

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109884.D
 Acq On : 15 Oct 2018 17:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 17:58:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	230390	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	949085	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	434604	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	783312	20.00	ng	0.00
76) Chrysene-d12	14.16	240	459862	20.00	ng	0.00
87) Perylene-d12	15.67	264	387545	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	2068730	159.38	ng	0.00
7) Phenol-d6	6.60	99	2573912	148.45	ng	0.01
23) Nitrobenzene-d5	7.55	82	2268670	131.77	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	564544	119.22	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	3441983	109.08	ng	0.00
79) Terphenyl-d14	13.10	244	3172235	133.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	629189	92.365	ng	91
3) Pyridine	3.61	79	1449430	103.135	ng	88
4) n-Nitrosodimethylamine	3.59	42	599367	118.157	ng	# 100
6) Aniline	6.65	93	1858965	92.035	ng	# 54
8) 2-Chlorophenol	6.77	128	1158425	72.570	ng	98
9) Benzaldehyde	6.53	77	684734	61.369	ng	98
10) Phenol	6.62	94	1392724	70.048	ng	# 66
11) bis(2-Chloroethyl)ether	6.72	93	1183753	71.814	ng	94
12) 1,3-Dichlorobenzene	6.92	146	1280105	70.113	ng	98
13) 1,4-Dichlorobenzene	7.00	146	1271461	63.886	ng	97
14) 1,2-Dichlorobenzene	7.16	146	1136243	65.009	ng	99
15) Benzyl Alcohol	7.12	79	1017545	79.159	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1955547	89.471	ng	68
17) 2-Methylphenol	7.22	107	974205	77.174	ng	# 81
18) Hexachloroethane	7.49	117	476031	67.669	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	839741	69.061	ng	98
20) 3+4-Methylphenols	7.38	107	1145028	73.612	ng	96
22) Acetophenone	7.39	105	1483939	64.658	ng	# 95
24) Nitrobenzene	7.57	77	1202173	67.101	ng	95
25) Isophorone	7.80	82	2087412	73.010	ng	97
26) 2-Nitrophenol	7.88	139	568270	67.812	ng	92
27) 2,4-Dimethylphenol	7.91	122	987041	81.565	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	1368836	70.782	ng	99
29) 2,4-Dichlorophenol	8.12	162	976825	71.965	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	1031905	68.674	ng	96
31) Naphthalene	8.29	128	2950830	67.228	ng	97
32) Benzoic acid	8.05	122	789556	91.258	ng	89
33) 4-Chloroaniline	8.33	127	1390551	71.941	ng	99
34) Hexachlorobutadiene	8.40	225	570092	61.020	ng	98
35) Caprolactam	8.73	113	352549	86.971	ng	# 82
36) 4-Chloro-3-methylphenol	8.81	107	1003852	70.062	ng	93
37) 2-Methylnaphthalene	8.98	142	1930832	67.156	ng	98
38) 1-Methylnaphthalene	9.08	142	1843871	64.509	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	925198	62.539	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109884.D
 Acq On : 15 Oct 2018 17:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 17:58:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

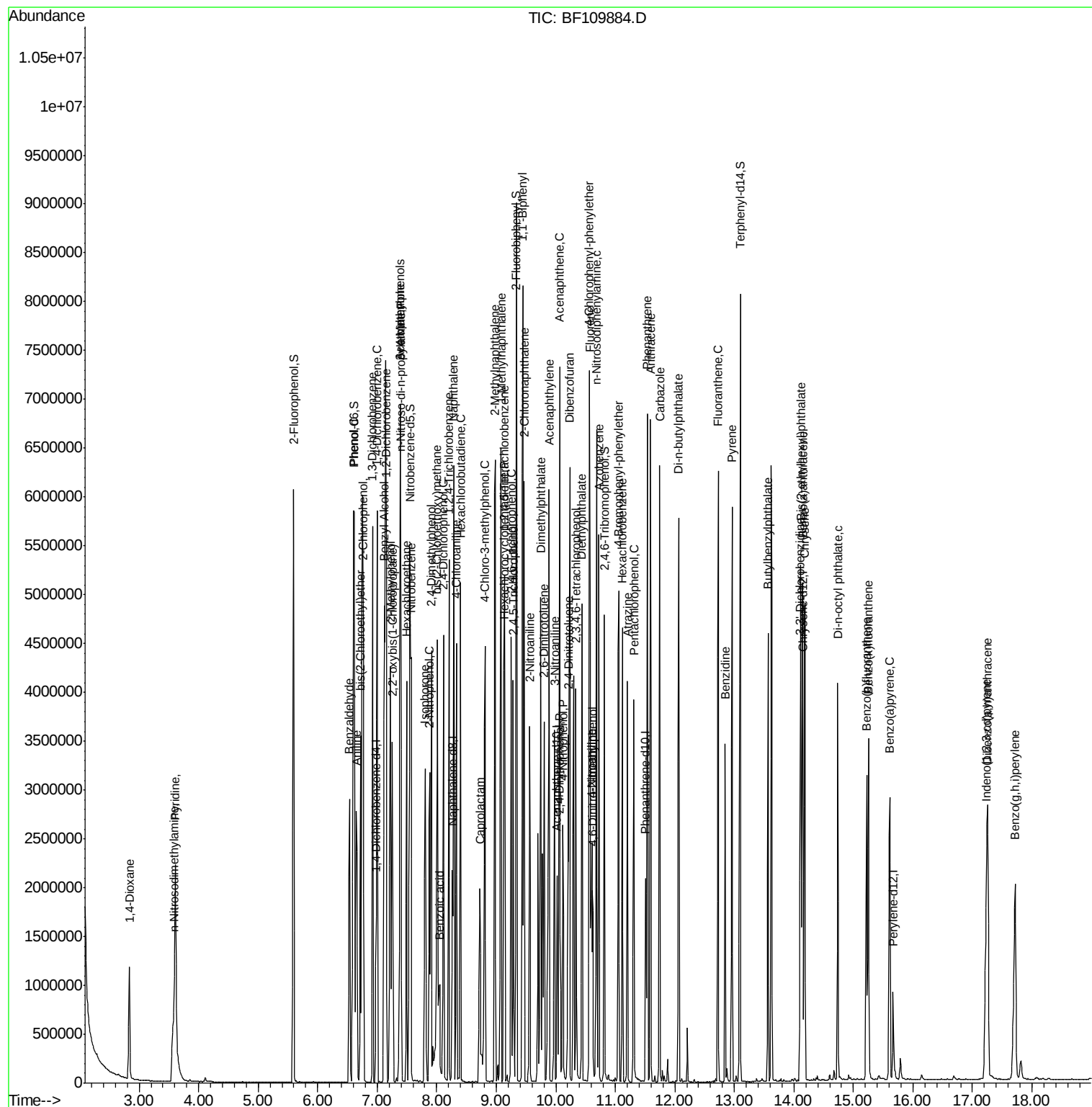
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	521079	96.520	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	648856	73.368	nq	95
44) 2,4,5-Trichlorophenol	9.29	196	656620	64.574	nq	94
46) 1,1'-Biphenyl	9.45	154	2552140	65.734	nq	95
47) 2-Chloronaphthalene	9.47	162	1974174	67.870	nq	96
48) 2-Nitroaniline	9.56	65	627709	71.270	nq	97
49) Acenaphthylene	9.89	152	2820430	66.510	nq	94
50) Dimethylphthalate	9.75	163	2189672	68.698	nq	99
51) 2,6-Dinitrotoluene	9.81	165	495825	71.763	nq	89
52) Acenaphthene	10.06	154	1831347	72.851	nq	98
53) 3-Nitroaniline	9.98	138	583728	75.369	nq	91
54) 2,4-Dinitrophenol	10.07	184	153034	68.651	nq	90
55) Dibenzofuran	10.23	168	2555942	67.830	nq	99
56) 4-Nitrophenol	10.12	139	452699	106.785	nq	96
57) 2,4-Dinitrotoluene	10.21	165	610998	70.862	nq	94
58) Fluorene	10.57	166	1798839	63.925	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	525887	63.621	nq	95
60) Diethylphthalate	10.45	149	2119344	67.107	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	940356	63.343	nq	99
62) 4-Nitroaniline	10.60	138	553923	77.228	nq	93
63) Azobenzene	10.73	77	2156399	67.240	nq	92
65) 4,6-Dinitro-2-methylphenol	10.62	198	249461	65.431	nq	97
66) n-Nitrosodiphenylamine	10.69	169	1826143	68.770	nq	96
67) 4-Bromophenyl-phenylether	11.06	248	609596	67.730	nq	95
68) Hexachlorobenzene	11.12	284	642040	65.877	nq	95
69) Atrazine	11.21	200	576152	69.523	nq	99
70) Pentachlorophenol	11.31	266	428614	78.155	nq	97
71) Phenanthrene	11.54	178	2716314	69.294	nq	96
72) Anthracene	11.59	178	2752892	67.936	nq	98
73) Carbazole	11.75	167	2659863	67.679	nq	97
74) Di-n-butylphthalate	12.06	149	2917312	64.000	nq	98
75) Fluoranthene	12.73	202	2627170	64.153	nq	95
77) Benzidine	12.85	184	1173249	68.680	nq	97
78) Pyrene	12.96	202	2666756	79.150	nq	98
80) Butylbenzylphthalate	13.57	149	1128226	77.236	nq	97
81) Benzo(a)anthracene	14.14	228	2026154	79.842	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	660634	64.652	nq	99
83) Chrysene	14.19	228	1883953	70.678	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1398998	78.500	nq	# 94
85) Di-n-octyl phthalate	14.74	149	2003021	71.105	nq	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	2012760	105.495	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1608670	75.114	nq	97
89) Benzo(k)fluoranthene	15.25	252	1605896	74.629	nq	# 95
90) Benzo(a)pyrene	15.61	252	1551439	79.828	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	1633999	102.372	nq	98
92) Benzo(g,h,i)perylene	17.72	276	1756748	110.218	nq	# 93

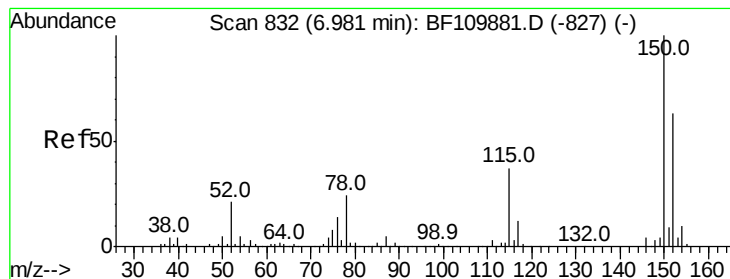
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109884.D
Acq On : 15 Oct 2018 17:32
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Oct 15 17:58:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 16:50:48 2018
Response via : Initial Calibration



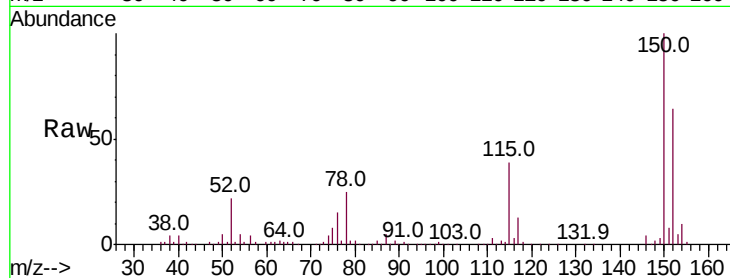


#1

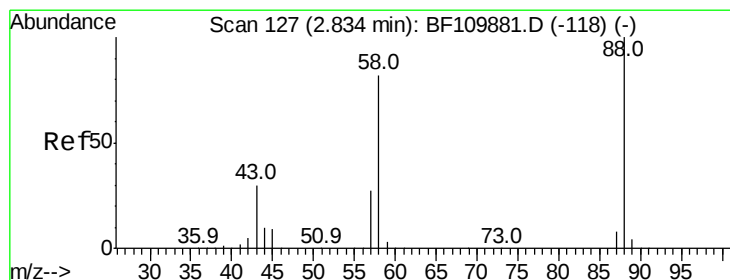
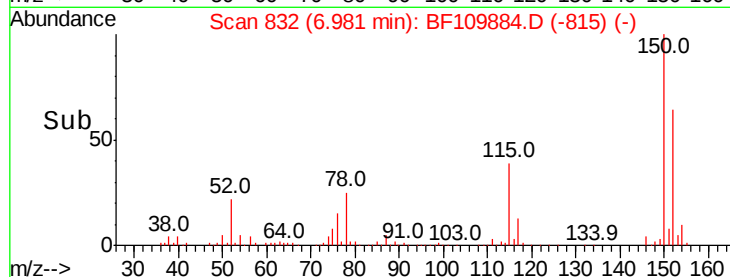
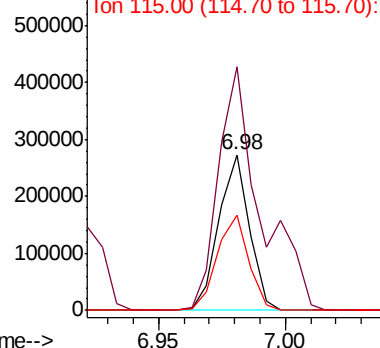
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 230390
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.8 49.1 73.7



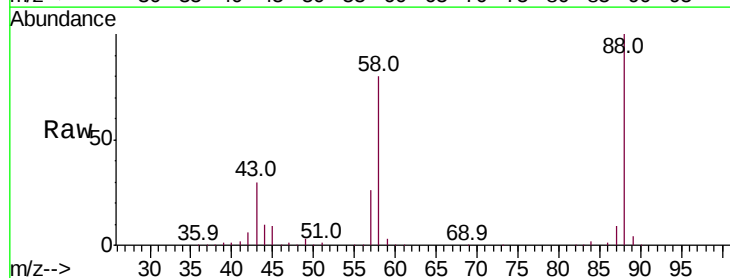
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



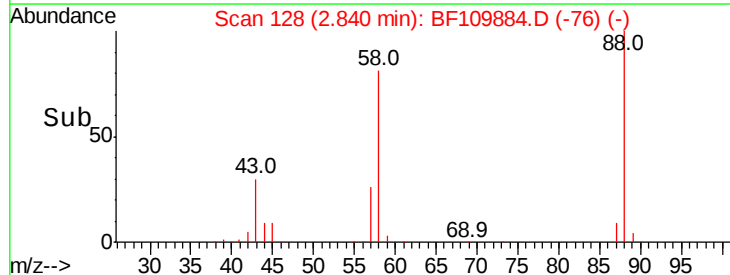
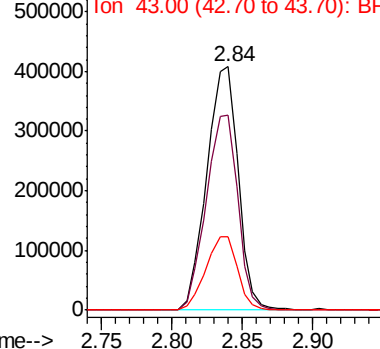
#2

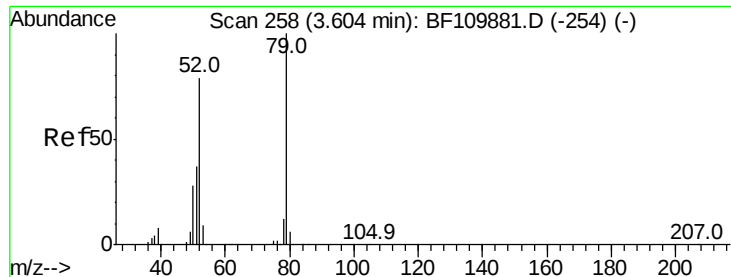
1,4-Dioxane
Concen: 92.365 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion: 88 Resp: 629189
Ion Ratio Lower Upper
88 100
58 81.5 57.1 85.7
43 30.8 24.1 36.1



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

Pvridine

Concen: 103.135 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

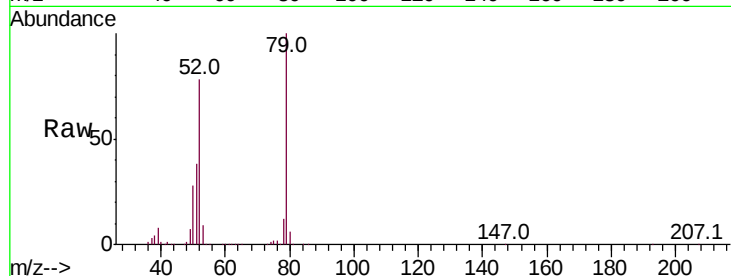
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1449430

Ion	Ratio	Lower	Upper
79	100		
52	78.1	53.1	79.7
51	38.0	27.4	41.2

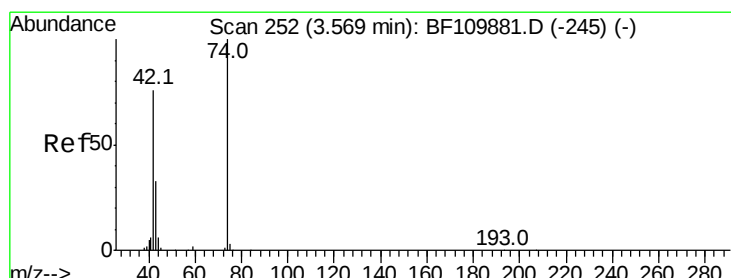
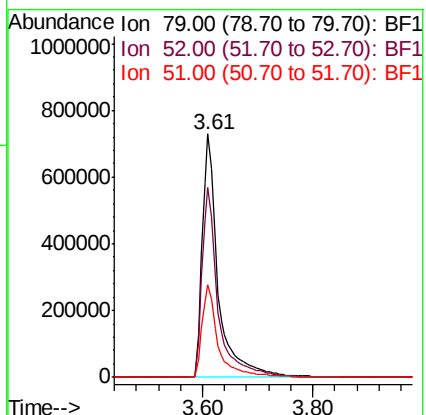
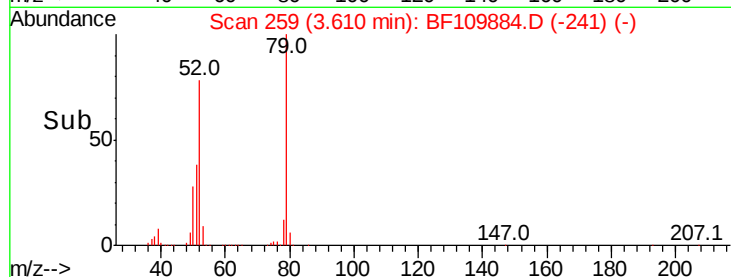


Abundance

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: 118.157 ng

RT: 3.59 min Scan# 255

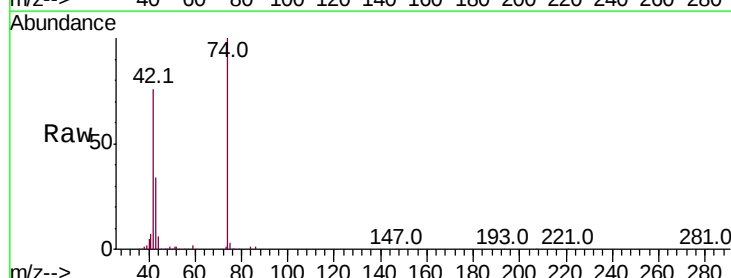
Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion: 42 Resp: 599367

Ion	Ratio	Lower	Upper
42	100		
74	131.6	105.5	158.3
44	7.7	4.9	7.3

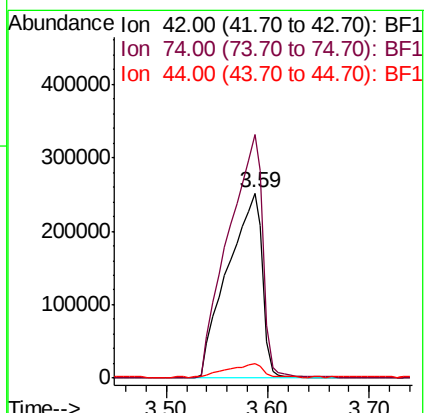
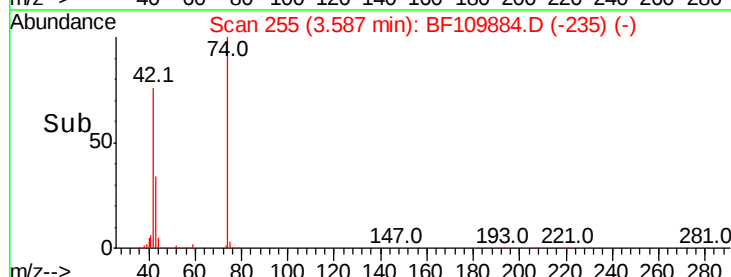


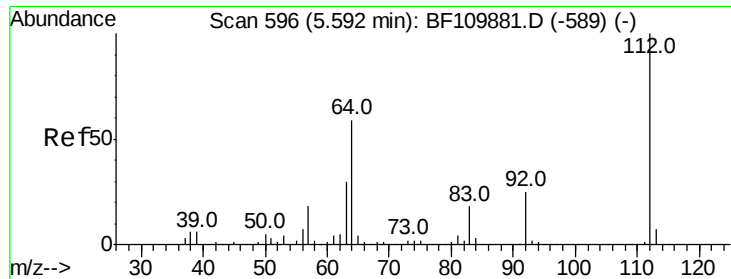
Abundance

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: 159.385 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

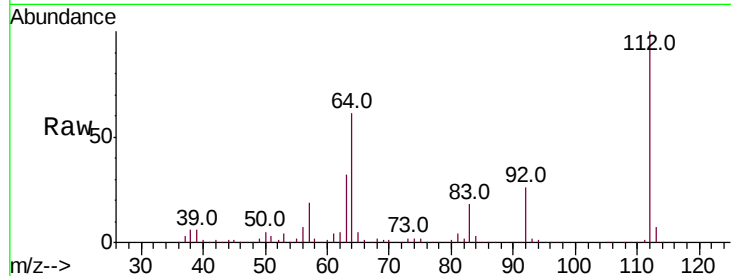
Tot Ion:112 Resp: 2068730

Ion Ratio Lower Upper

112 100

64 61.0 44.1 66.1

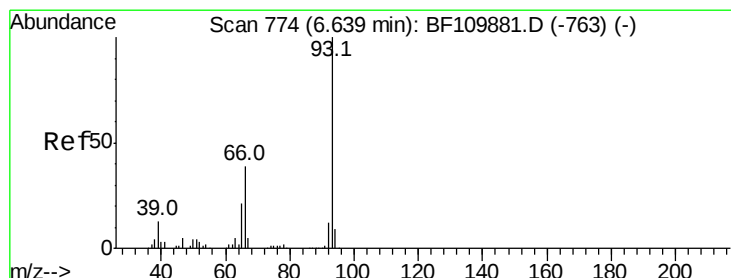
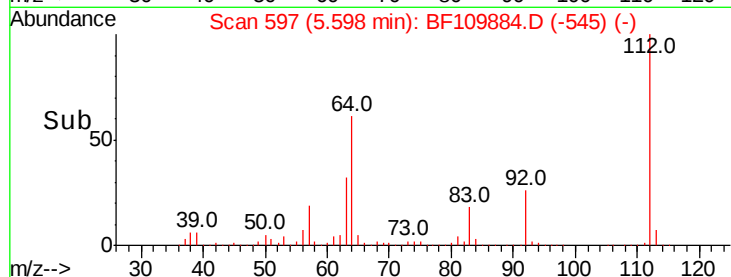
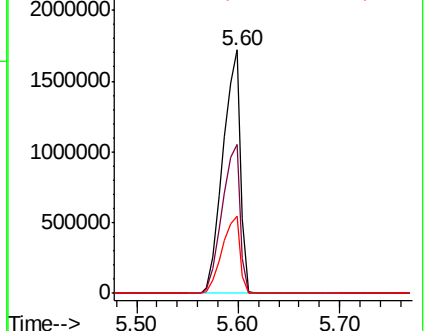
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 92.035 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

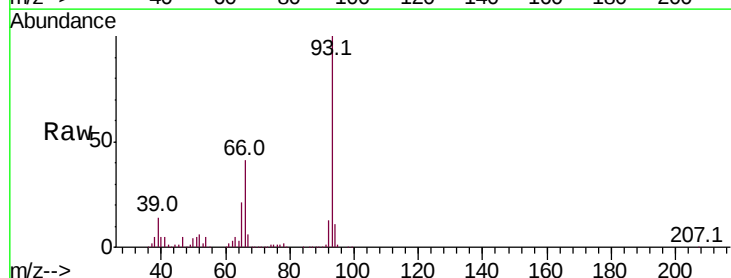
Tgt Ion: 93 Resp: 1858965

Ion Ratio Lower Upper

93 100

66 40.6 67.4 101.0#

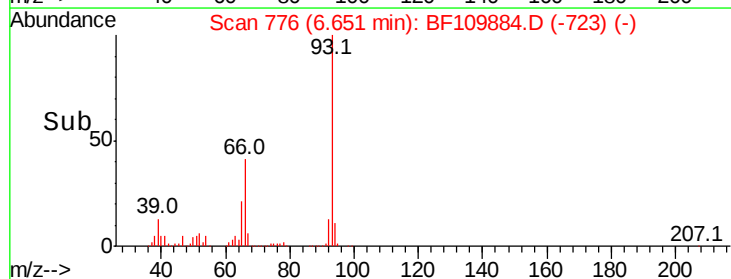
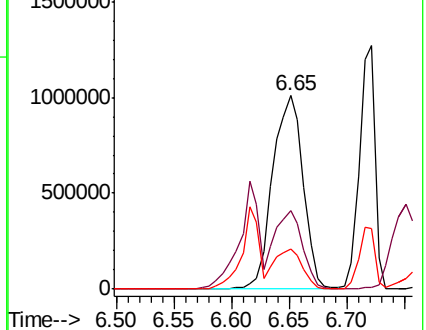
65 21.0 41.0 61.4#

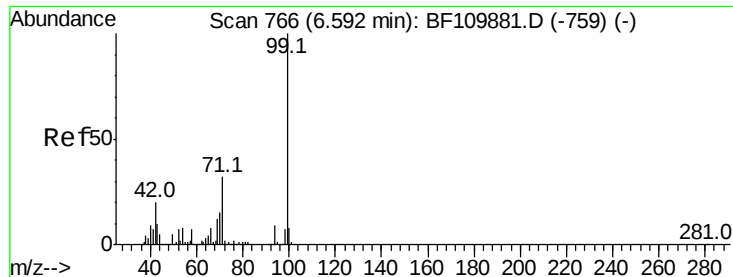


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.445 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

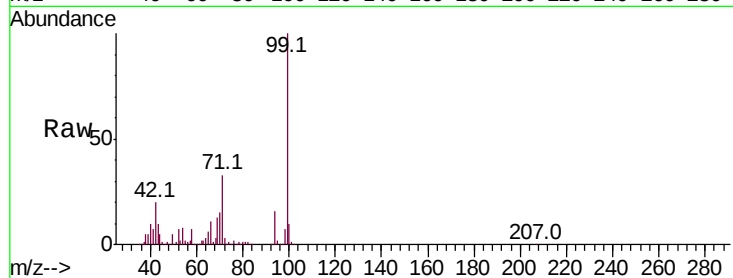
Tot Ion: 99 Resp: 2573912

Ion Ratio Lower Upper

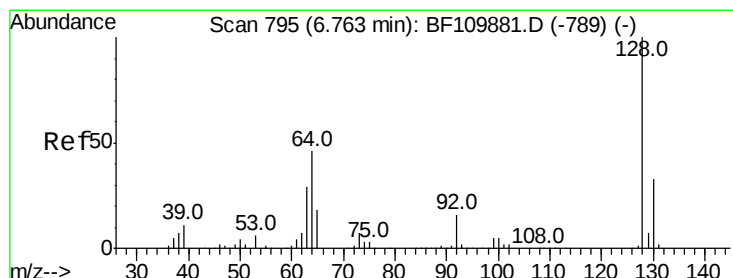
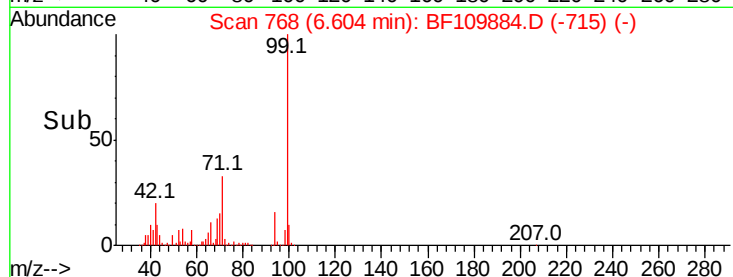
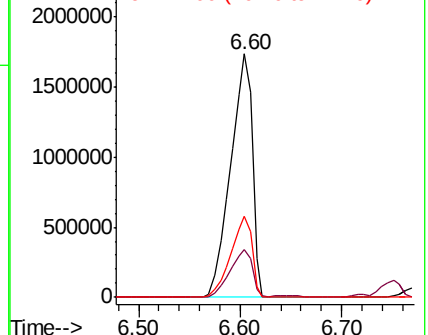
99 100

42 19.9 15.8 23.6

71 33.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 72.570 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

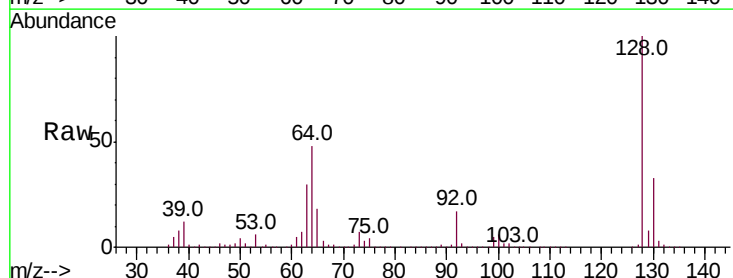
Tgt Ion:128 Resp: 1158425

Ion Ratio Lower Upper

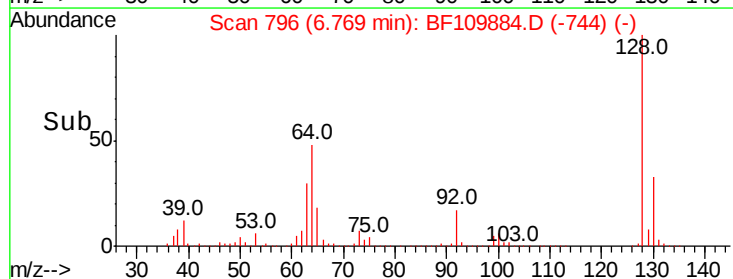
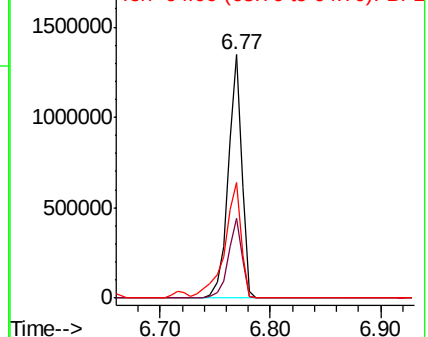
128 100

