

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109915.D
 Acq On : 17 Oct 2018 11:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 12:53:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	256022	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	1046836	20.00	ng	0.00
39) Acenaphthene-d10	10.03	164	489735	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	918964	20.00	ng	0.00
76) Chrysene-d12	14.16	240	677781	20.00	ng	0.00
87) Perylene-d12	15.69	264	484294	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1242502	76.93	ng	0.00
7) Phenol-d6	6.60	99	1569689	78.27	ng	0.00
23) Nitrobenzene-d5	7.55	82	1370864	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	362425	85.48	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2338828	76.20	ng	0.00
79) Terphenyl-d14	13.10	244	2350996	72.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	347570	37.888	ng	92
3) Pyridine	3.63	79	798478	39.042	ng	87
4) n-Nitrosodimethylamine	3.59	42	318421	38.167	ng	100
6) Aniline	6.65	93	1053895	38.993	ng	# 53
8) 2-Chlorophenol	6.76	128	713207	39.421	ng	96
9) Benzaldehyde	6.53	77	498915	38.280	ng	97
10) Phenol	6.61	94	840403	38.811	ng	# 64
11) bis(2-Chloroethyl)ether	6.72	93	687348	37.964	ng	95
12) 1,3-Dichlorobenzene	6.92	146	767549	38.690	ng	98
13) 1,4-Dichlorobenzene	7.00	146	772729	38.676	ng	98
14) 1,2-Dichlorobenzene	7.16	146	718602	39.059	ng	98
15) Benzyl Alcohol	7.12	79	611299	39.618	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1104044	37.152	ng	68
17) 2-Methylphenol	7.22	107	567067	38.870	ng	# 81
18) Hexachloroethane	7.50	117	278095	39.387	ng	100
19) n-Nitroso-di-n-propylamine	7.39	70	479404	37.228	ng	95
20) 3+4-Methylphenols	7.37	107	726688	39.253	ng	# 88
22) Acetophenone	7.39	105	923511	38.041	ng	# 97
24) Nitrobenzene	7.56	77	716987	42.471	ng	97
25) Isophorone	7.80	82	1160808	38.016	ng	98
26) 2-Nitrophenol	7.88	139	334687	47.815	ng	91
27) 2,4-Dimethylphenol	7.90	122	574701	39.075	ng	96
28) bis(2-Chloroethoxy)methane	8.01	93	794908	37.933	ng	99
29) 2,4-Dichlorophenol	8.12	162	574863	40.291	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	628827	39.363	ng	96
31) Naphthalene	8.29	128	1845011	38.434	ng	99
32) Benzoic acid	8.00	122	280240	30.581	ng	91
33) 4-Chloroaniline	8.33	127	847407	39.270	ng	98
34) Hexachlorobutadiene	8.40	225	340468	38.649	ng	98
35) Caprolactam	8.70	113	200282	39.526	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	605566	40.233	ng	95
37) 2-Methylnaphthalene	8.98	142	1213917	39.053	ng	98
38) 1-Methylnaphthalene	9.08	142	1170003	38.844	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	584214	38.730	ng	99

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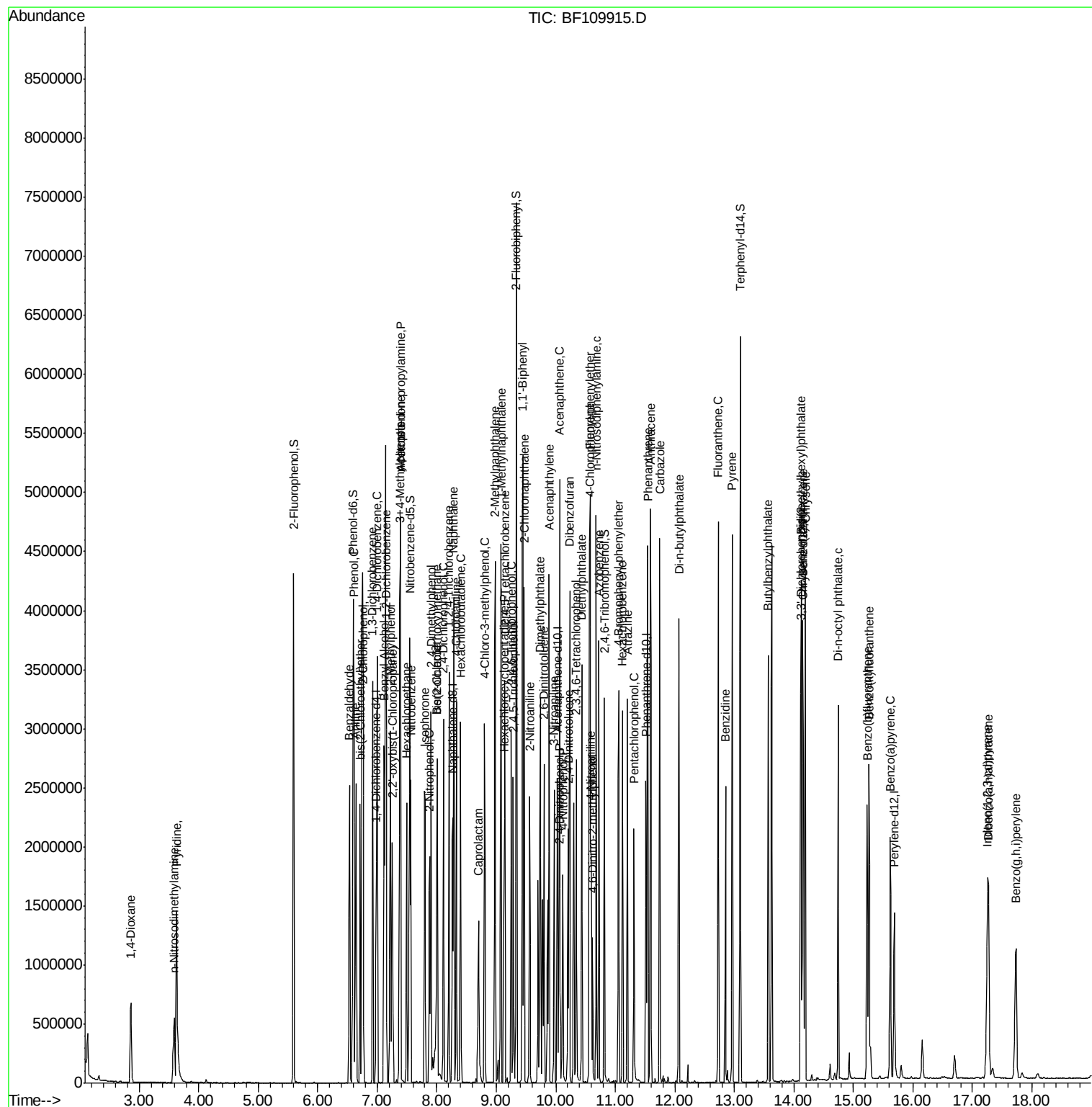
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	293538	40.318	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	383304	40.638	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	402900	41.157	nq	94
46) 1,1'-Biphenyl	9.45	154	1671886	38.317	nq	99
47) 2-Chloronaphthalene	9.47	162	1242287	38.652	nq	97
48) 2-Nitroaniline	9.56	65	387681	47.002	nq	96
49) Acenaphthylene	9.89	152	1796226	38.470	nq	96
50) Dimethylphthalate	9.74	163	1347552	38.859	nq	99
51) 2,6-Dinitrotoluene	9.80	165	310118	47.084	nq	95
52) Acenaphthene	10.06	154	1162959	39.123	nq	98
53) 3-Nitroaniline	9.97	138	372427	46.483	nq	93
54) 2,4-Dinitrophenol	10.07	184	73493	40.035	nq	96
55) Dibenzofuran	10.23	168	1642242	38.738	nq	96
56) 4-Nitrophenol	10.12	139	275910	45.132	nq	88
57) 2,4-Dinitrotoluene	10.21	165	393412	47.353	nq	# 84
58) Fluorene	10.57	166	1184519	38.383	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	331241	42.695	nq	97
60) Diethylphthalate	10.44	149	1297099	37.871	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	625156	38.889	nq	99
62) 4-Nitroaniline	10.59	138	356568	47.014	nq	89
63) Azobenzene	10.73	77	1336667	37.357	nq	94
65) 4,6-Dinitro-2-methylphenol	10.62	198	131760	40.964	nq	88
66) n-Nitrosodiphenylamine	10.68	169	1163759	38.023	nq	96
67) 4-Bromophenyl-phenylether	11.06	248	380581	38.214	nq	95
68) Hexachlorobenzene	11.12	284	404998	38.135	nq	# 89
69) Atrazine	11.20	200	376313	39.361	nq	99
70) Pentachlorophenol	11.32	266	252304	41.745	nq	97
71) Phenanthrene	11.55	178	1792912	37.686	nq	99
72) Anthracene	11.59	178	1817482	37.998	nq	99
73) Carbazole	11.75	167	1801597	38.326	nq	98
74) Di-n-butylphthalate	12.07	149	1953433	37.236	nq	100
75) Fluoranthene	12.73	202	1842014	38.757	nq	98
77) Benzidine	12.85	184	911457	35.074	nq	98
78) Pyrene	12.96	202	1886139	37.889	nq	99
80) Butylbenzylphthalate	13.57	149	814638	40.477	nq	100
81) Benzo(a)anthracene	14.15	228	1527768	38.268	nq	98
82) 3,3'-Dichlorobenzidine	14.11	252	542150	38.736	nq	99
83) Chrysene	14.19	228	1421243	37.401	nq	98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1031238	38.941	nq	95
85) Di-n-octyl phthalate	14.74	149	1508161	40.394	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	1089250	35.601	nq	# 93
88) Benzo(b)fluoranthene	15.23	252	1117065	40.009	nq	98
89) Benzo(k)fluoranthene	15.26	252	1103946	40.114	nq	# 97
90) Benzo(a)pyrene	15.62	252	1000795	38.973	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	906326	39.826	nq	97
92) Benzo(g,h,i)perylene	17.73	276	921014	40.056	nq	# 94

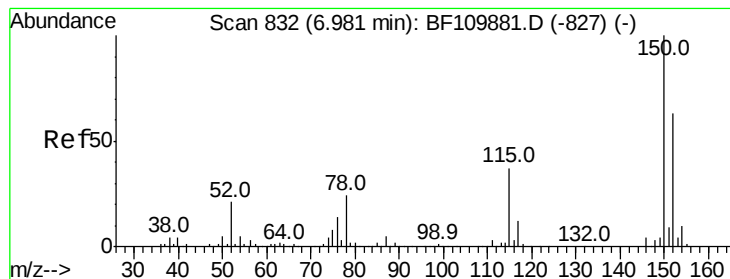
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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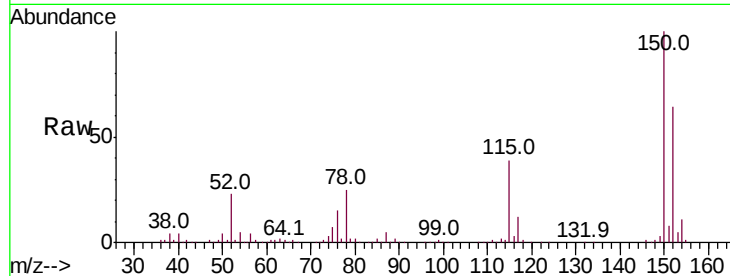


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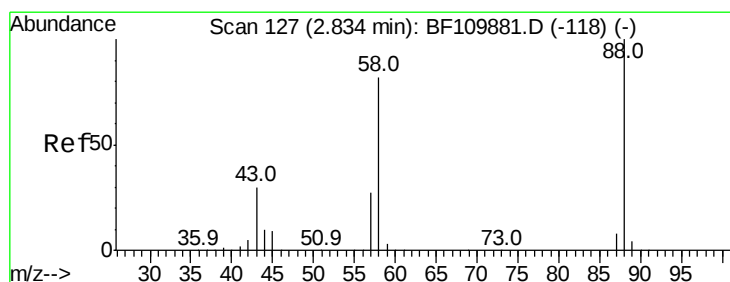
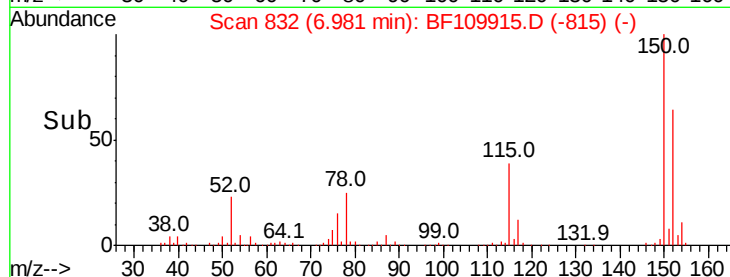
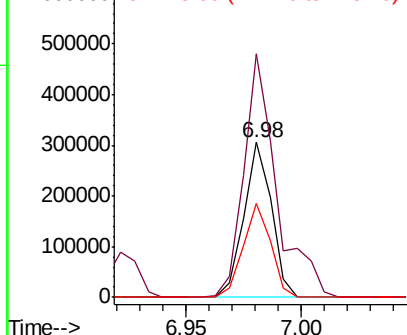
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 256022
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 60.6 49.1 73.7



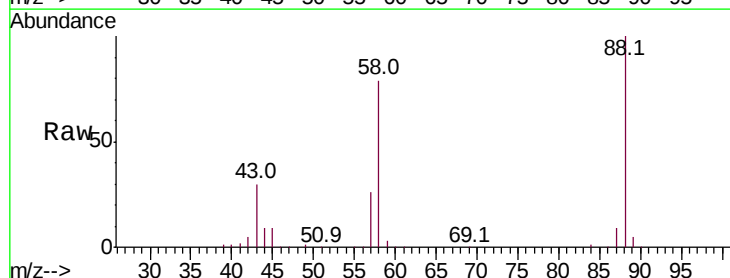
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



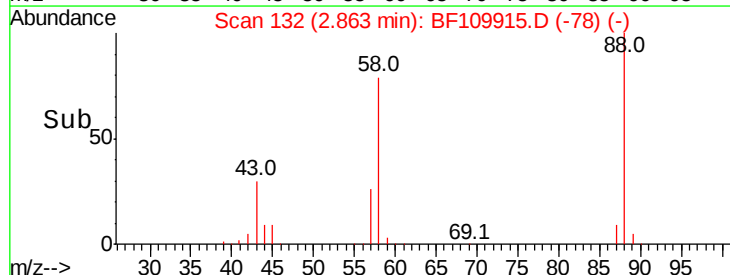
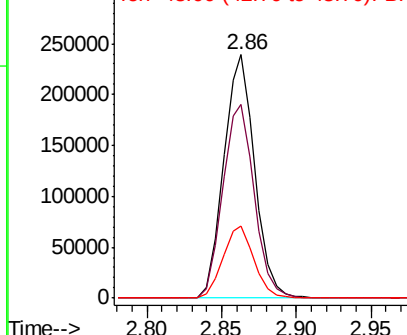
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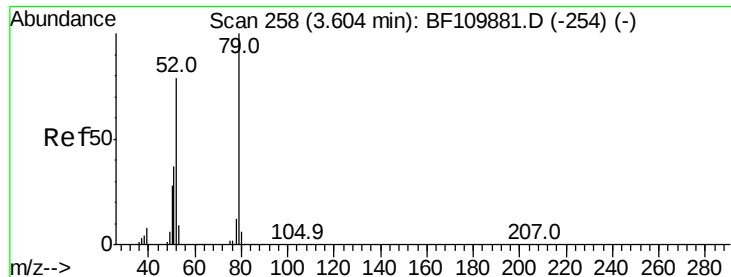
1,4-Dioxane
Concen: 37.888 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.02 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion: 88 Resp: 347570
Ion Ratio Lower Upper
88 100
58 80.8 57.1 85.7
43 29.8 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: 39.042 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

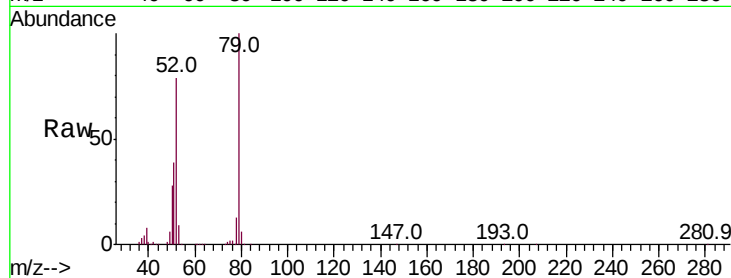
Tot Ion: 79 Resp: 798478

Ion Ratio Lower Upper

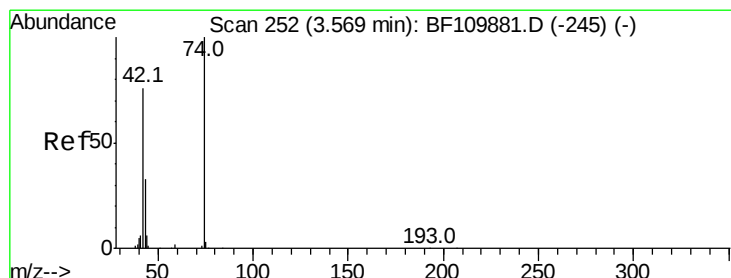
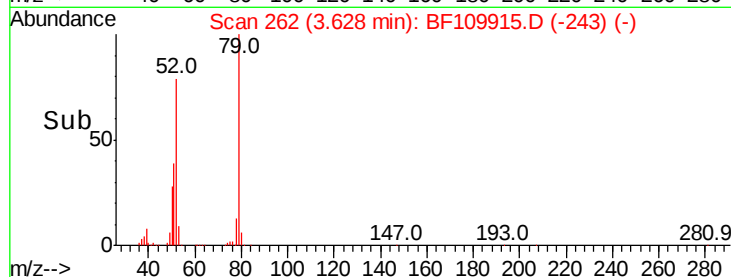
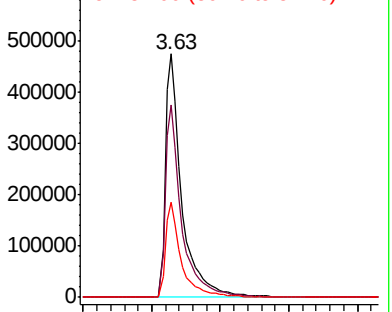
79 100

52 79.1 53.1 79.7

51 39.1 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: 38.167 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

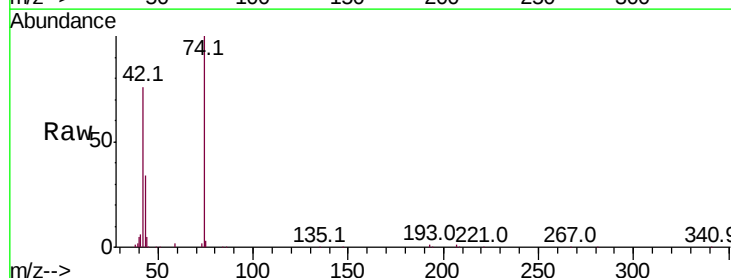
Tgt Ion: 42 Resp: 318421

Ion Ratio Lower Upper

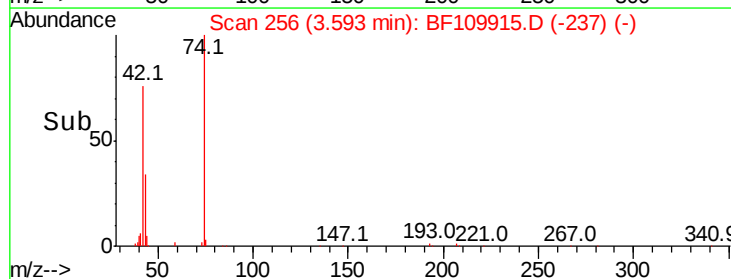
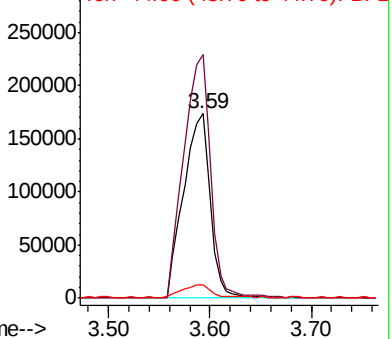
42 100

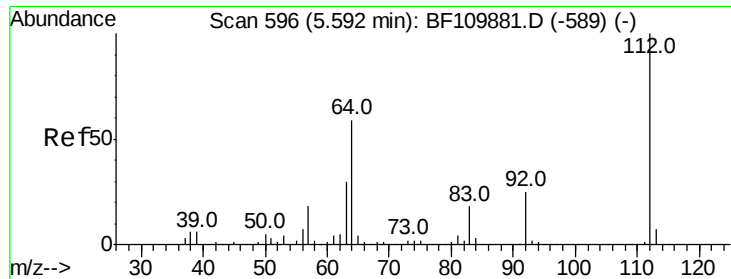
74 132.0 105.5 158.3

44 7.0 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: 76.928 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

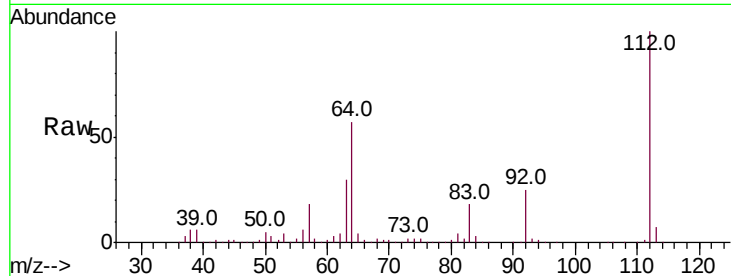
Tot Ion:112 Resp: 1242502

Ion Ratio Lower Upper

112 100

64 57.5 44.1 66.1

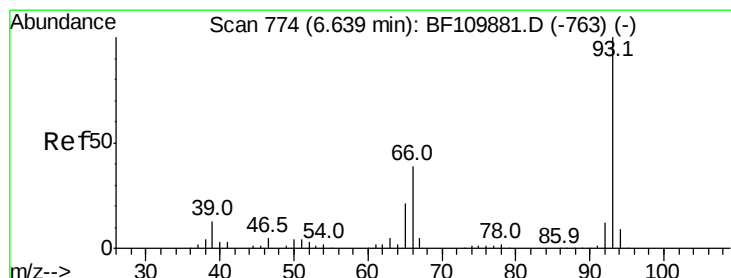
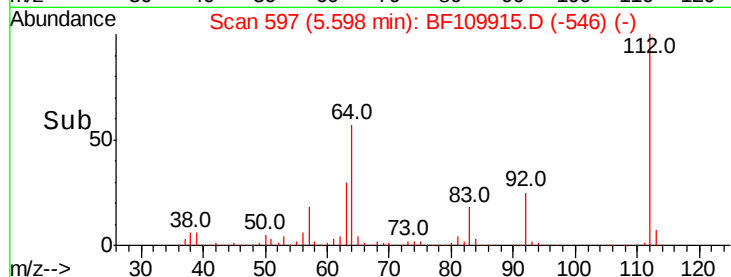
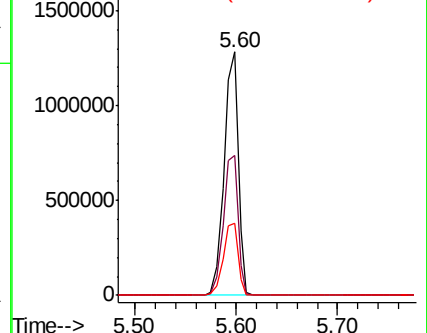
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.993 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

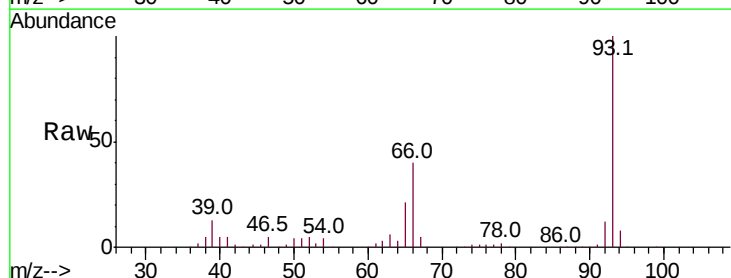
Tgt Ion: 93 Resp: 1053895

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

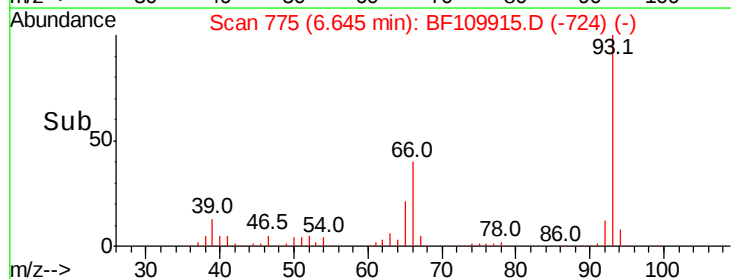
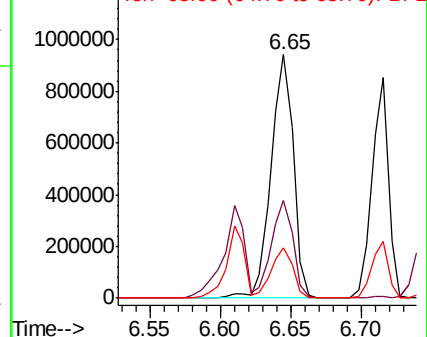
65 20.9 41.0 61.4#

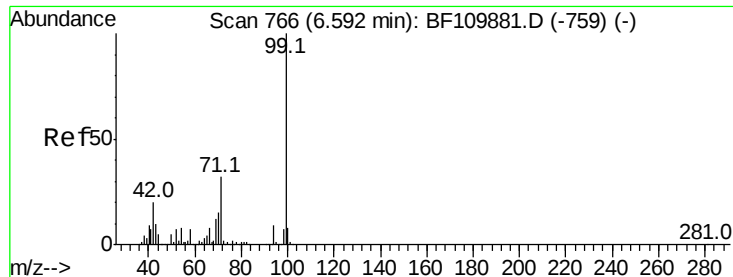


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.266 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109915.D

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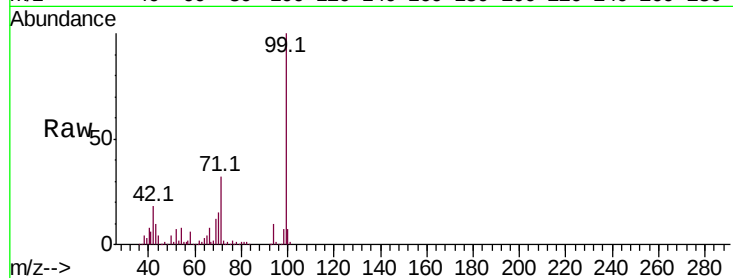
Tot Ion: 99 Resp: 1569689

Ion Ratio Lower Upper

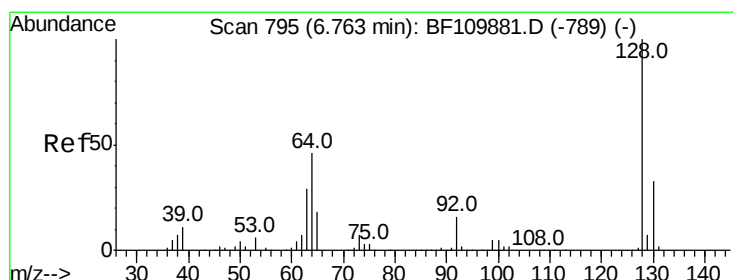
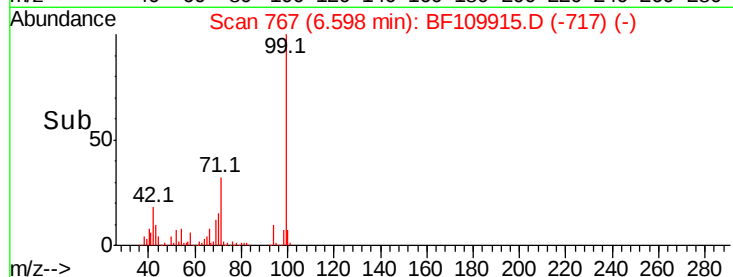
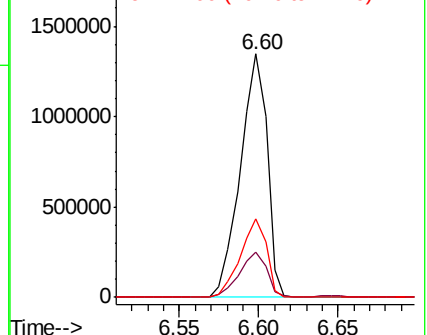
99 100

42 18.4 15.8 23.6

71 32.5 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: 39.421 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

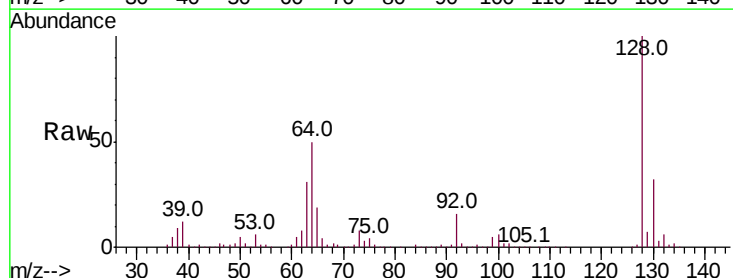
Tgt Ion:128 Resp: 713207

Ion Ratio Lower Upper

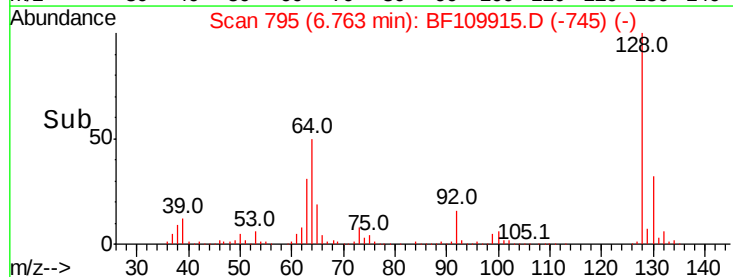
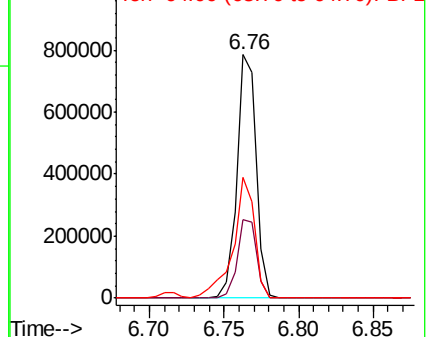
128 100

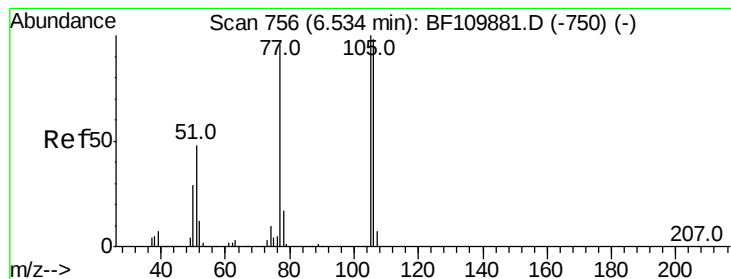
130 32.4 13.1 53.1

64 49.6 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: 38.280 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

