

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109924.D
 Acq On : 17 Oct 2018 17:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:38:45 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	6.97	152	266634	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1079001	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	497179	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	901734	20.00	ng	0.00
76) Chrysene-d12	14.16	240	600876	20.00	ng	0.00
87) Perylene-d12	15.70	264	462925	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1270303	75.52	ng	0.00
7) Phenol-d6	6.59	99	1600605	76.63	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1304970	81.47	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	358126	83.20	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2379480	76.37	ng	0.00
79) Terphenyl-d14	13.10	244	2234729	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	351313	36.772	ng	92
3) Pyridine	3.62	79	811432	38.096	ng	89
4) n-Nitrosodimethylamine	3.58	42	323144	37.191	ng	# 99
6) Aniline	6.64	93	1075407	38.205	ng	# 54
8) 2-Chlorophenol	6.76	128	734154	38.964	ng	99
9) Benzaldehyde	6.53	77	513671	37.844	ng	93
10) Phenol	6.61	94	865204	38.366	ng	# 61
11) bis(2-Chloroethyl)ether	6.71	93	716123	37.979	ng	94
12) 1,3-Dichlorobenzene	6.92	146	795643	38.510	ng	100
13) 1,4-Dichlorobenzene	6.99	146	801443	38.517	ng	98
14) 1,2-Dichlorobenzene	7.15	146	744212	38.841	ng	98
15) Benzyl Alcohol	7.12	79	626818	39.007	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1163494	37.595	ng	67
17) 2-Methylphenol	7.22	107	581676	38.284	ng	# 81
18) Hexachloroethane	7.49	117	289480	39.368	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	494876	36.900	ng	96
20) 3+4-Methylphenols	7.37	107	732161	37.974	ng	95
22) Acetophenone	7.39	105	955588	38.189	ng	98
24) Nitrobenzene	7.56	77	705481	40.544	ng	94
25) Isophorone	7.80	82	1191292	37.852	ng	96
26) 2-Nitrophenol	7.87	139	307415	42.610	ng	93
27) 2,4-Dimethylphenol	7.90	122	593619	39.158	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	828215	38.344	ng	99
29) 2,4-Dichlorophenol	8.11	162	588015	39.985	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	654540	39.751	ng	96
31) Naphthalene	8.29	128	1892156	38.242	ng	99
32) Benzoic acid	8.00	122	228645	24.207	ng	93
33) 4-Chloroaniline	8.33	127	865316	38.905	ng	99
34) Hexachlorobutadiene	8.40	225	359393	39.581	ng	100
35) Caprolactam	8.70	113	197265	37.770	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	616290	39.725	ng	90
37) 2-Methylnaphthalene	8.97	142	1234112	38.519	ng	99
38) 1-Methylnaphthalene	9.07	142	1201897	38.713	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	605417	39.534	ng	99

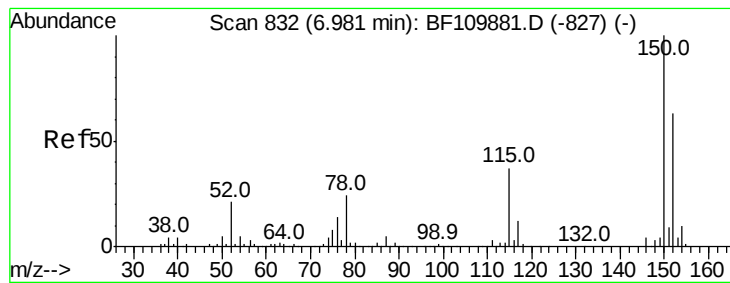
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109924.D
 Acq On : 17 Oct 2018 17:09
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 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:38:45 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)
41) Hexachlorocyclopentadiene	9.13	237	314144	42.502	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	393773	41.123	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	409288	41.184	ng	95
46) 1,1'-Biphenyl	9.44	154	1723849	38.916	ng	98
47) 2-Chloronaphthalene	9.47	162	1261199	38.653	ng	99
48) 2-Nitroaniline	9.56	65	350852	41.900	ng	98
49) Acenaphthylene	9.89	152	1818851	38.372	ng	97
50) Dimethylphthalate	9.74	163	1344948	38.204	ng	100
51) 2,6-Dinitrotoluene	9.80	165	275410	41.188	ng	96
52) Acenaphthene	10.06	154	1160499	38.455	ng	98
53) 3-Nitroaniline	9.97	138	328631	40.403	ng	# 91
54) 2,4-Dinitrophenol	10.07	184	56883	32.640	ng	# 84
55) Dibenzofuran	10.23	168	1657879	38.521	ng	97
56) 4-Nitrophenol	10.12	139	240655	38.776	ng	93
57) 2,4-Dinitrotoluene	10.20	165	325633	39.454	ng	92
58) Fluorene	10.57	166	1200302	38.312	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	327037	41.522	ng	96
60) Diethylphthalate	10.43	149	1329102	38.224	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	634872	38.902	ng	94
62) 4-Nitroaniline	10.59	138	327511	42.537	ng	94
63) Azobenzene	10.72	77	1347614	37.099	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	111622	36.447	ng	80
66) n-Nitrosodiphenylamine	10.68	169	1158693	38.580	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	389090	39.815	ng	93
68) Hexachlorobenzene	11.12	284	410062	39.349	ng	98
69) Atrazine	11.20	200	370142	39.455	ng	99
70) Pentachlorophenol	11.31	266	238244	40.172	ng	95
71) Phenanthrene	11.54	178	1782960	38.193	ng	98
72) Anthracene	11.59	178	1784942	38.031	ng	99
73) Carbazole	11.74	167	1730213	37.511	ng	100
74) Di-n-butylphthalate	12.06	149	1936447	37.617	ng	99
75) Fluoranthene	12.73	202	1742826	37.371	ng	97
77) Benzidine	12.85	184	901208	39.118	ng	98
78) Pyrene	12.96	202	1771116	40.132	ng	99
80) Butylbenzylphthalate	13.57	149	742952	41.640	ng	96
81) Benzo(a)anthracene	14.15	228	1374174	38.826	ng	99
82) 3,3'-Dichlorobenzidine	14.11	252	494567	39.858	ng	99
83) Chrysene	14.19	228	1295333	38.450	ng	100
84) Bis(2-ethylhexyl)phthalate	14.13	149	944174	40.216	ng	# 95
85) Di-n-octyl phthalate	14.76	149	1387383	41.916	ng	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	1131437	41.712	ng	# 94
88) Benzo(b)fluoranthene	15.24	252	1009363	37.820	ng	98
89) Benzo(k)fluoranthene	15.27	252	1037036	39.422	ng	# 96
90) Benzo(a)pyrene	15.63	252	948472	38.641	ng	# 97
91) Dibenzo(a,h)anthracene	17.29	278	943089	43.354	ng	99
92) Benzo(g,h,i)perylene	17.74	276	960628	43.707	ng	# 95

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

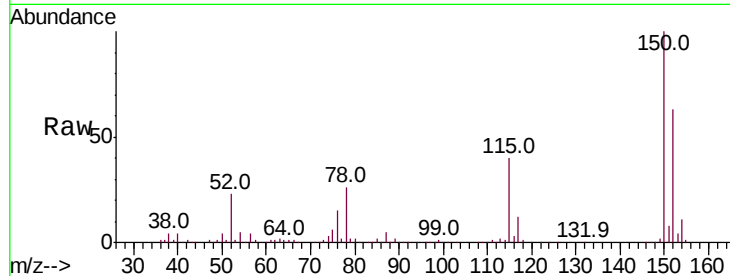


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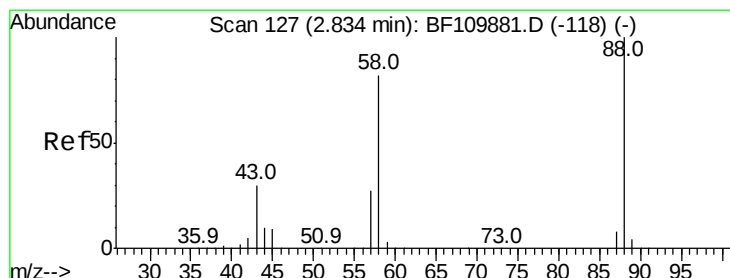
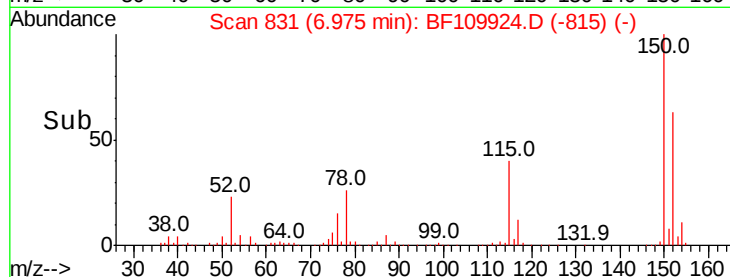
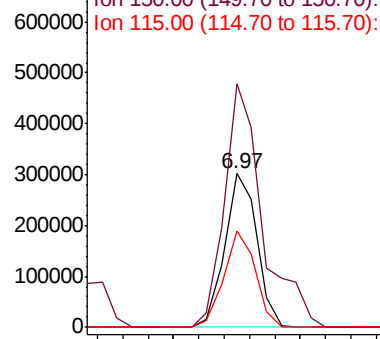
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 266634
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 62.7 49.1 73.7



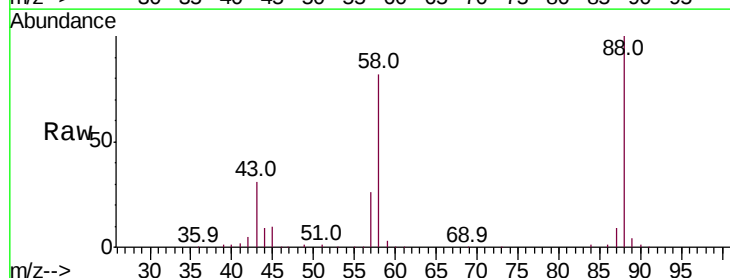
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



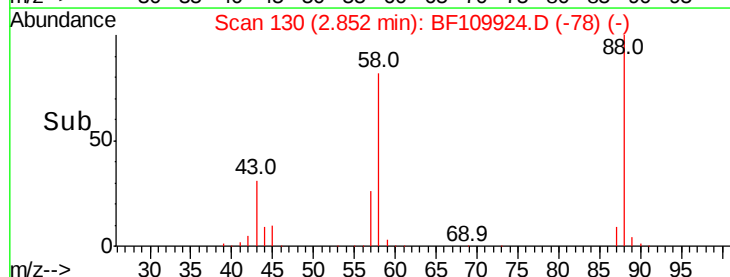
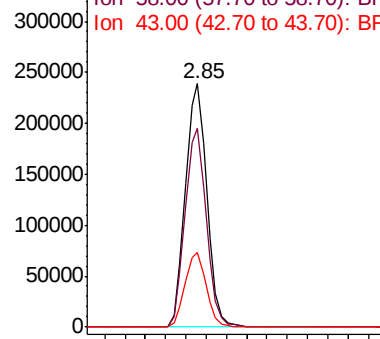
#2

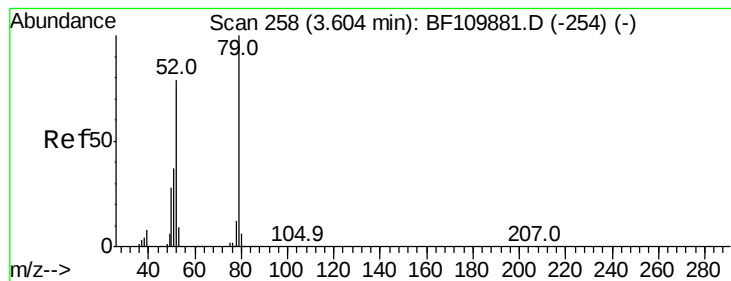
1,4-Dioxane
Concen: 36.772 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion: 88 Resp: 351313
Ion Ratio Lower Upper
88 100
58 80.9 57.1 85.7
43 30.4 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: 38.096 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

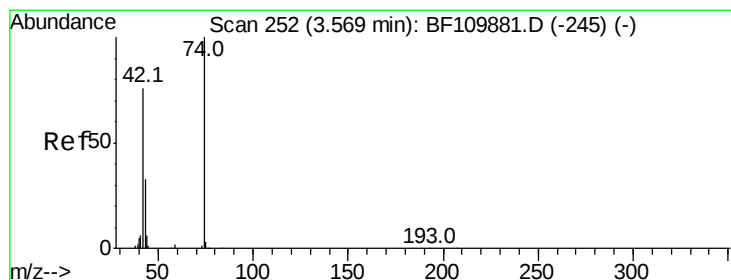
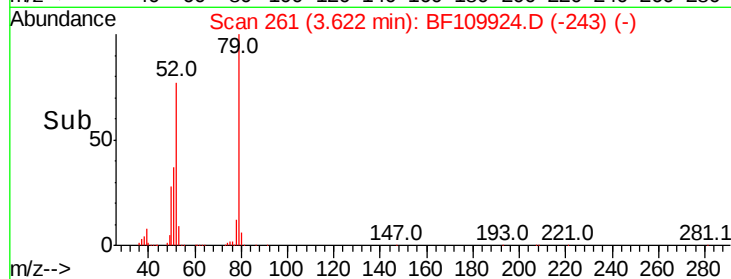
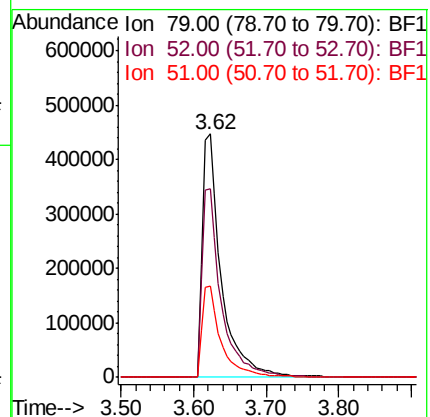
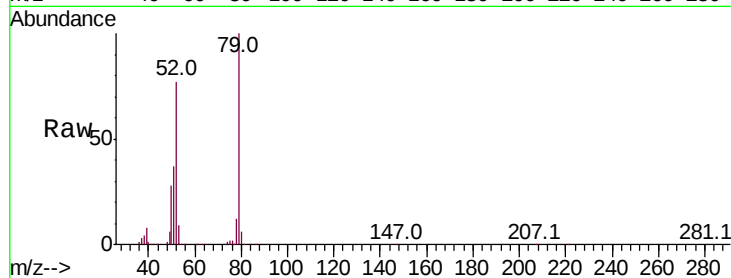
Tot Ion: 79 Resp: 811432

Ion Ratio Lower Upper

79 100

52 77.2 53.1 79.7

51 37.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.191 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

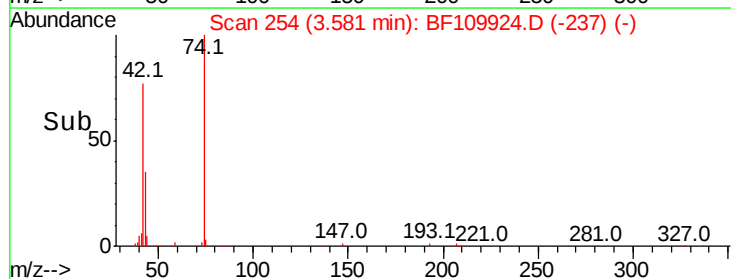
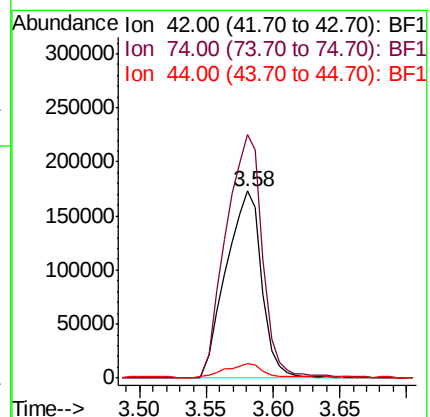
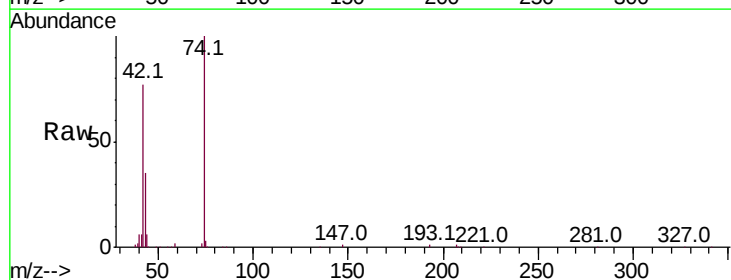
Tgt Ion: 42 Resp: 323144

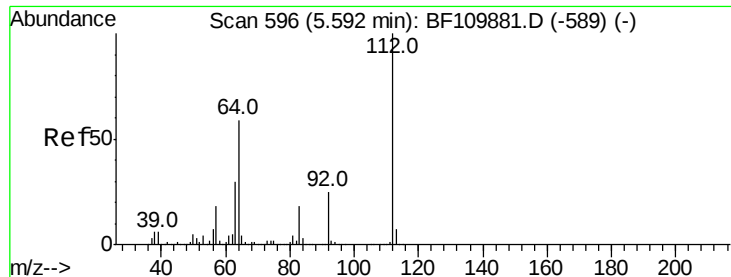
Ion Ratio Lower Upper

42 100

74 130.4 105.5 158.3

44 7.4 4.9 7.3#





#5

2-Fluorophenol

Concen: 75.519 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

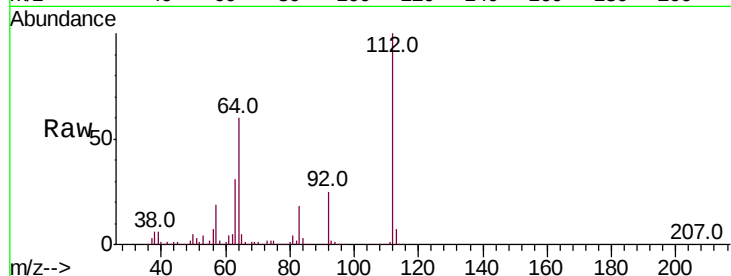
Tot Ion:112 Resp: 1270303

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

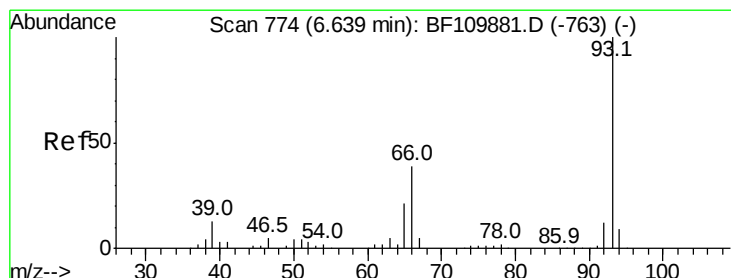
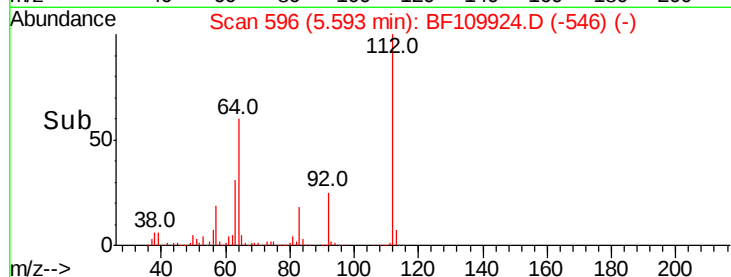
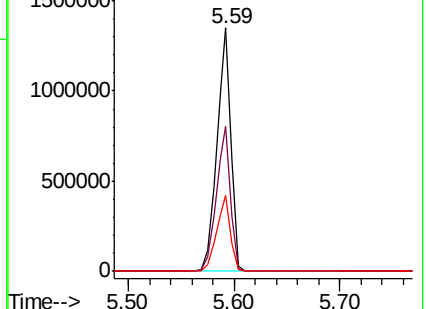
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.205 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

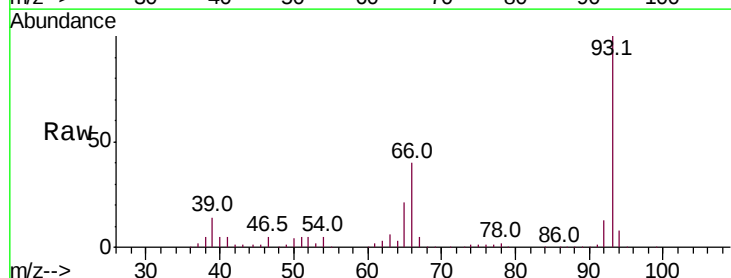
Tgt Ion: 93 Resp: 1075407

Ion Ratio Lower Upper

93 100

66 40.5 67.4 101.0#

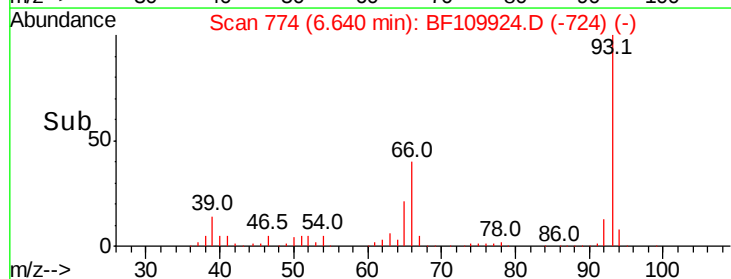
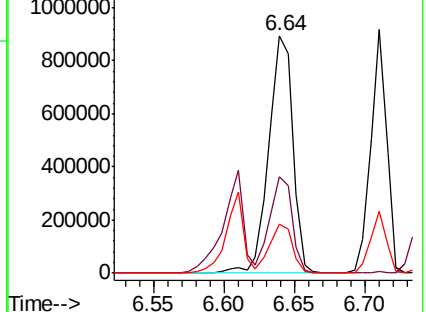
65 20.9 41.0 61.4#

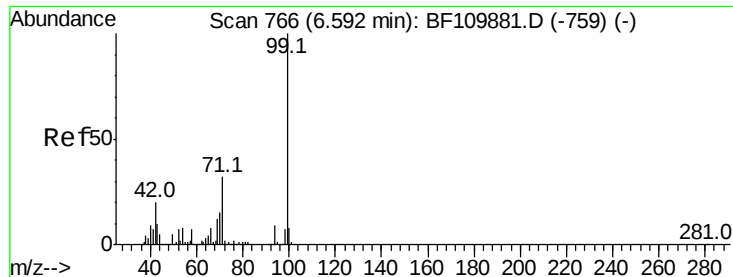


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.631 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

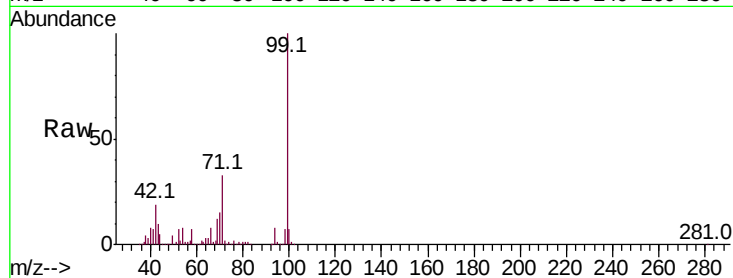
Tot Ion: 99 Resp: 1600605

Ion Ratio Lower Upper

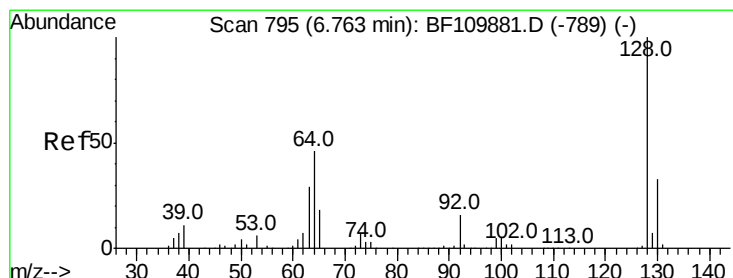
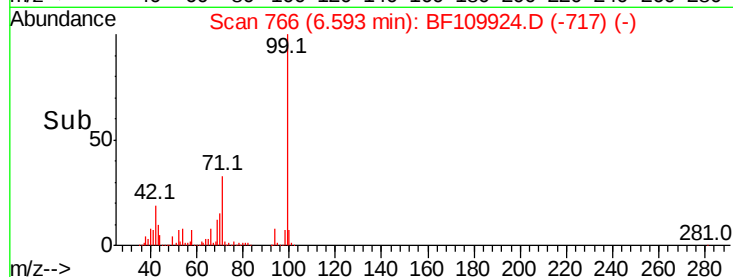
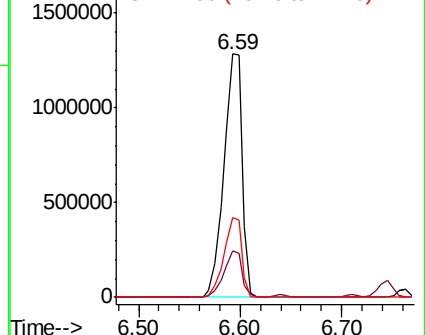
99 100

42 19.2 15.8 23.6

71 32.9 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: 38.964 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

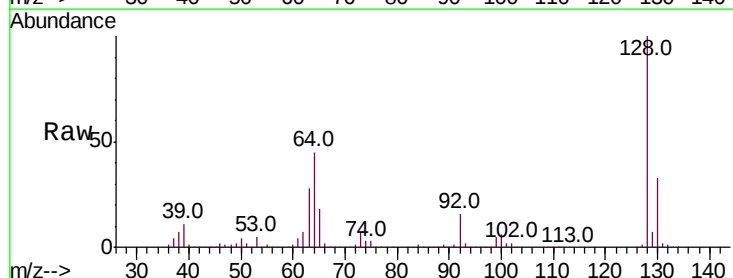
Tgt Ion: 128 Resp: 734154

Ion Ratio Lower Upper

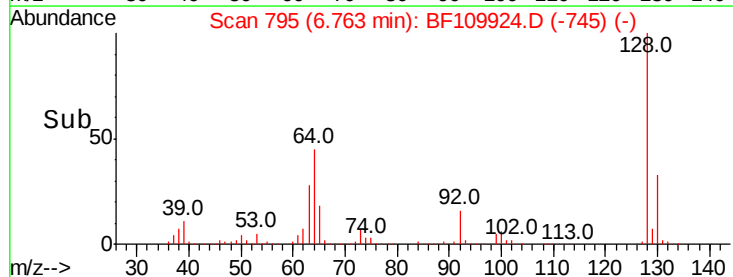
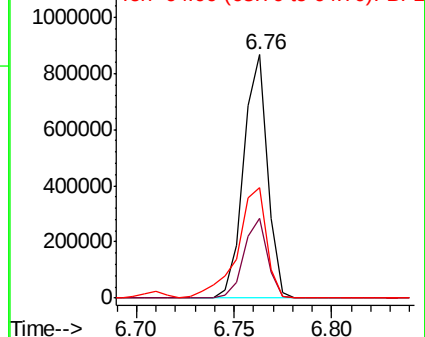
128 100

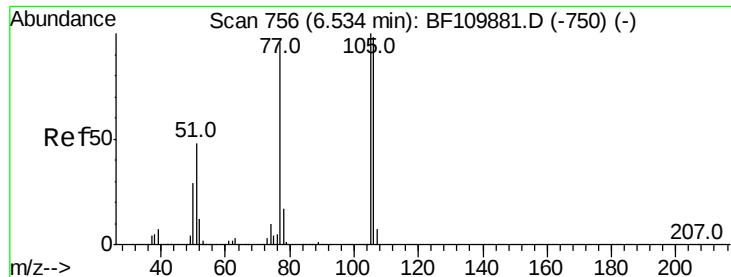
130 32.9 13.1 53.1

64 45.3 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: 37.844 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

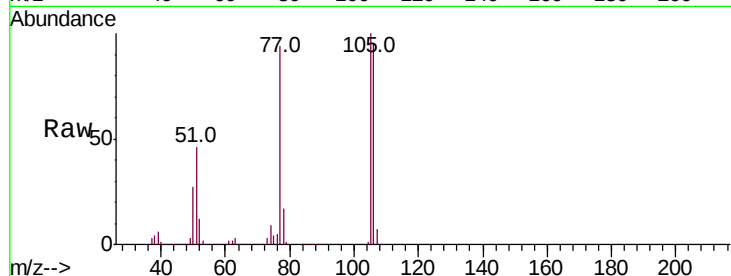
Tot Ion: 77 Resp: 513671

Ion Ratio Lower Upper

77 100

105 106.1 78.6 118.6

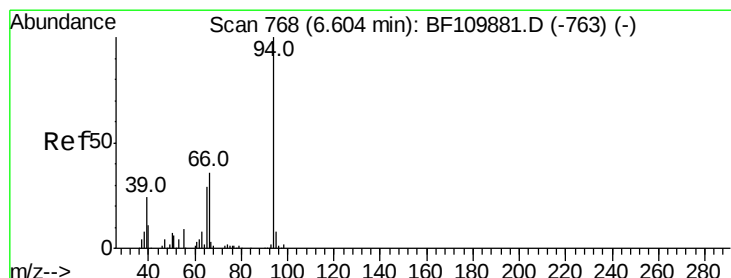
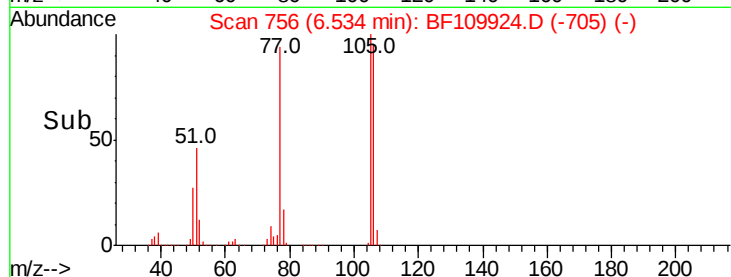
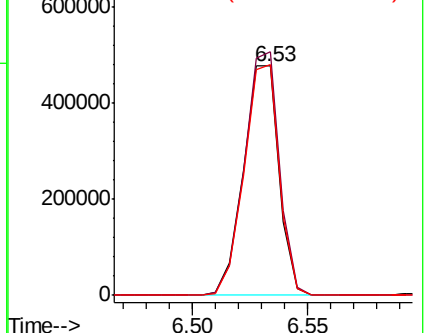
106 100.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.366 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