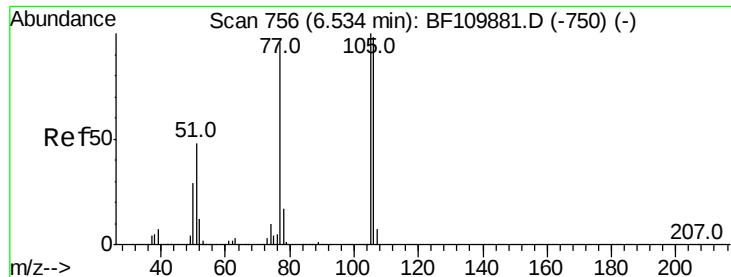
130 33.0 13.1 53.1

64 47.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 61.369 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

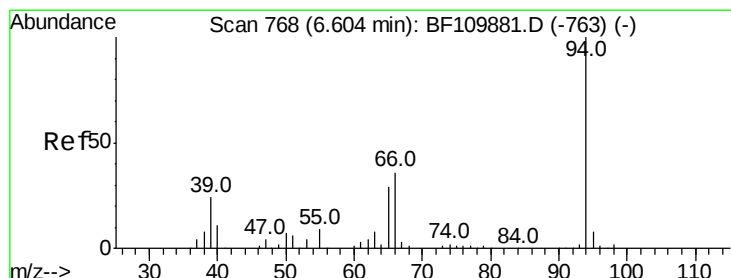
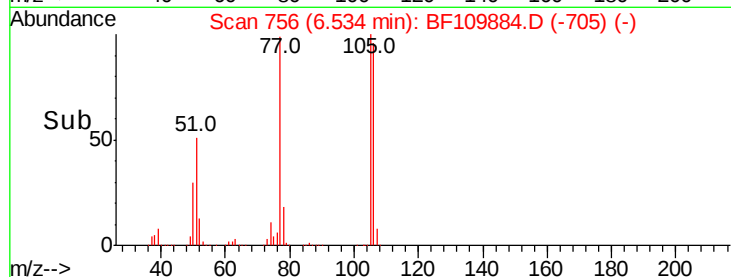
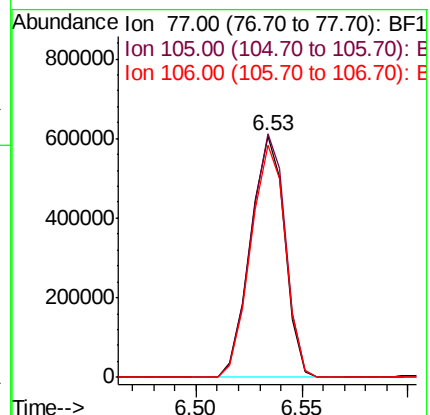
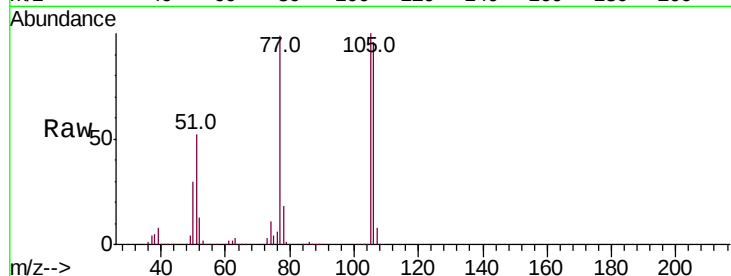
Tot Ion: 77 Resp: 684734

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

106 96.4 74.8 114.8



#10

Phenol

Concen: 70.048 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

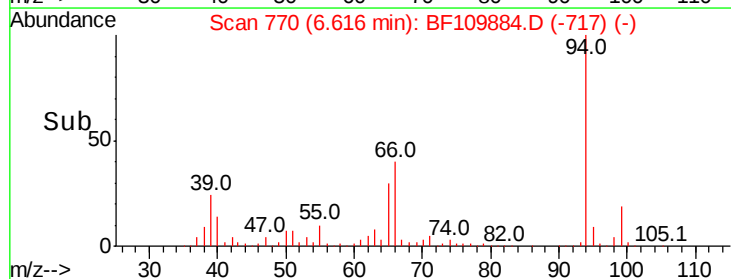
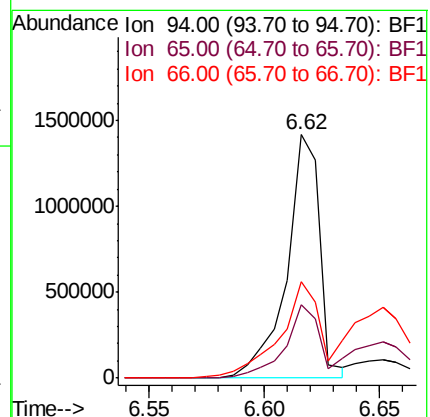
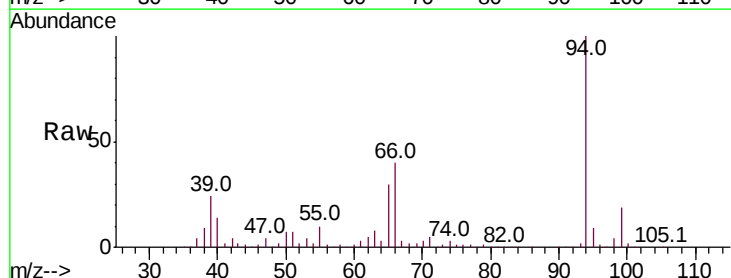
Tgt Ion: 94 Resp: 1392724

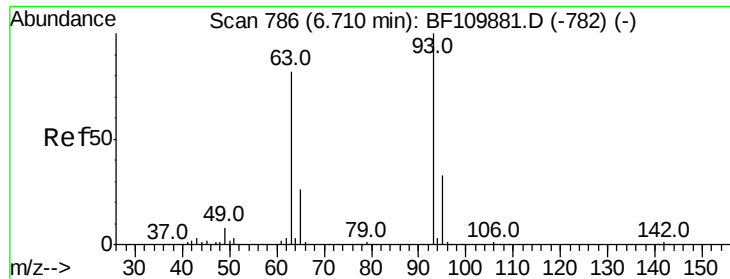
Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

66 39.8 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 71.814 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

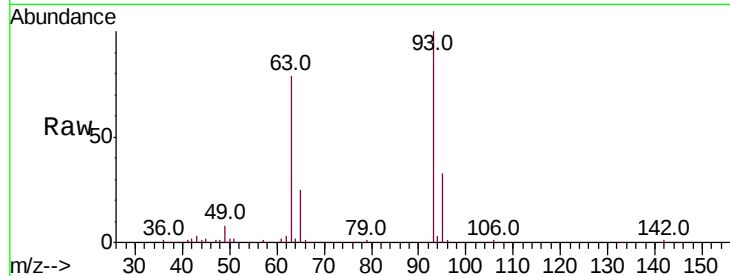
Tot Ion: 93 Resp: 1183753

Ion Ratio Lower Upper

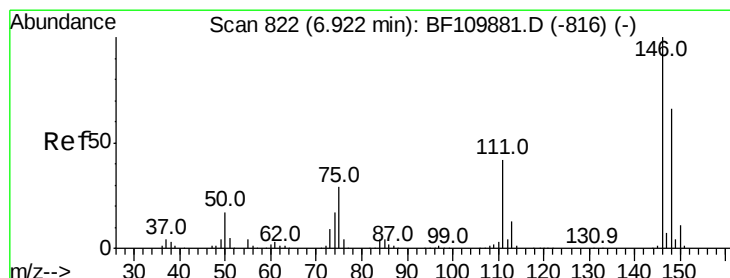
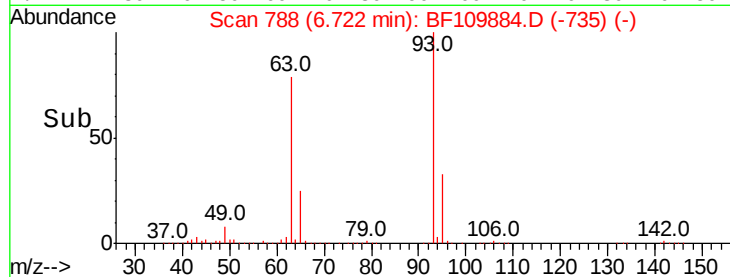
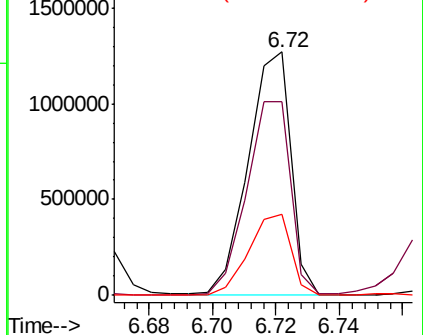
93 100

63 79.5 53.4 93.4

95 33.4 12.1 52.1



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: 70.113 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

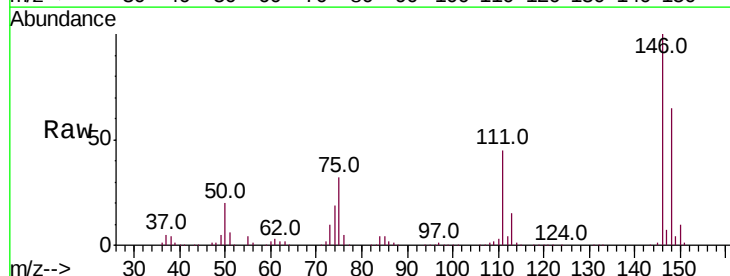
Tgt Ion:146 Resp: 1280105

Ion Ratio Lower Upper

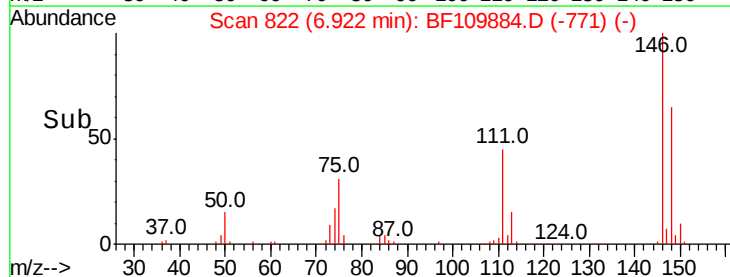
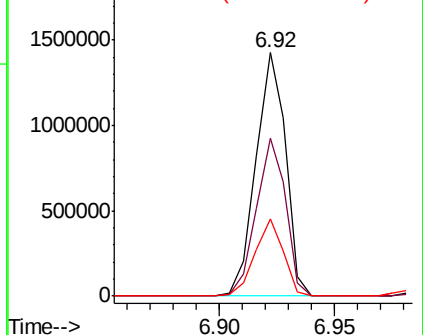
146 100

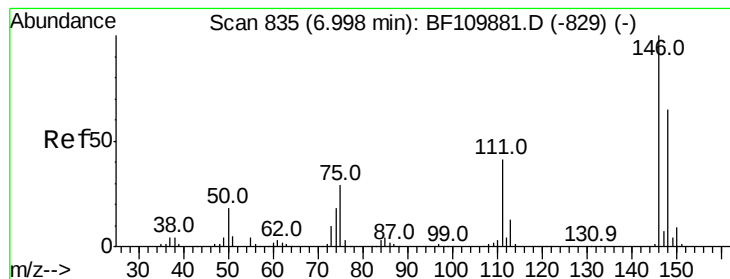
148 64.7 50.4 75.6

75 31.9 25.8 38.6



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: 63.886 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

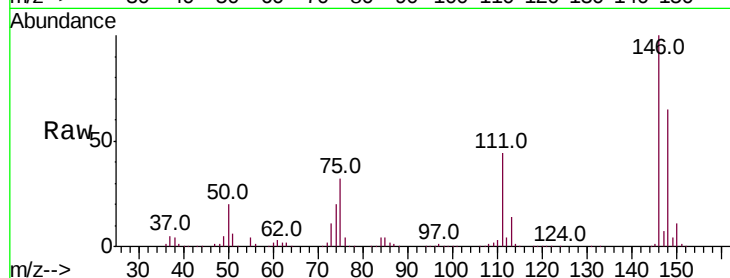
Tot Ion:146 Resp: 1271461

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

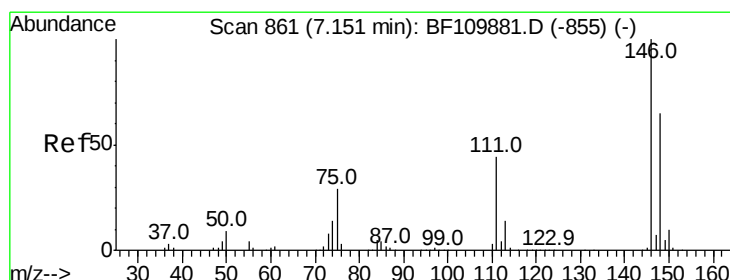
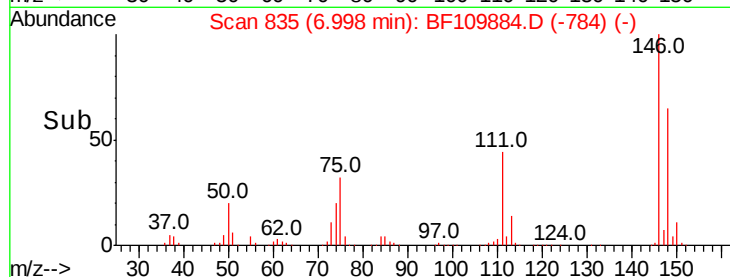
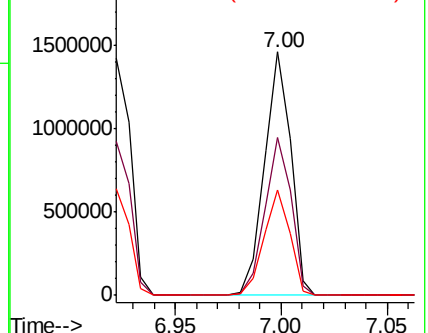
111 43.5 32.7 49.1



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: 65.009 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

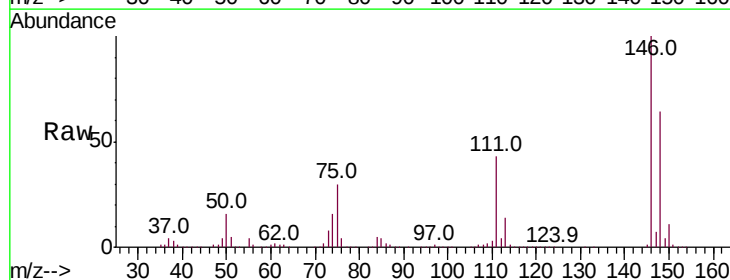
Tgt Ion:146 Resp: 1136243

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

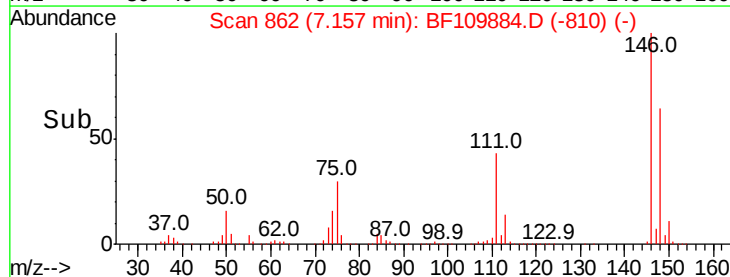
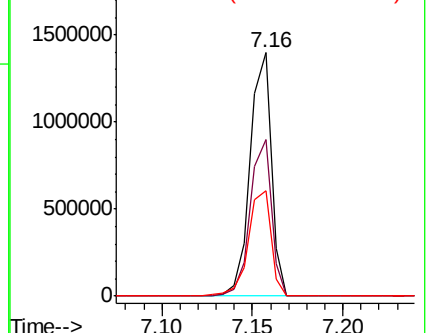
111 43.4 35.8 53.6

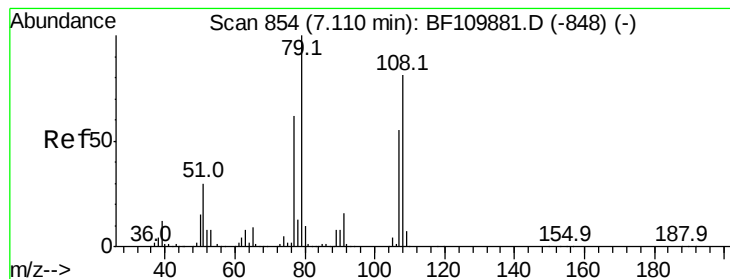


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 79.159 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

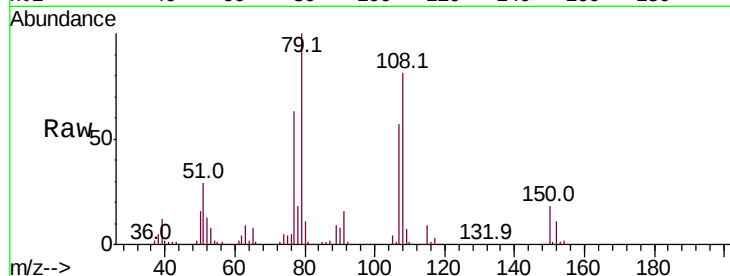
Tot Ion: 79 Resp: 1017545

Ion Ratio Lower Upper

79 100

108 81.1 56.3 84.5

77 63.3 52.9 79.3



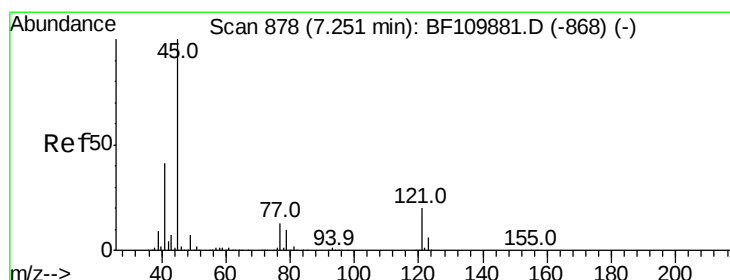
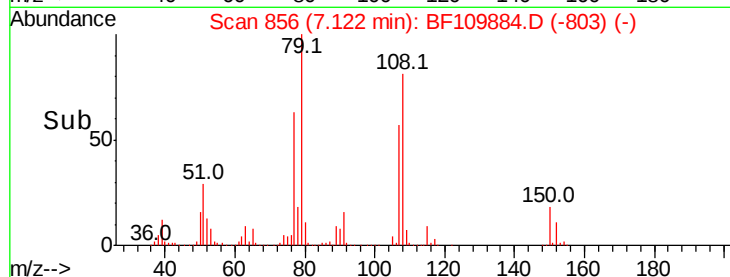
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.12

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 89.471 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

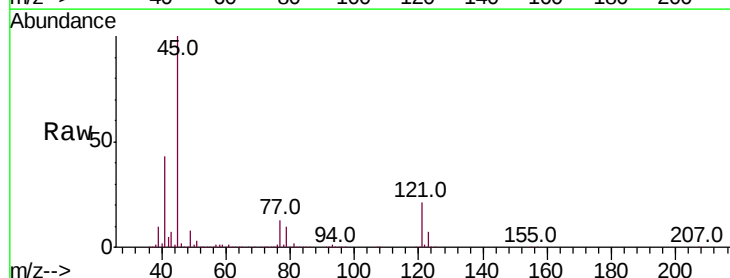
Tgt Ion: 45 Resp: 1955547

Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

79 9.9 6.1 46.1



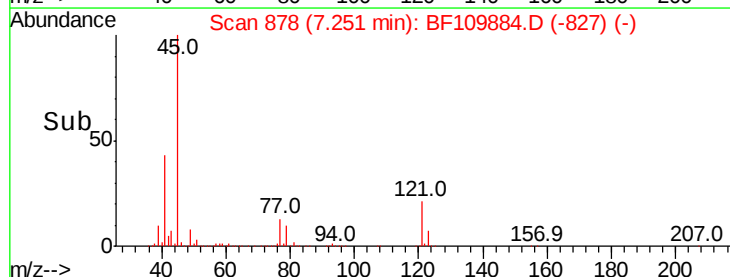
Abundance Ion 45.00 (44.70 to 45.70): BF1

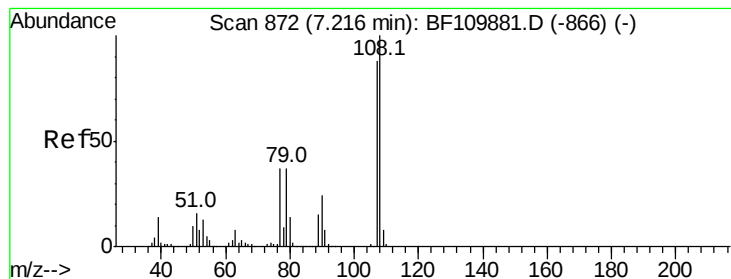
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.25

Time-->

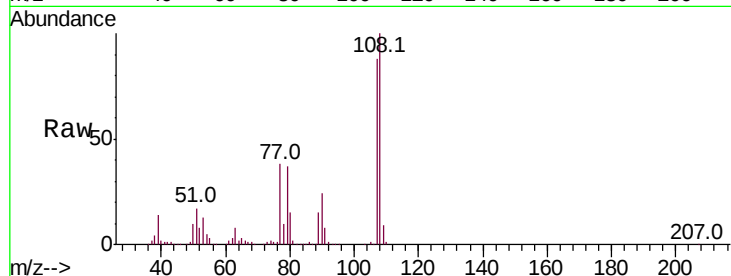




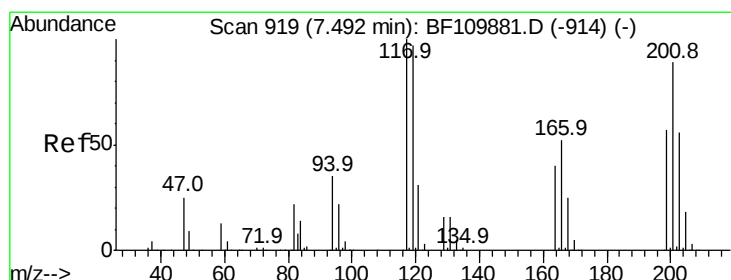
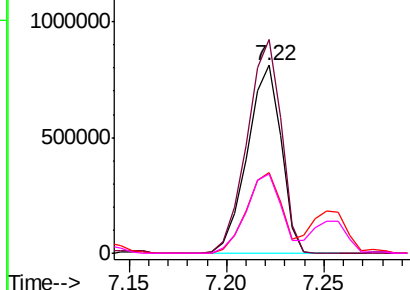
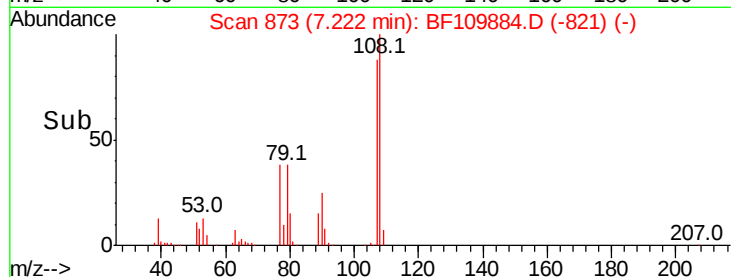
#17
2-Methylphenol
Concen: 77.174 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 974205
Ion Ratio Lower Upper
107 100
108 113.9 92.6 138.8
77 43.2 59.4 89.2#
79 42.6 54.0 81.0#

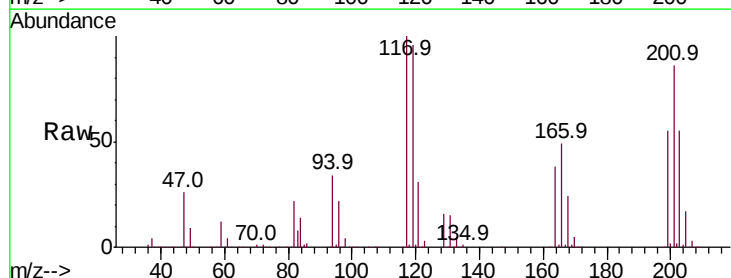


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

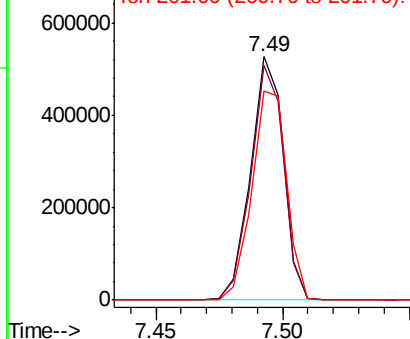
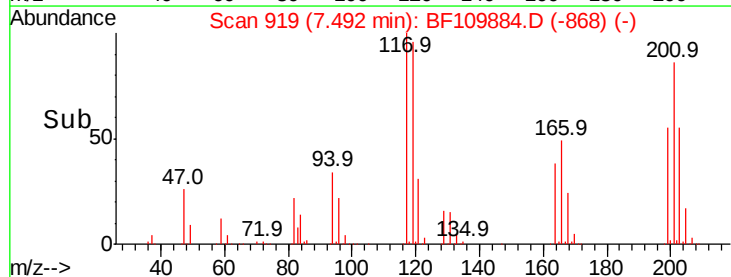


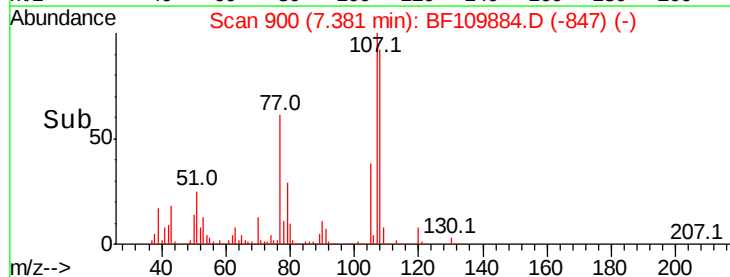
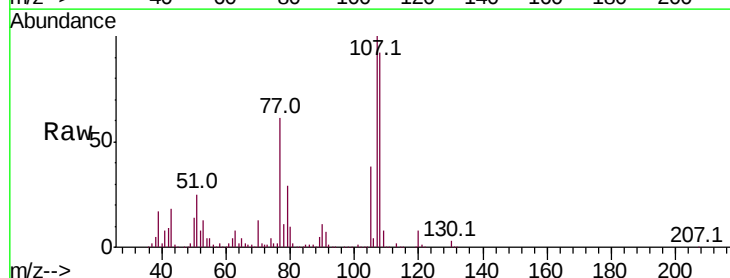
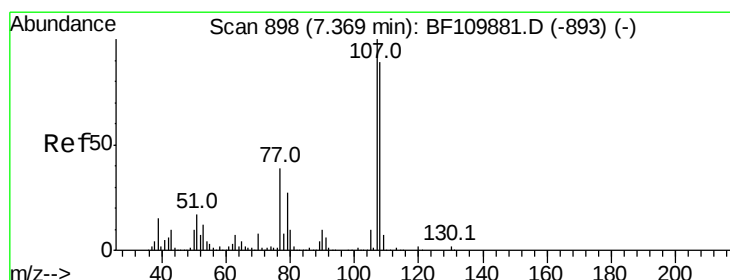
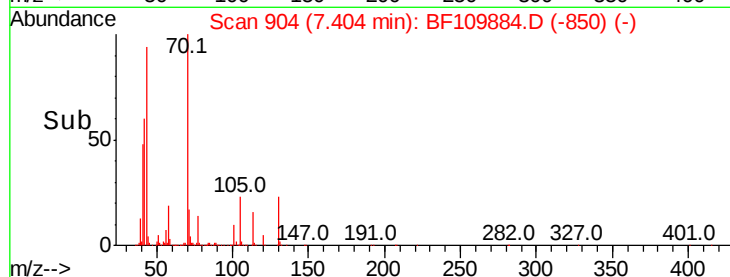
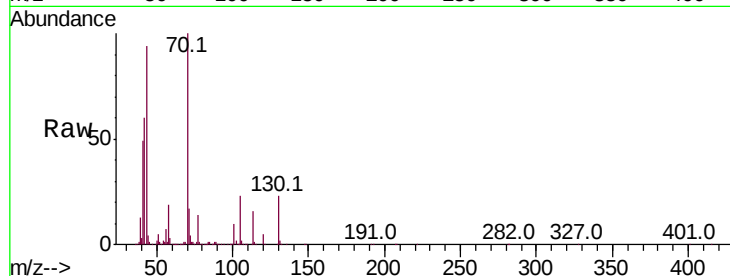
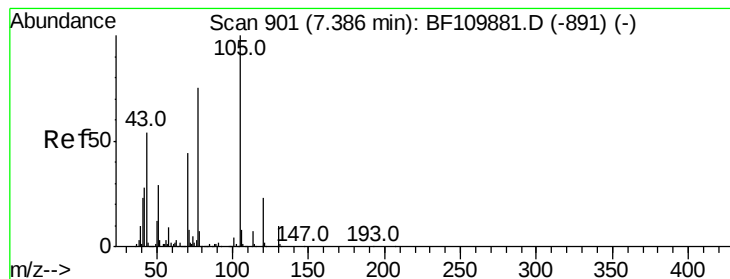
#18
Hexachloroethane
Concen: 67.669 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:117 Resp: 476031
Ion Ratio Lower Upper
117 100
119 96.2 75.0 112.6
201 85.7 79.2 118.8



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: 69.061 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 839741

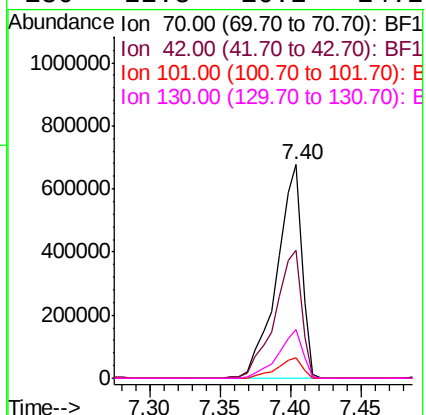
Ion Ratio Lower Upper

70 100

42 59.7 47.4 71.2

101 9.7 7.3 10.9

130 22.8 16.2 24.2



#20

3+4-Methylphenols

Concen: 73.612 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:107 Resp: 1145028