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ClientSampleId :

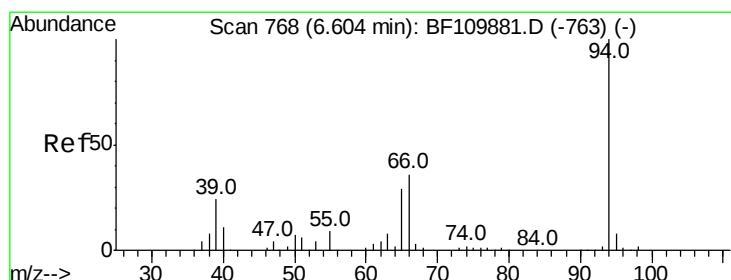
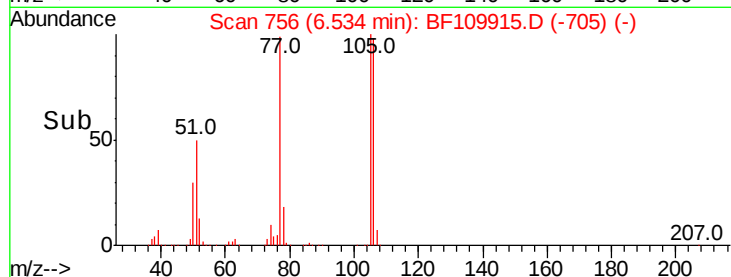
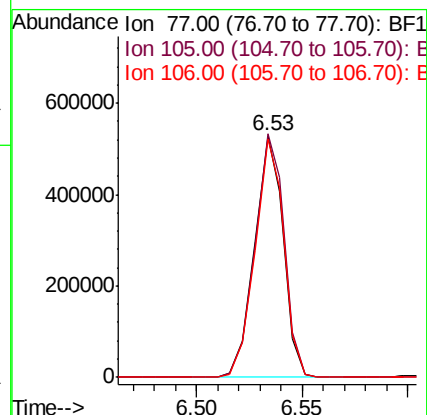
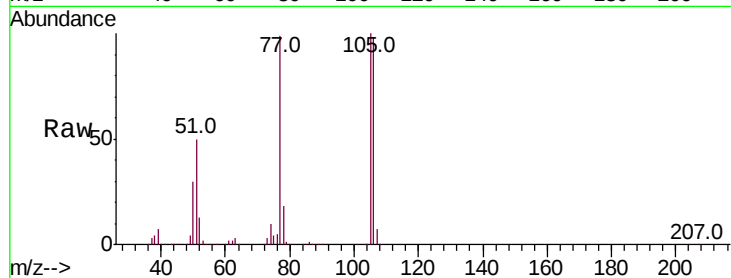
Tot Ion: 77 Resp: 498915

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

106 98.8 74.8 114.8



#10

Phenol

Concen: 38.811 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

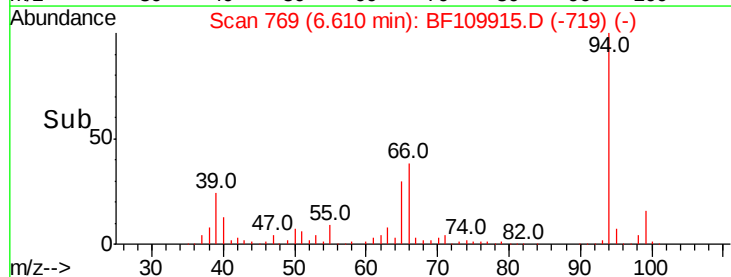
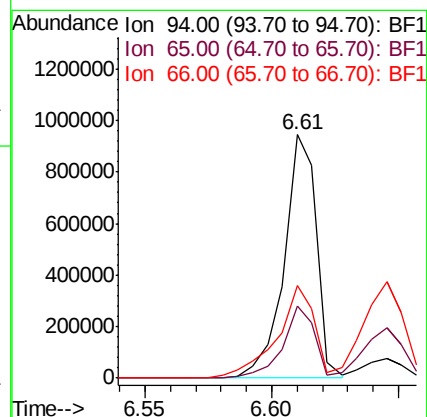
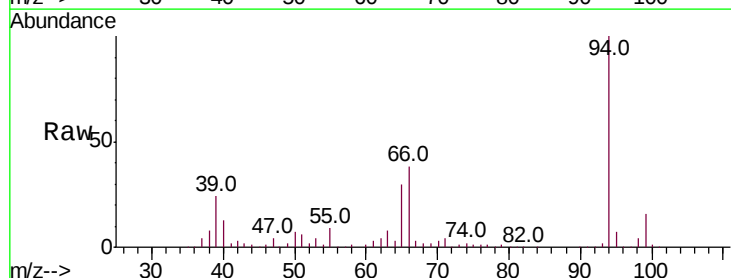
Tgt Ion: 94 Resp: 840403

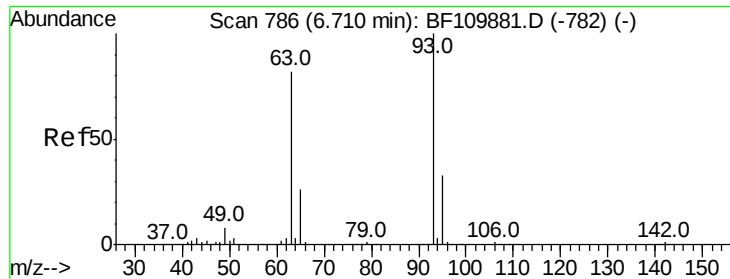
Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

66 38.0 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 37.964 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

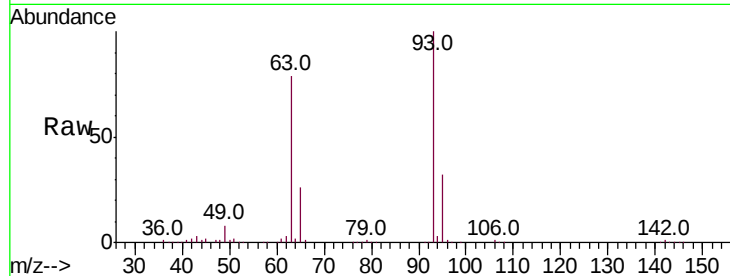
Tot Ion: 93 Resp: 687348

Ion Ratio Lower Upper

93 100

63 79.1 53.4 93.4

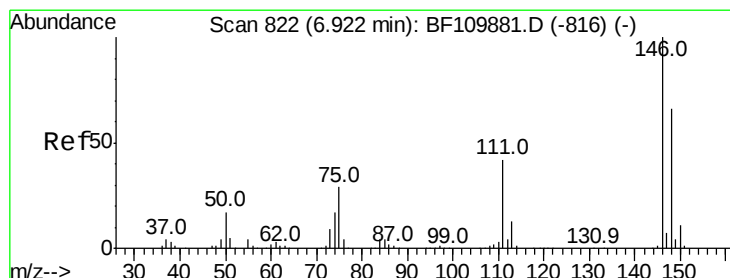
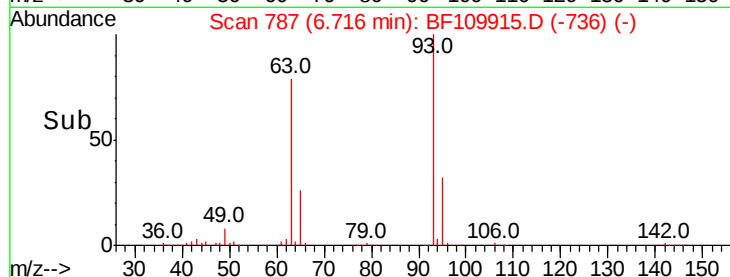
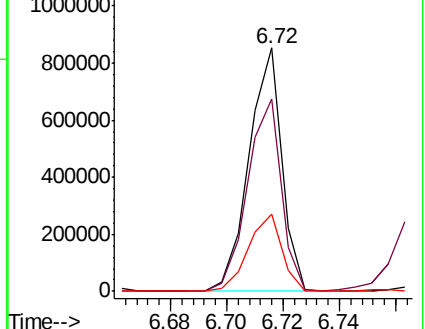
95 31.9 12.1 52.1



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: 38.690 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

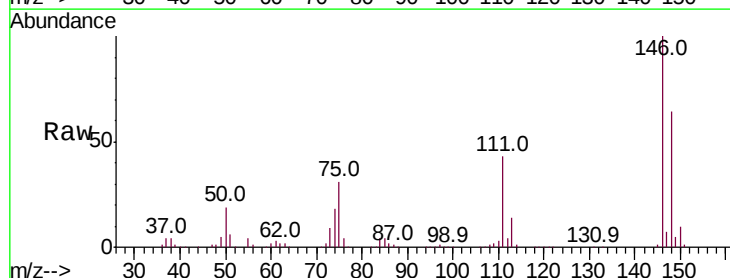
Tgt Ion: 146 Resp: 767549

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

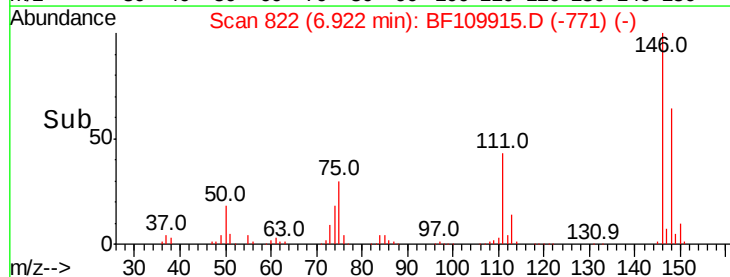
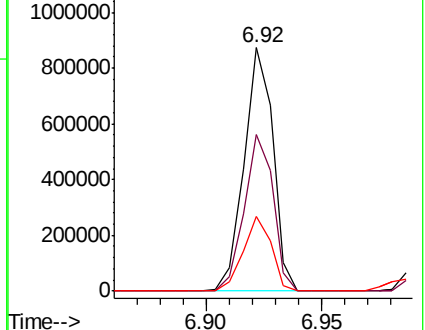
75 30.6 25.8 38.6

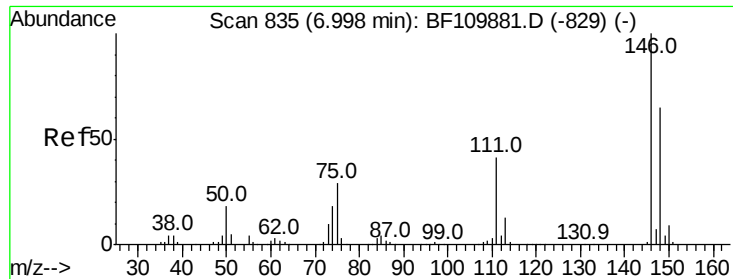


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.676 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

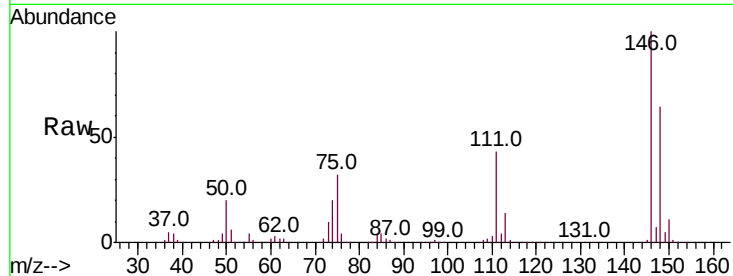
Tot Ion:146 Resp: 772729

Ion Ratio Lower Upper

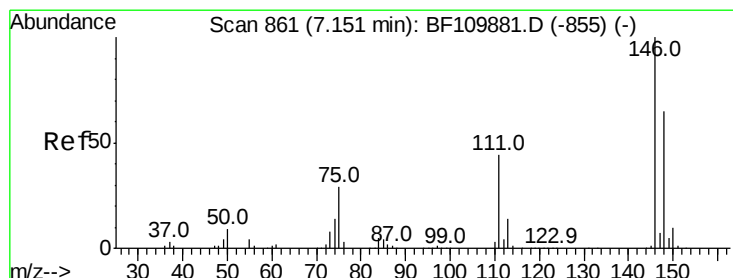
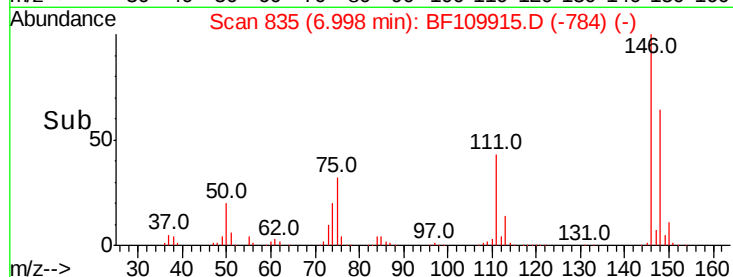
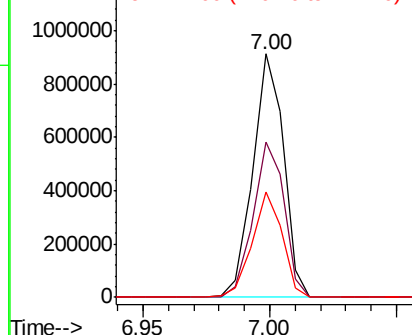
146 100

148 63.6 50.3 75.5

111 43.1 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: 39.059 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

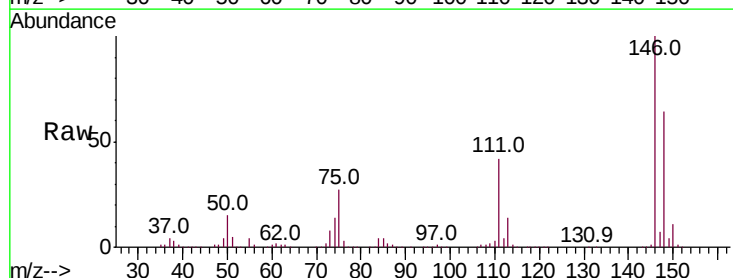
Tgt Ion:146 Resp: 718602

Ion Ratio Lower Upper

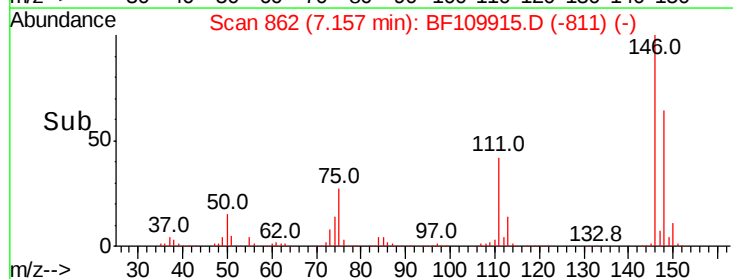
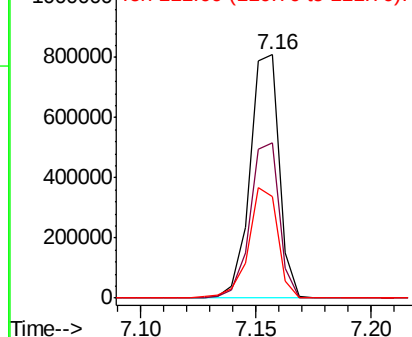
146 100

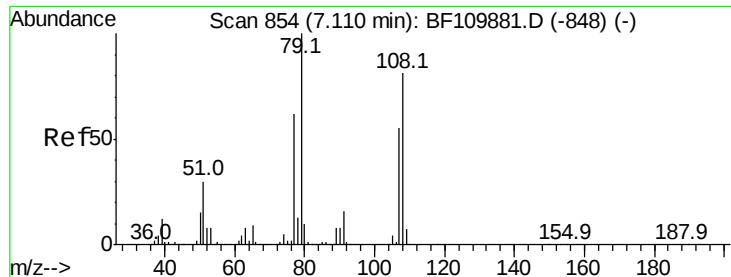
148 64.0 51.1 76.7

111 41.8 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: 39.618 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

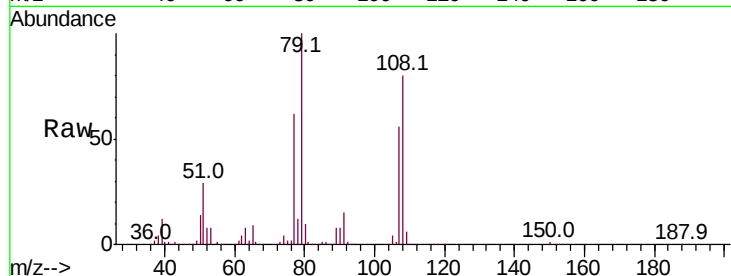
Tot Ion: 79 Resp: 611299

Ion Ratio Lower Upper

79 100

108 79.5 56.3 84.5

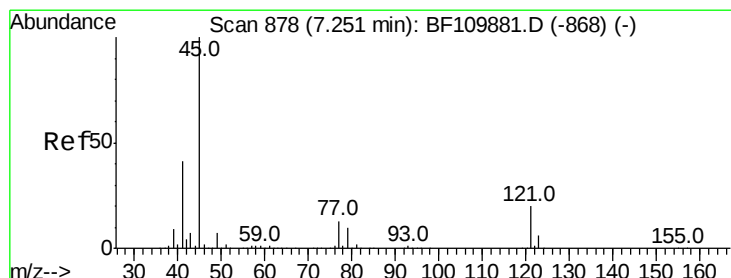
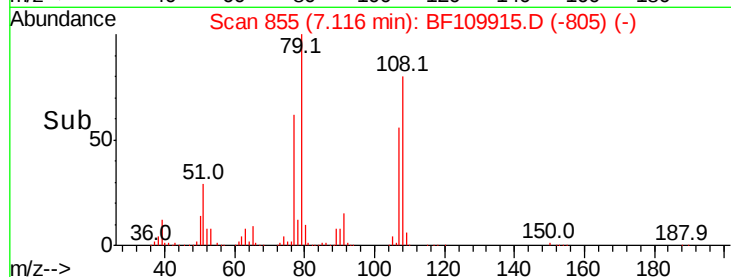
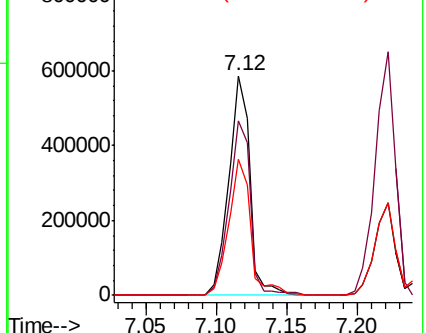
77 61.7 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.152 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

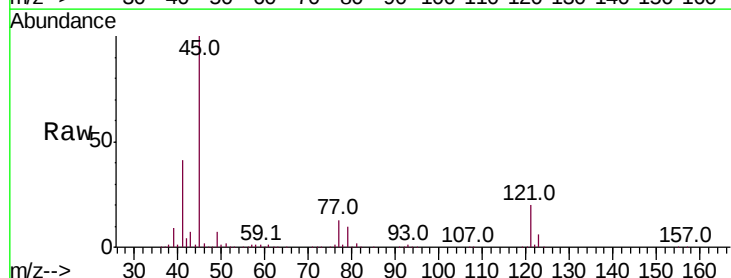
Tgt Ion: 45 Resp: 1104044

Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

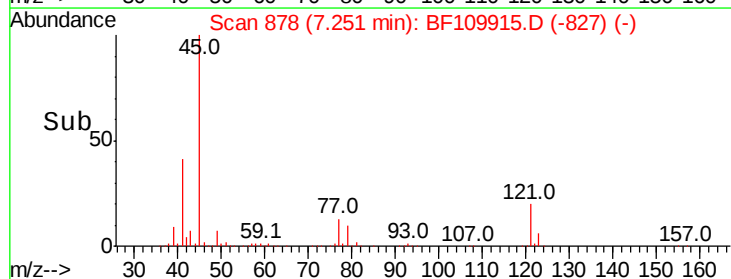
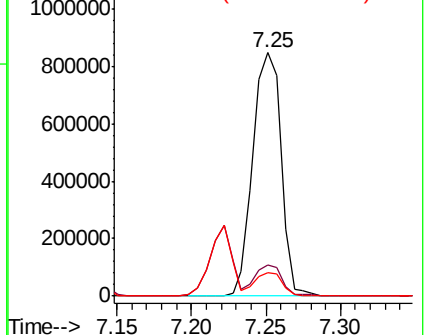
79 9.7 6.1 46.1

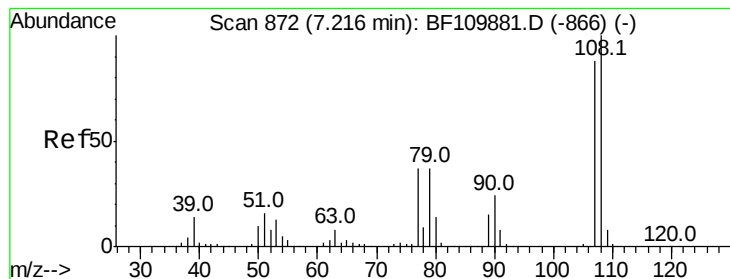


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

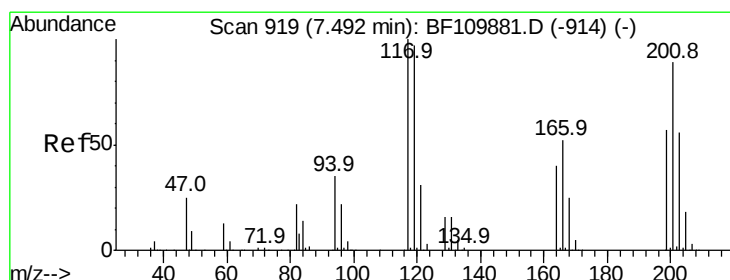
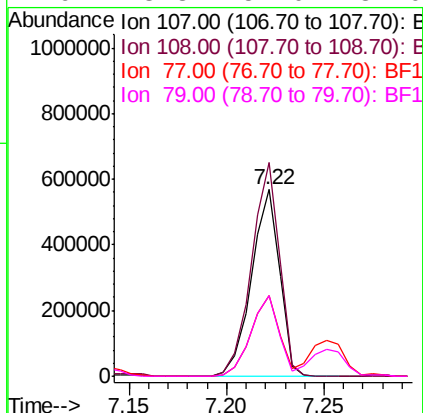
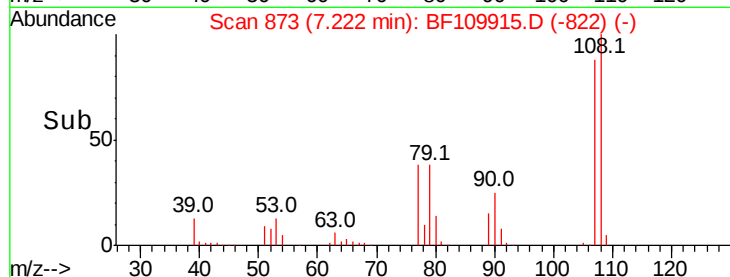
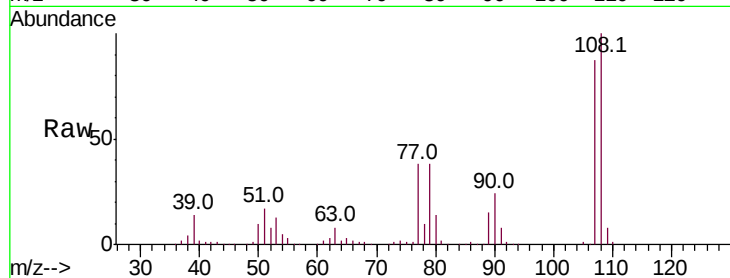




#17
2-Methylphenol
Concen: 38.870 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

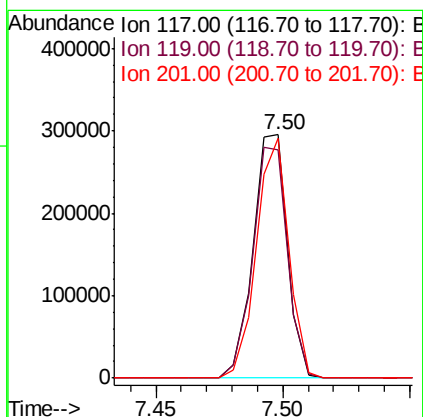
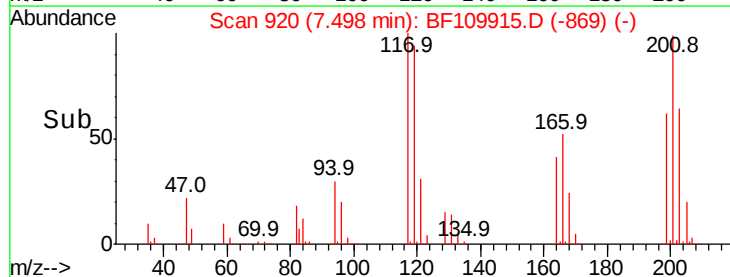
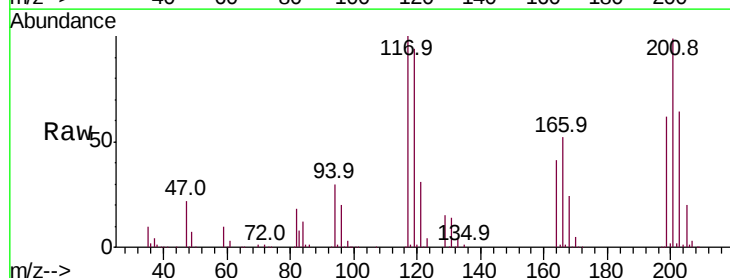
Instrument :
BNA_F
ClientSampled :

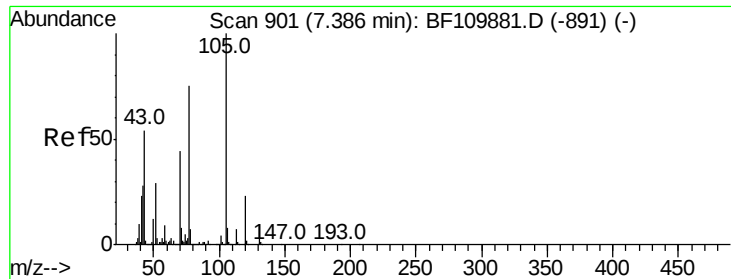
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.6	138.8
77	43.3	59.4	89.2#
79	43.3	54.0	81.0#



#18
Hexachloroethane
Concen: 39.387 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
201	98.7	79.2	118.8

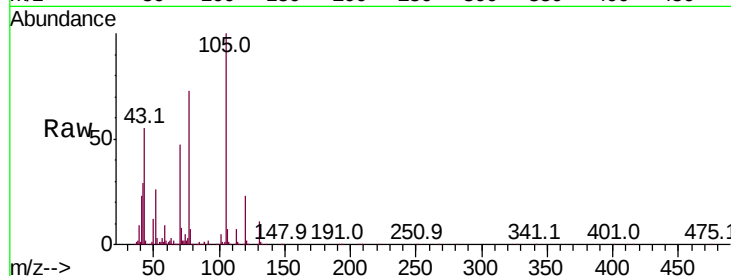




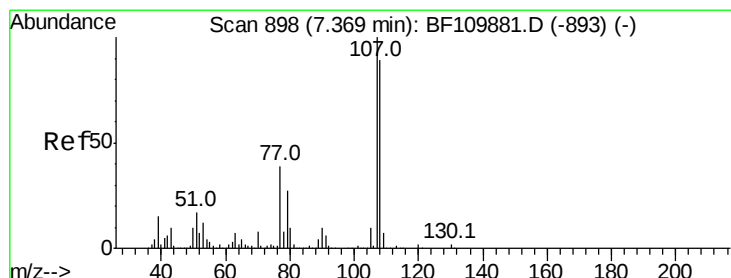
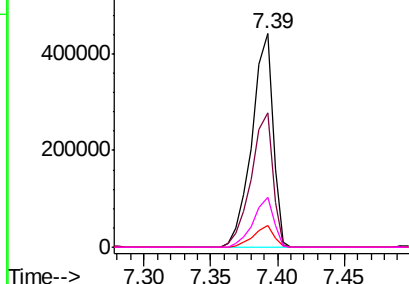
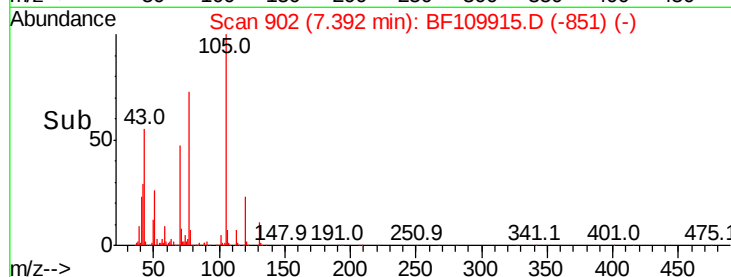
#19
n-Nitroso-di-n-propylamine
Concen: 37.228 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 479404
Ion Ratio Lower Upper
70 100
42 62.8 47.4 71.2
101 10.3 7.3 10.9
130 23.2 16.2 24.2

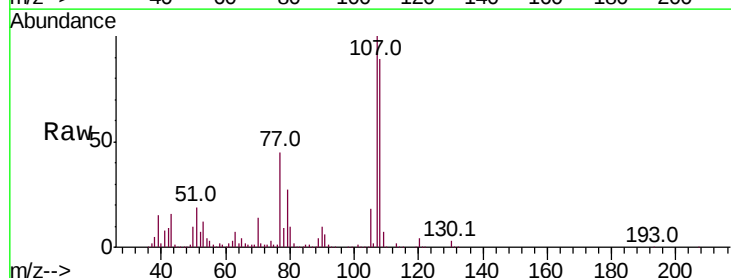


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

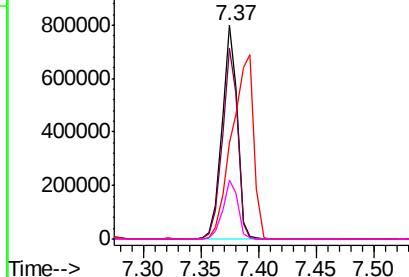
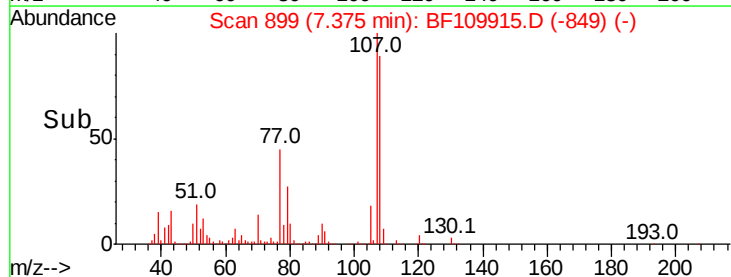


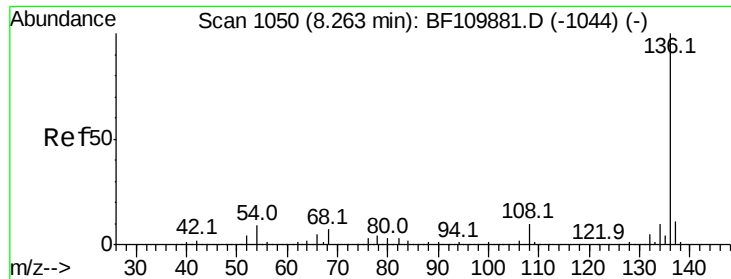
#20
3+4-Methylphenols
Concen: 39.253 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:107 Resp: 726688
Ion Ratio Lower Upper
107 100
108 89.5 71.4 111.4
77 45.2 47.3 87.3#
79 27.5 10.9 50.9



