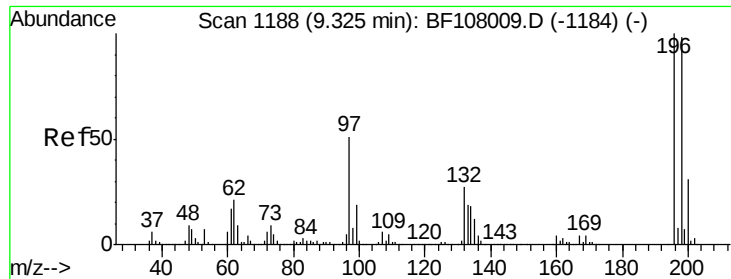
#42
 2,4,6-Trichlorophenol
 Concen: 3.334 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:196 Resp: 18365
 Ion Ratio Lower Upper
 196 100
 198 90.9 75.7 113.5
 200 29.6 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

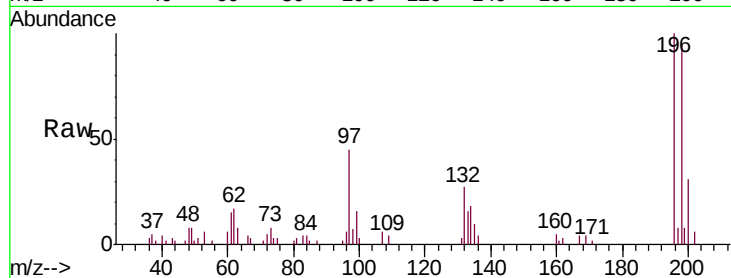




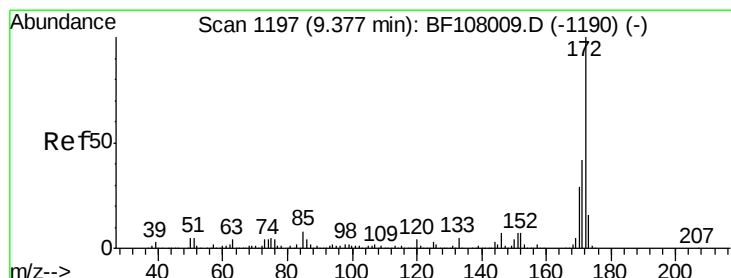
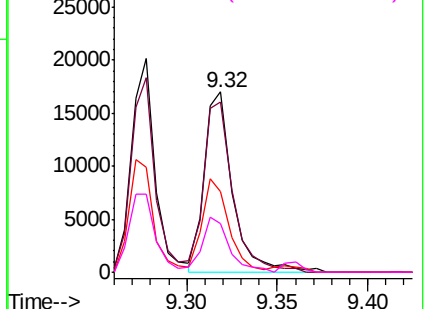
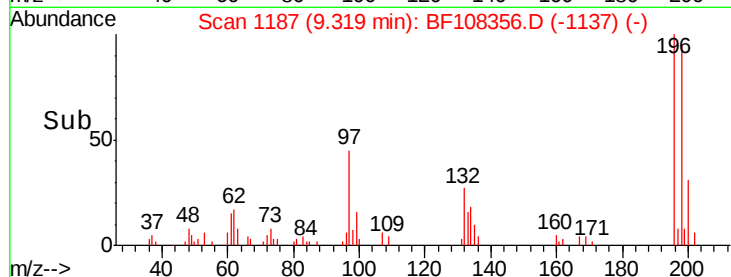
#43
 2,4,5-Trichlorophenol
 Concen: 3.088 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion:	196	Resp:	18726
Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	44.7	42.9	64.3
132	27.1	26.3	39.5

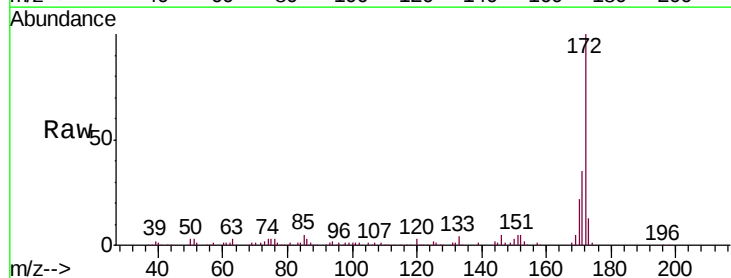


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

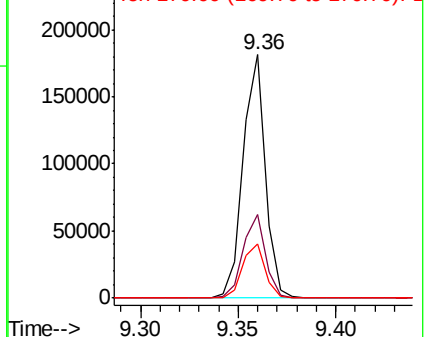
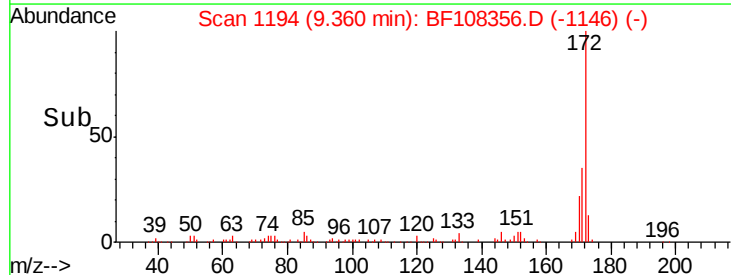


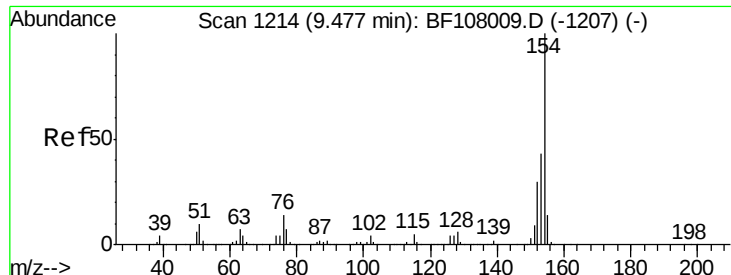
#44
 2-Fluorobiphenyl
 Concen: 7.971 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:	172	Resp:	143523
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.3	19.6	29.4



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

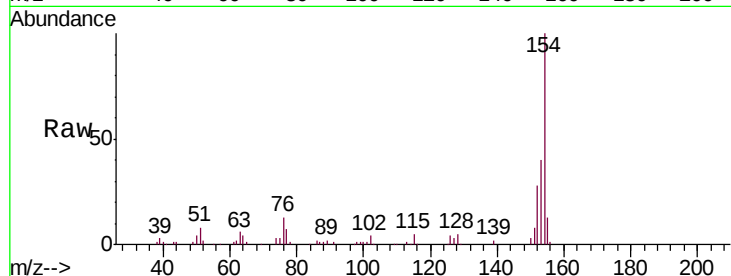




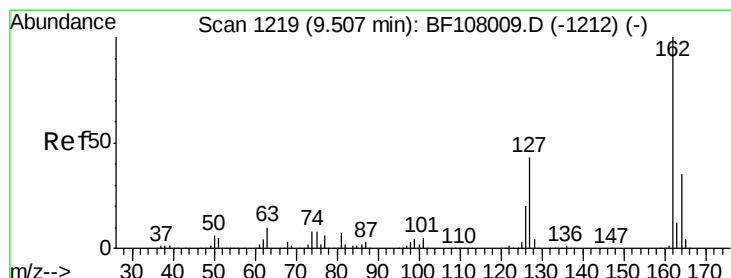
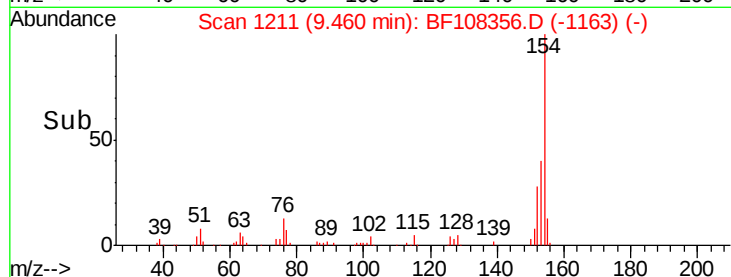
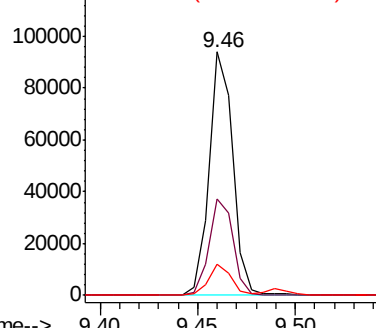
#45
 1,1'-Biphenyl
 Concen: 3.710 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion:154 Resp: 79072
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.3 61.3
 76 12.7 0.0 34.0

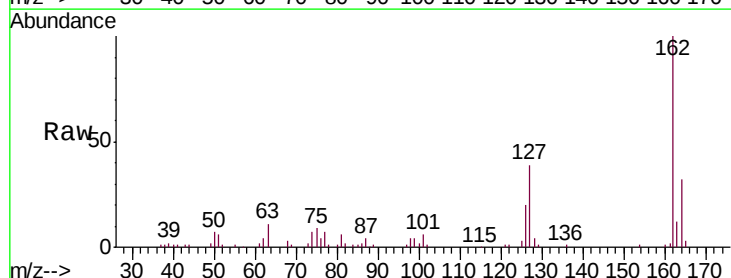


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

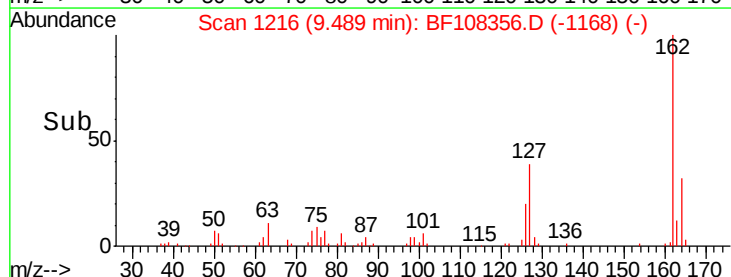
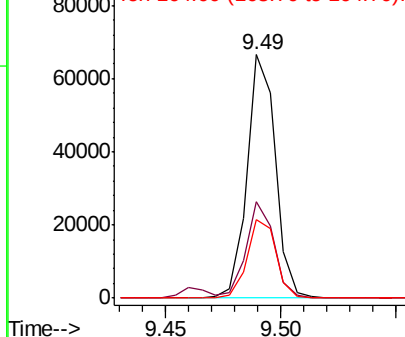


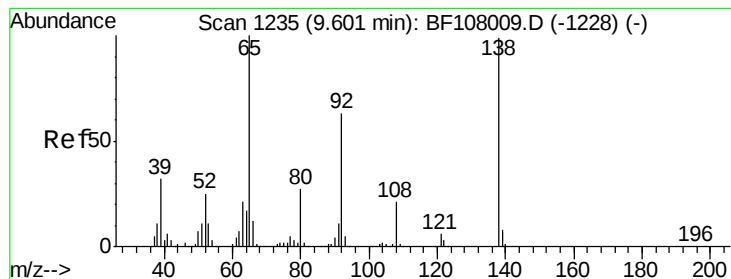
#46
 2-Chloronaphthalene
 Concen: 3.406 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:162 Resp: 57385
 Ion Ratio Lower Upper
 162 100
 127 39.5 33.9 50.9
 164 32.2 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: 3.318 ng

RT: 9.58 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

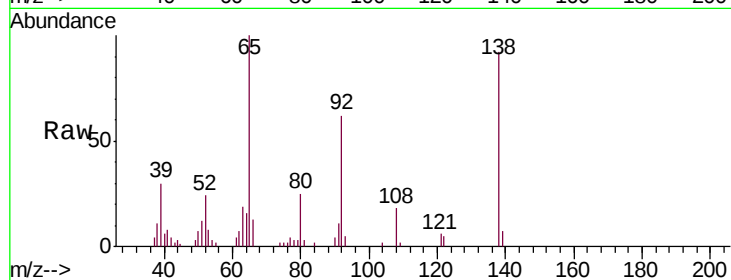
Tgt Ion: 65 Resp: 18087

Ion Ratio Lower Upper

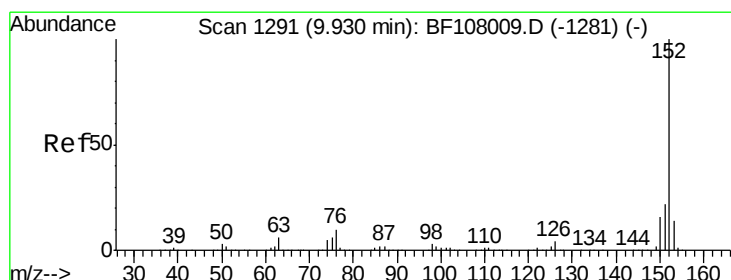
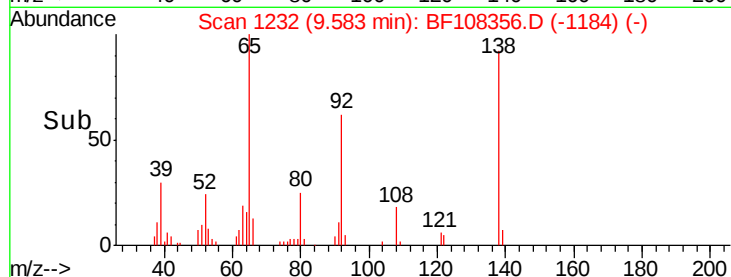
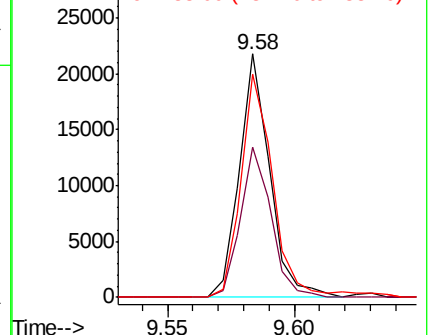
65 100

92 61.6 55.8 83.6

138 91.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 3.353 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

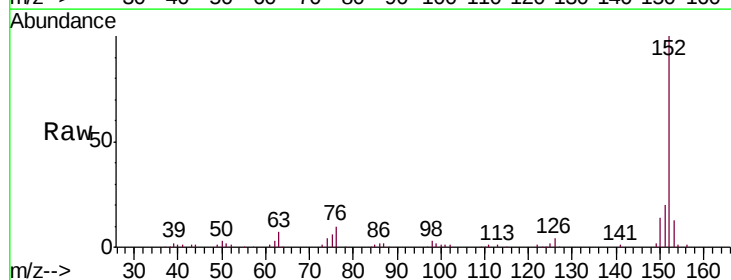
Tgt Ion: 152 Resp: 89292

Ion Ratio Lower Upper

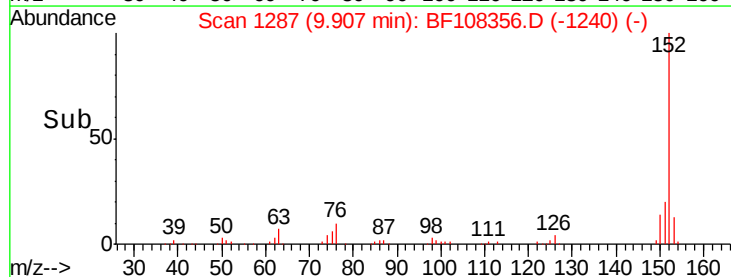
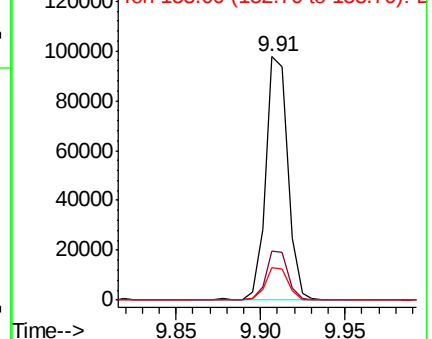
152 100