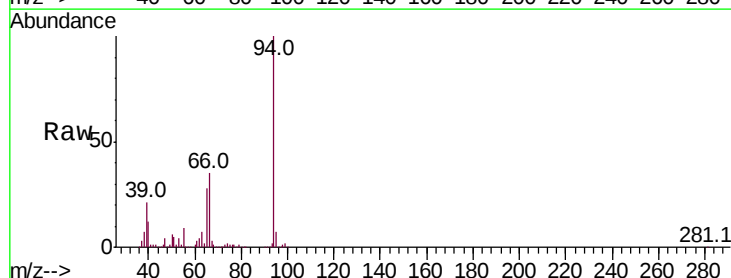
Tgt Ion: 94 Resp: 865204

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

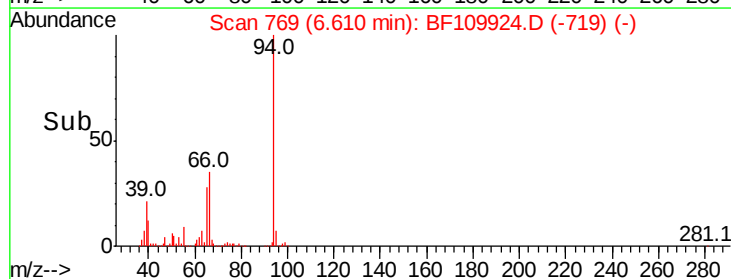
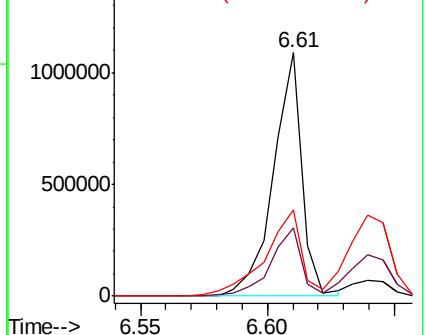
66 35.4 54.5 94.5#

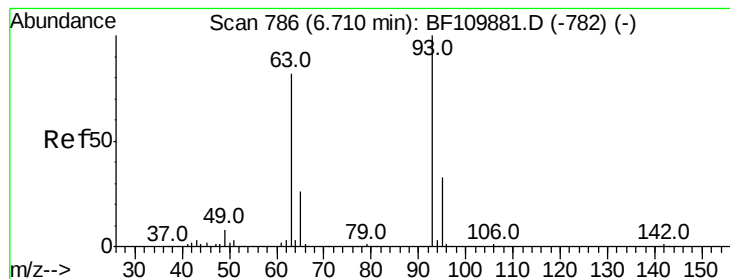


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.979 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

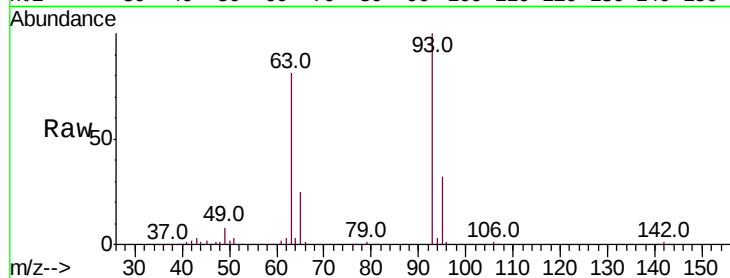
Tot Ion: 93 Resp: 716123

Ion Ratio Lower Upper

93 100

63 81.0 53.4 93.4

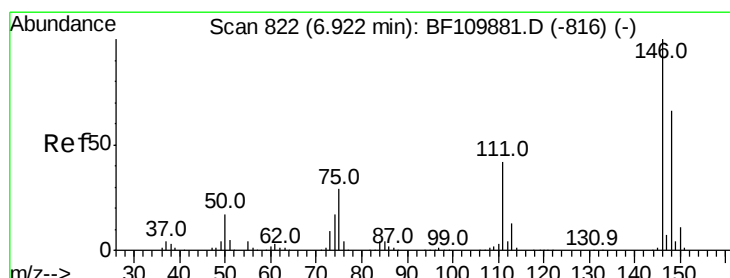
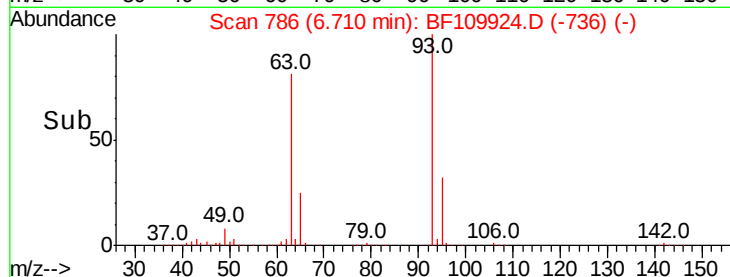
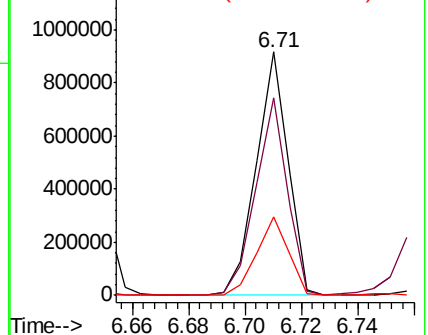
95 32.2 12.1 52.1



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: 38.510 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

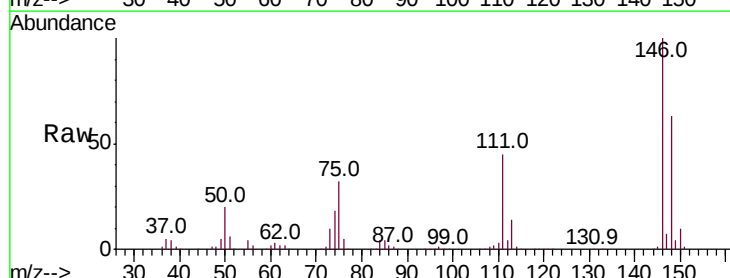
Tgt Ion: 146 Resp: 795643

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

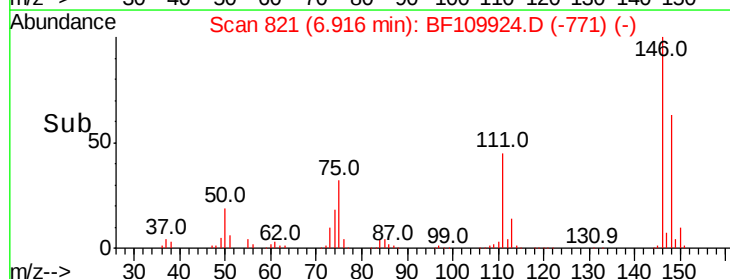
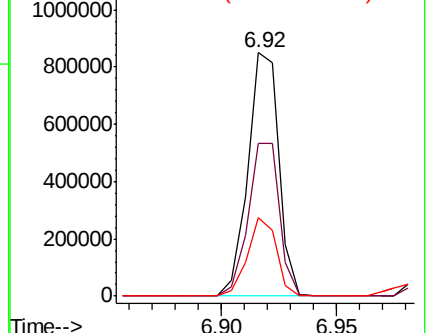
75 32.0 25.8 38.6

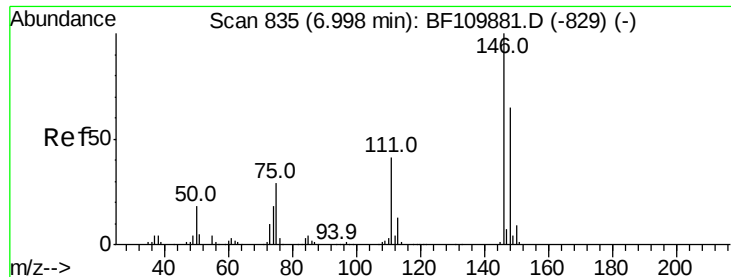


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.517 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampled :

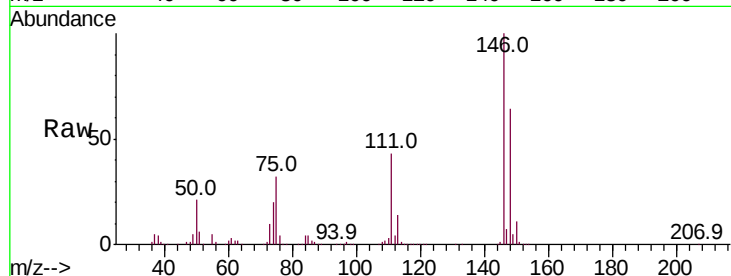
Tot Ion:146 Resp: 801443

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

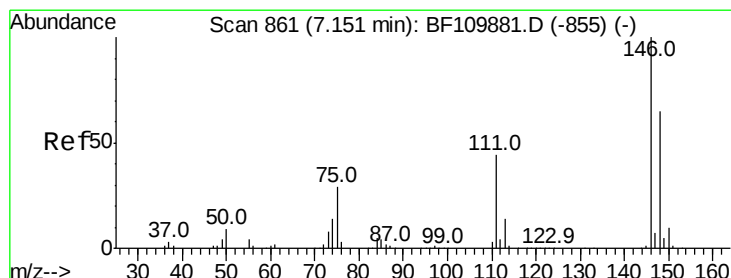
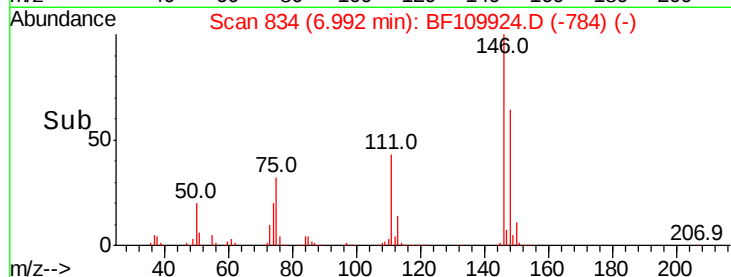
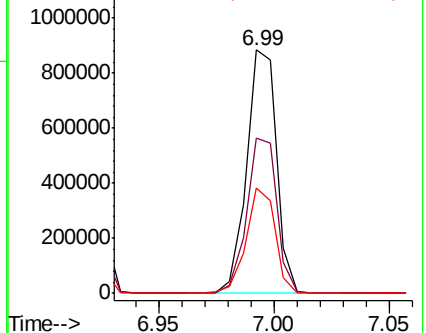
111 43.3 32.7 49.1



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: 38.841 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

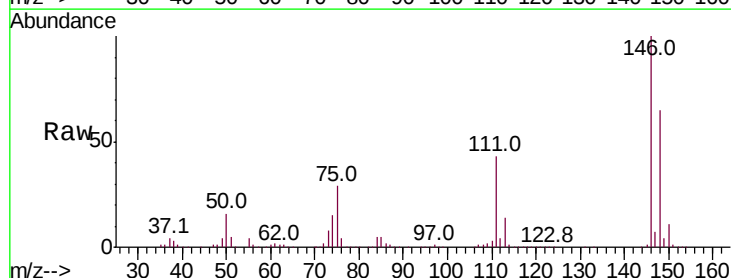
Tgt Ion:146 Resp: 744212

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

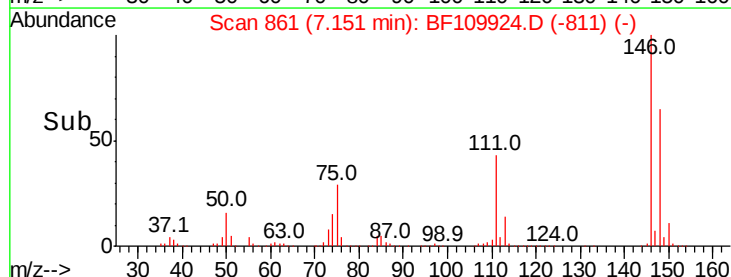
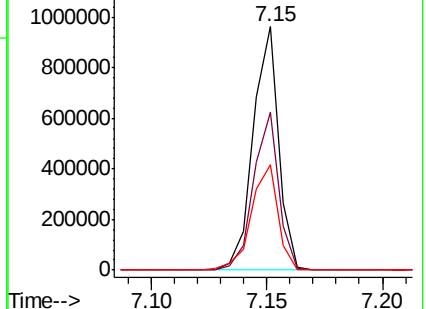
111 43.2 35.8 53.6

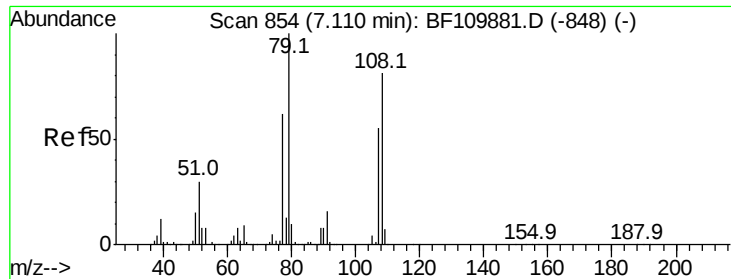


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.007 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

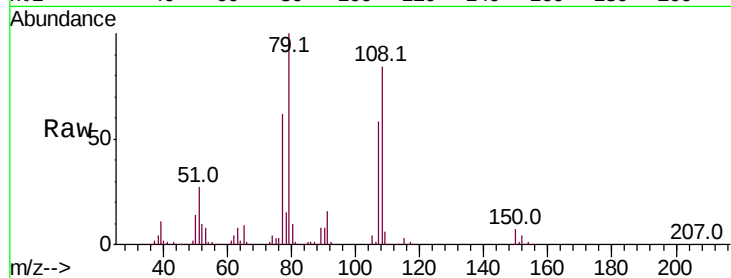
Tot Ion: 79 Resp: 626818

Ion Ratio Lower Upper

79 100

108 84.1 56.3 84.5

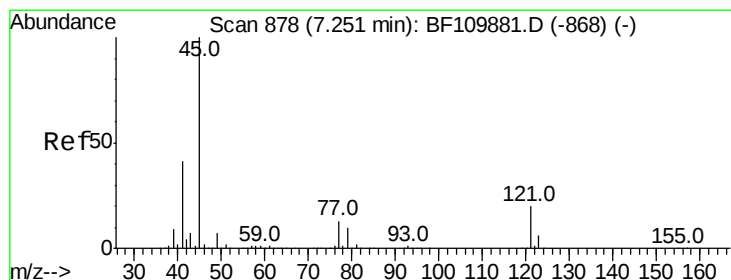
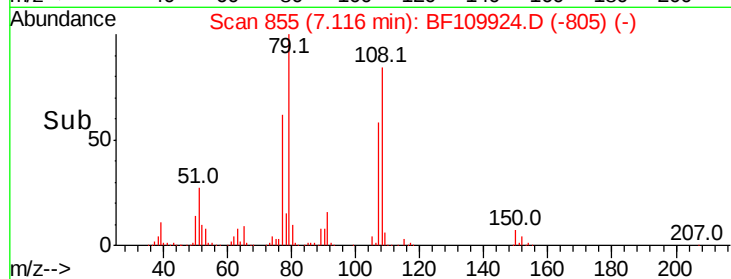
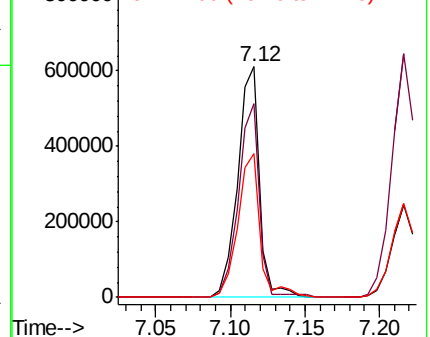
77 62.4 52.9 79.3



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: 37.595 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

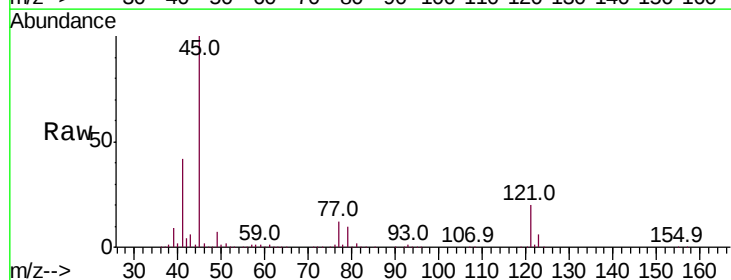
Tgt Ion: 45 Resp: 1163494

Ion Ratio Lower Upper

45 100

77 12.1 10.0 50.0

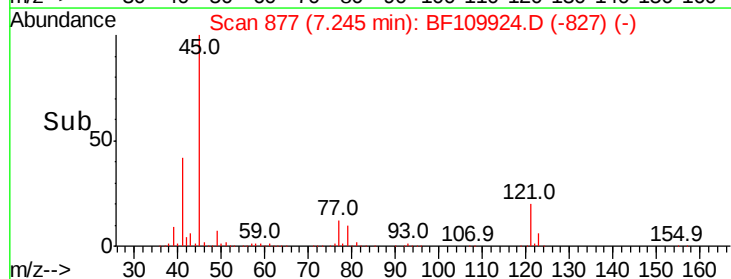
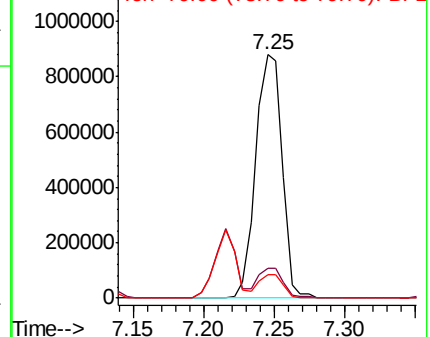
79 9.6 6.1 46.1

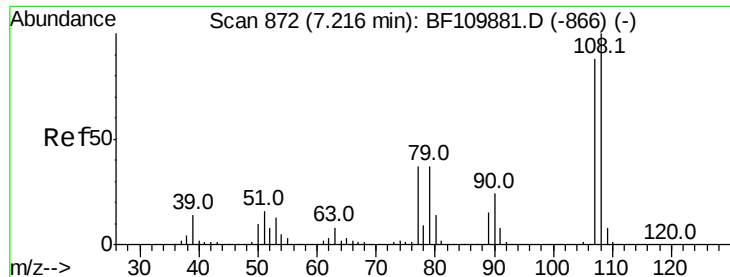


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.284 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 581676

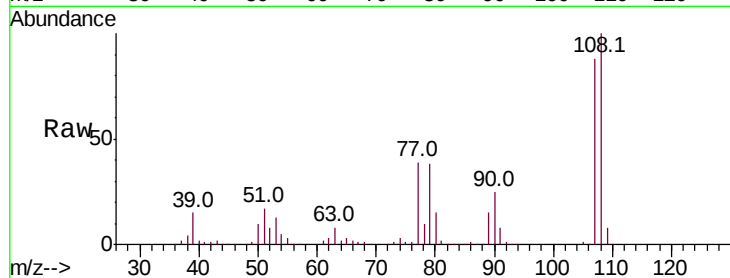
Ion Ratio Lower Upper

107 100

108 113.6 92.6 138.8

77 44.1 59.4 89.2#

79 43.2 54.0 81.0#

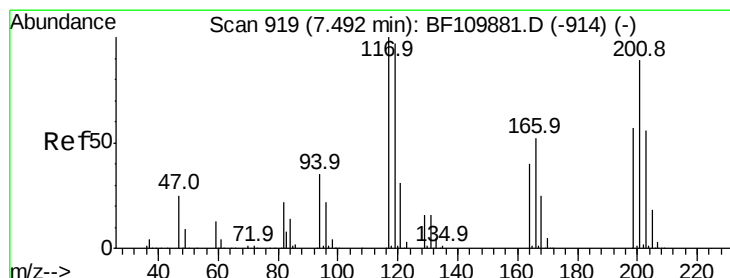
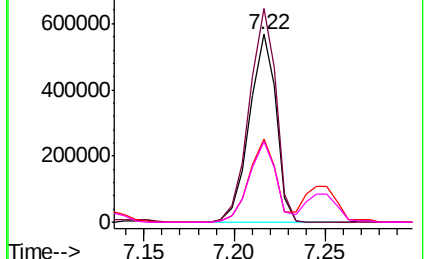
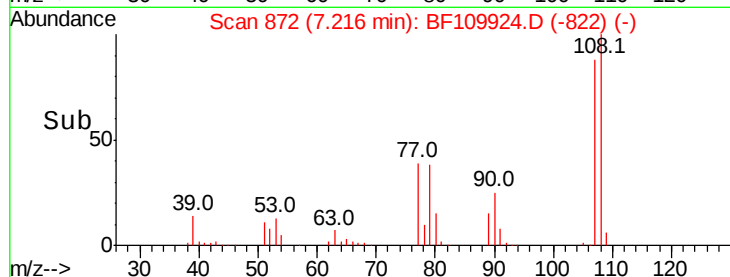


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.368 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

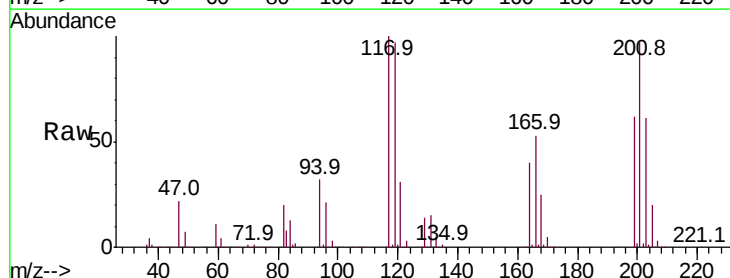
Tgt Ion:117 Resp: 289480

Ion Ratio Lower Upper

117 100

119 96.5 75.0 112.6

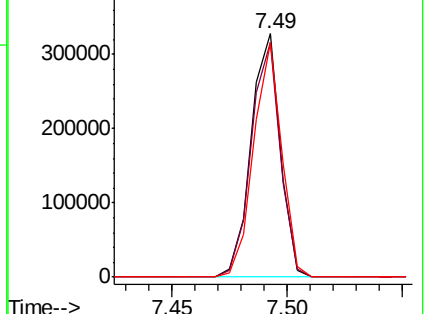
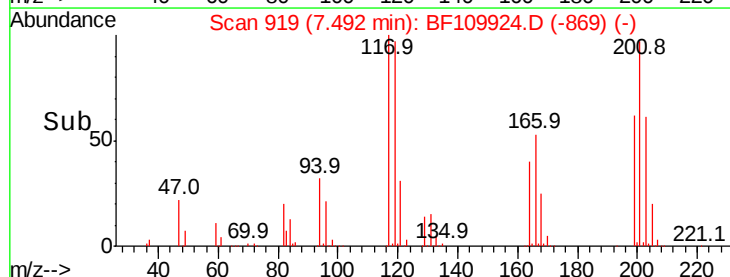
201 96.6 79.2 118.8

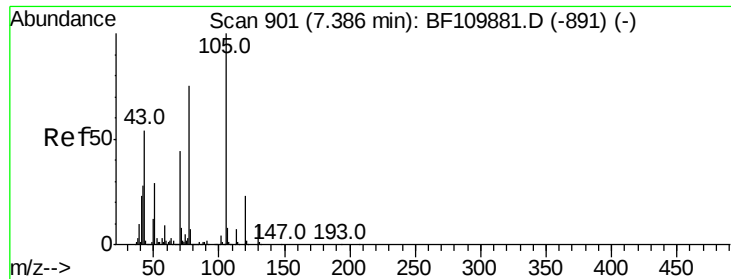


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.900 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 494876

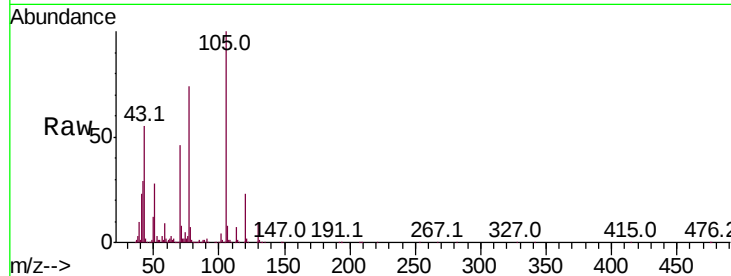
Ion Ratio Lower Upper

70 100

42 62.4 47.4 71.2

101 9.8 7.3 10.9

130 21.9 16.2 24.2

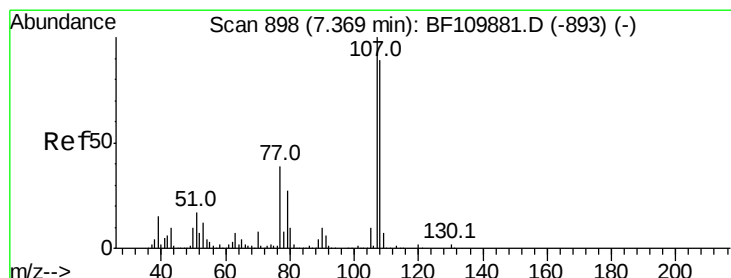
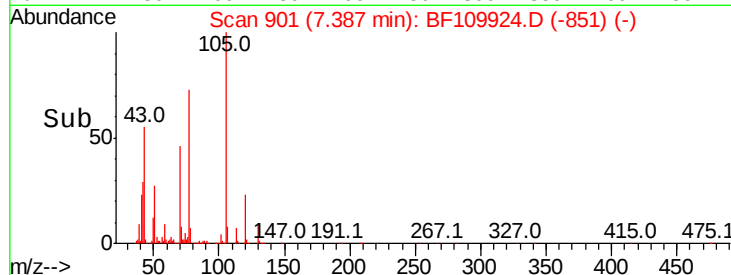
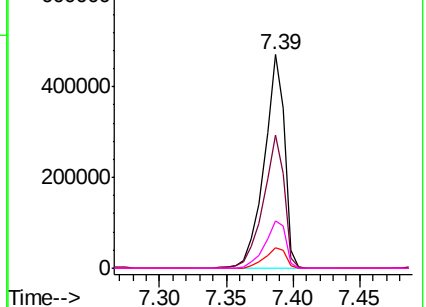


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.974 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Tgt Ion:107 Resp: 732161

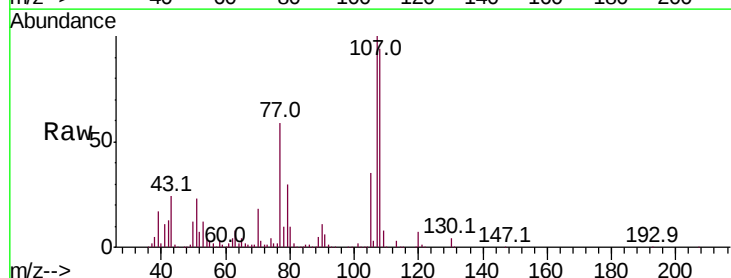
Ion Ratio Lower Upper

107 100

108 94.3 71.4 111.4

77 58.9 47.3 87.3

79 29.8 10.9 50.9

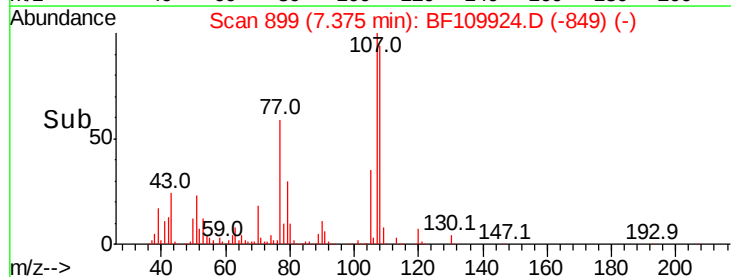
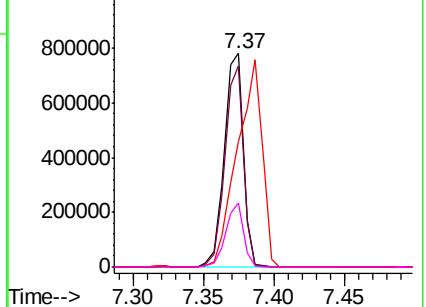


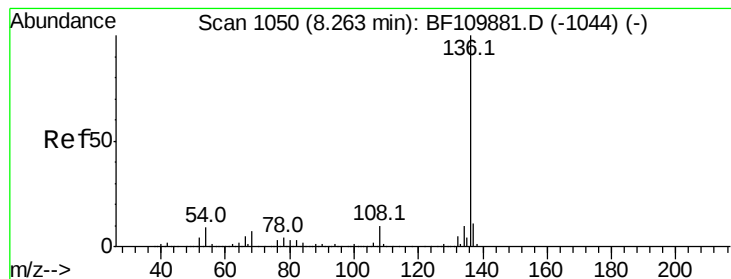
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.26 min Scan# 1050

Delta R.T. -0.01 min

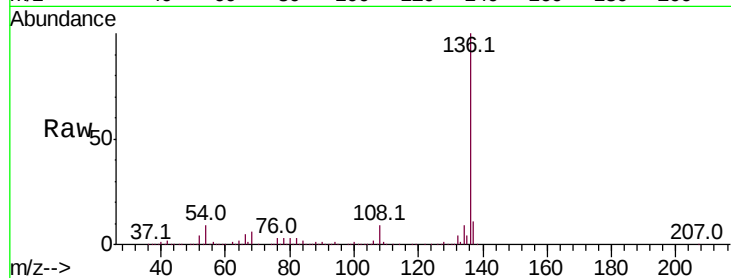
Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :



Tot Ion:136 Resp: 1079001

Ion Ratio Lower Upper

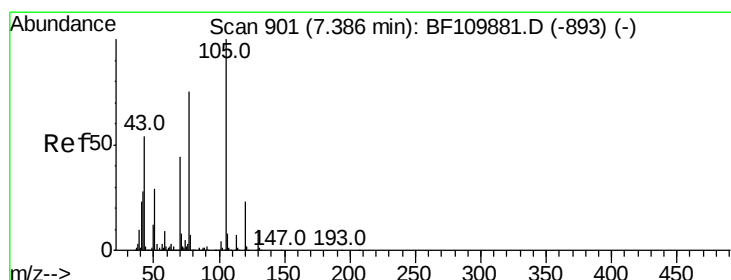
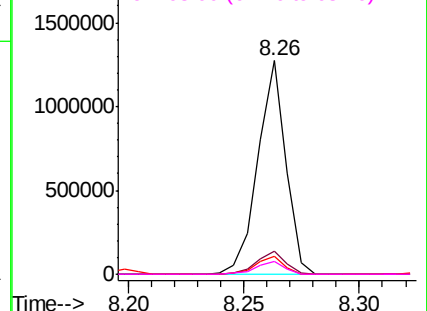
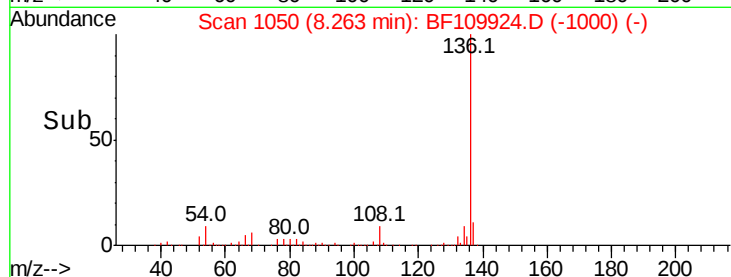
136	100		
137	11.0	8.8	13.2
54	8.6	5.4	8.2#
68	6.2	4.2	6.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.189 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Tgt Ion:105 Resp: 955588