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

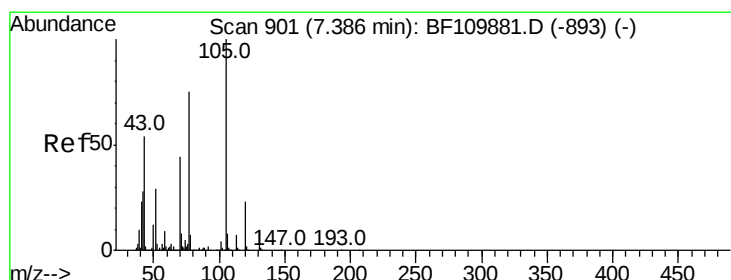
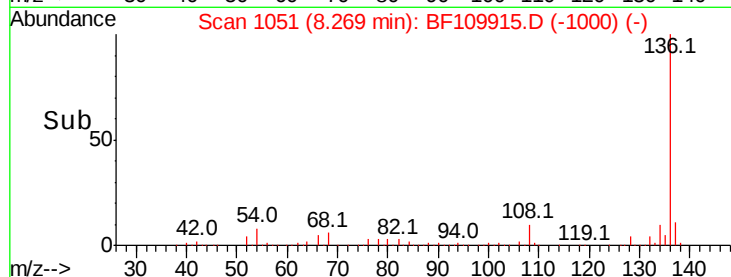
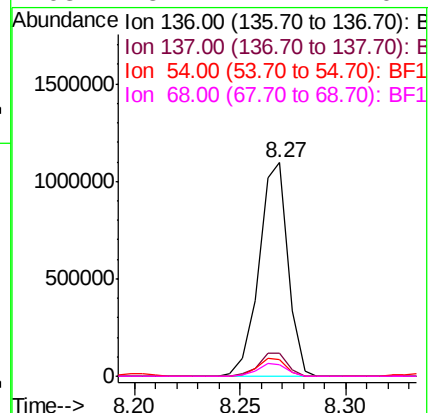
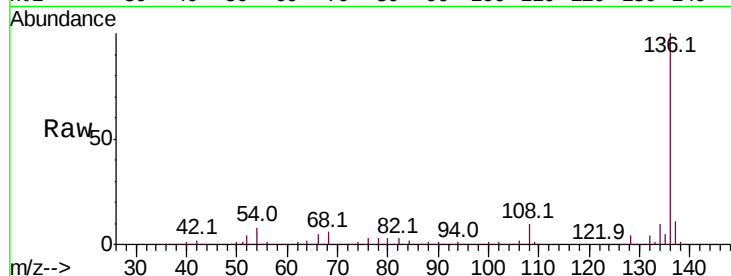




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

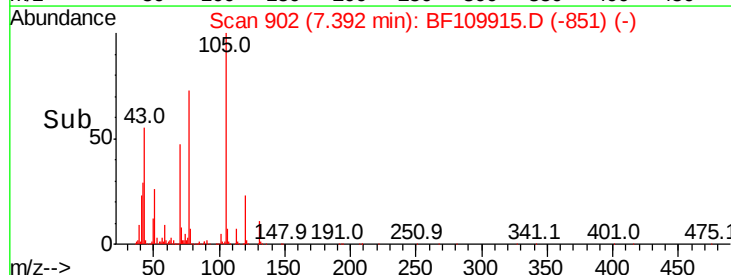
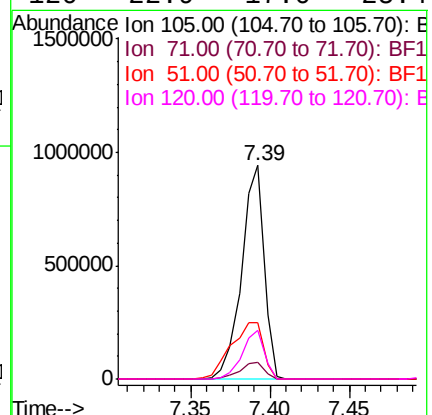
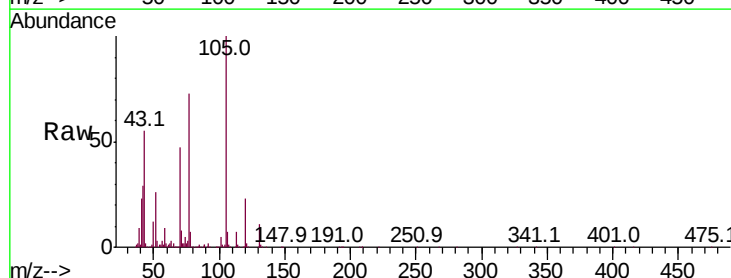
Instrument :
BNA_F
ClientSampleId :

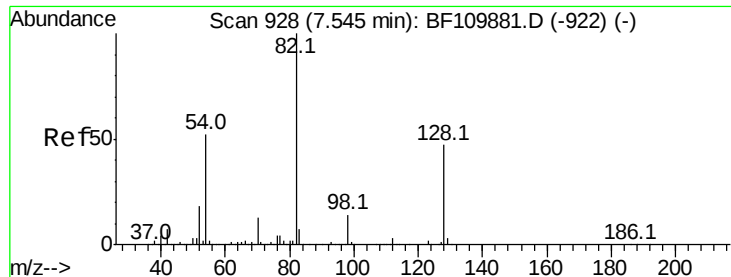
Tot Ion:	136	Resp:	1046836
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	5.4	8.2
68	5.7	4.2	6.2



#22
Acetophenone
Concen: 38.041 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:	105	Resp:	923511
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.2	7.8#
51	26.4	21.8	32.8
120	22.9	17.0	25.4

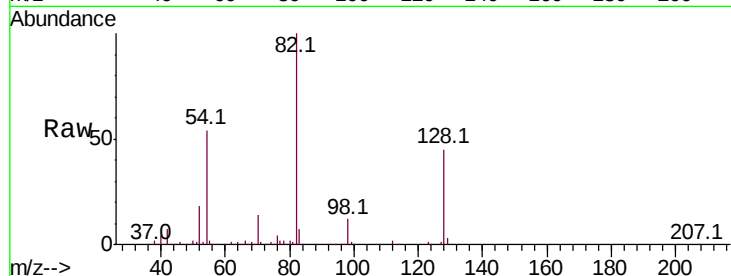




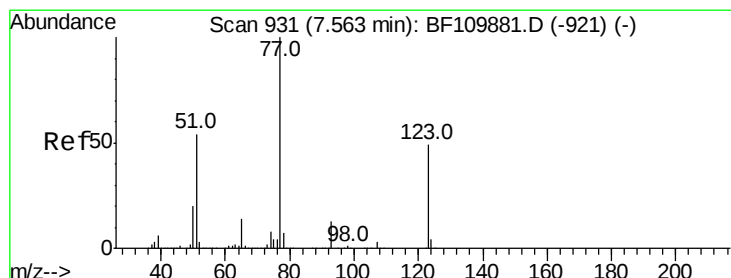
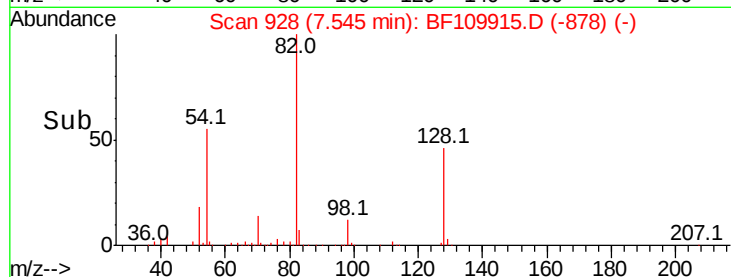
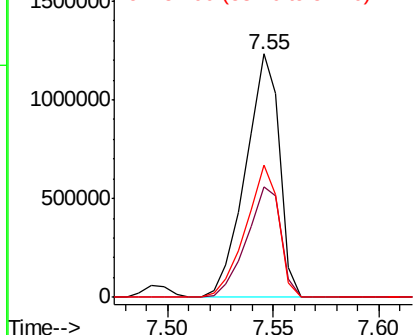
#23
 Nitrobenzene-d5
 Concen: 88.215 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1370864
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.2 51.2
 54 54.5 38.6 58.0

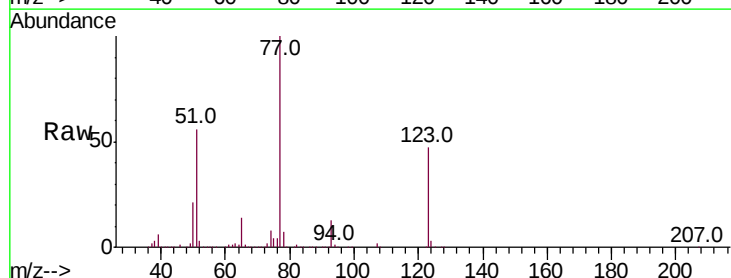


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

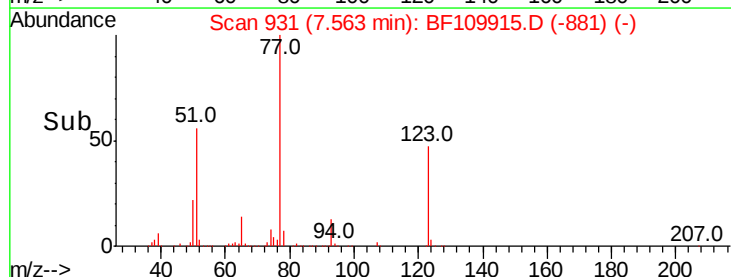
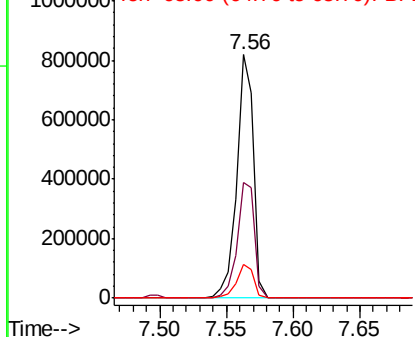


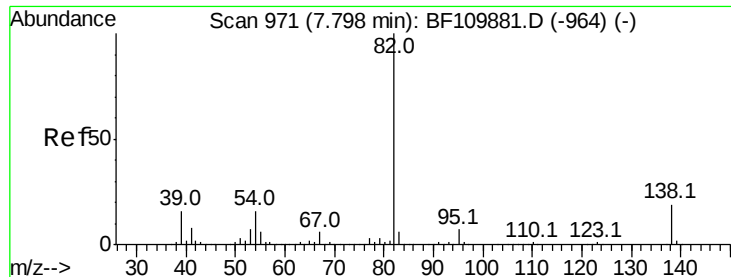
#24
 Nitrobenzene
 Concen: 42.471 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion: 77 Resp: 716987
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.7 53.5
 65 13.9 10.7 16.1



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





#25

Isophorone

Concen: 38.016 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

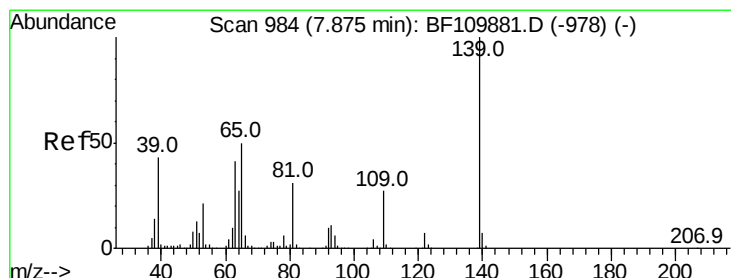
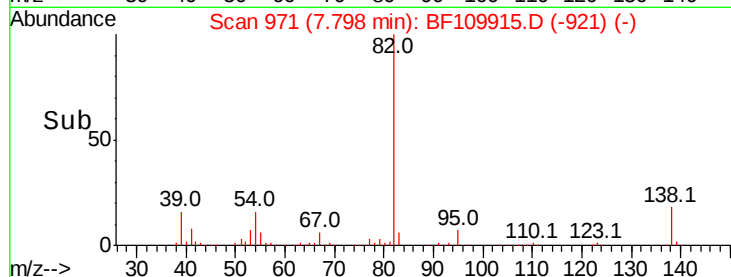
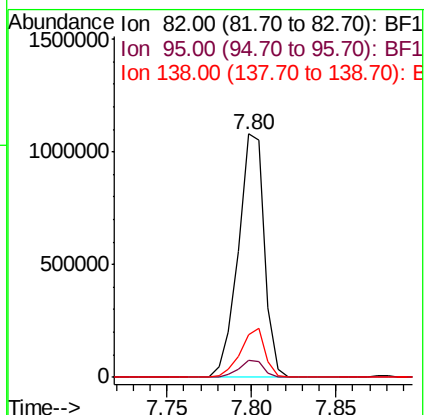
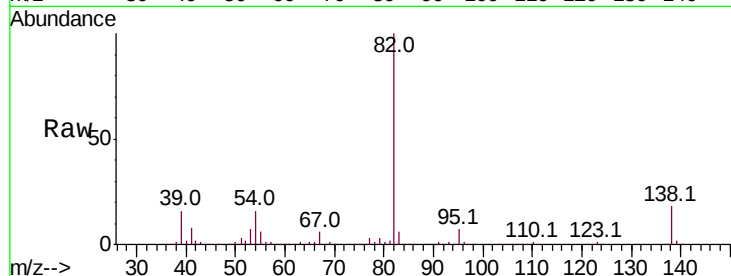
Tot Ion: 82 Resp: 1160808

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 17.7 13.2 19.8



#26

2-Nitrophenol

Concen: 47.815 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

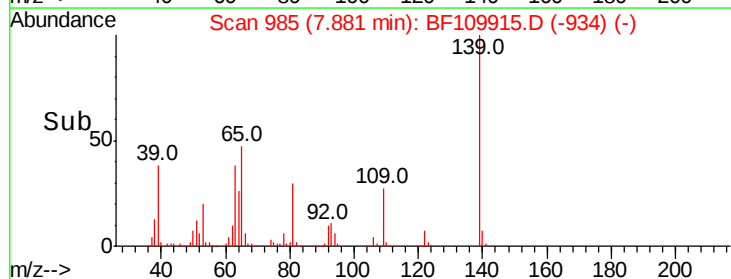
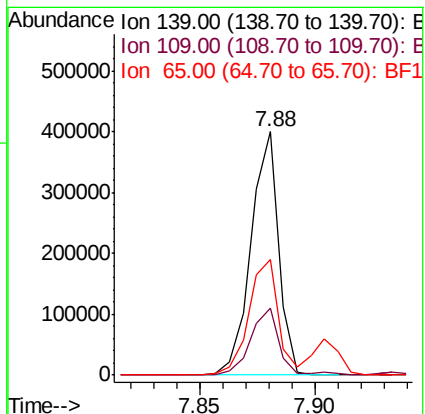
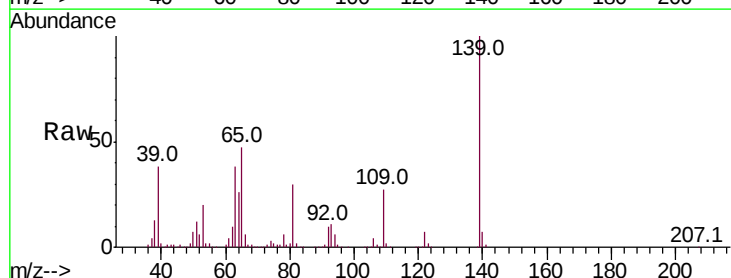
Tgt Ion: 139 Resp: 334687

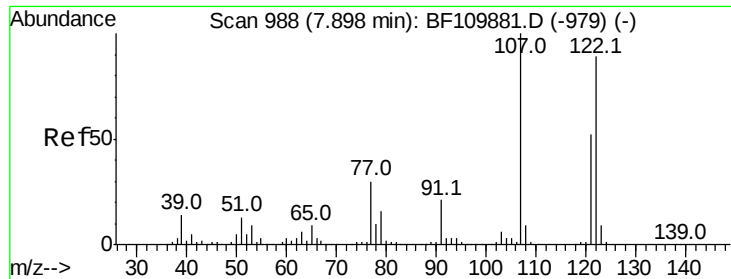
Ion Ratio Lower Upper

139 100

109 27.3 25.0 37.6

65 47.5 44.0 66.0

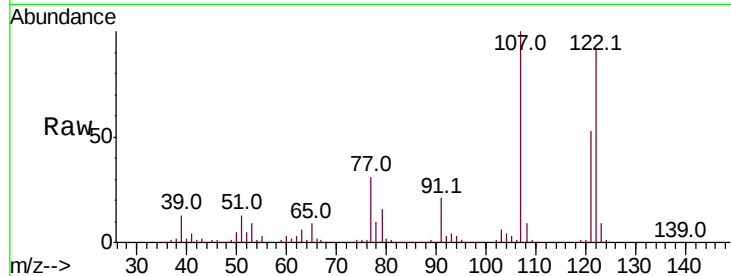




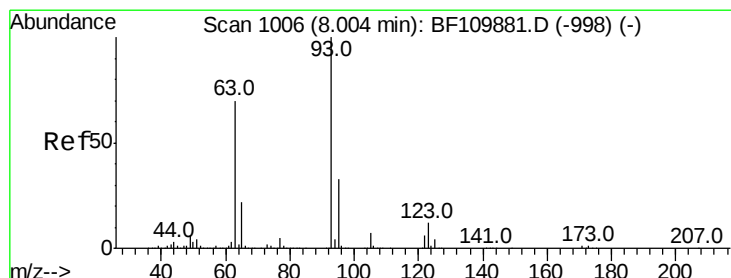
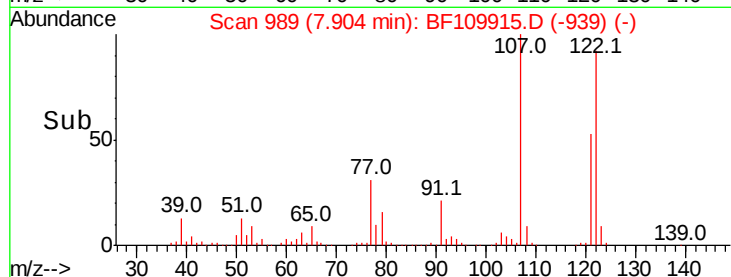
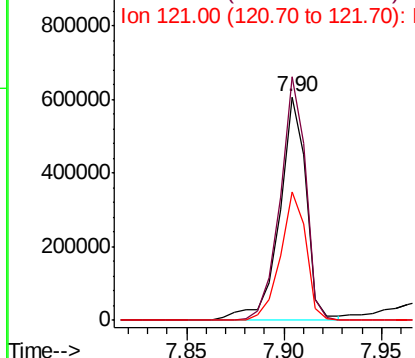
#27
2,4-Dimethylphenol
Concen: 39.075 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 574701
Ion Ratio Lower Upper
122 100
107 109.0 92.5 138.7
121 57.6 45.8 68.8

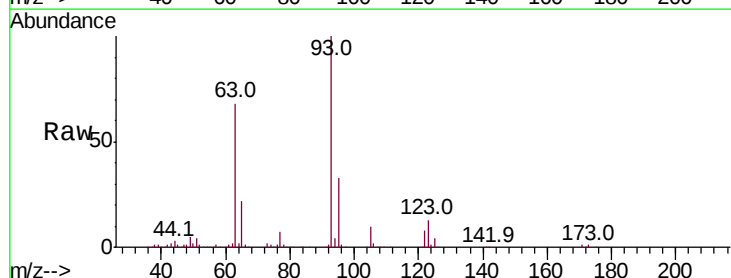


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

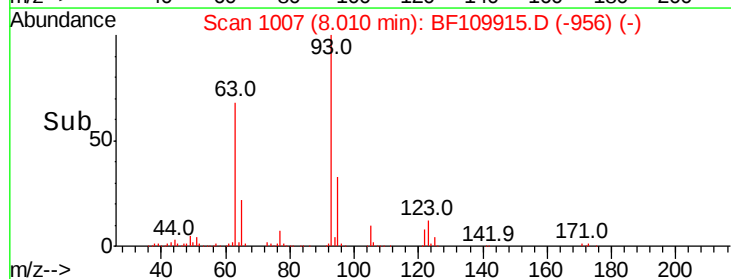
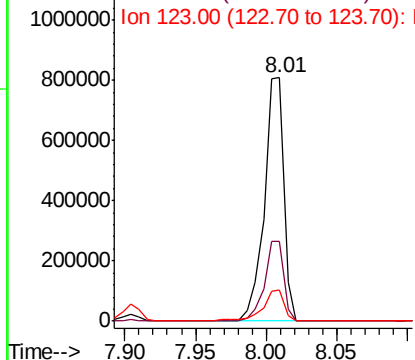


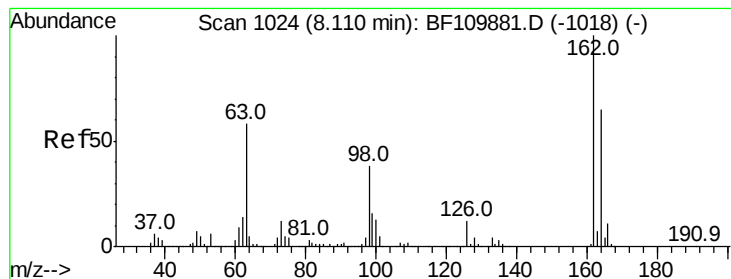
#28
bis(2-Chloroethoxy)methane
Concen: 37.933 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion: 93 Resp: 794908
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.5 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.291 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

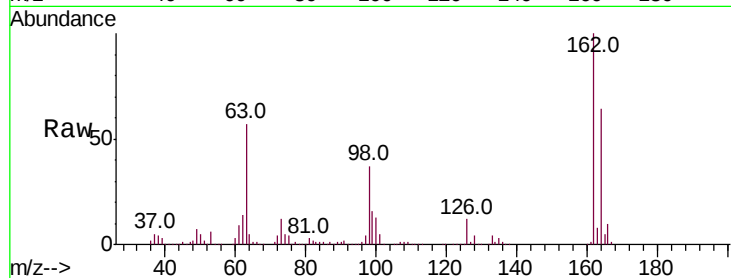
Tot Ion:162 Resp: 574863

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

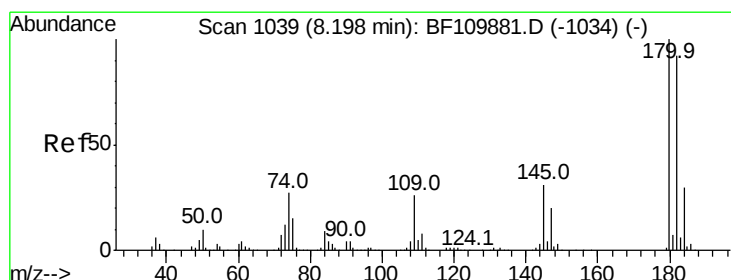
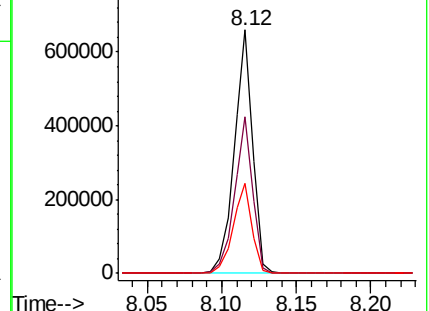
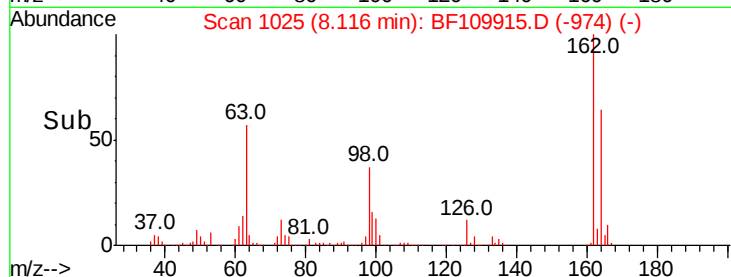
98 37.0 17.4 57.4



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: 39.363 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

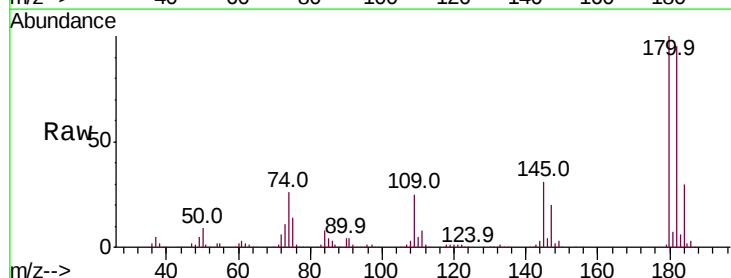
Tgt Ion:180 Resp: 628827

Ion Ratio Lower Upper

180 100

182 95.4 80.3 120.5

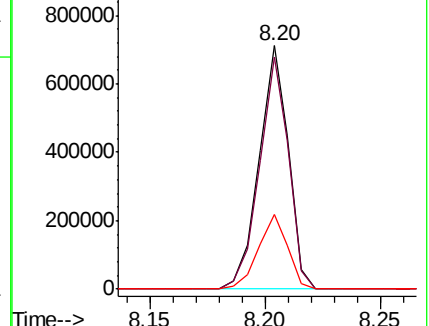
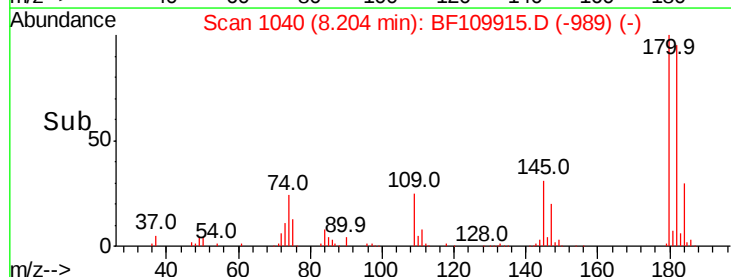
145 30.8 25.4 38.0

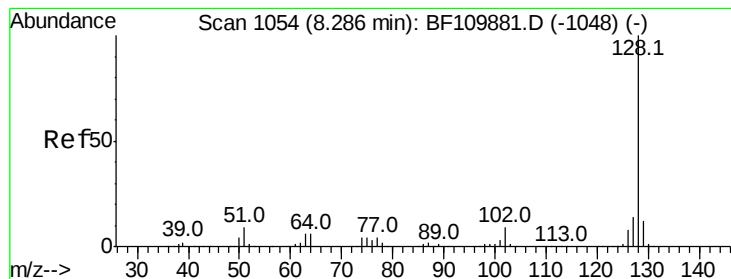


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.434 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

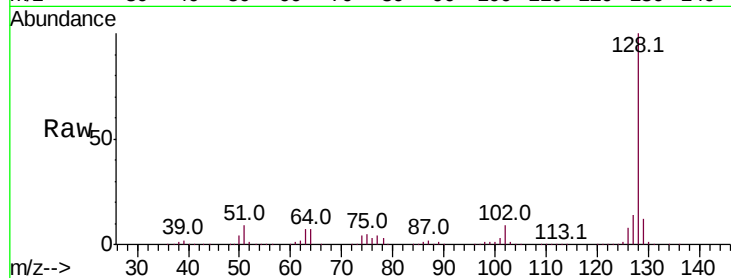
Tot Ion:128 Resp: 1845011

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

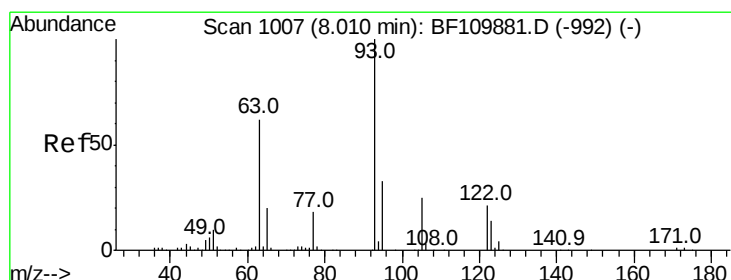
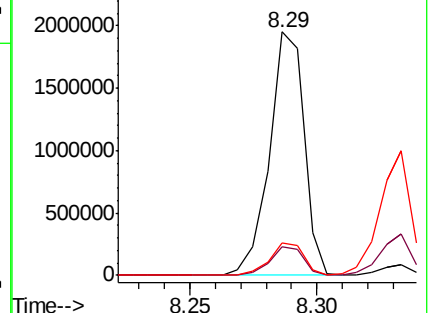
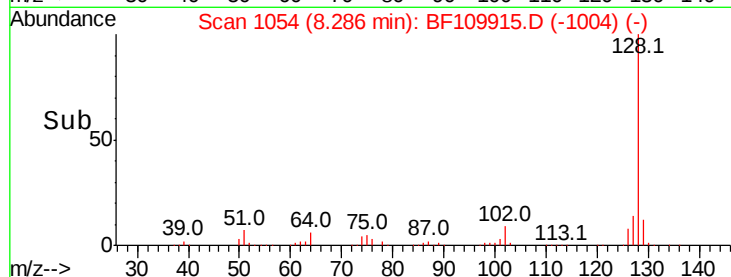
127 13.6 10.8 16.2



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: 30.581 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

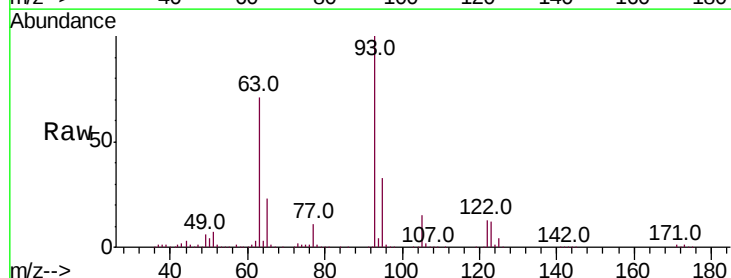
Tgt Ion:122 Resp: 280240

Ion Ratio Lower Upper

122 100

105 121.2 109.0 149.0

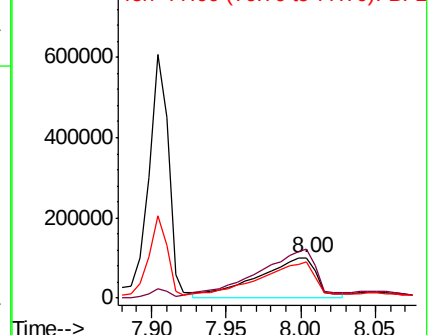
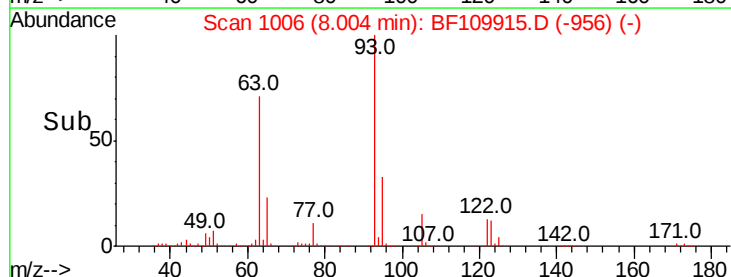
77 87.9 79.0 119.0