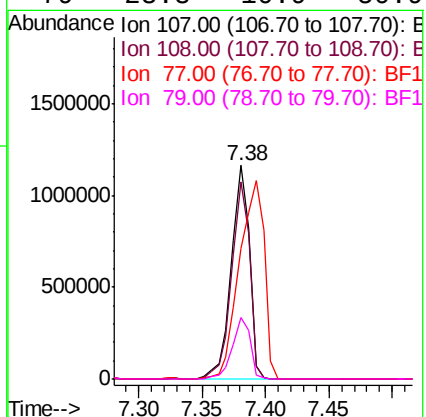
Ion Ratio Lower Upper

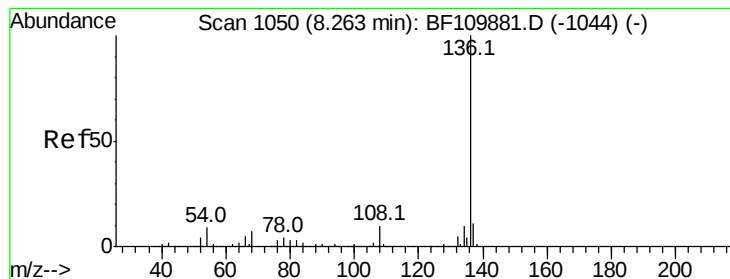
107 100

108 92.1 71.4 111.4

77 61.0 47.3 87.3

79 28.8 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 949085

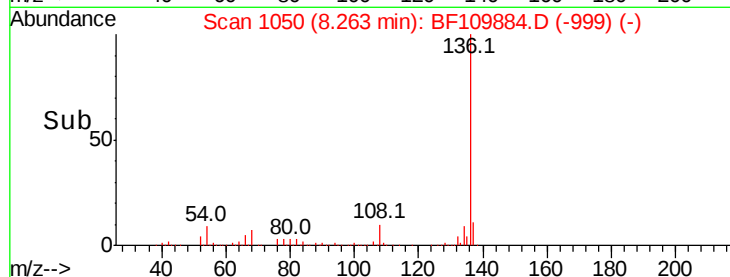
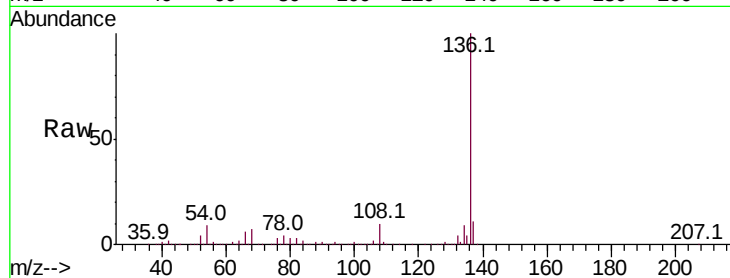
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 5.4 8.2#

68 6.8 4.2 6.2#



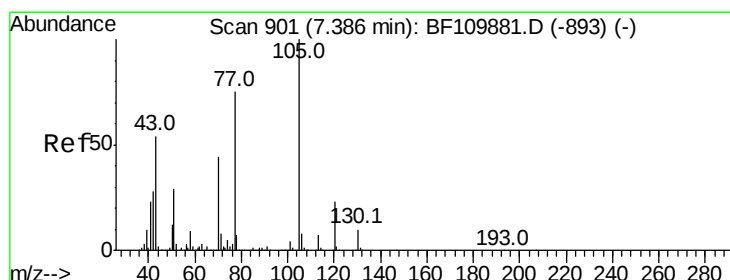
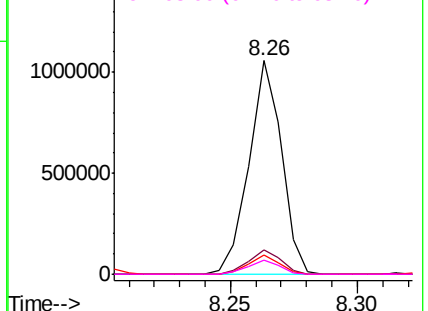
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 64.658 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:105 Resp: 1483939

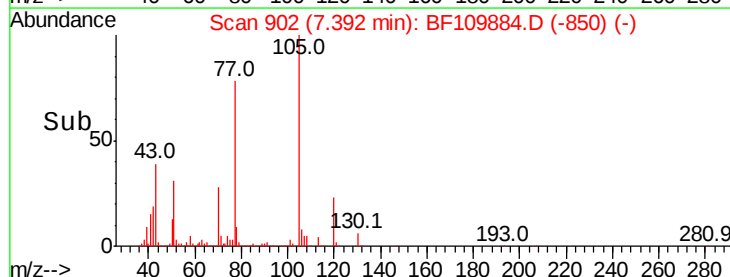
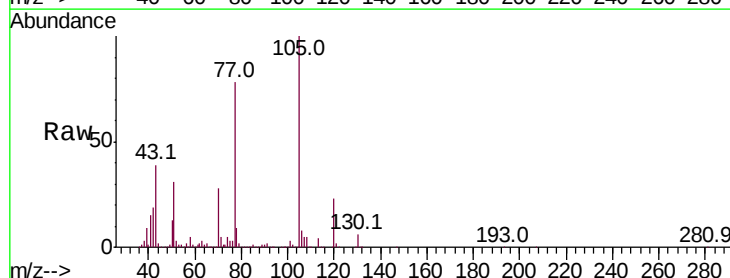
Ion Ratio Lower Upper

105 100

71 4.8 5.2 7.8#

51 30.6 21.8 32.8

120 22.7 17.0 25.4



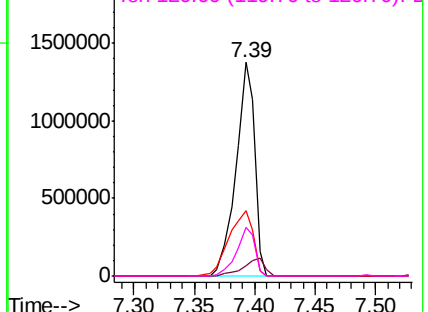
Abundance

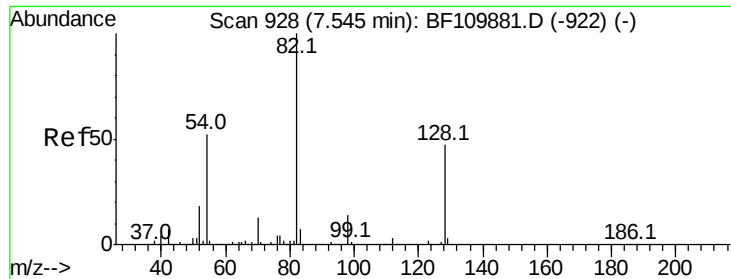
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



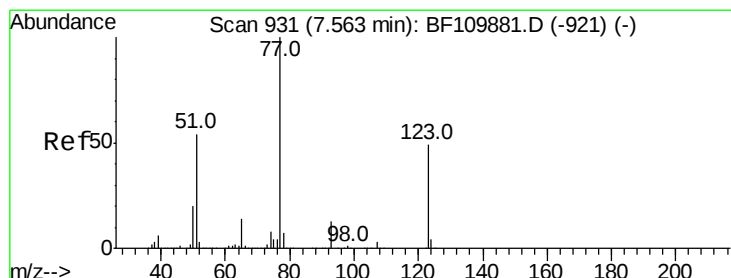
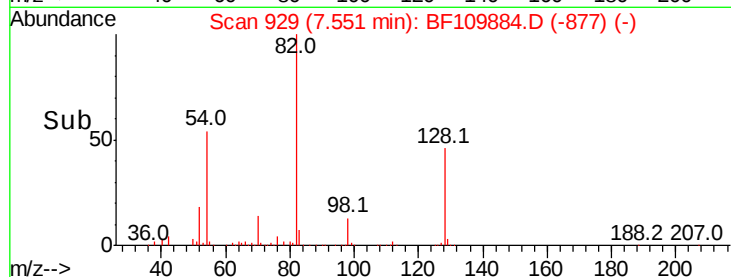
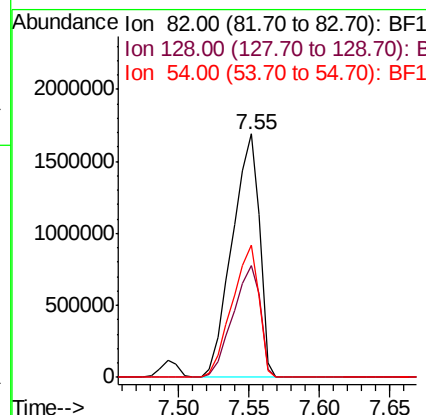
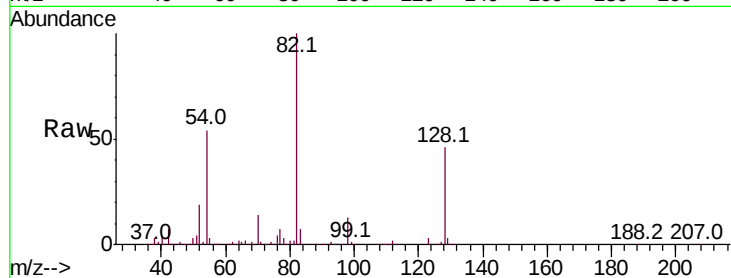


#23
 Nitrobenzene-d5
 Concen: 131.766 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2268670

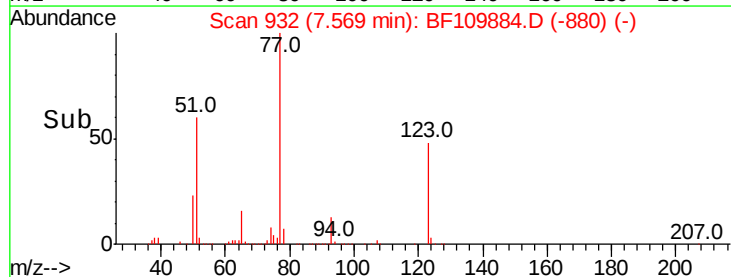
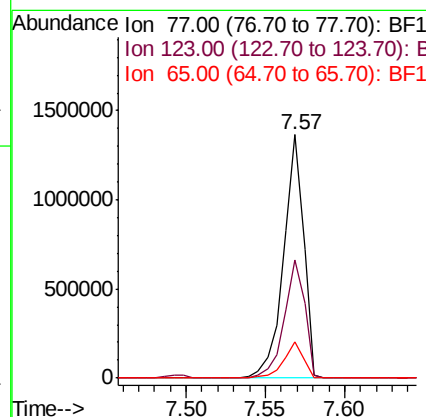
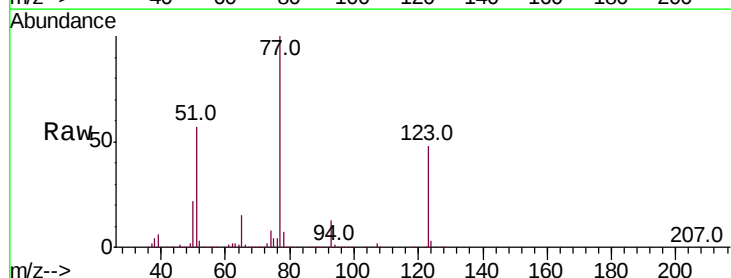
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	54.4	38.6	58.0

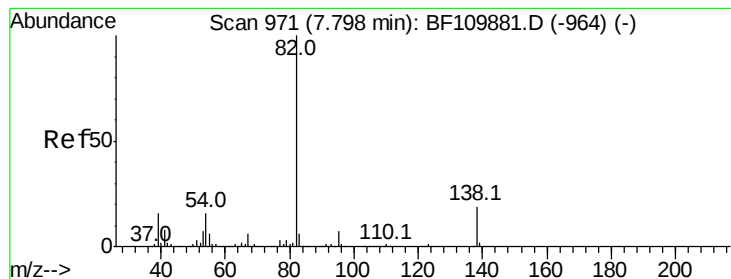


#24
 Nitrobenzene
 Concen: 67.101 ng
 RT: 7.57 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion: 77 Resp: 1202173

Ion	Ratio	Lower	Upper
77	100		
123	48.5	35.7	53.5
65	14.7	10.7	16.1





#25

Isophorone

Concen: 73.010 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

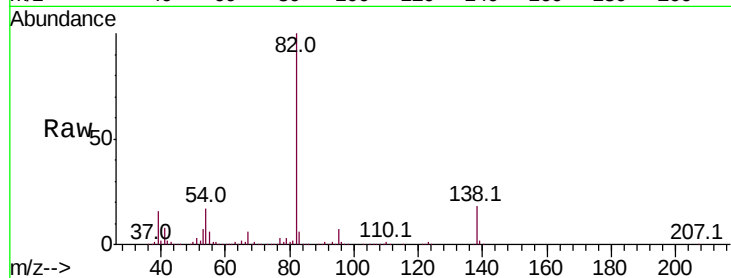
Tot Ion: 82 Resp: 2087412

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

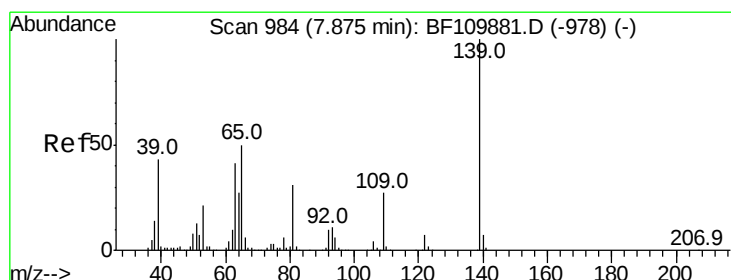
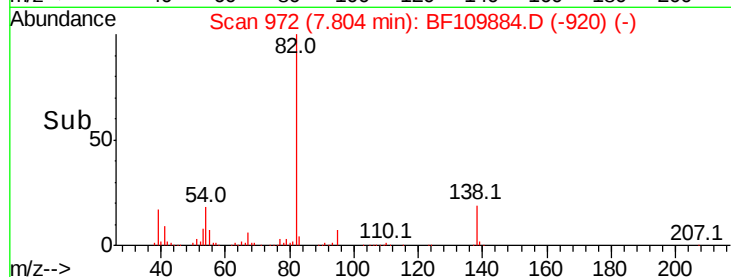
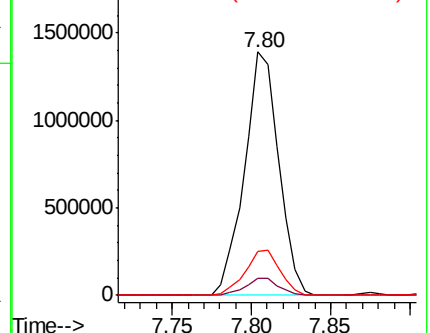
138 18.1 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 67.812 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

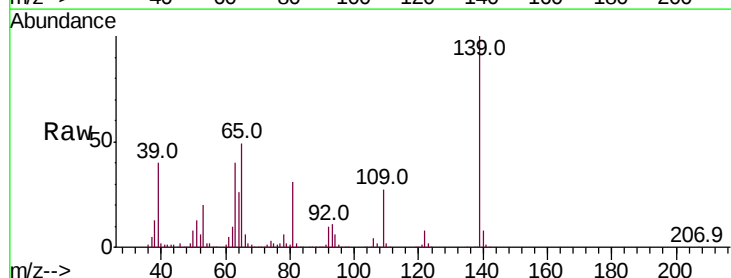
Tgt Ion: 139 Resp: 568270

Ion Ratio Lower Upper

139 100

109 27.5 25.0 37.6

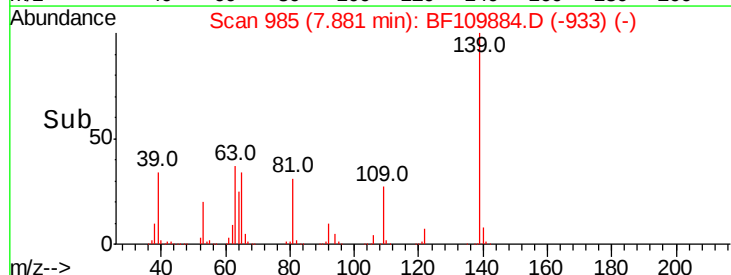
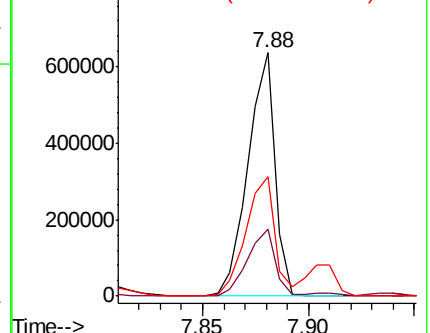
65 48.9 44.0 66.0

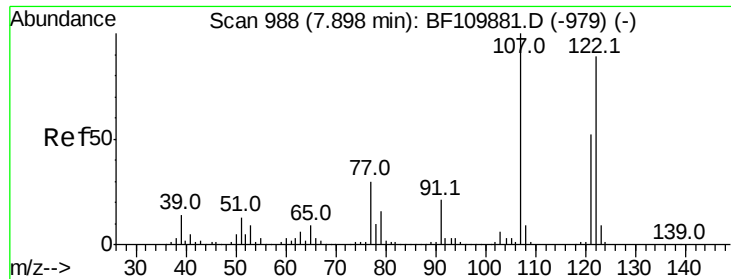


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

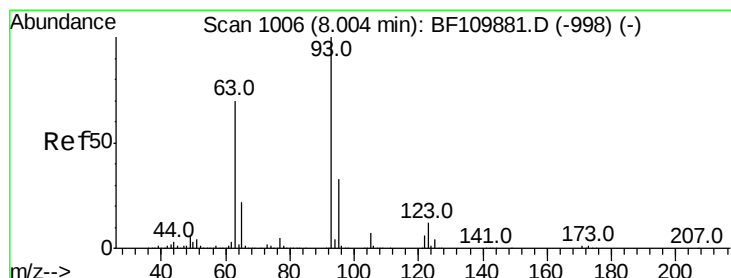
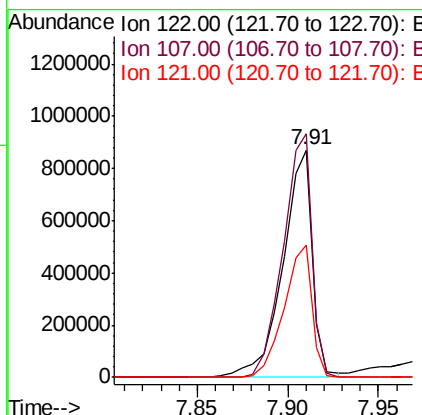
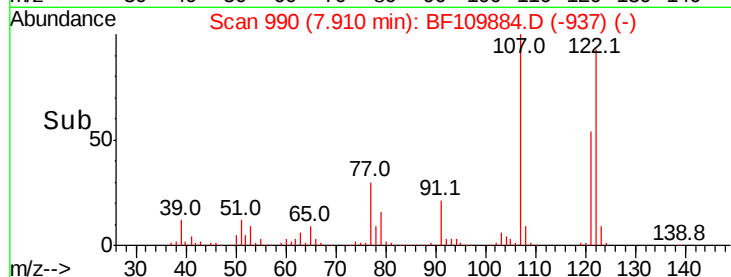
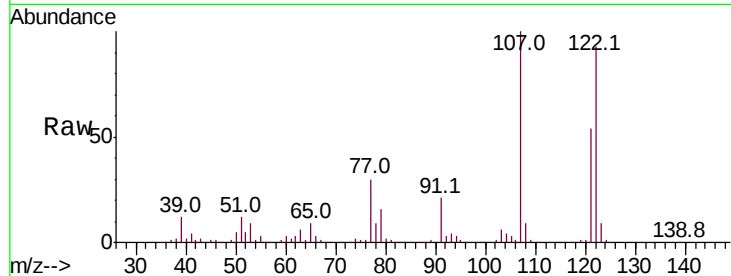




#27
2,4-Dimethylphenol
Concen: 81.565 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

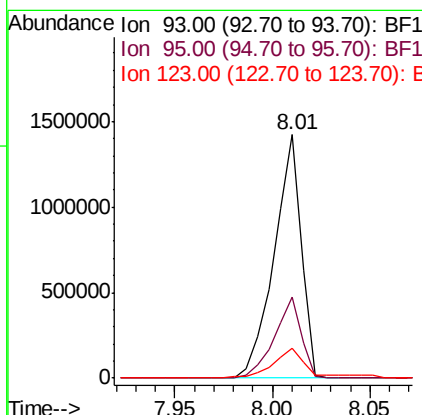
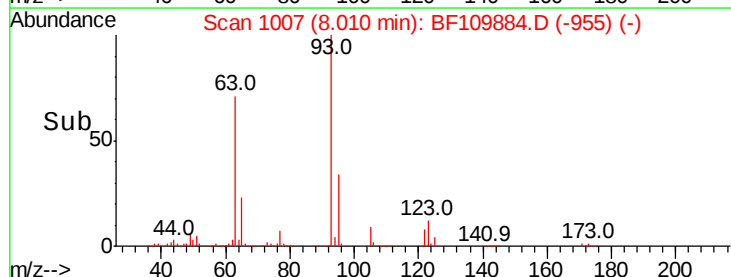
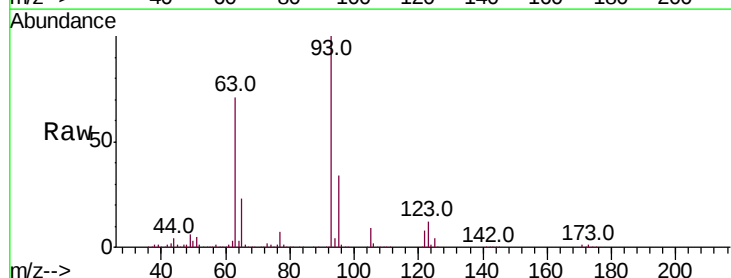
Instrument :
BNA_F
ClientSampleId :

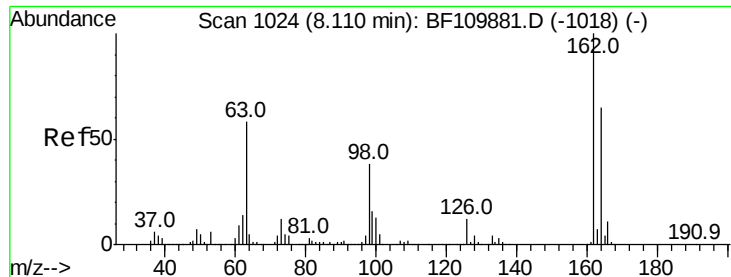
Tot Ion:122 Resp: 987041
Ion Ratio Lower Upper
122 100
107 107.1 92.5 138.7
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 70.782 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion: 93 Resp: 1368836
Ion Ratio Lower Upper
93 100
95 33.5 26.4 39.6
123 12.2 9.0 13.6

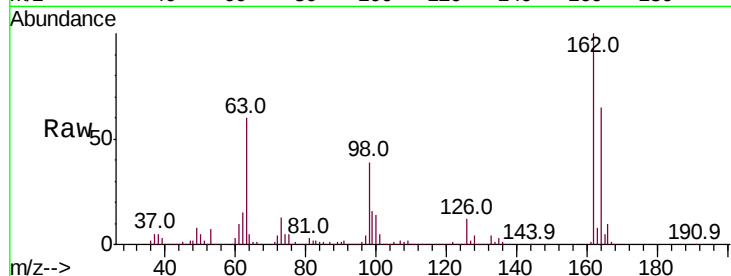




#29
 2,4-Dichlorophenol
 Concen: 71.965 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	38.6	17.4	57.4

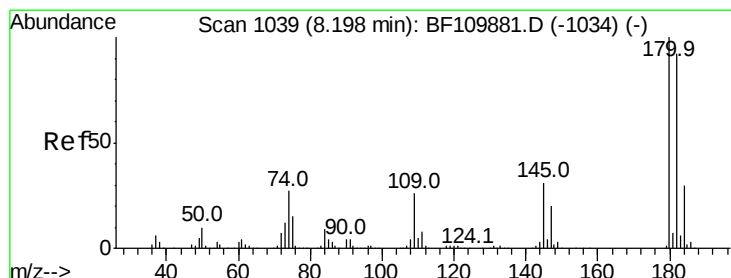
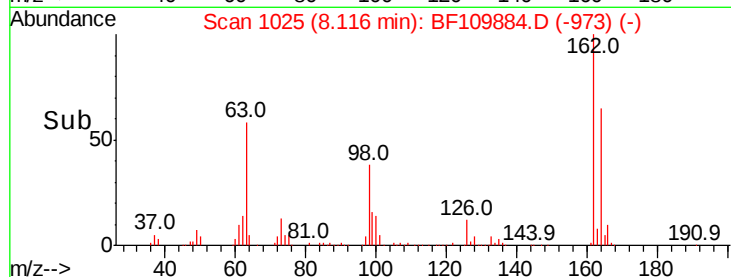
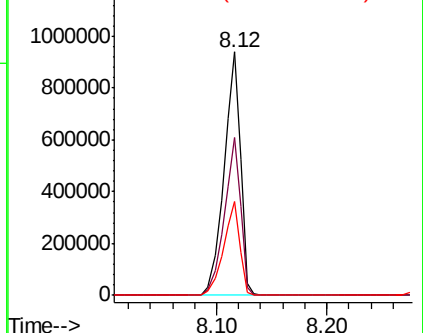


Abundance

Ion 162.00 (161.70 to 162.70): E

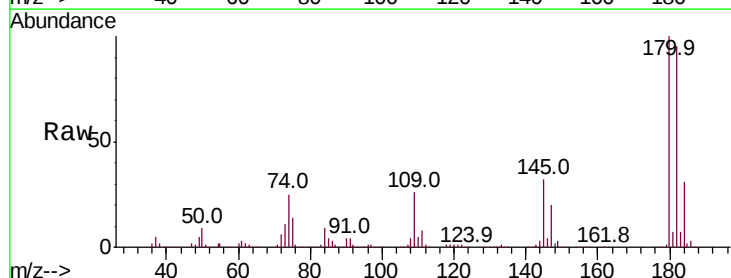
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 68.674 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	80.3	120.5
145	31.5	25.4	38.0

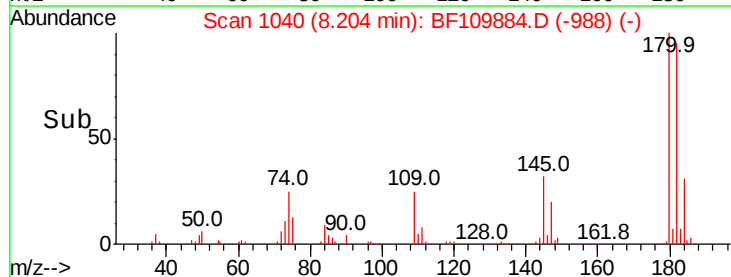
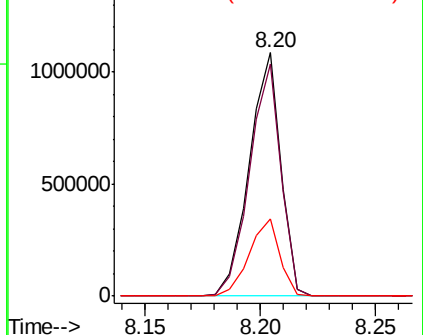


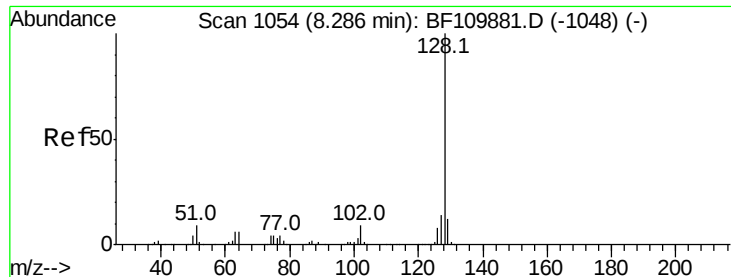
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

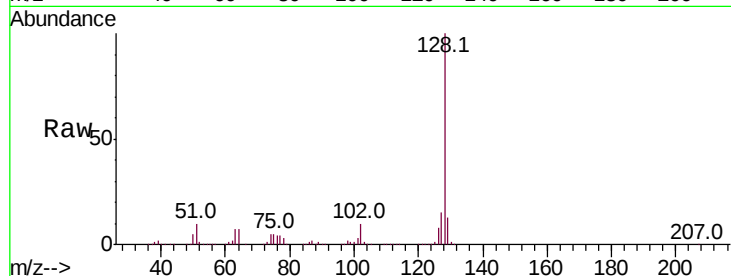




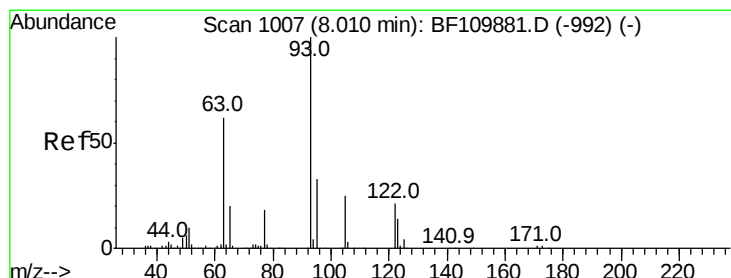
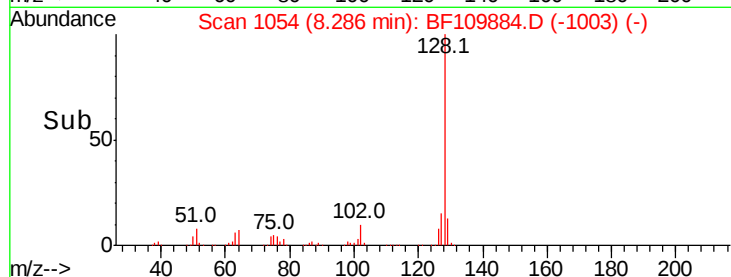
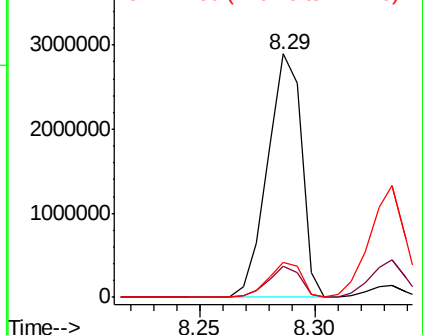
#31
Naphthalene
Concen: 67.228 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2950830
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 14.6 10.8 16.2

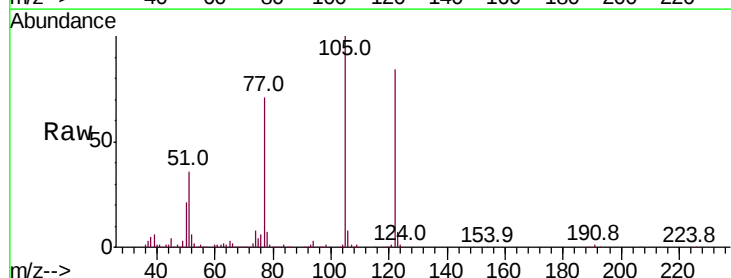


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

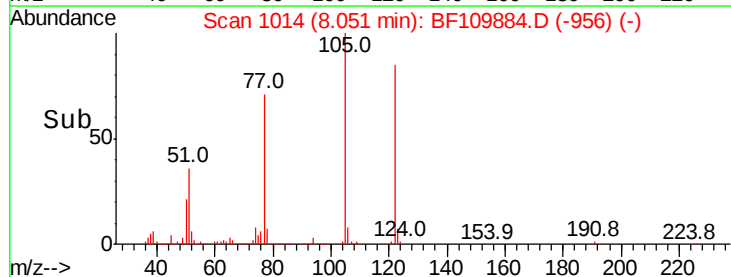
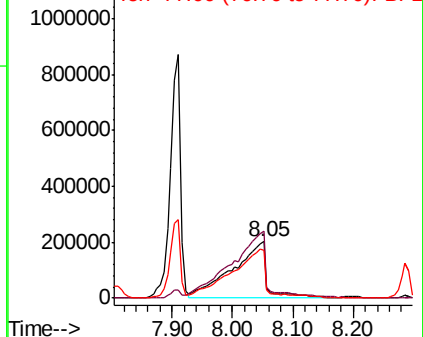