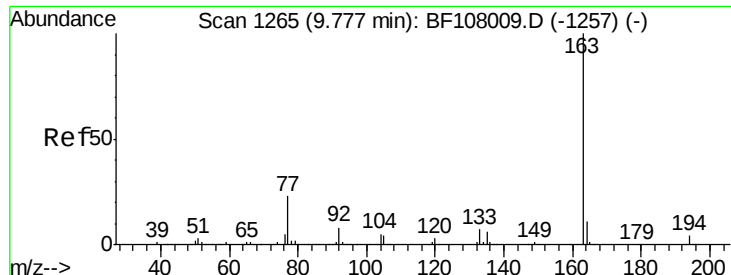
151 20.0 16.3 24.5

153 13.5 10.7 16.1



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

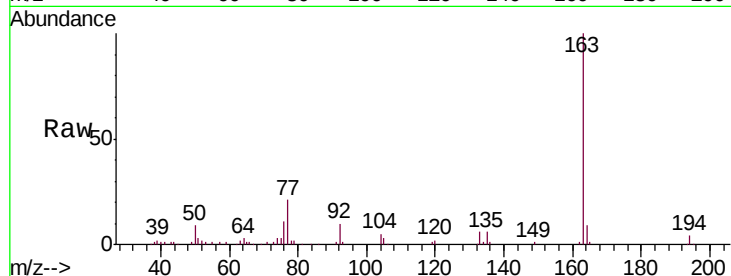




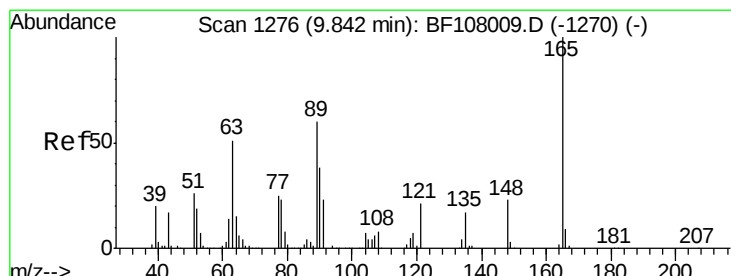
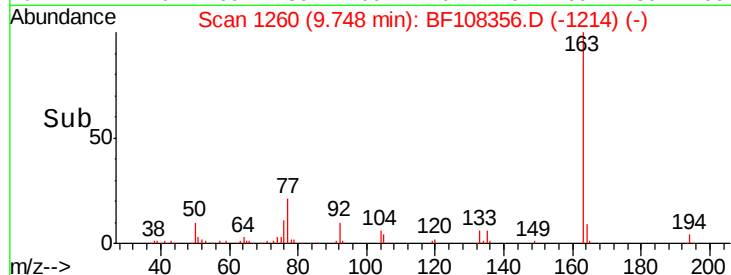
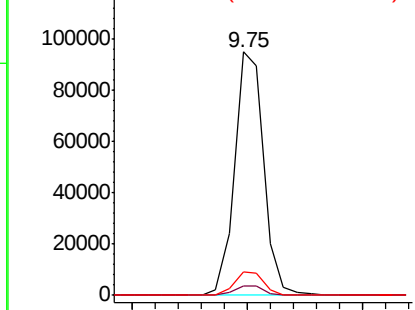
#49
Dimethylphthalate
Concen: 4.133 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:163 Resp: 83220
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 8.2 12.2

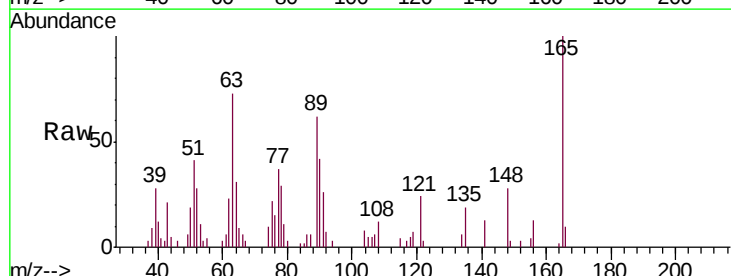


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

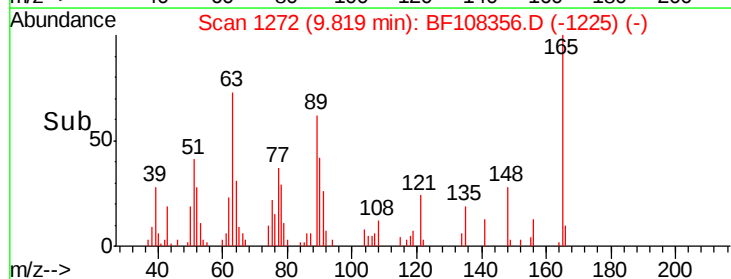
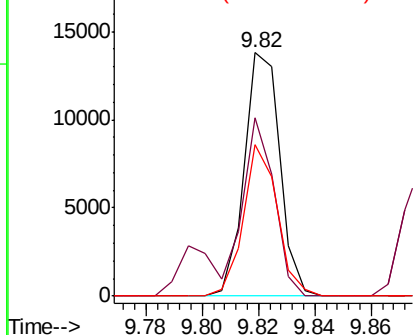


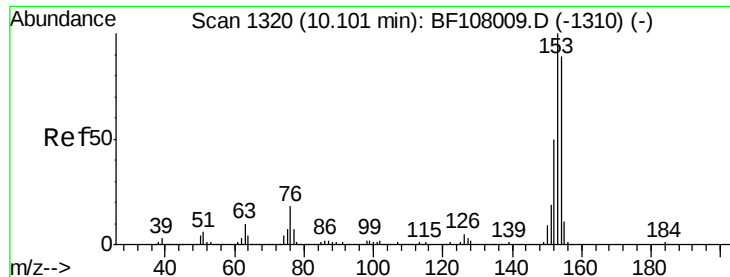
#50
2,6-Dinitrotoluene
Concen: 2.869 ng
RT: 9.82 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:165 Resp: 12086
Ion Ratio Lower Upper
165 100
63 73.3 44.7 67.1#
89 62.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 3.690 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

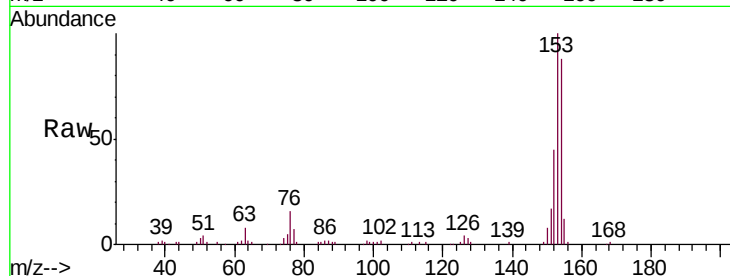
Tgt Ion:154 Resp: 60190

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

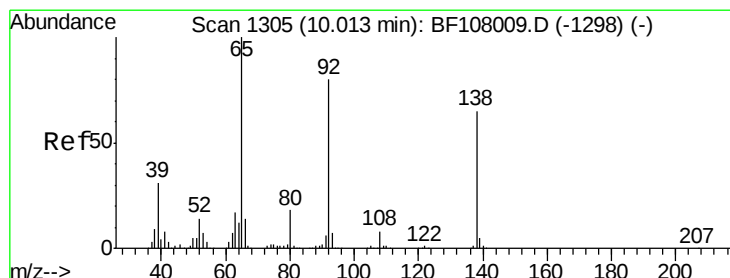
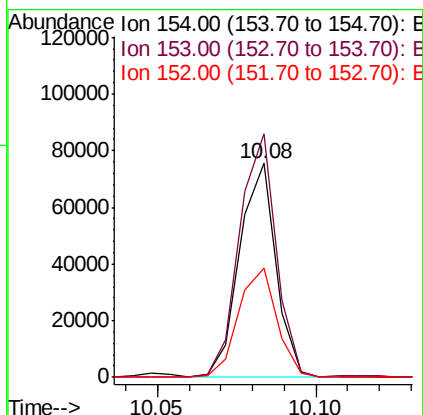
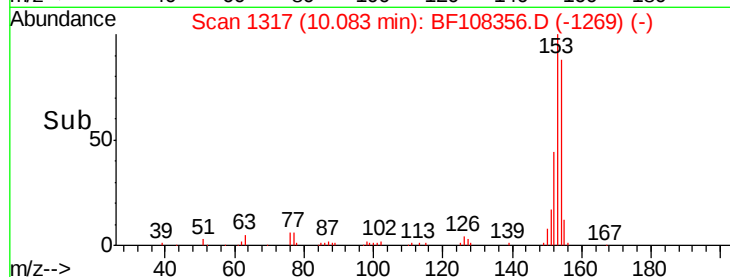
152 51.1 43.8 65.8



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: 2.585 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

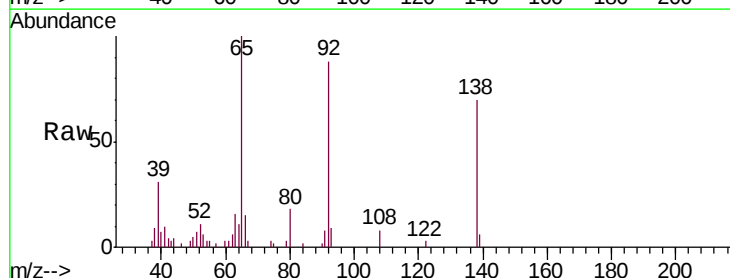
Tgt Ion:138 Resp: 11916

Ion Ratio Lower Upper

138 100

108 11.9 9.4 14.0

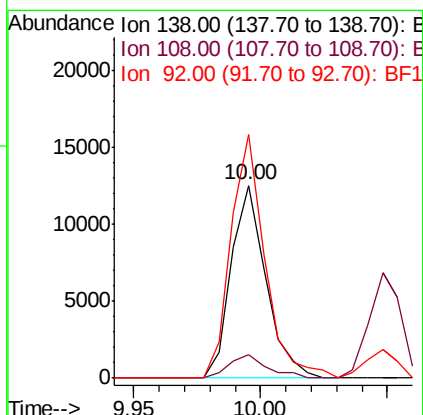
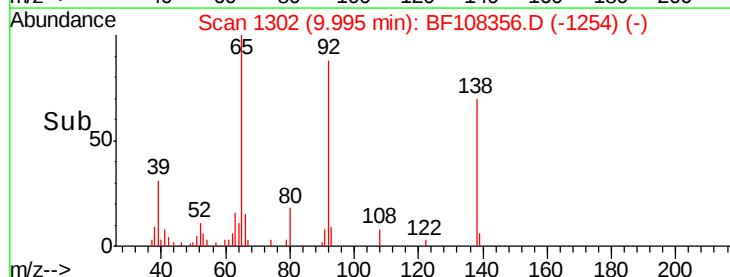
92 126.2 89.4 134.2

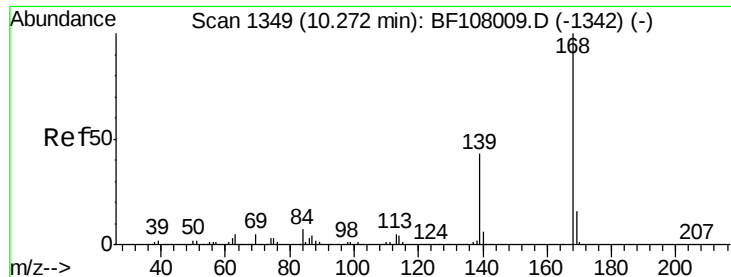


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 3.839 ng

RT: 10.25 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

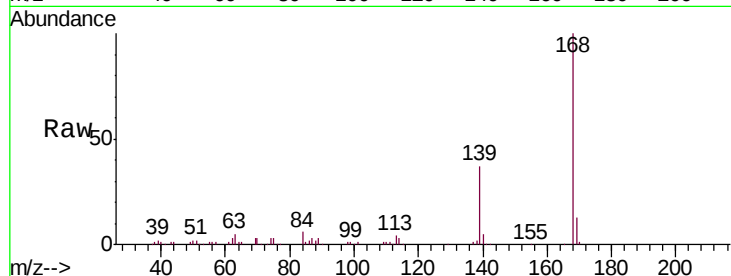
Tgt Ion:168 Resp: 90732

Ion Ratio Lower Upper

168 100

139 36.7 30.1 45.1

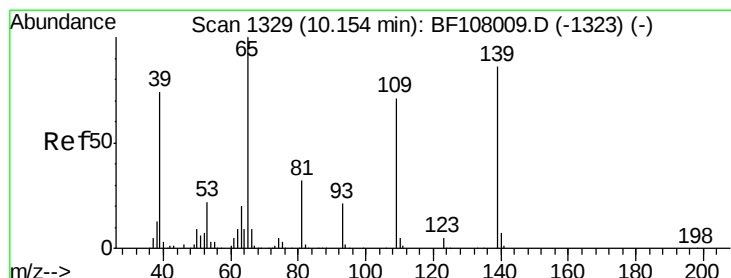
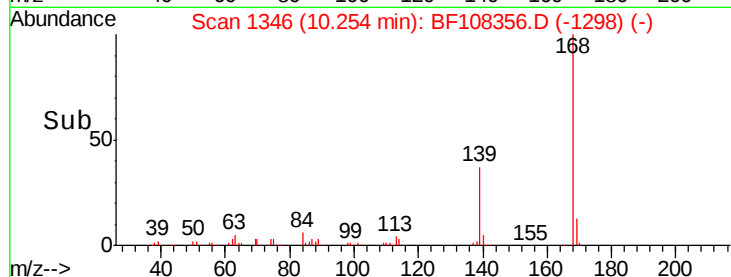
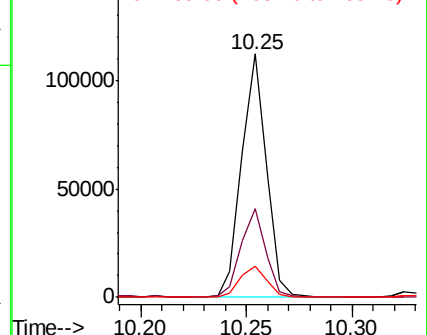
169 12.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 3.835 ng

RT: 10.15 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

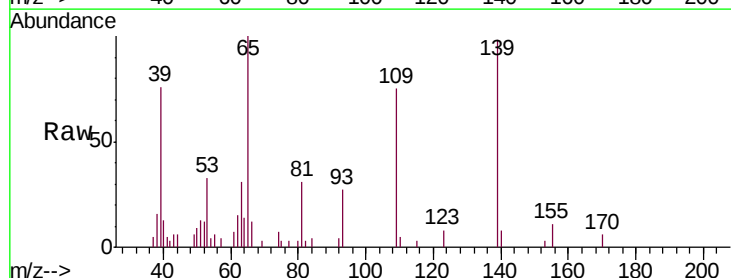
Tgt Ion:139 Resp: 13385

Ion Ratio Lower Upper

139 100

109 76.3 48.4 88.4

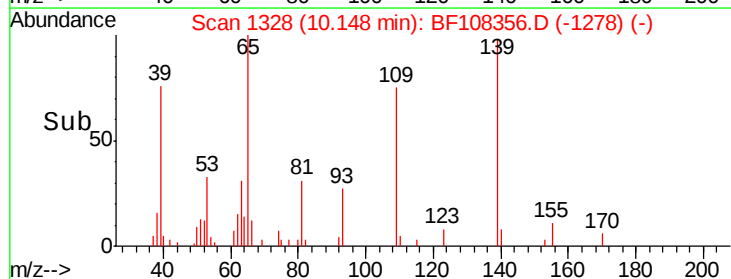
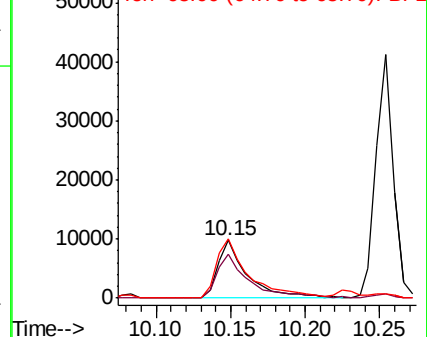
65 102.2 72.6 112.6