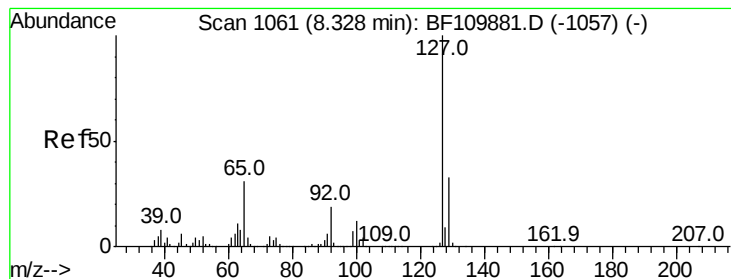


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.270 ng

RT: 8.33 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 847407

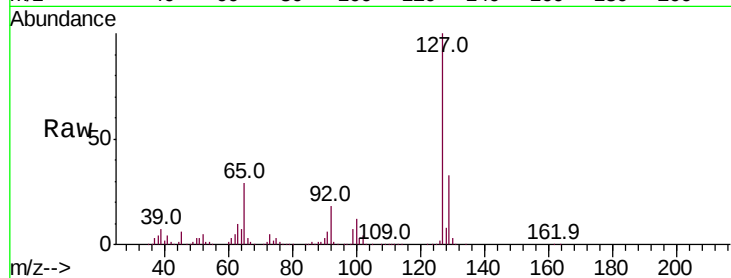
Ion Ratio Lower Upper

127 100

129 33.4 26.0 39.0

65 29.2 25.1 37.7

92 18.2 15.0 22.6

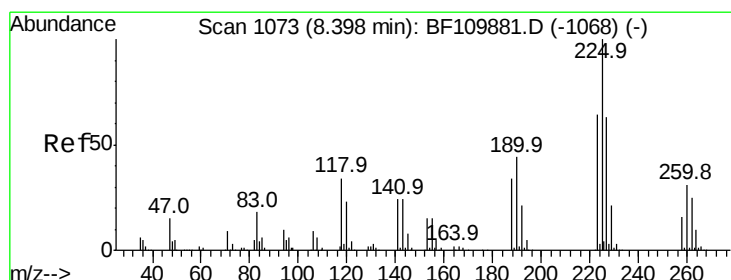
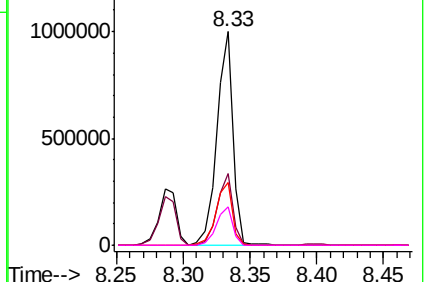
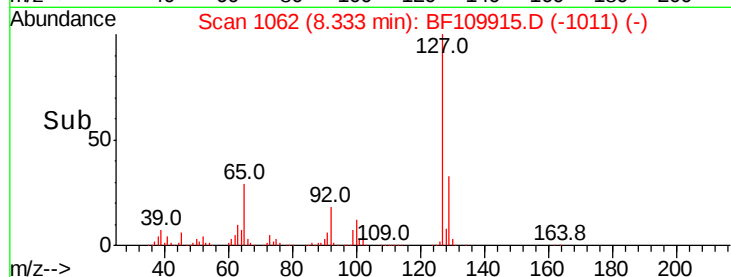


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.649 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

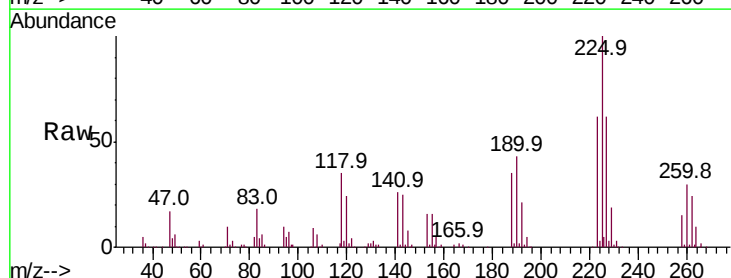
Tgt Ion:225 Resp: 340468

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

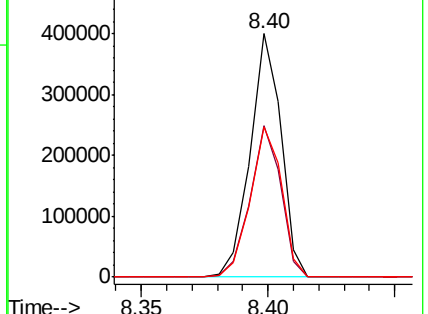
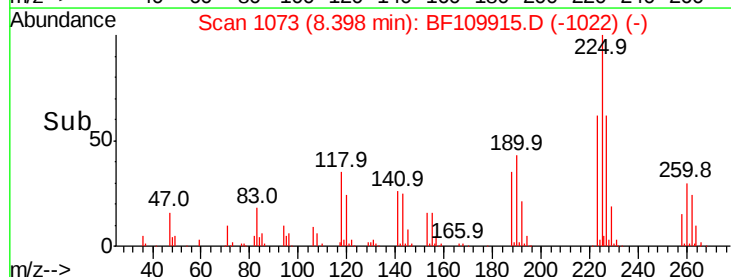
227 61.9 51.0 76.6

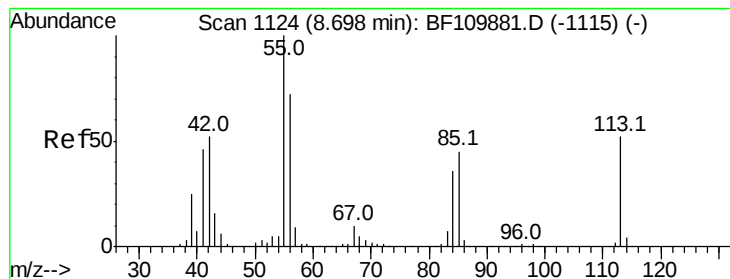


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.526 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

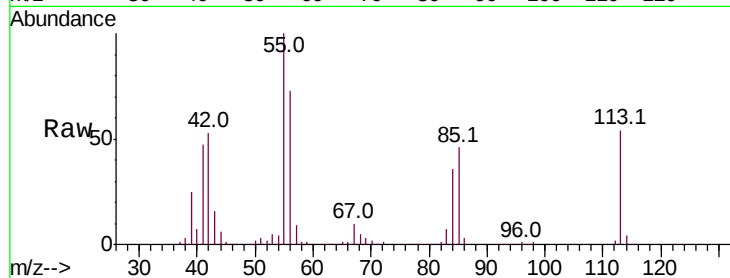
Tot Ion:113 Resp: 200282

Ion Ratio Lower Upper

113 100

55 186.8 142.8 182.8#

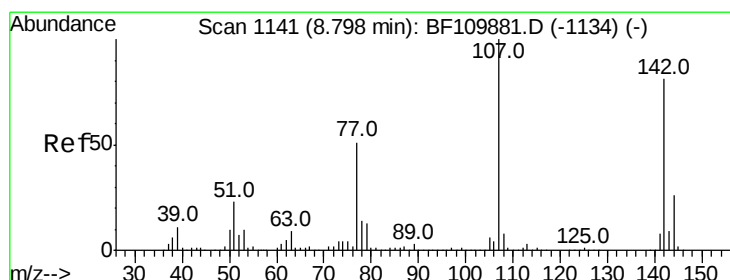
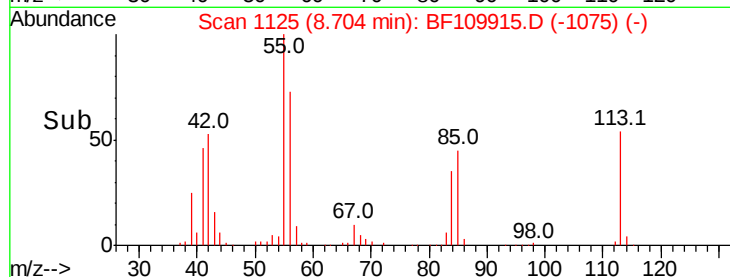
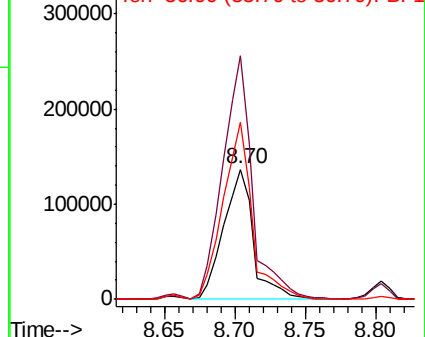
56 136.2 105.0 145.0



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: 40.233 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

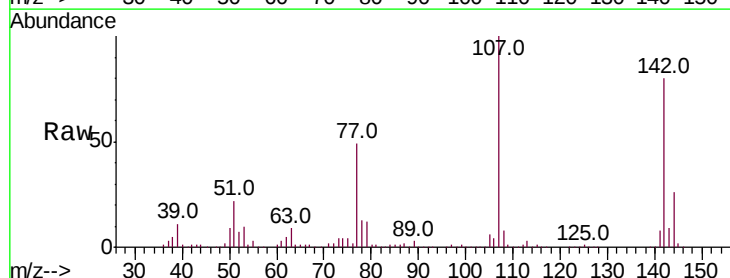
Tgt Ion:107 Resp: 605566

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

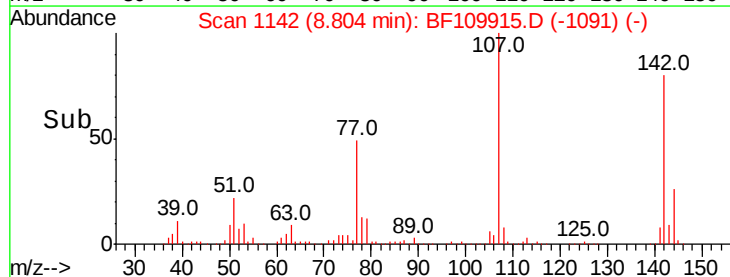
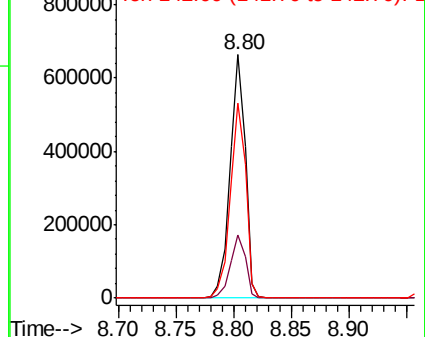
142 80.2 59.7 89.5

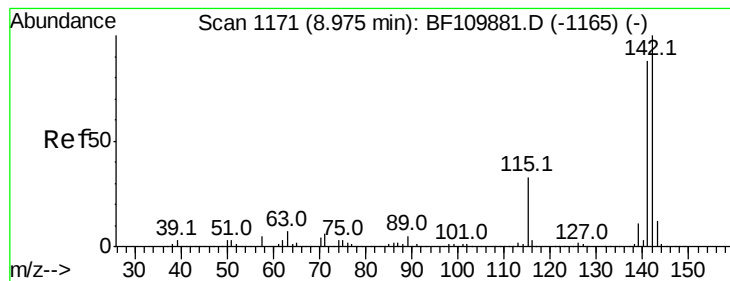


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.053 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

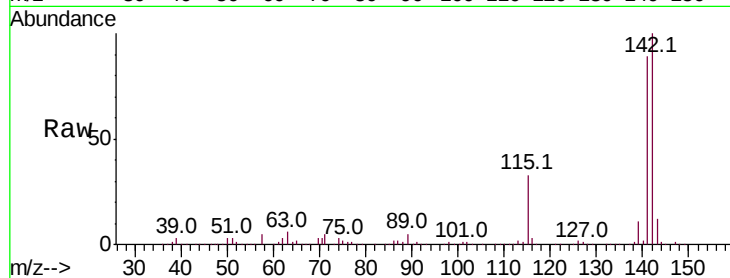
Tot Ion:142 Resp: 1213917

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

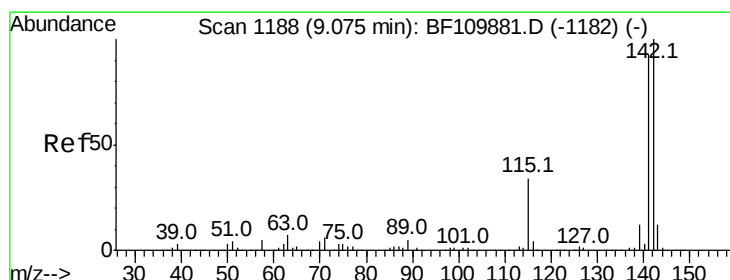
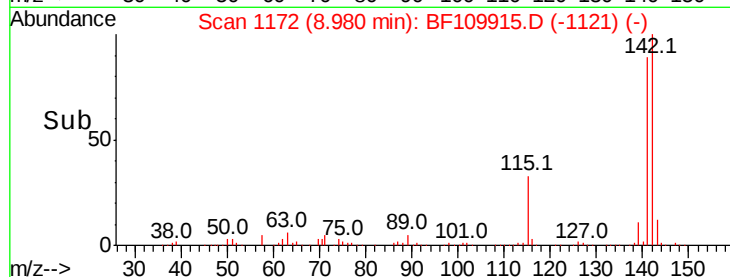
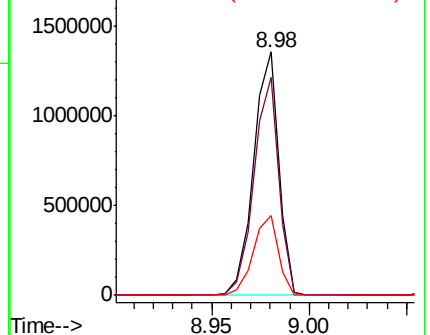
115 32.6 28.7 43.1



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: 38.844 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

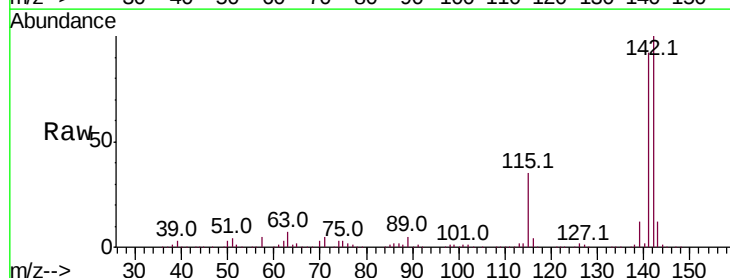
Tgt Ion:142 Resp: 1170003

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

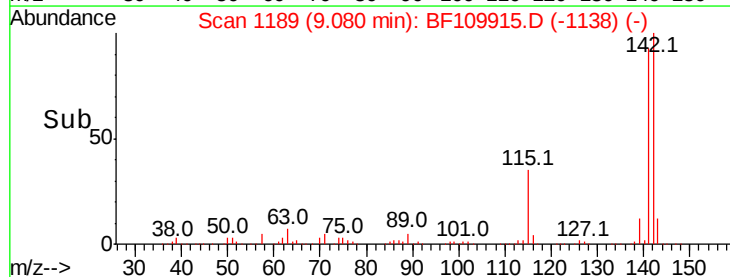
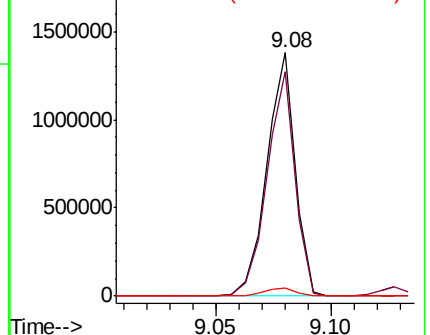
116 3.6 2.6 4.0

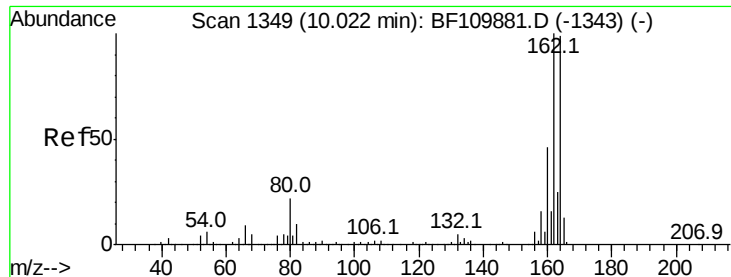


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

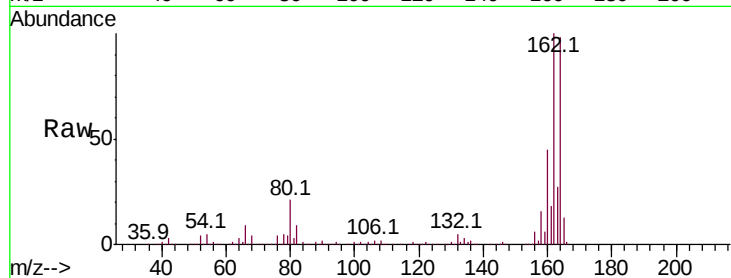
Tot Ion:164 Resp: 489735

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

160 45.8 37.0 55.6

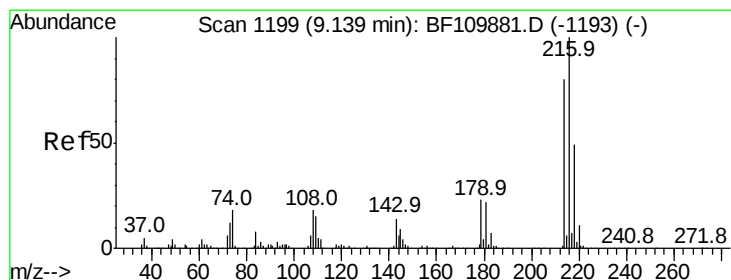
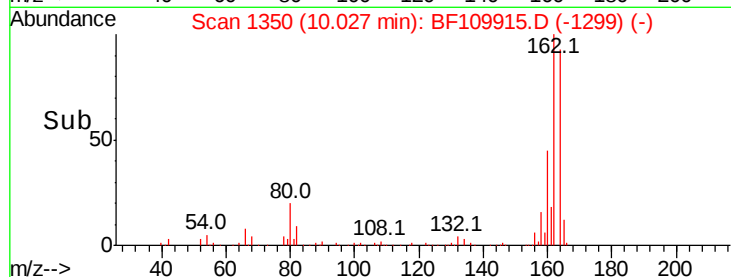
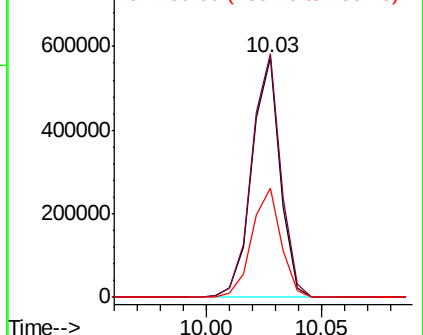


Abundance

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: 38.730 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:216 Resp: 584214

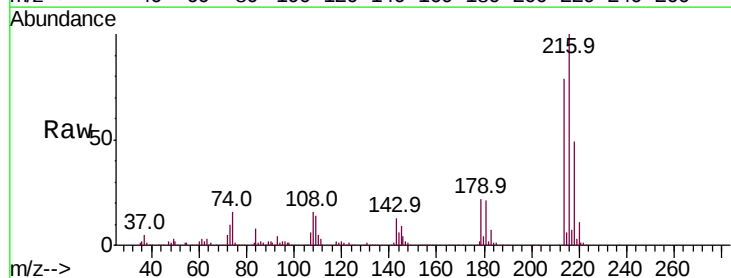
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 22.1 16.6 25.0

108 20.2 15.1 22.7



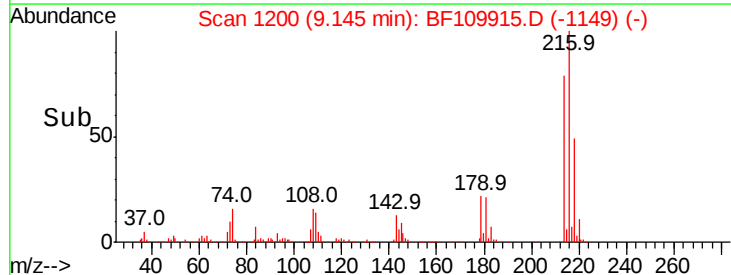
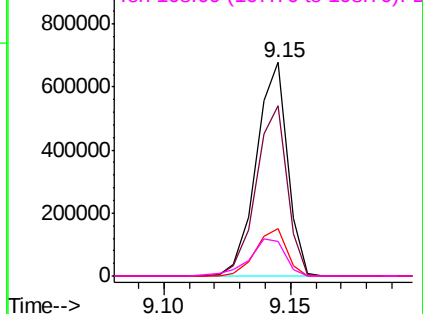
Abundance

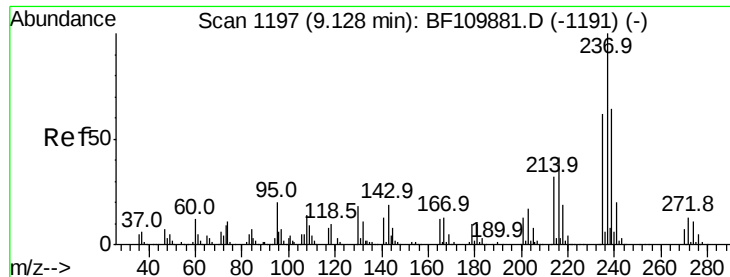
Ion 216.00 (215.70 to 216.70): E

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: 40.318 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

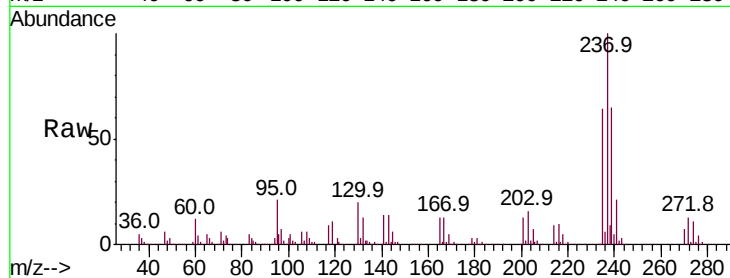
Tot Ion:237 Resp: 293538

Ion Ratio Lower Upper

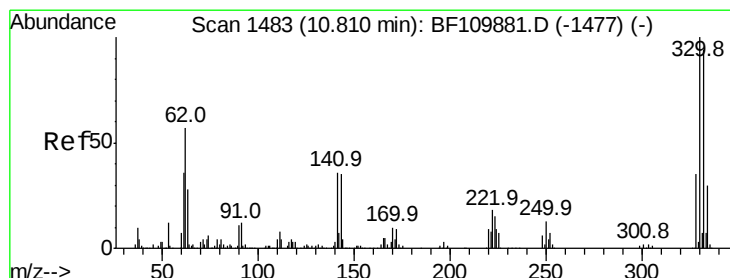
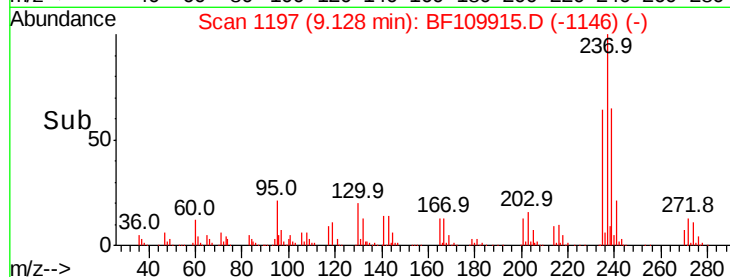
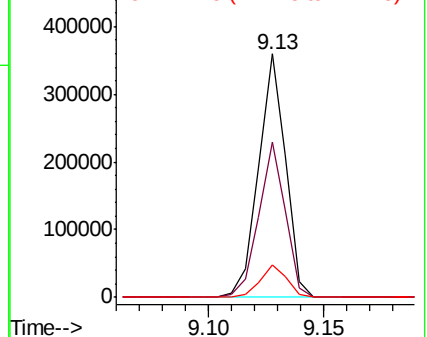
237 100

235 63.5 43.1 83.1

272 13.2 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



#42

2,4,6-Tribromophenol

Concen: 85.478 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

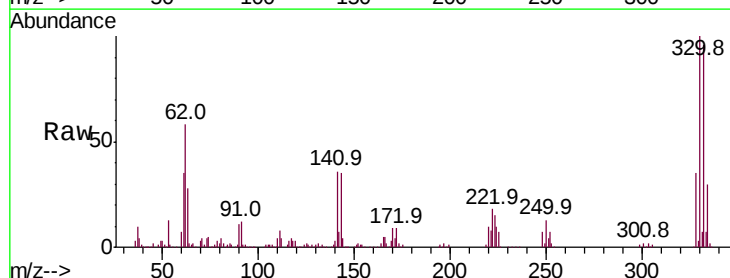
Tgt Ion:330 Resp: 362425

Ion Ratio Lower Upper

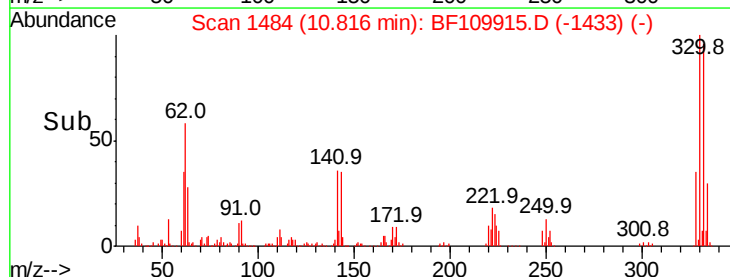
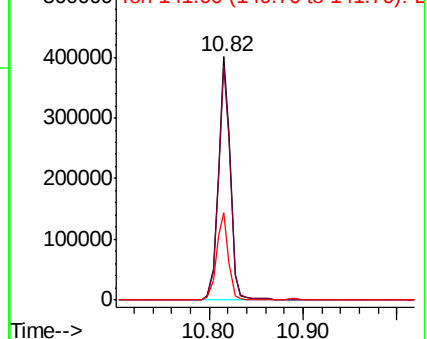
330 100

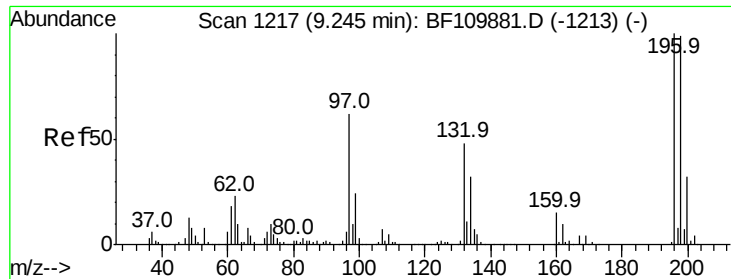
332 95.7 77.1 115.7

141 35.8 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

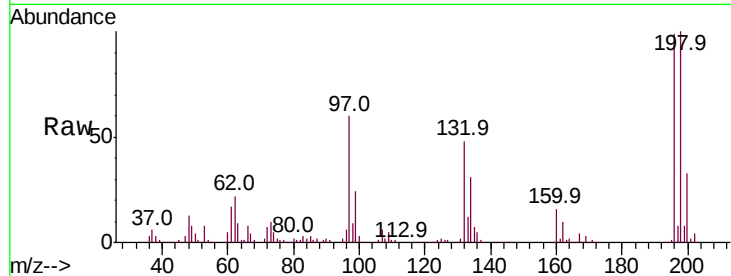




#43
 2,4,6-Trichlorophenol
 Concen: 40.638 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	383304
Ion Ratio	Lower	Upper	
196	100		
198	101.4	76.2	114.4
200	33.8	24.4	36.6

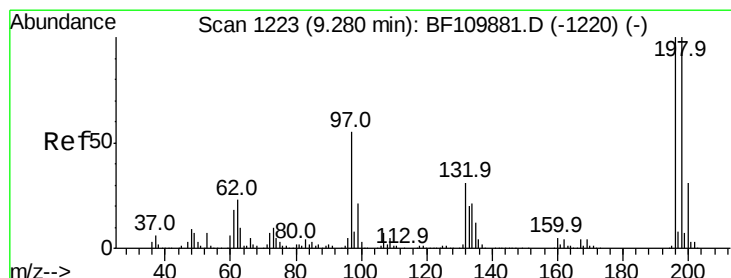
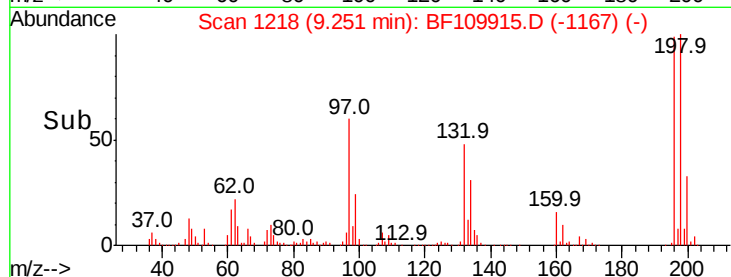
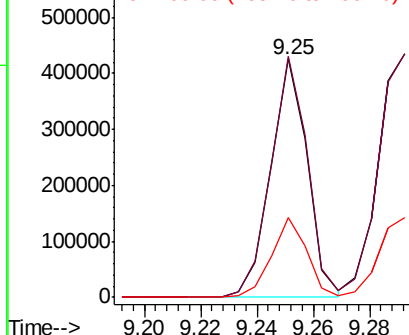


Abundance

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: 41.157 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	196	Resp	402900
Ion Ratio	Lower	Upper	
196	100		
198	100.0	75.8	113.6
97	46.8	42.4	63.6
132	28.3	22.8	34.2

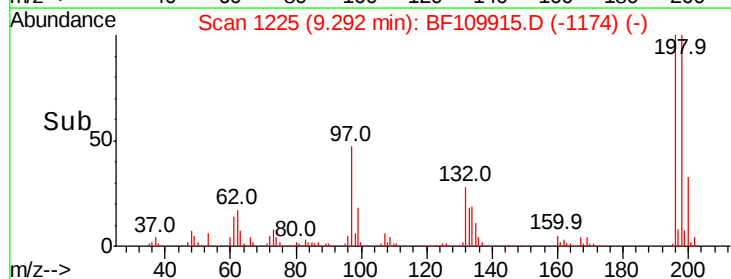
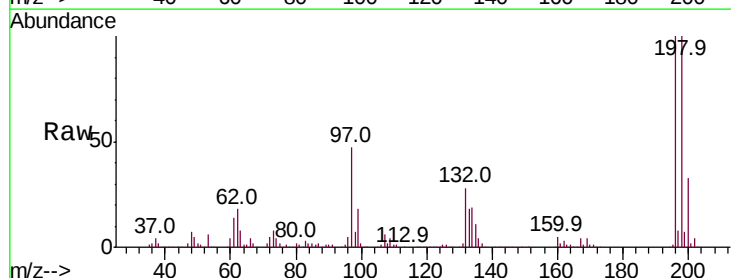
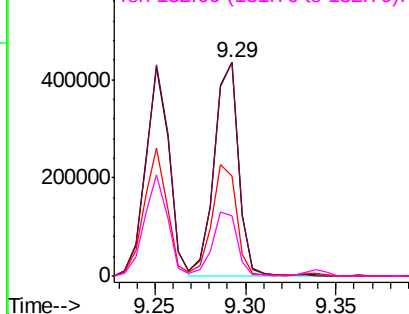
Abundance