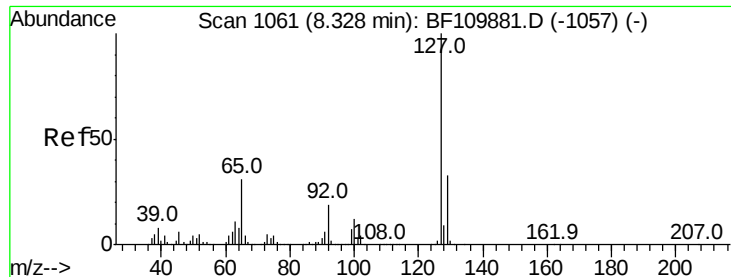
#32
Benzoic acid
Concen: 91.258 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:122 Resp: 789556
Ion Ratio Lower Upper
122 100
105 118.5 109.0 149.0
77 84.7 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

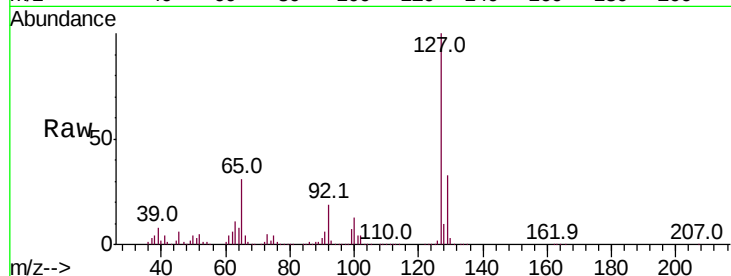




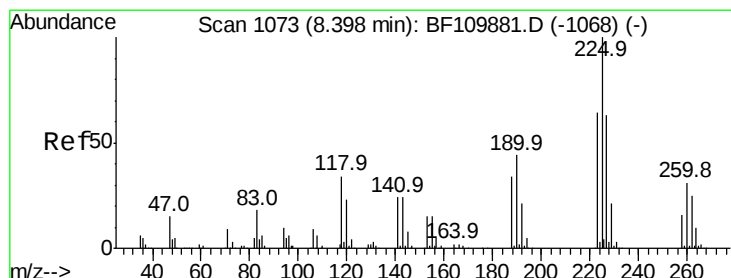
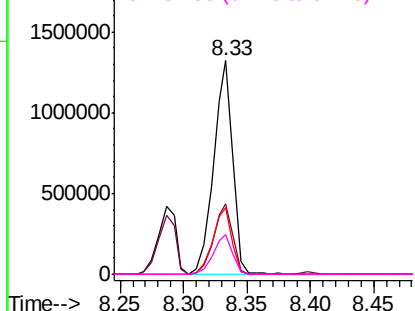
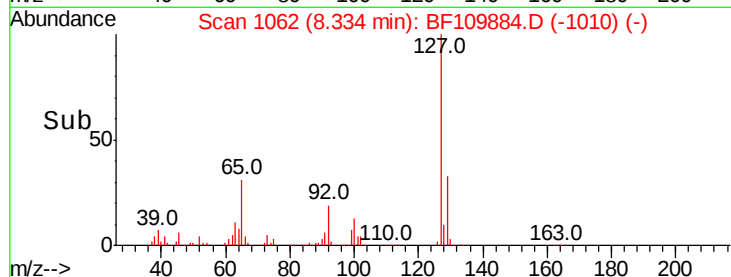
#33
4-Chloroaniline
Concen: 71.941 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1390551
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.0	25.1	37.7
92	18.8	15.0	22.6

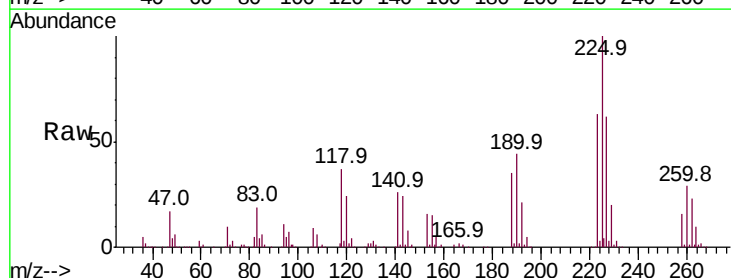


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

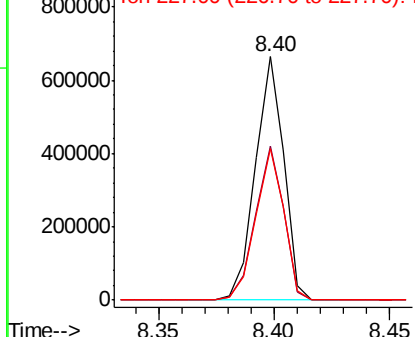
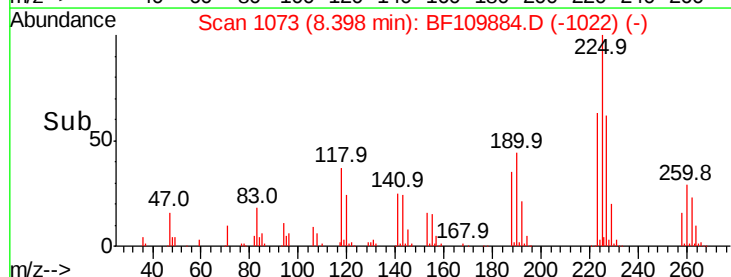


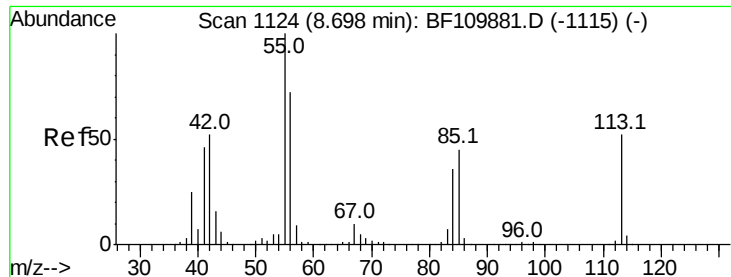
#34
Hexachlorobutadiene
Concen: 61.020 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:	225	Resp:	570092
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	62.2	51.0	76.6



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

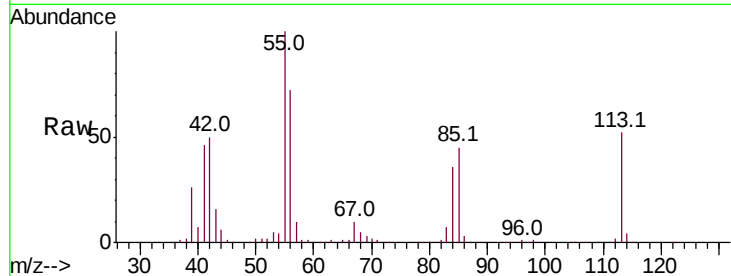




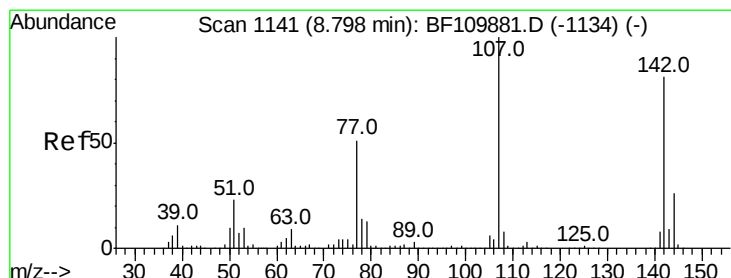
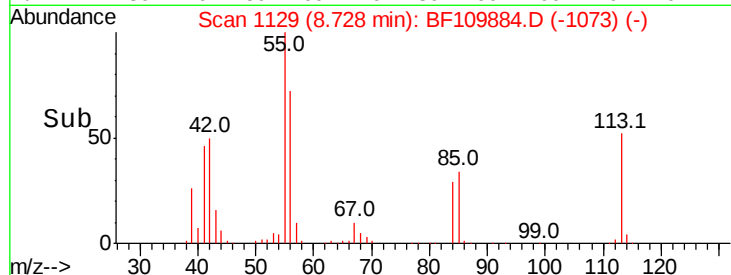
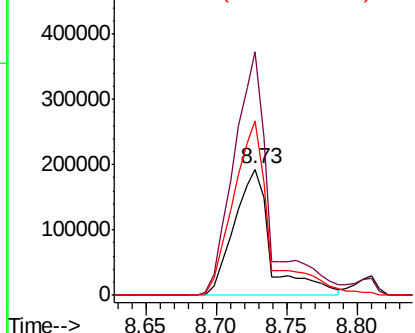
#35
 Caprolactam
 Concen: 86.971 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.03 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 352549
 Ion Ratio Lower Upper
 113 100
 55 192.7 142.8 182.8#
 56 138.4 105.0 145.0

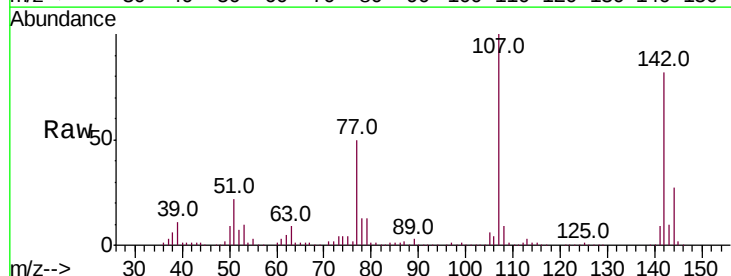


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

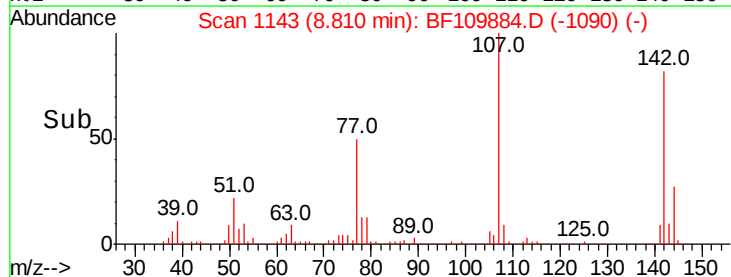
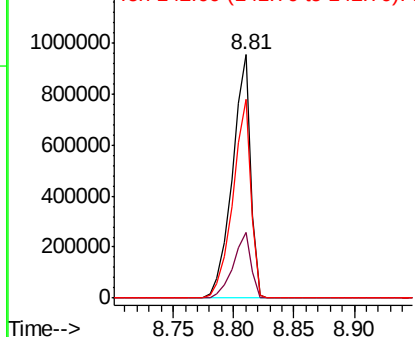


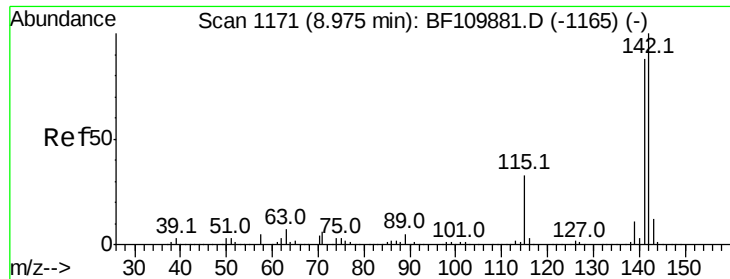
#36
 4-Chloro-3-methylphenol
 Concen: 70.062 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:107 Resp: 1003852
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.0 30.0
 142 81.9 59.7 89.5



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

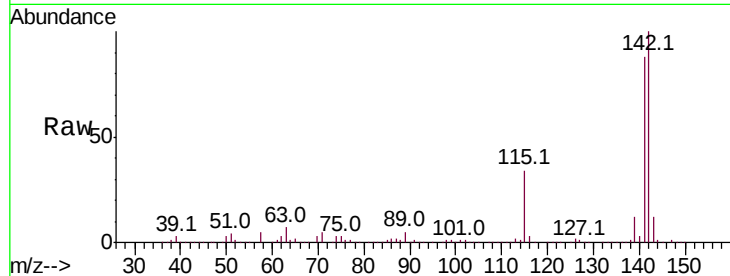




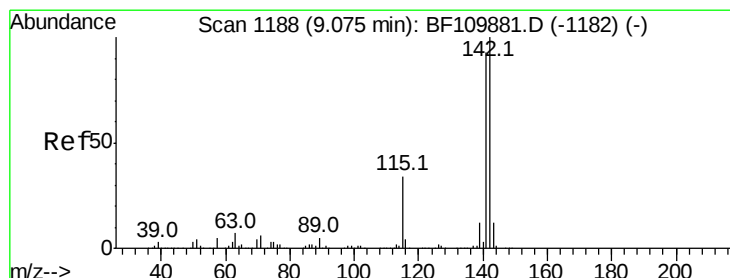
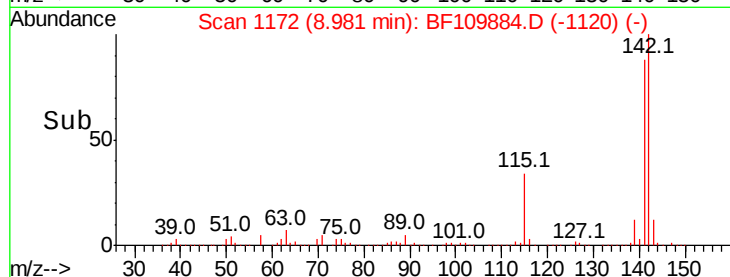
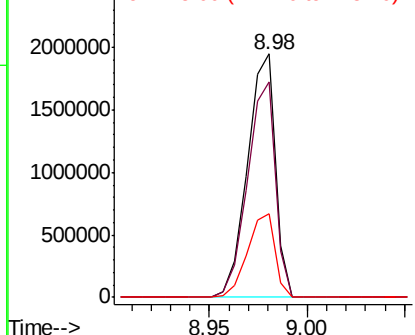
#37
2-Methylnaphthalene
Concen: 67.156 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1930832
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 34.1 28.7 43.1

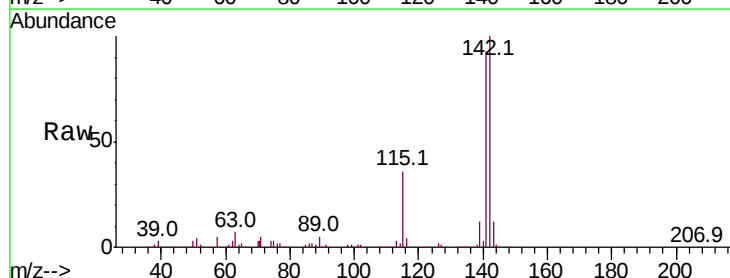


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

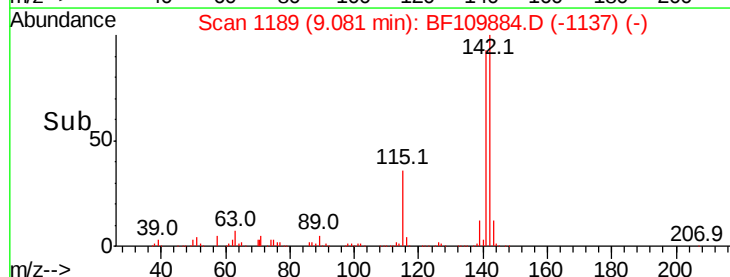
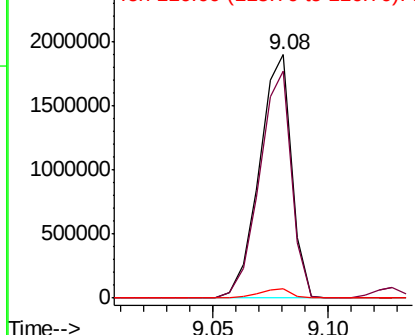


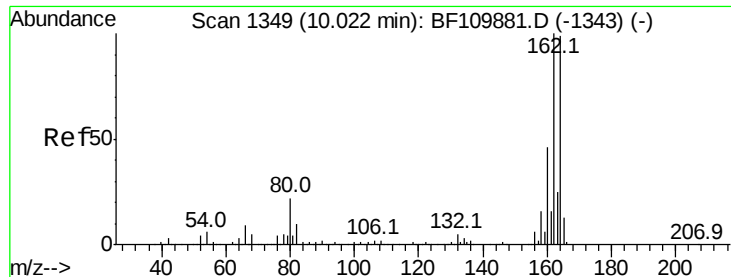
#38
1-Methylnaphthalene
Concen: 64.509 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:142 Resp: 1843871
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

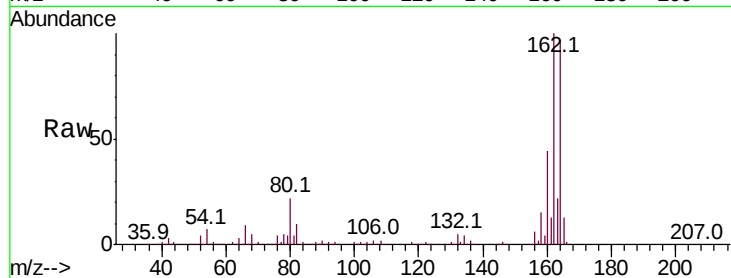
Tot Ion:164 Resp: 434604

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

160 45.5 37.0 55.6

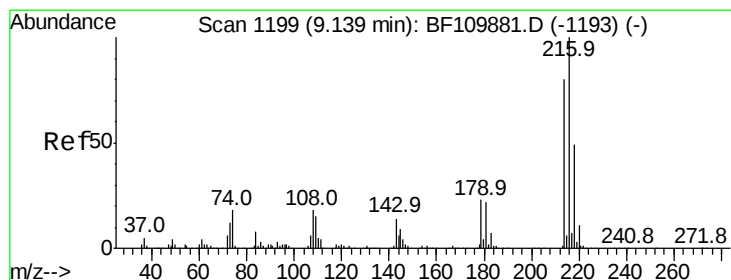
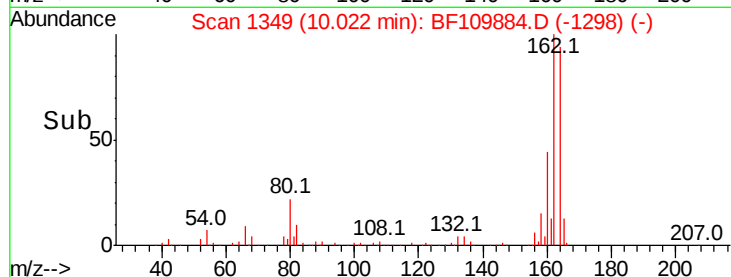
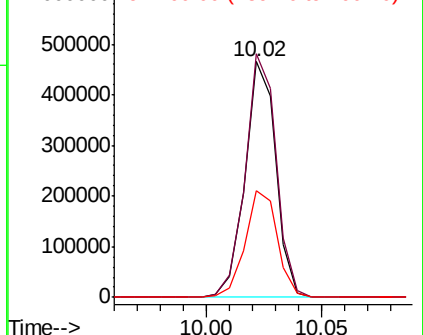


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.539 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:216 Resp: 925198

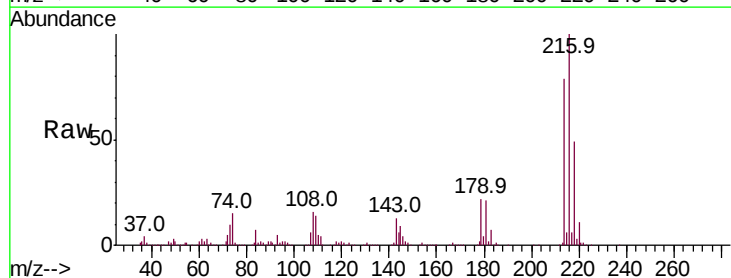
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 23.0 16.6 25.0

108 20.6 15.1 22.7



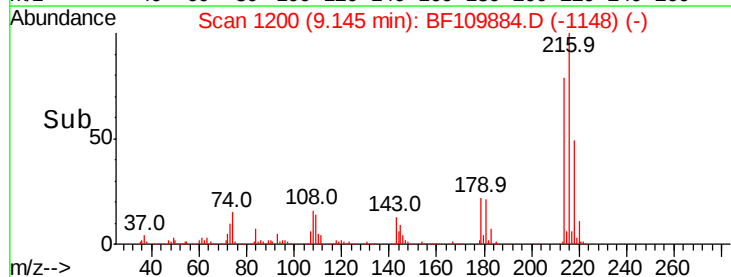
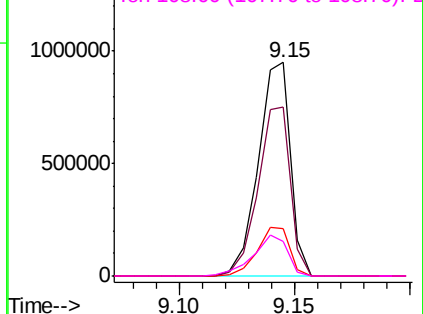
Abundance

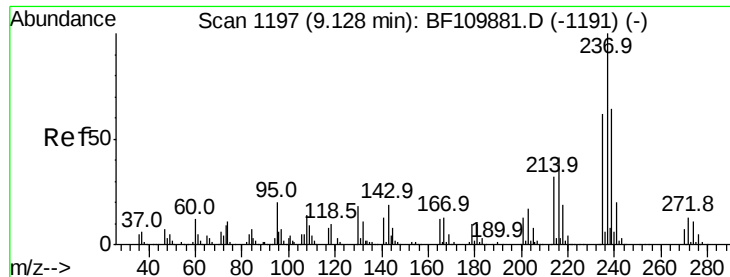
Ion 216.00 (215.70 to 216.70): E

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

Hexachlorocyclopentadiene

Concen: 96.520 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

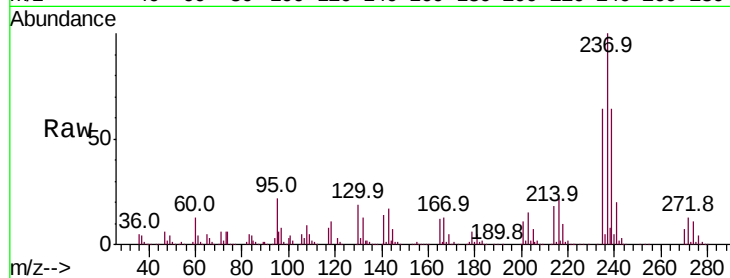
Tot Ion:237 Resp: 521079

Ion Ratio Lower Upper

237 100

235 64.2 43.1 83.1

272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

9.13

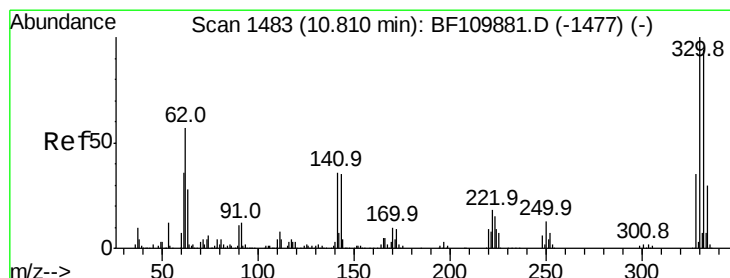
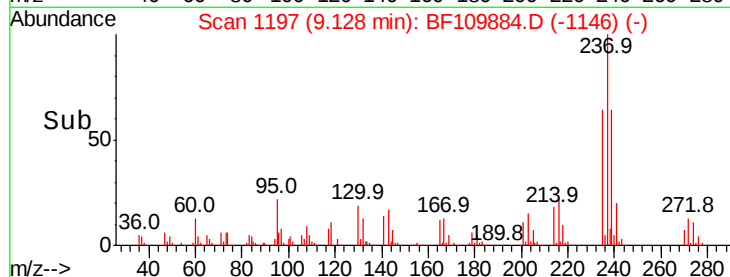
600000

400000

200000

0

Time-->



#42

2,4,6-Tribromophenol

Concen: 119.216 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

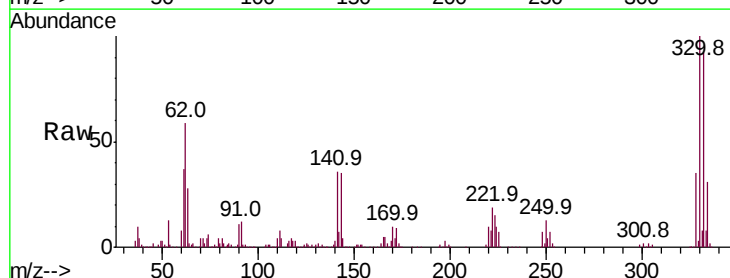
Tgt Ion:330 Resp: 564544

Ion Ratio Lower Upper

330 100

332 94.4 77.1 115.7

141 35.6 27.0 40.4



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

10.82

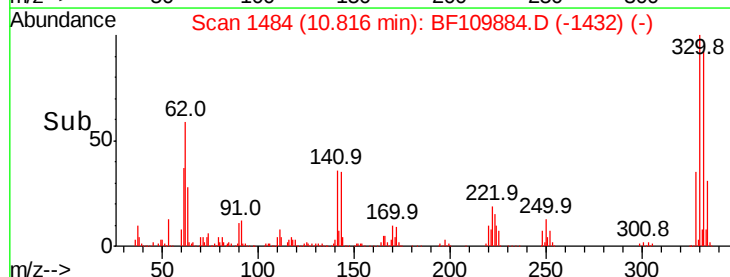
600000

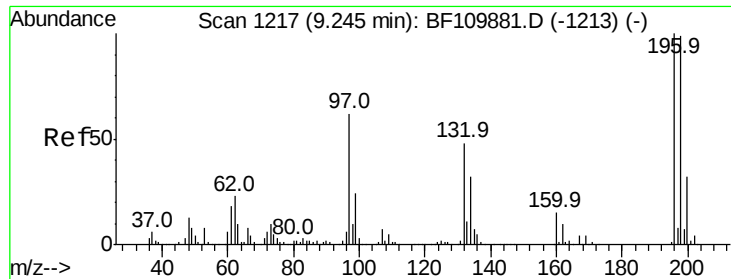
400000

200000

0

Time-->

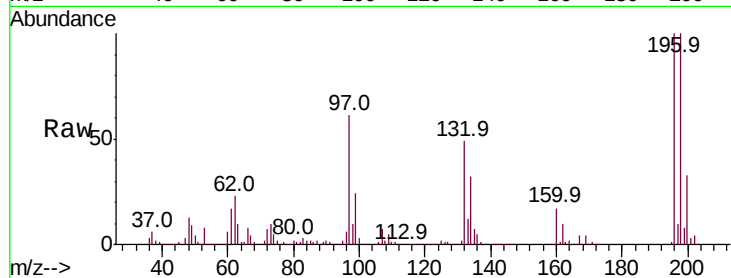




#43
 2,4,6-Trichlorophenol
 Concen: 73.368 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	76.2	114.4
200	33.0	24.4	36.6

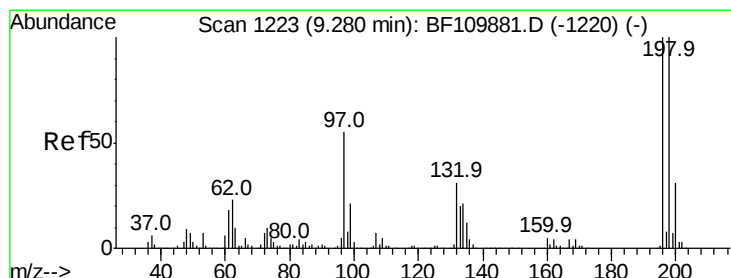
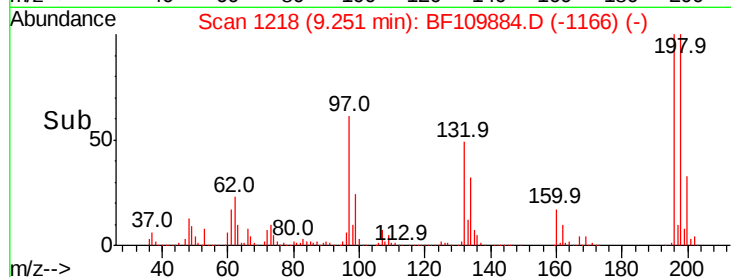
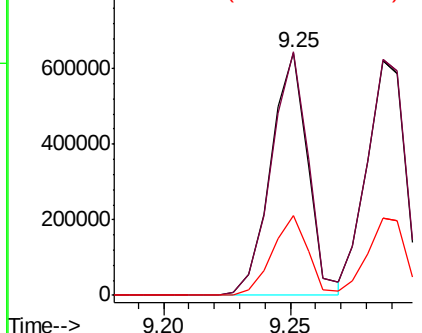


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 64.574 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	75.8	113.6
97	57.6	42.4	63.6
132	32.3	22.8	34.2

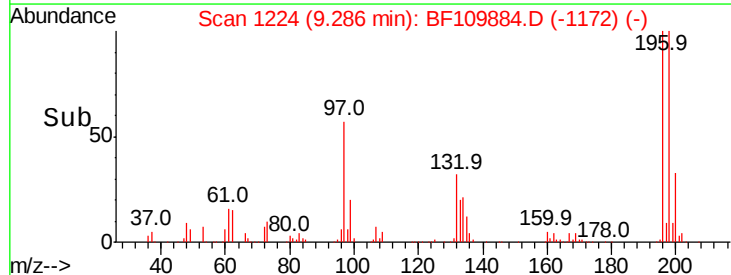
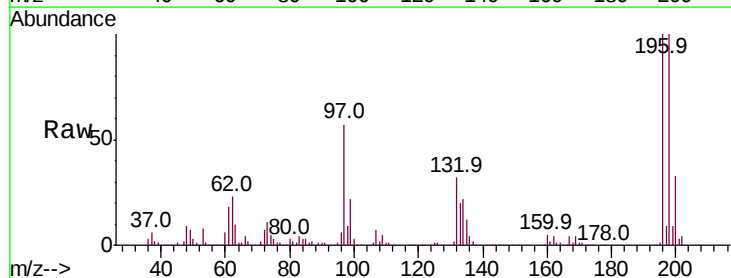
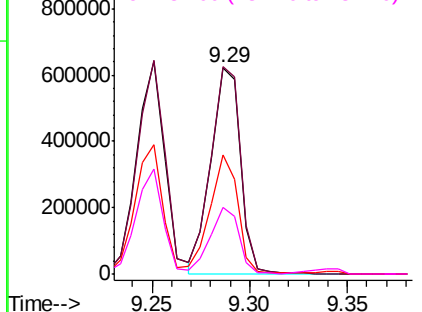
Abundance

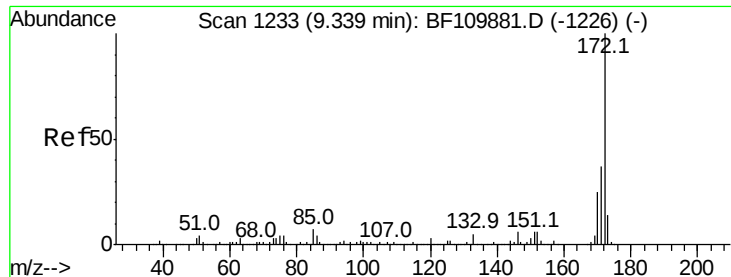
Ion 196.00 (195.70 to 196.70): E

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



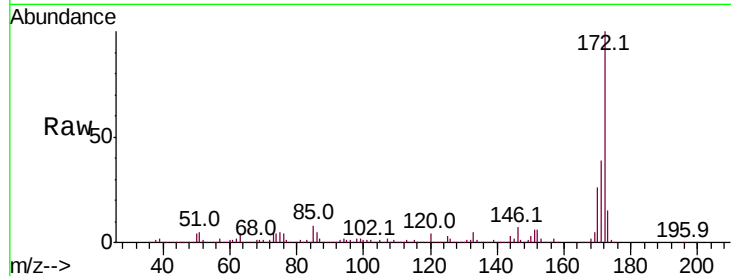


#45
 2-Fluorobiphenyl
 Concen: 109.076 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