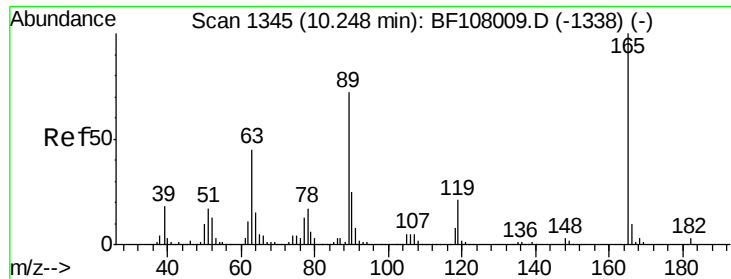


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

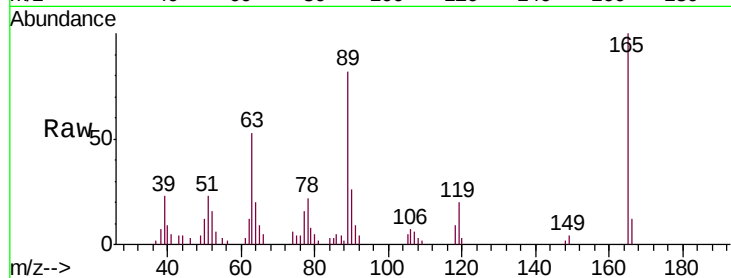




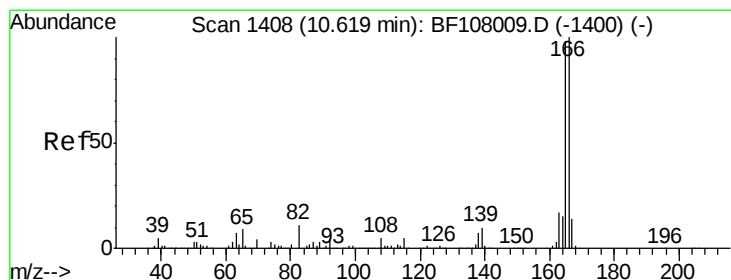
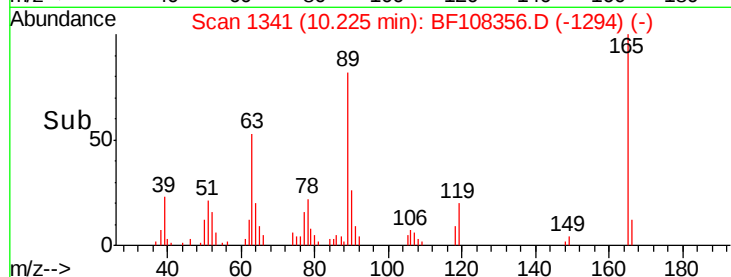
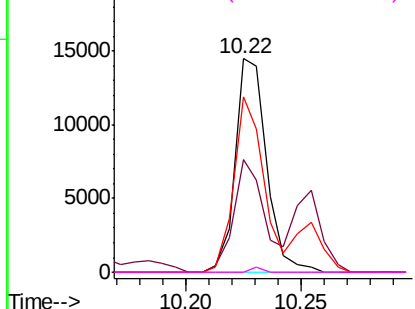
#56
2,4-Dinitrotoluene
Concen: 2.542 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:165 Resp: 13784
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 82.2 57.8 86.6
182 0.0 1.6 2.4#

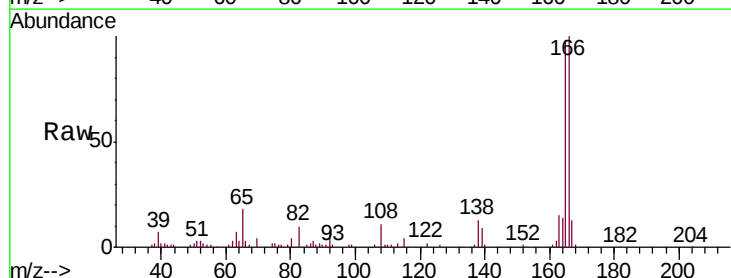


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

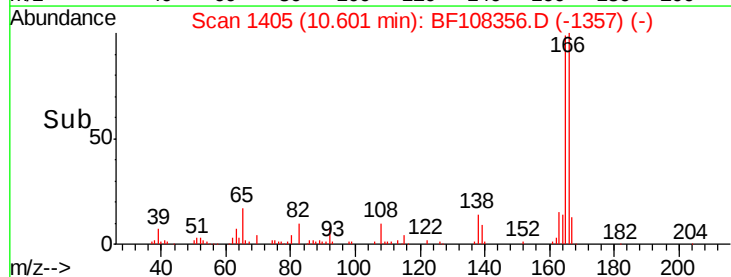
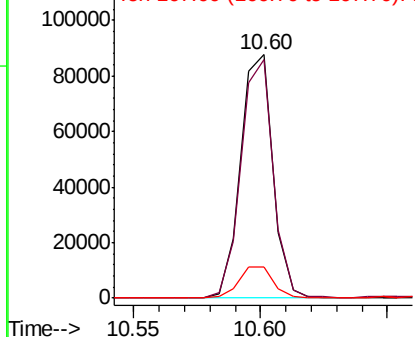


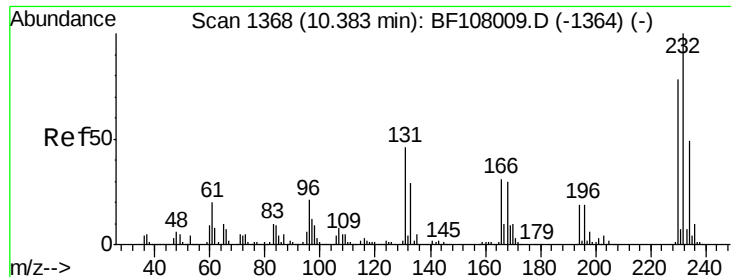
#57
Fluorene
Concen: 4.139 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:166 Resp: 77432
Ion Ratio Lower Upper
166 100
165 98.1 79.8 119.8
167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

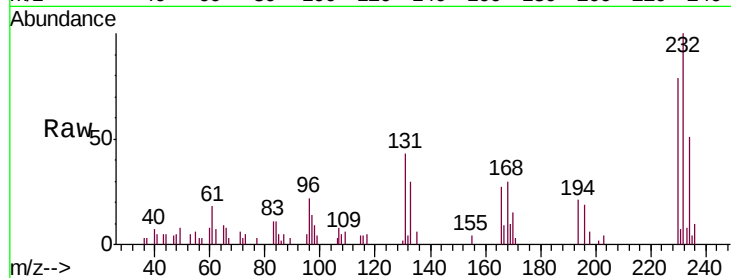




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.409 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.7	43.8	65.8#
130	2.0	2.1	3.1#
166	25.8	27.8	41.6#



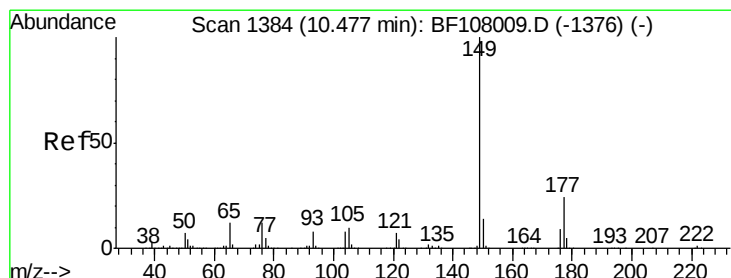
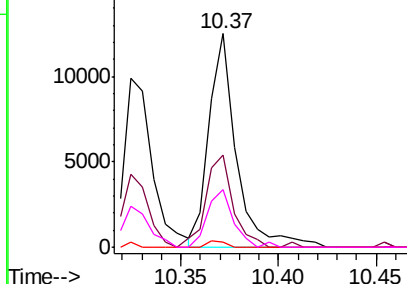
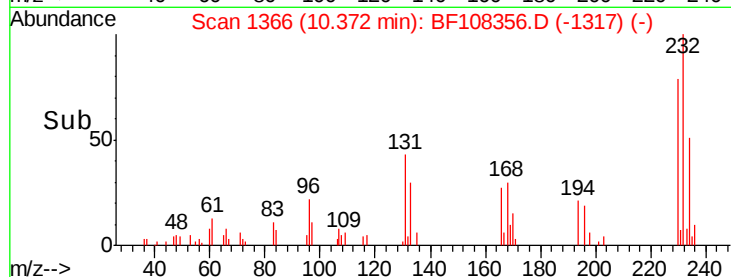
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

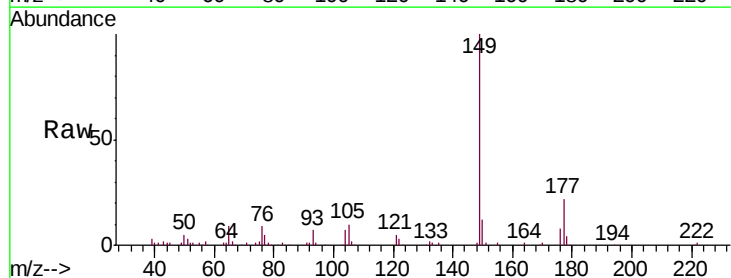
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 3.382 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.2	10.1	15.1

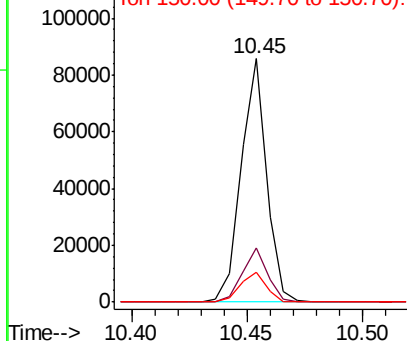
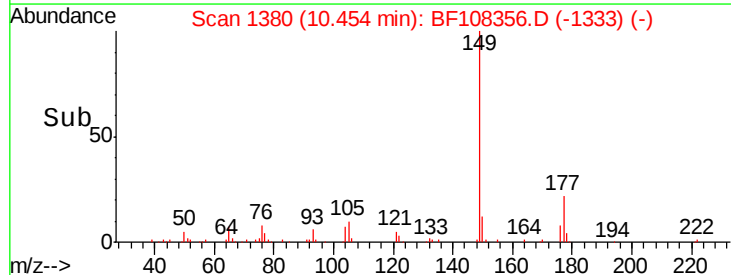


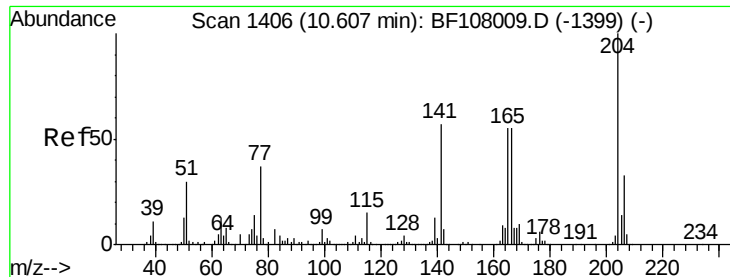
Abundance

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

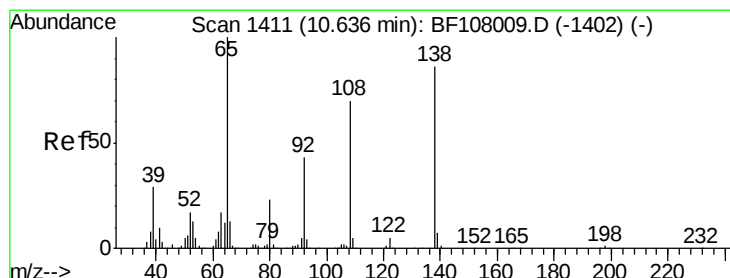
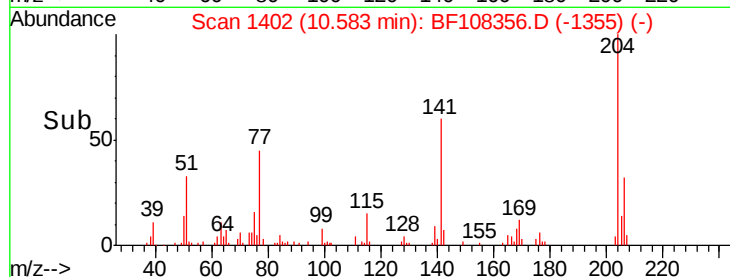
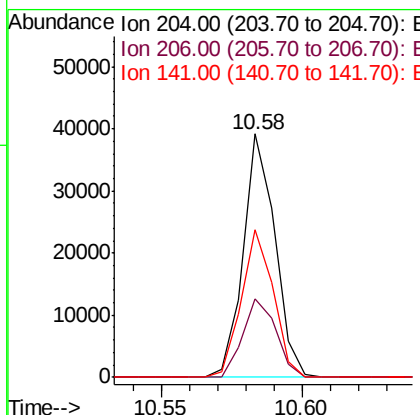
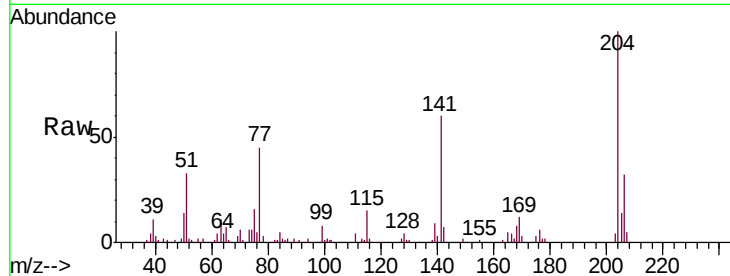




#60
 4-Chlorophenyl-phenylether
 Concen: 3.128 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

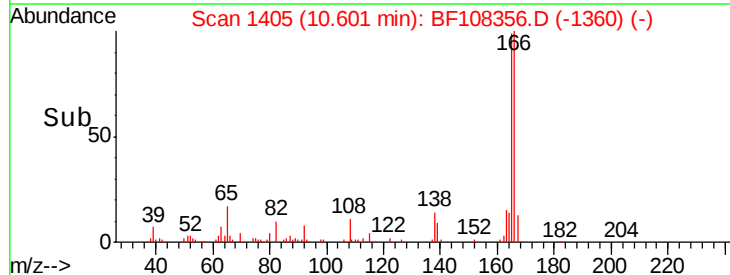
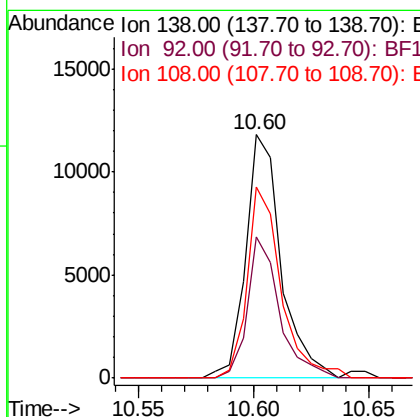
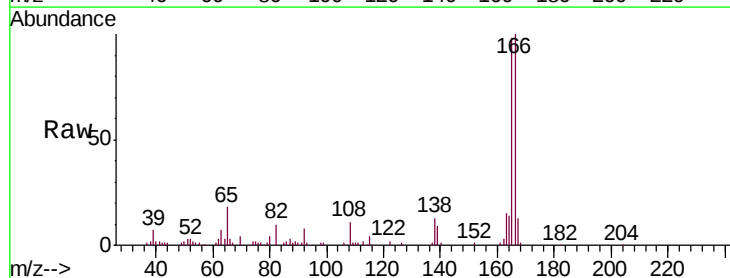
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