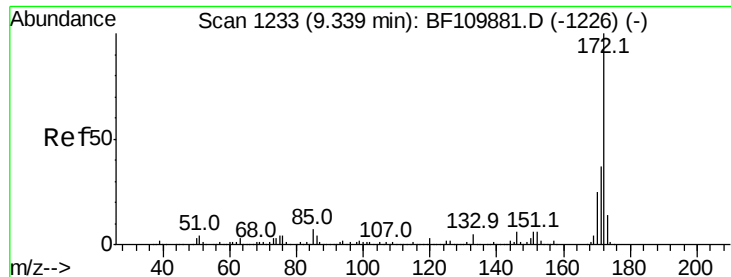
Ion 196.00 (195.70 to 196.70): E

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

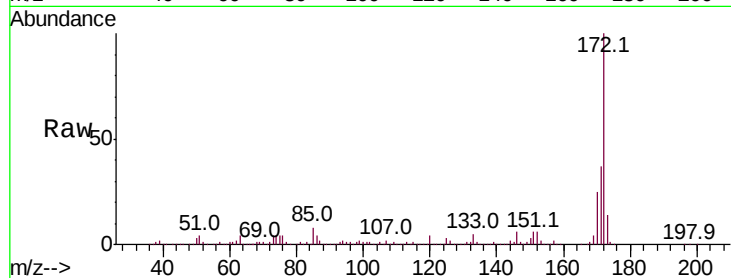




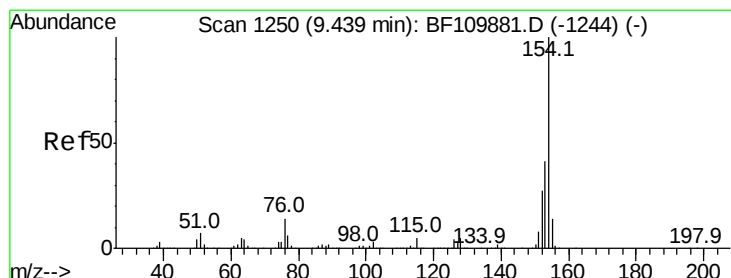
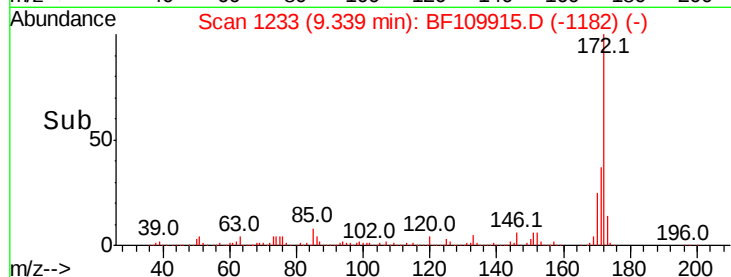
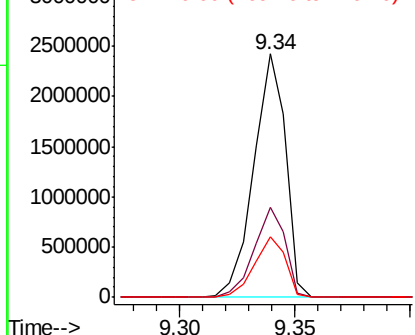
#45
2-Fluorobiphenyl
Concen: 76.204 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2338828
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 25.1 19.7 29.5

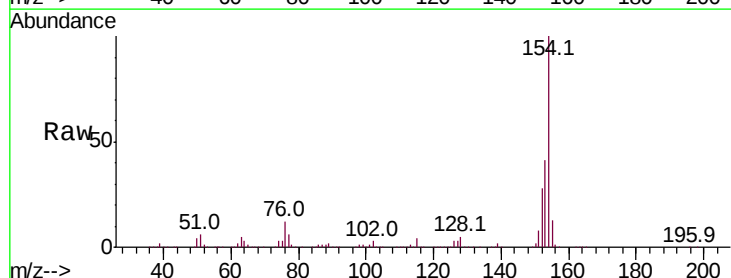


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

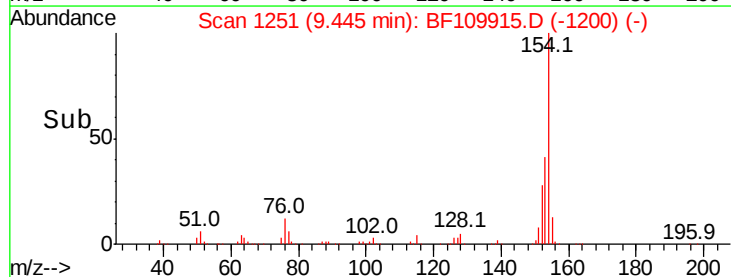
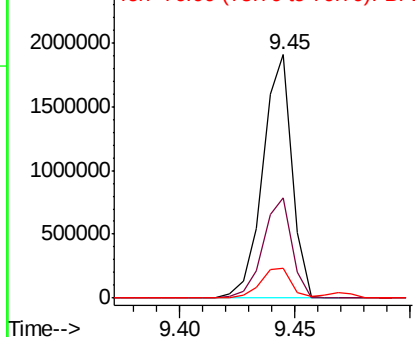


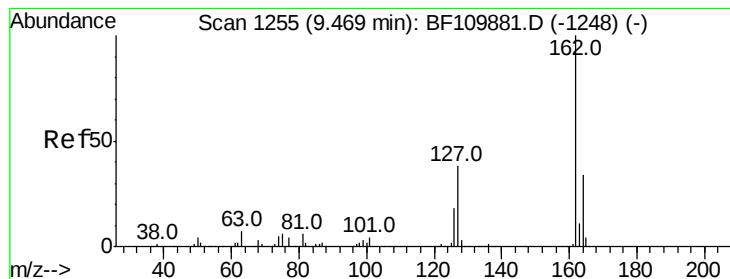
#46
1,1'-Biphenyl
Concen: 38.317 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:154 Resp: 1671886
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 12.1 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: 38.652 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

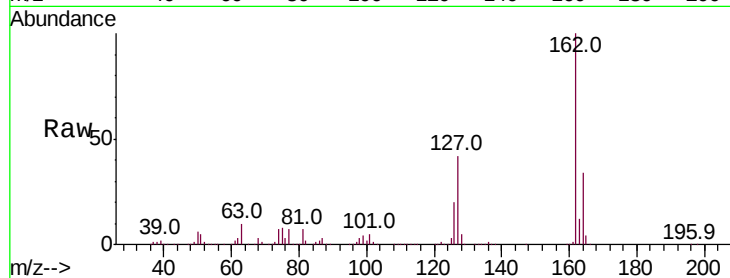
Tot Ion:162 Resp: 1242287

Ion Ratio Lower Upper

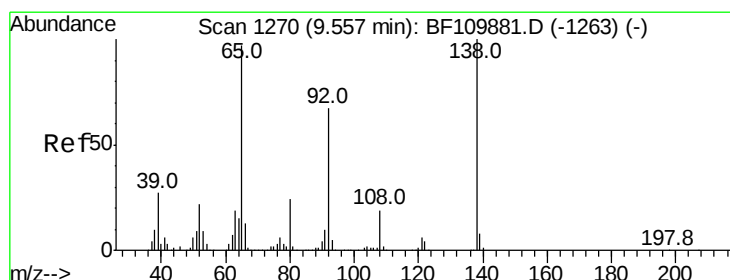
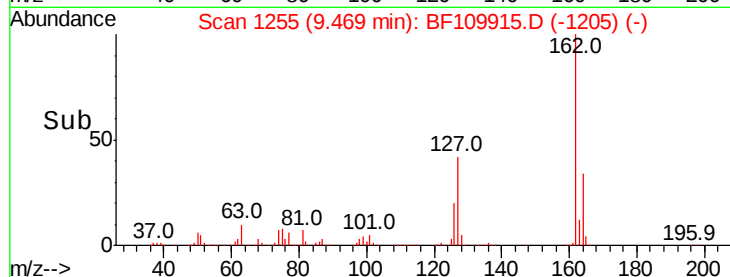
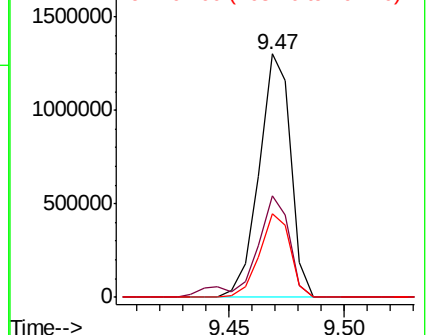
162 100

127 41.8 32.6 48.8

164 34.4 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: 47.002 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

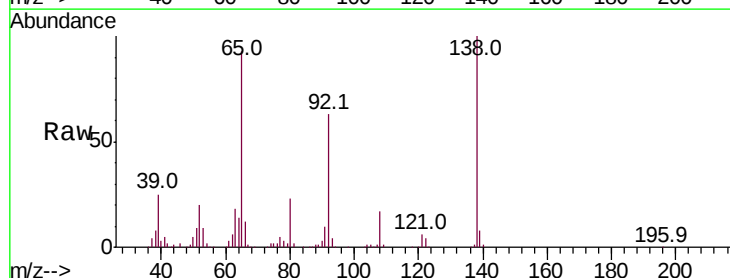
Tgt Ion: 65 Resp: 387681

Ion Ratio Lower Upper

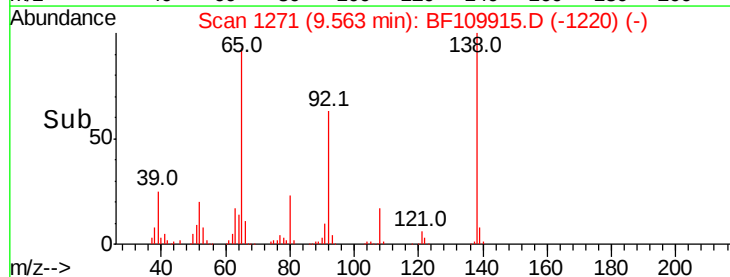
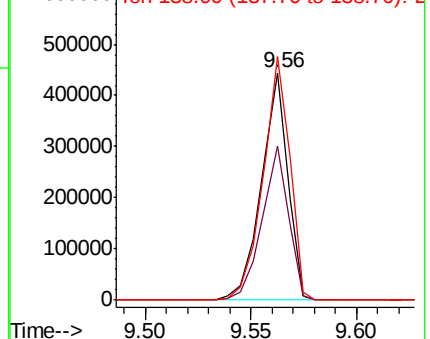
65 100

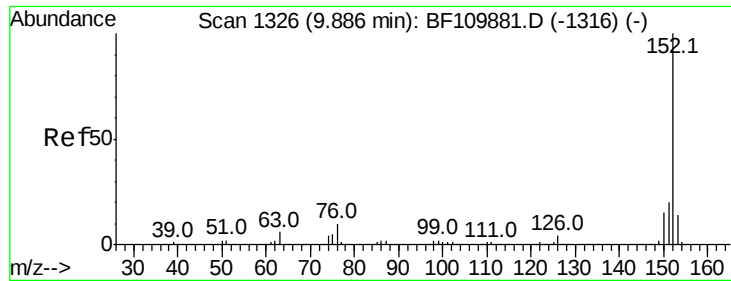
92 67.6 54.6 81.8

138 107.3 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: 38.470 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

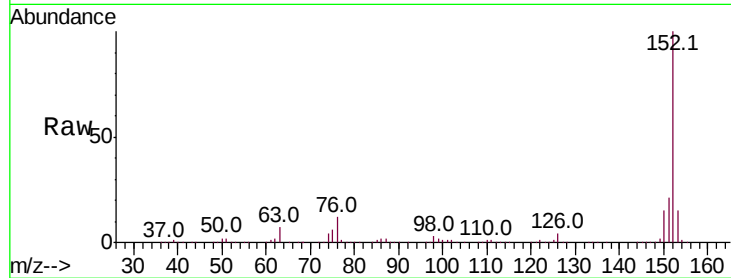
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 1796226

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.8	23.8
153	15.0	10.4	15.6

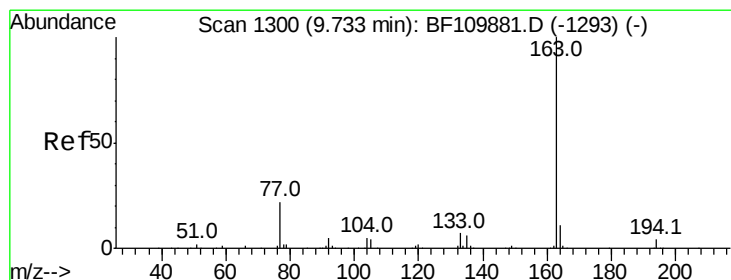
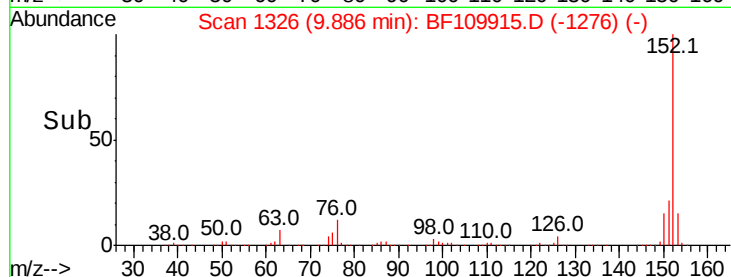
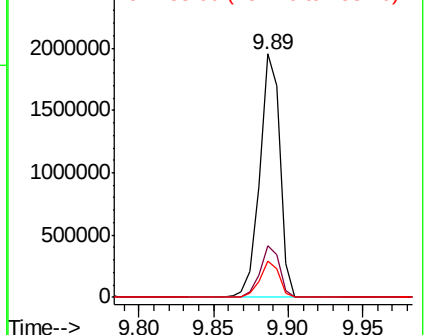


Abundance

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: 38.859 ng

RT: 9.74 min Scan# 1301

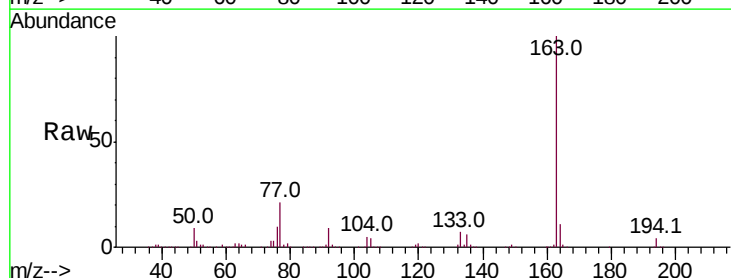
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:163 Resp: 1347552

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.8	8.1	12.1

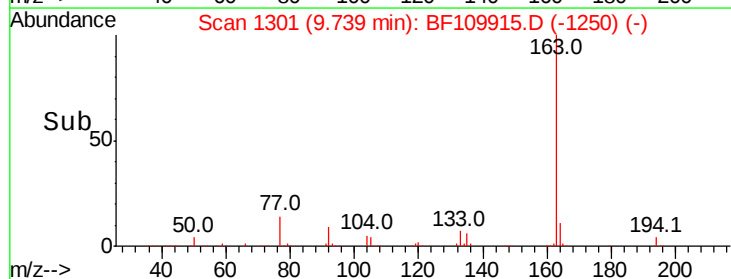
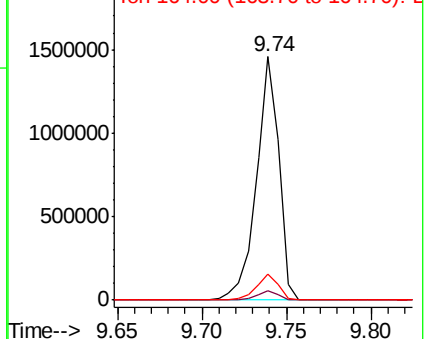


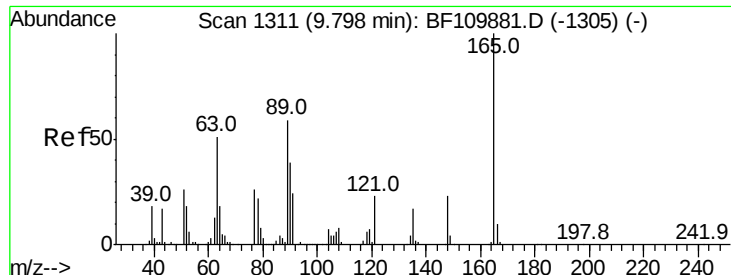
Abundance

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

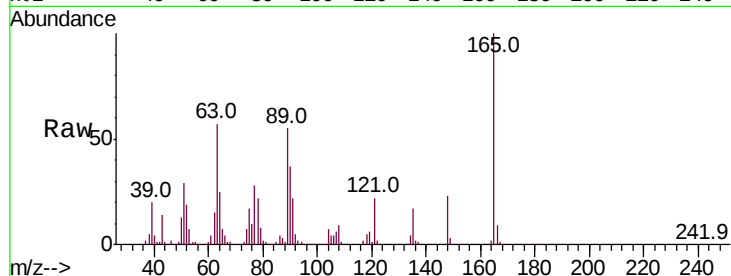




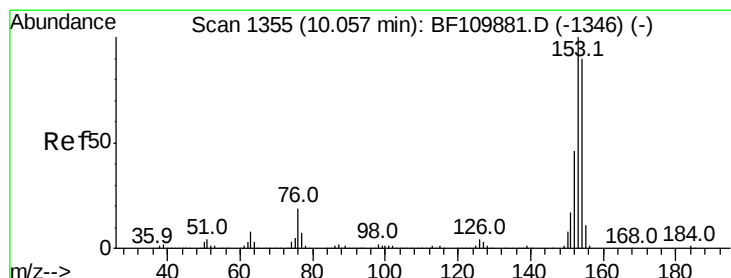
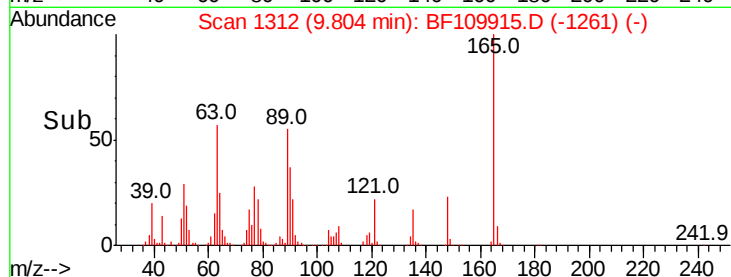
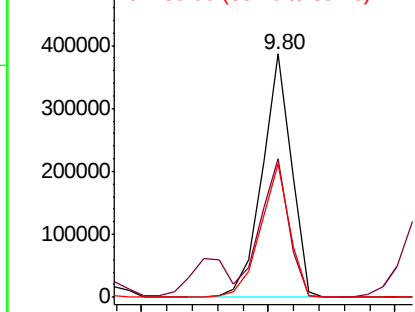
#51
2,6-Dinitrotoluene
Concen: 47.084 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 310118
Ion Ratio Lower Upper
165 100
63 56.9 48.9 73.3
89 54.8 46.6 69.8

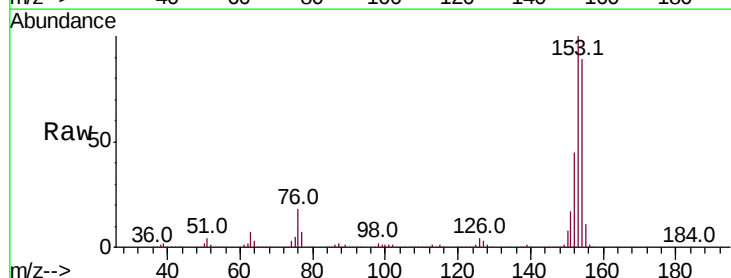


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

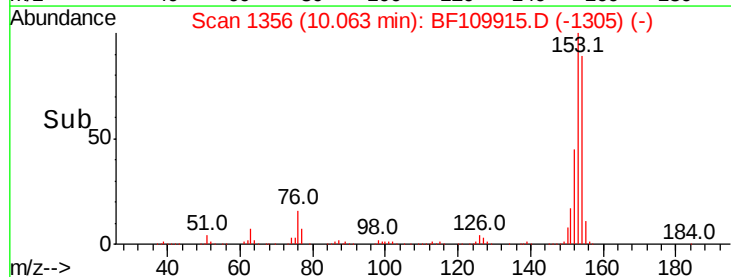
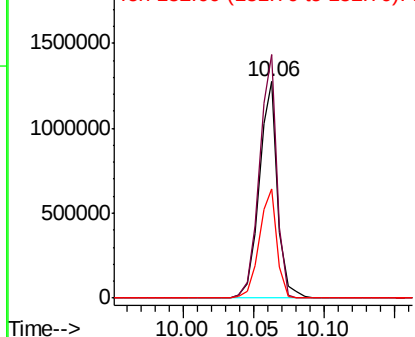


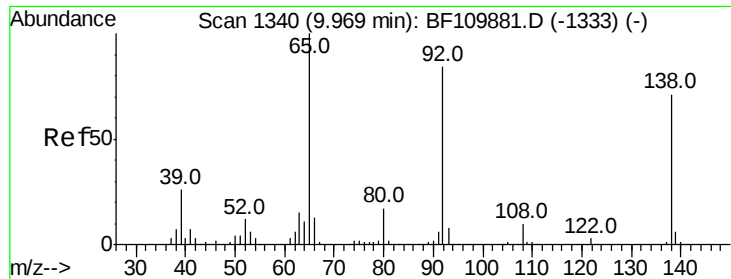
#52
Acenaphthene
Concen: 39.123 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:154 Resp: 1162959
Ion Ratio Lower Upper
154 100
153 112.4 90.1 135.1
152 50.4 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

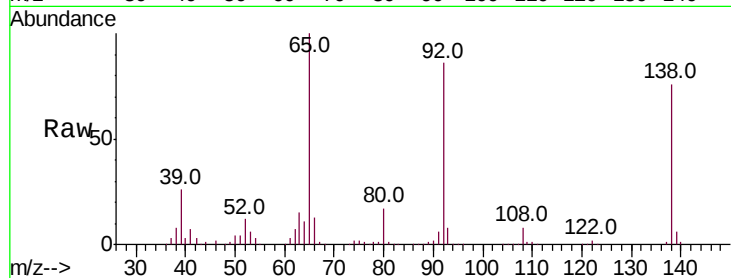




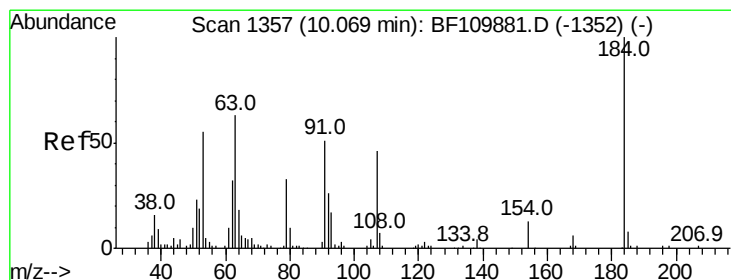
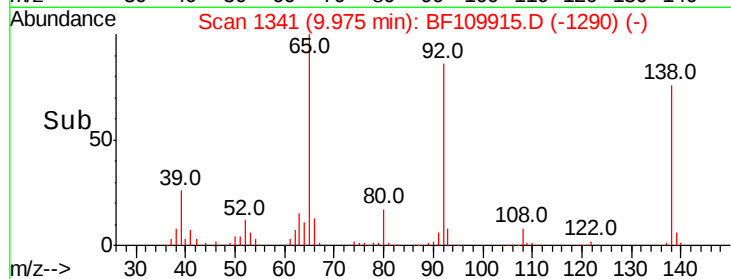
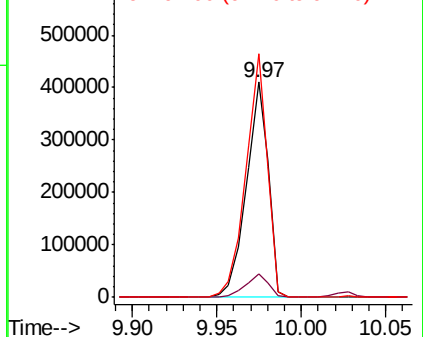
#53
 3-Nitroaniline
 Concen: 46.483 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 372427
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.7 13.1
 92 113.2 97.0 145.4

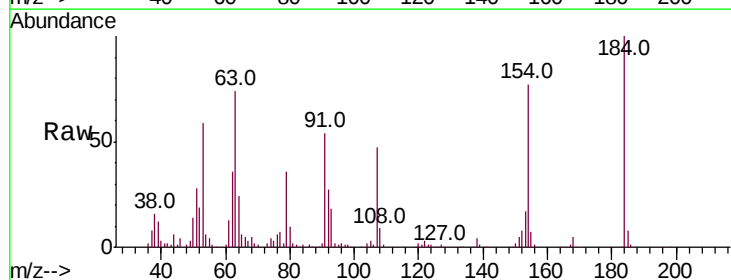


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

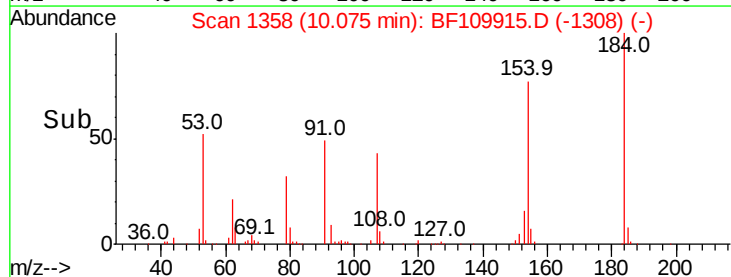
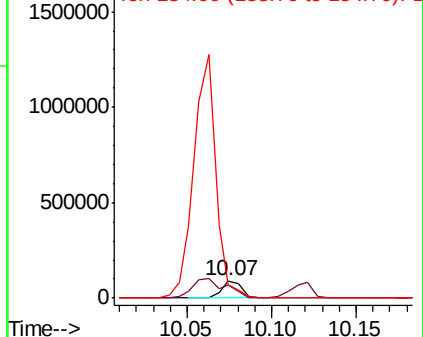


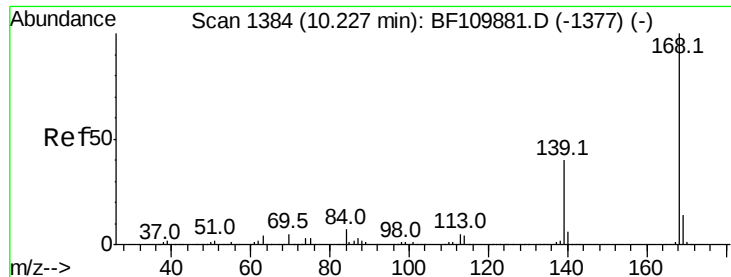
#54
 2,4-Dinitrophenol
 Concen: 40.035 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion:184 Resp: 73493
 Ion Ratio Lower Upper
 184 100
 63 74.1 55.8 83.6
 154 77.1 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: 38.738 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

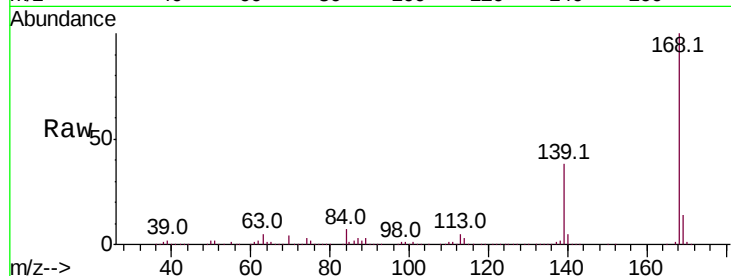
Tot Ion:168 Resp: 1642242

Ion Ratio Lower Upper

168 100

139 38.4 33.0 49.6

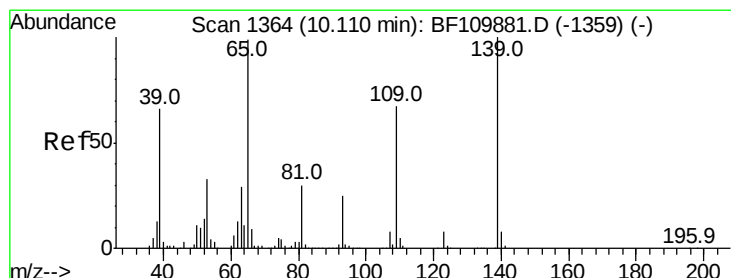
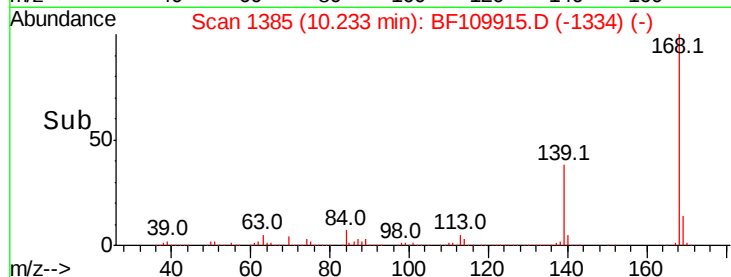
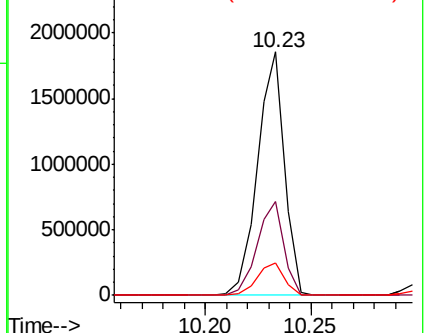
169 13.6 11.3 16.9



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: 45.132 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

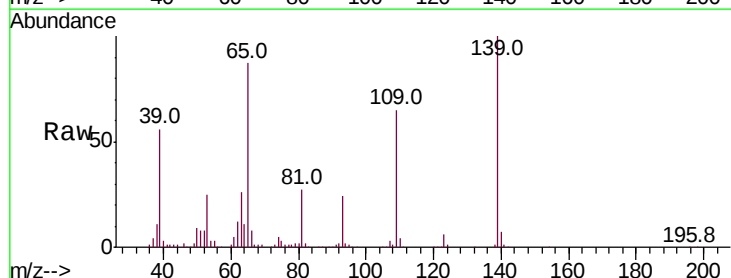
Tgt Ion:139 Resp: 275910

Ion Ratio Lower Upper

139 100

109 65.1 55.8 95.8

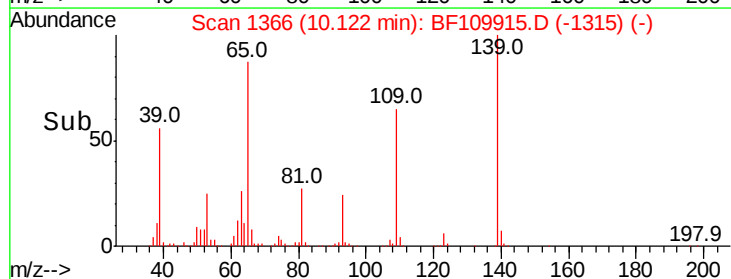
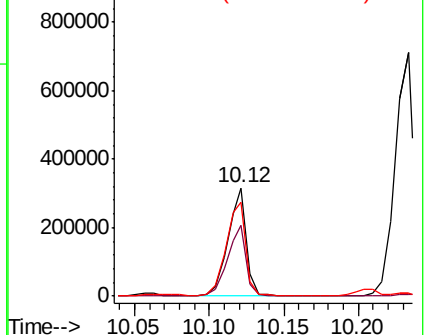
65 86.9 77.9 117.9