Ion Ratio Lower Upper

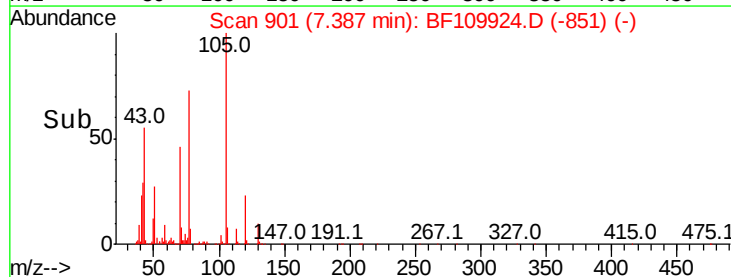
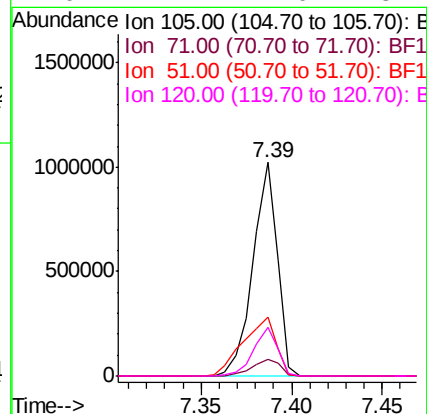
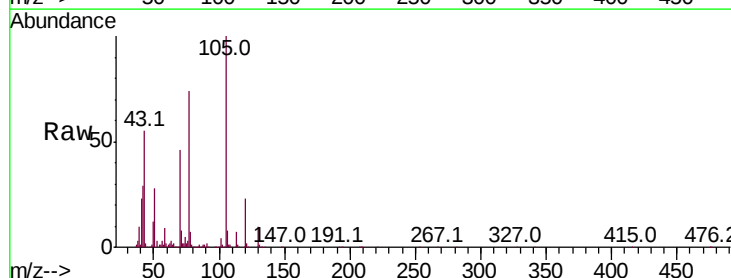
105	100		
71	7.6	5.2	7.8
51	27.6	21.8	32.8
120	22.7	17.0	25.4

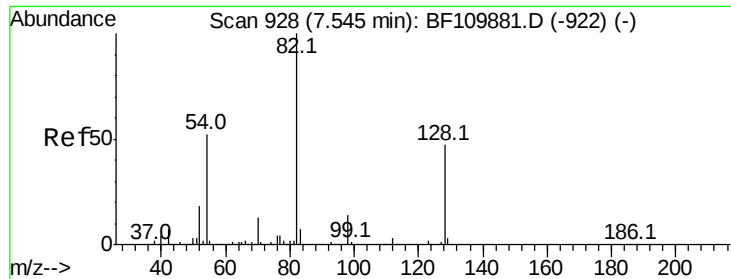
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

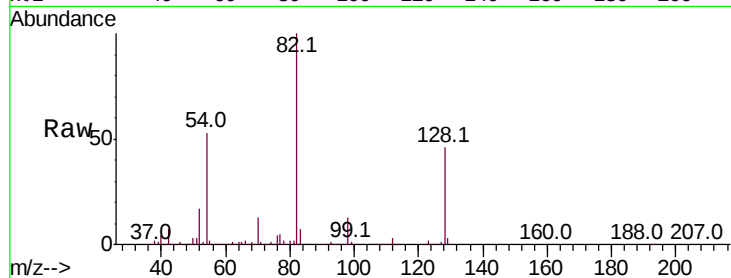




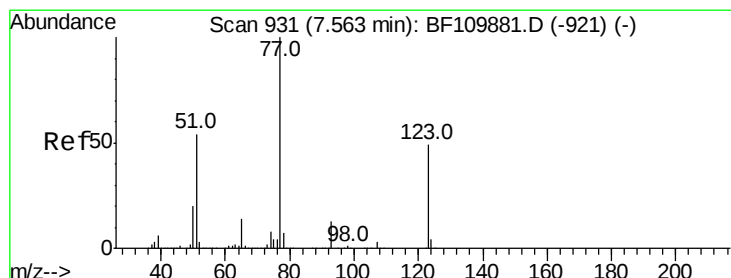
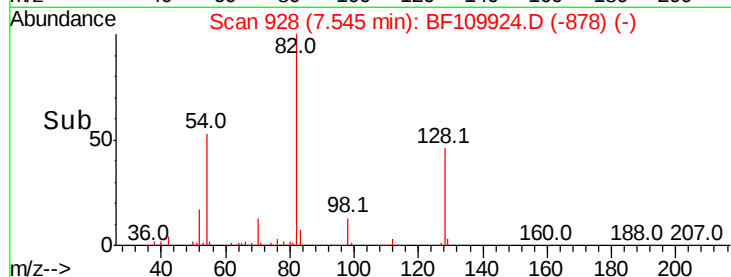
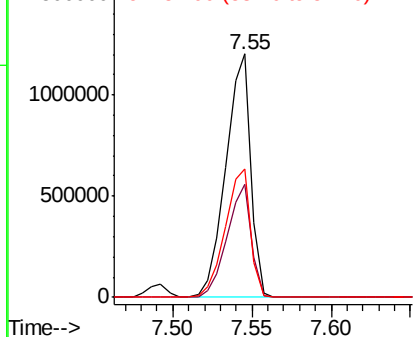
#23
Nitrobenzene-d5
Concen: 81.472 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1304970
Ion Ratio Lower Upper
82 100
128 46.4 34.2 51.2
54 52.8 38.6 58.0

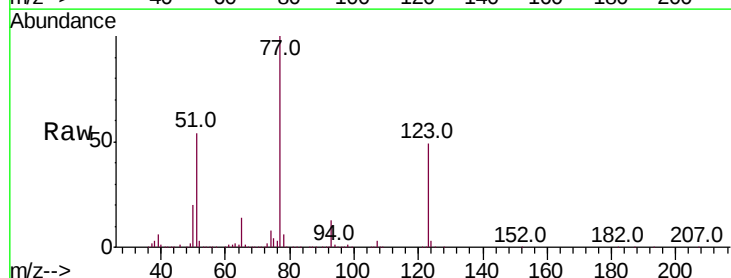


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

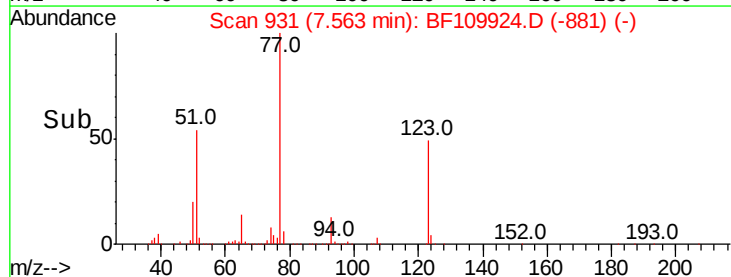
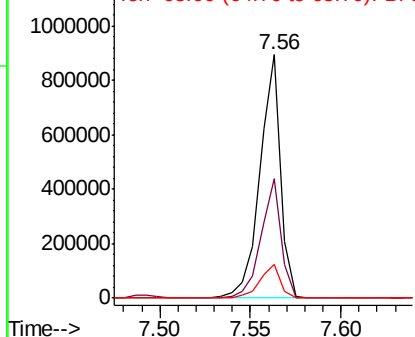


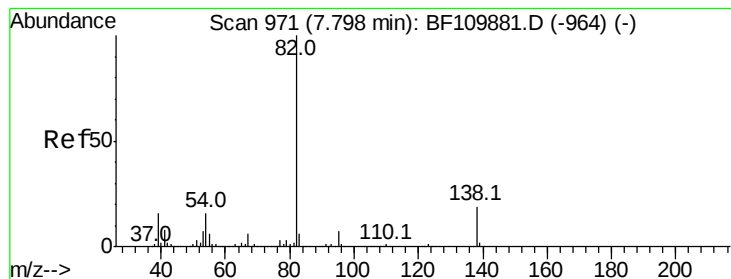
#24
Nitrobenzene
Concen: 40.544 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion: 77 Resp: 705481
Ion Ratio Lower Upper
77 100
123 49.1 35.7 53.5
65 13.7 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: 37.852 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

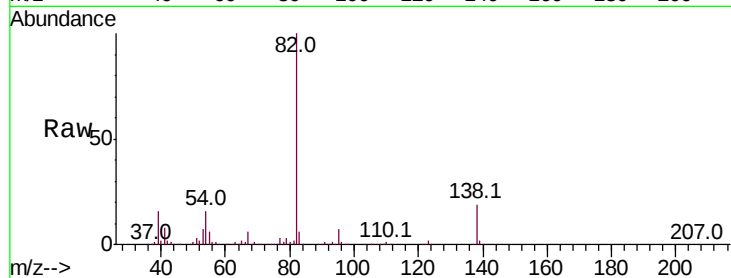
Tot Ion: 82 Resp: 1191292

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

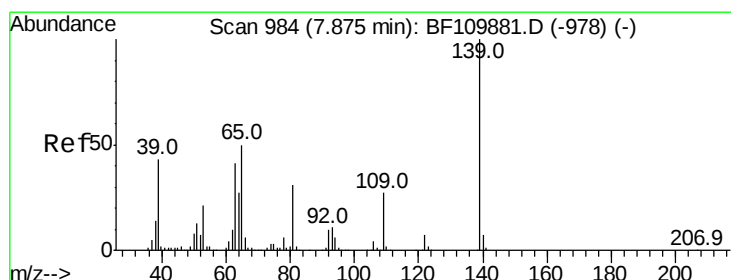
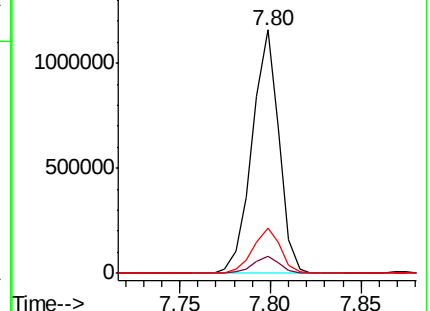
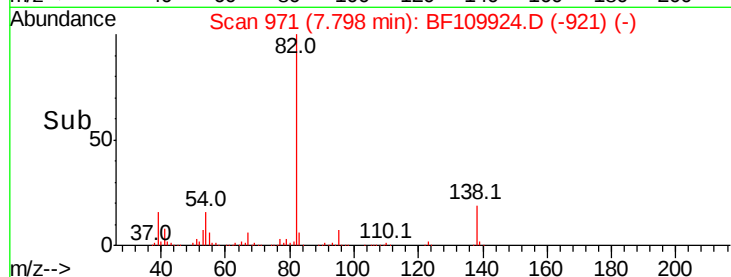
138 18.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.610 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

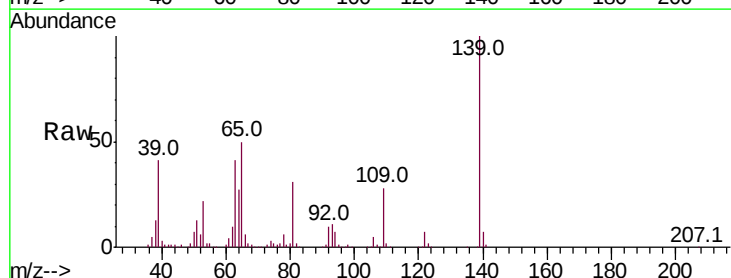
Tgt Ion: 139 Resp: 307415

Ion Ratio Lower Upper

139 100

109 27.7 25.0 37.6

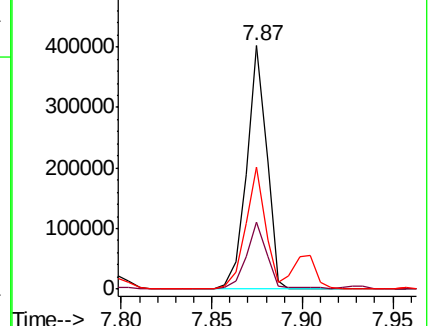
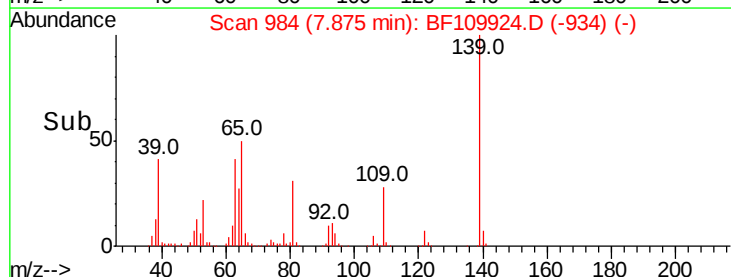
65 50.2 44.0 66.0

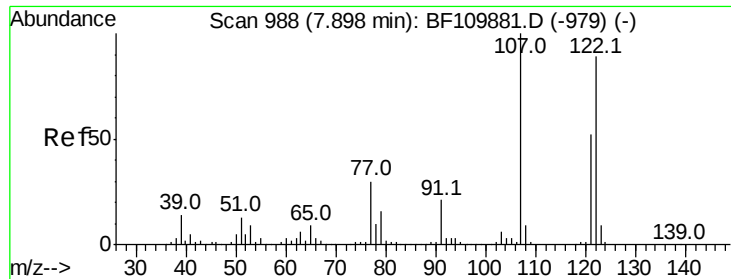


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.158 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

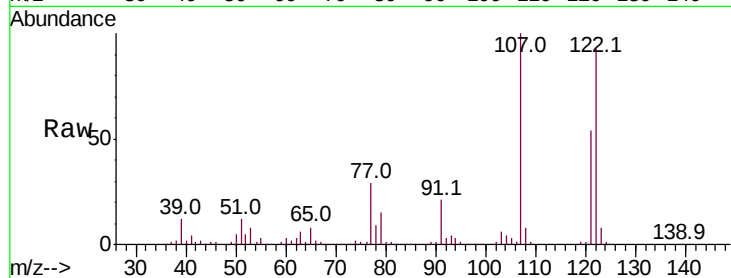
Tot Ion:122 Resp: 593619

Ion Ratio Lower Upper

122 100

107 107.0 92.5 138.7

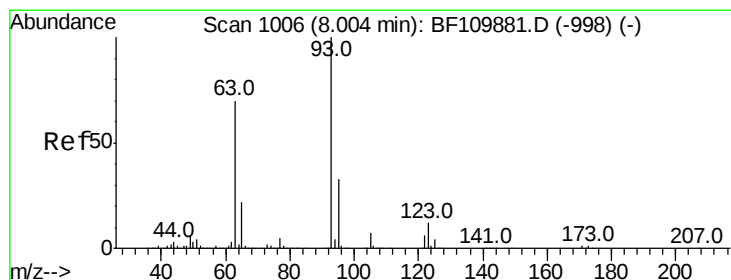
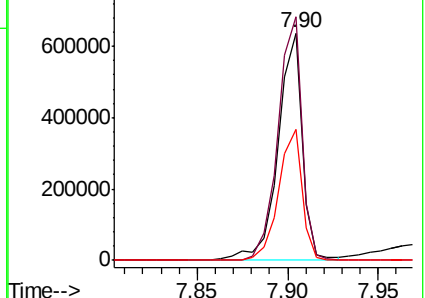
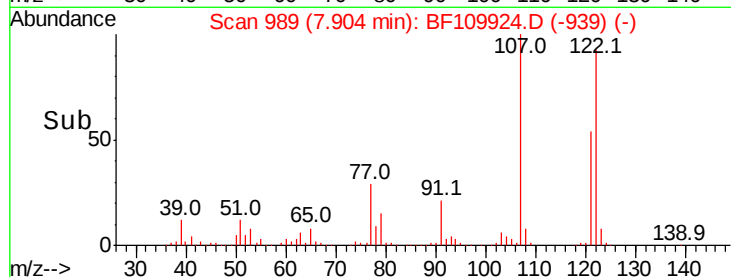
121 57.5 45.8 68.8



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: 38.344 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

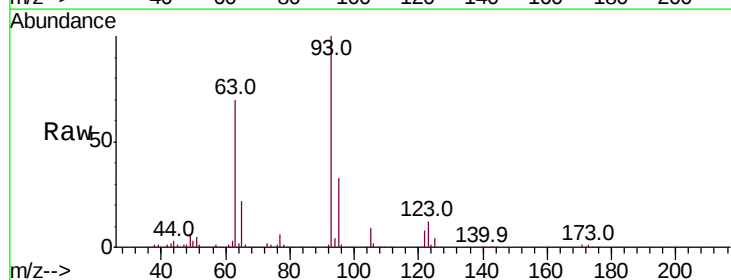
Tgt Ion: 93 Resp: 828215

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

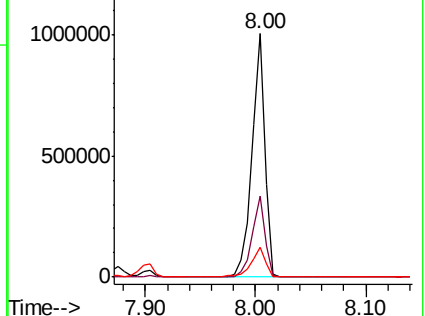
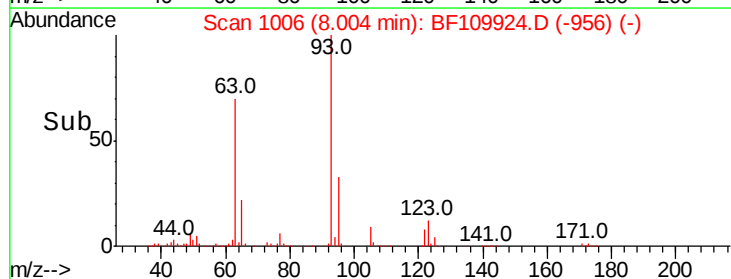
123 12.2 9.0 13.6

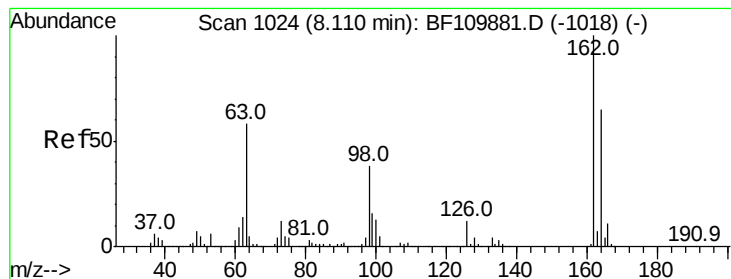


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.985 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

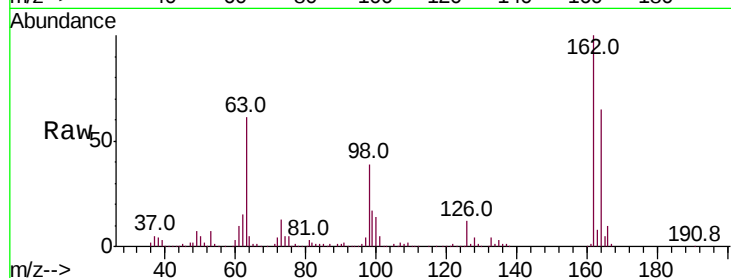
Tot Ion:162 Resp: 588015

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

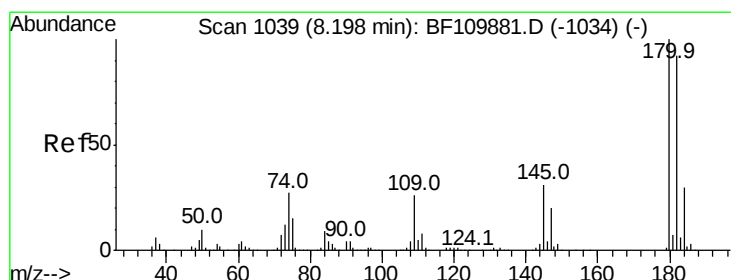
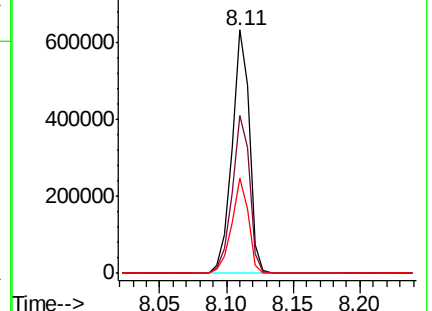
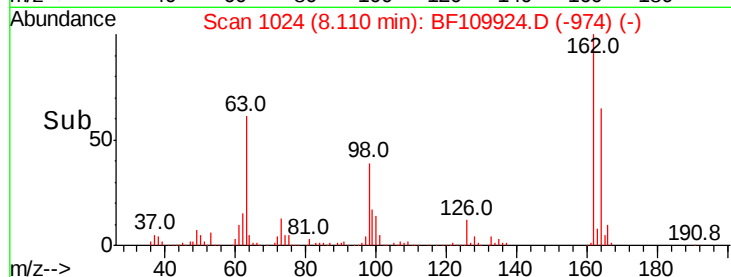
98 39.3 17.4 57.4



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: 39.751 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

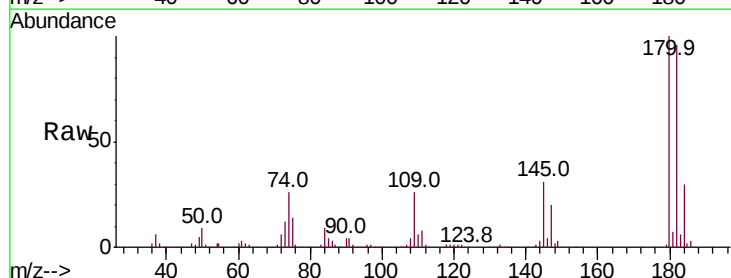
Tgt Ion:180 Resp: 654540

Ion Ratio Lower Upper

180 100

182 95.8 80.3 120.5

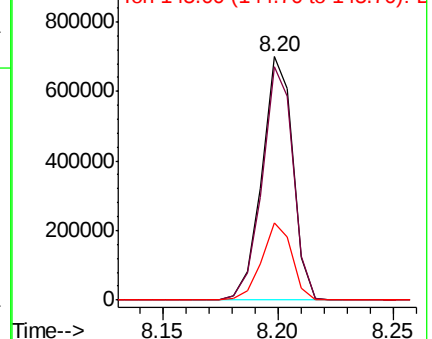
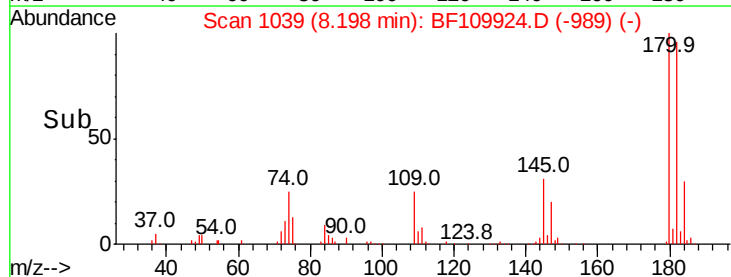
145 31.5 25.4 38.0

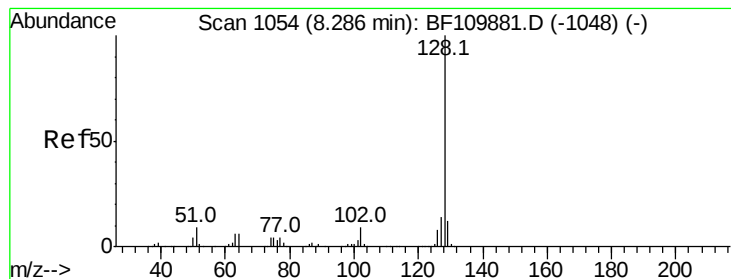


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.242 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

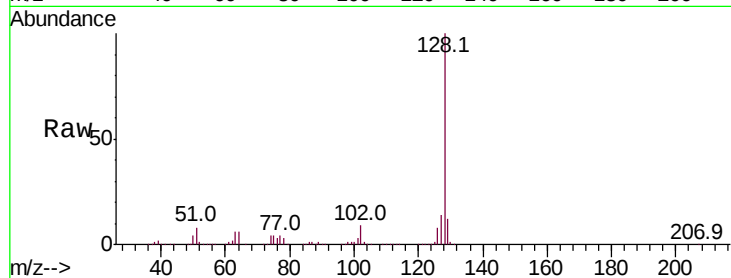
Tot Ion:128 Resp: 1892156

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

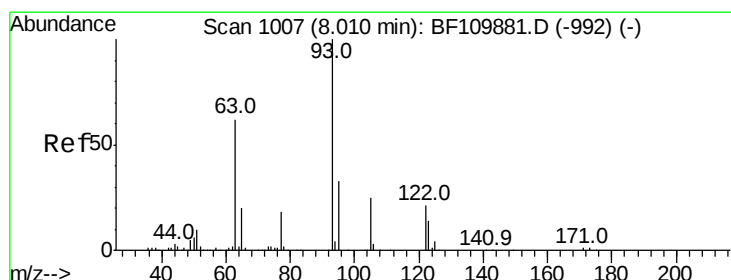
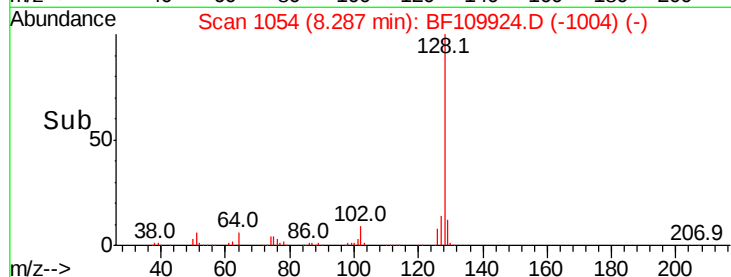
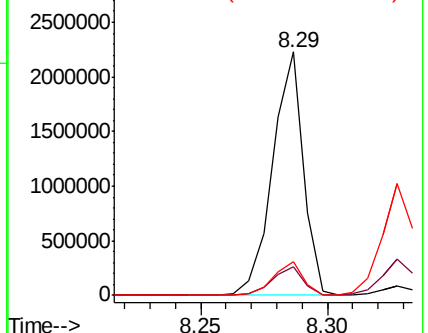
127 13.8 10.8 16.2



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: 24.207 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

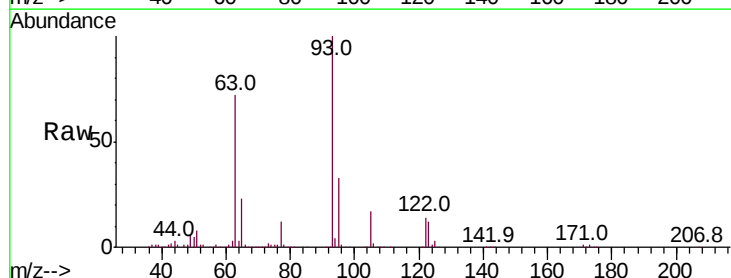
Tgt Ion:122 Resp: 228645

Ion Ratio Lower Upper

122 100

105 122.7 109.0 149.0

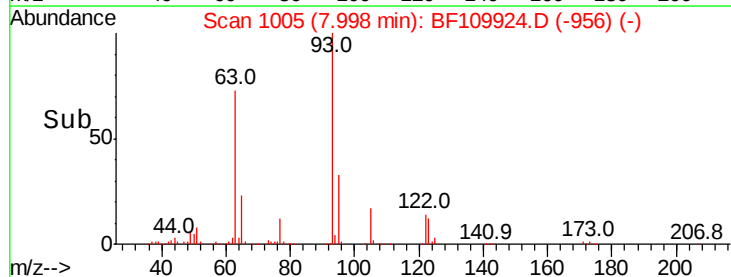
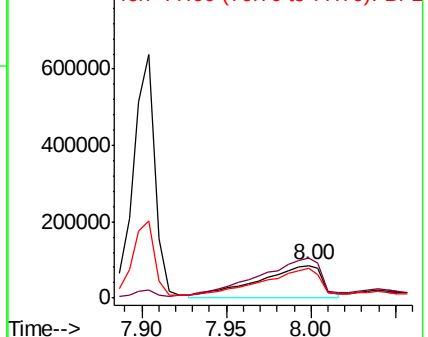
77 89.3 79.0 119.0

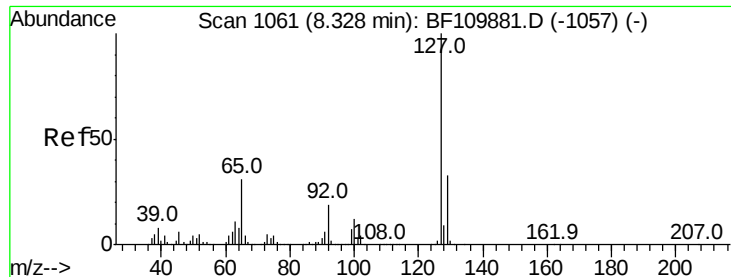


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

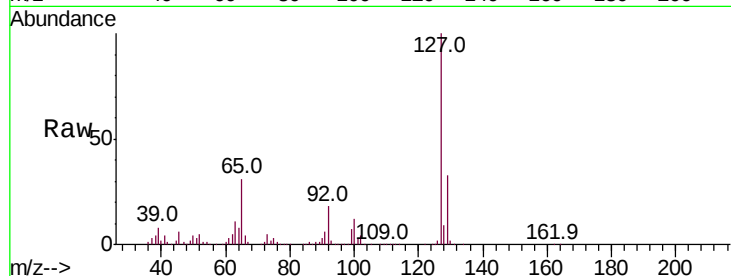




#33
4-Chloroaniline
Concen: 38.905 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	865316
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	31.0	25.1	37.7
92	18.5	15.0	22.6



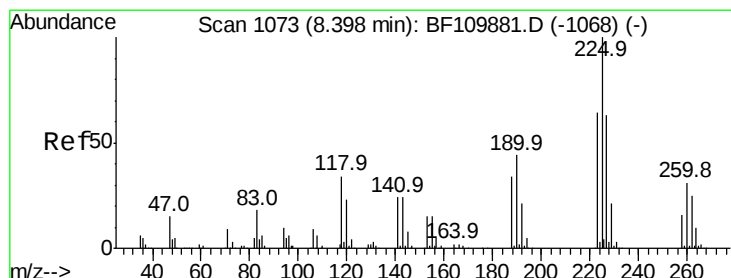
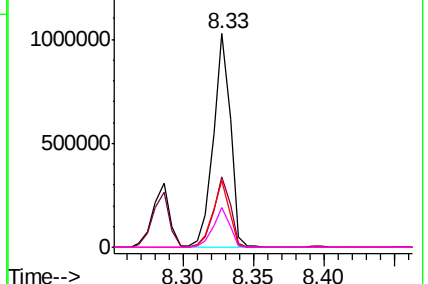
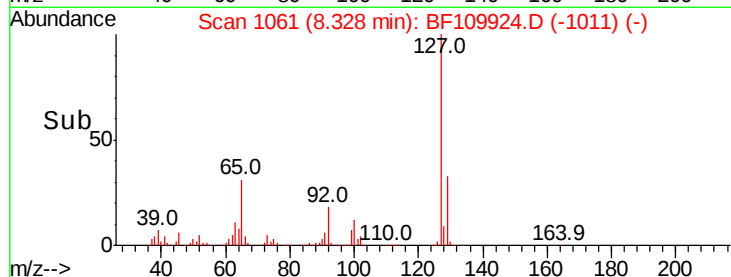
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