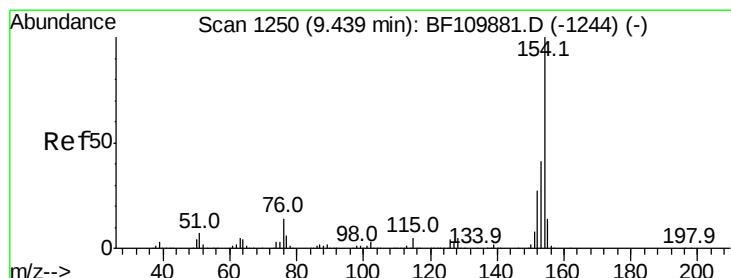
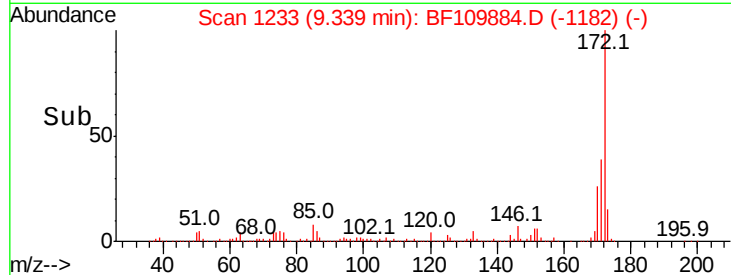
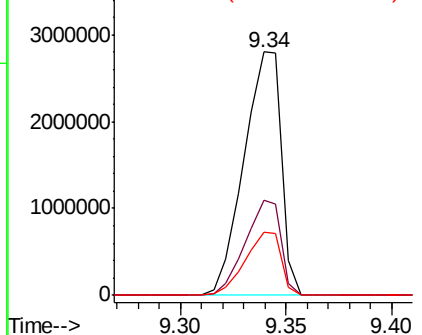
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3441983

Ion	Ratio	Lower	Upper
172	100		
171	38.9	28.6	43.0
170	25.8	19.7	29.5



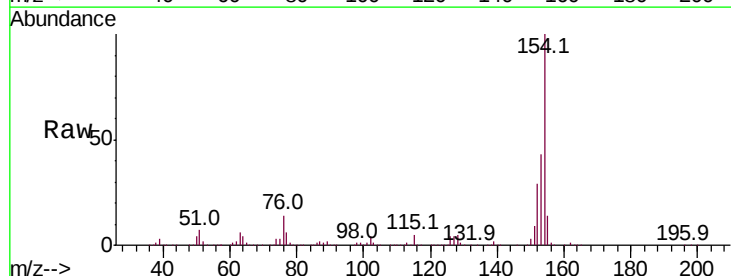
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



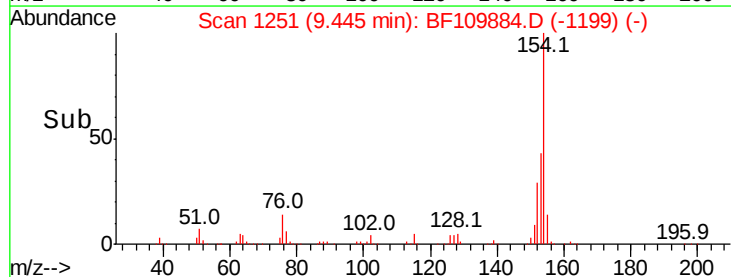
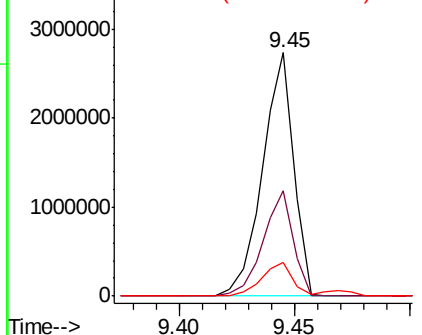
#46
 1,1'-Biphenyl
 Concen: 65.734 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

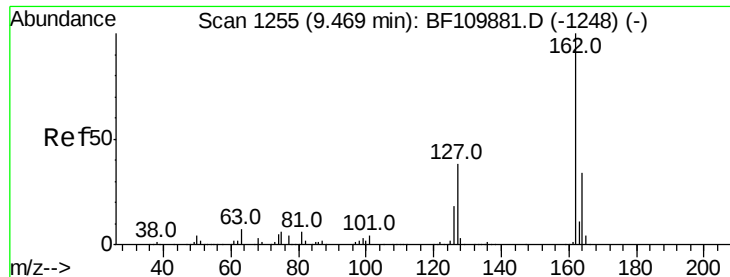
Tgt Ion:154 Resp: 2552140

Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.4	60.4
76	13.8	0.0	31.9



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

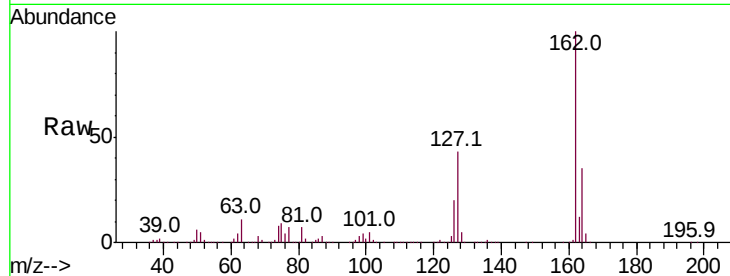




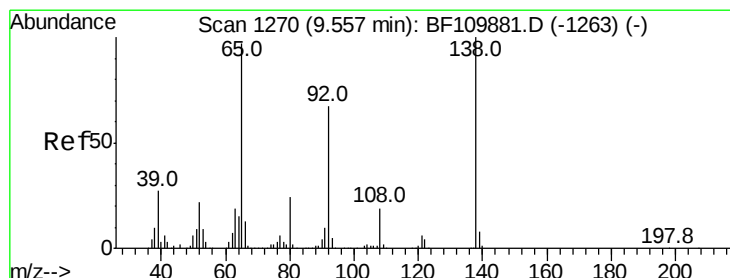
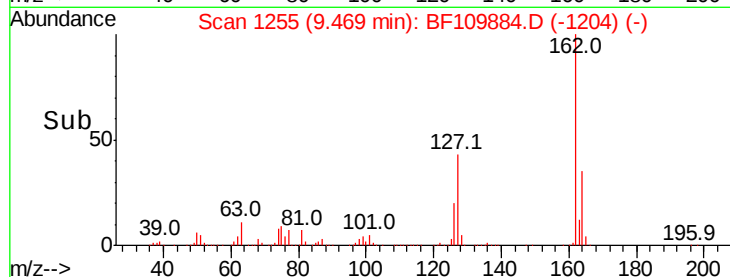
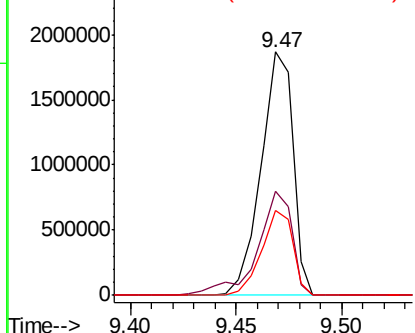
#47
 2-Chloronaphthalene
 Concen: 67.870 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1974174
 Ion Ratio Lower Upper
 162 100
 127 42.7 32.6 48.8
 164 34.8 25.9 38.9

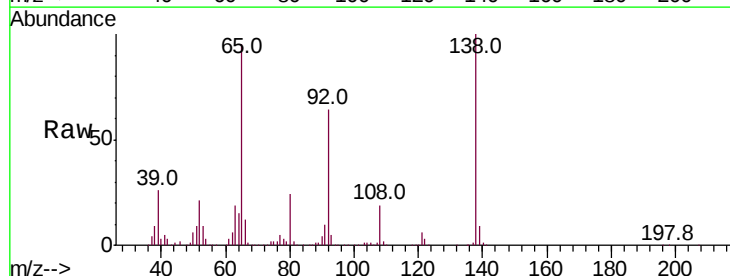


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

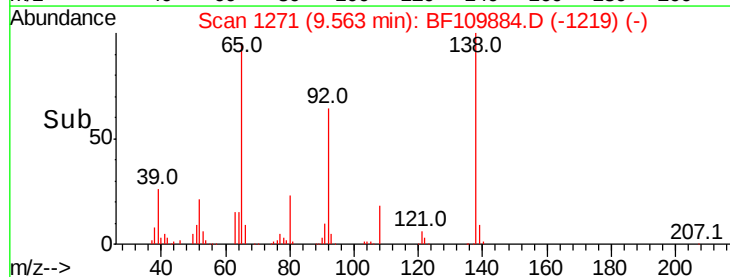
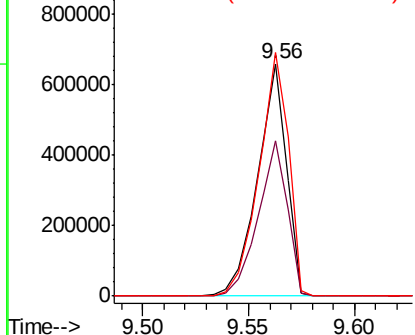


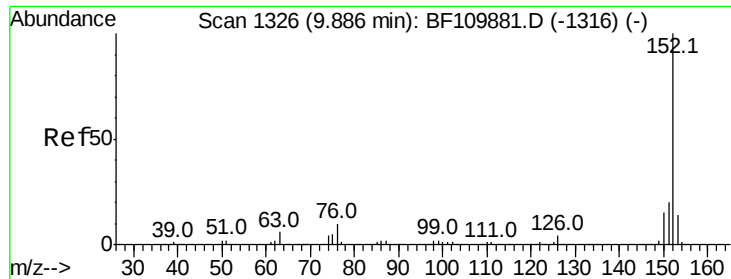
#48
 2-Nitroaniline
 Concen: 71.270 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion: 65 Resp: 627709
 Ion Ratio Lower Upper
 65 100
 92 66.7 54.6 81.8
 138 104.8 80.3 120.5



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): E





#49

Acenaphthylene

Concen: 66.510 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

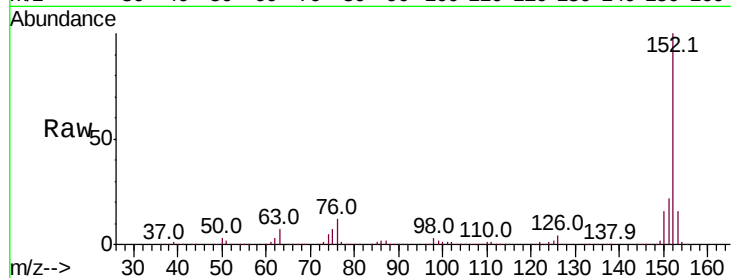
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2820430

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.8	23.8
153	15.6	10.4	15.6

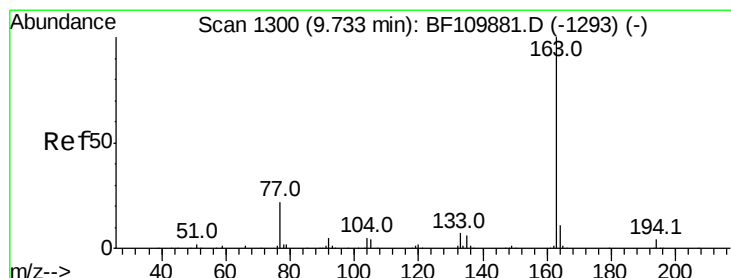
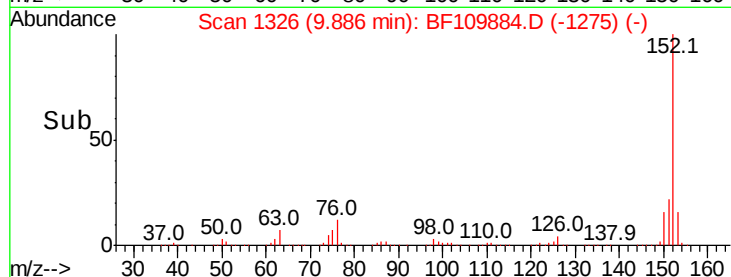
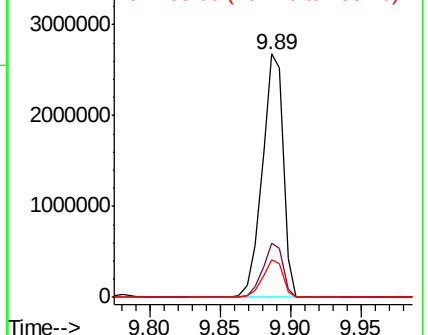


Abundance

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



#50

Dimethylphthalate

Concen: 68.698 ng

RT: 9.75 min Scan# 1302

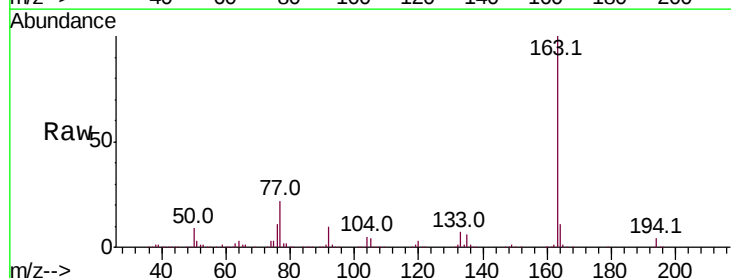
Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:163 Resp: 2189672

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.8	8.1	12.1

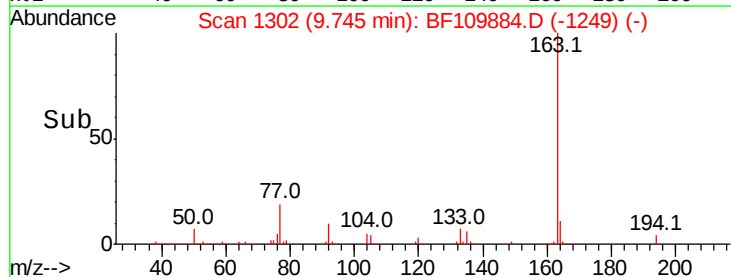
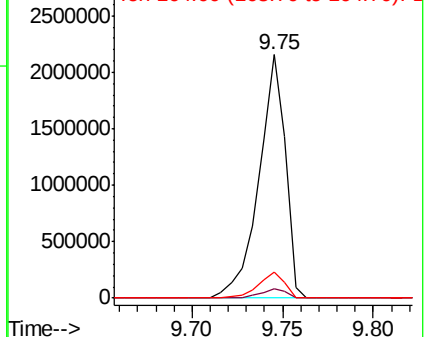


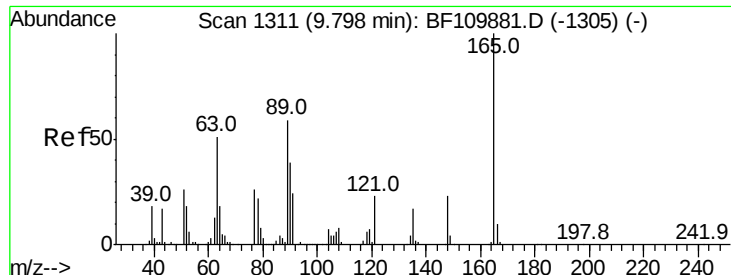
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 71.763 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

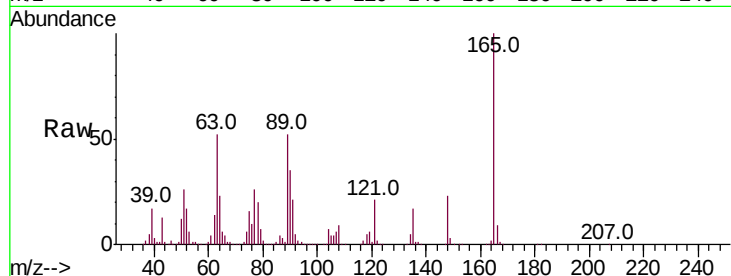
Tot Ion:165 Resp: 495825

Ion Ratio Lower Upper

165 100

63 51.8 48.9 73.3

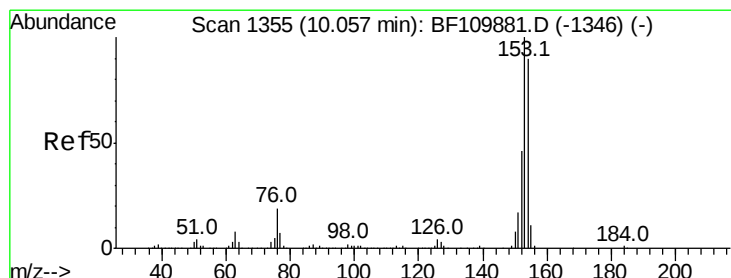
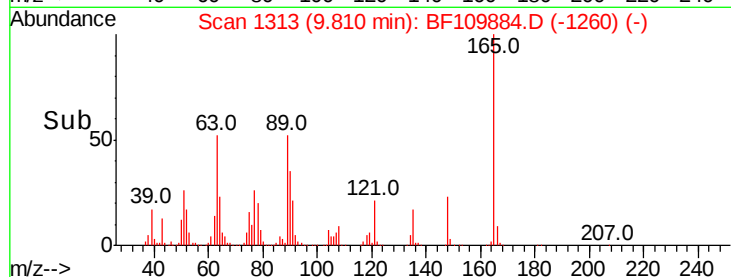
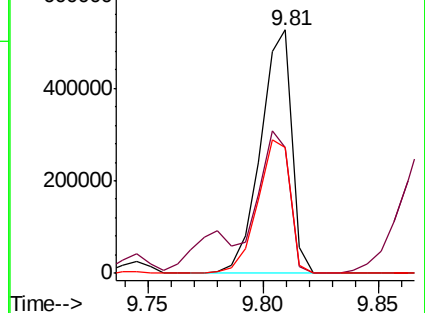
89 51.6 46.6 69.8



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



#52

Acenaphthene

Concen: 72.851 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

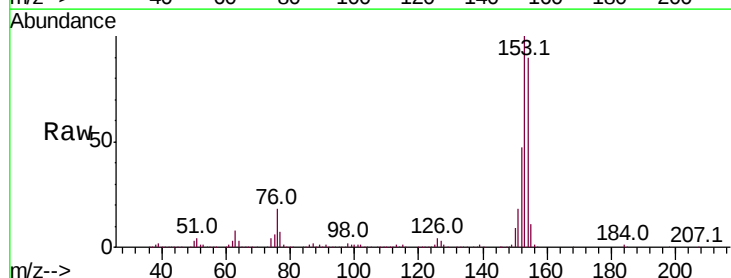
Tgt Ion:154 Resp: 1831347

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

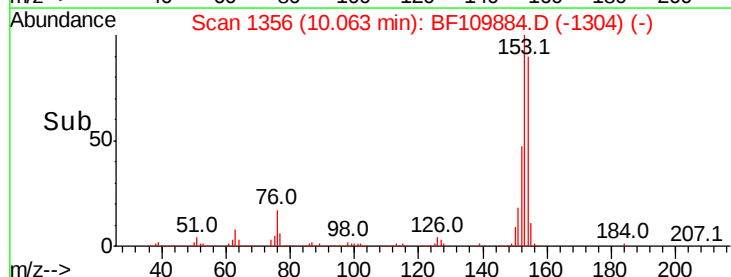
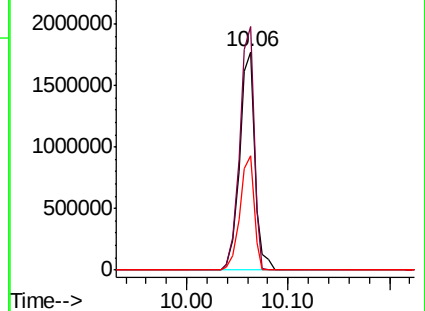
152 52.5 43.4 65.2

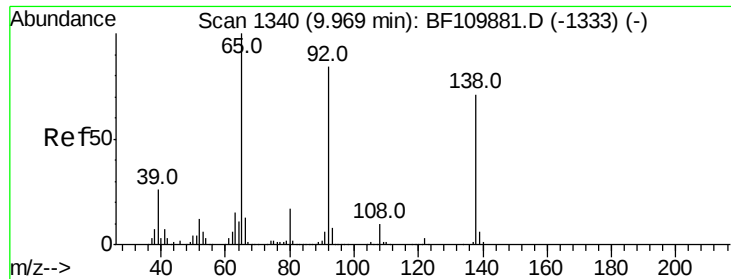


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

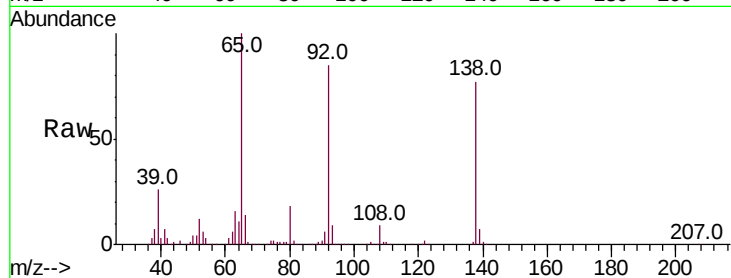




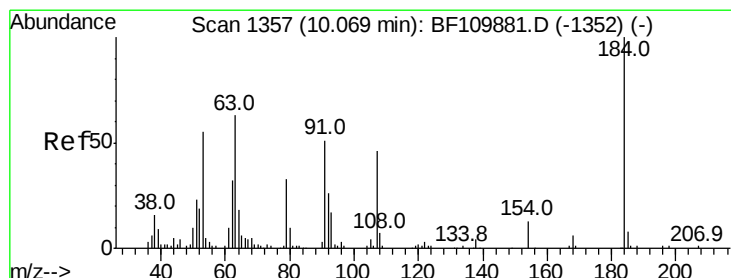
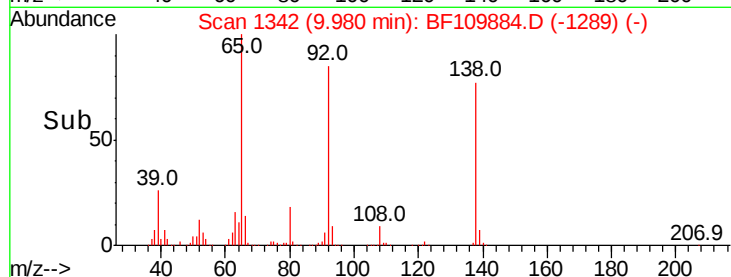
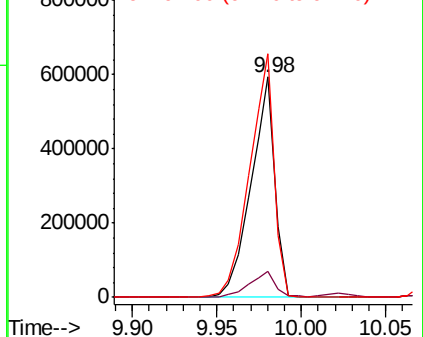
#53
3-Nitroaniline
Concen: 75.369 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 583728
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 110.7 97.0 145.4

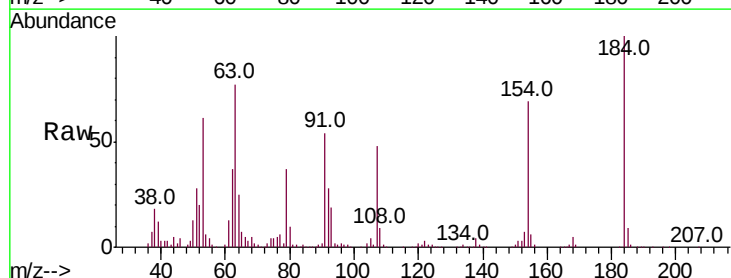


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

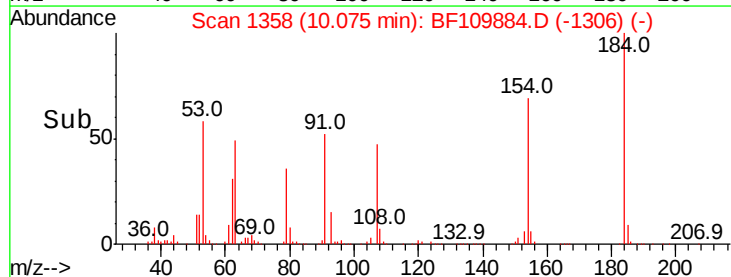
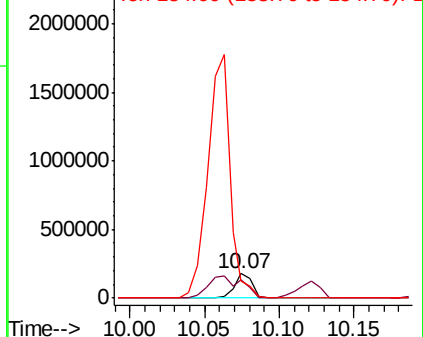


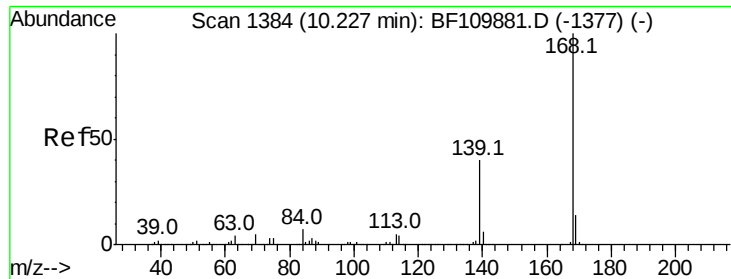
#54
2,4-Dinitrophenol
Concen: 68.651 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:184 Resp: 153034
Ion Ratio Lower Upper
184 100
63 77.1 55.8 83.6
154 69.2 63.2 94.8



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





#55

Dibenzofuran

Concen: 67.830 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

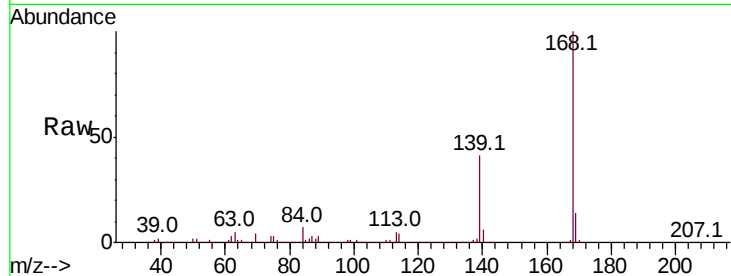
Tot Ion:168 Resp: 2555942

Ion Ratio Lower Upper

168 100

139 40.8 33.0 49.6

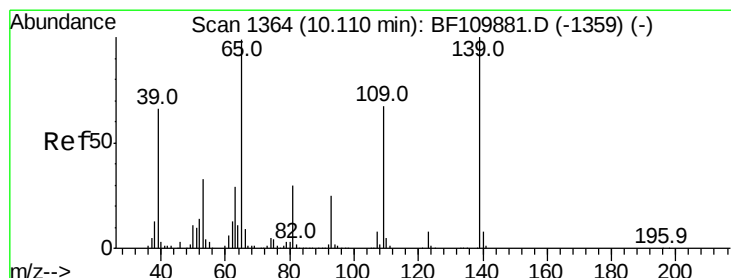
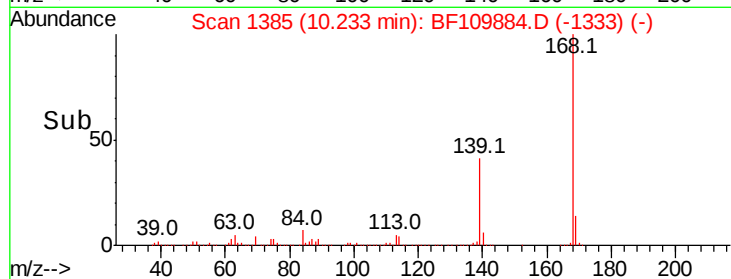
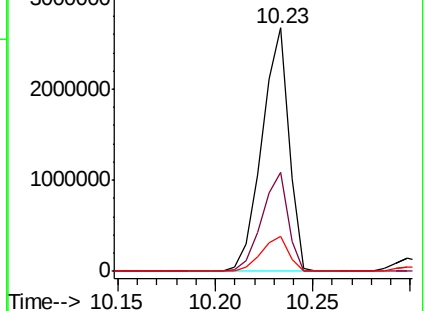
169 14.5 11.3 16.9



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



#56

4-Nitrophenol

Concen: 106.785 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

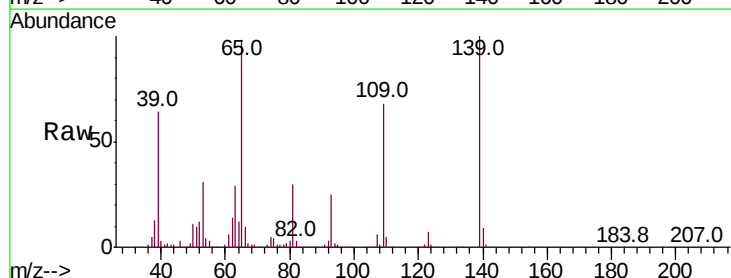
Tgt Ion:139 Resp: 452699

Ion Ratio Lower Upper

139 100

109 68.0 55.8 95.8

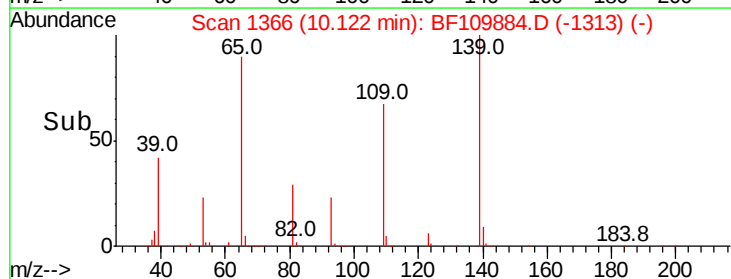
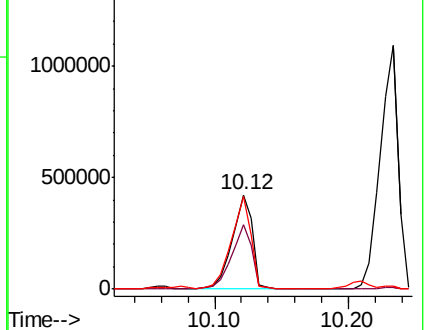
65 98.0 77.9 117.9