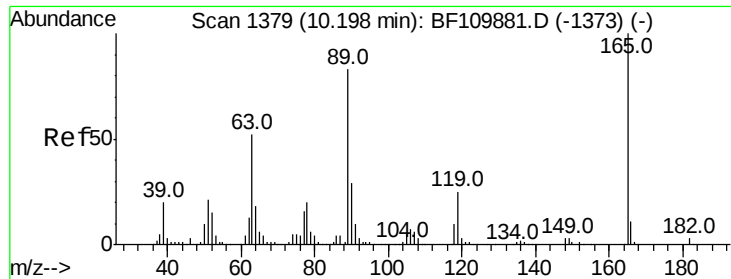


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

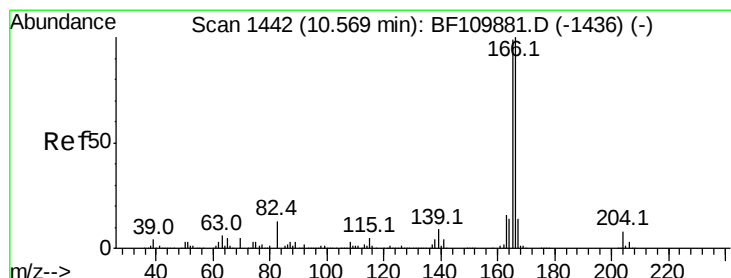
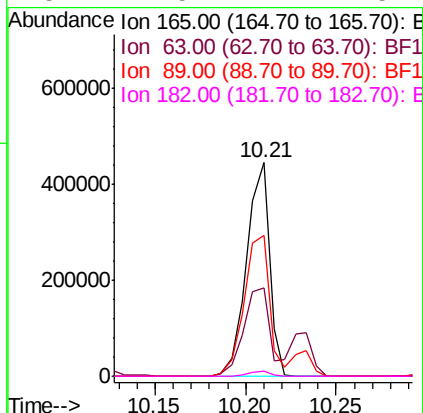
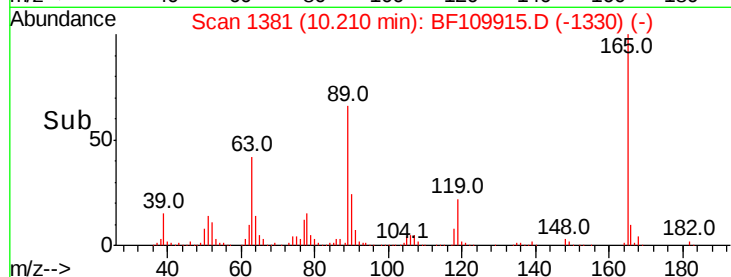
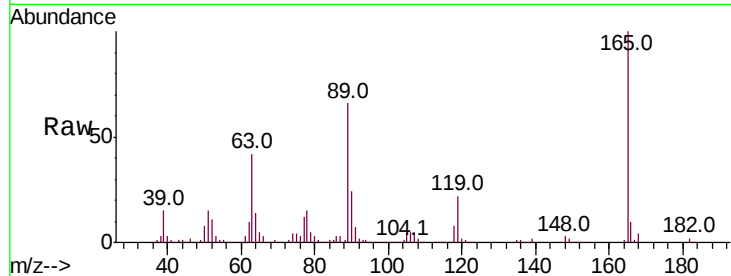




#57
2,4-Dinitrotoluene
Concen: 47.353 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

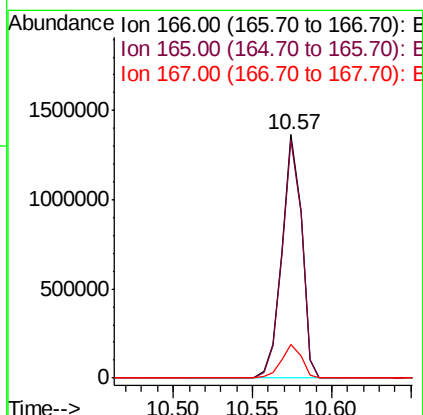
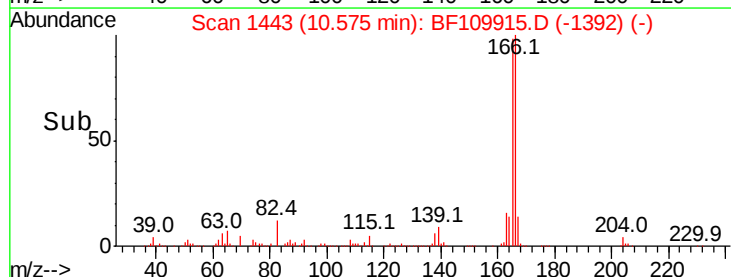
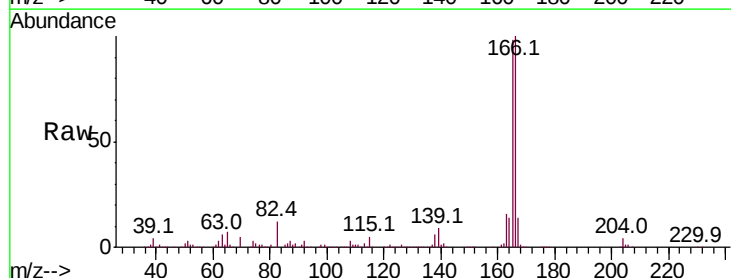
Instrument :
BNA_F
ClientSampleId :

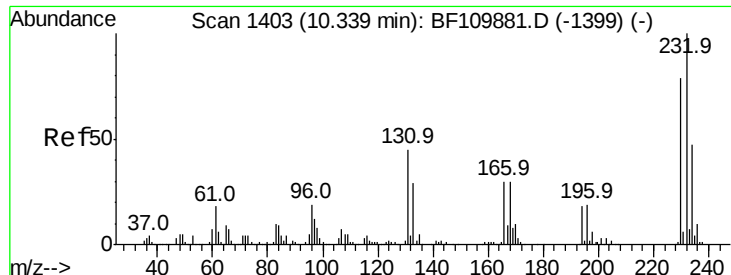
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	44.8	67.2#
89	66.0	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 38.383 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.1	10.8	16.2

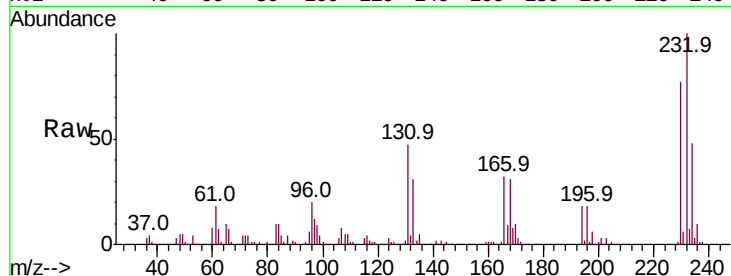




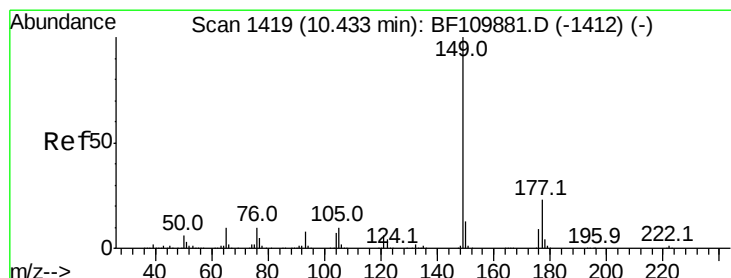
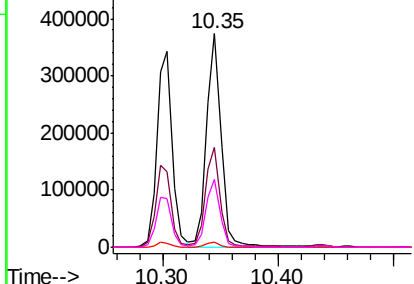
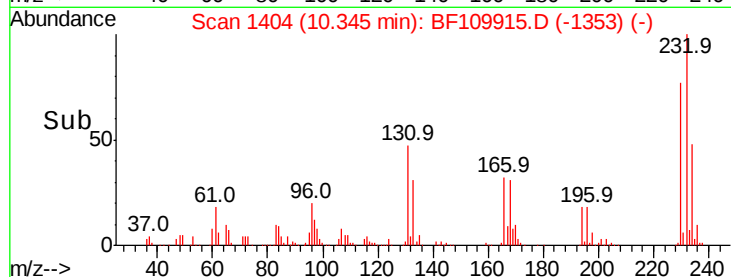
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.695 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 331241
 Ion Ratio Lower Upper
 232 100
 131 46.9 37.0 55.4
 130 2.4 1.8 2.6
 166 31.0 22.0 33.0

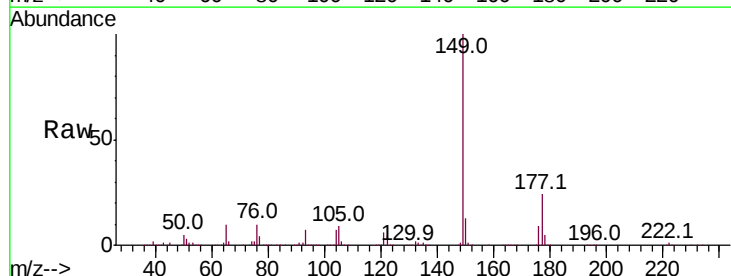


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

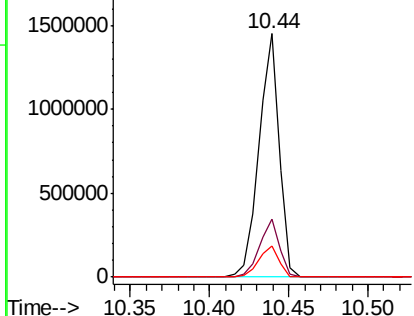
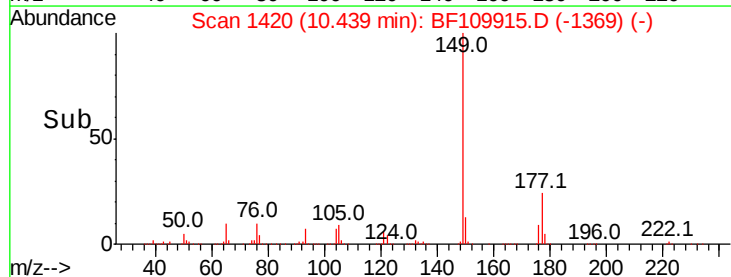


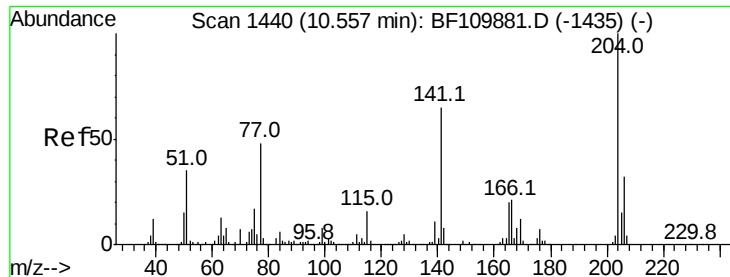
#60
 Diethylphthalate
 Concen: 37.871 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion:149 Resp: 1297099
 Ion Ratio Lower Upper
 149 100
 177 23.6 17.4 26.2
 150 12.9 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

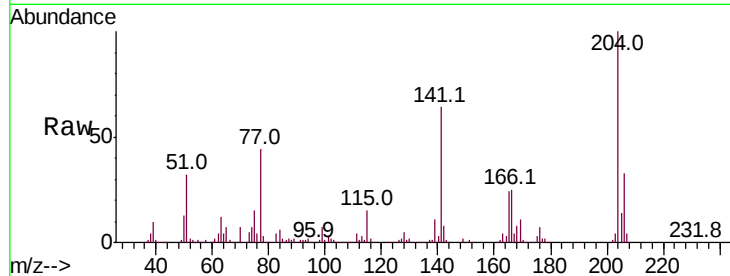




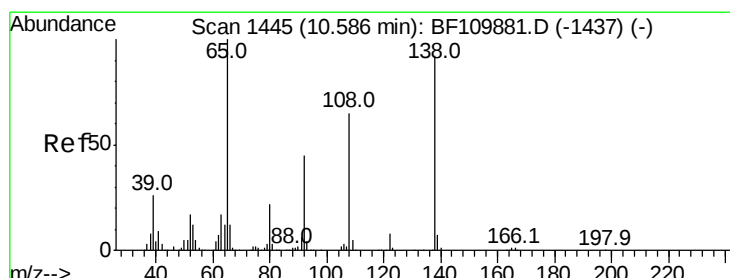
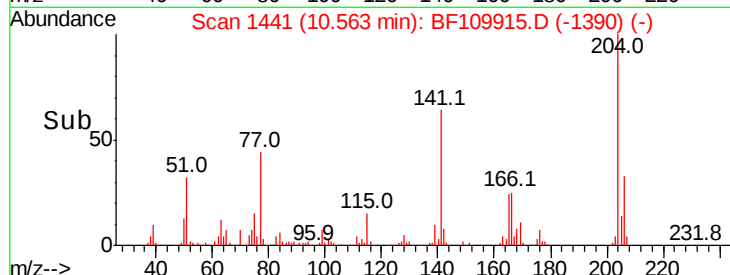
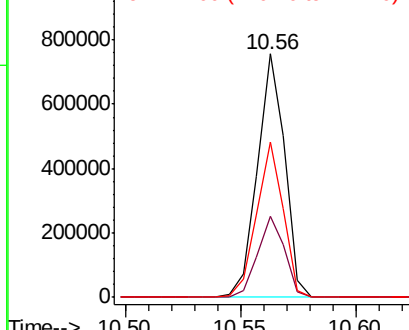
#61
4-Chlorophenyl-phenylether
Concen: 38.889 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 625156
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 63.7 51.8 77.8

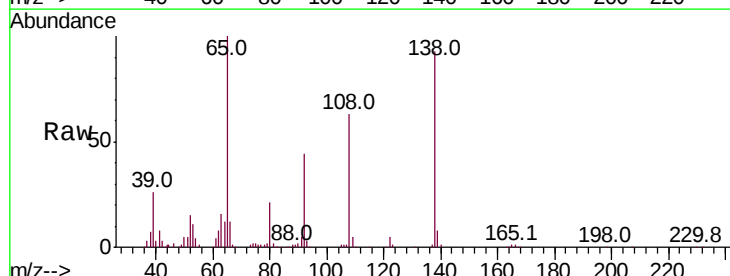


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

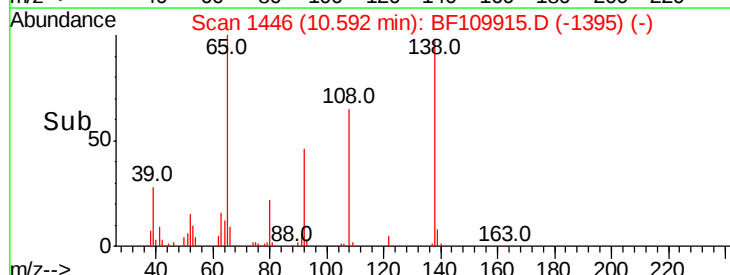
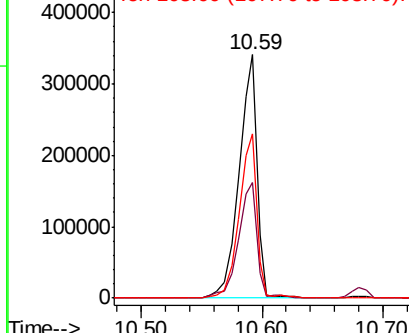


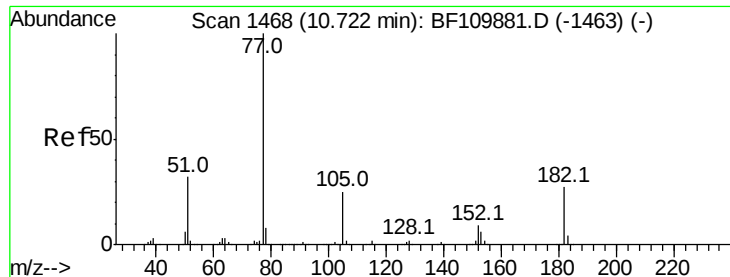
#62
4-Nitroaniline
Concen: 47.014 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:138 Resp: 356568
Ion Ratio Lower Upper
138 100
92 47.3 31.7 71.7
108 67.5 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: 37.357 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

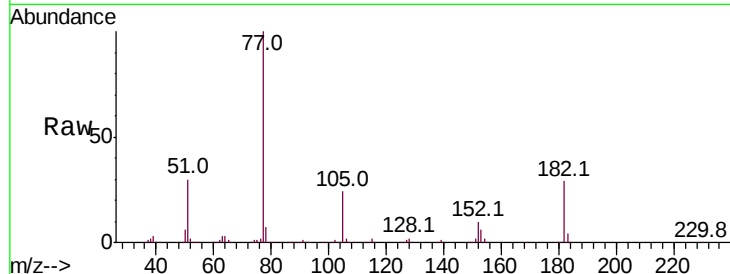
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1336667

Ion	Ratio	Lower	Upper
77	100		
182	29.0	4.3	44.3
105	24.4	1.3	41.3
51	29.9	9.0	49.0

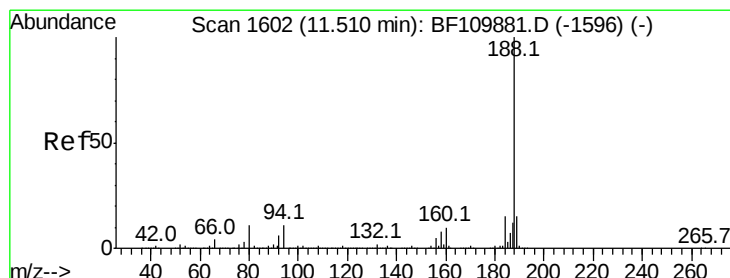
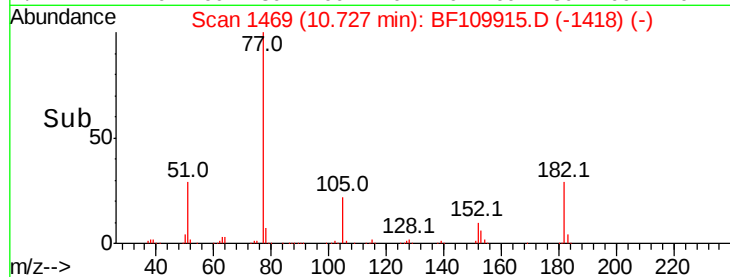
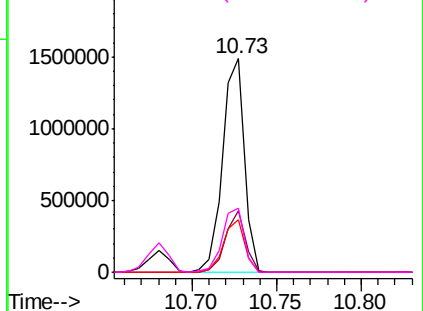


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

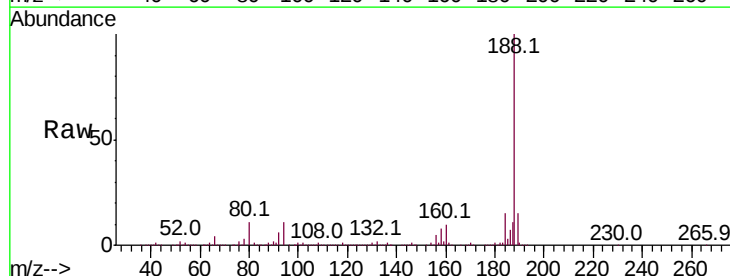
Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion: 188 Resp: 918964

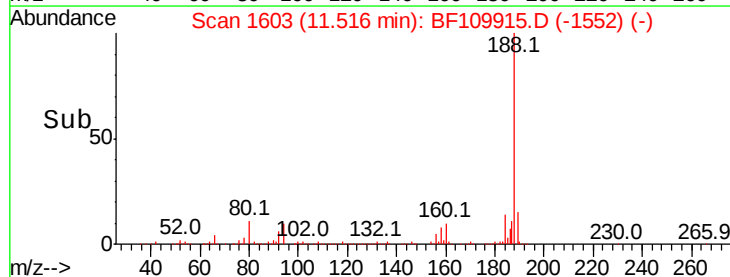
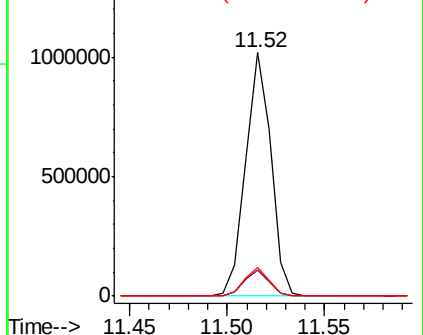
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	11.5	7.9	11.9

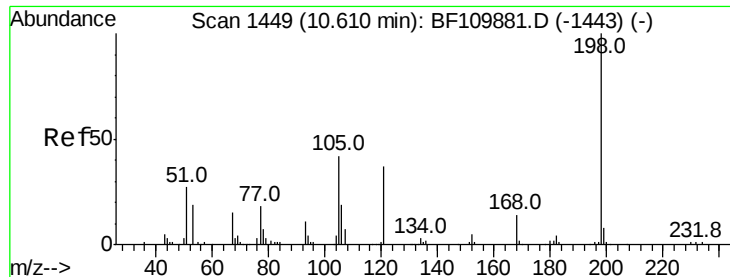


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

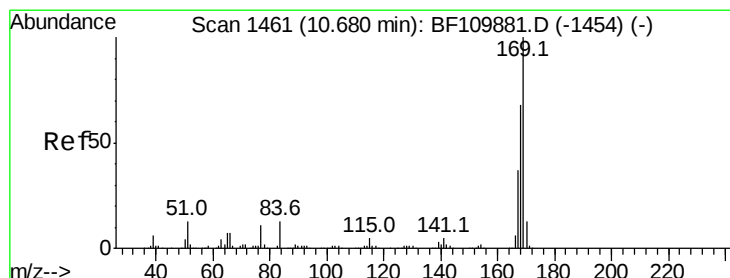
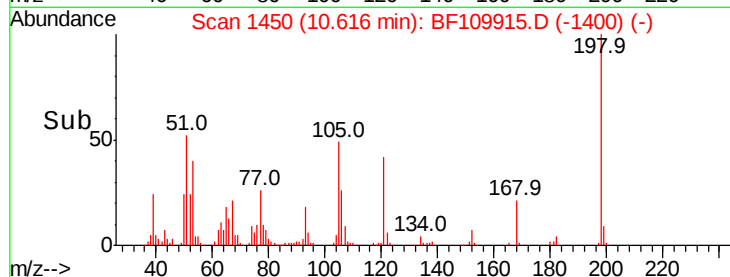
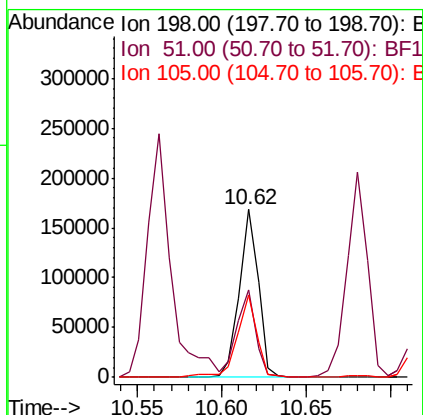
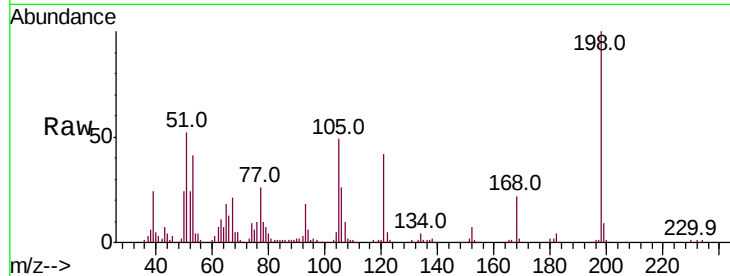




#65
4,6-Dinitro-2-methylphenol
Concen: 40.964 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

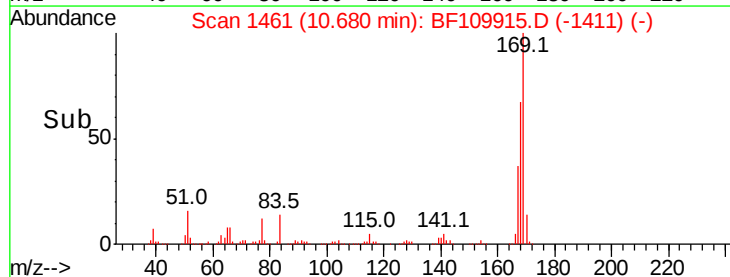
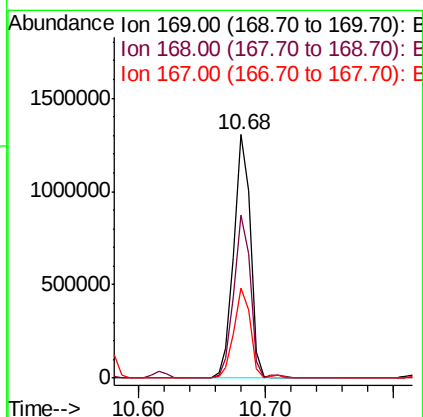
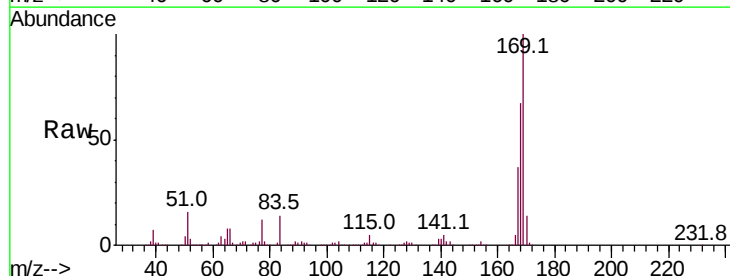
Instrument :
BNA_F
ClientSampleId :

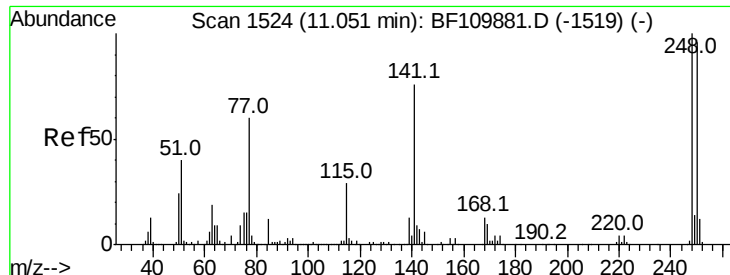
Tot Ion:198 Resp: 131760
Ion Ratio Lower Upper
198 100
51 51.9 22.8 62.8
105 49.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.023 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:169 Resp: 1163759
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 37.1 27.8 41.6

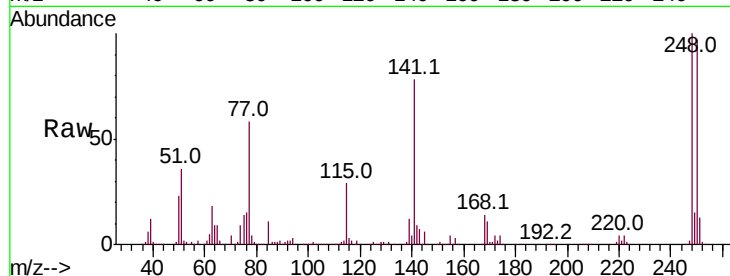




#67
 4-Bromophenyl-phenylether
 Concen: 38.214 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.2
141	77.5	55.9	83.9

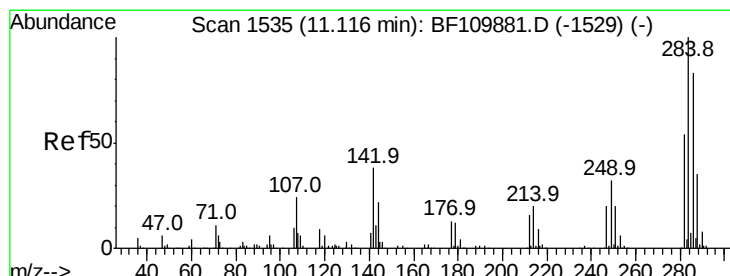
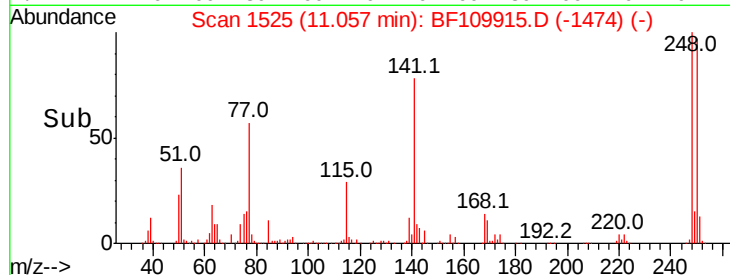
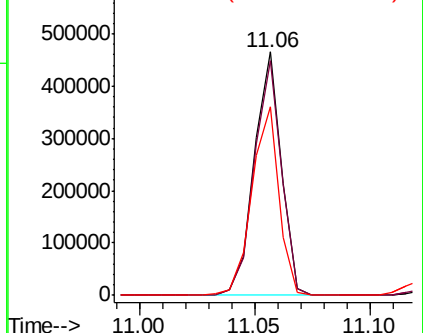


Abundance

Ion 248.00 (247.70 to 248.70): E

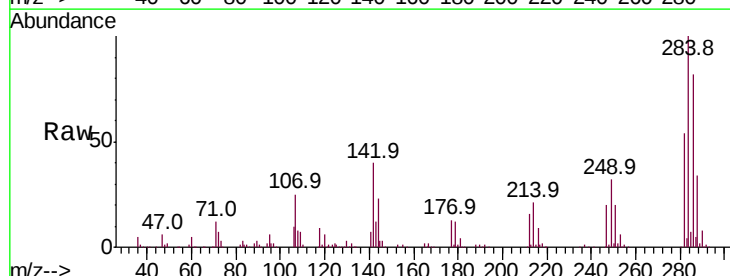
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.135 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	23.9	35.9#
249	31.5	24.2	36.2