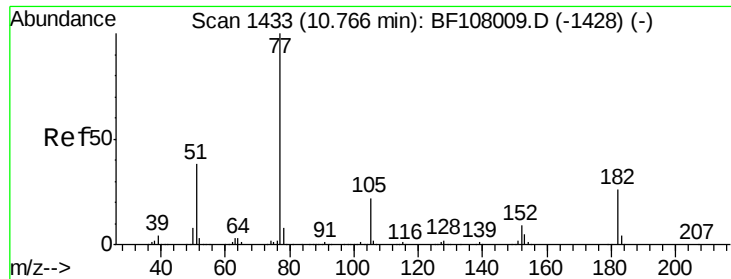
Tgt Ion: 204 Resp: 30488
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.5 39.7
 141 60.5 54.6 81.8



#61
 4-Nitroaniline
 Concen: 2.774 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.04 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion: 138 Resp: 12643
 Ion Ratio Lower Upper
 138 100
 92 57.8 30.2 70.2
 108 78.4 52.5 92.5

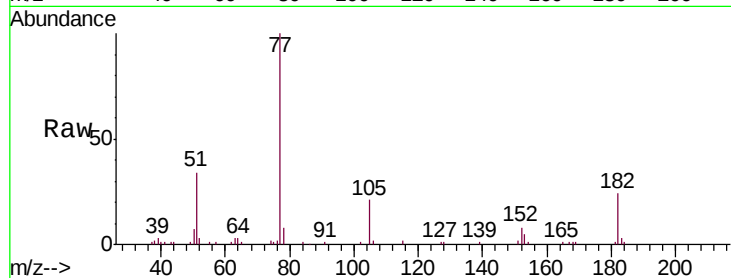




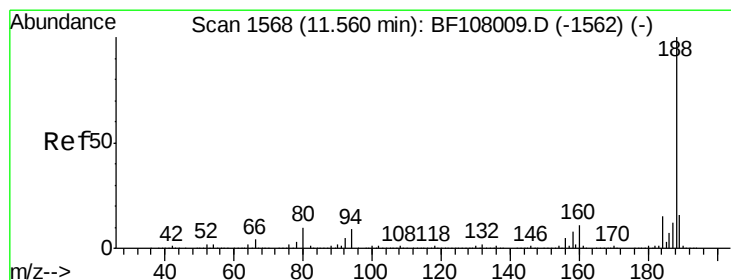
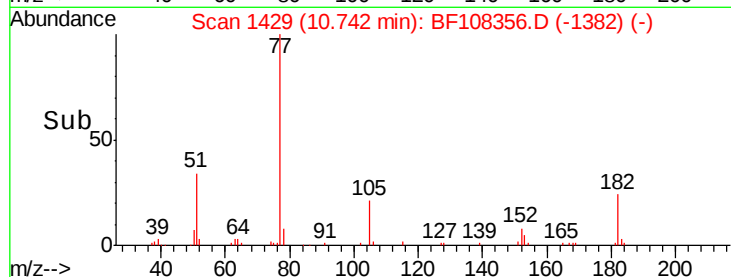
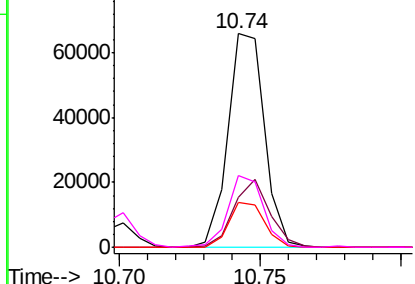
#62
Azobenzene
Concen: 2.948 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:	77	Resp:	59366
Ion	Ratio	Lower	Upper
77	100		
182	23.6	1.7	41.7
105	21.0	3.0	43.0
51	33.8	9.9	49.9

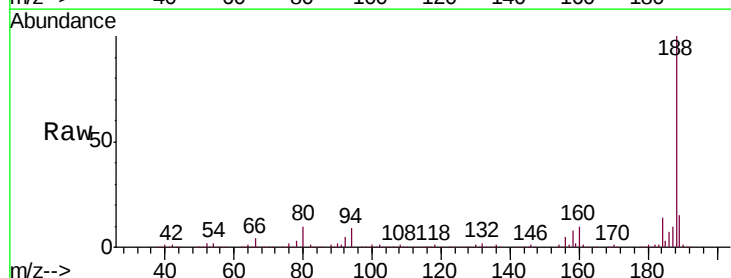


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

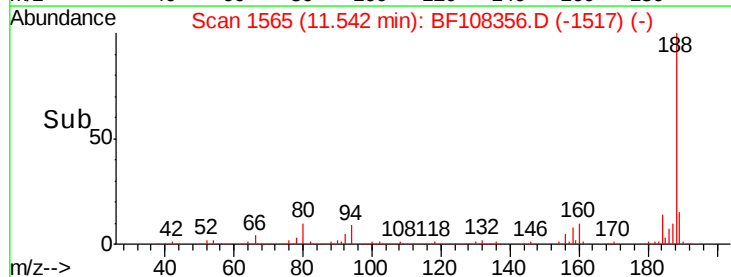
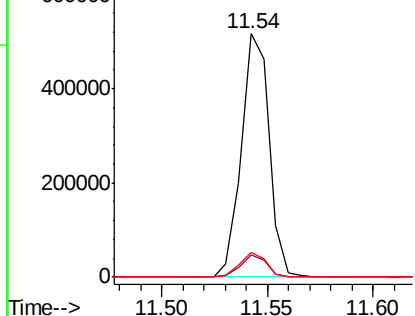


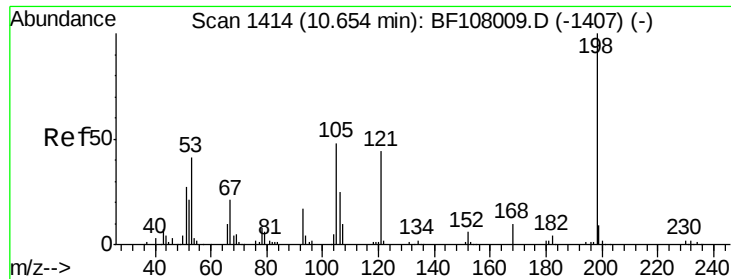
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:	188	Resp:	471071
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

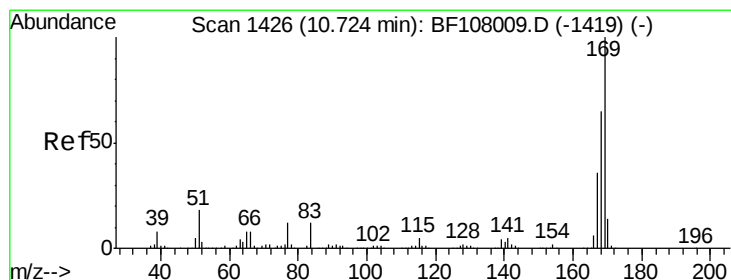
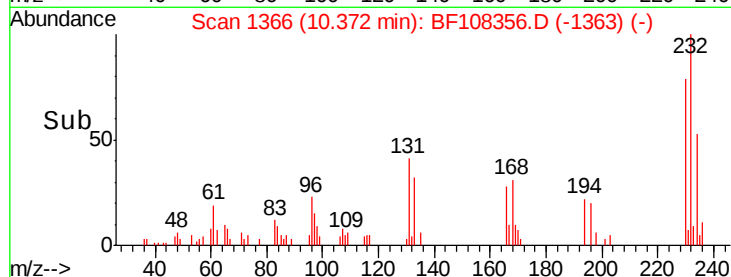
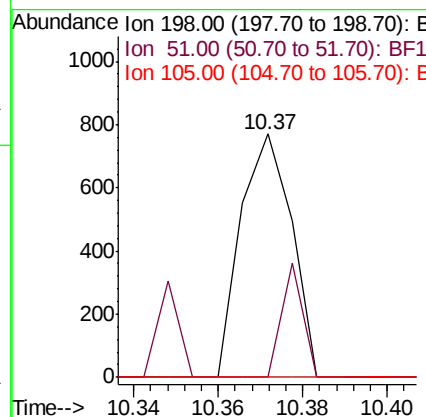
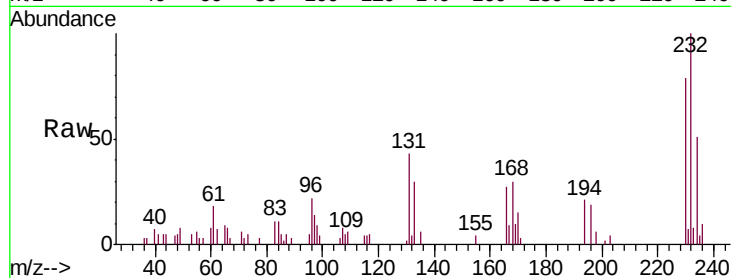




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.681 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.28 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

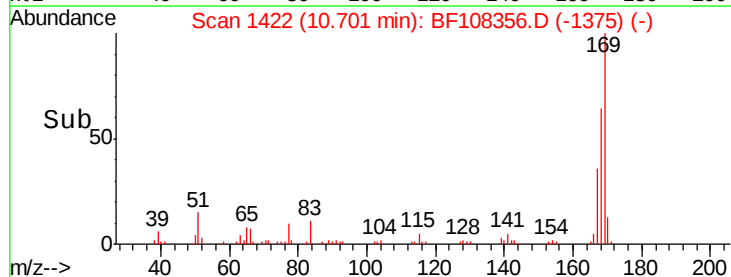
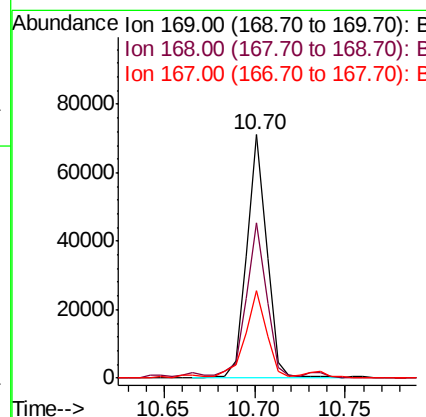
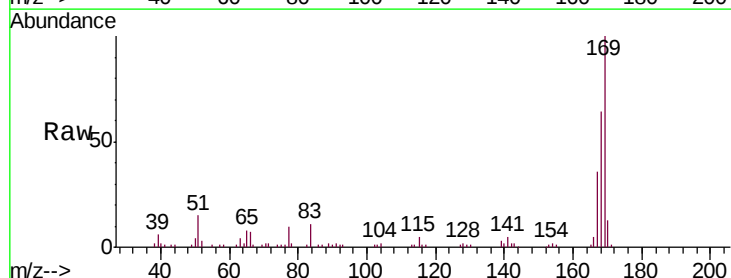
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

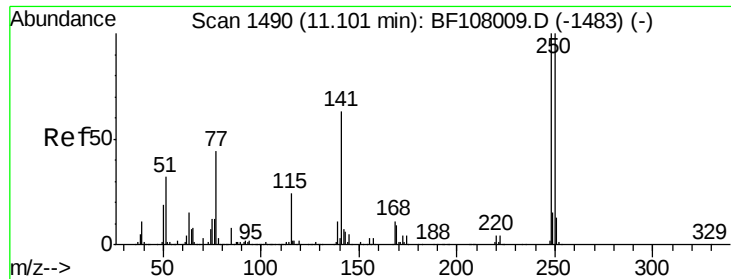
Tgt Ion:198 Resp: 642
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 3.952 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:169 Resp: 55012
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 36.2 29.8 44.6

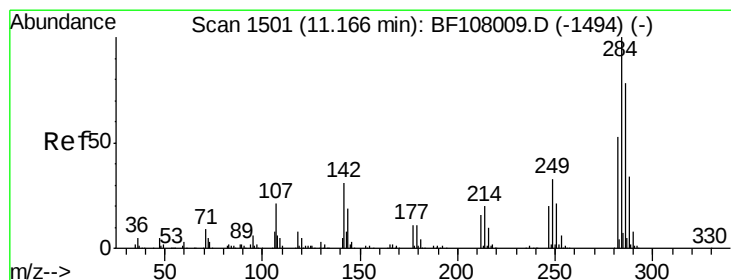
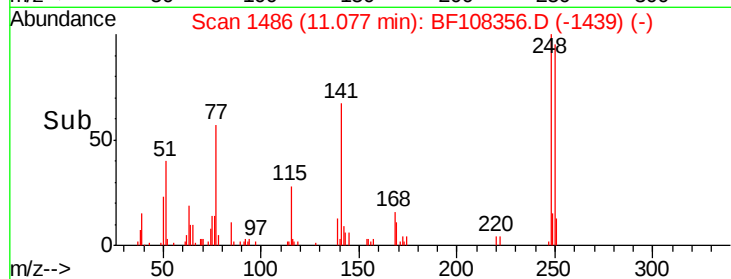
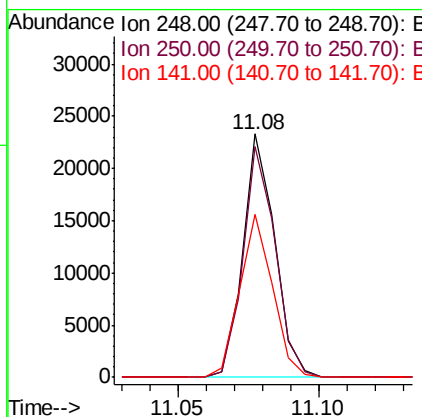
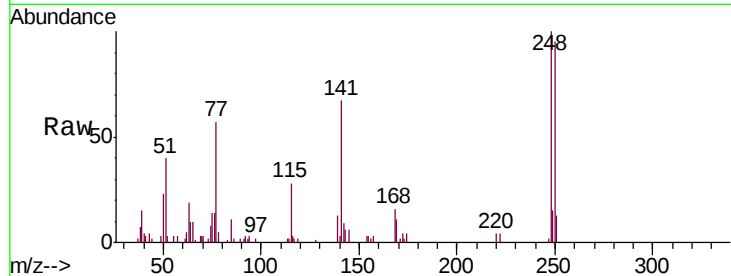




#66
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

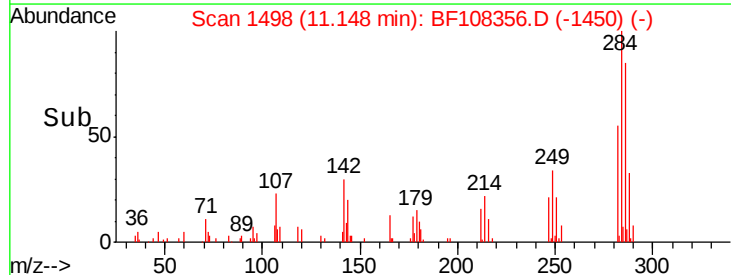
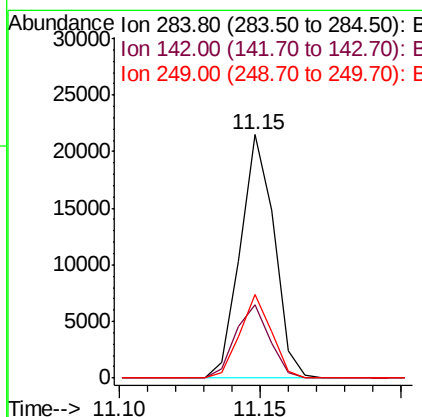
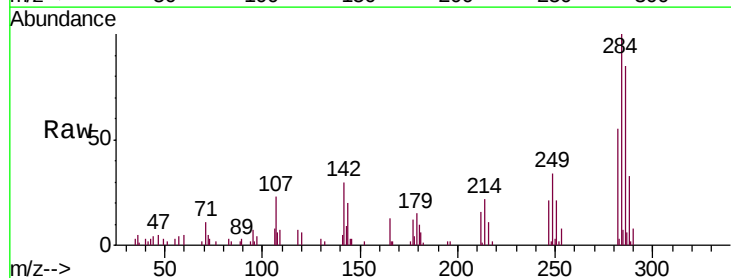
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