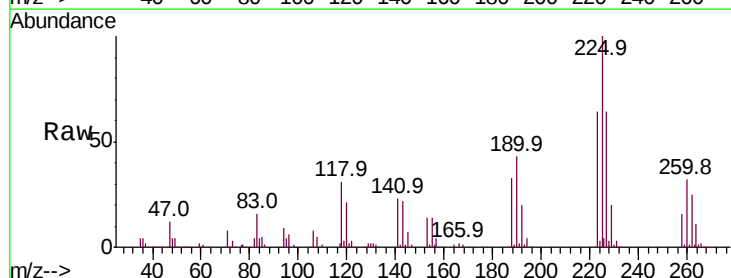
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.581 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:	225	Resp:	359393
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.2
227	64.3	51.0	76.6

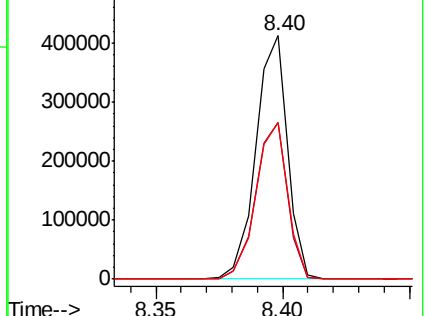
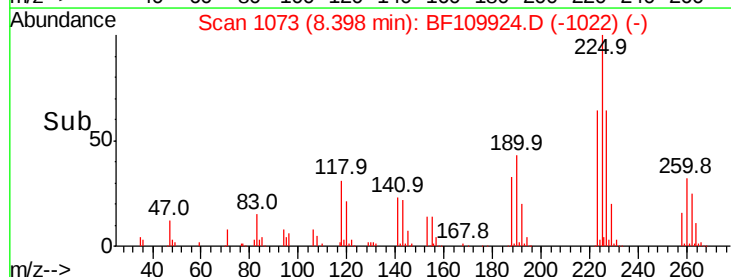


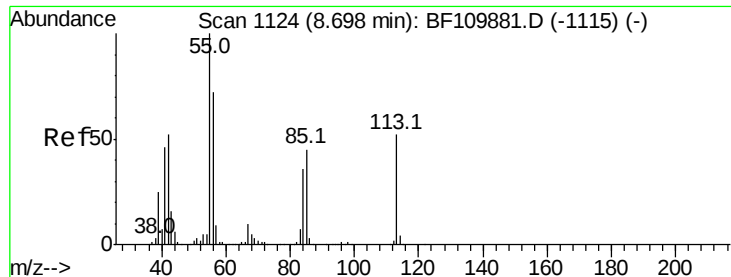
Abundance

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

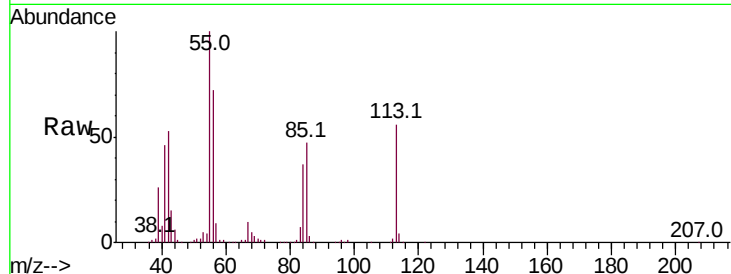




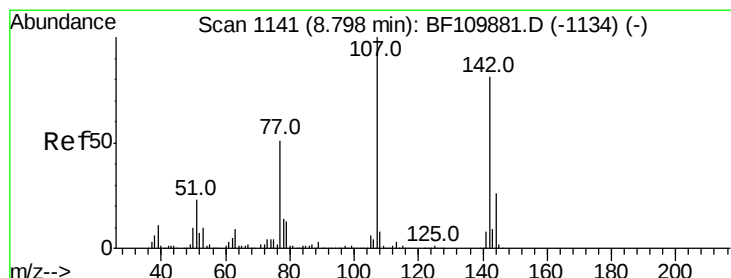
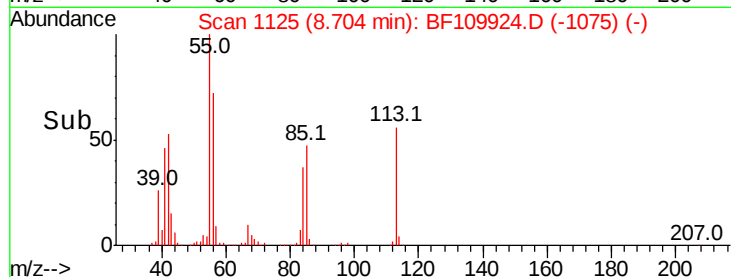
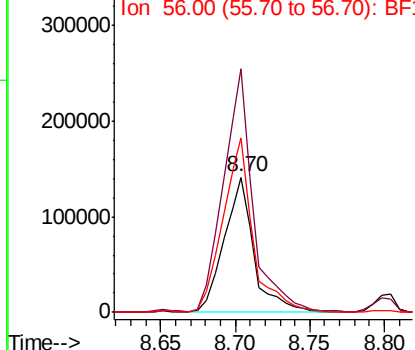
#35
 Caprolactam
 Concen: 37.770 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 197265
 Ion Ratio Lower Upper
 113 100
 55 179.9 142.8 182.8
 56 129.4 105.0 145.0

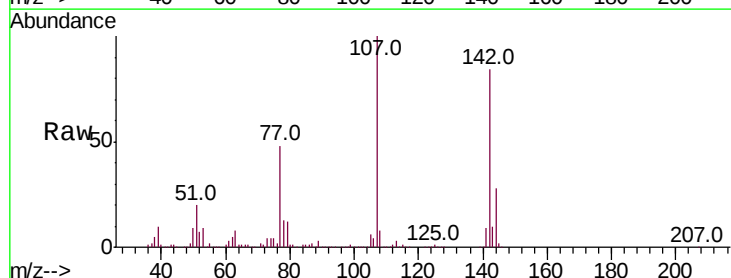


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

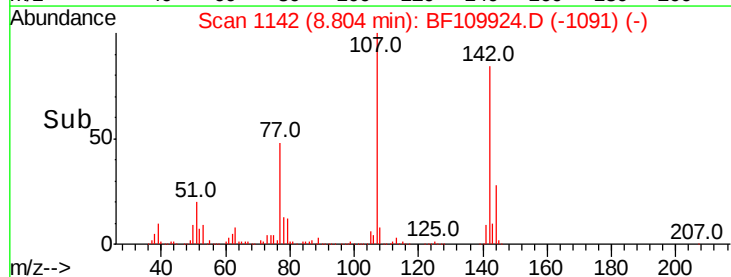
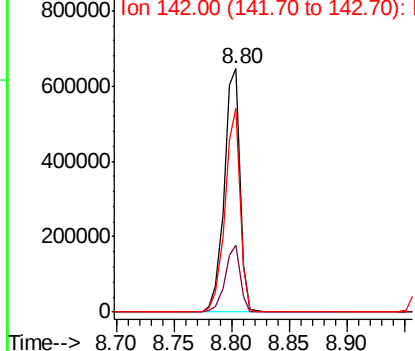


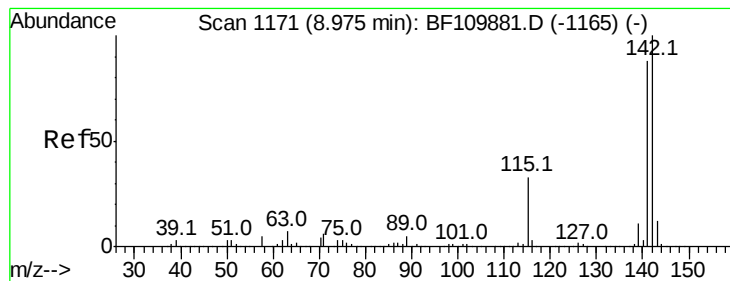
#36
 4-Chloro-3-methylphenol
 Concen: 39.725 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:107 Resp: 616290
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.0 30.0
 142 84.0 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

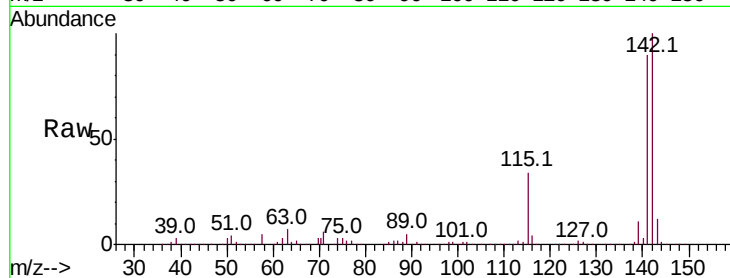




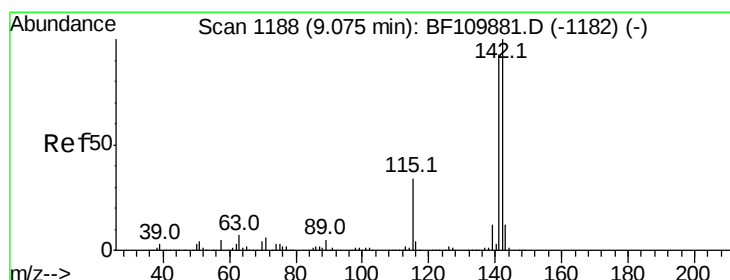
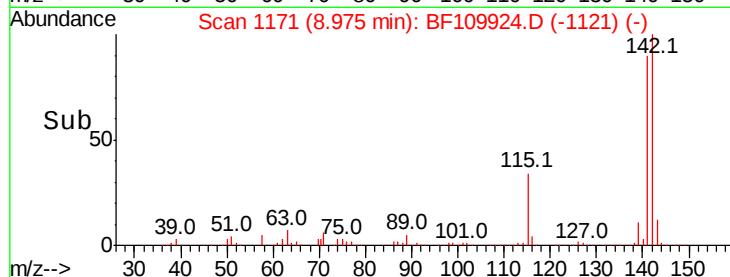
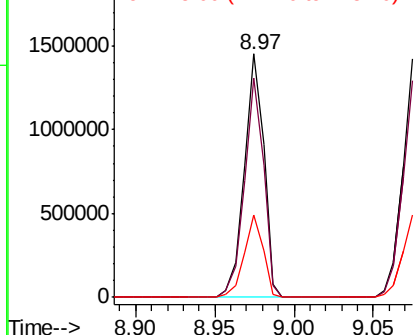
#37
 2-Methylnaphthalene
 Concen: 38.519 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1234112
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.4 107.2
 115 33.8 28.7 43.1

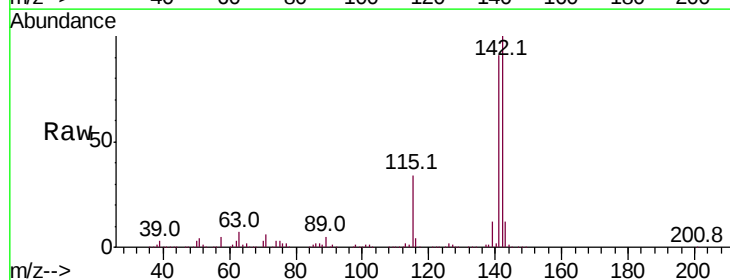


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

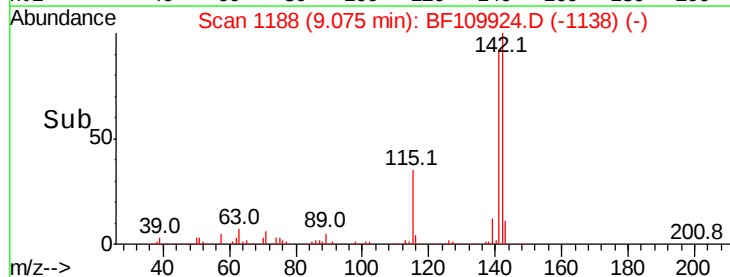
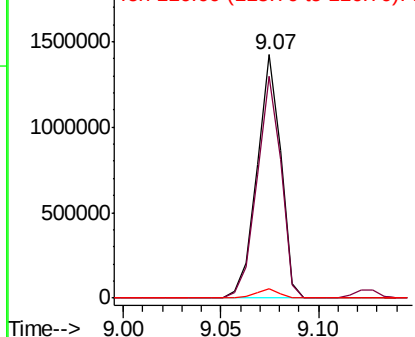


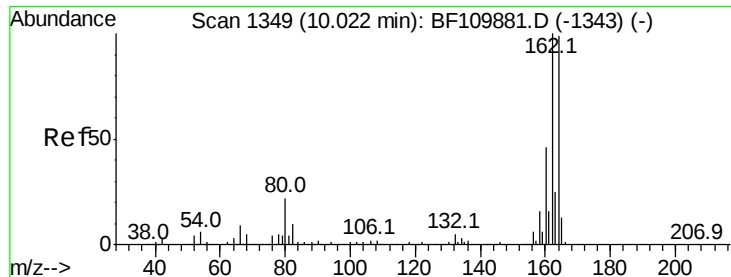
#38
 1-Methylnaphthalene
 Concen: 38.713 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:142 Resp: 1201897
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.2 111.4
 116 3.9 2.6 4.0



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

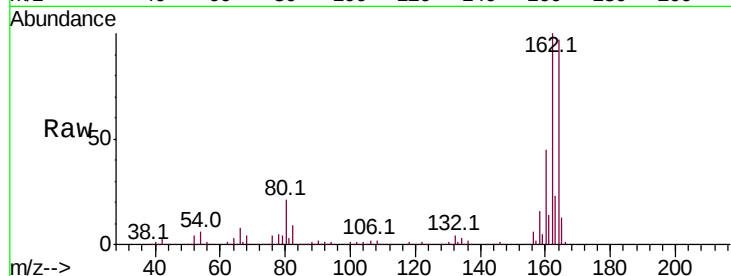




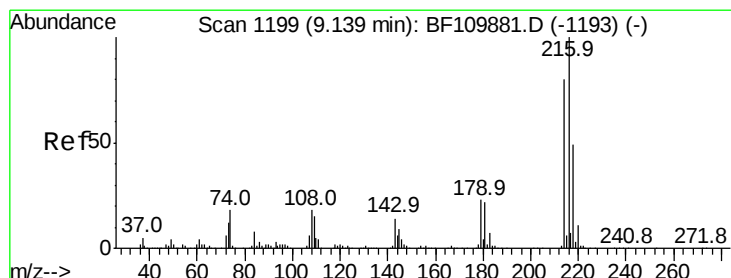
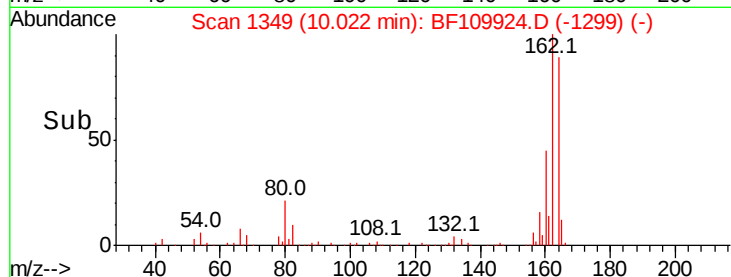
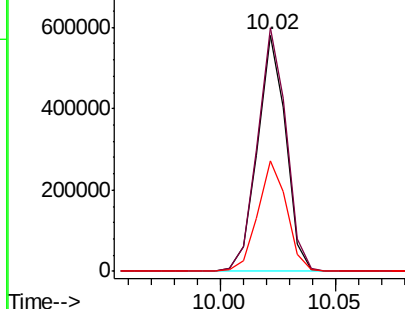
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	46.6	37.0	55.6



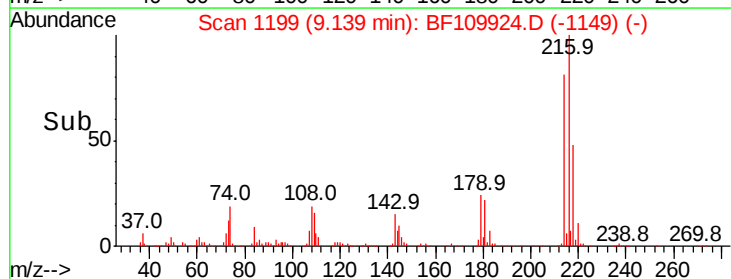
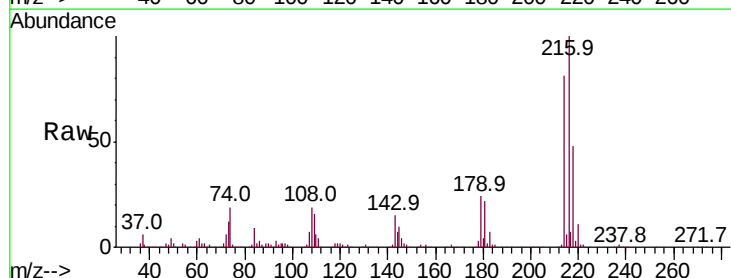
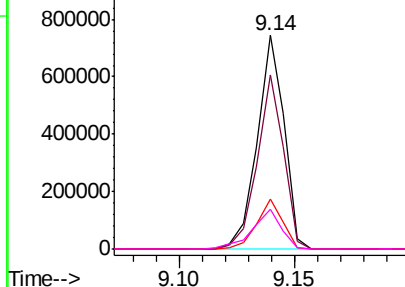
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

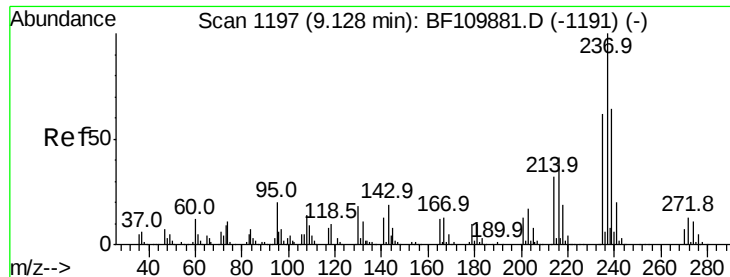


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.534 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.6	16.6	25.0
108	19.8	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: 42.502 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

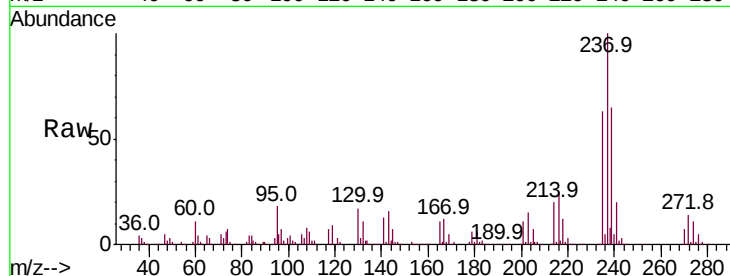
Tot Ion:237 Resp: 314144

Ion Ratio Lower Upper

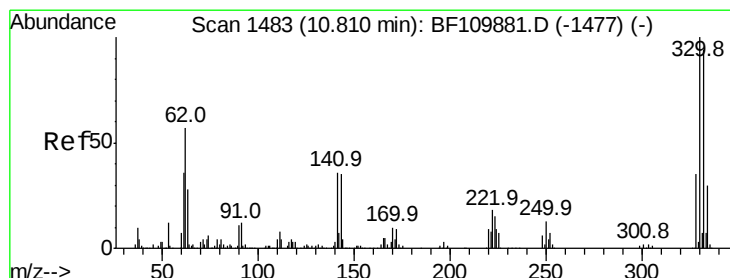
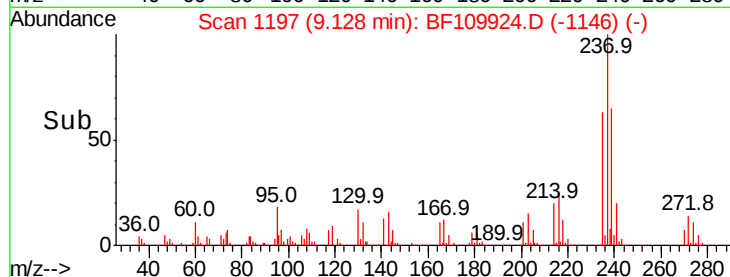
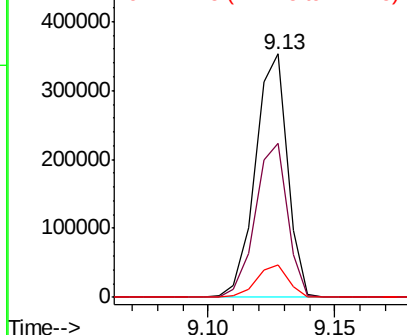
237 100

235 63.4 43.1 83.1

272 13.6 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: 83.199 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

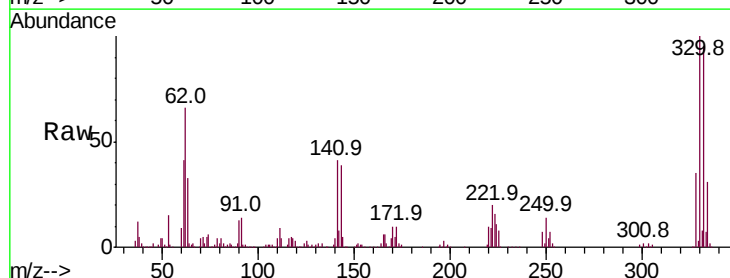
Tgt Ion:330 Resp: 358126

Ion Ratio Lower Upper

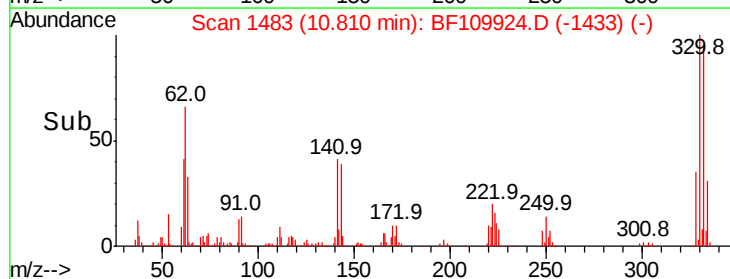
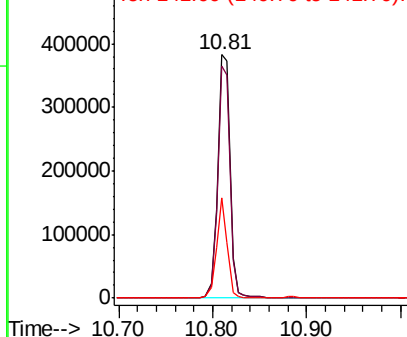
330 100

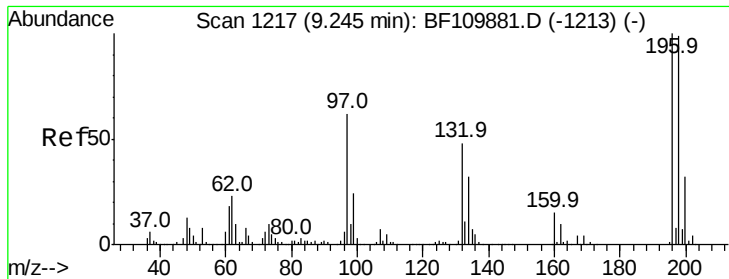
332 94.4 77.1 115.7

141 35.3 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

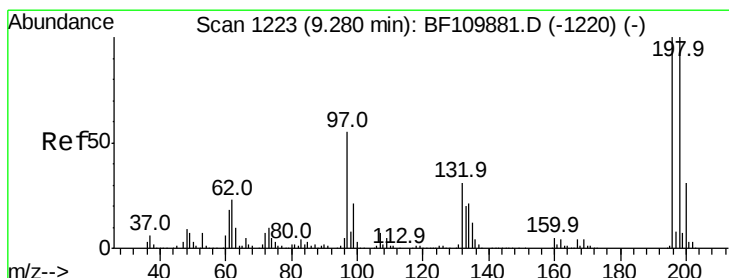
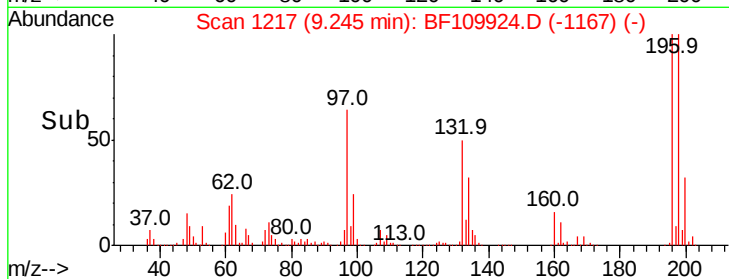
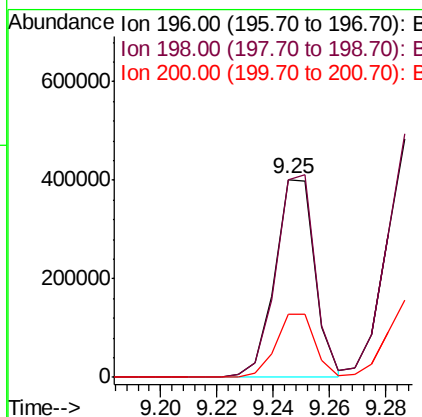
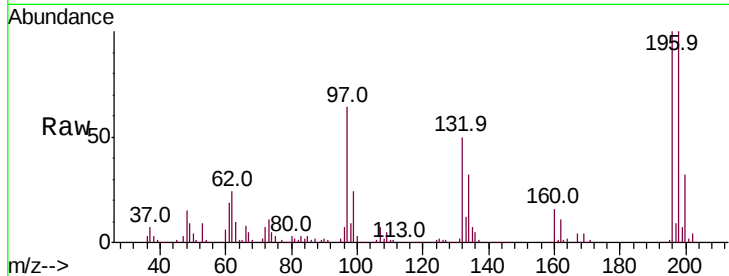




#43
 2,4,6-Trichlorophenol
 Concen: 41.123 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

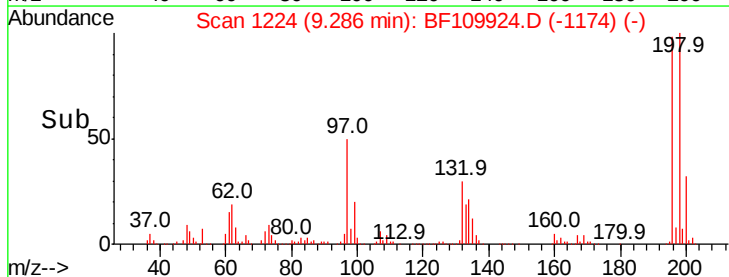
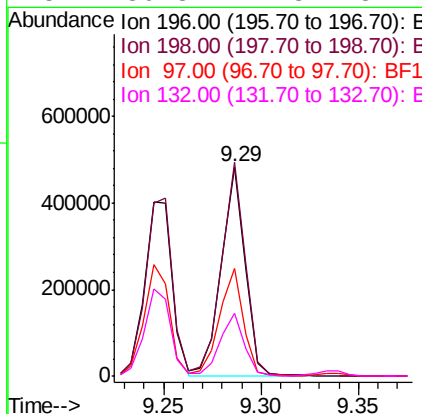
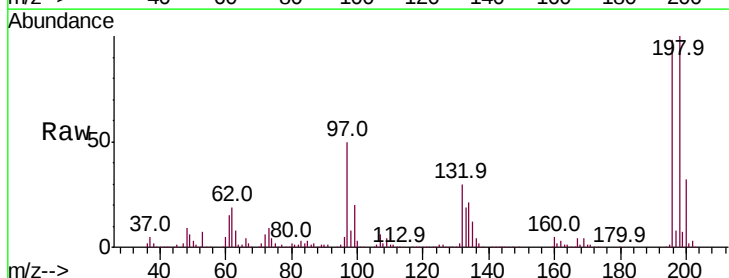
Instrument :
 BNA_F
 ClientSampled :

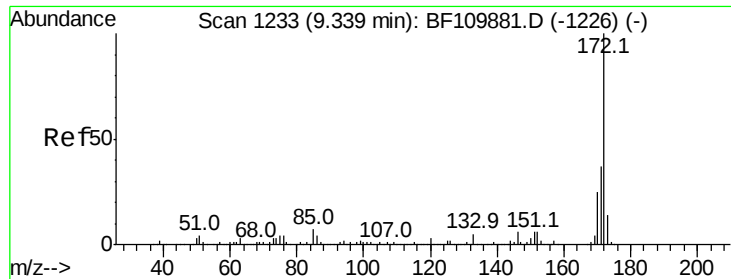
Tot Ion:196 Resp: 393773
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.2 114.4
 200 31.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.184 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:196 Resp: 409288
 Ion Ratio Lower Upper
 196 100
 198 102.3 75.8 113.6
 97 51.6 42.4 63.6
 132 30.3 22.8 34.2

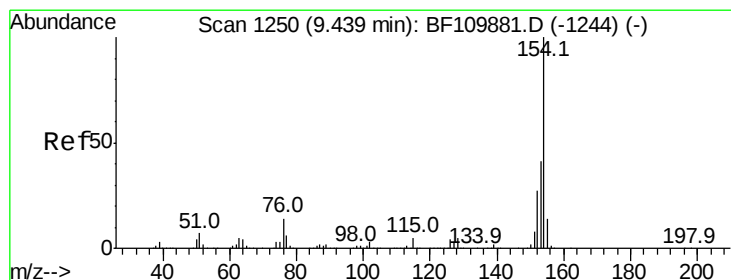
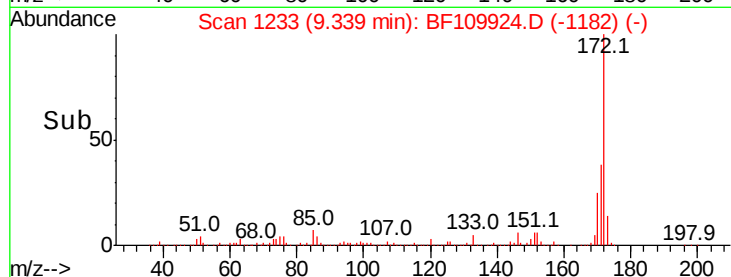
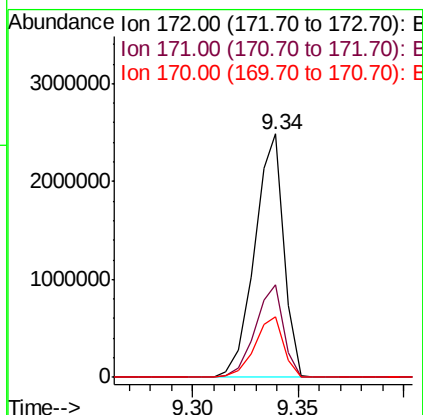
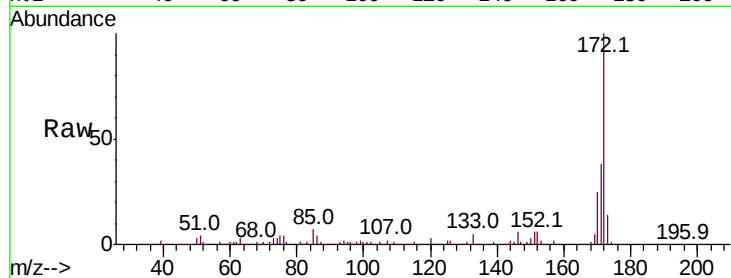