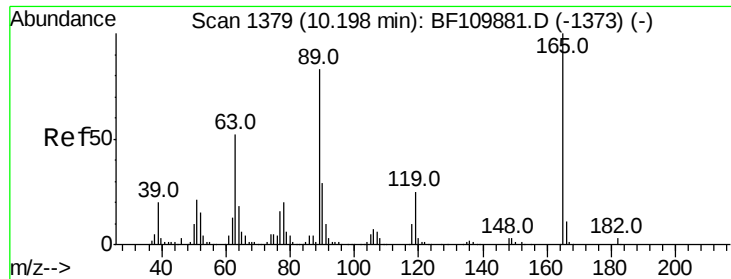


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

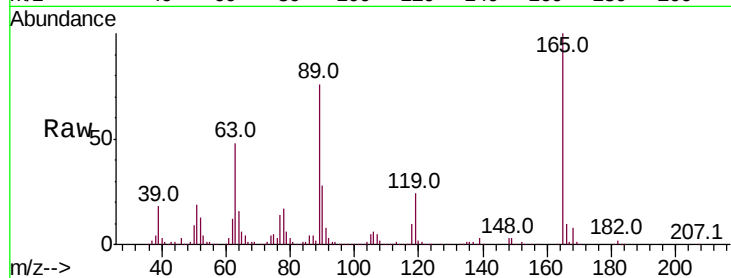




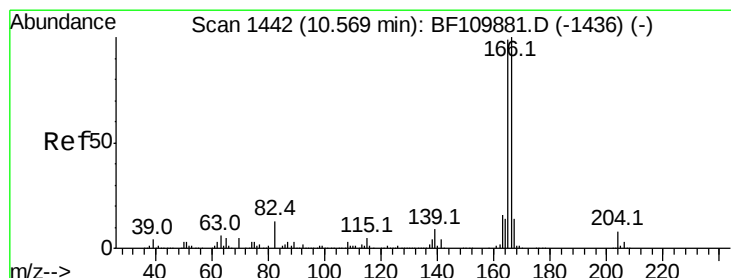
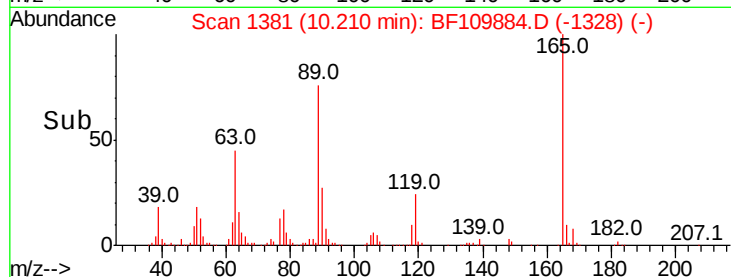
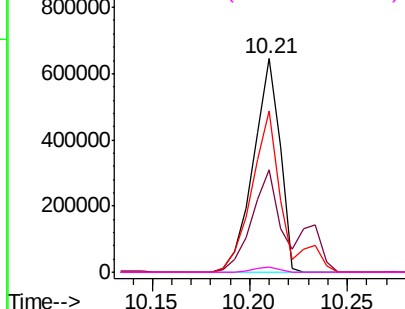
#57
 2,4-Dinitrotoluene
 Concen: 70.862 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	44.8	67.2
89	75.8	62.2	93.4
182	2.4	2.1	3.1

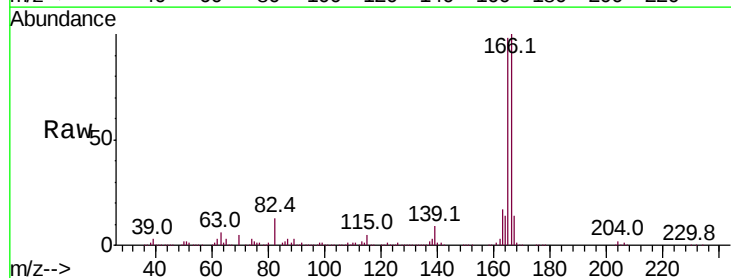


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

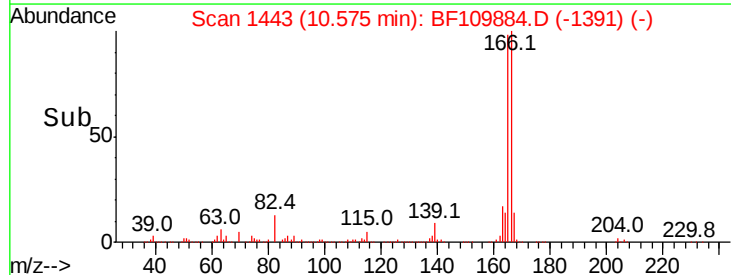
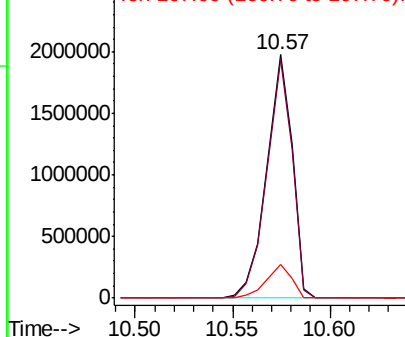


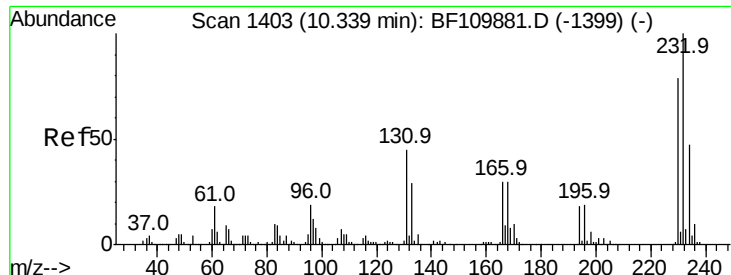
#58
 Fluorene
 Concen: 63.925 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.0	10.8	16.2



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

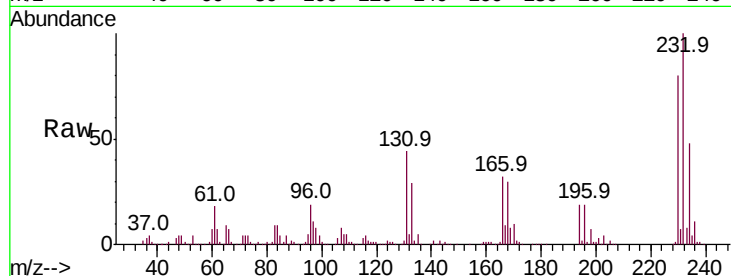




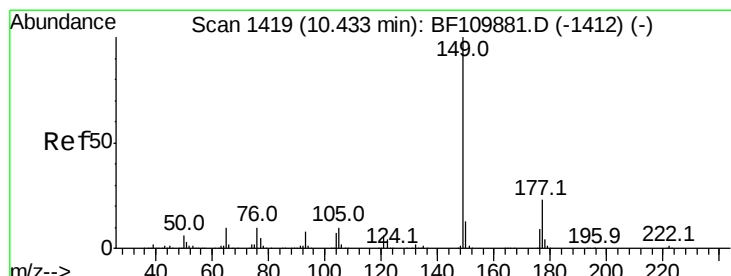
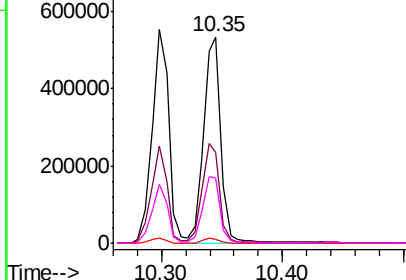
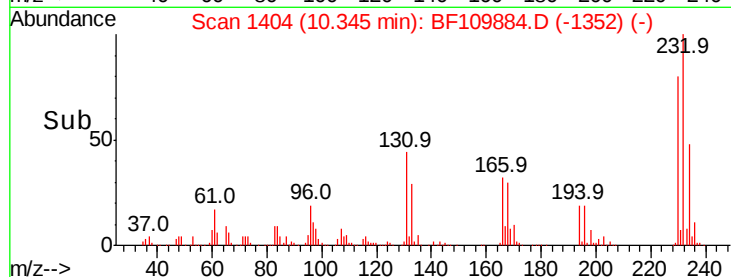
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.621 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 525887
 Ion Ratio Lower Upper
 232 100
 131 48.0 37.0 55.4
 130 2.3 1.8 2.6
 166 32.4 22.0 33.0

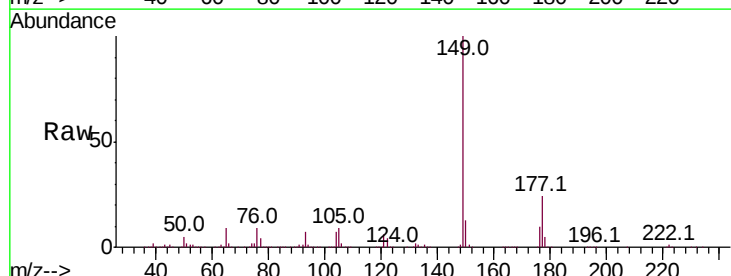


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

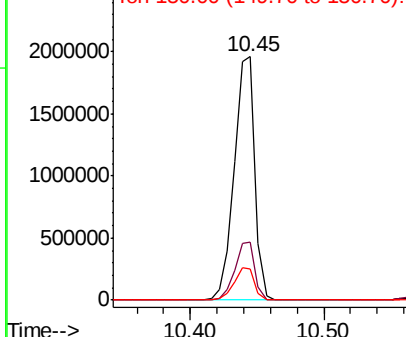
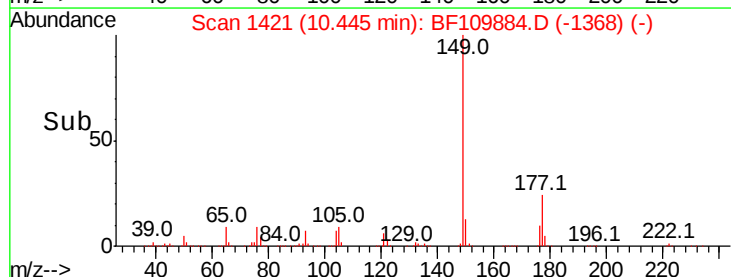


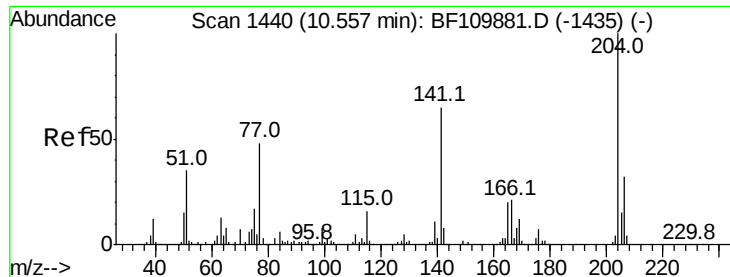
#60
 Diethylphthalate
 Concen: 67.107 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:149 Resp: 2119344
 Ion Ratio Lower Upper
 149 100
 177 23.9 17.4 26.2
 150 12.7 9.8 14.8



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

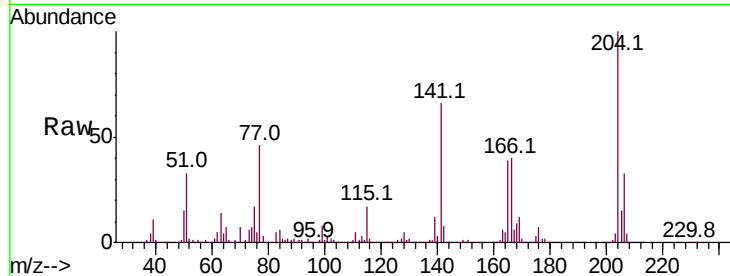




#61
4-Chlorophenyl-phenylether
Concen: 63.343 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	65.6	51.8	77.8

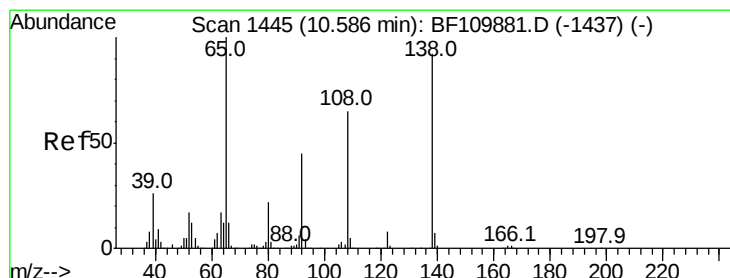
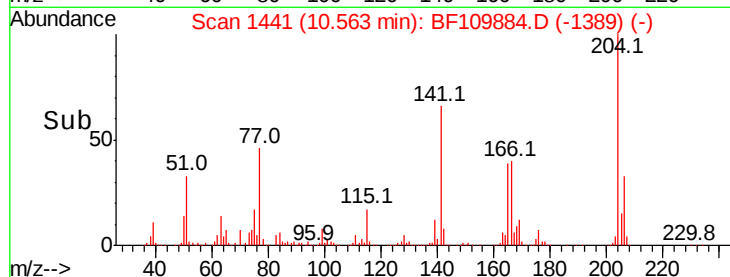
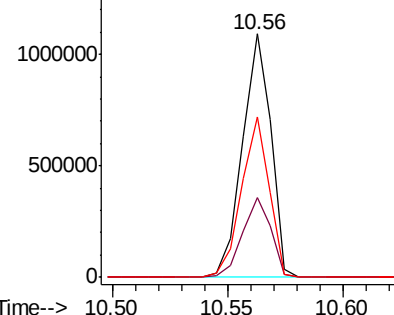


Abundance

Ion 204.00 (203.70 to 204.70): E

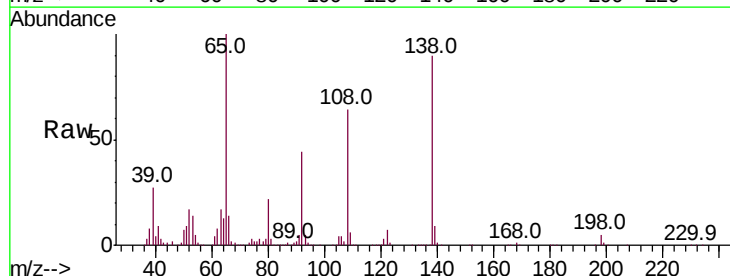
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 77.228 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	71.1	59.3	99.3

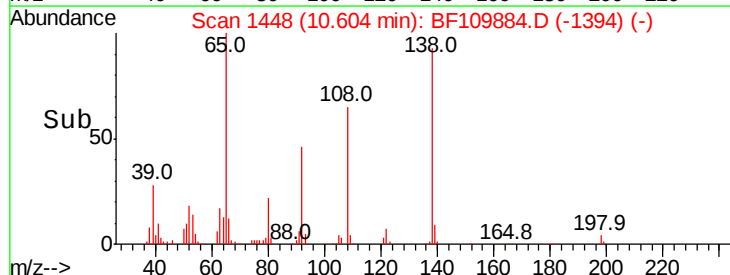
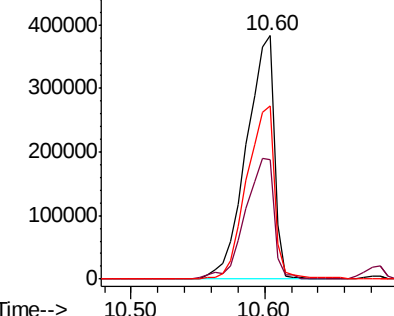


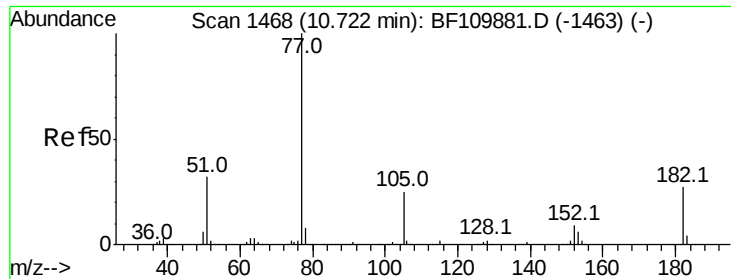
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

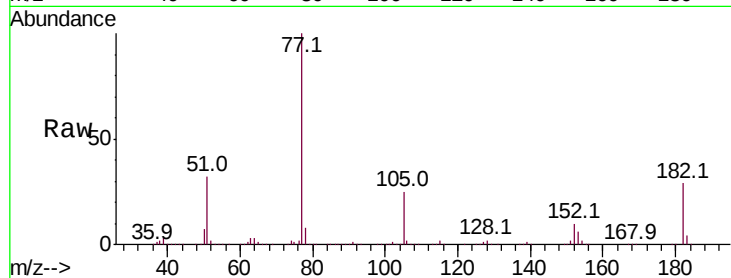




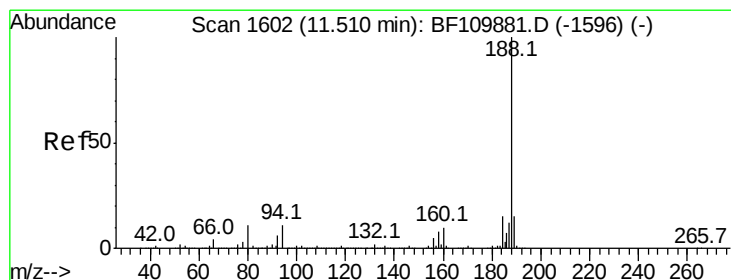
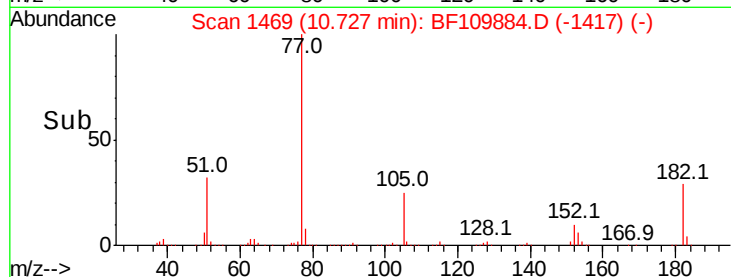
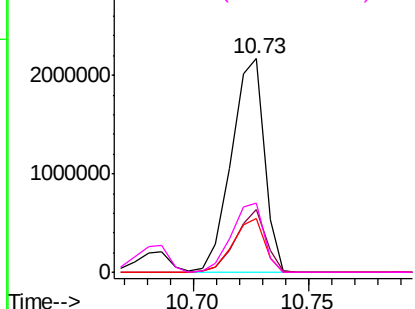
#63
Azobenzene
Concen: 67.240 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2156399
Ion Ratio Lower Upper
77 100
182 29.3 4.3 44.3
105 25.2 1.3 41.3
51 32.1 9.0 49.0

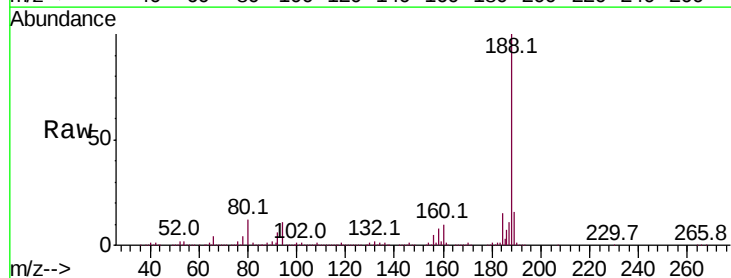


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

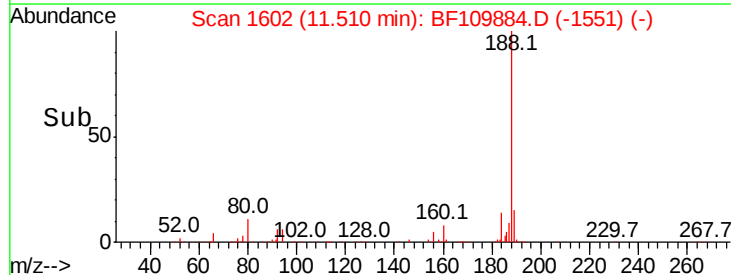
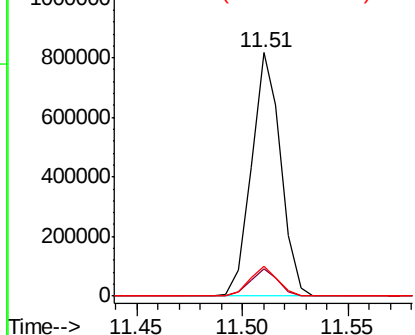


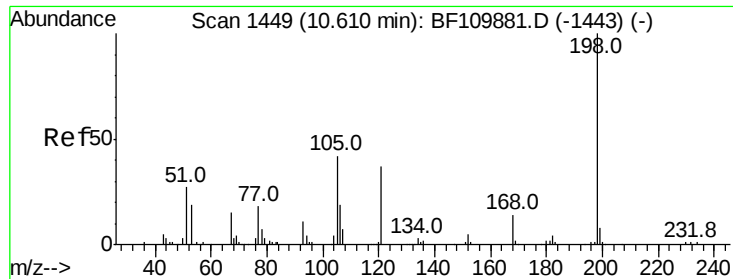
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion: 188 Resp: 783312
Ion Ratio Lower Upper
188 100
94 11.5 7.2 10.8#
80 12.1 7.9 11.9#



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

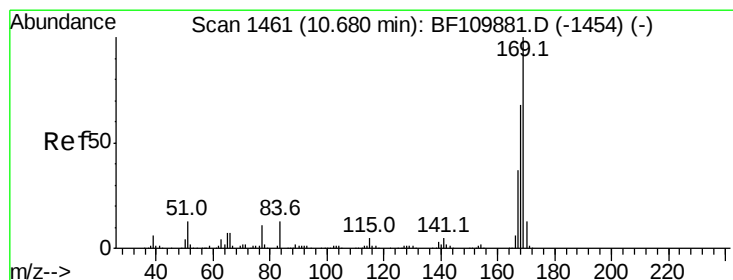
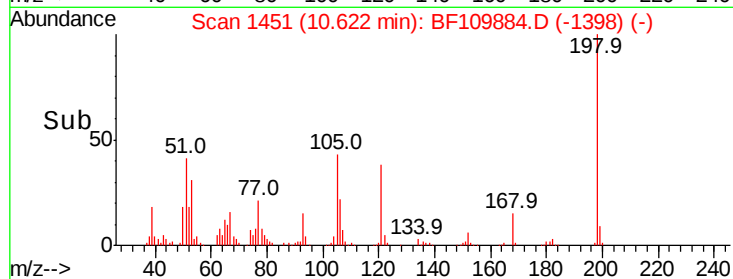
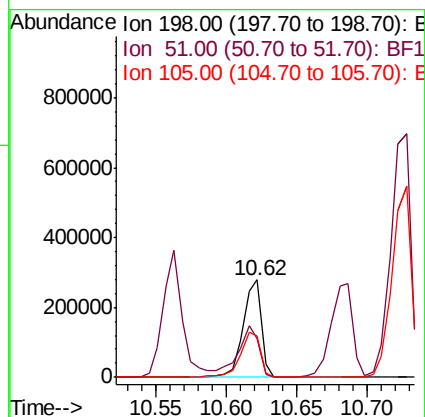
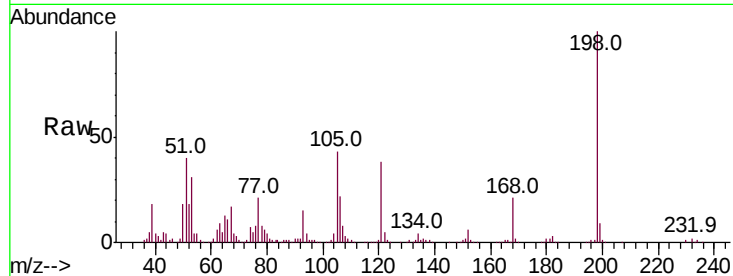




#65
4,6-Dinitro-2-methylphenol
Concen: 65.431 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

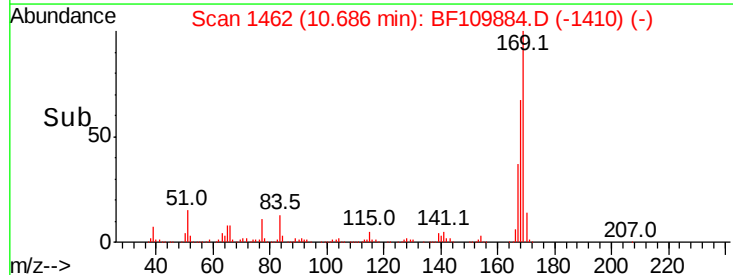
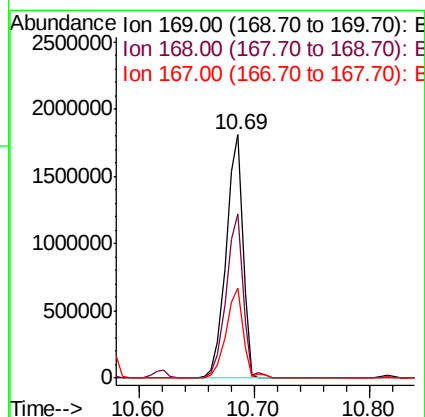
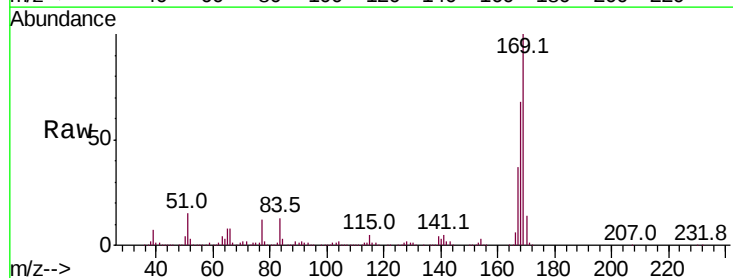
Instrument :
BNA_F
ClientSampled :

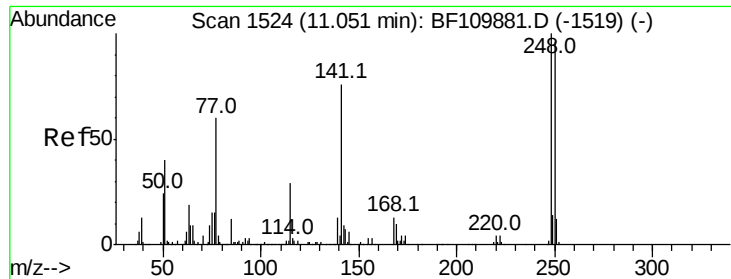
Tot Ion:198 Resp: 249461
Ion Ratio Lower Upper
198 100
51 40.5 22.8 62.8
105 42.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 68.770 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:169 Resp: 1826143
Ion Ratio Lower Upper
169 100
168 67.5 51.2 76.8
167 37.1 27.8 41.6

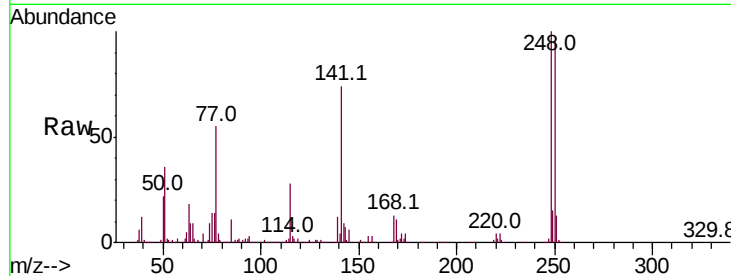




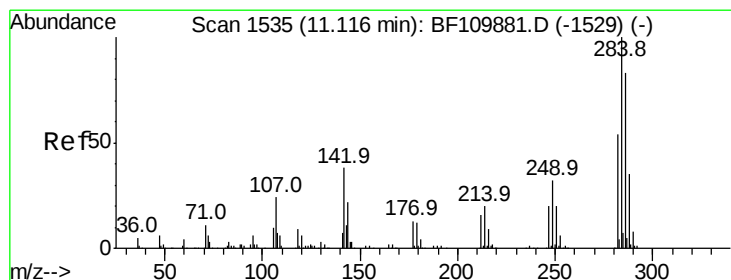
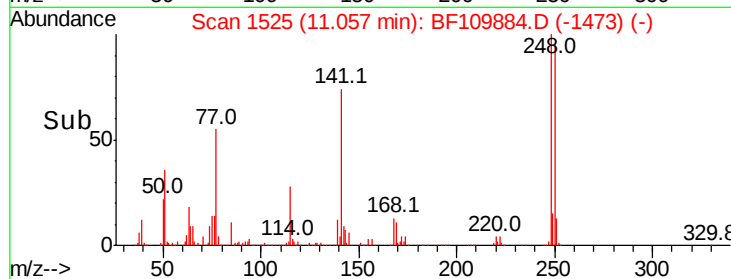
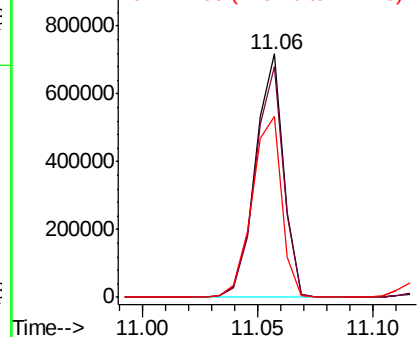
#67
4-Bromophenyl-phenylether
Concen: 67.730 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 609596
Ion Ratio Lower Upper
248 100
250 94.8 79.4 119.2
141 74.3 55.9 83.9

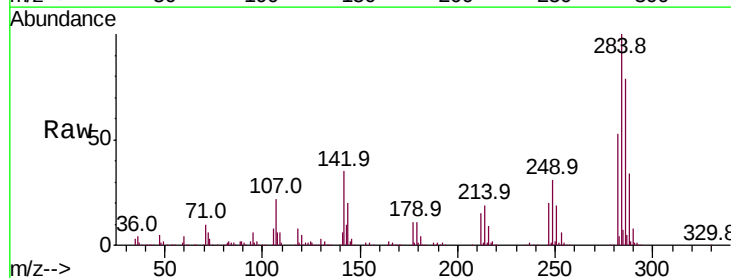


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

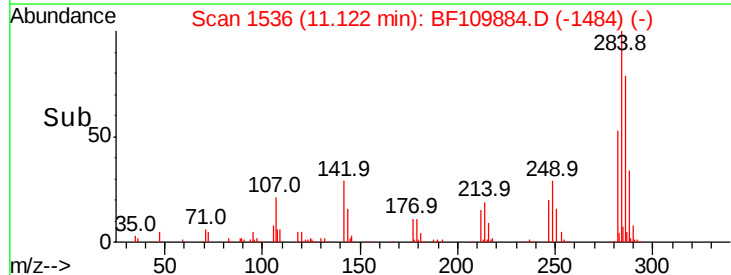
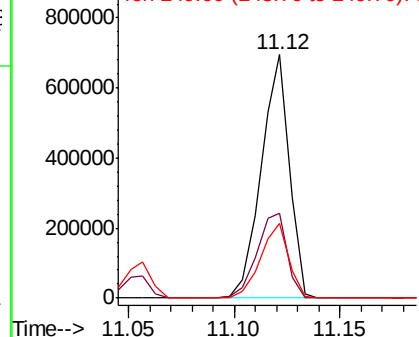