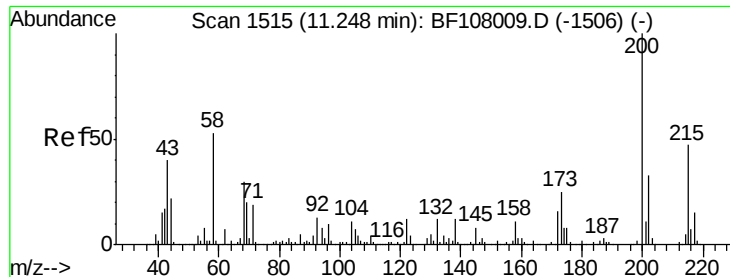
Tgt Ion:248 Resp: 18206
Ion Ratio Lower Upper
248 100
250 94.6 76.9 115.3
141 66.8 74.4 111.6#



#67
Hexachlorobenzene
Concen: 3.330 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:284 Resp: 17938
Ion Ratio Lower Upper
284 100
142 30.1 34.6 52.0#
249 34.4 24.8 37.2

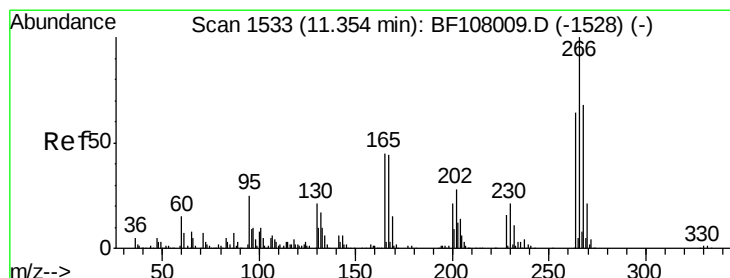
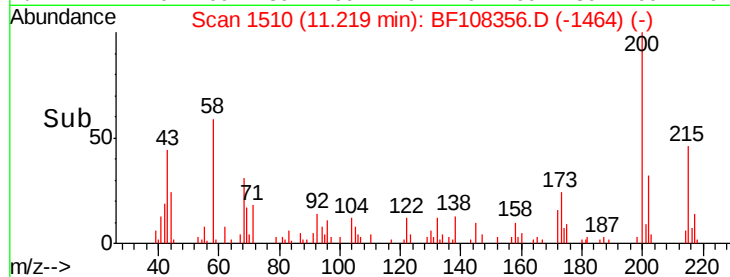
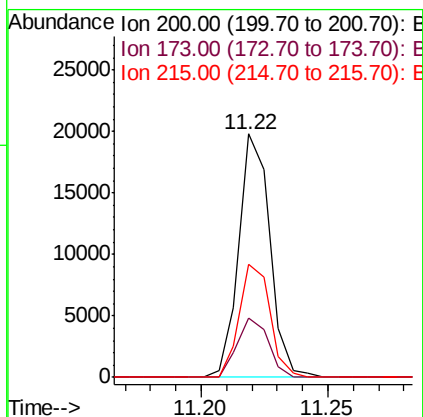
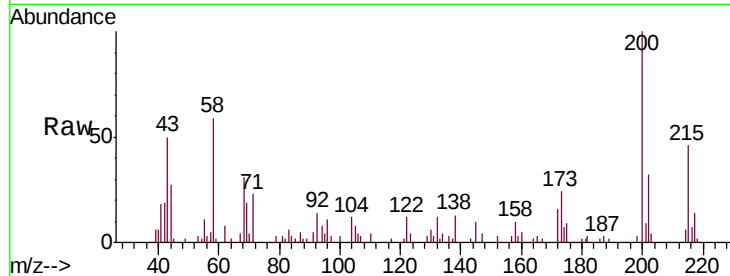




#68
Atrazine
Concen: 3.620 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

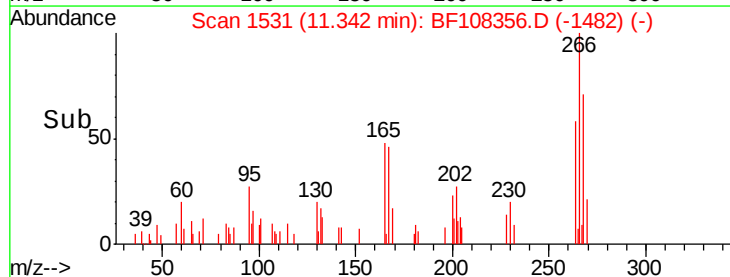
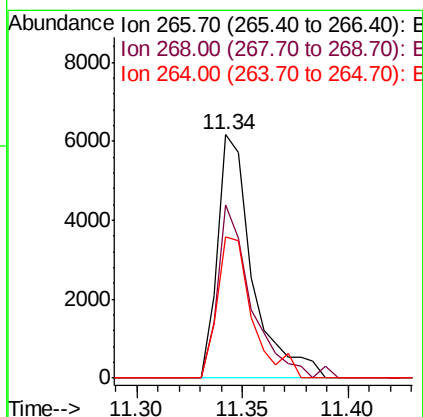
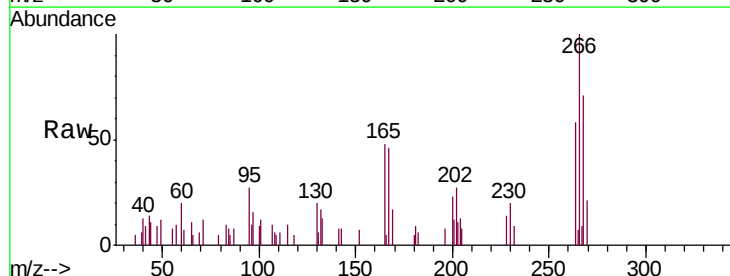
Instrument :
BNA_F
ClientSampleId :
RT2286MSD

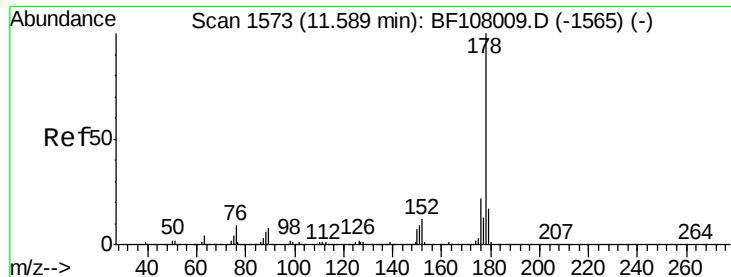
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	8.6	48.6
215	46.2	25.1	65.1



#69
Pentachlorophenol
Concen: 2.760 ng
RT: 11.34 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.1	51.1	76.7
264	58.0	49.5	74.3





#70

Phenanthrene

Concen: 8.847 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

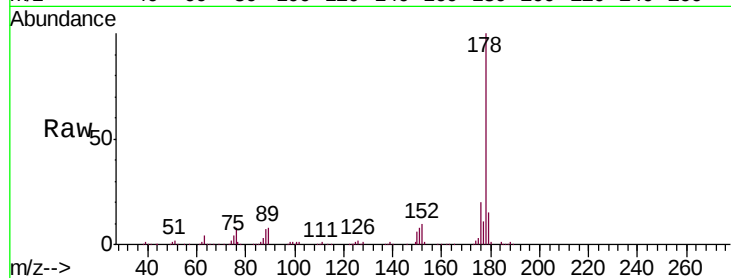
Tgt Ion:178 Resp: 196563

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

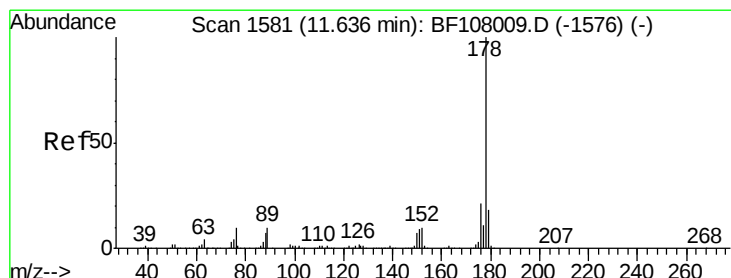
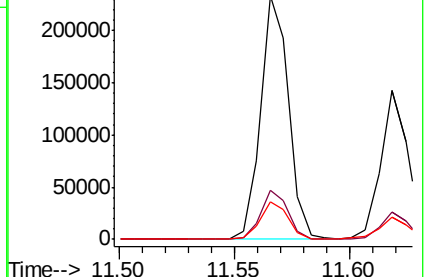
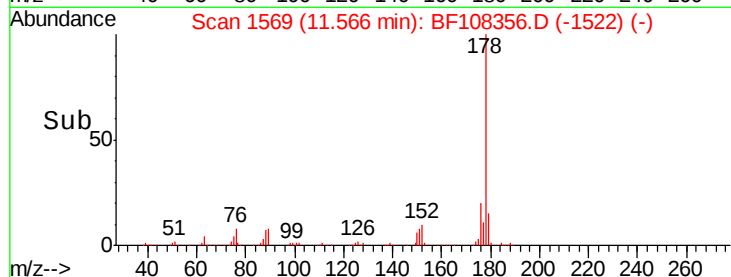
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.238 ng

RT: 11.62 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

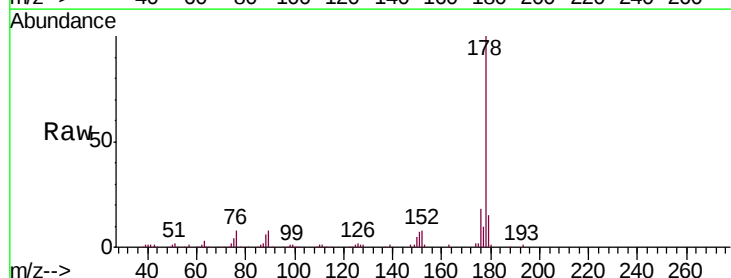
Tgt Ion:178 Resp: 119279

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

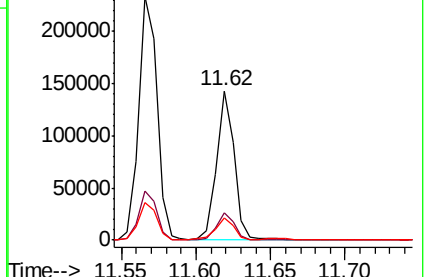
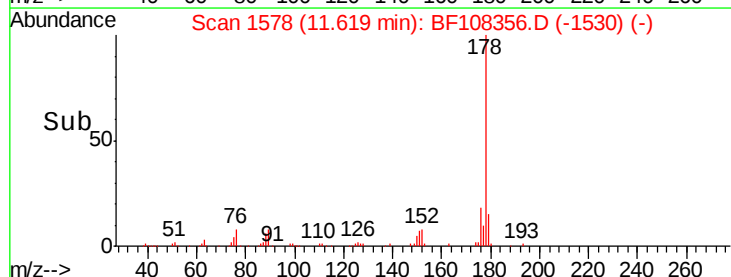
179 14.8 12.6 19.0

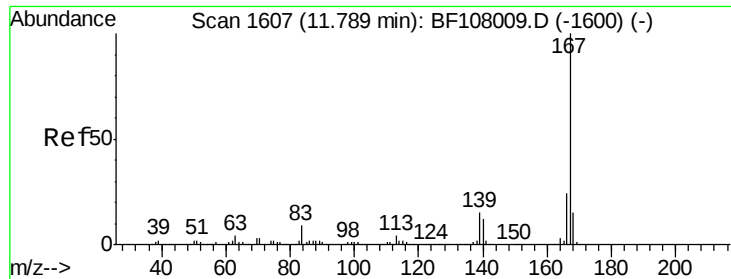


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

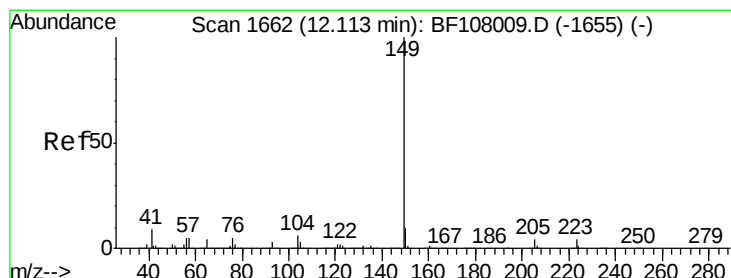
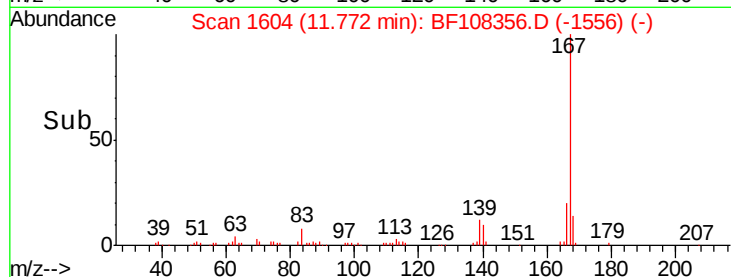
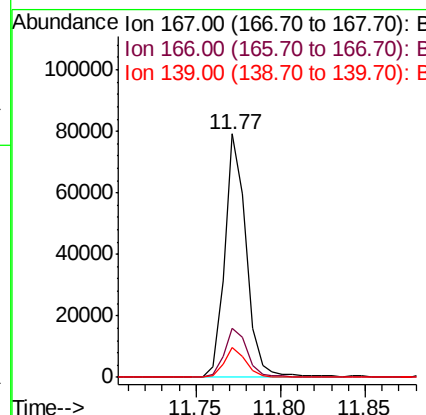
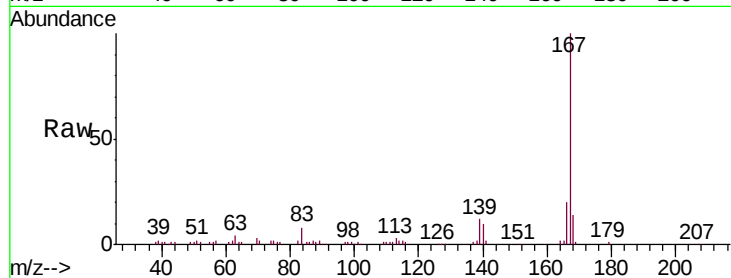




#72
 Carbazole
 Concen: 3.480 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

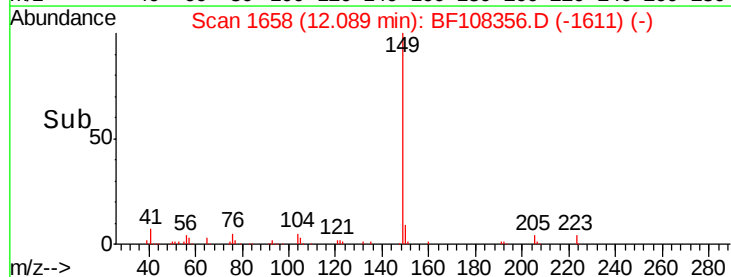
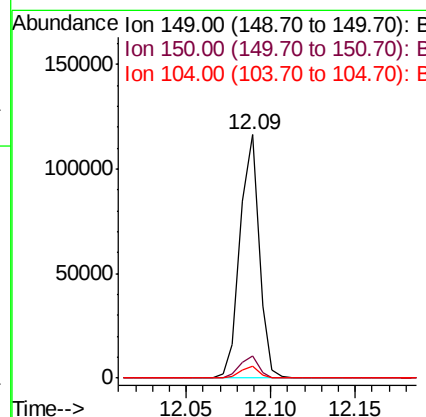
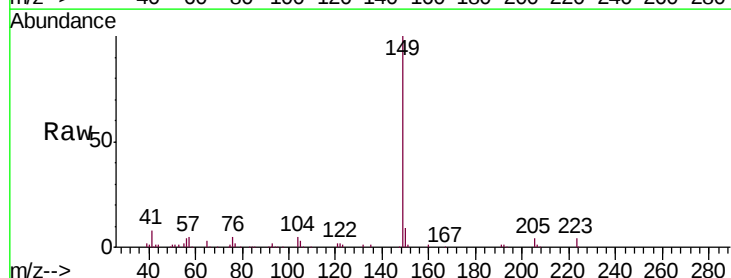
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