#45
2-Fluorobiphenyl
Concen: 76.367 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

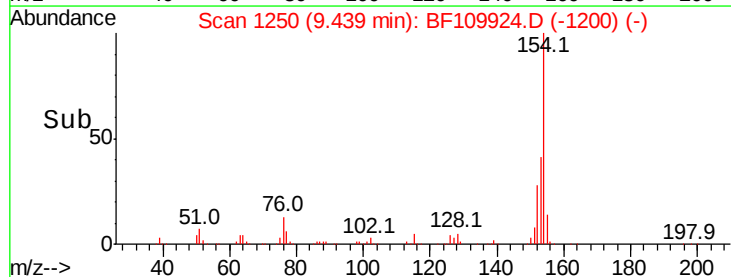
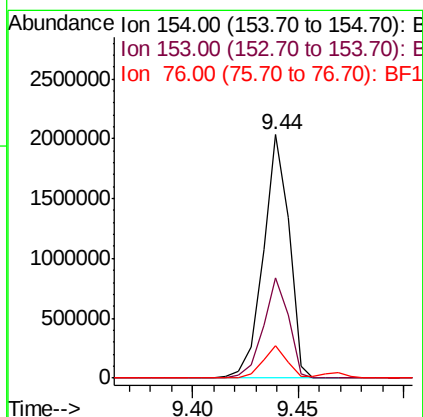
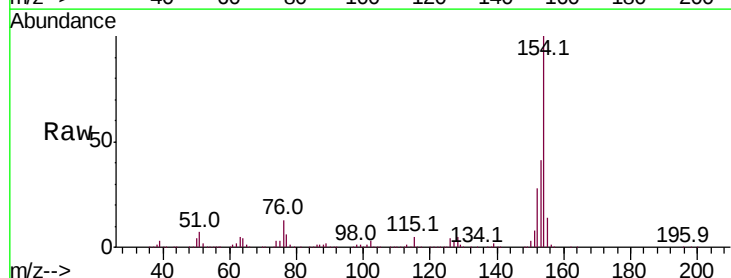
Instrument :
BNA_F
ClientSampleId :

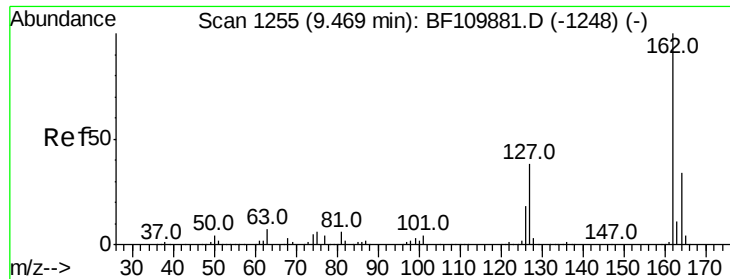
Tot Ion:172 Resp: 2379480
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.1 19.7 29.5



#46
1,1'-Biphenyl
Concen: 38.916 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:154 Resp: 1723849
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 13.5 0.0 31.9

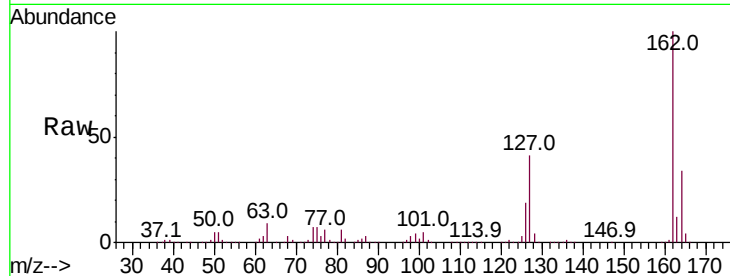




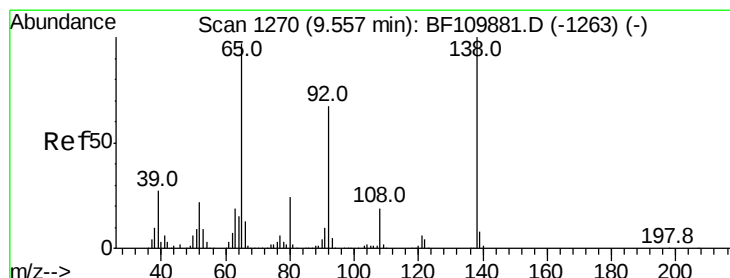
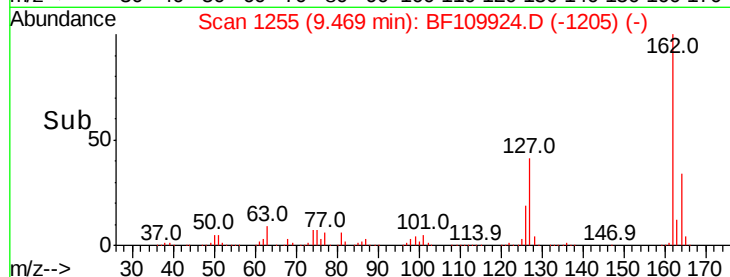
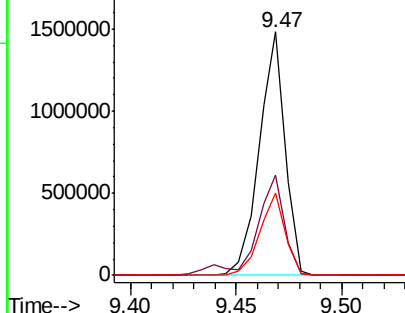
#47
 2-Chloronaphthalene
 Concen: 38.653 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1261199
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.6 48.8
 164 33.6 25.9 38.9

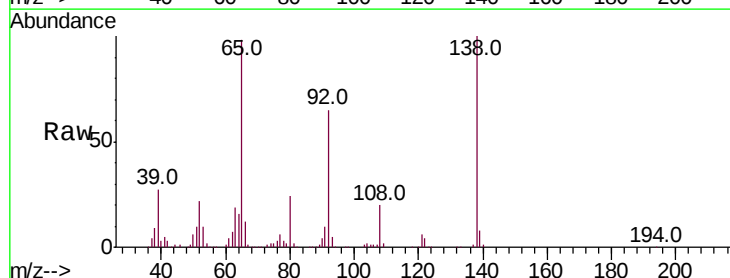


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

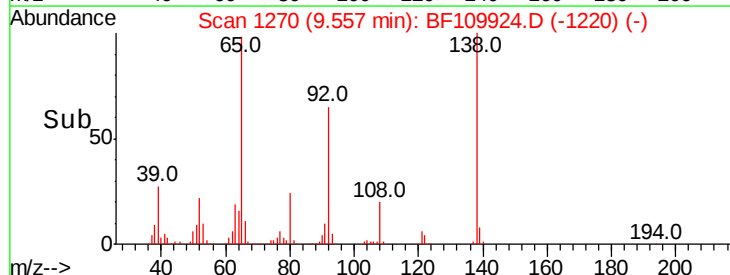
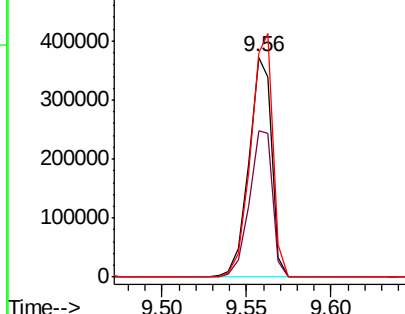


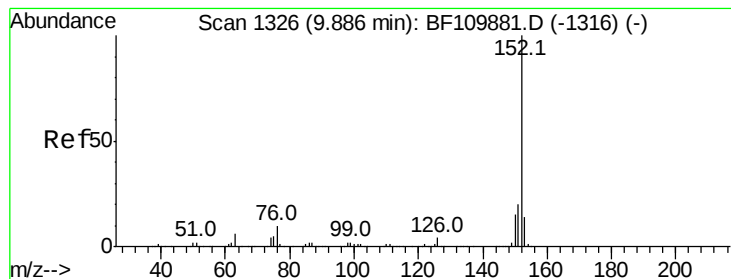
#48
 2-Nitroaniline
 Concen: 41.900 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion: 65 Resp: 350852
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 102.2 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.372 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampled :

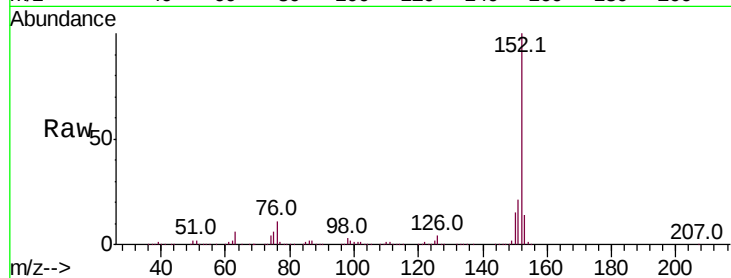
Tot Ion:152 Resp: 1818851

Ion Ratio Lower Upper

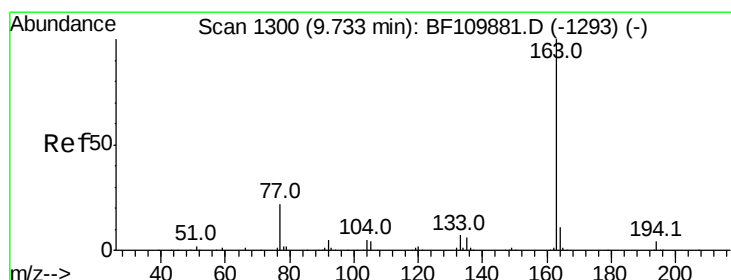
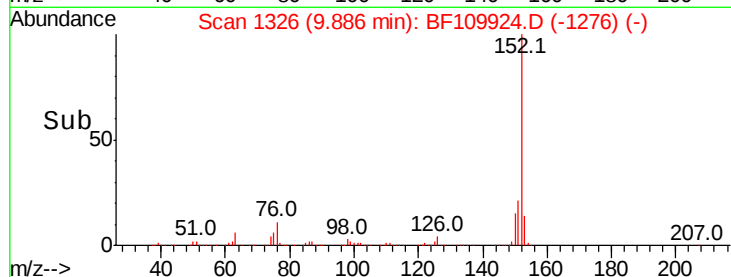
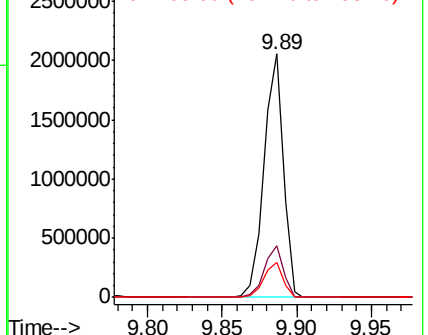
152 100

151 21.2 15.8 23.8

153 14.4 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: 38.204 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

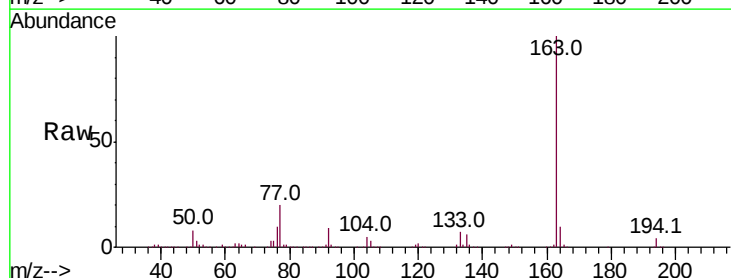
Tgt Ion:163 Resp: 1344948

Ion Ratio Lower Upper

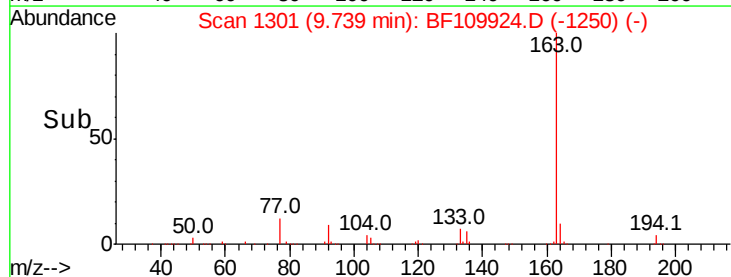
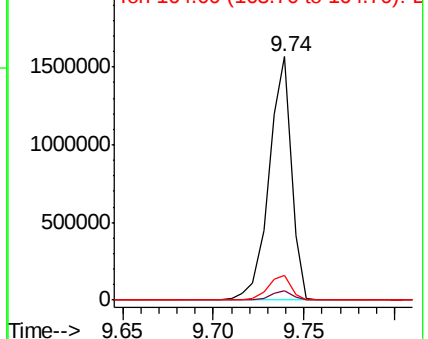
163 100

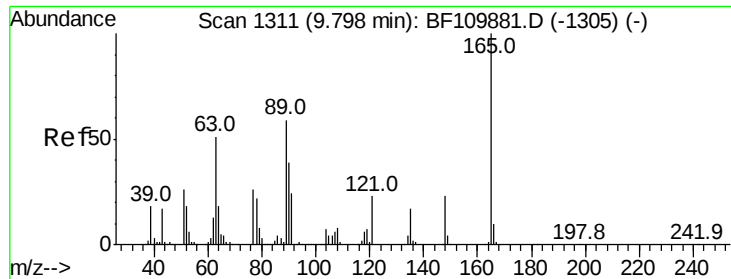
194 4.0 3.2 4.8

164 10.2 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

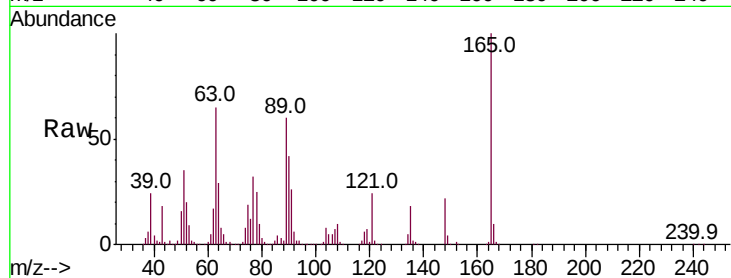




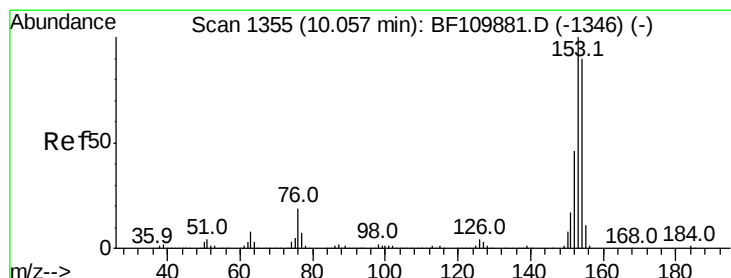
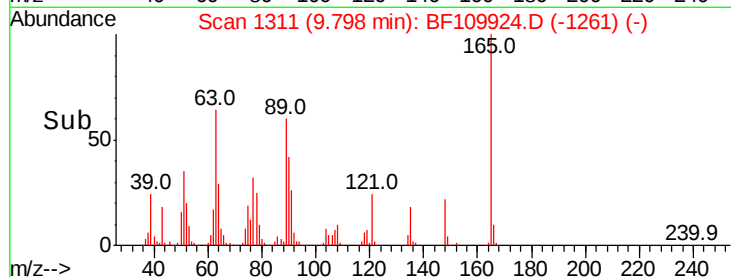
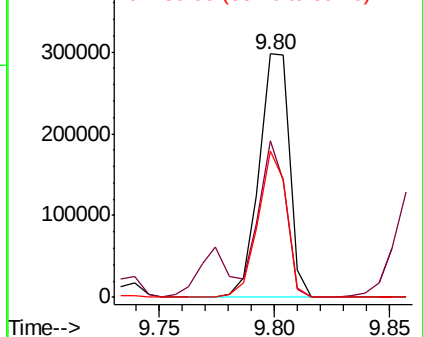
#51
2,6-Dinitrotoluene
Concen: 41.188 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 275410
Ion Ratio Lower Upper
165 100
63 64.6 48.9 73.3
89 60.2 46.6 69.8

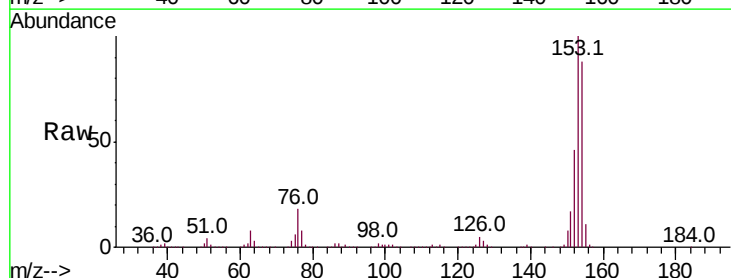


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

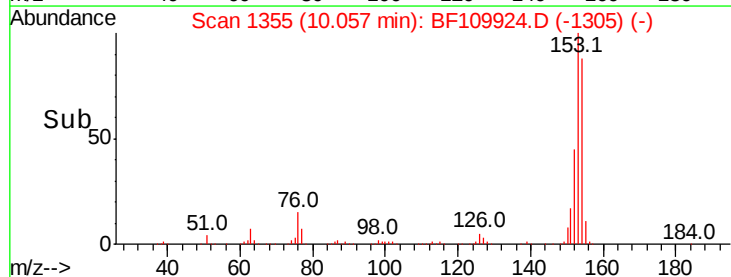
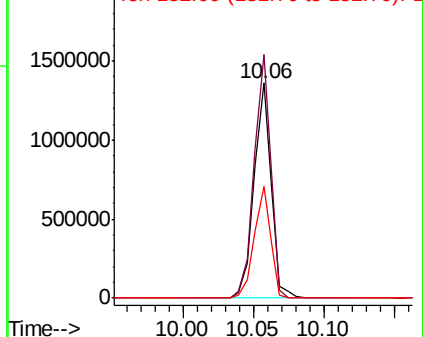


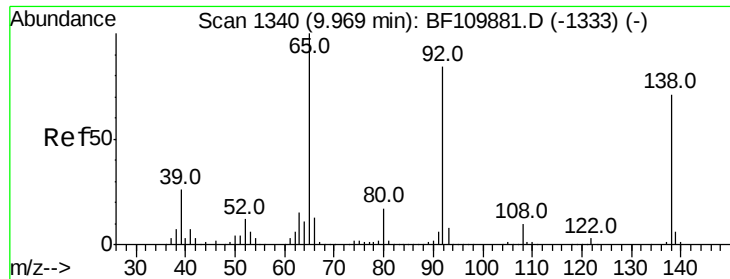
#52
Acenaphthene
Concen: 38.455 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:154 Resp: 1160499
Ion Ratio Lower Upper
154 100
153 113.2 90.1 135.1
152 51.8 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

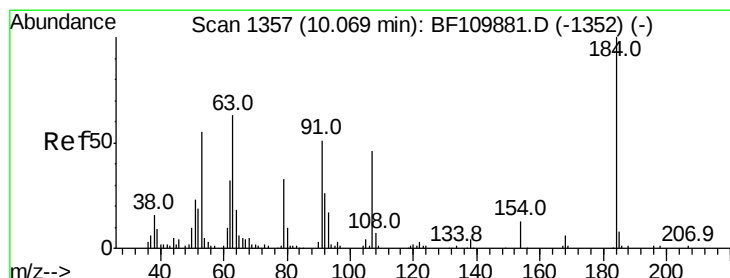
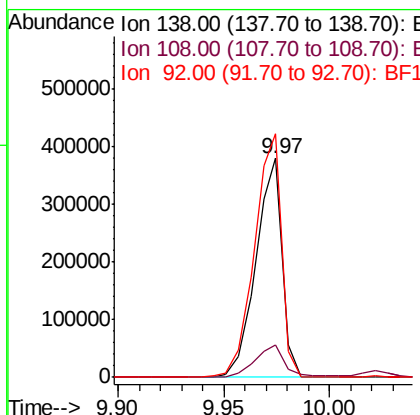
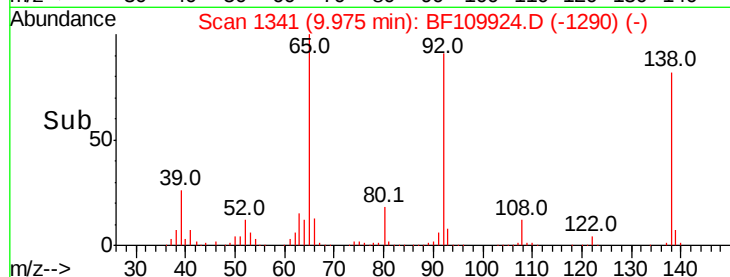
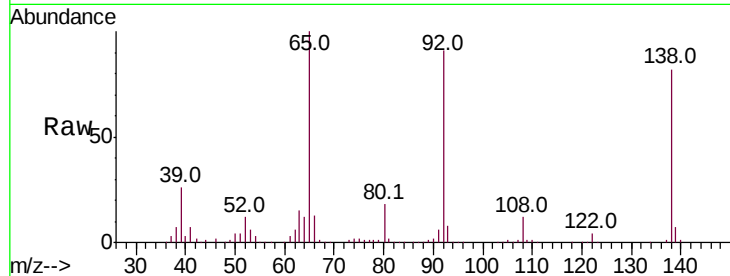




#53
3-Nitroaniline
Concen: 40.403 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

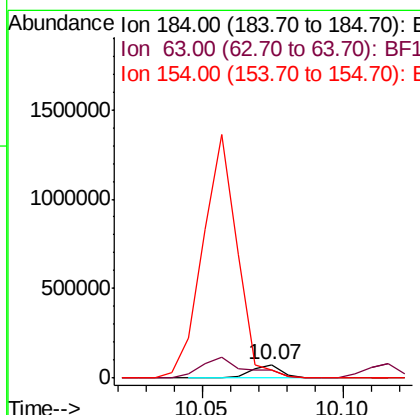
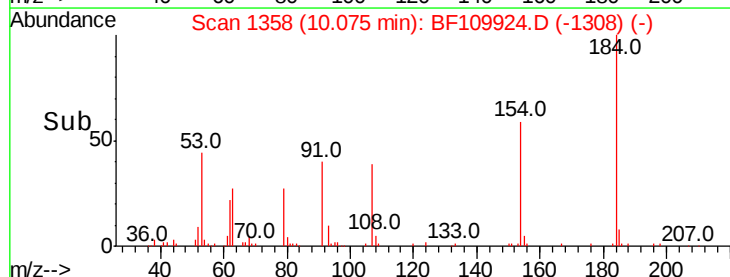
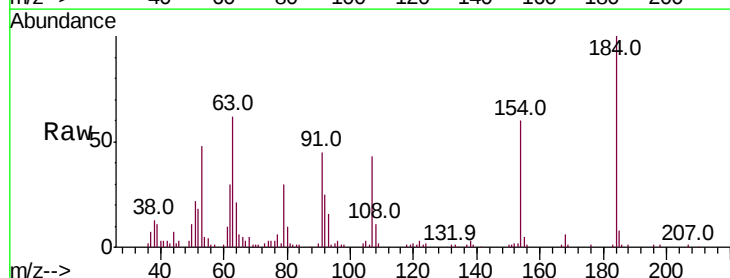
Instrument :
BNA_F
ClientSampleId :

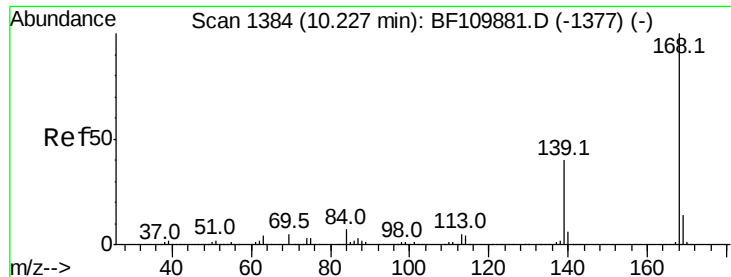
Tot Ion:138 Resp: 328631
Ion Ratio Lower Upper
138 100
108 14.7 8.7 13.1#
92 111.1 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 32.640 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:184 Resp: 56883
Ion Ratio Lower Upper
184 100
63 61.6 55.8 83.6
154 59.9 63.2 94.8#

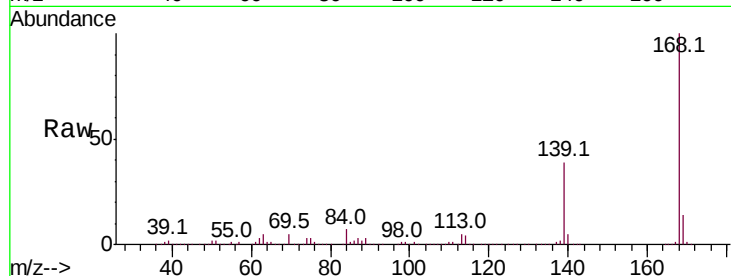




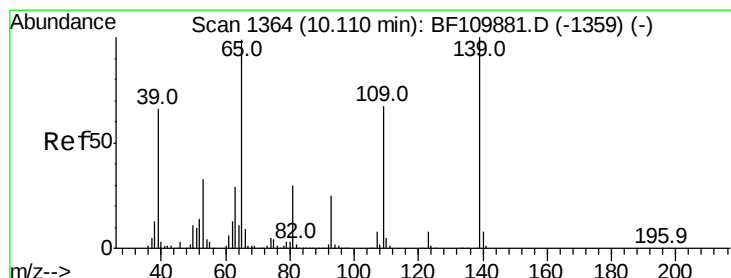
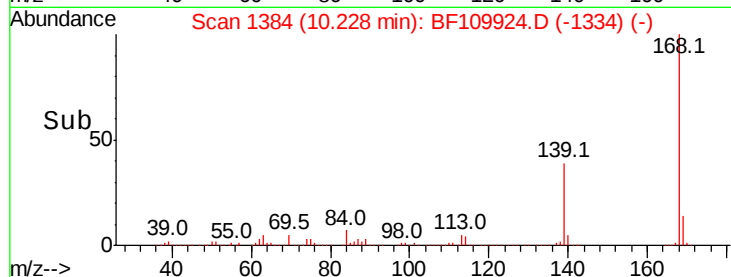
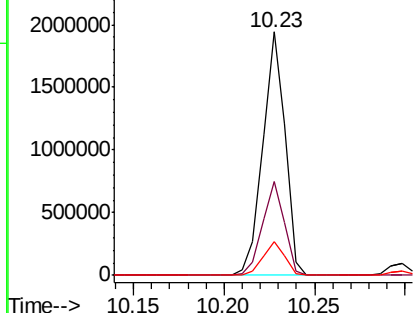
#55
Dibenzenofuran
Concen: 38.521 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1657879
Ion Ratio Lower Upper
168 100
139 38.7 33.0 49.6
169 14.1 11.3 16.9

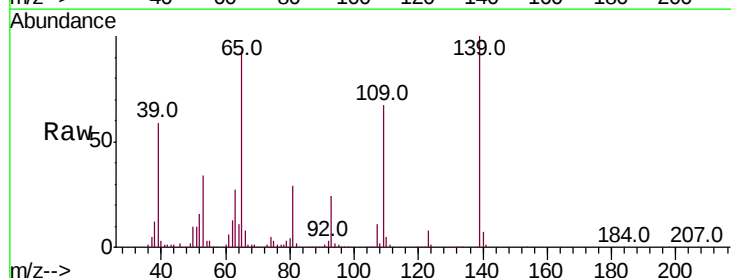


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

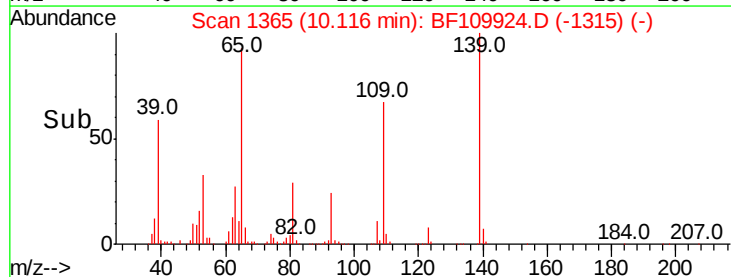
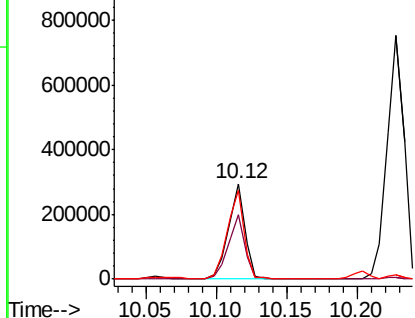


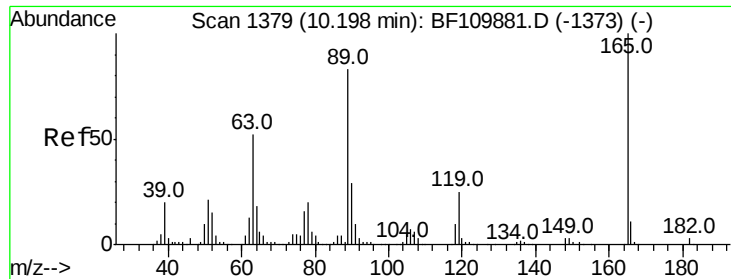
#56
4-Nitrophenol
Concen: 38.776 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:139 Resp: 240655
Ion Ratio Lower Upper
139 100
109 67.2 55.8 95.8
65 93.0 77.9 117.9