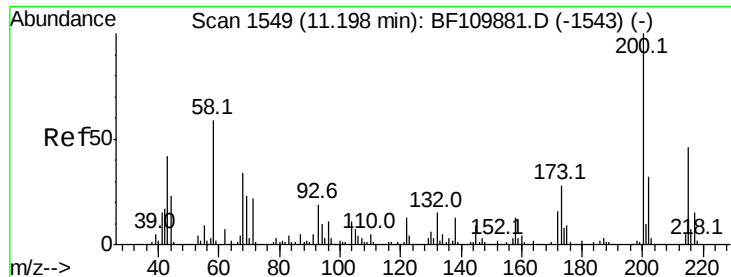
#68
Hexachlorobenzene
Concen: 65.877 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:284 Resp: 642040
Ion Ratio Lower Upper
284 100
142 34.7 23.9 35.9
249 30.8 24.2 36.2



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

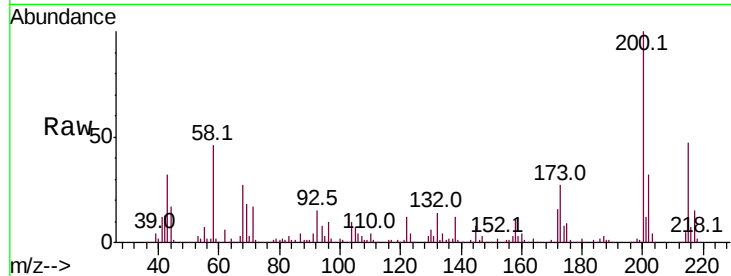




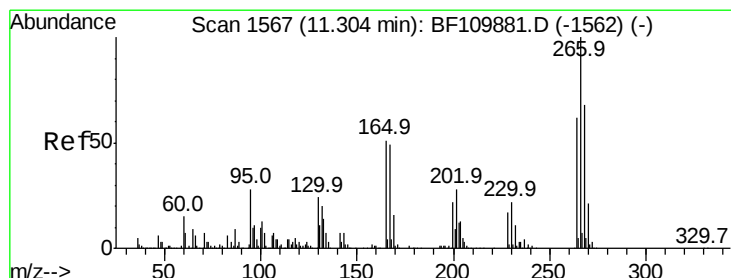
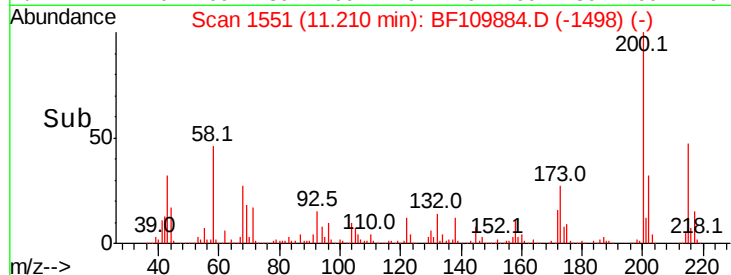
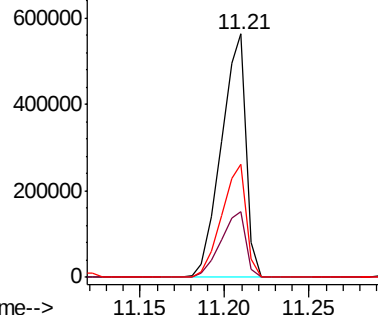
#69
Atrazine
Concen: 69.523 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 576152
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 46.6 26.3 66.3

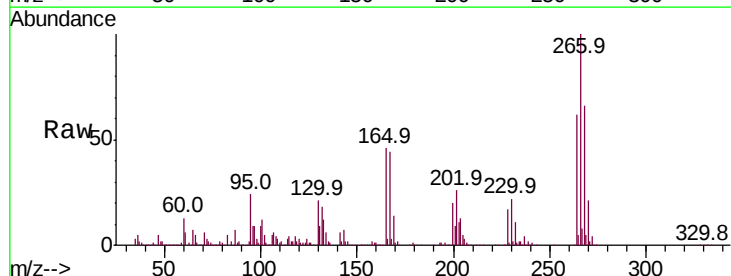


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

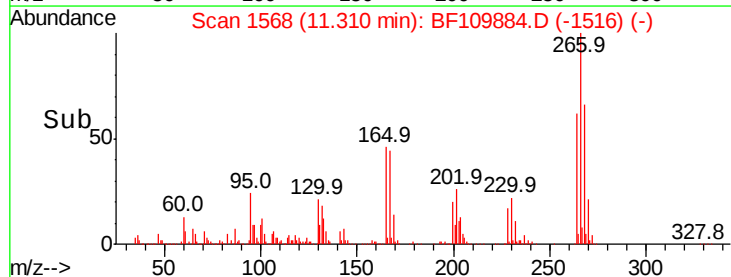
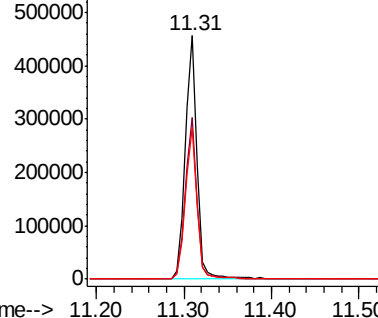


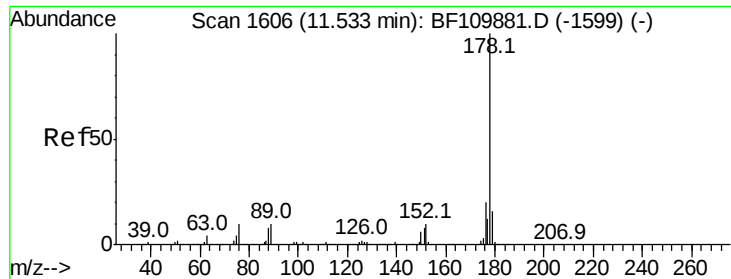
#70
Pentachlorophenol
Concen: 78.155 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:266 Resp: 428614
Ion Ratio Lower Upper
266 100
268 66.3 50.6 75.8
264 62.0 50.6 75.8



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





#71

Phenanthrene

Concen: 69.294 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

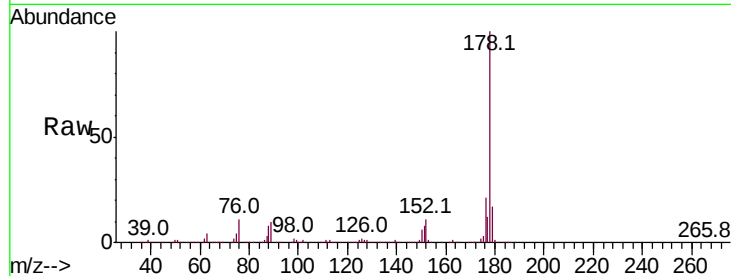
Tot Ion:178 Resp: 2716314

Ion Ratio Lower Upper

178 100

176 21.3 15.5 23.3

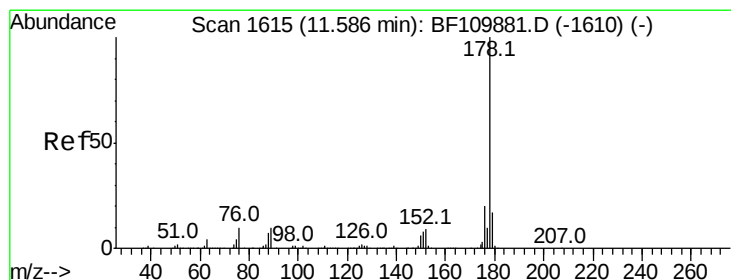
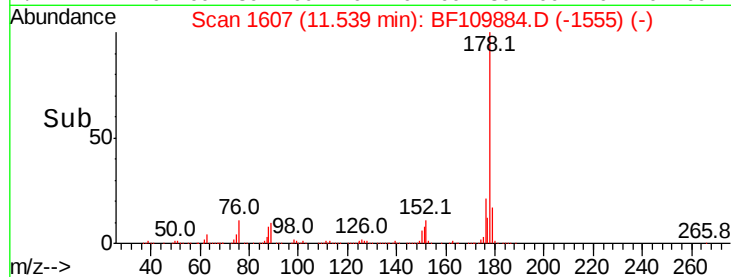
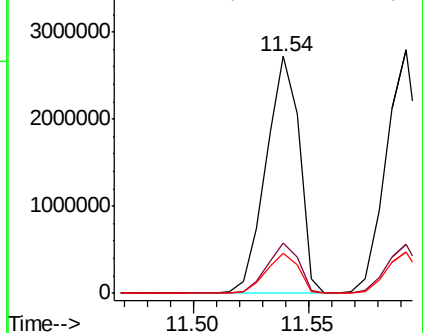
179 17.0 12.5 18.7



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

Anthracene

Concen: 67.936 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

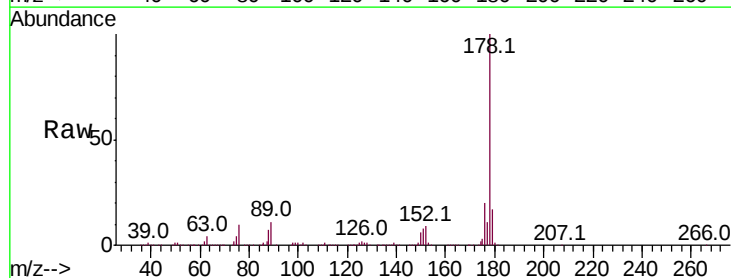
Tgt Ion:178 Resp: 2752892

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.2

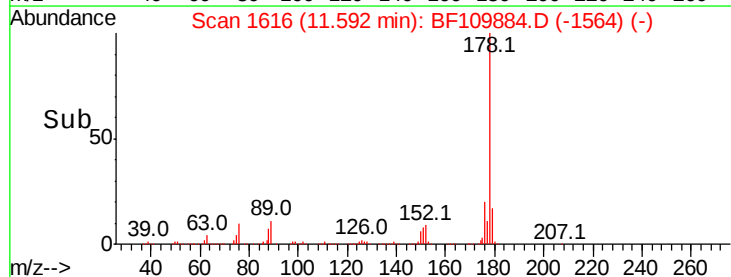
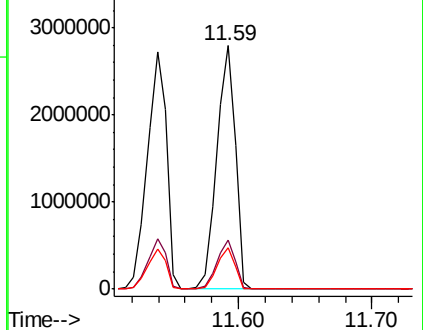
179 16.8 12.6 18.8

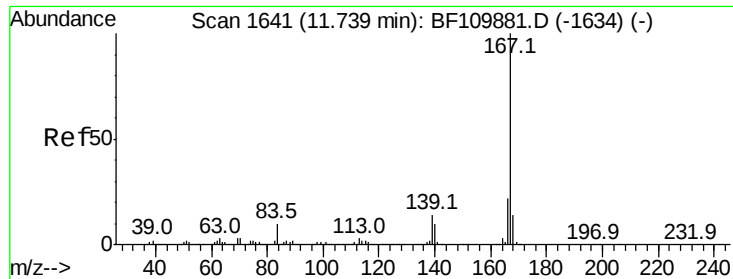


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



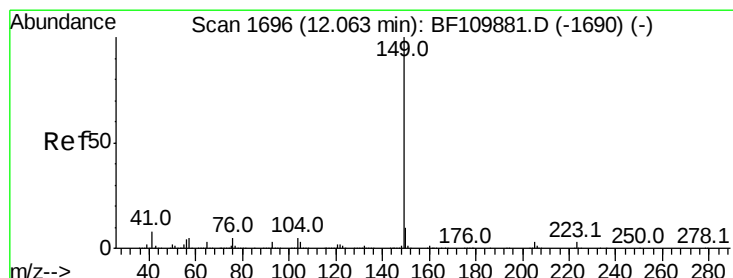
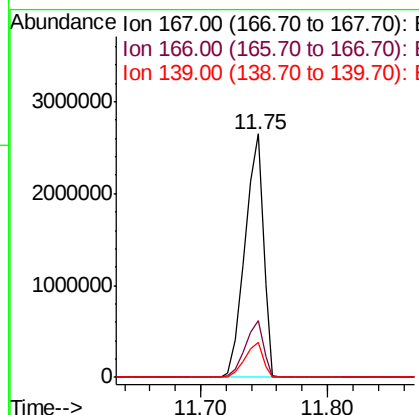
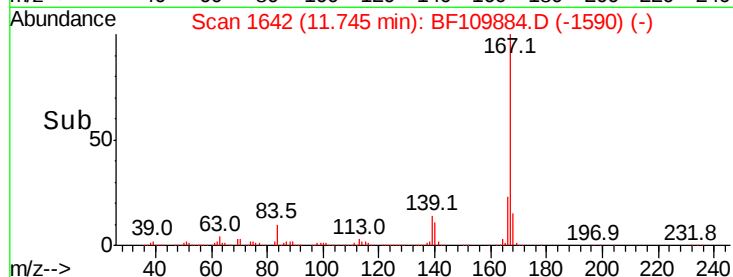
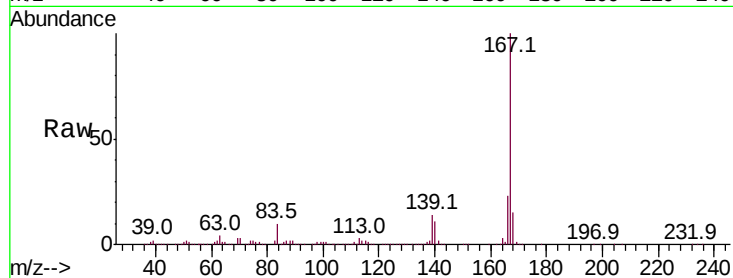


#73
 Carbazole
 Concen: 67.679 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2659863

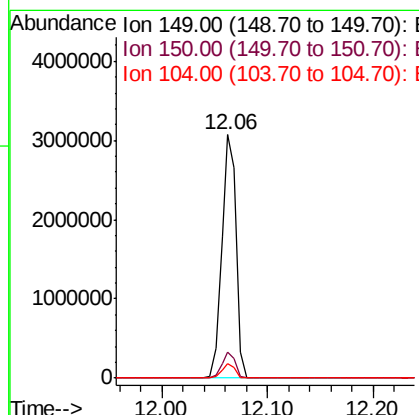
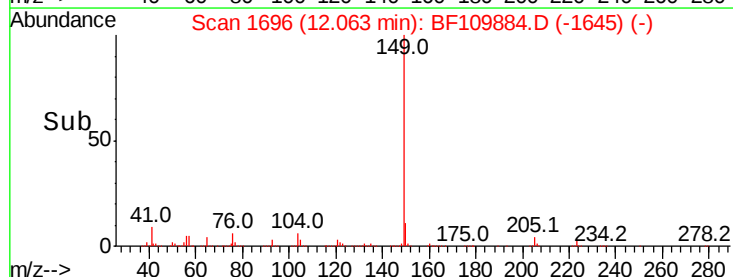
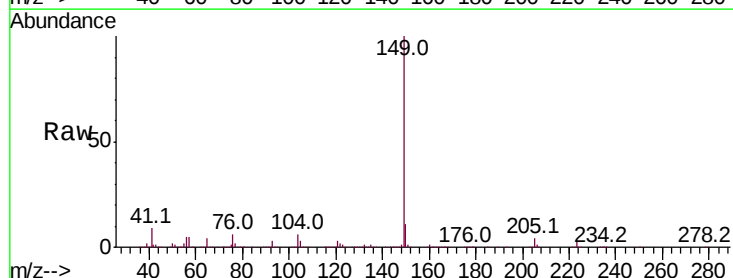
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.4	26.0
139	14.5	10.9	16.3

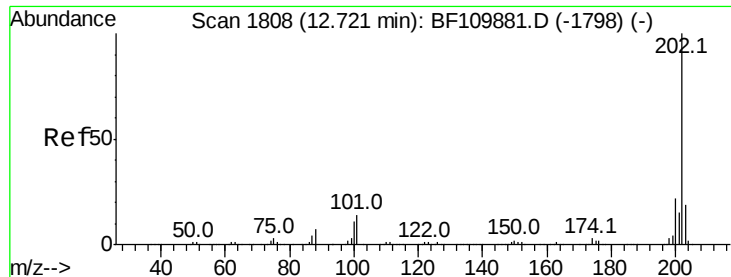


#74
 Di-n-butylphthalate
 Concen: 64.000 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:149 Resp: 2917312

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.7	11.5
104	5.9	4.2	6.4

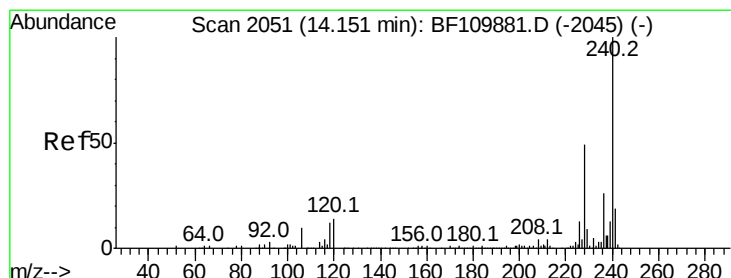
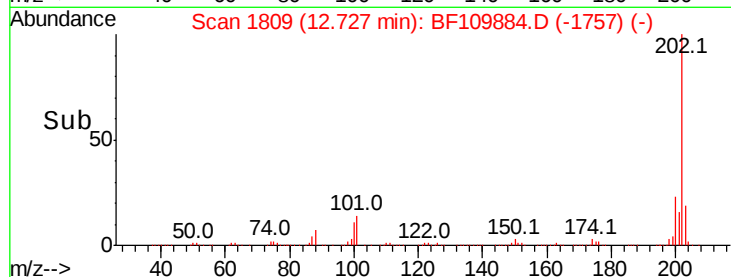
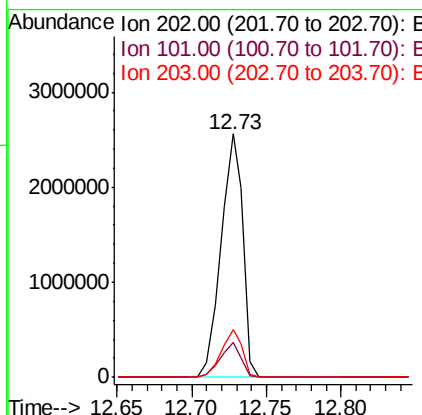
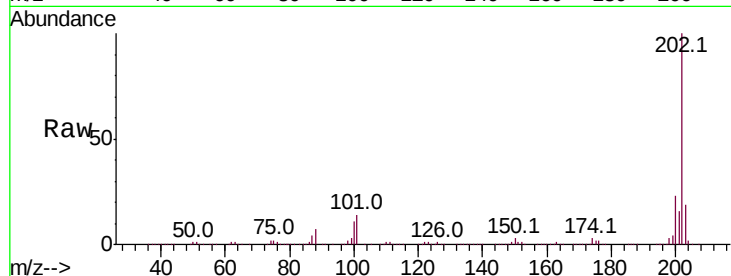




#75
 Fluoranthene
 Concen: 64.153 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

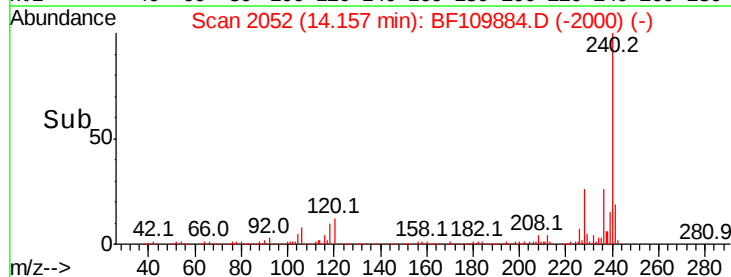
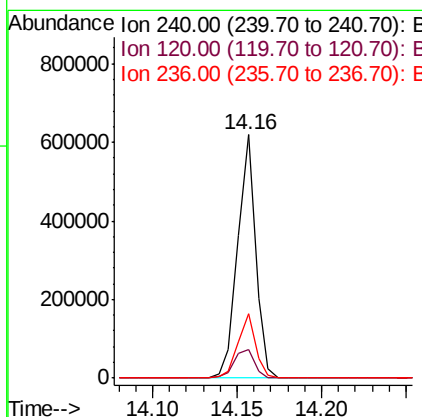
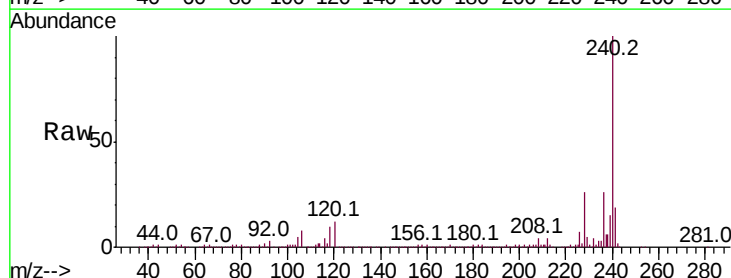
Instrument :
 BNA_F
 ClientSampleId :

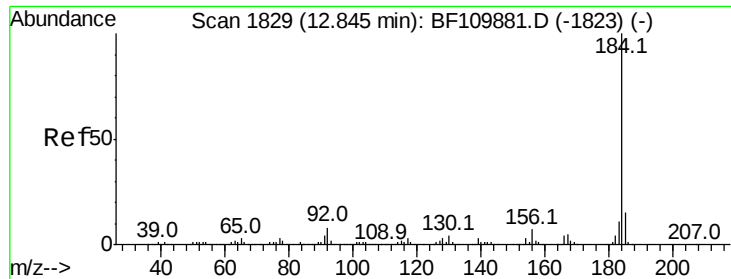
Tot Ion:202 Resp: 2627170
 Ion Ratio Lower Upper
 202 100
 101 14.4 0.0 31.4
 203 19.4 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:240 Resp: 459862
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 26.2 21.2 31.8





#77

Benzidine

Concen: 68.680 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

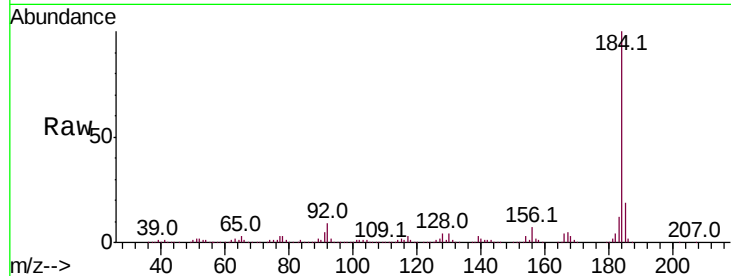
Tot Ion:184 Resp: 1173249

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.2

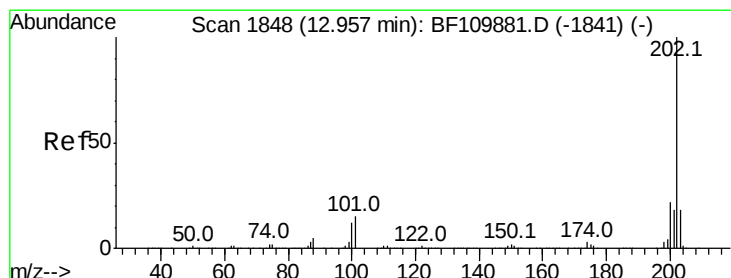
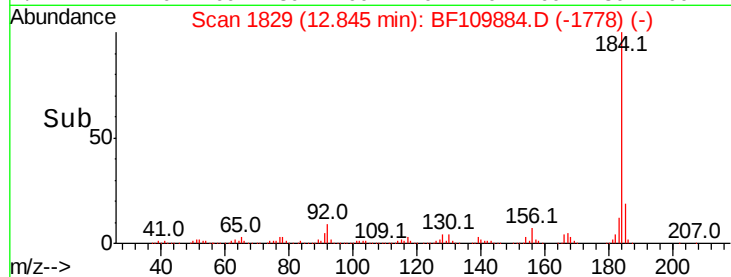
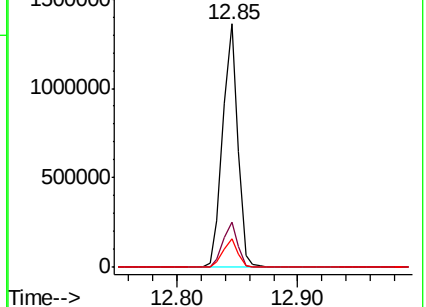
183 12.0 9.4 14.2



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



#78

Pyrene

Concen: 79.150 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

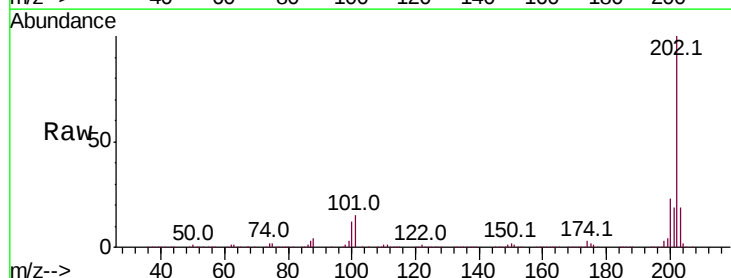
Tgt Ion:202 Resp: 2666756

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.6

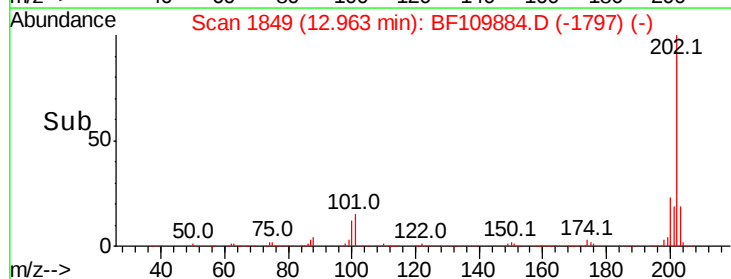
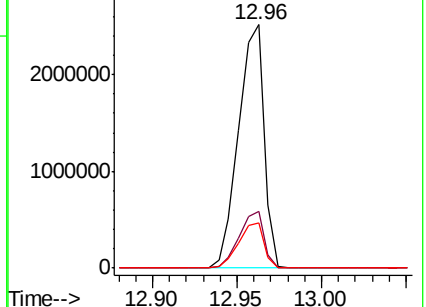
203 18.8 14.2 21.4

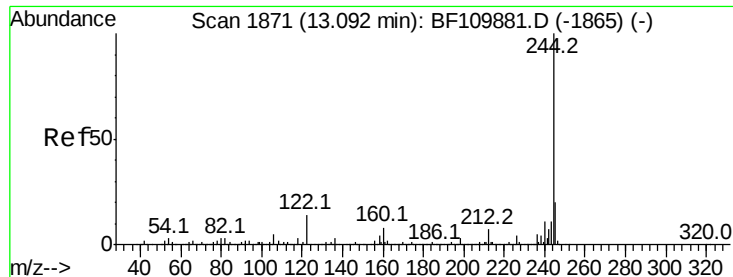


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

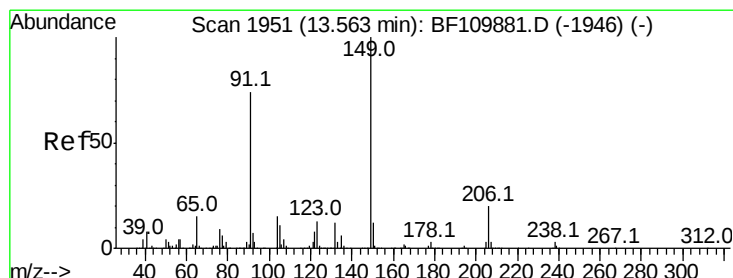
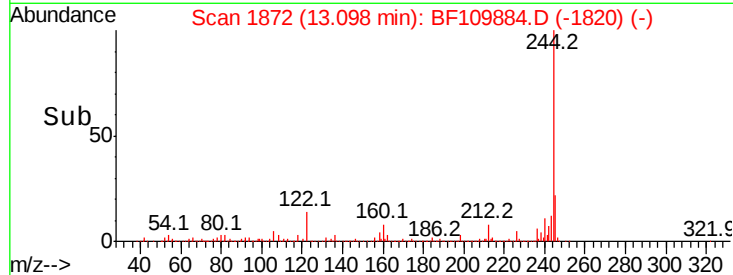
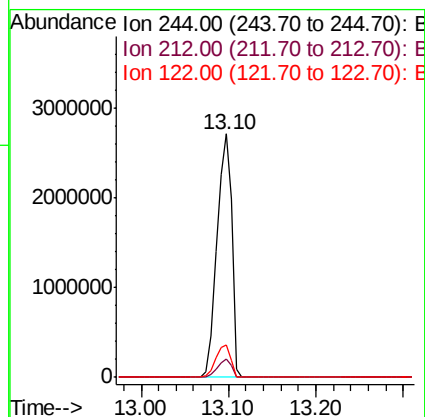
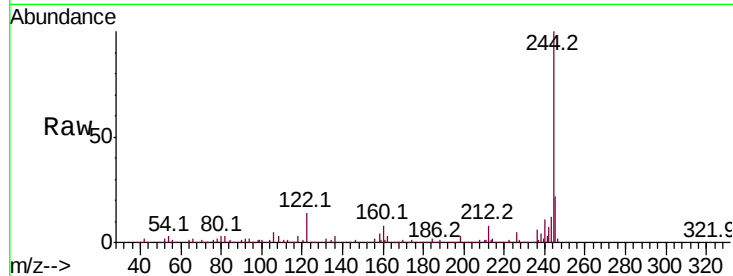




#79
 Terphenyl-d14
 Concen: 133.539 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

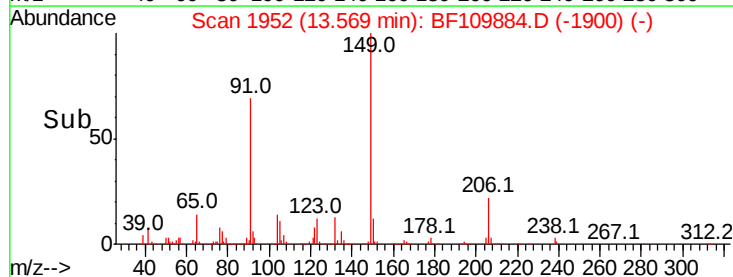
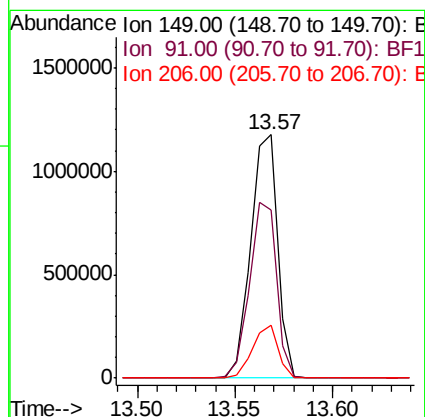
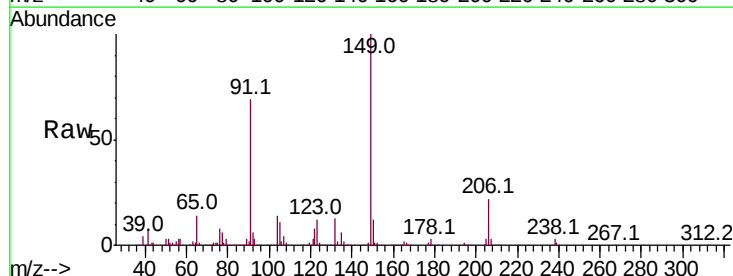
Instrument :
 BNA_F
 ClientSampleId :