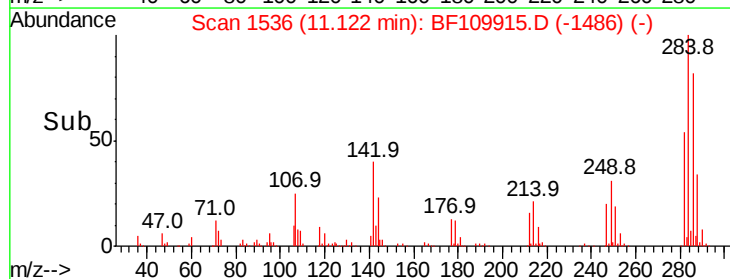
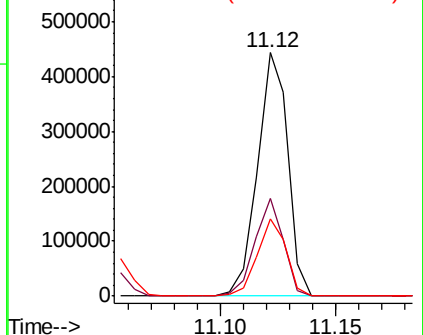


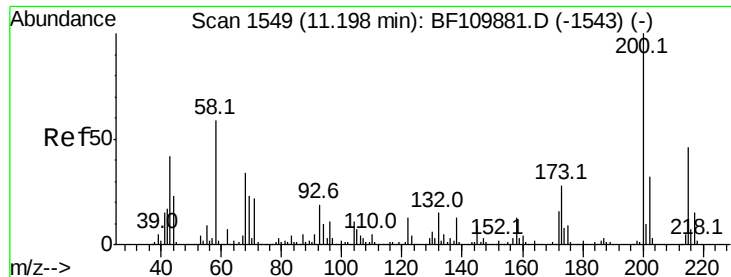
Abundance

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

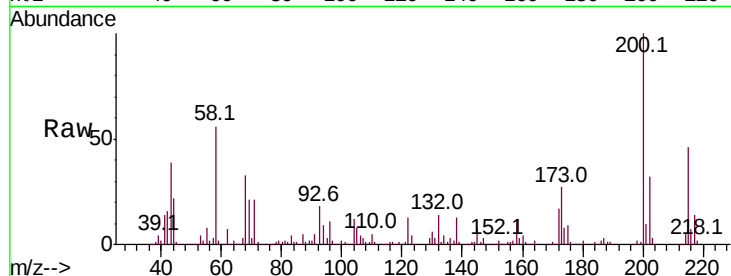




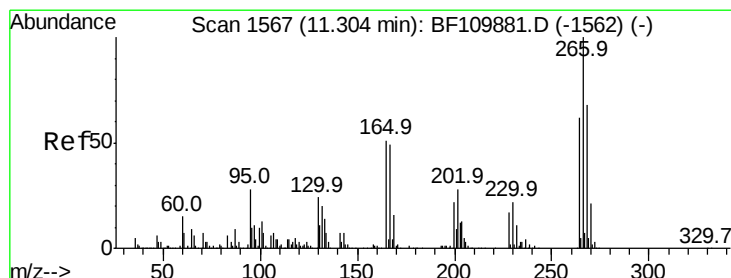
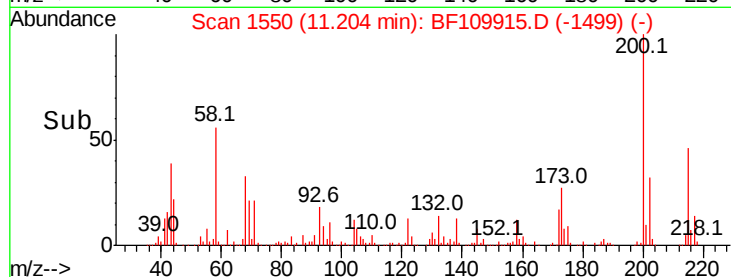
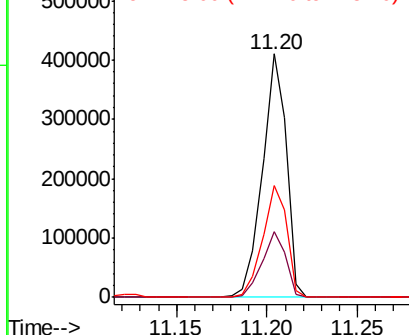
#69
Atrazine
Concen: 39.361 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	46.1	26.3	66.3

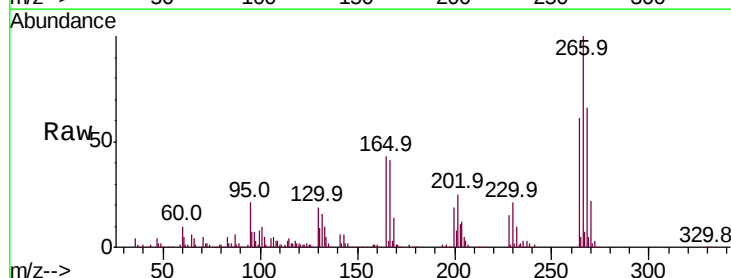


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

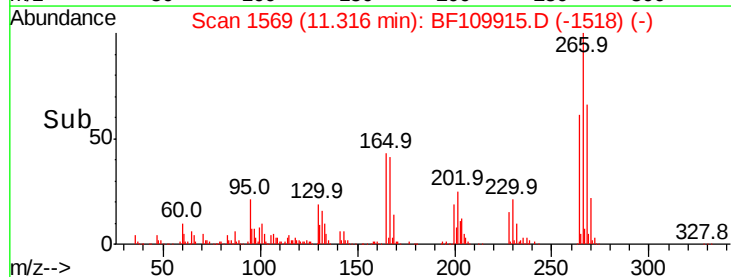
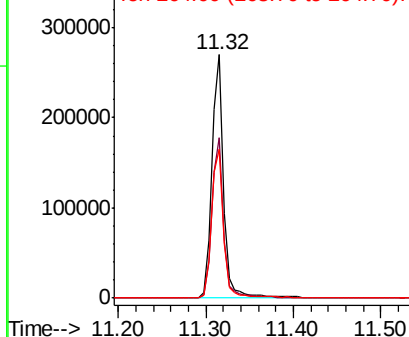


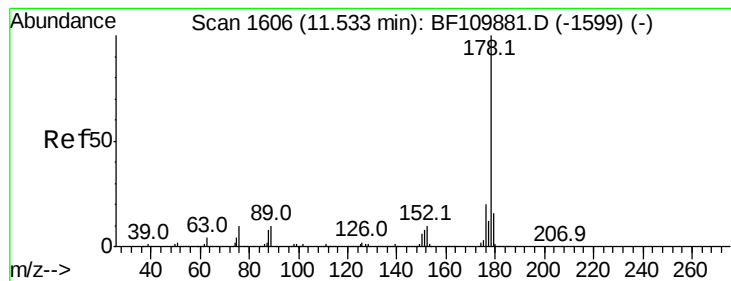
#70
Pentachlorophenol
Concen: 41.745 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	50.6	75.8
264	61.4	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: 37.686 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

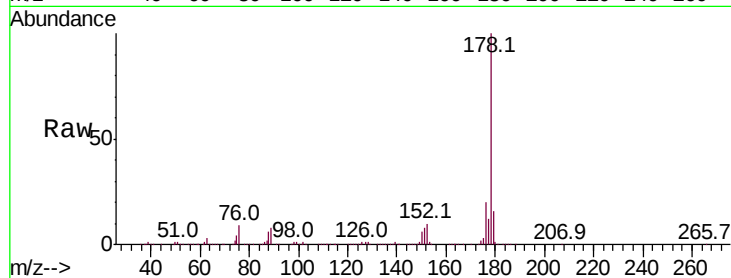
Tot Ion:178 Resp: 1792912

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

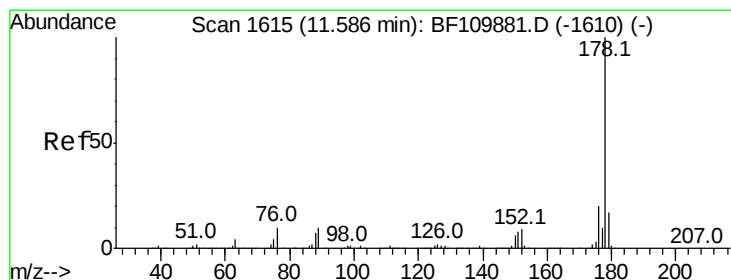
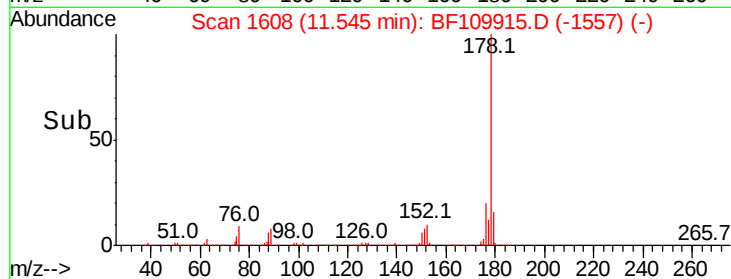
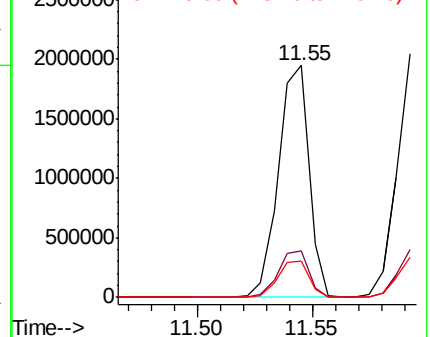
179 15.6 12.5 18.7



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: 37.998 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

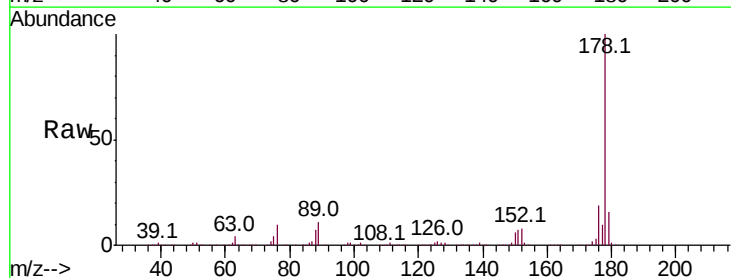
Tgt Ion:178 Resp: 1817482

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

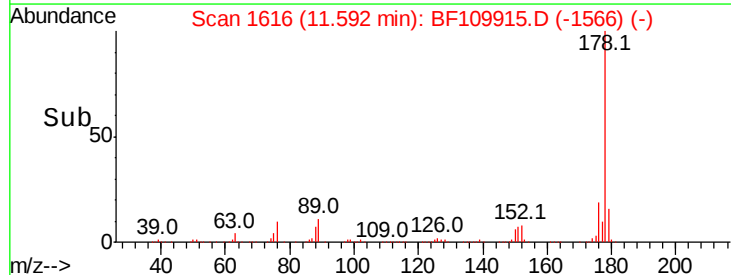
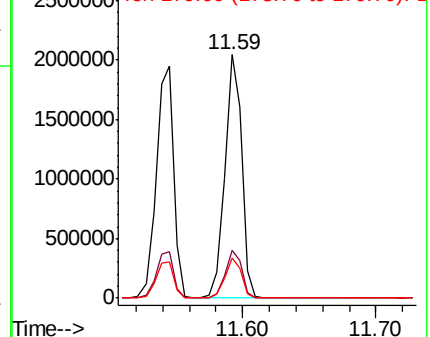
179 16.3 12.6 18.8

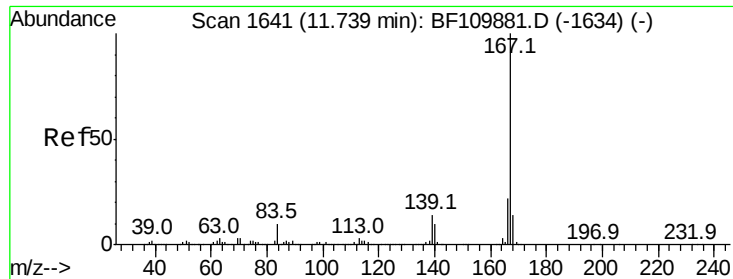


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

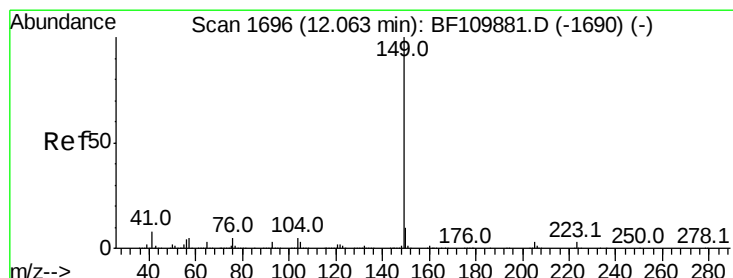
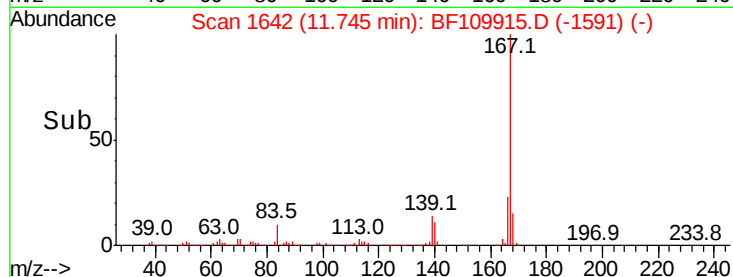
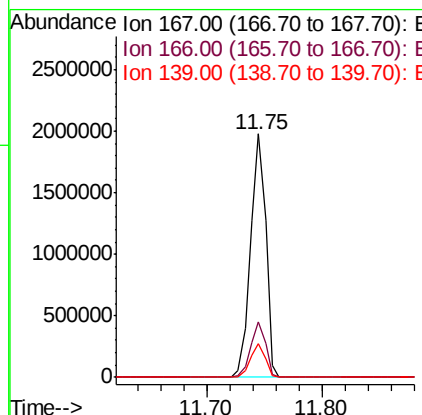
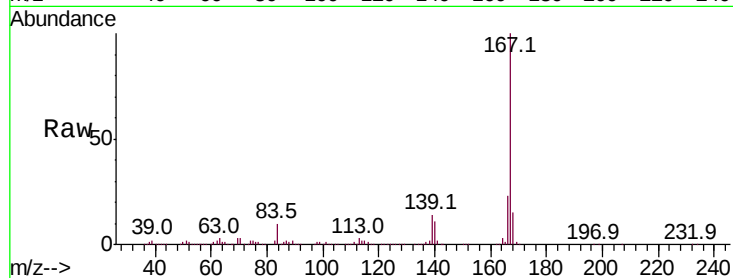




#73
 Carbazole
 Concen: 38.326 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

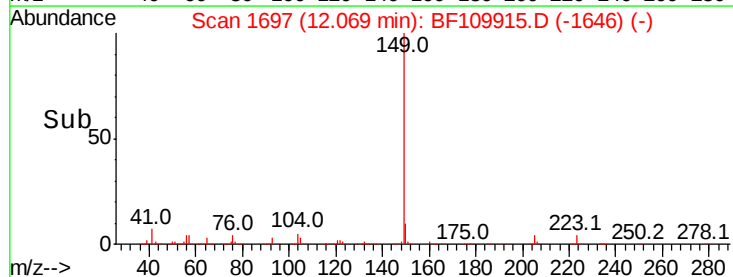
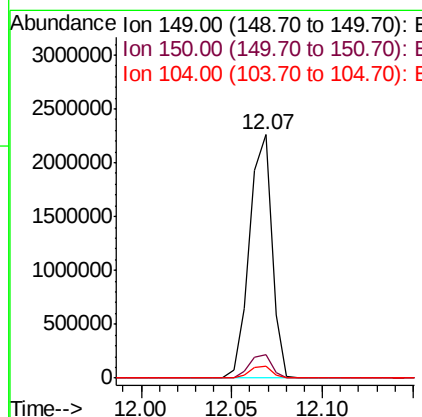
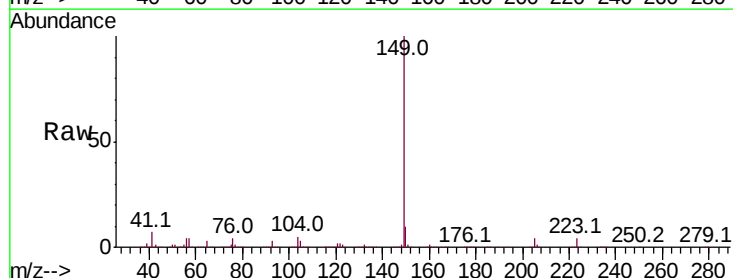
Instrument :
 BNA_F
 ClientSampleId :

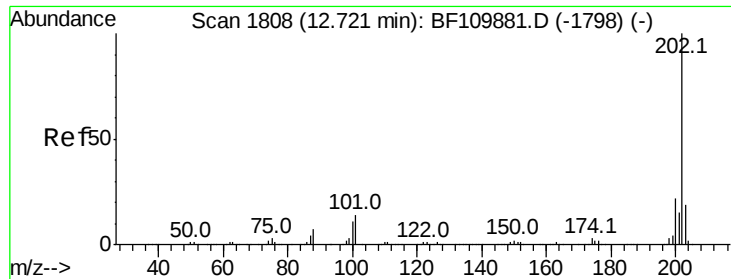
Tot Ion:167 Resp: 1801597
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 14.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.236 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BF109915.D
 Acq: 17 Oct 2018 11:02

Tgt Ion:149 Resp: 1953433
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 38.757 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

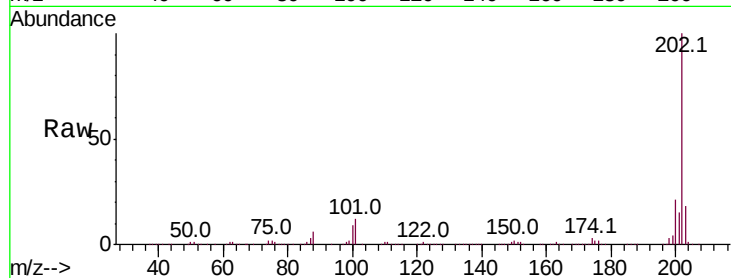
Tot Ion:202 Resp: 1842014

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

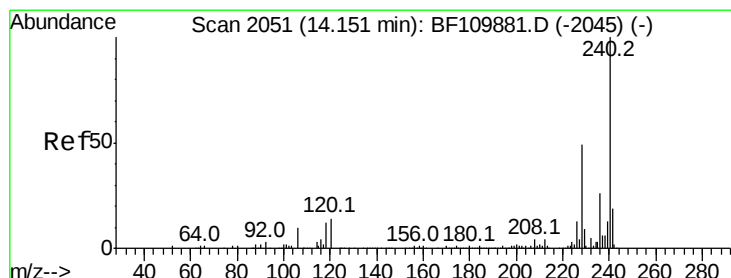
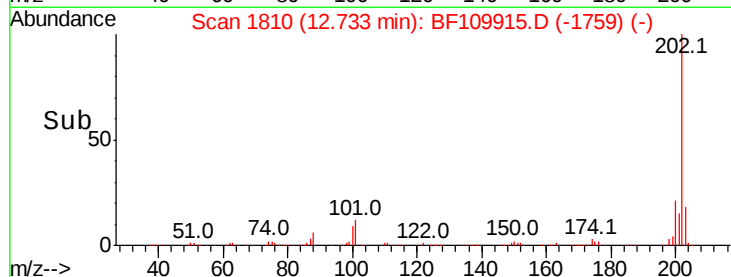
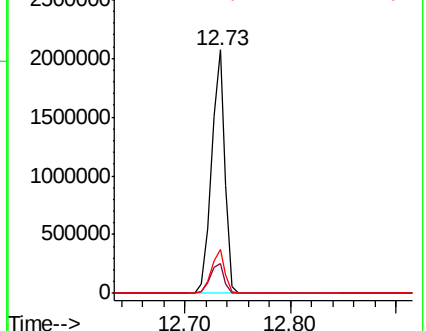
203 18.1 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

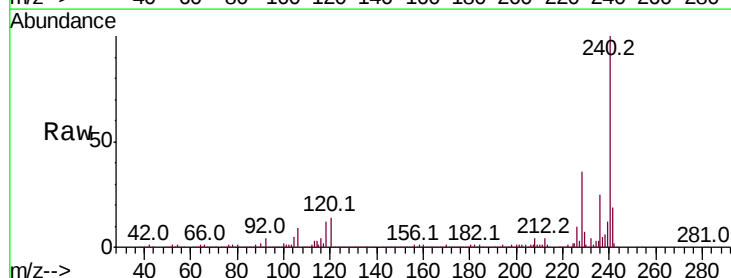
Tgt Ion:240 Resp: 677781

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

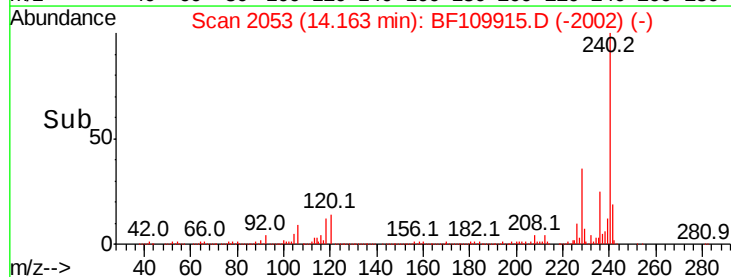
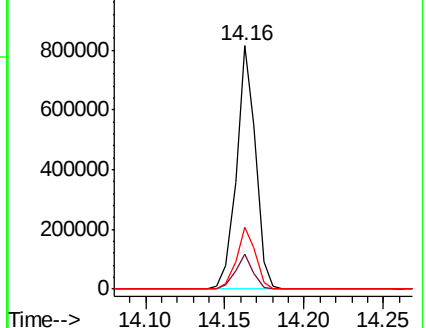
236 25.3 21.2 31.8

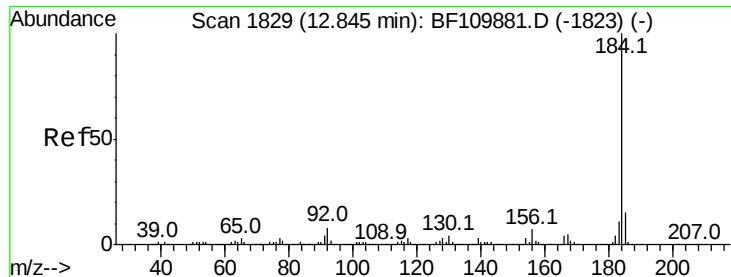


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.074 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

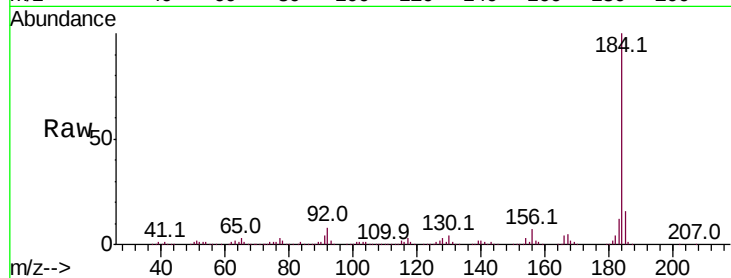
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 911457

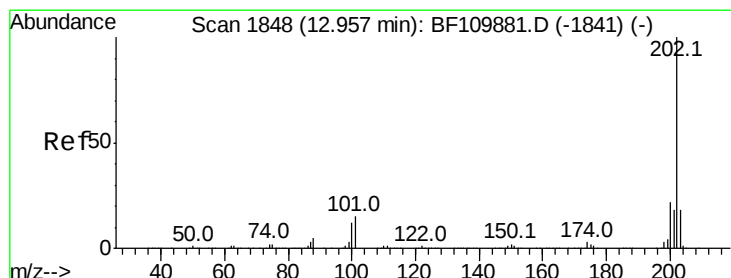
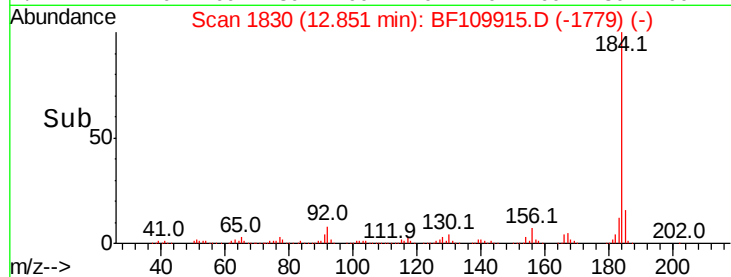
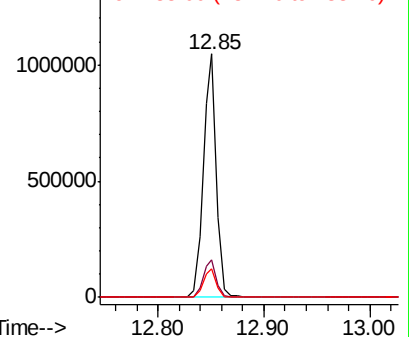
Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.2
183	11.7	9.4	14.2



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: 37.889 ng

RT: 12.96 min Scan# 1849

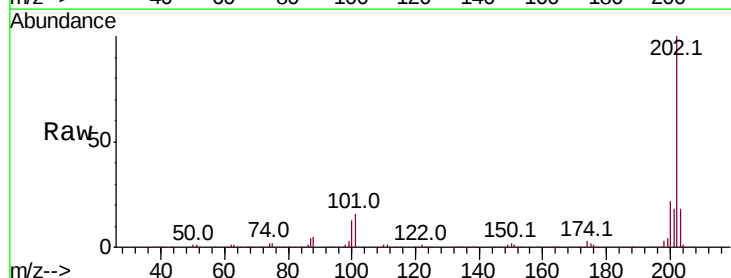
Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:202 Resp: 1886139

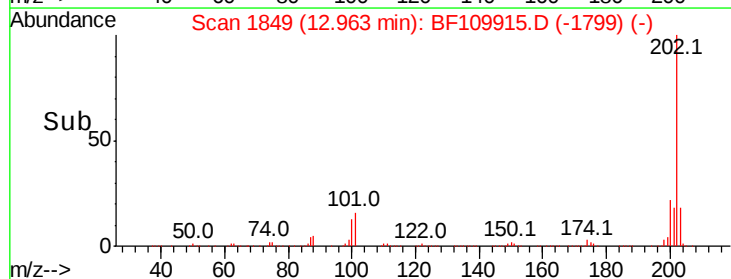
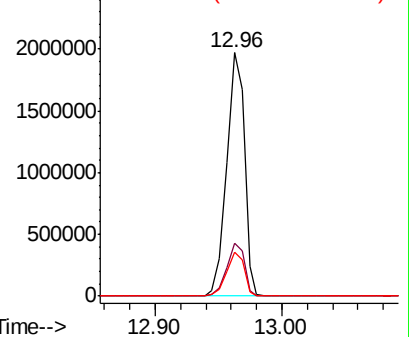
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	18.2	14.2	21.4

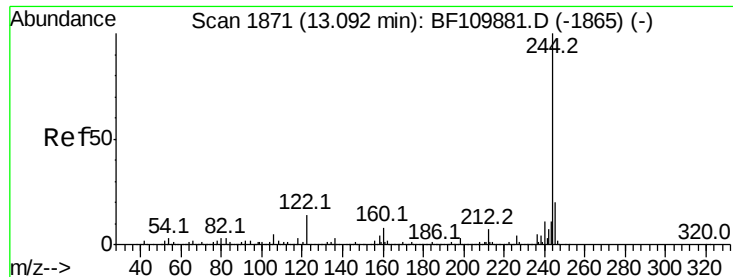


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.839 ng

RT: 13.10 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampled :

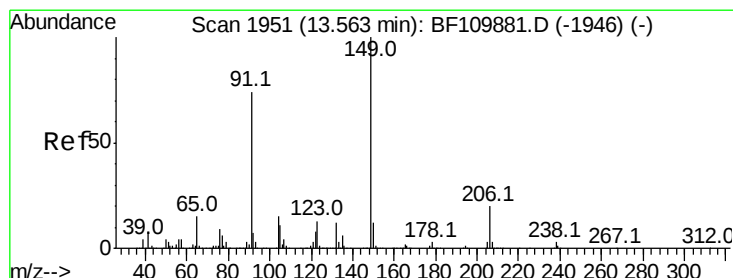
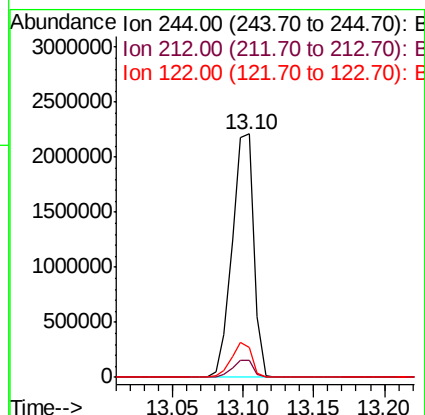
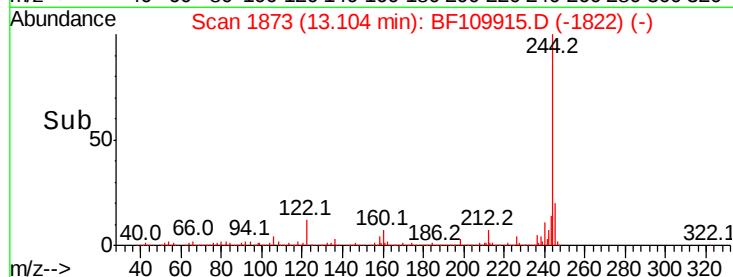
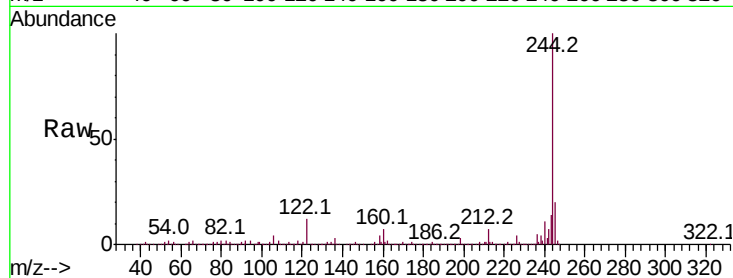
Tot Ion:244 Resp: 2350996

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.0 8.7 13.1



#80

Butylbenzylphthalate

Concen: 40.477 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

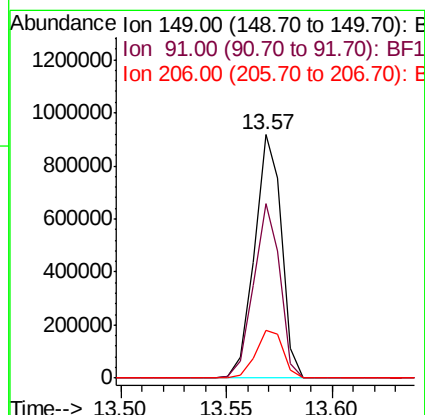
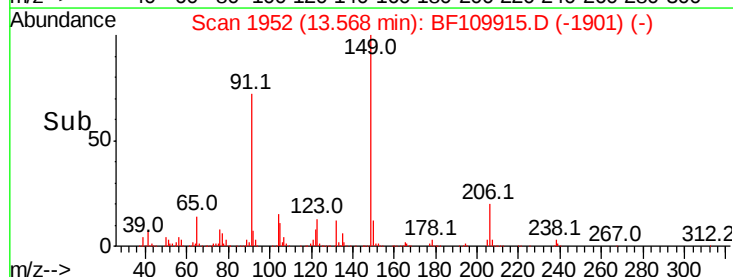
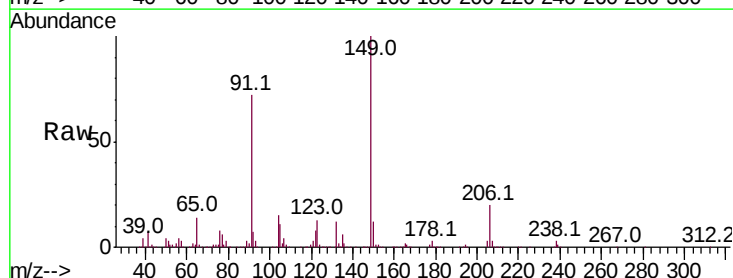
Tgt Ion:149 Resp: 814638