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

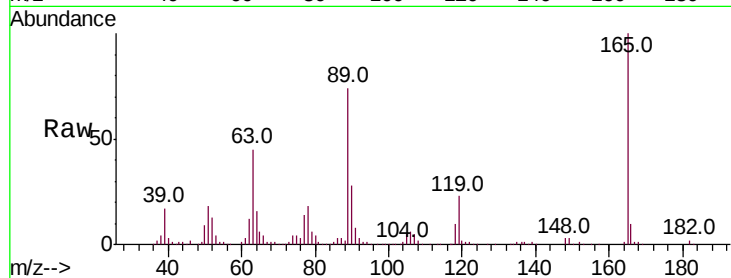




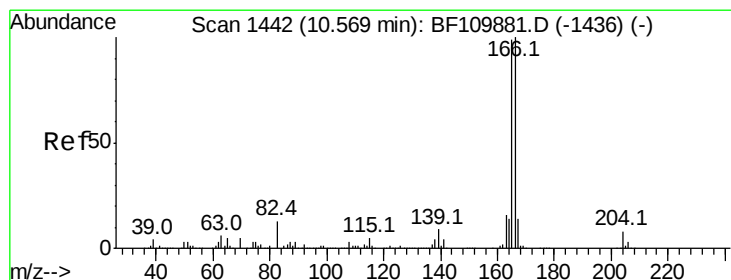
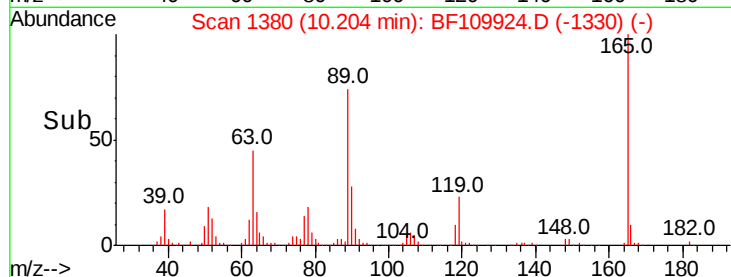
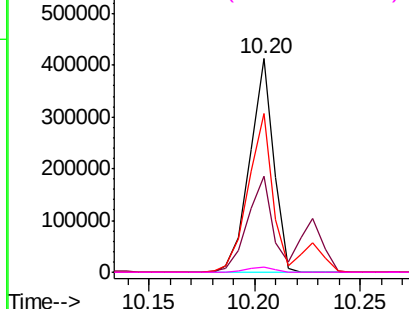
#57
2,4-Dinitrotoluene
Concen: 39.454 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 325633
Ion Ratio Lower Upper
165 100
63 45.0 44.8 67.2
89 74.4 62.2 93.4
182 2.4 2.1 3.1

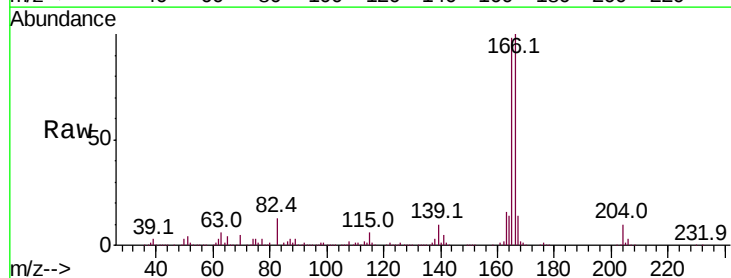


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

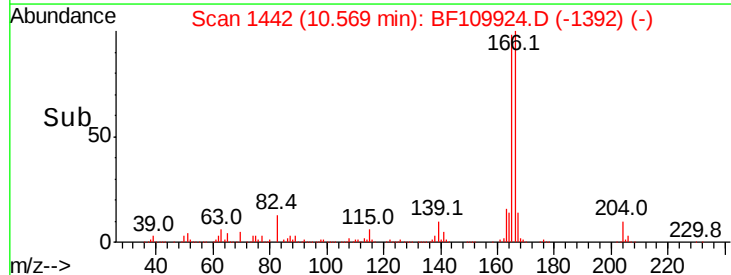
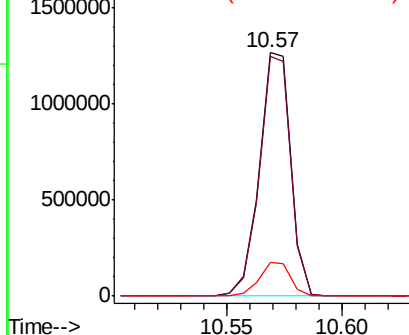


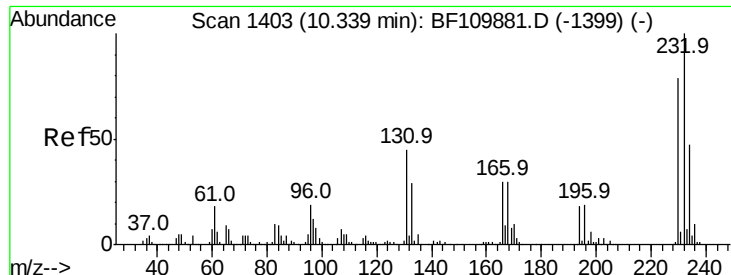
#58
Fluorene
Concen: 38.312 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:166 Resp: 1200302
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 14.0 10.8 16.2



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

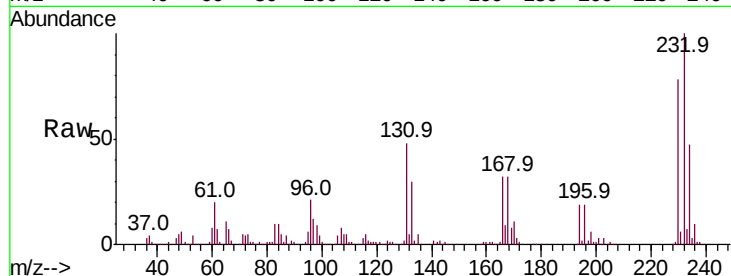




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.522 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.0	55.4
130	2.1	1.8	2.6
166	31.4	22.0	33.0



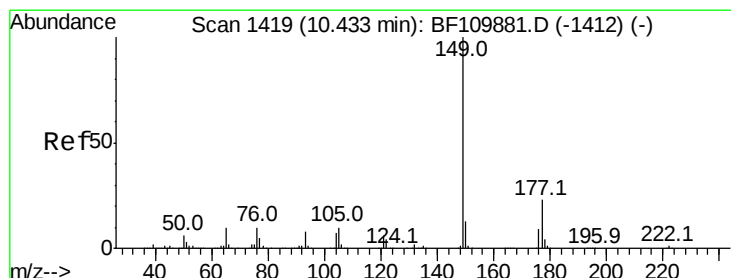
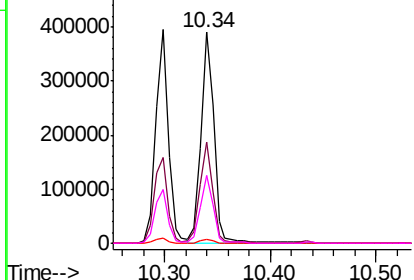
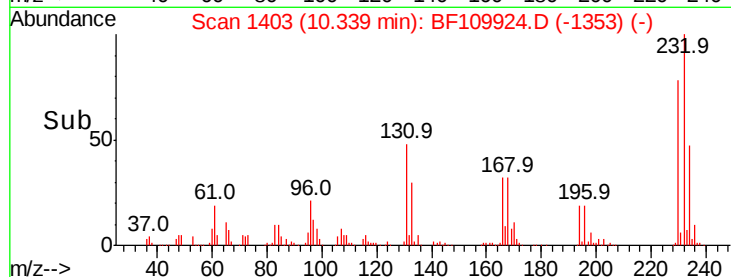
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

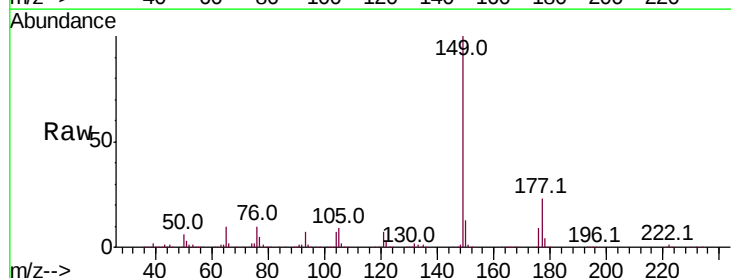
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.224 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.9	9.8	14.8

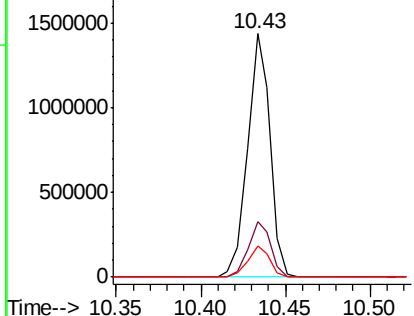
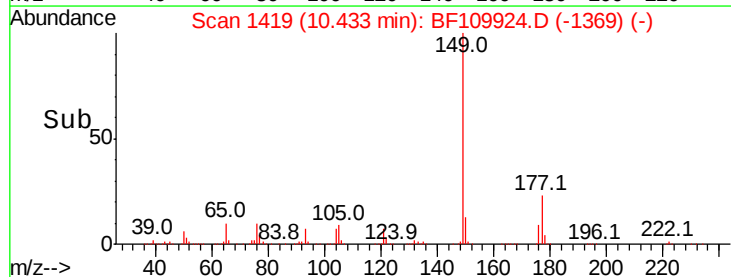


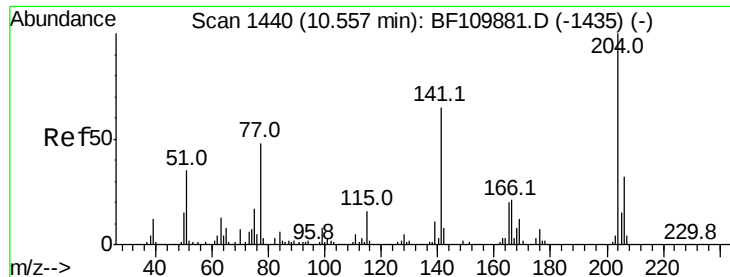
Abundance

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

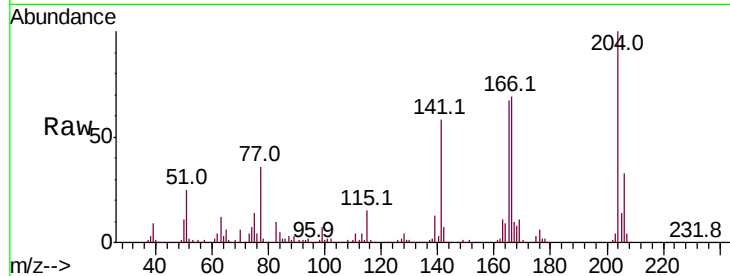




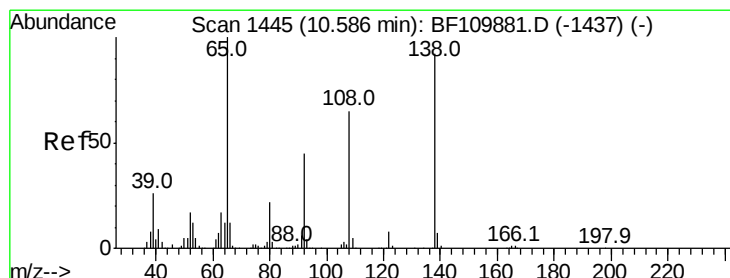
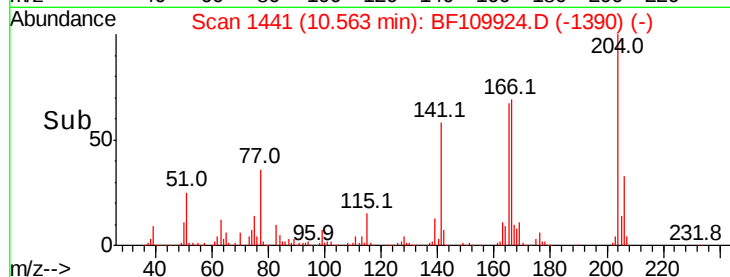
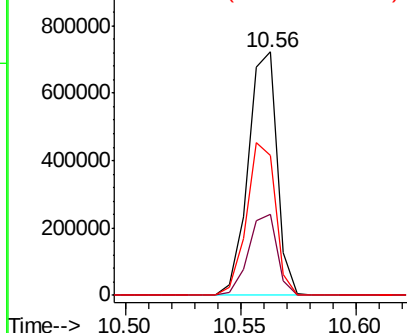
#61
4-Chlorophenyl-phenylether
Concen: 38.902 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 634872
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 57.5 51.8 77.8

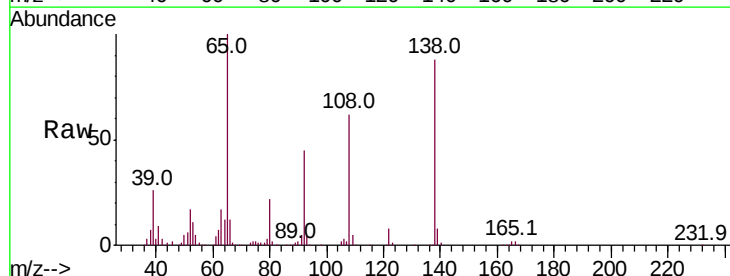


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

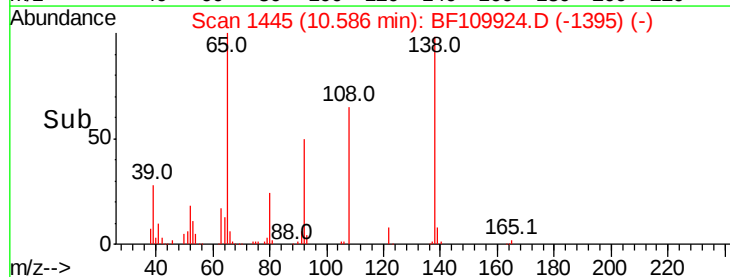
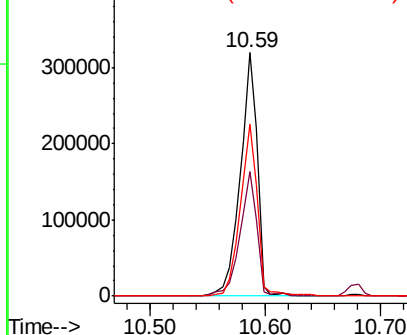


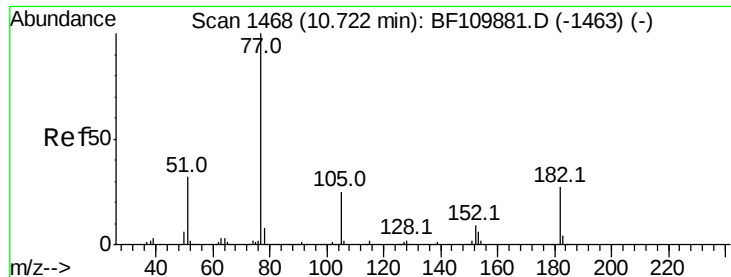
#62
4-Nitroaniline
Concen: 42.537 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:138 Resp: 327511
Ion Ratio Lower Upper
138 100
92 51.0 31.7 71.7
108 70.6 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

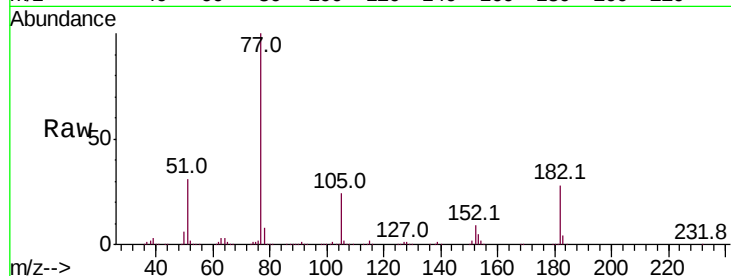




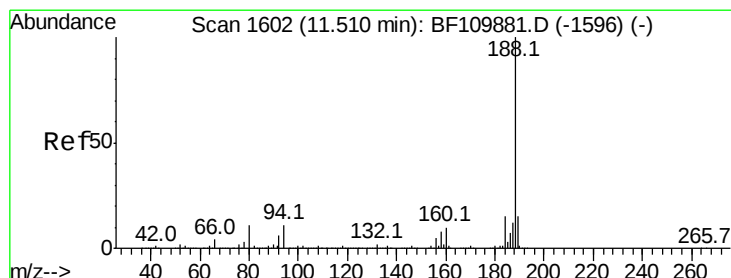
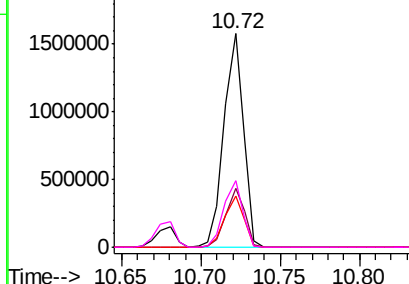
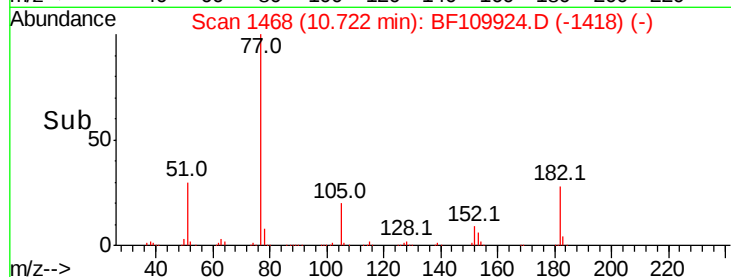
#63
Azobenzene
Concen: 37.099 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1347614
Ion Ratio Lower Upper
77 100
182 27.5 4.3 44.3
105 24.0 1.3 41.3
51 31.2 9.0 49.0

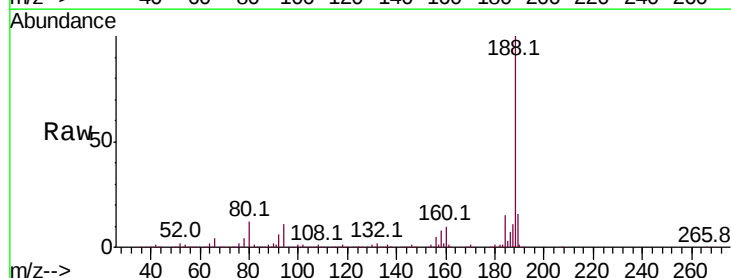


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

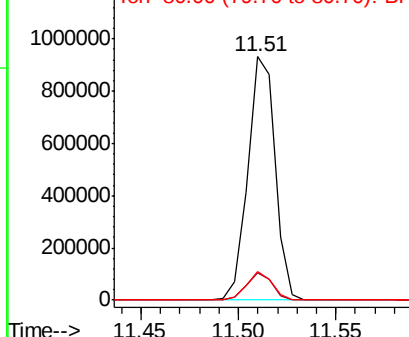
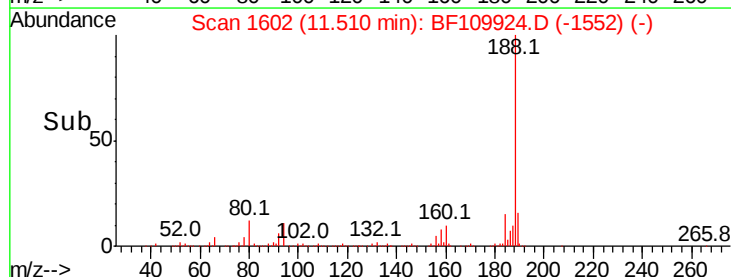


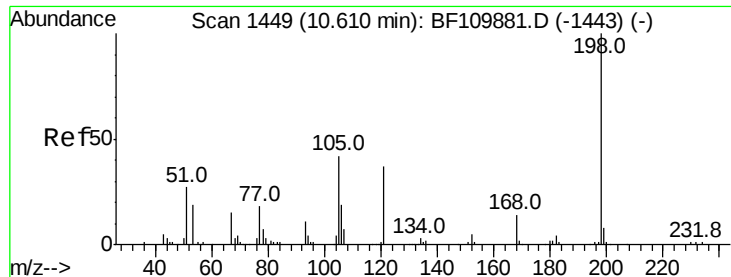
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion: 188 Resp: 901734
Ion Ratio Lower Upper
188 100
94 11.1 7.2 10.8#
80 11.8 7.9 11.9



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

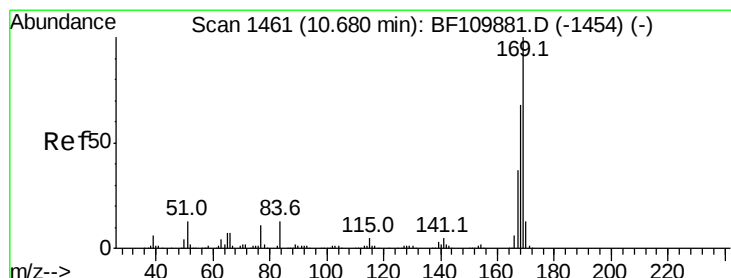
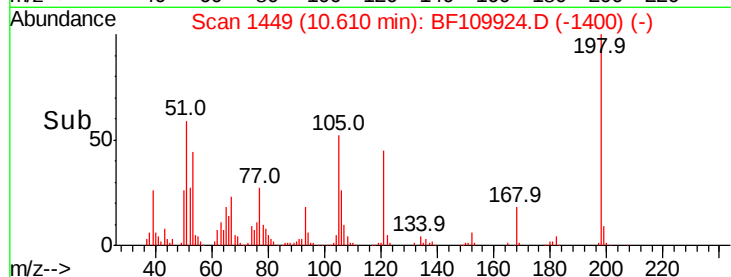
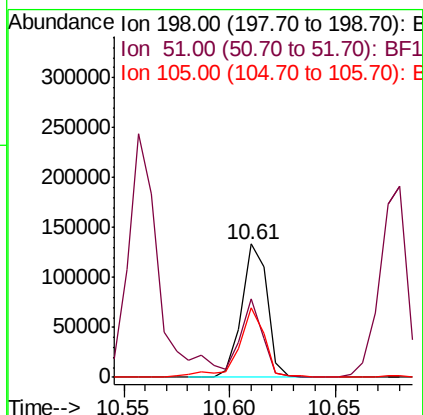
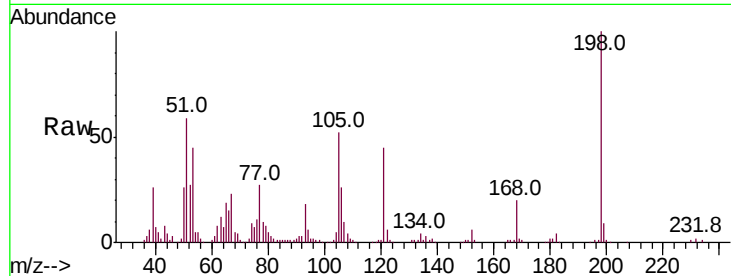




#65
4,6-Dinitro-2-methylphenol
Concen: 36.447 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

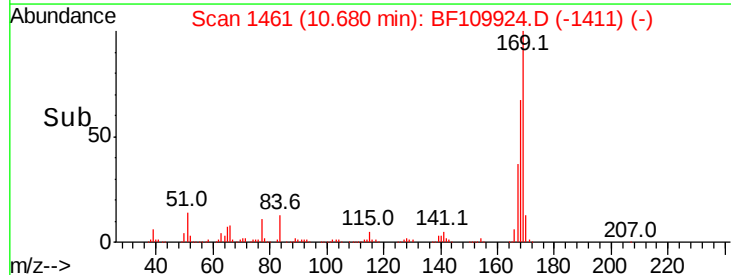
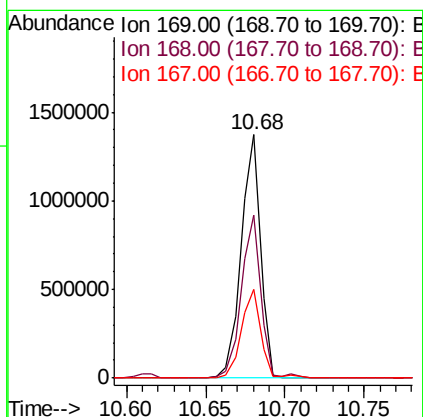
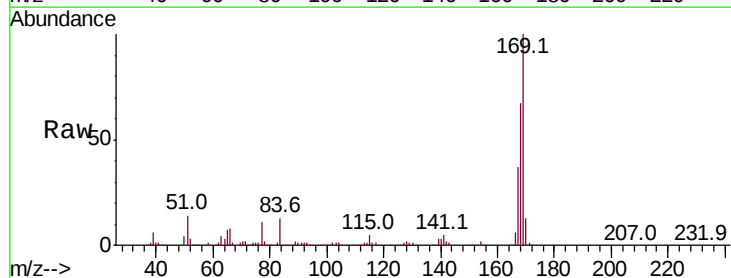
Instrument :
BNA_F
ClientSampled :

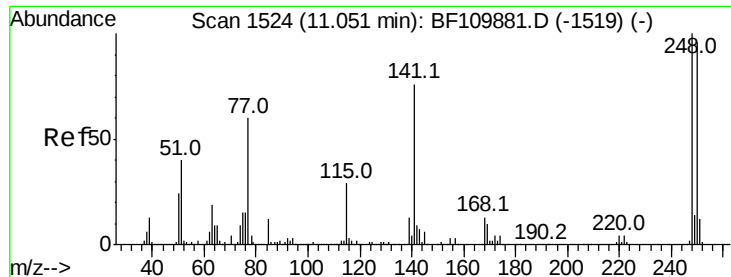
Tot Ion:198 Resp: 111622
Ion Ratio Lower Upper
198 100
51 59.3 22.8 62.8
105 52.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.580 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:169 Resp: 1158693
Ion Ratio Lower Upper
169 100
168 67.1 51.2 76.8
167 36.6 27.8 41.6

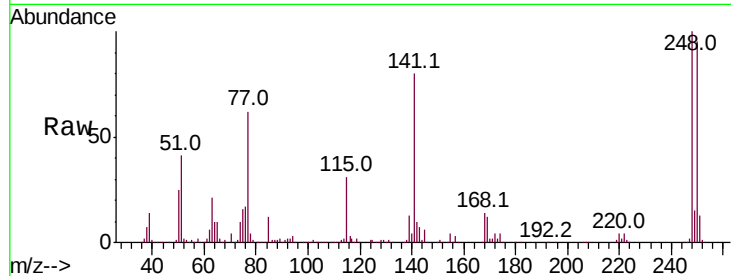




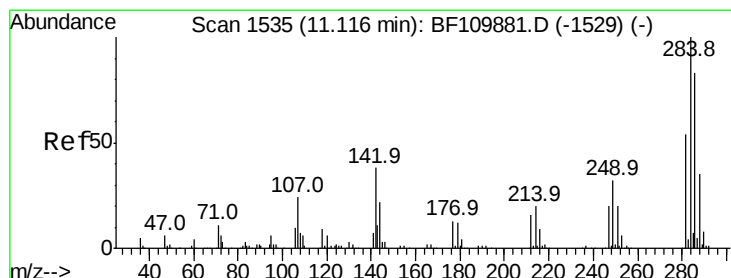
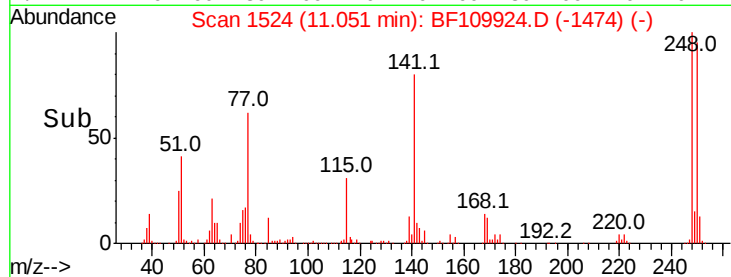
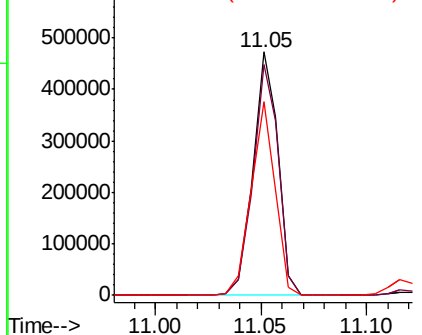
#67
 4-Bromophenyl-phenylether
 Concen: 39.815 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 389090
 Ion Ratio Lower Upper
 248 100
 250 94.9 79.4 119.2
 141 79.5 55.9 83.9

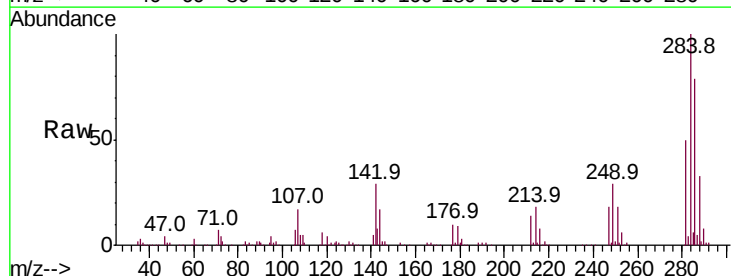


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

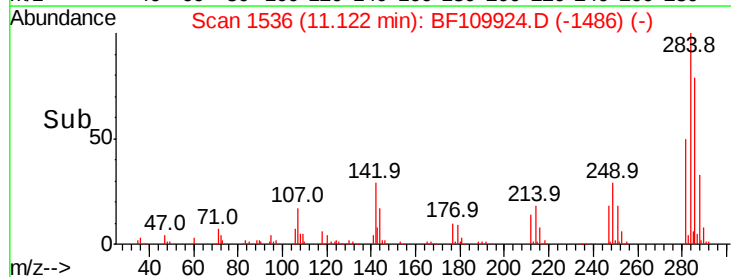
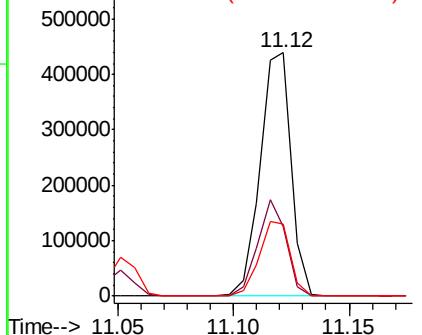


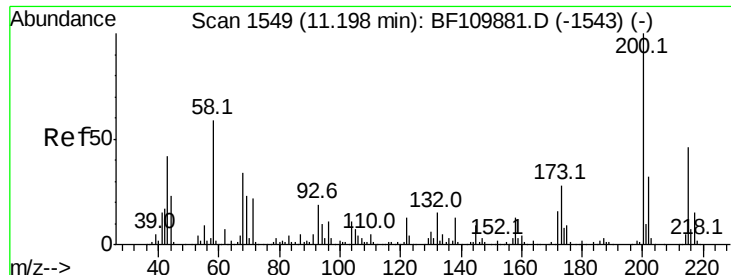
#68
 Hexachlorobenzene
 Concen: 39.349 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:284 Resp: 410062
 Ion Ratio Lower Upper
 284 100
 142 28.7 23.9 35.9
 249 29.4 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