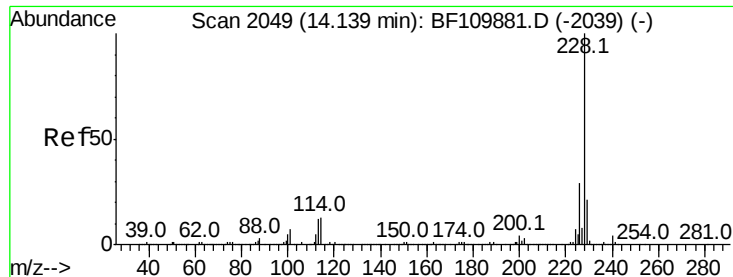
Tot Ion:244 Resp: 3172235
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.5 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 77.236 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF109884.D
 Acq: 15 Oct 2018 17:32

Tgt Ion:149 Resp: 1128226
 Ion Ratio Lower Upper
 149 100
 91 69.1 57.2 85.8
 206 21.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 79.842 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

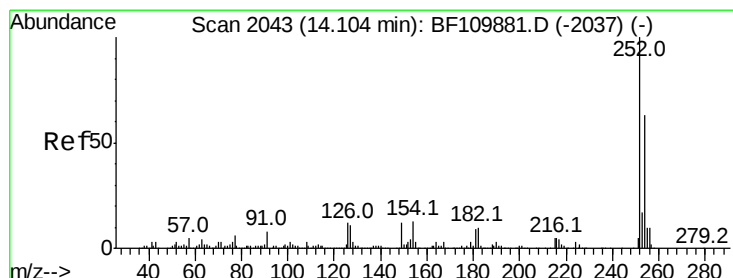
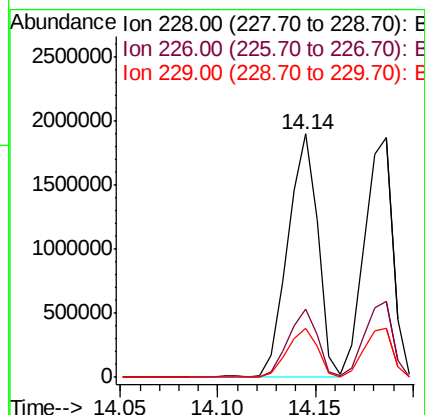
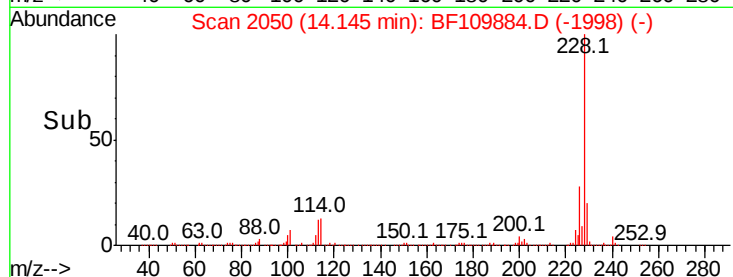
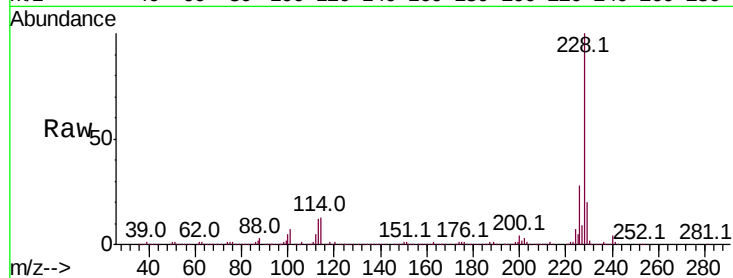
Tot Ion:228 Resp: 2026154

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.3	15.6	23.4

228 100

226 28.2 22.1 33.1

229 20.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 64.652 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

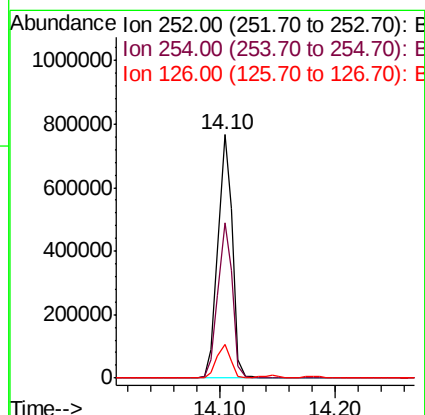
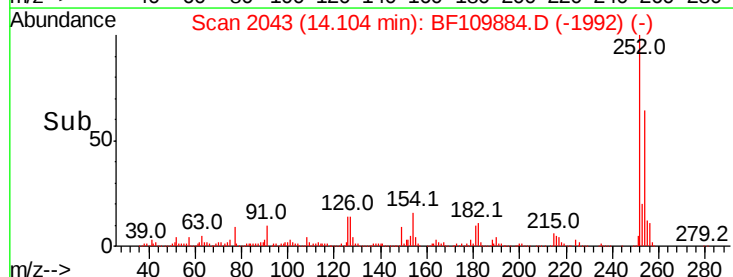
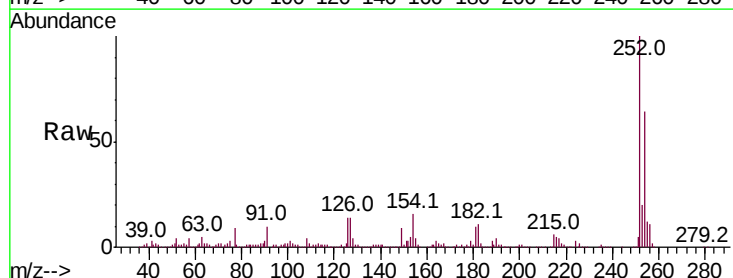
Tgt Ion:252 Resp: 660634

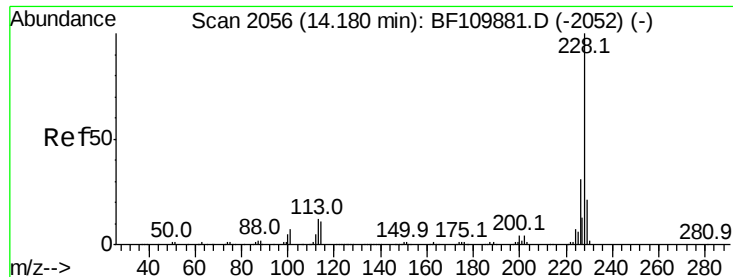
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	14.0	9.4	14.2

252 100

254 64.0 51.3 76.9

126 14.0 9.4 14.2





#83

Chrysene

Concen: 70.678 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

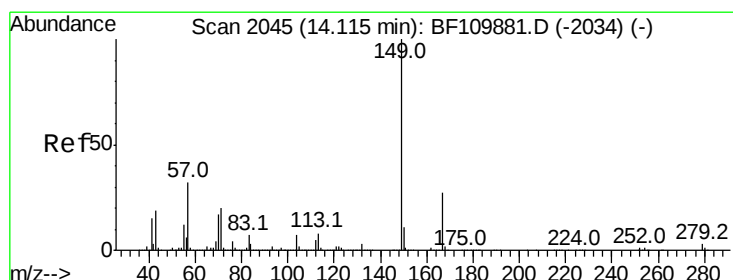
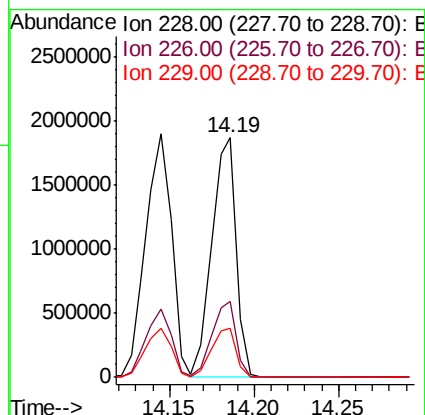
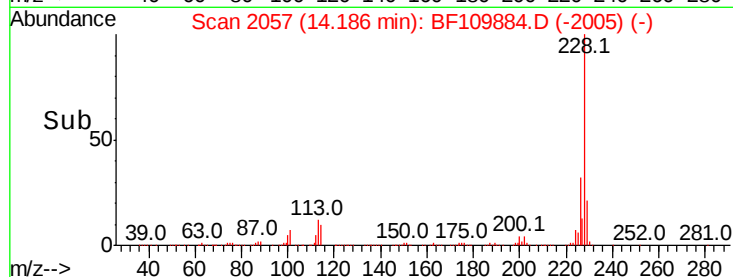
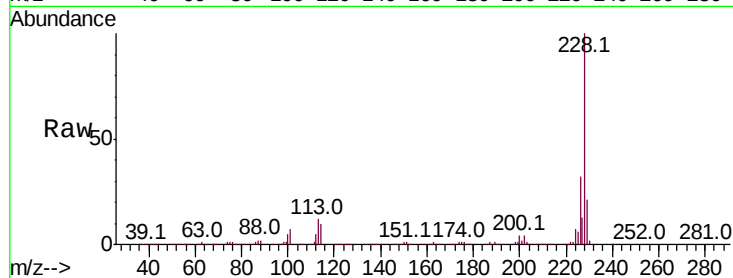
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1883953

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	20.7	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 78.500 ng

RT: 14.12 min Scan# 2046

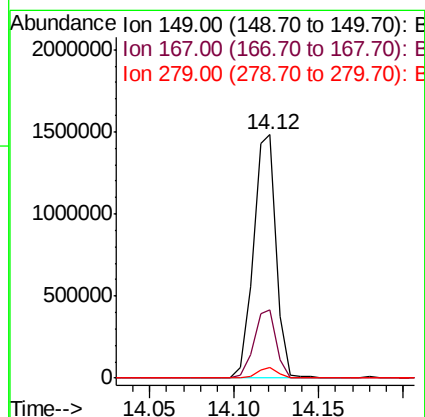
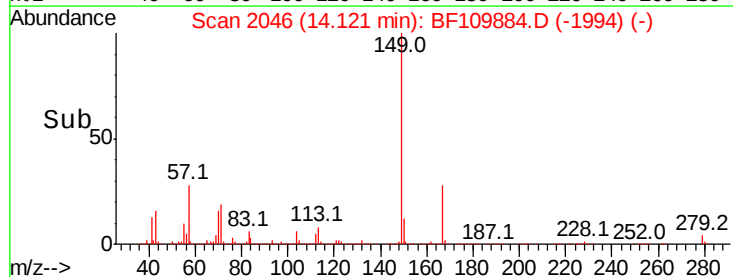
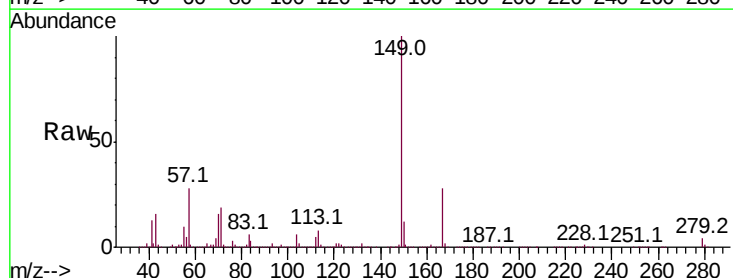
Delta R.T. 0.01 min

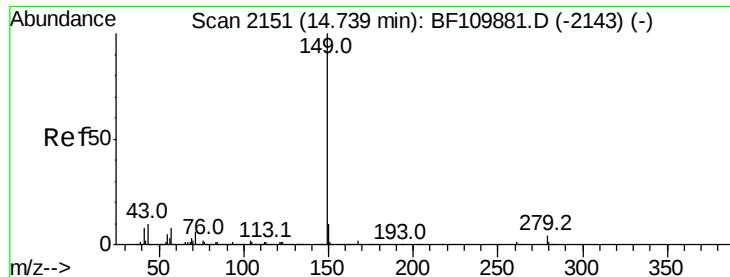
Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Tgt Ion:149 Resp: 1398998

Ion	Ratio	Lower	Upper
149	100		
167	27.9	19.8	29.8
279	4.3	2.7	4.1#





#85

Di-n-octyl phthalate

Concen: 71.105 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

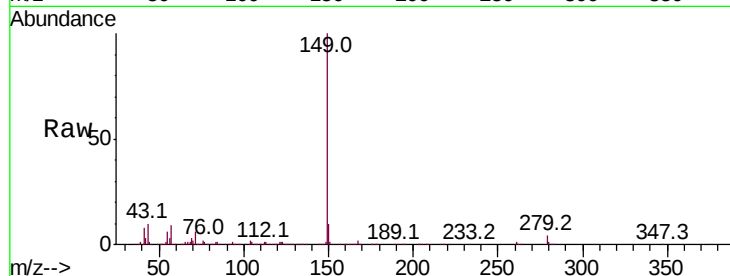
Tot Ion:149 Resp: 2003021

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

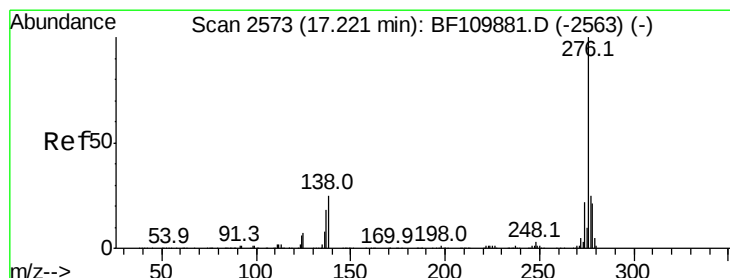
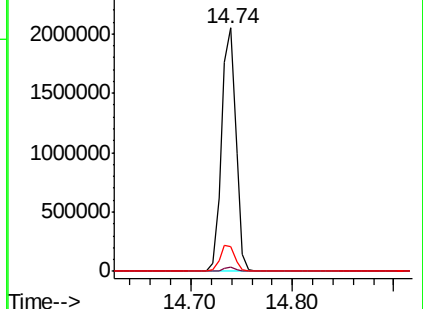
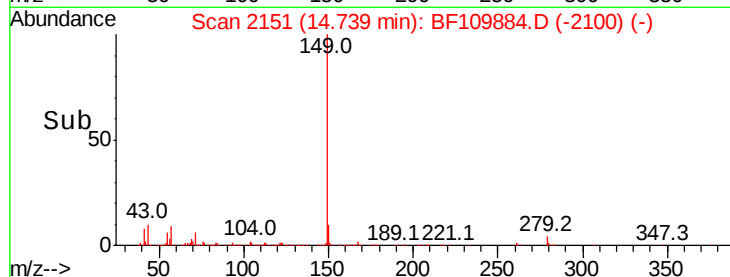
43 11.1 7.8 11.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 105.495 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

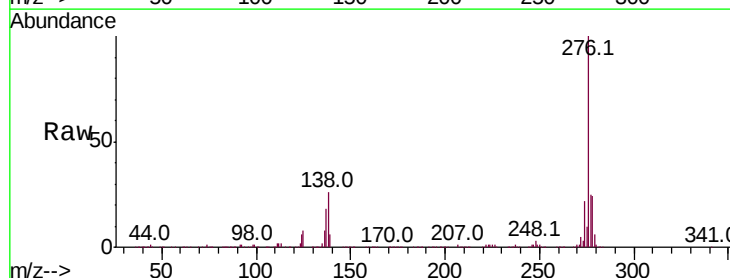
Tgt Ion:276 Resp: 2012760

Ion Ratio Lower Upper

276 100

138 29.6 18.5 27.7#

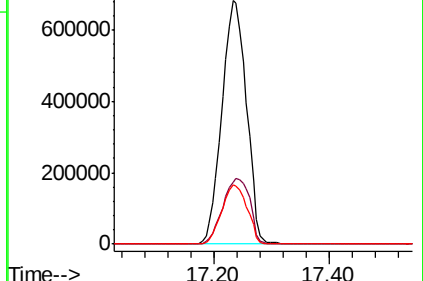
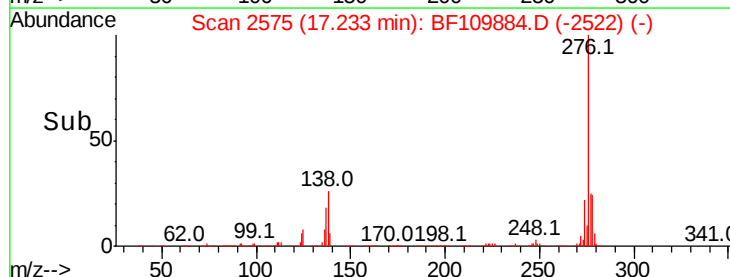
277 25.3 20.0 30.0

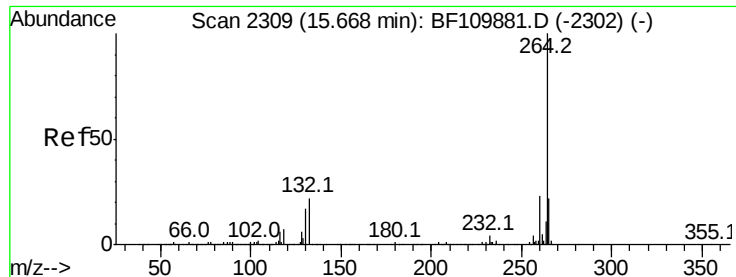


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampleId :

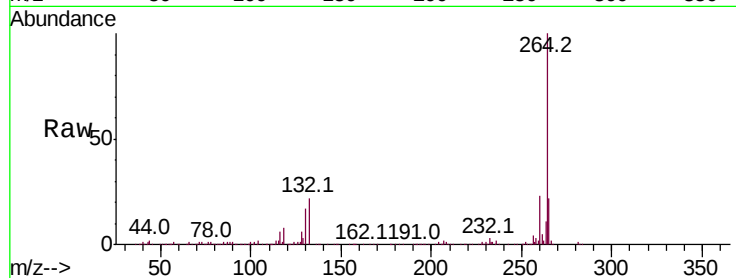
Tot Ion:264 Resp: 387545

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

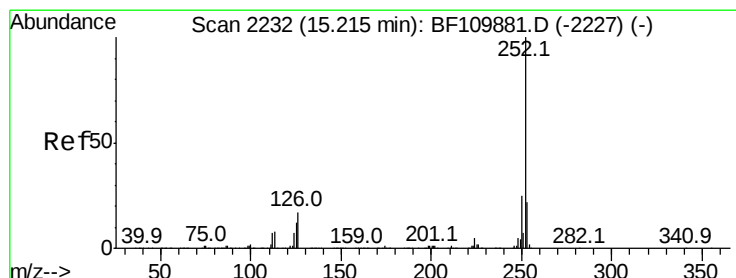
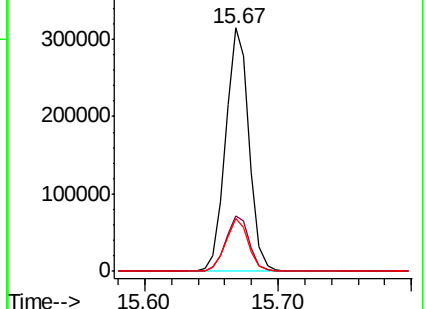
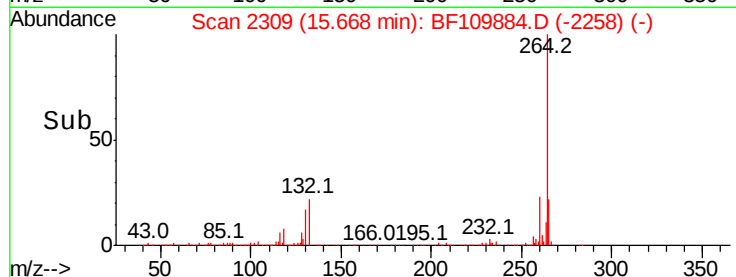
265 21.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 75.114 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

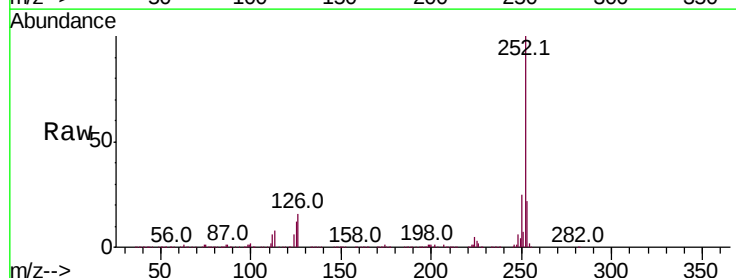
Tgt Ion:252 Resp: 1608670

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

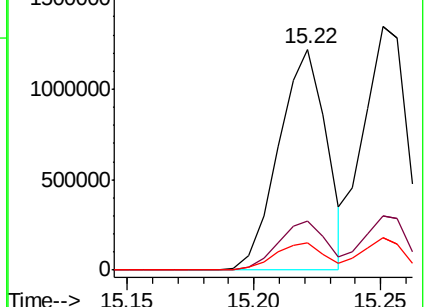
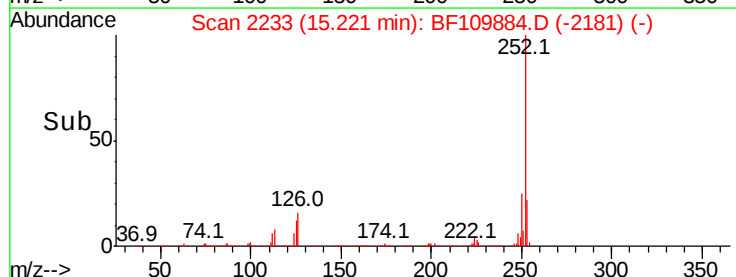
125 12.3 8.2 12.4

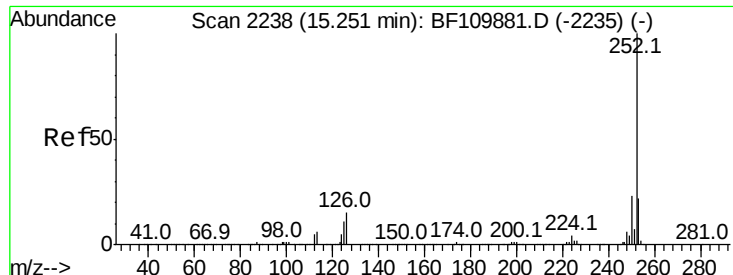


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

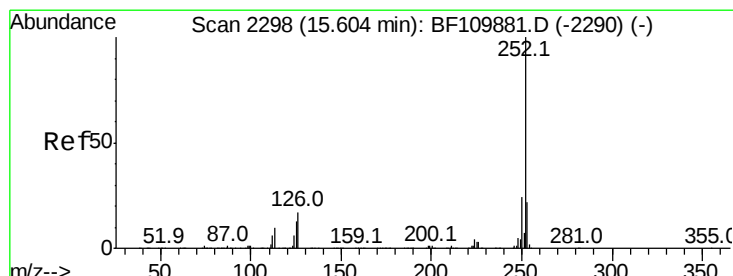
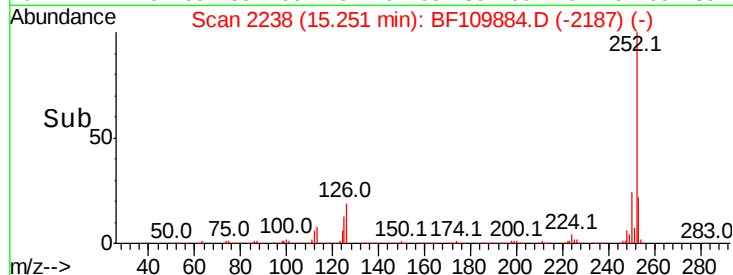
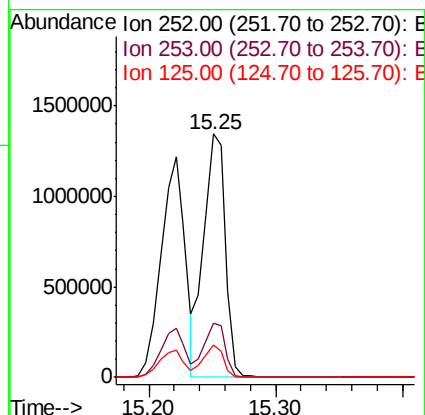
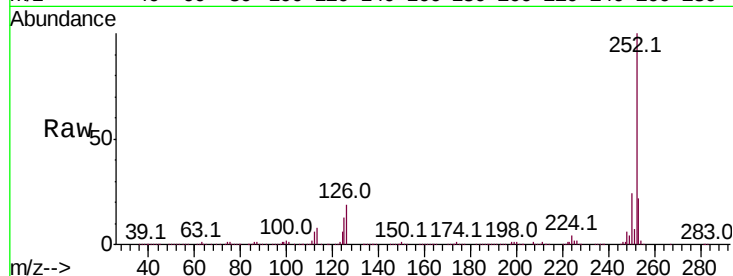




#89
Benzo(k)fluoranthene
Concen: 74.629 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

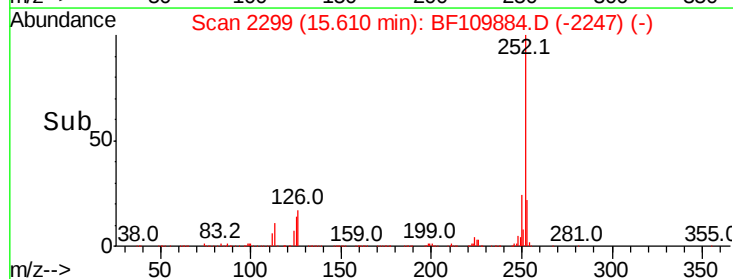
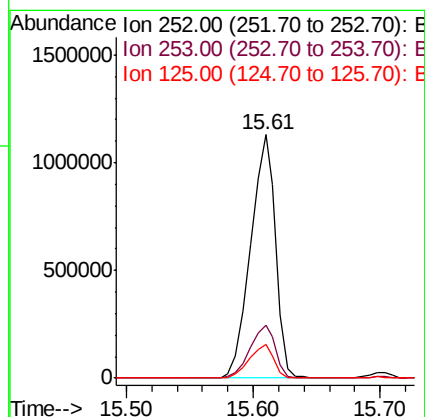
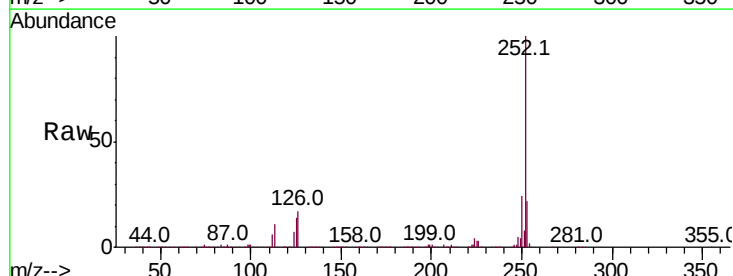
Instrument :
BNA_F
ClientSampleId :

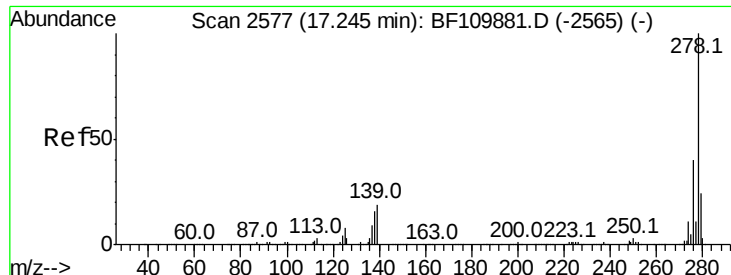
Tot Ion:252 Resp: 1605896
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 13.2 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 79.828 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109884.D
Acq: 15 Oct 2018 17:32

Tgt Ion:252 Resp: 1551439
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 13.7 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 102.372 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

Instrument :

BNA_F

ClientSampled :

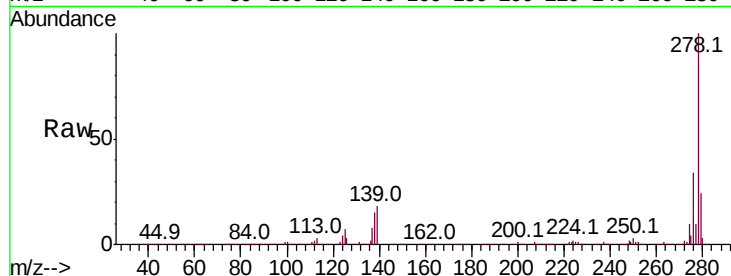
Tot Ion:278 Resp: 1633999

Ion Ratio Lower Upper

278 100

139 18.3 12.7 19.1

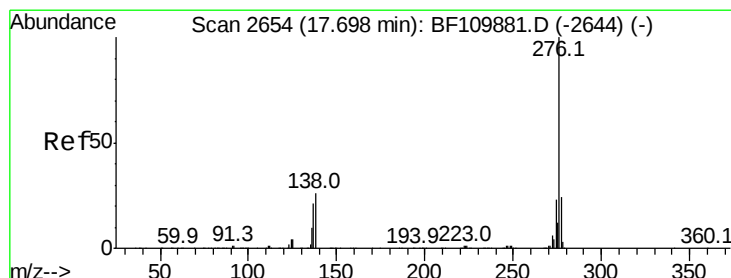
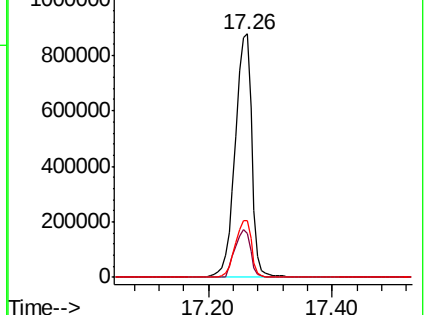
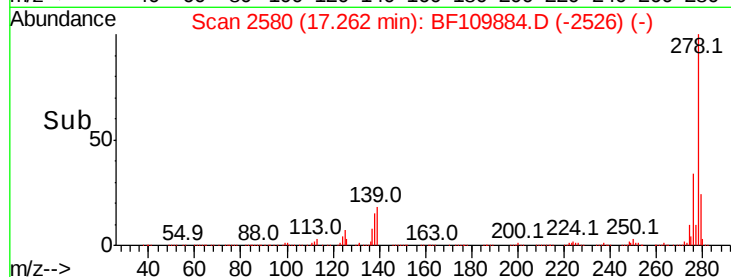
279 23.5 19.0 28.4



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



#92

Benzo(g,h,i)perylene

Concen: 110.218 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.02 min

Lab File: BF109884.D

Acq: 15 Oct 2018 17:32

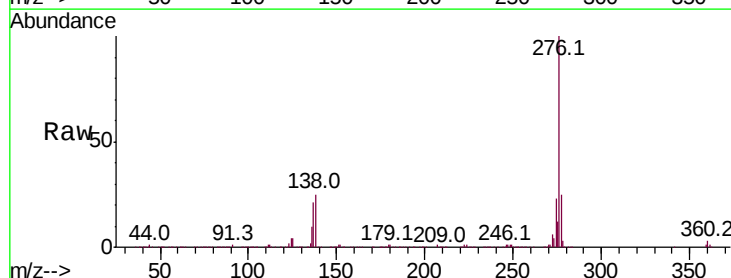
Tgt Ion:276 Resp: 1756748

Ion Ratio Lower Upper

276 100

277 24.8 18.8 28.2

138 25.3 16.0 24.0#



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