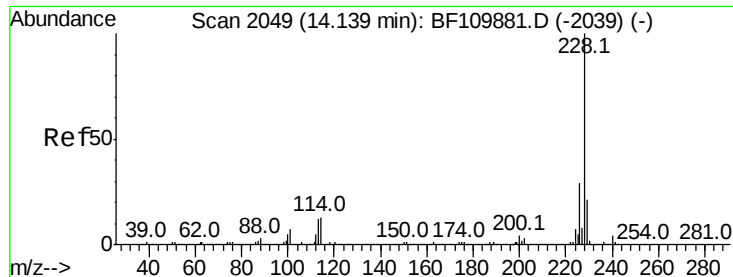
Ion Ratio Lower Upper

149 100

91 71.6 57.2 85.8

206 19.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.268 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

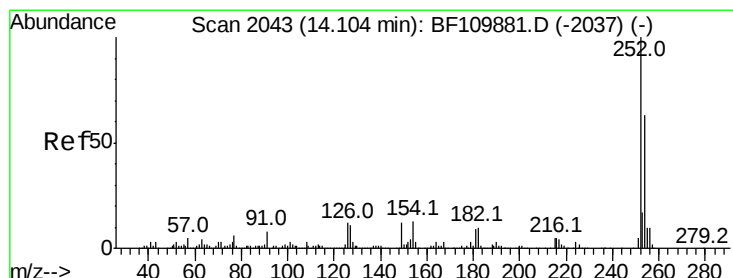
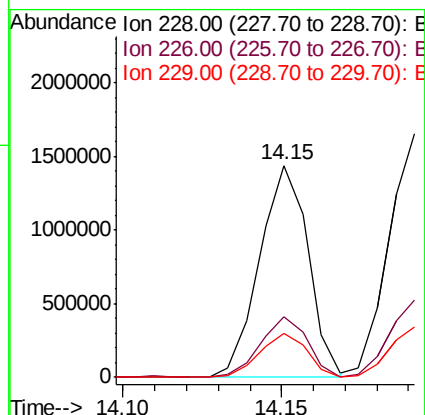
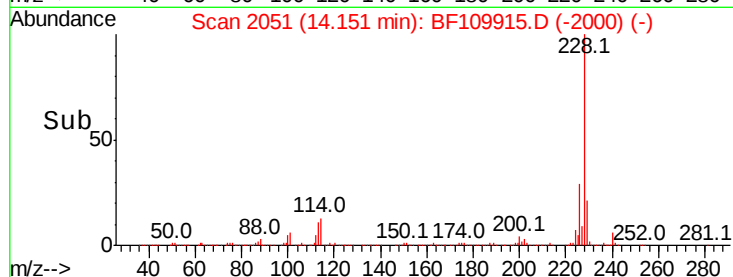
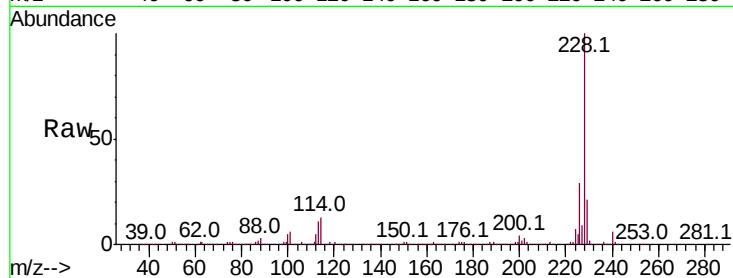
Tot Ion:228 Resp: 1527768

Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

229 20.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.736 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

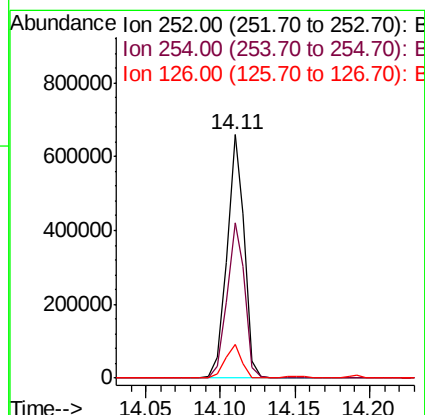
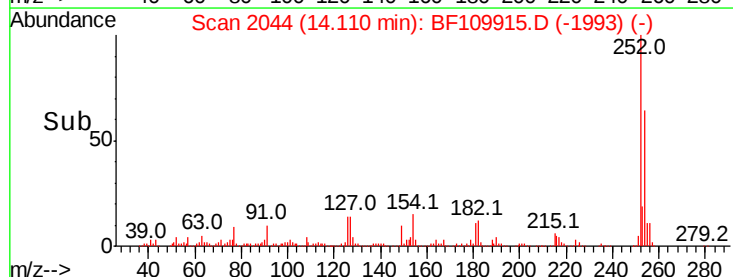
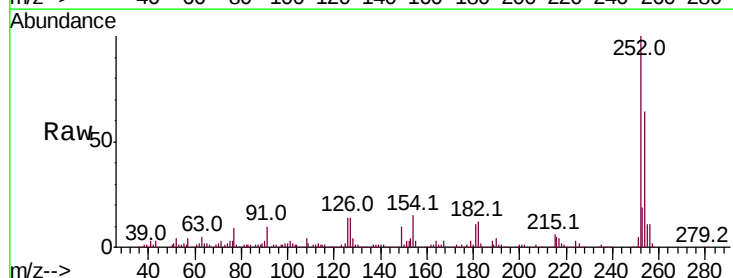
Tgt Ion:252 Resp: 542150

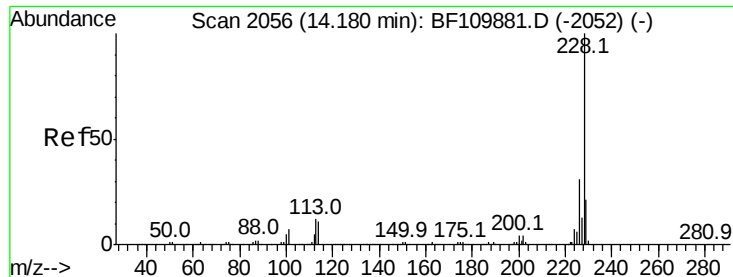
Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

126 14.0 9.4 14.2





#83

Chrysene

Concen: 37.401 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

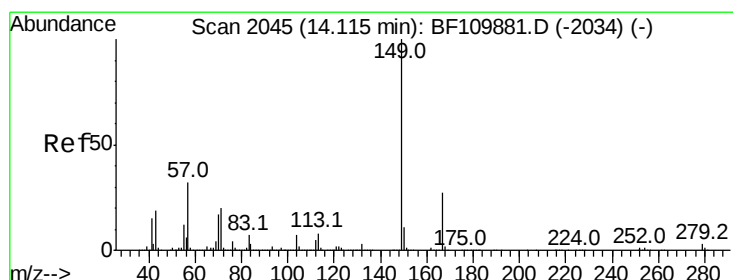
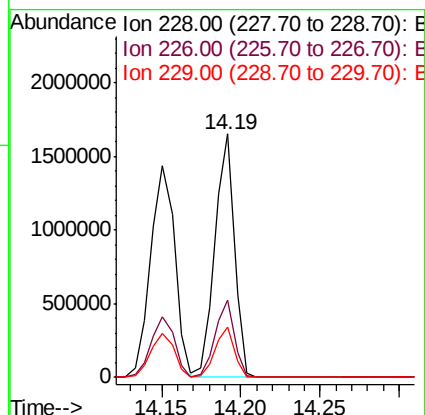
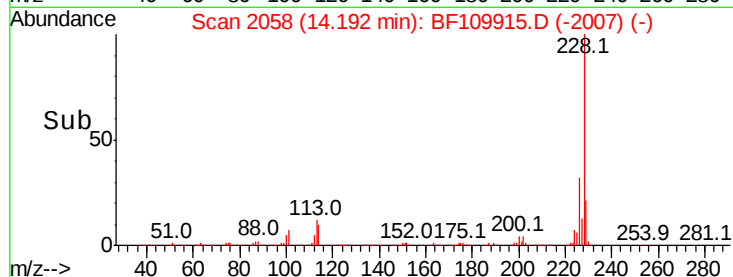
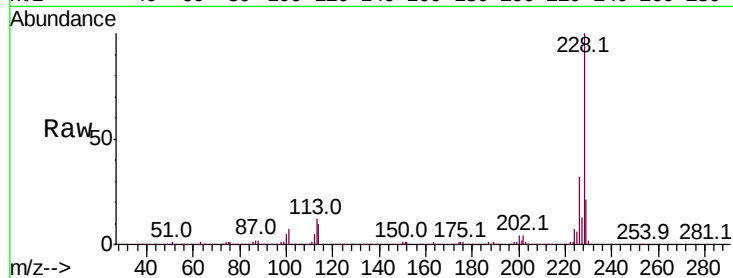
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1421243

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	20.7	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.941 ng

RT: 14.12 min Scan# 2046

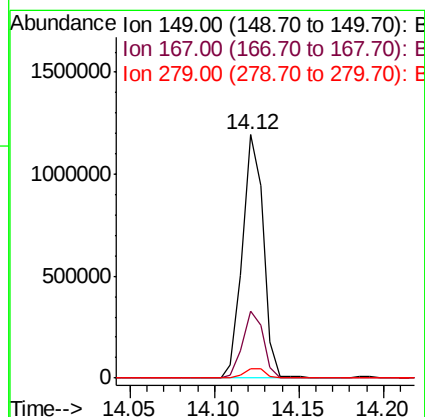
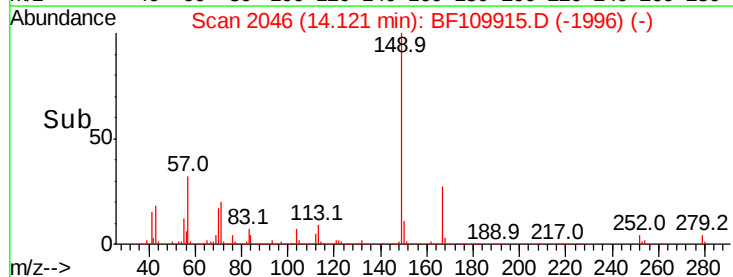
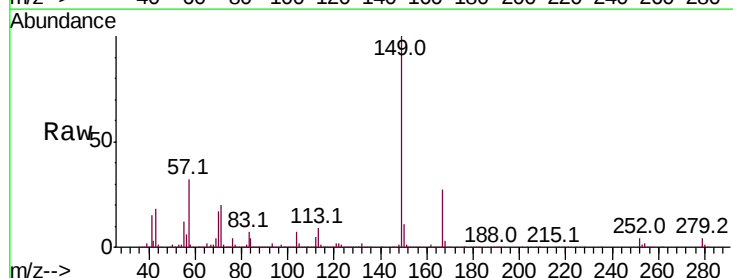
Delta R.T. -0.01 min

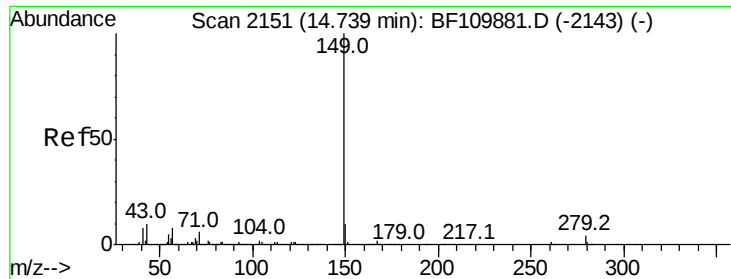
Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:149 Resp: 1031238

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 40.394 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

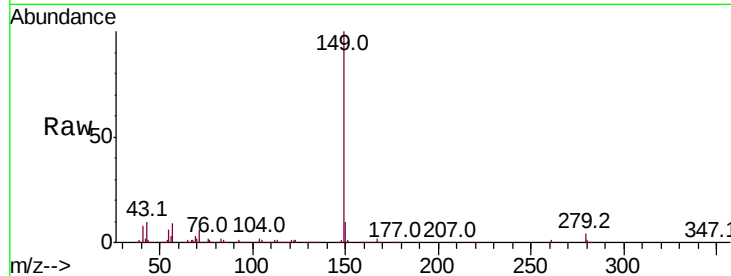
Tot Ion:149 Resp: 1508161

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

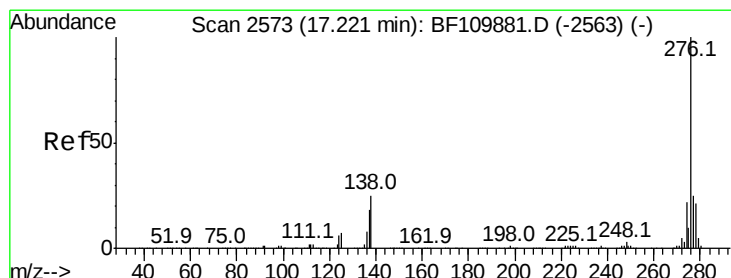
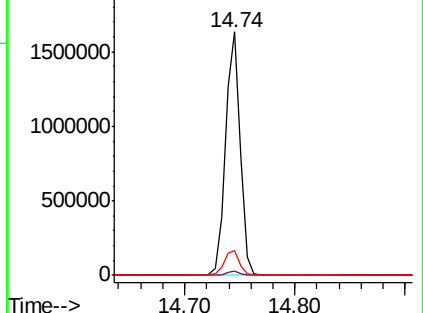
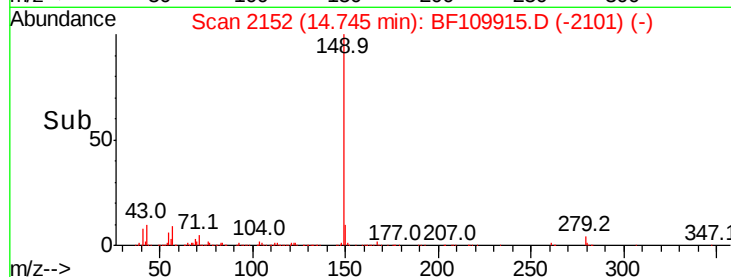
43 10.5 7.8 11.8



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: 35.601 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

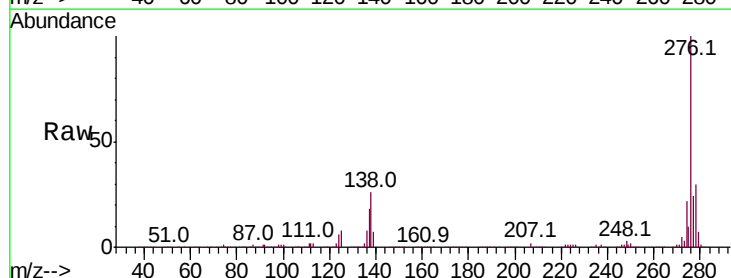
Tgt Ion:276 Resp: 1089250

Ion Ratio Lower Upper

276 100

138 29.7 18.5 27.7#

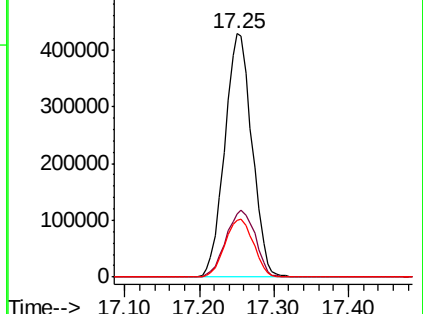
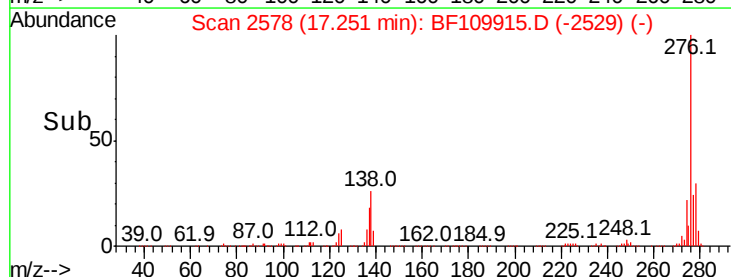
277 25.0 20.0 30.0

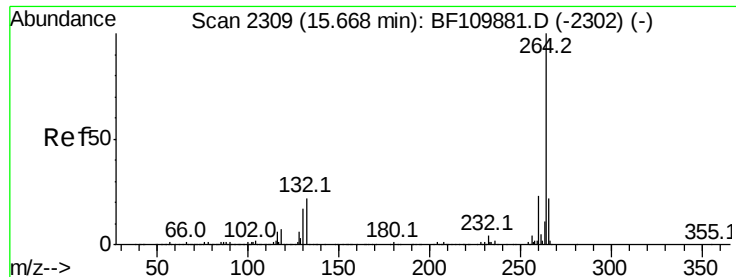


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Instrument :

BNA_F

ClientSampleId :

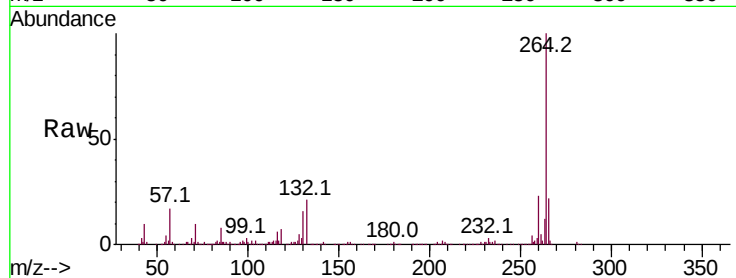
Tot Ion:264 Resp: 484294

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

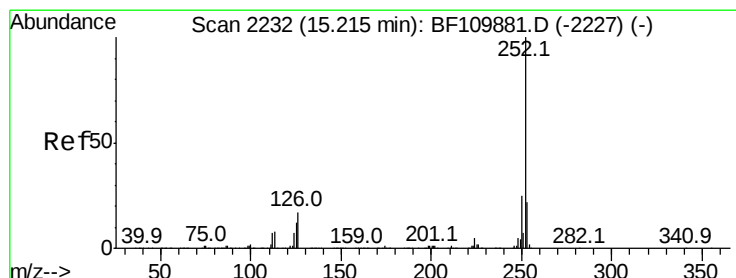
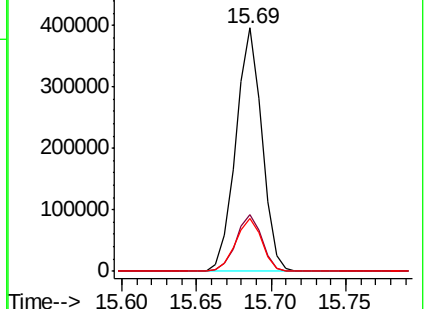
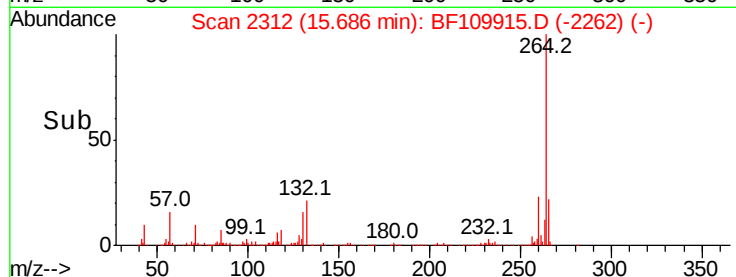
265 21.8 16.7 25.1



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: 40.009 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

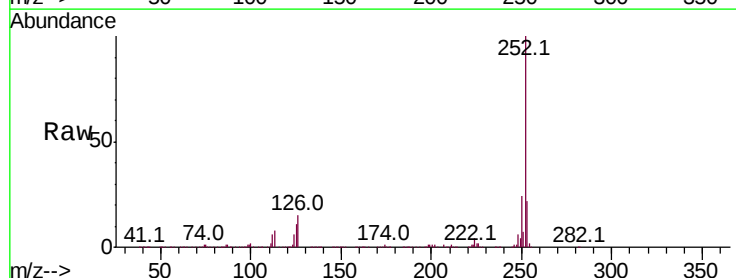
Tgt Ion:252 Resp: 1117065

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

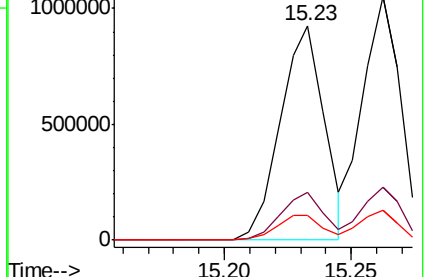
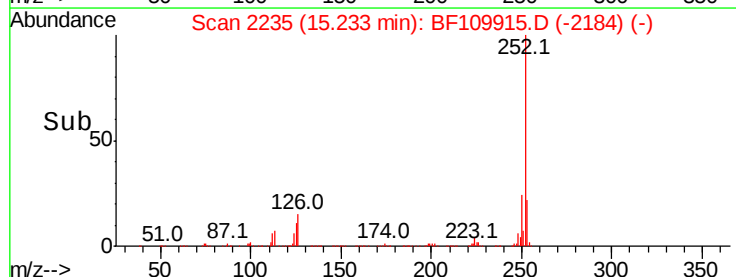
125 11.4 8.2 12.4

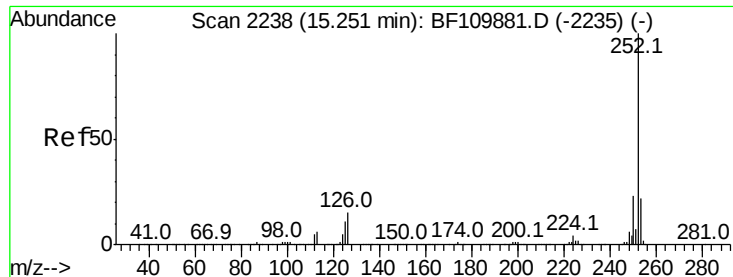


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

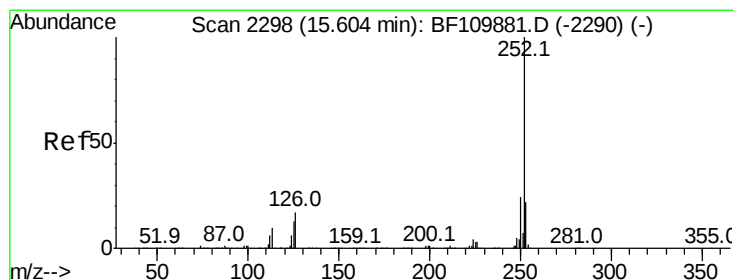
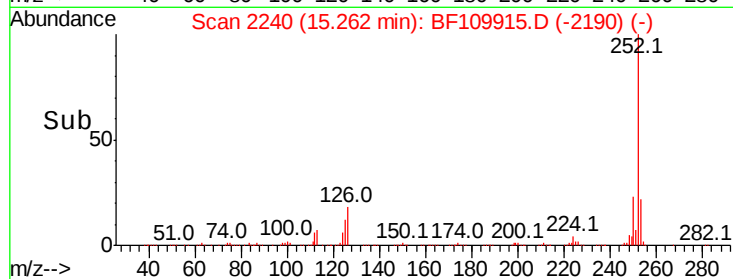
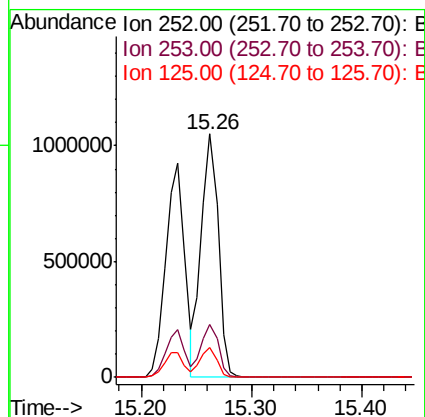
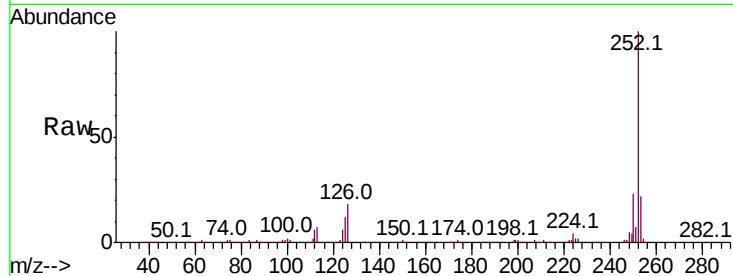




#89
Benzo(k)fluoranthene
Concen: 40.114 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

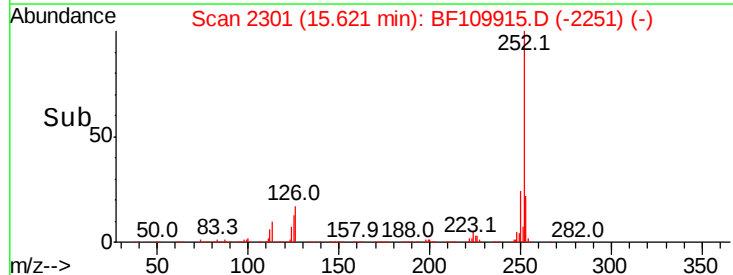
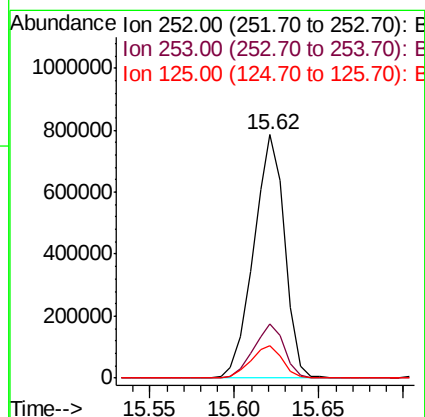
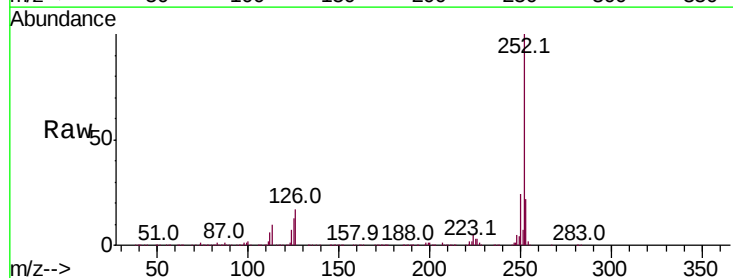
Instrument :
BNA_F
ClientSampled :

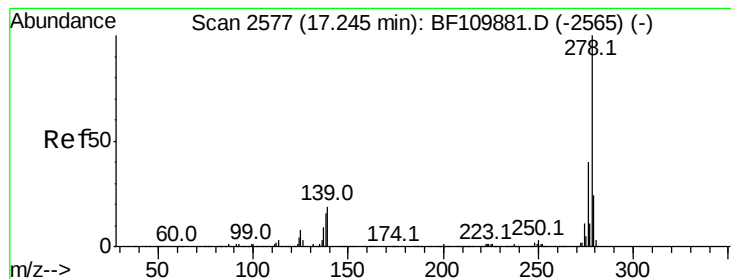
Tot Ion:252 Resp: 1103946
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.3 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 38.973 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109915.D
Acq: 17 Oct 2018 11:02

Tgt Ion:252 Resp: 1000795
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 13.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.826 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

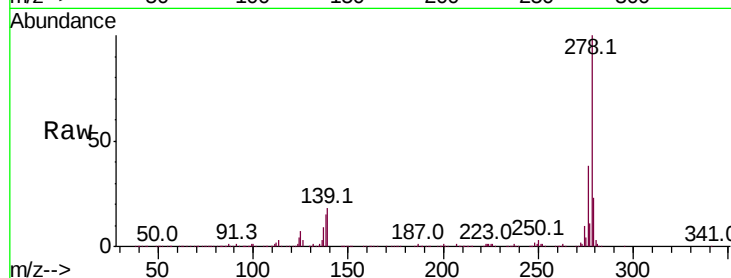
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 906326

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	22.9	19.0	28.4

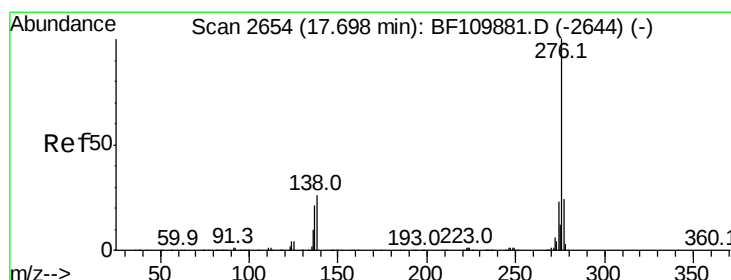
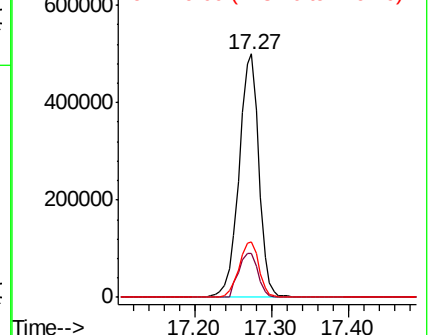
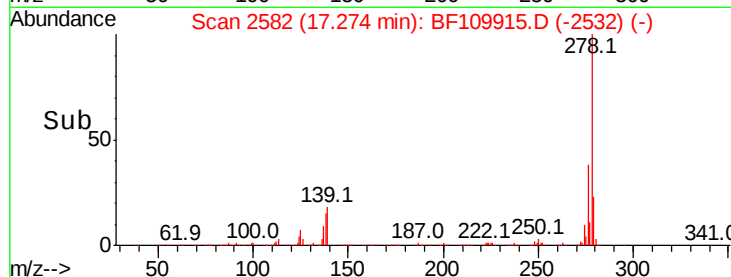


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.056 ng

RT: 17.73 min Scan# 2660

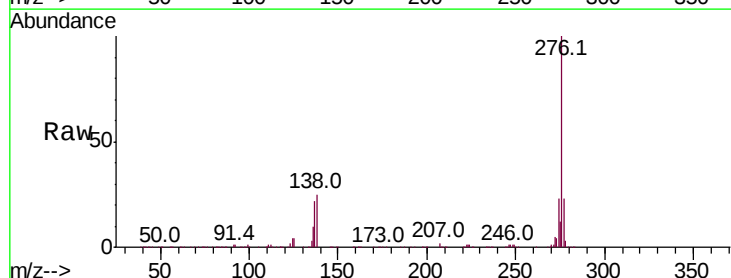
Delta R.T. -0.01 min

Lab File: BF109915.D

Acq: 17 Oct 2018 11:02

Tgt Ion:276 Resp: 921014

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	25.2	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