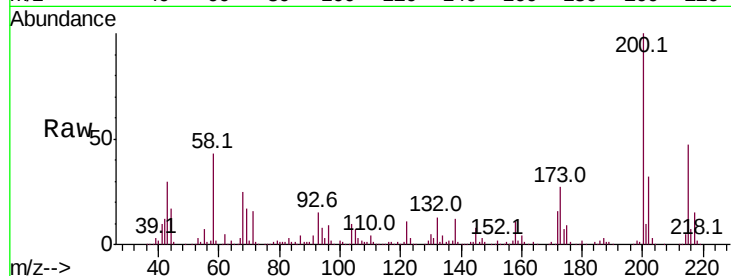




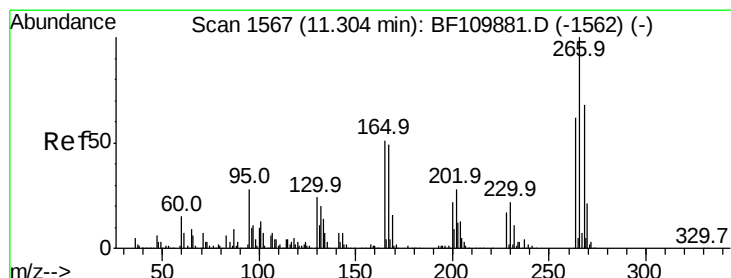
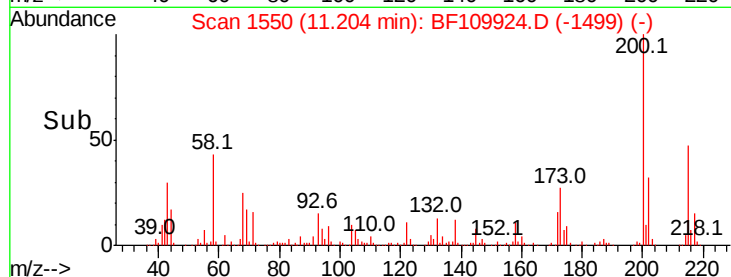
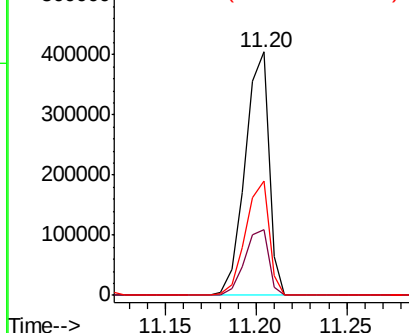
#69
Atrazine
Concen: 39.455 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 370142
Ion Ratio Lower Upper
200 100
173 26.8 6.6 46.6
215 46.8 26.3 66.3

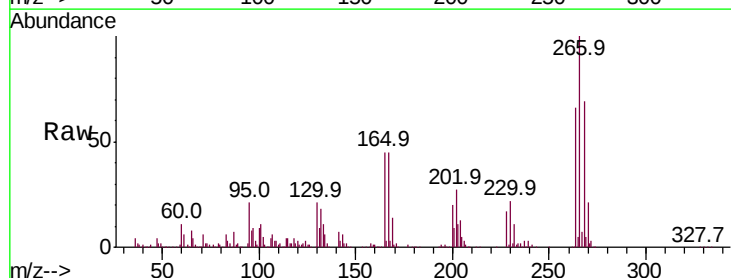


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

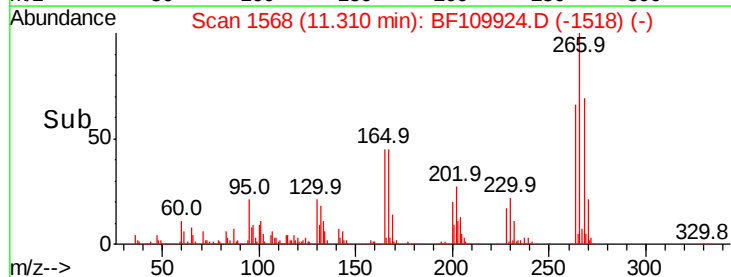
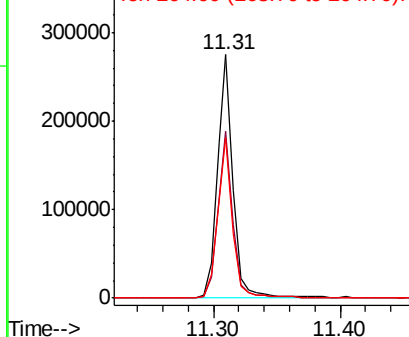


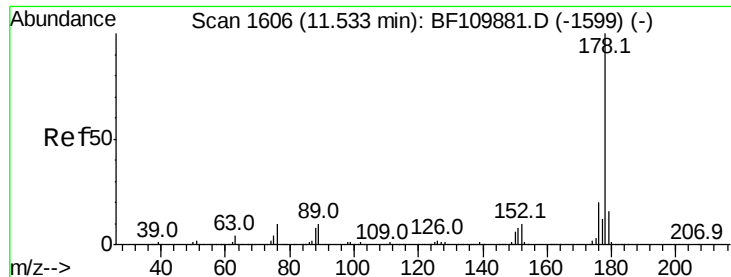
#70
Pentachlorophenol
Concen: 40.172 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:266 Resp: 238244
Ion Ratio Lower Upper
266 100
268 68.7 50.6 75.8
264 66.1 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: 38.193 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampled :

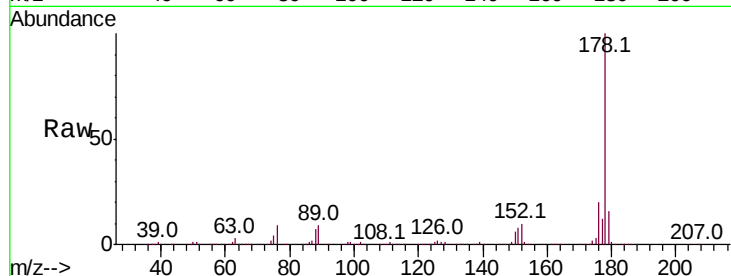
Tot Ion:178 Resp: 1782960

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

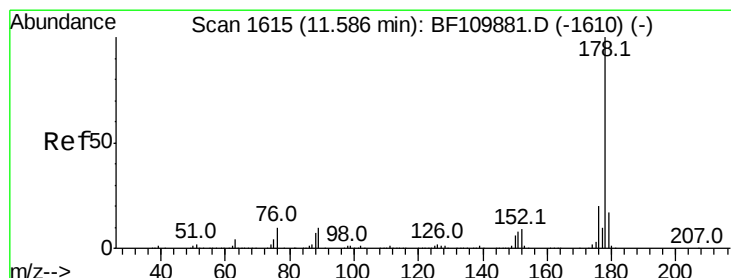
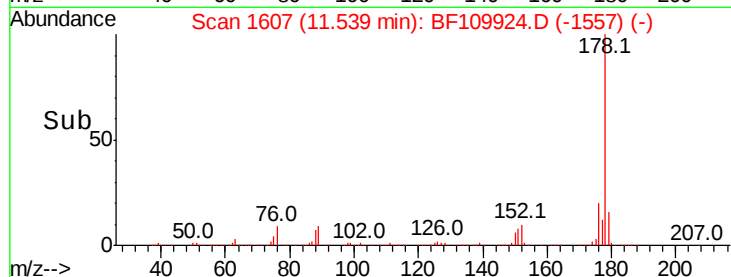
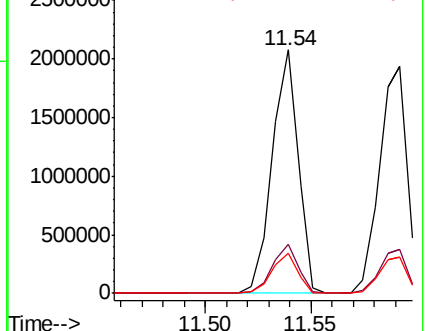
179 16.3 12.5 18.7



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: 38.031 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

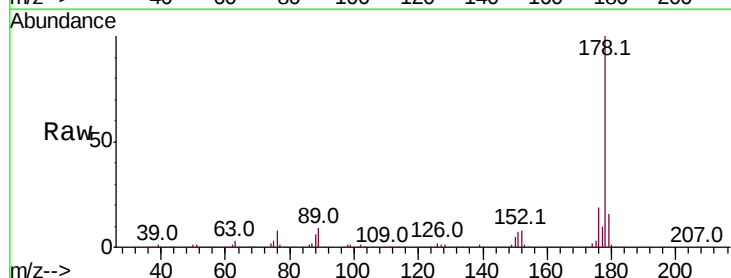
Tgt Ion:178 Resp: 1784942

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

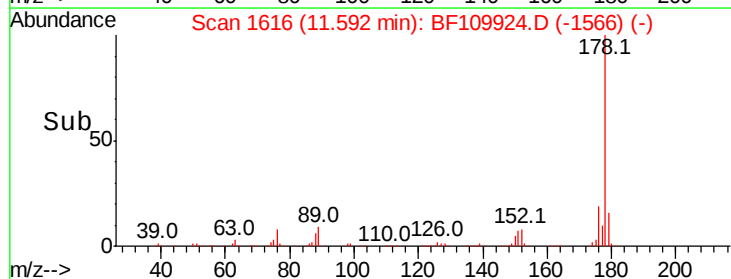
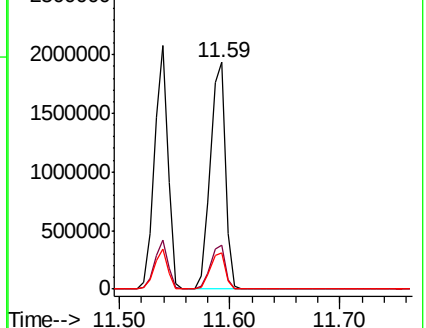
179 16.1 12.6 18.8

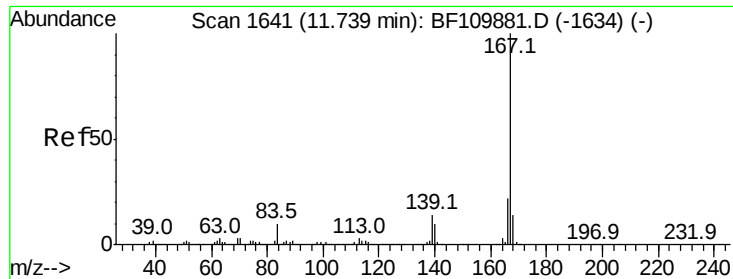


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



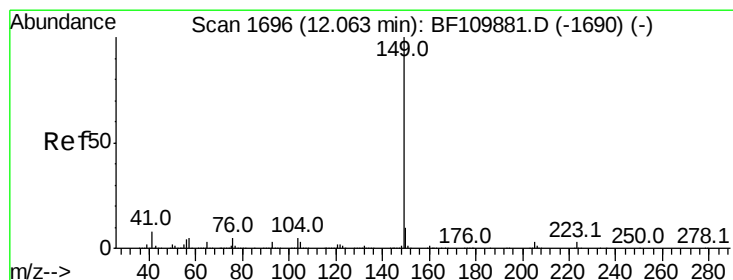
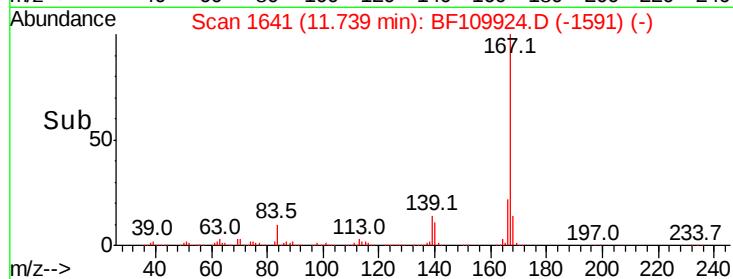
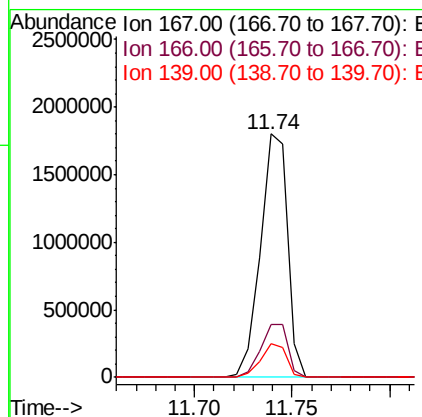
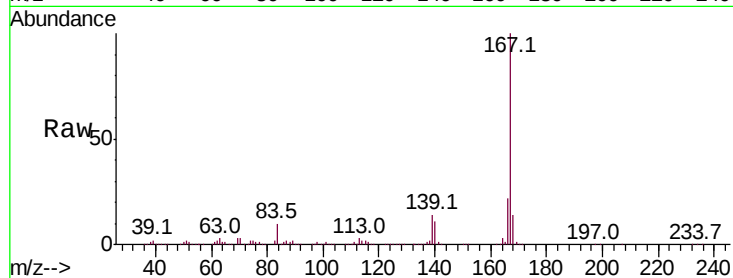


#73
 Carbazole
 Concen: 37.511 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1730213

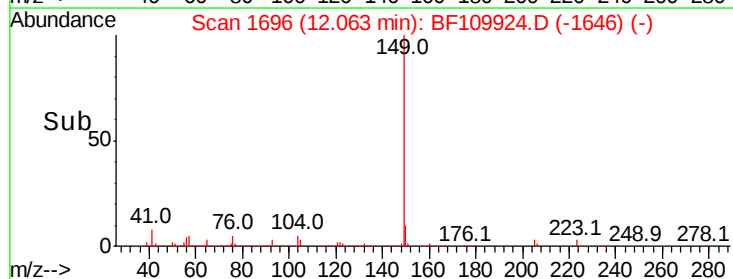
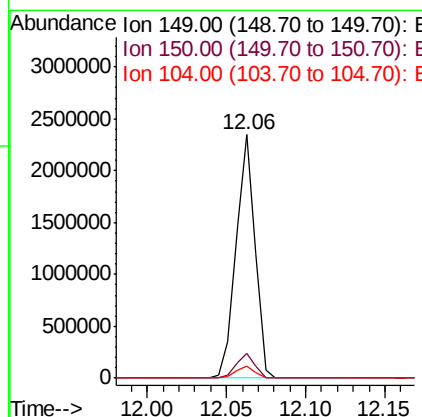
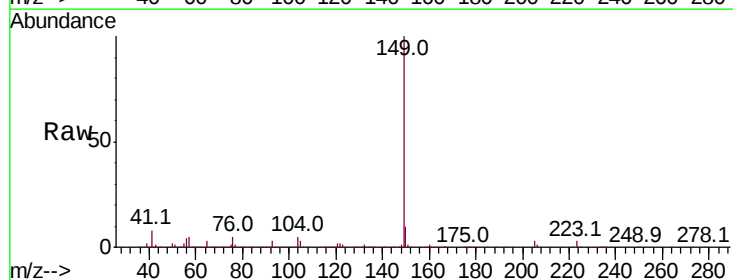
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.8	10.9	16.3

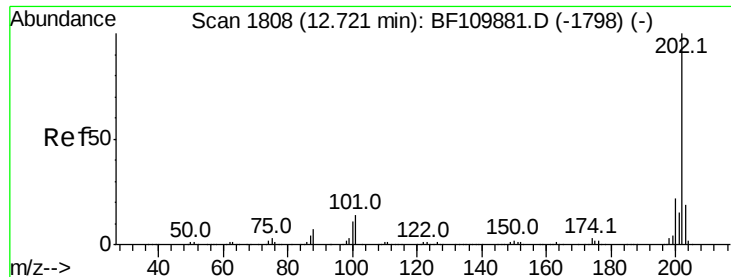


#74
 Di-n-butylphthalate
 Concen: 37.617 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:149 Resp: 1936447

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	4.2	6.4

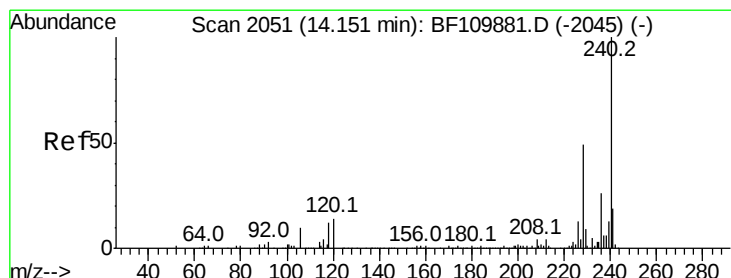
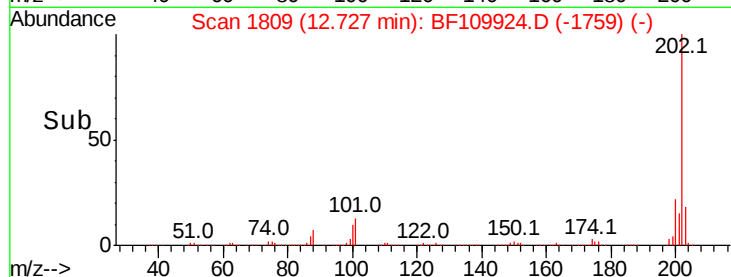
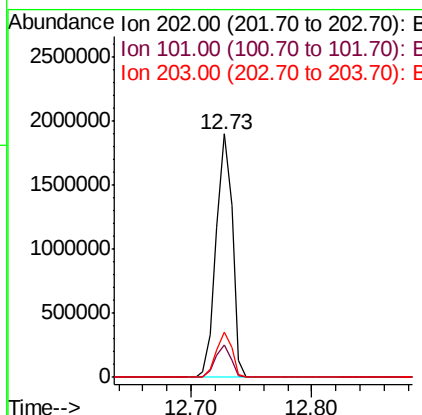
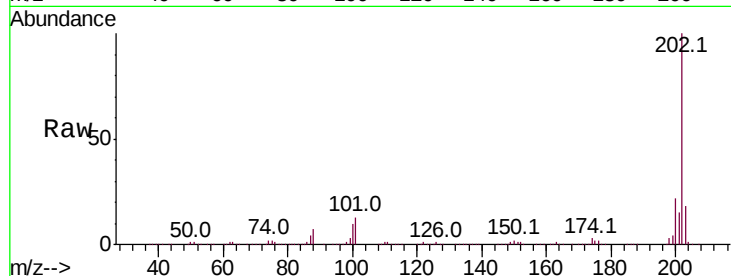




#75
 Fluoranthene
 Concen: 37.371 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

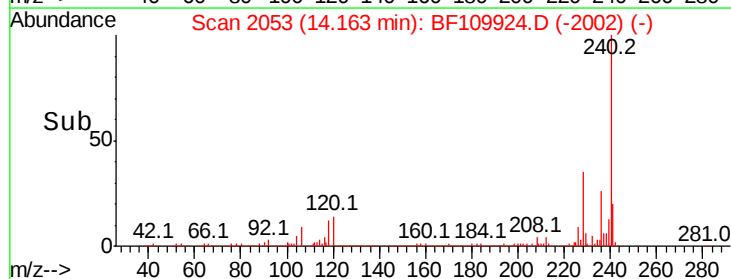
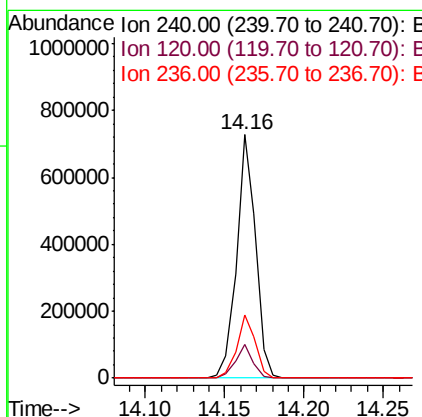
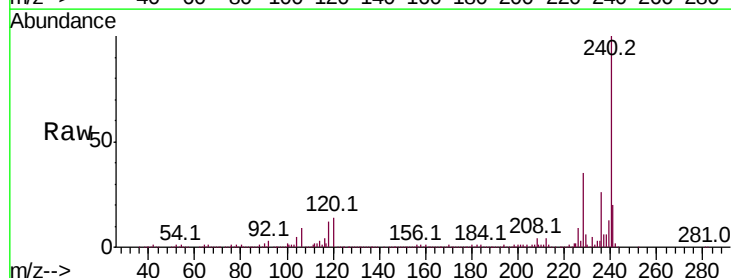
Instrument :
 BNA_F
 ClientSampled :

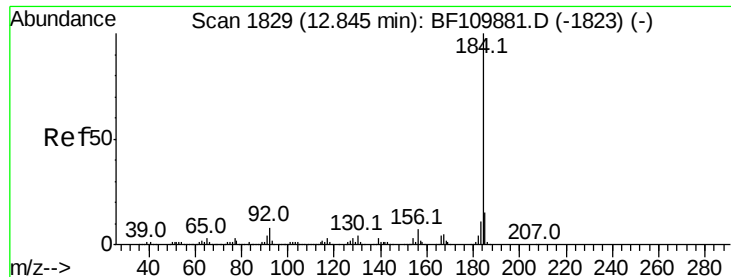
Tot Ion:202 Resp: 1742826
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 31.4
 203 18.4 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:240 Resp: 600876
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 25.8 21.2 31.8





#77

Benzidine

Concen: 39.118 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

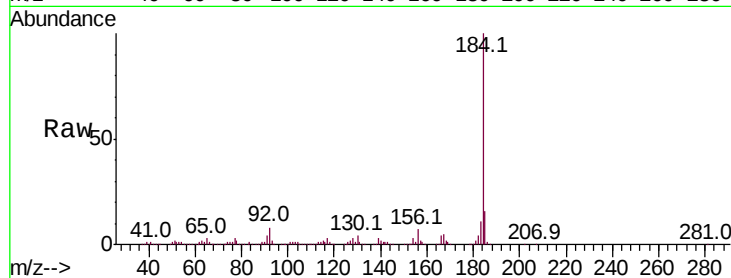
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 901208

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.4	20.2
183	11.5	9.4	14.2

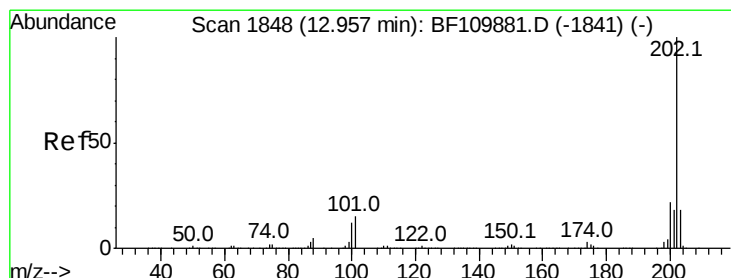
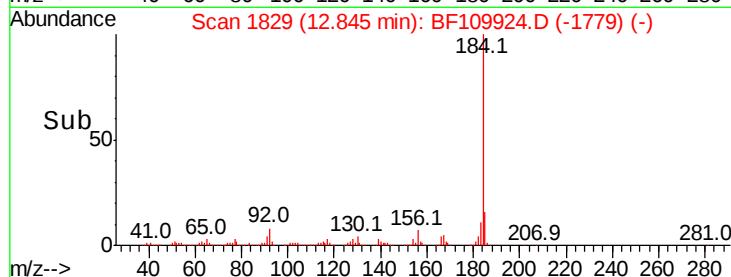
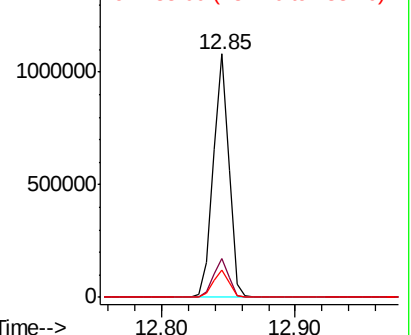


Abundance

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: 40.132 ng

RT: 12.96 min Scan# 1849

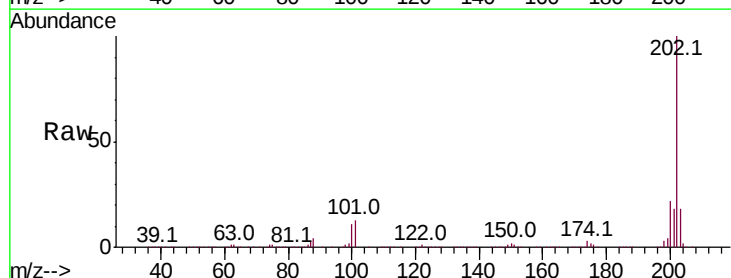
Delta R.T. -0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Tgt Ion:202 Resp: 1771116

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.2	14.2	21.4

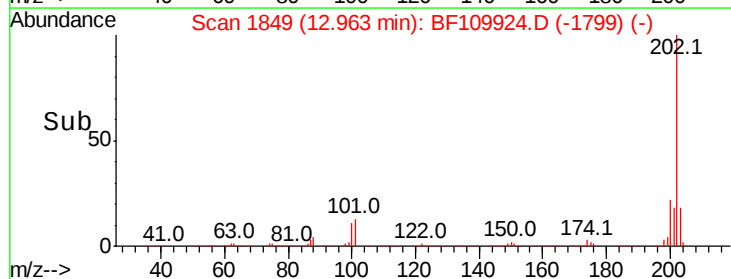
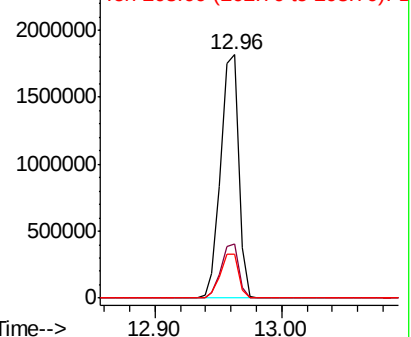


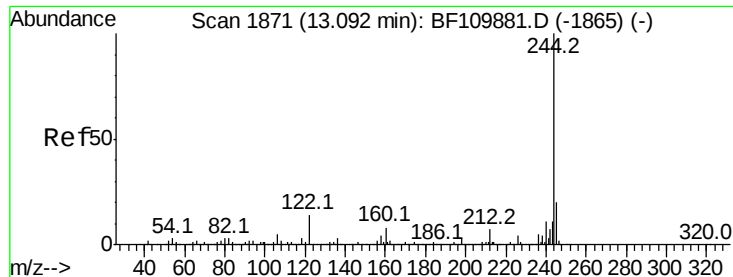
Abundance

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

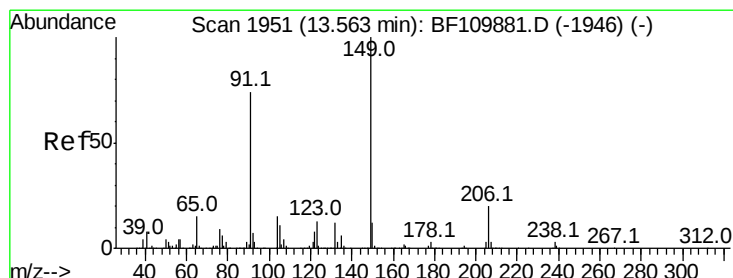
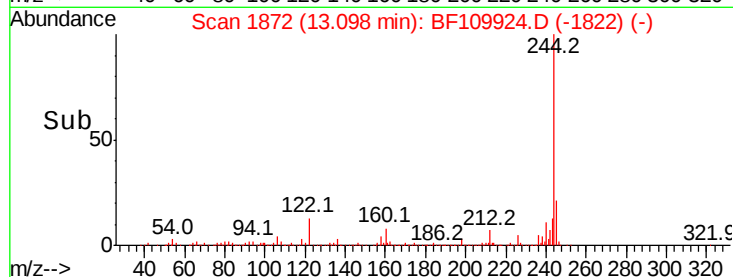
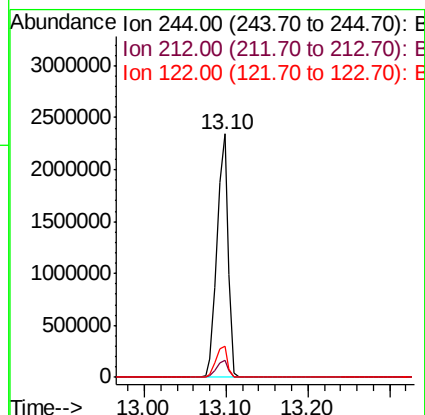
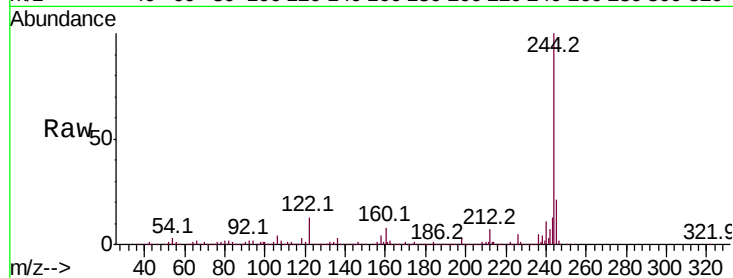




#79
 Terphenyl-d14
 Concen: 78.099 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

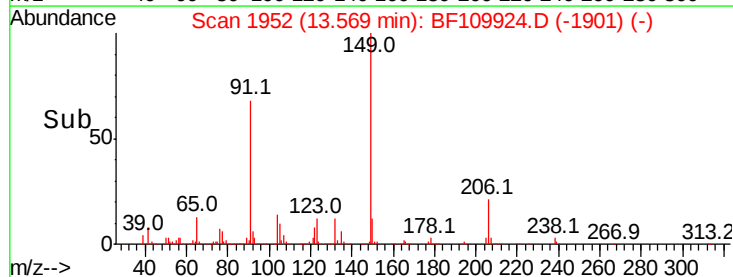
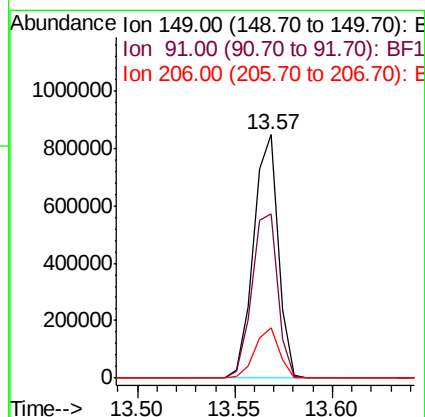
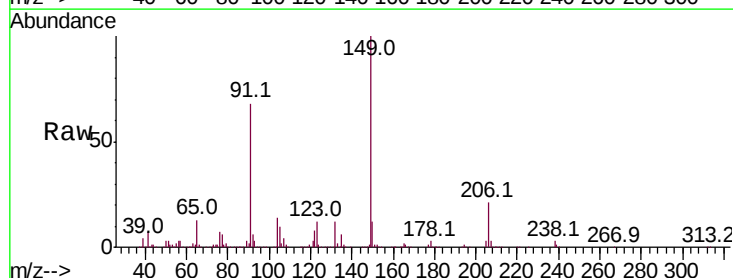
Instrument :
 BNA_F
 ClientSampleId :