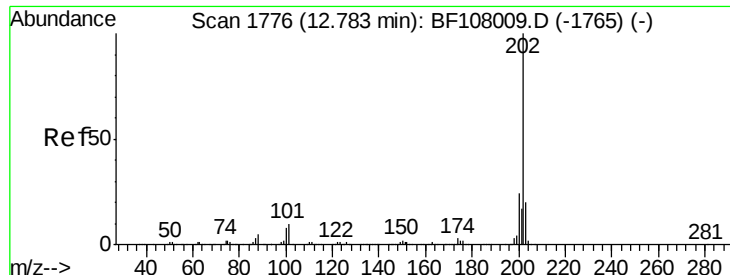
Tgt Ion:167 Resp: 70405
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.6 26.4
 139 12.5 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 4.009 ng
 RT: 12.09 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:149 Resp: 91877
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.7 3.8 5.8

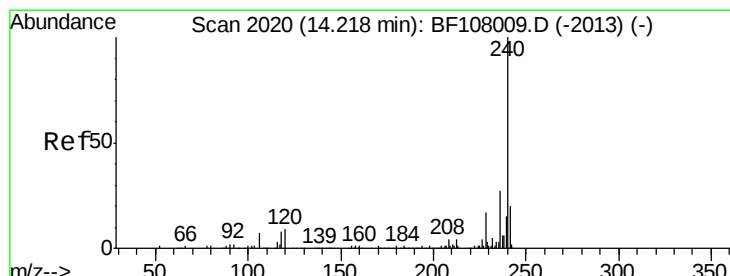
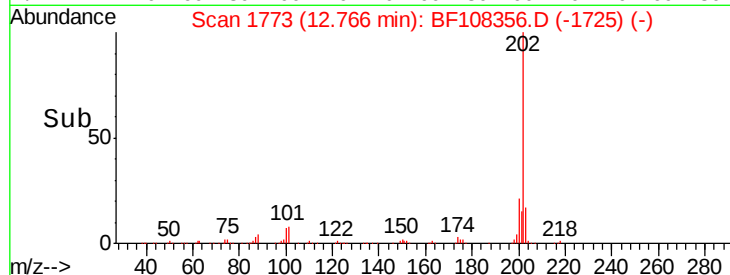
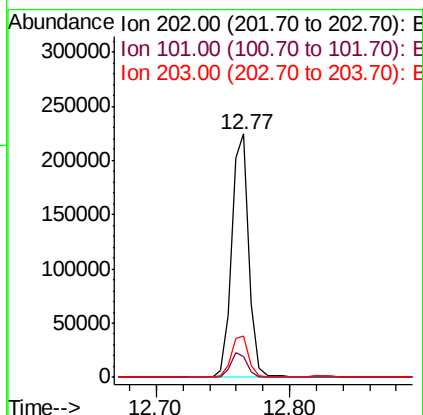
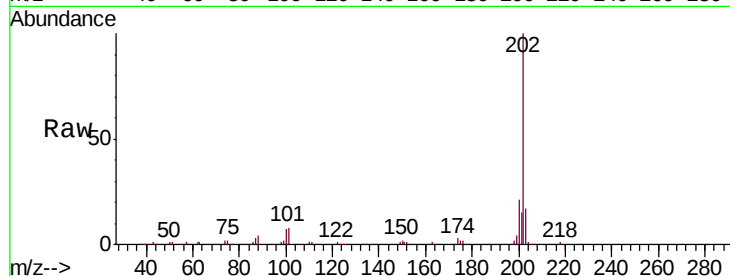




#74
 Fluoranthene
 Concen: 8.359 ng
 RT: 12.77 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

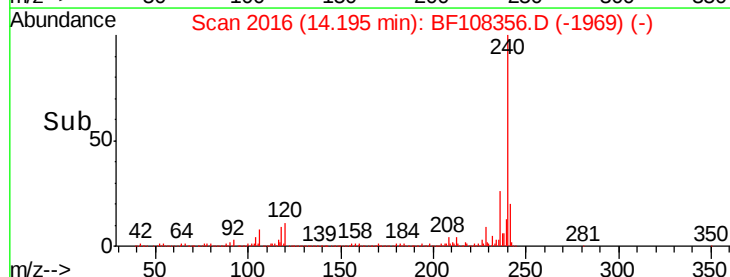
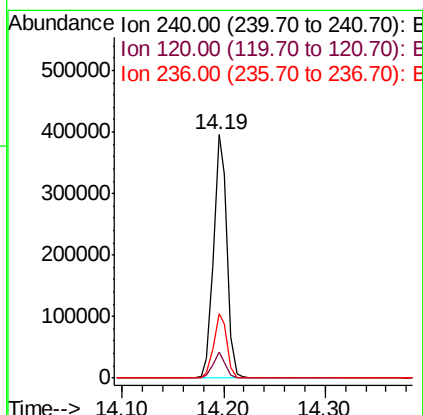
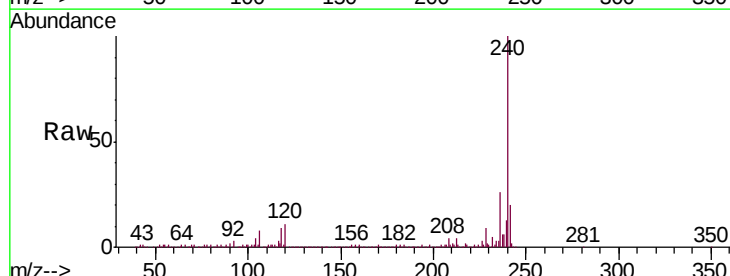
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

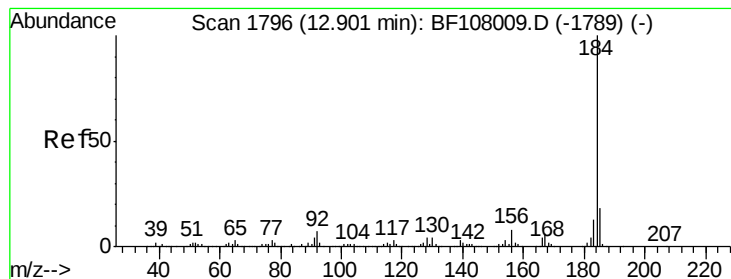
Tgt Ion:	202	Resp:	202707
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.1
203	17.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF108356.D
 Acq: 21 Aug 2018 23:52

Tgt Ion:	240	Resp:	361598
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.4	20.7	31.1





#76

Benzidine

Concen: 2.006 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

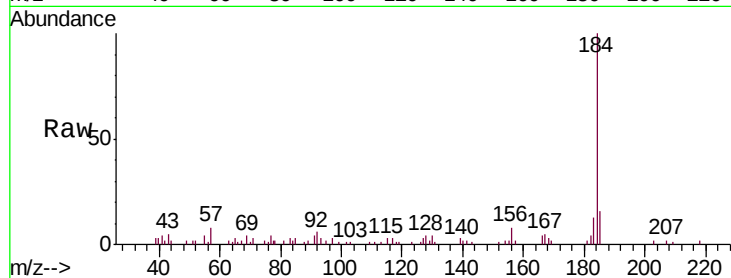
BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:184 Resp: 27107

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	18.8
183	13.4	9.3	13.9

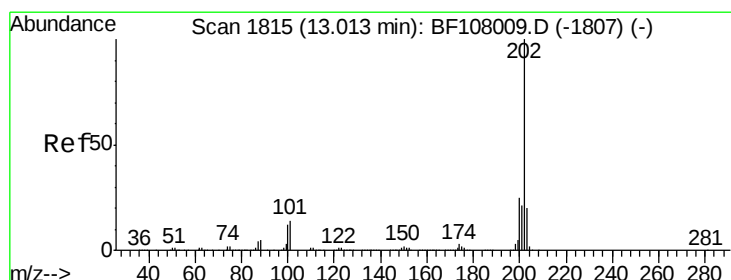
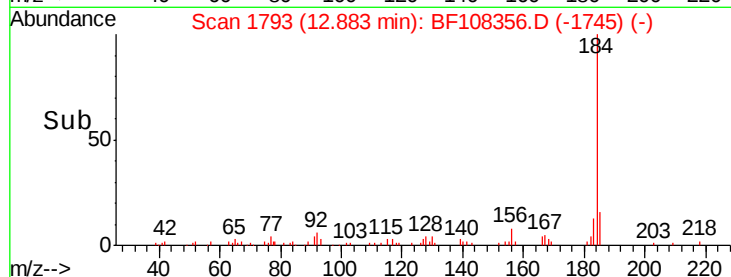
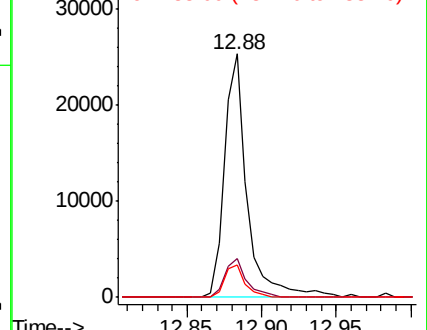


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 8.031 ng

RT: 13.00 min Scan# 1812

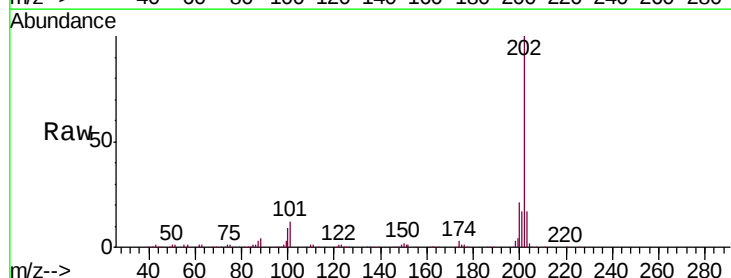
Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Tgt Ion:202 Resp: 183859

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.0	14.3	21.5

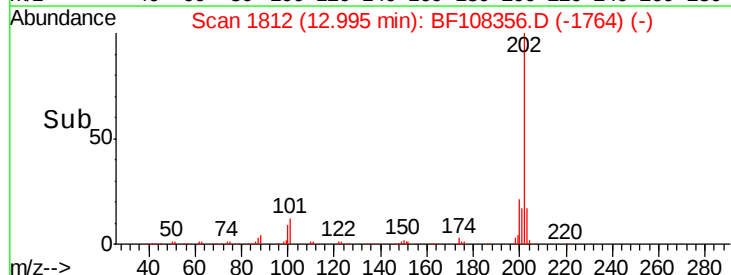
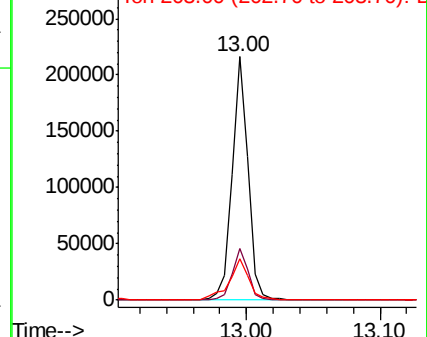


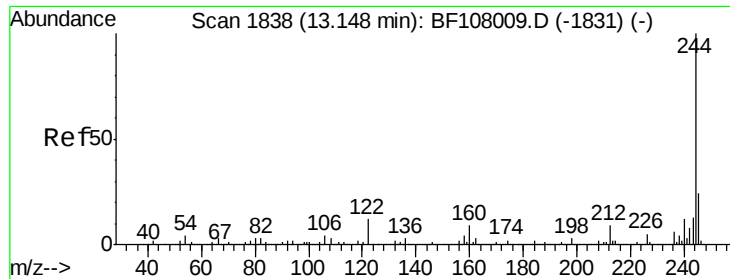
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.326 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

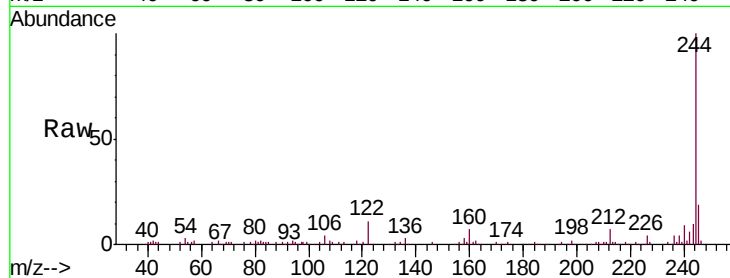
Tgt Ion:244 Resp: 104185

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

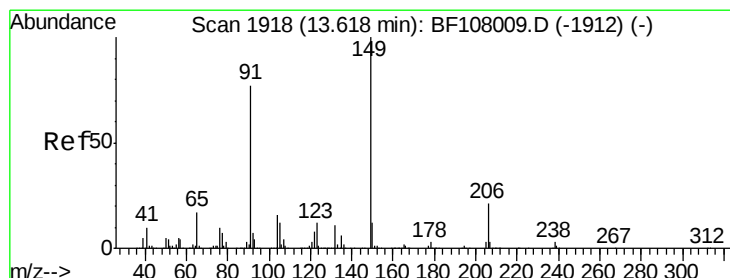
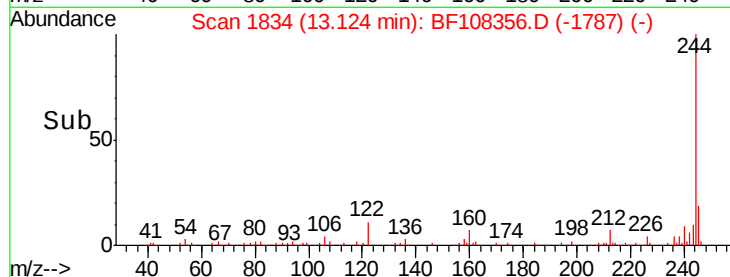
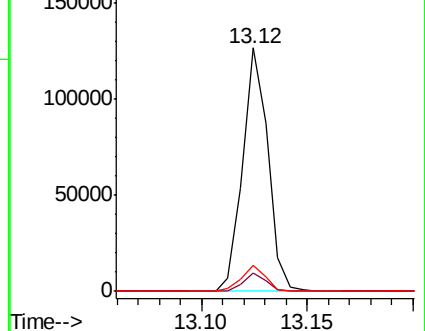
122 10.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.149 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

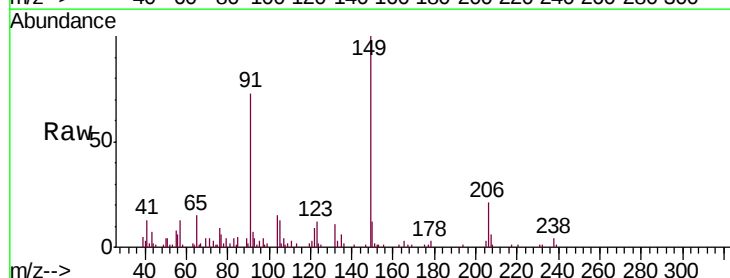
Tgt Ion:149 Resp: 28622

Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

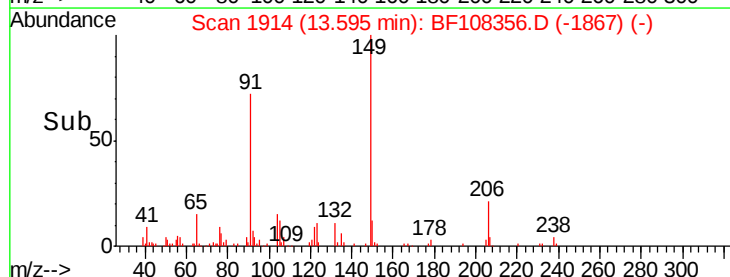
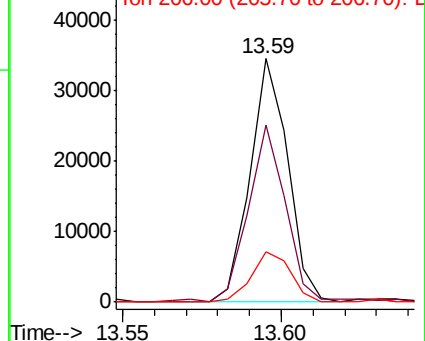
206 20.7 14.1 21.1

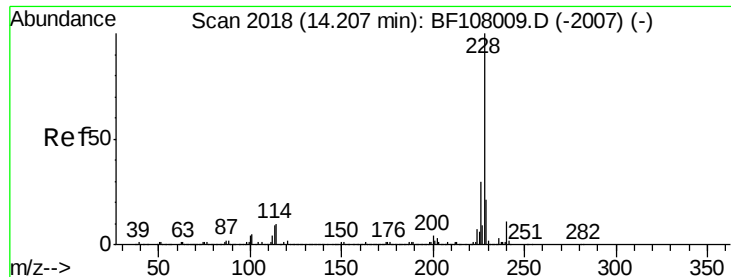


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 5.838 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

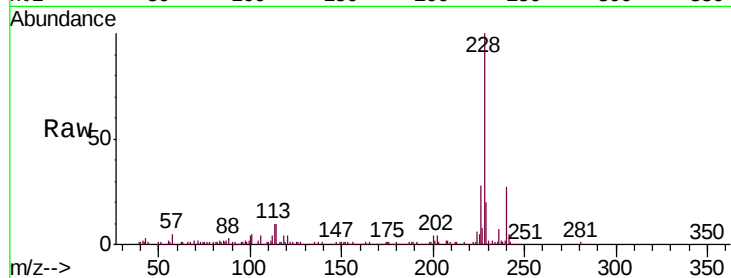
Tgt Ion:228 Resp: 121155

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

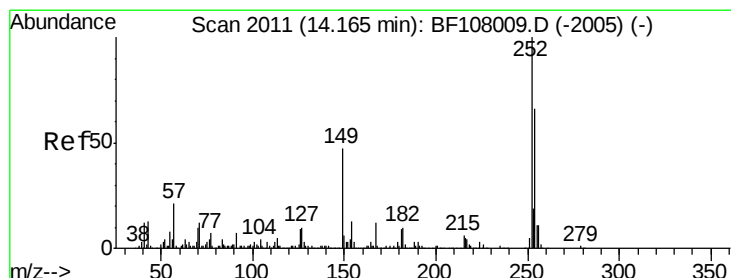
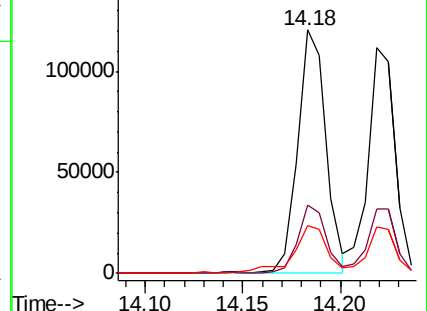
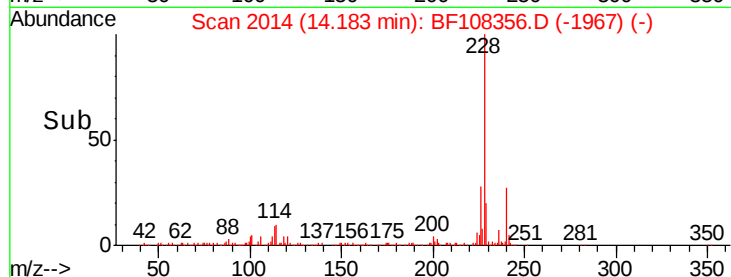
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.544 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

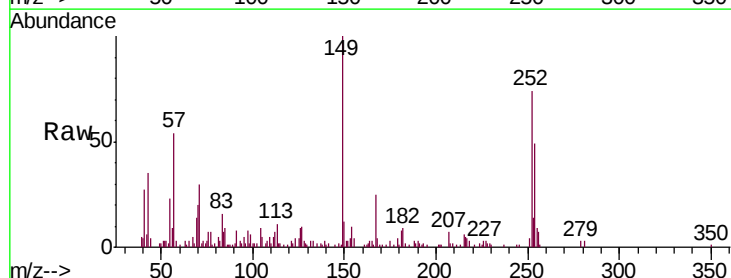
Tgt Ion:252 Resp: 18923

Ion Ratio Lower Upper

252 100

254 66.8 50.4 75.6

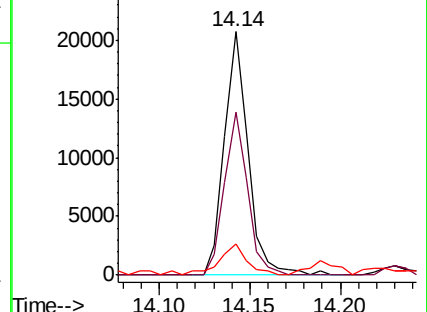
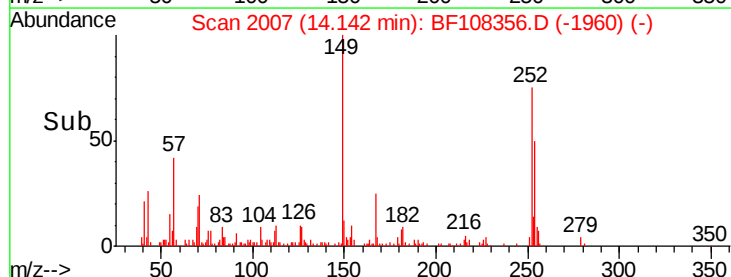
126 12.8 11.3 16.9

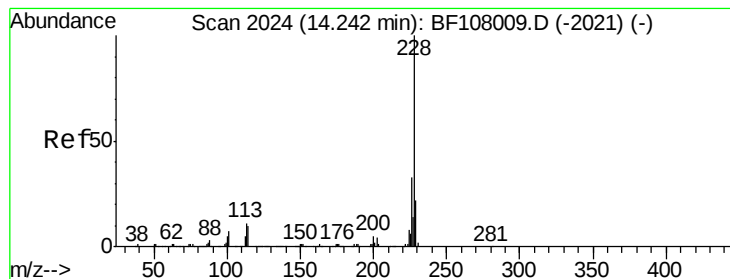


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 5.642 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

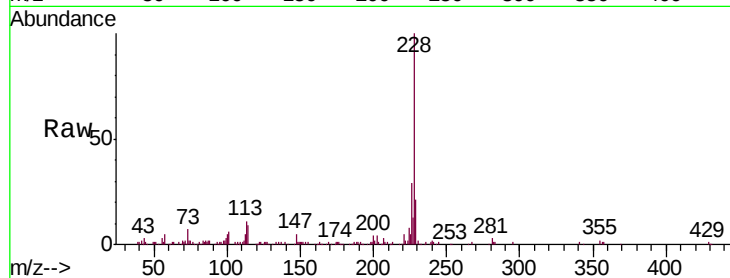
Tgt Ion:228 Resp: 107338

Ion Ratio Lower Upper

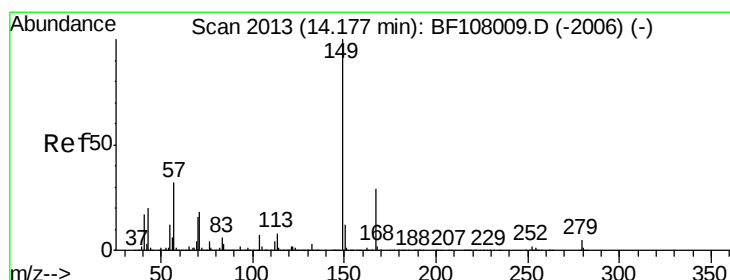
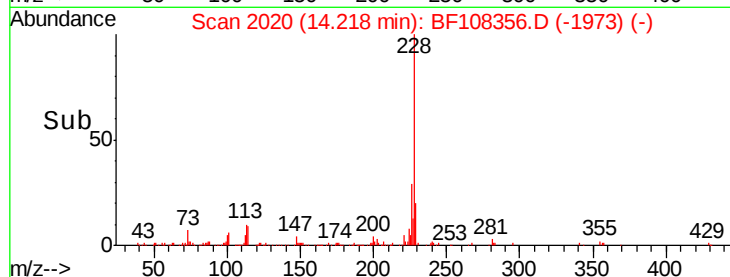
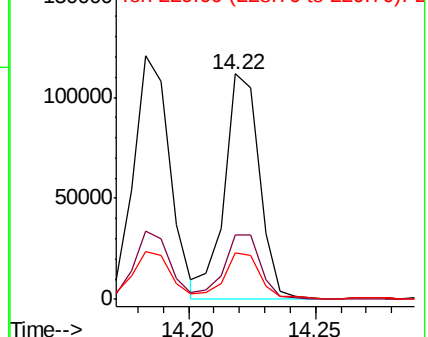
228 100

226 28.7 25.0 37.6

229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.555 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.03 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

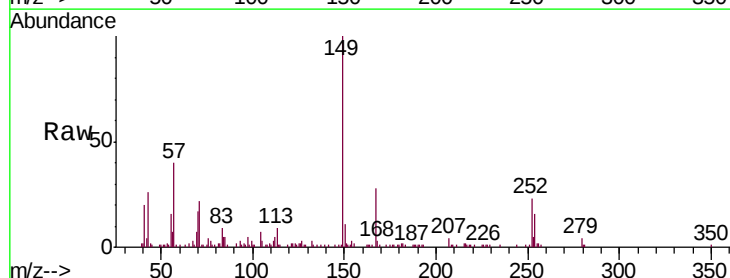
Tgt Ion:149 Resp: 43762

Ion Ratio Lower Upper

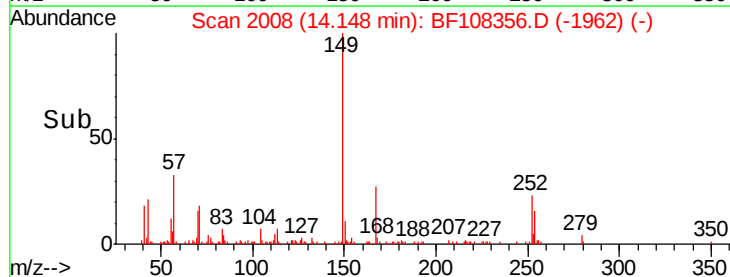
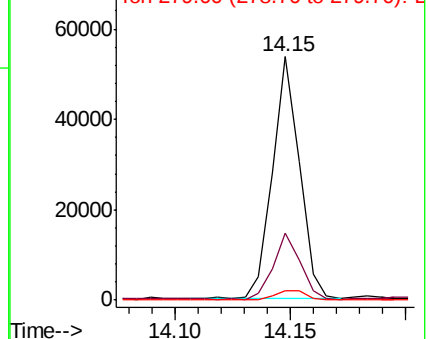
149 100

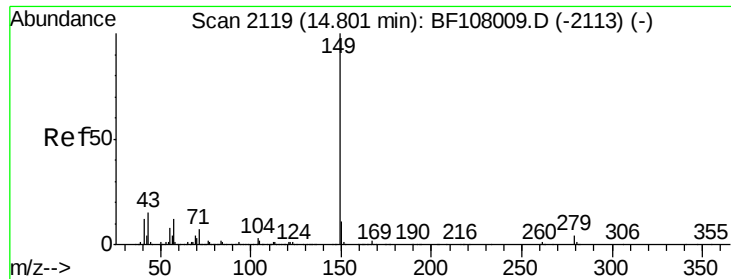
167 27.5 21.3 31.9

279 3.9 3.0 4.4



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

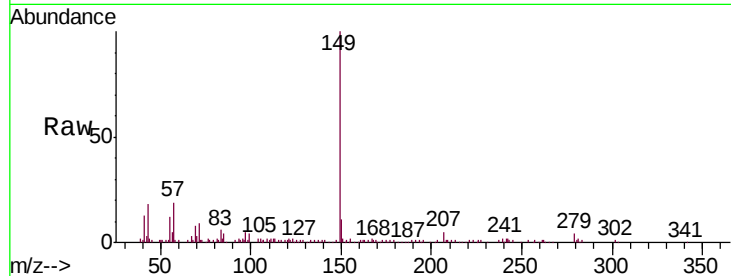




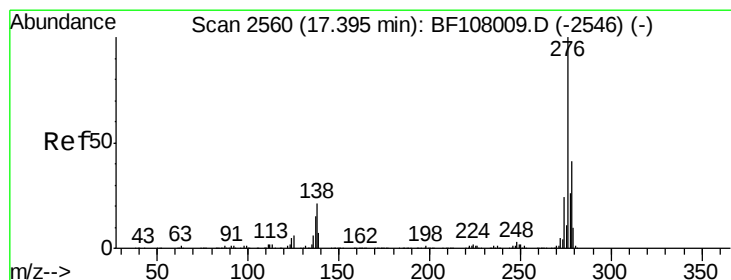
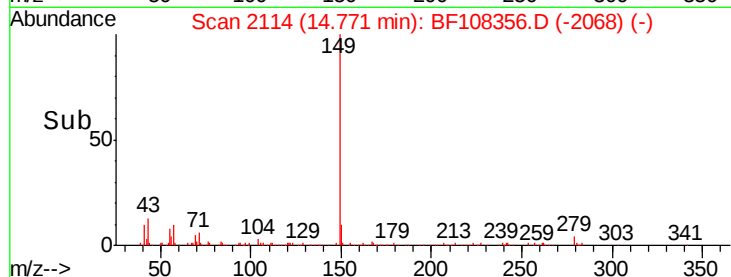
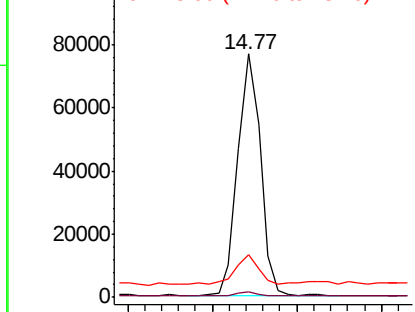
#84
Di-n-octyl phthalate
Concen: 3.857 ng
RT: 14.77 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:149 Resp: 72414
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.8 8.4 12.6#

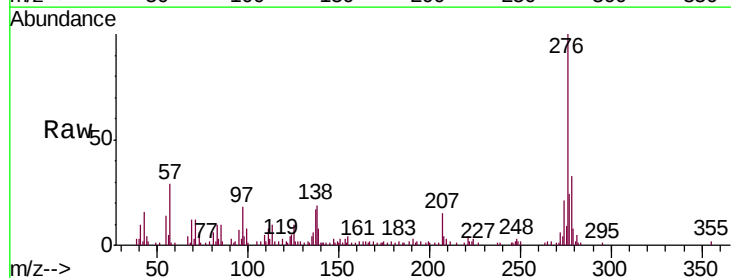


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

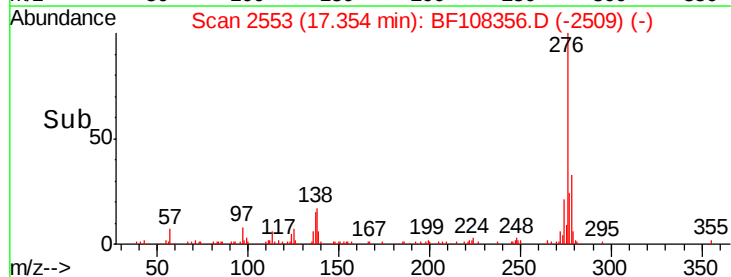
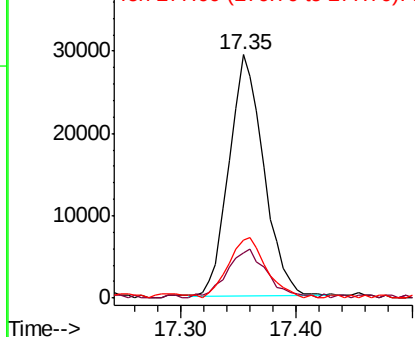