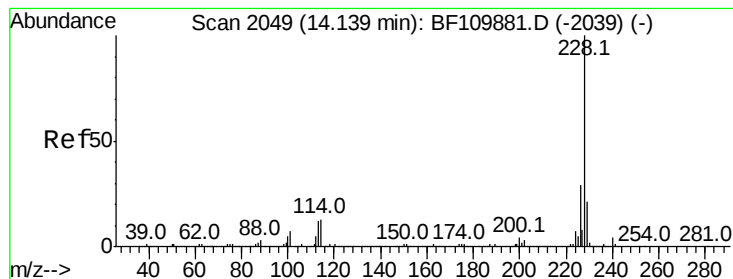
Tot Ion:244 Resp: 2234729
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.9 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 41.640 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BF109924.D
 Acq: 17 Oct 2018 17:09

Tgt Ion:149 Resp: 742952
 Ion Ratio Lower Upper
 149 100
 91 67.6 57.2 85.8
 206 20.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.826 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

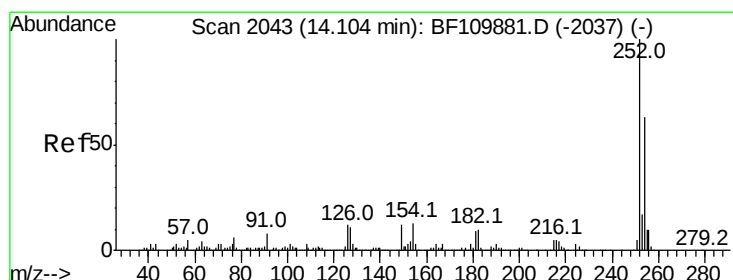
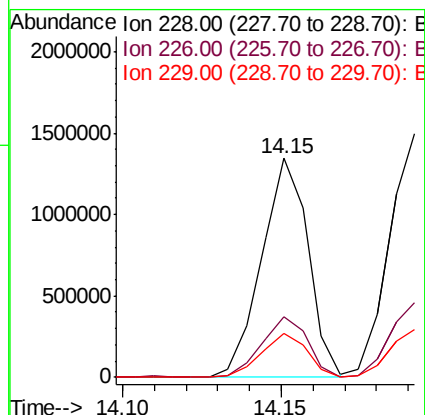
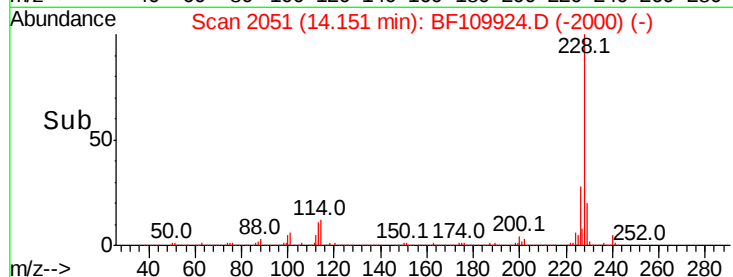
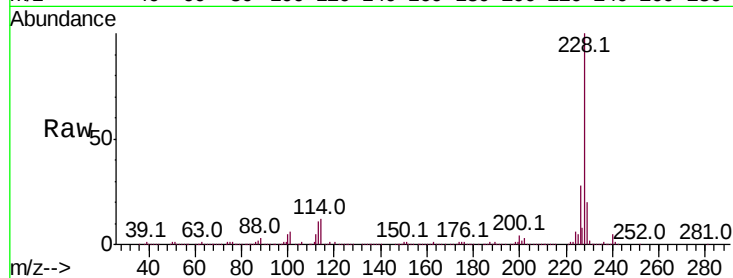
Tot Ion:228 Resp: 1374174

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.858 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

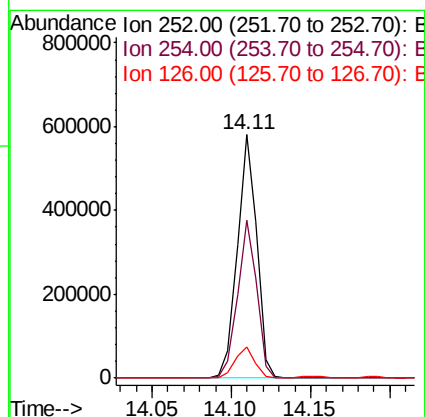
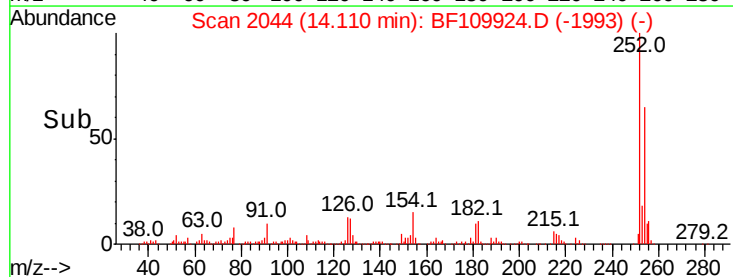
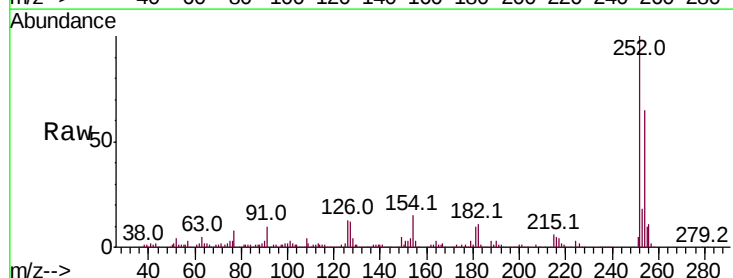
Tgt Ion:252 Resp: 494567

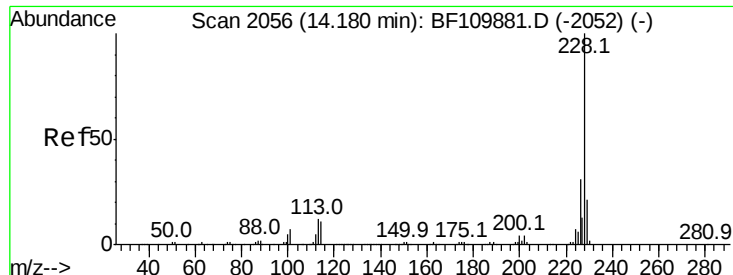
Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 13.0 9.4 14.2





#83

Chrysene

Concen: 38.450 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

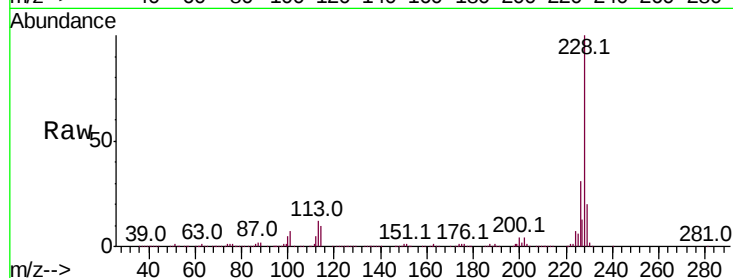
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1295333

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.8	15.9	23.9

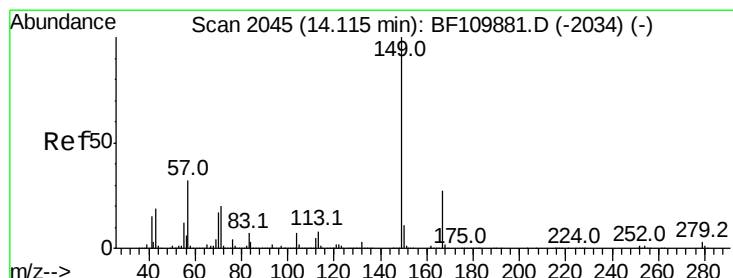
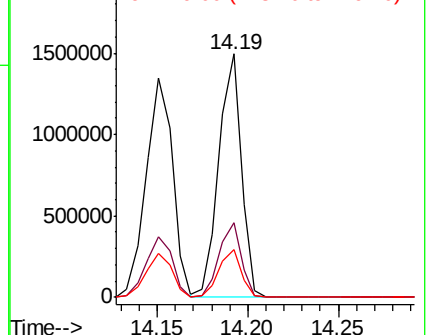
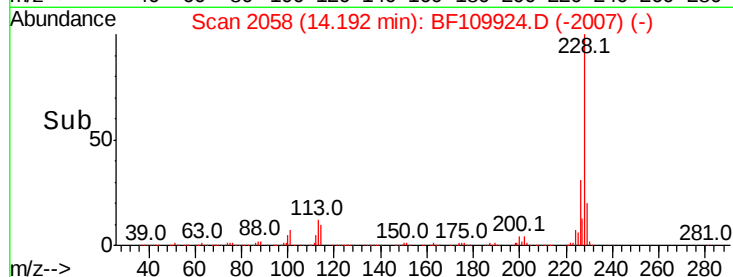


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.216 ng

RT: 14.13 min Scan# 2047

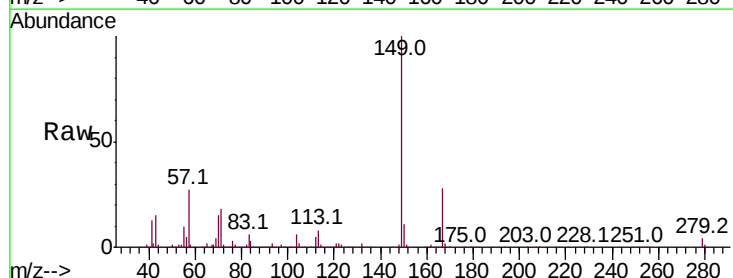
Delta R.T. -0.00 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Tgt Ion:149 Resp: 944174

Ion	Ratio	Lower	Upper
149	100		
167	27.7	19.8	29.8
279	4.1	2.7	4.1#

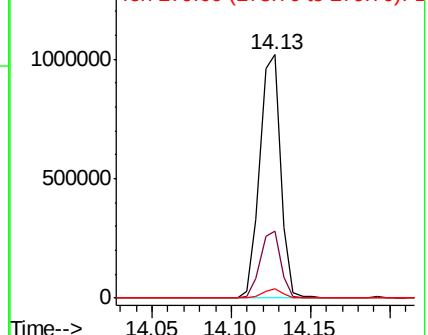
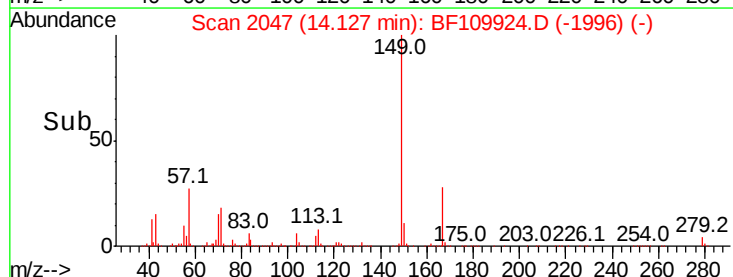


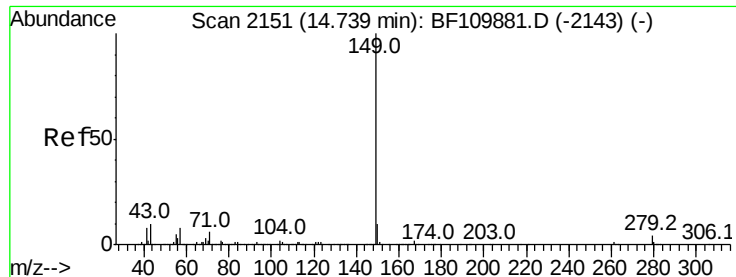
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.916 ng

RT: 14.76 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Instrument :

BNA_F

ClientSampleId :

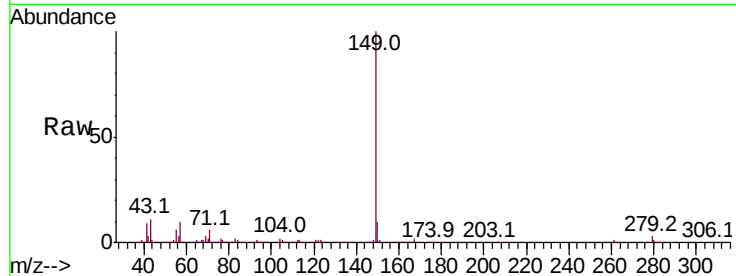
Tot Ion:149 Resp: 1387383

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

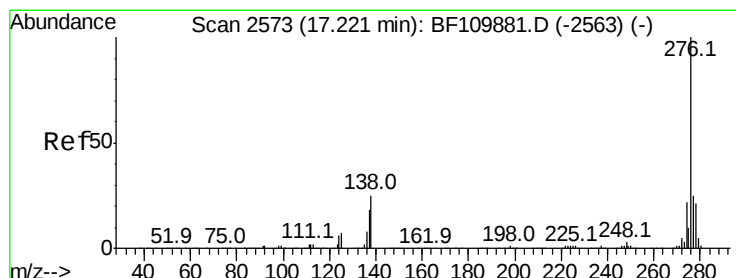
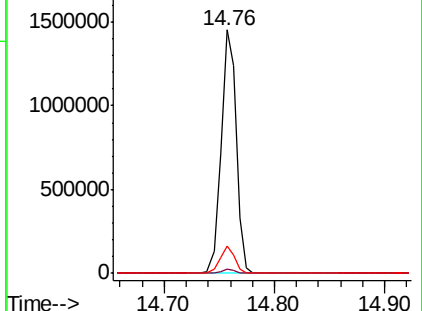
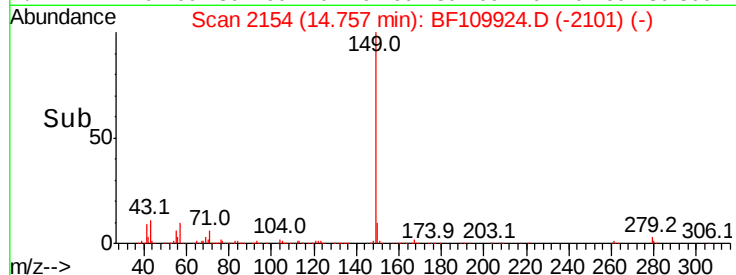
43 10.5 7.8 11.8



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: 41.712 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

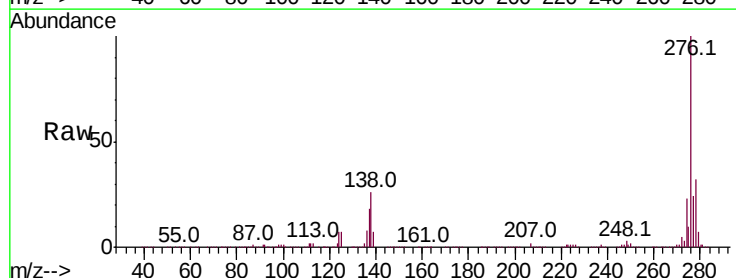
Tgt Ion:276 Resp: 1131437

Ion Ratio Lower Upper

276 100

138 29.0 18.5 27.7#

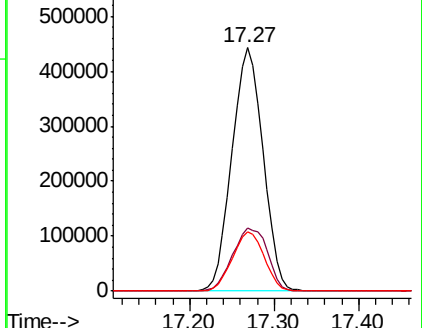
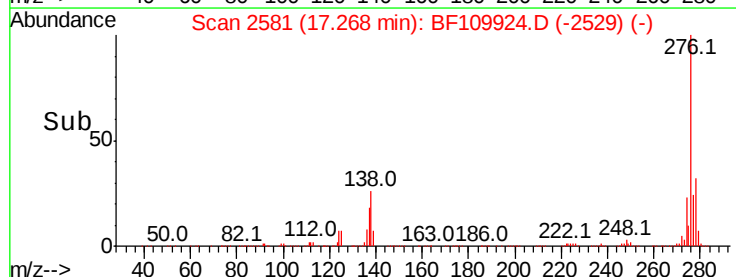
277 25.0 20.0 30.0

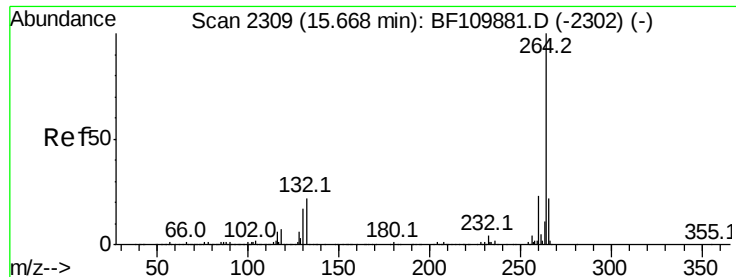


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



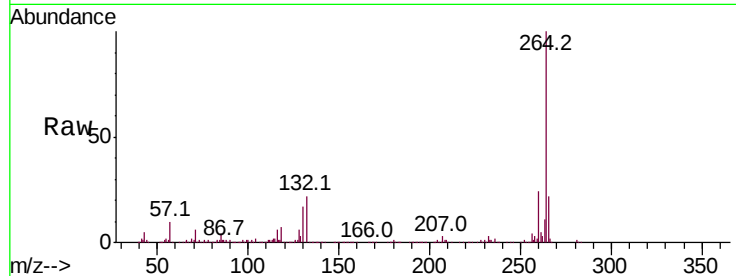


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

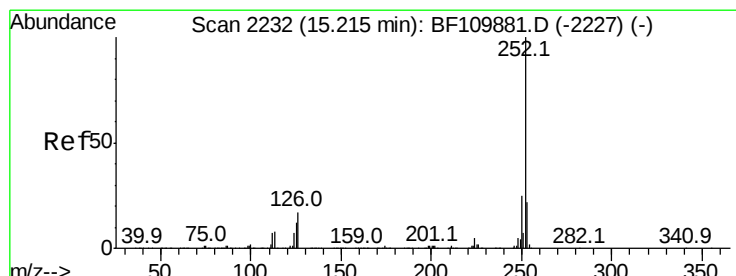
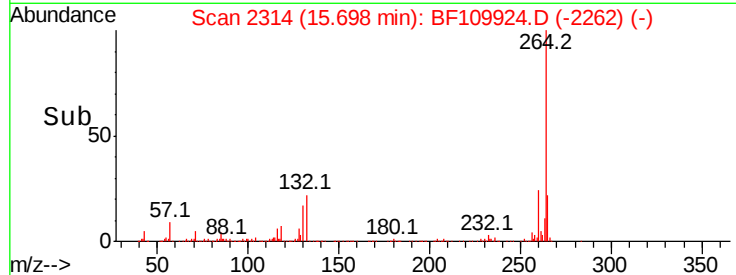
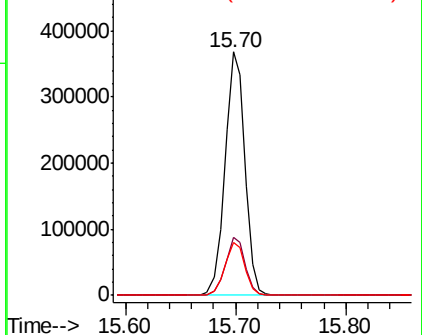
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 462925

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	16.7	25.1



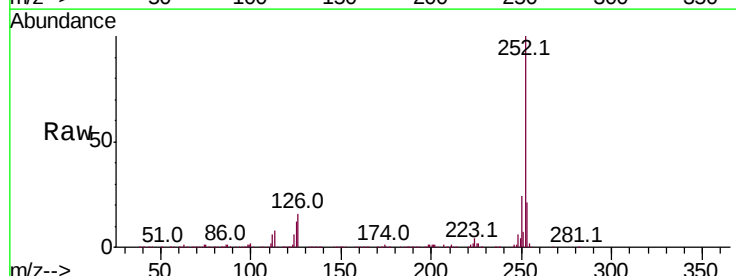
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



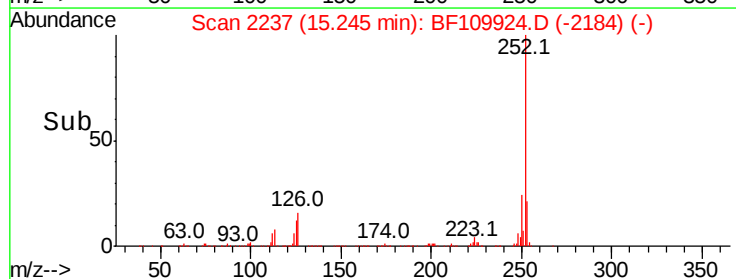
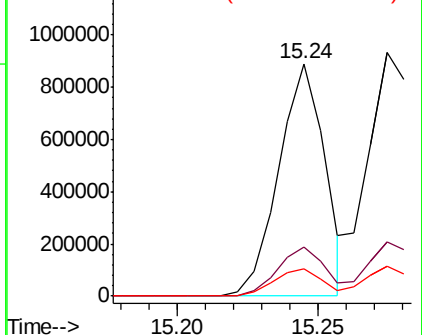
#88
Benzo(b)fluoranthene
Concen: 37.820 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

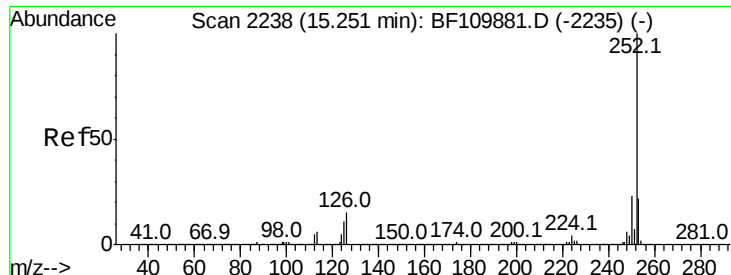
Tgt Ion:252 Resp: 1009363

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	11.8	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

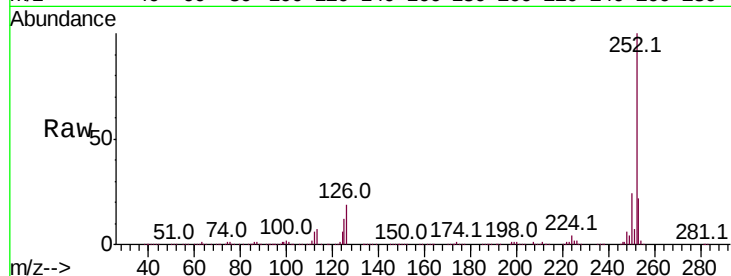




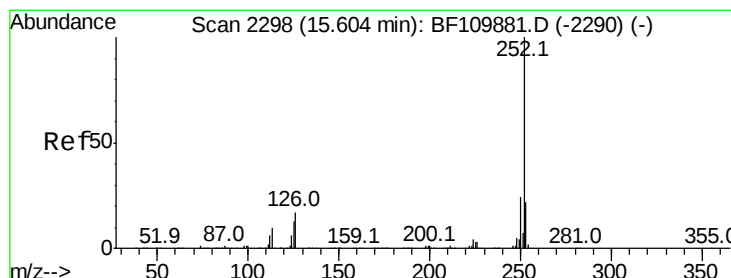
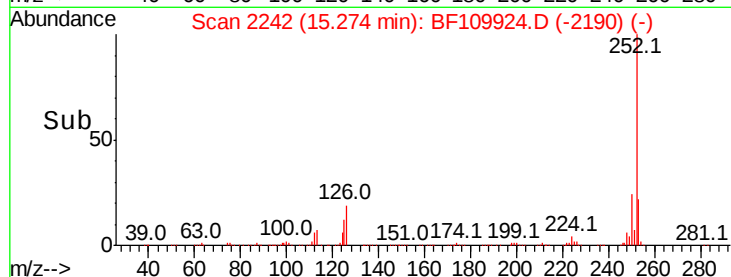
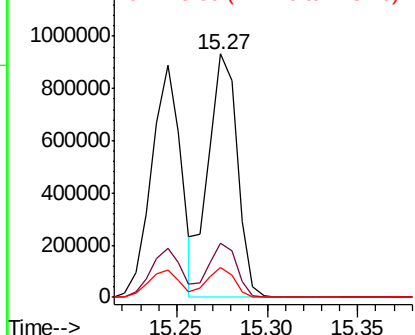
#89
Benzo(k)fluoranthene
Concen: 39.422 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1037036
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.1 7.4 11.0#

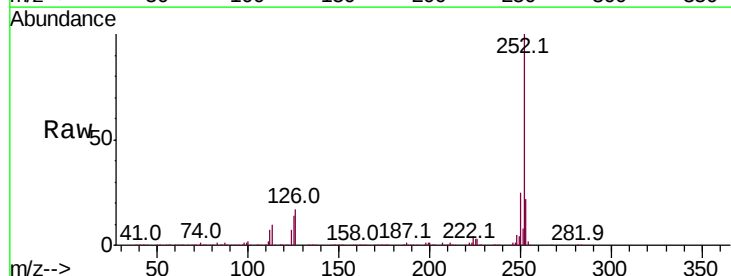


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

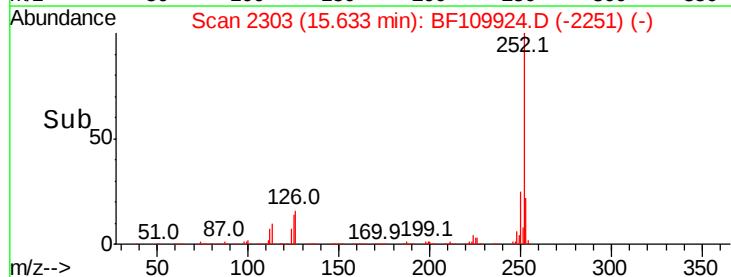
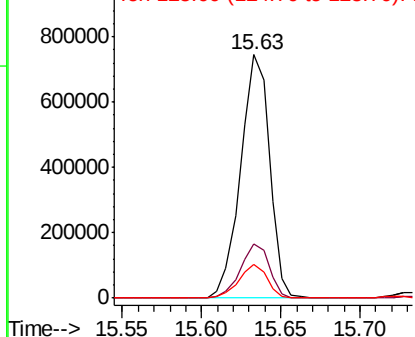


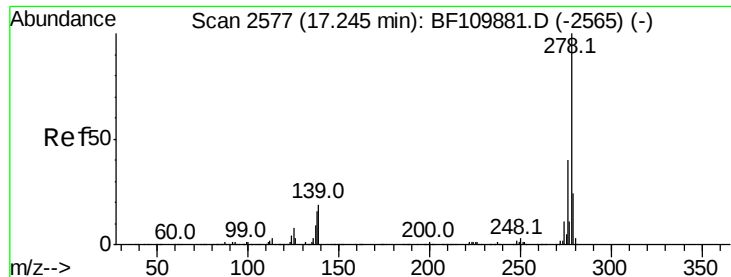
#90
Benzo(a)pyrene
Concen: 38.641 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF109924.D
Acq: 17 Oct 2018 17:09

Tgt Ion:252 Resp: 948472
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 13.7 9.0 13.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 43.354 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

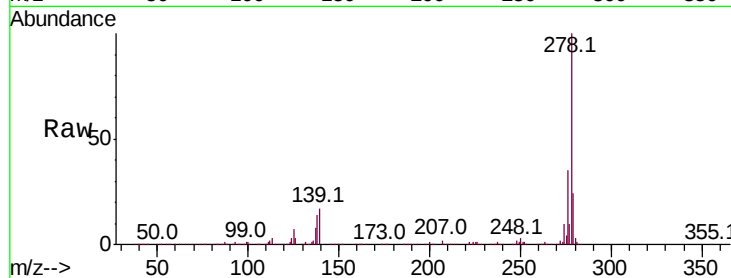
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 943089

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.7	19.1
279	23.7	19.0	28.4

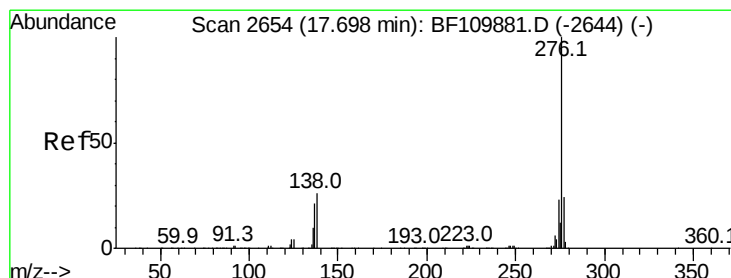
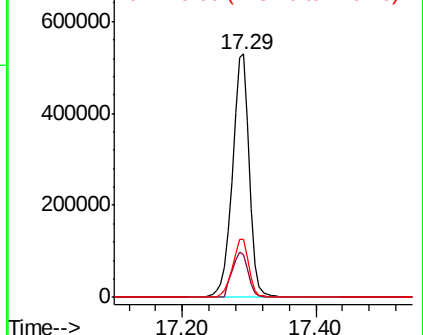
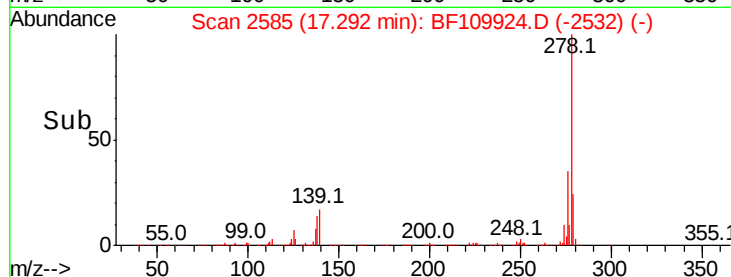


Abundance

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: 43.707 ng

RT: 17.74 min Scan# 2662

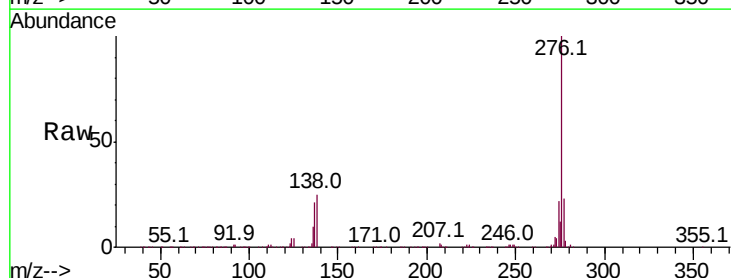
Delta R.T. 0.01 min

Lab File: BF109924.D

Acq: 17 Oct 2018 17:09

Tgt Ion:276 Resp: 960628

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	25.0	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