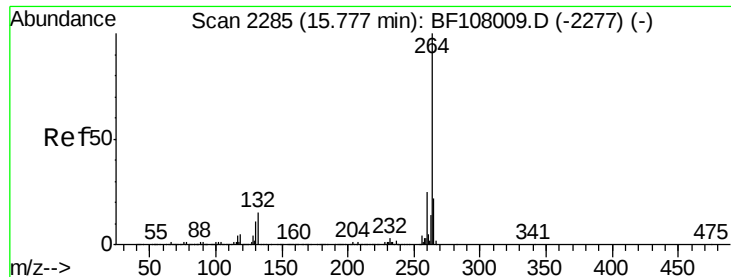
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.697 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.04 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:276 Resp: 60941
Ion Ratio Lower Upper
276 100
138 23.7 25.0 37.6#
277 27.3 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



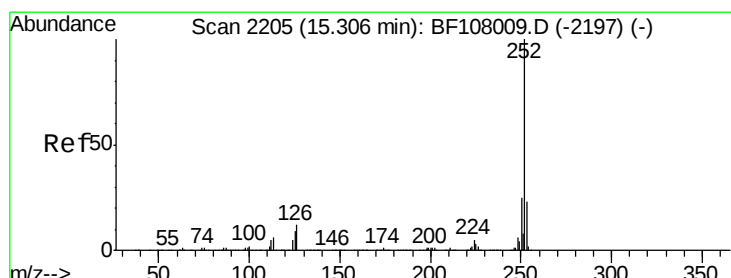
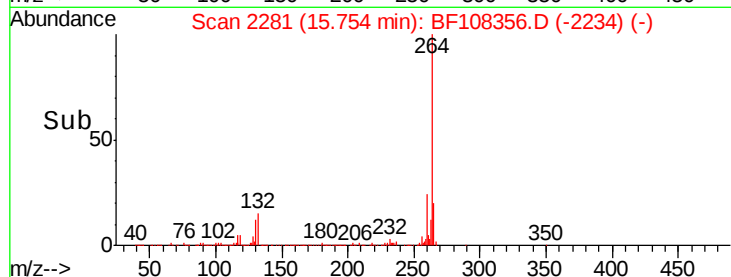
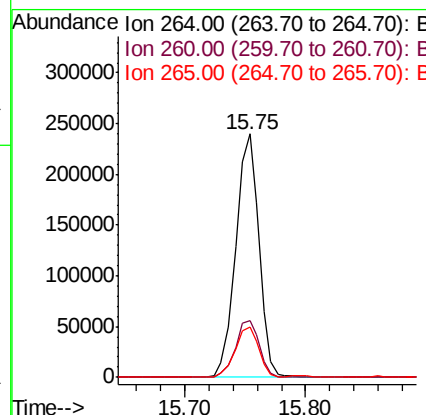
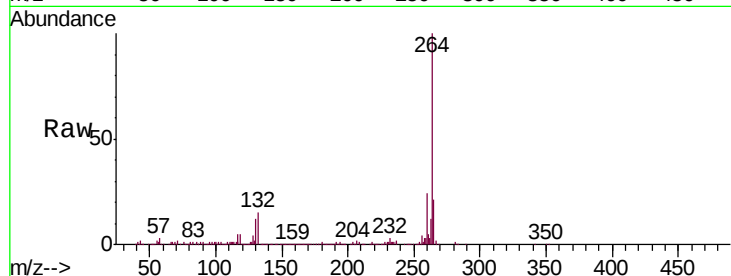


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 264 Resp: 321319

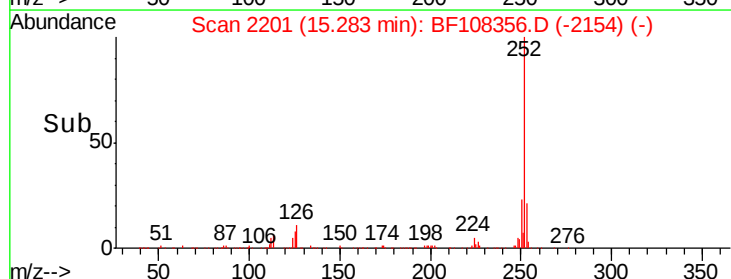
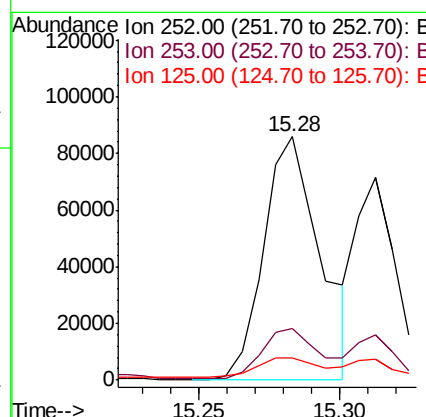
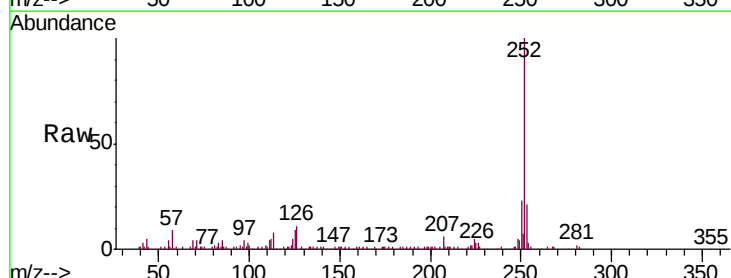
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3

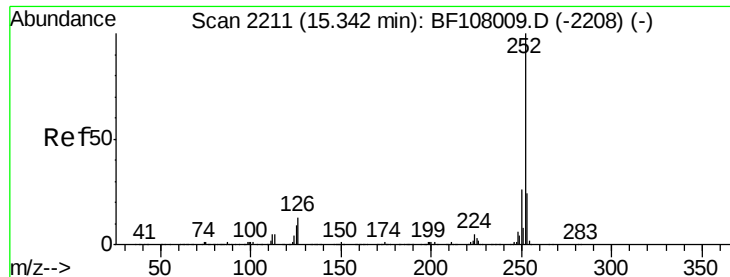


#87
Benzo(b)fluoranthene
Concen: 6.224 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 252 Resp: 119509

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	9.3	9.0	13.6

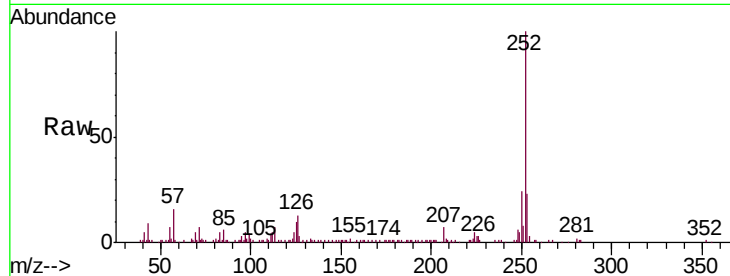




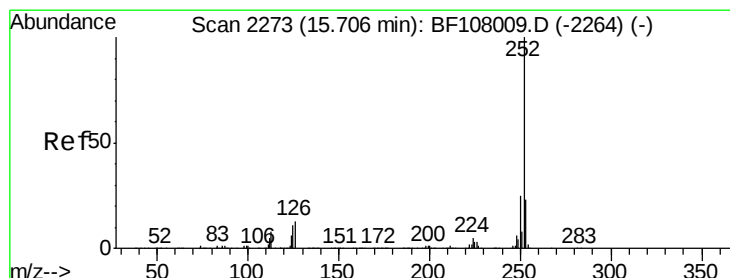
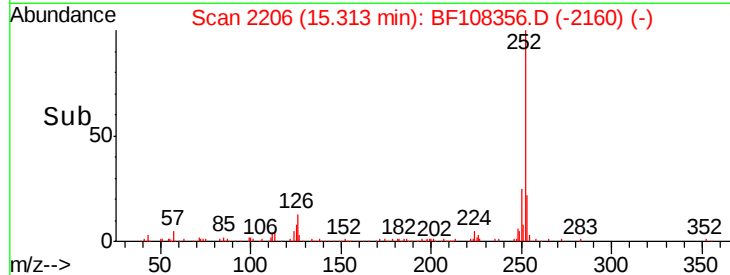
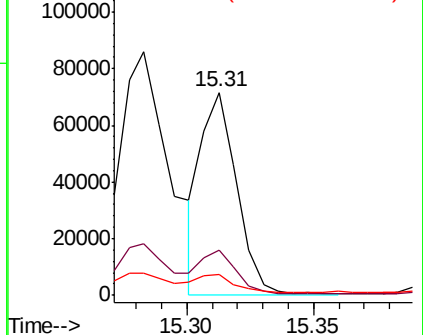
#88
Benzo(k)fluoranthene
Concen: 3.997 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:252 Resp: 70554
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.1 10.2 15.2#

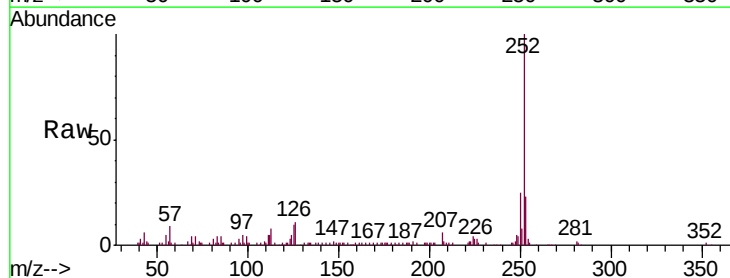


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

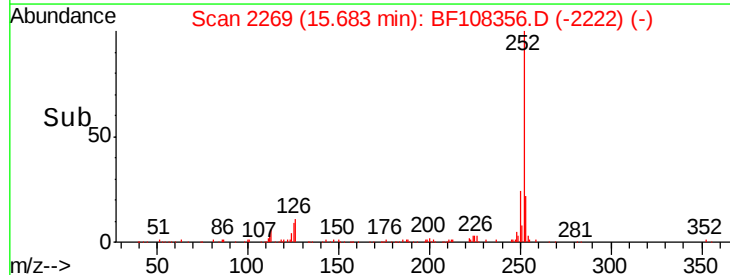
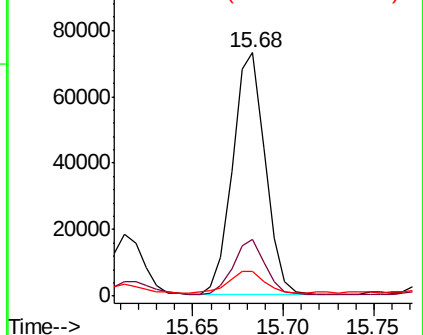


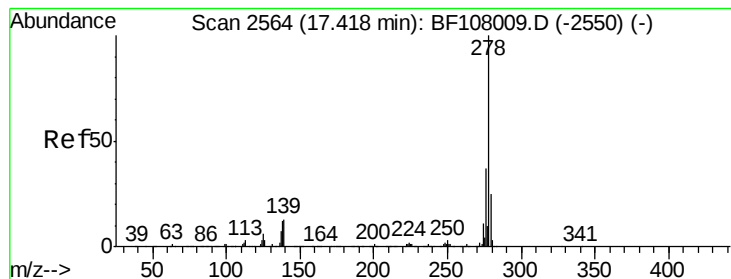
#89
Benzo(a)pyrene
Concen: 5.295 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:252 Resp: 91046
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 10.2 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: 3.044 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.05 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

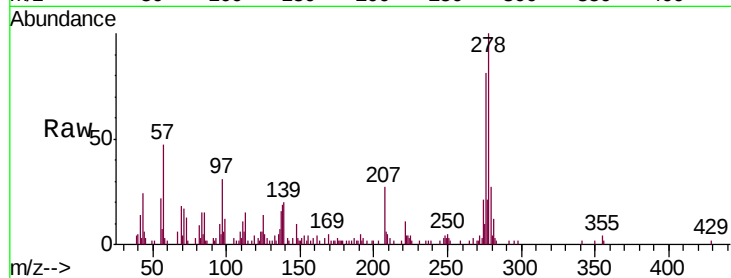
Tgt Ion:278 Resp: 43305

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

279 27.0 19.0 28.4

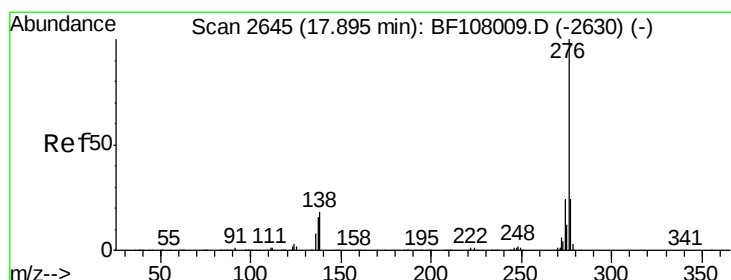
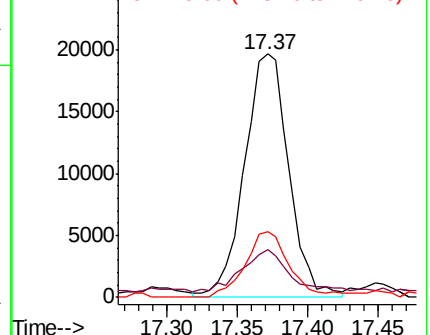
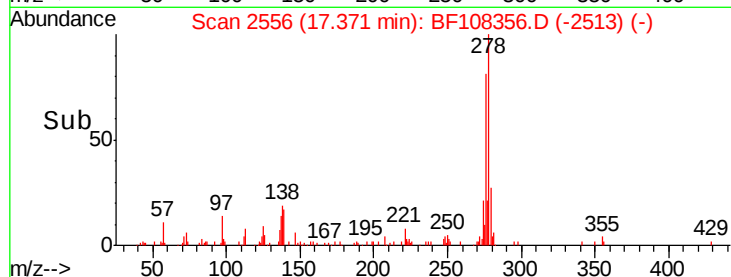


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.541 ng

RT: 17.85 min Scan# 2637

Delta R.T. -0.05 min

Lab File: BF108356.D

Acq: 21 Aug 2018 23:52

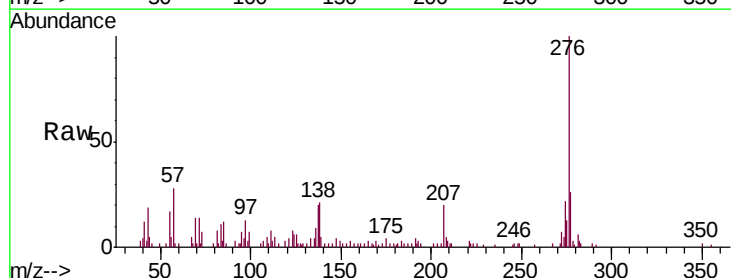
Tgt Ion:276 Resp: 49603

Ion Ratio Lower Upper

276 100

277 26.4 17.9 26.9

138 21.4 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

