

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109951.D
 Acq On : 18 Oct 2018 10:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:20:35 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	227244	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	936420	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	435946	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	805129	20.00	ng	0.00
76) Chrysene-d12	14.16	240	535318	20.00	ng	0.00
87) Perylene-d12	15.68	264	415922	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1103471	76.97	ng	0.00
7) Phenol-d6	6.60	99	1389983	78.08	ng	0.00
23) Nitrobenzene-d5	7.55	82	1221948	87.90	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	335642	88.93	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2101929	76.94	ng	0.00
79) Terphenyl-d14	13.10	244	2035113	79.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.85	88	300509	36.907	ng	93
3) Pyridine	3.62	79	694500	38.258	ng	91
4) n-Nitrosodimethylamine	3.59	42	273980	36.999	ng	98
6) Aniline	6.64	93	925009	38.559	ng	# 53
8) 2-Chlorophenol	6.76	128	635232	39.558	ng	99
9) Benzaldehyde	6.53	77	434958	37.599	ng	95
10) Phenol	6.61	94	748538	38.947	ng	# 61
11) bis(2-Chloroethyl)ether	6.71	93	605756	37.695	ng	93
12) 1,3-Dichlorobenzene	6.92	146	686922	39.011	ng	96
13) 1,4-Dichlorobenzene	7.00	146	689951	38.906	ng	99
14) 1,2-Dichlorobenzene	7.15	146	640242	39.206	ng	98
15) Benzyl Alcohol	7.12	79	537541	39.250	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	948650	35.966	ng	68
17) 2-Methylphenol	7.22	107	500182	38.627	ng	# 81
18) Hexachloroethane	7.49	117	251017	40.054	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	423086	37.016	ng	96
20) 3+4-Methylphenols	7.37	107	639241	38.902	ng	94
22) Acetophenone	7.39	105	820354	37.776	ng	98
24) Nitrobenzene	7.56	77	632300	41.871	ng	91
25) Isophorone	7.80	82	1023987	37.490	ng	96
26) 2-Nitrophenol	7.87	139	323310	51.637	ng	92
27) 2,4-Dimethylphenol	7.90	122	516390	39.250	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	693224	36.981	ng	98
29) 2,4-Dichlorophenol	8.11	162	518863	40.655	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	565346	39.562	ng	96
31) Naphthalene	8.29	128	1650550	38.438	ng	99
32) Benzoic acid	8.00	122	241693	29.485	ng	93
33) 4-Chloroaniline	8.33	127	752376	38.977	ng	99
34) Hexachlorobutadiene	8.40	225	311365	39.513	ng	98
35) Caprolactam	8.70	113	171841	37.912	ng	# 90
36) 4-Chloro-3-methylphenol	8.80	107	532768	39.570	ng	90
37) 2-Methylnaphthalene	8.97	142	1082914	38.946	ng	99
38) 1-Methylnaphthalene	9.07	142	1042990	38.710	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	531756	39.602	ng	99

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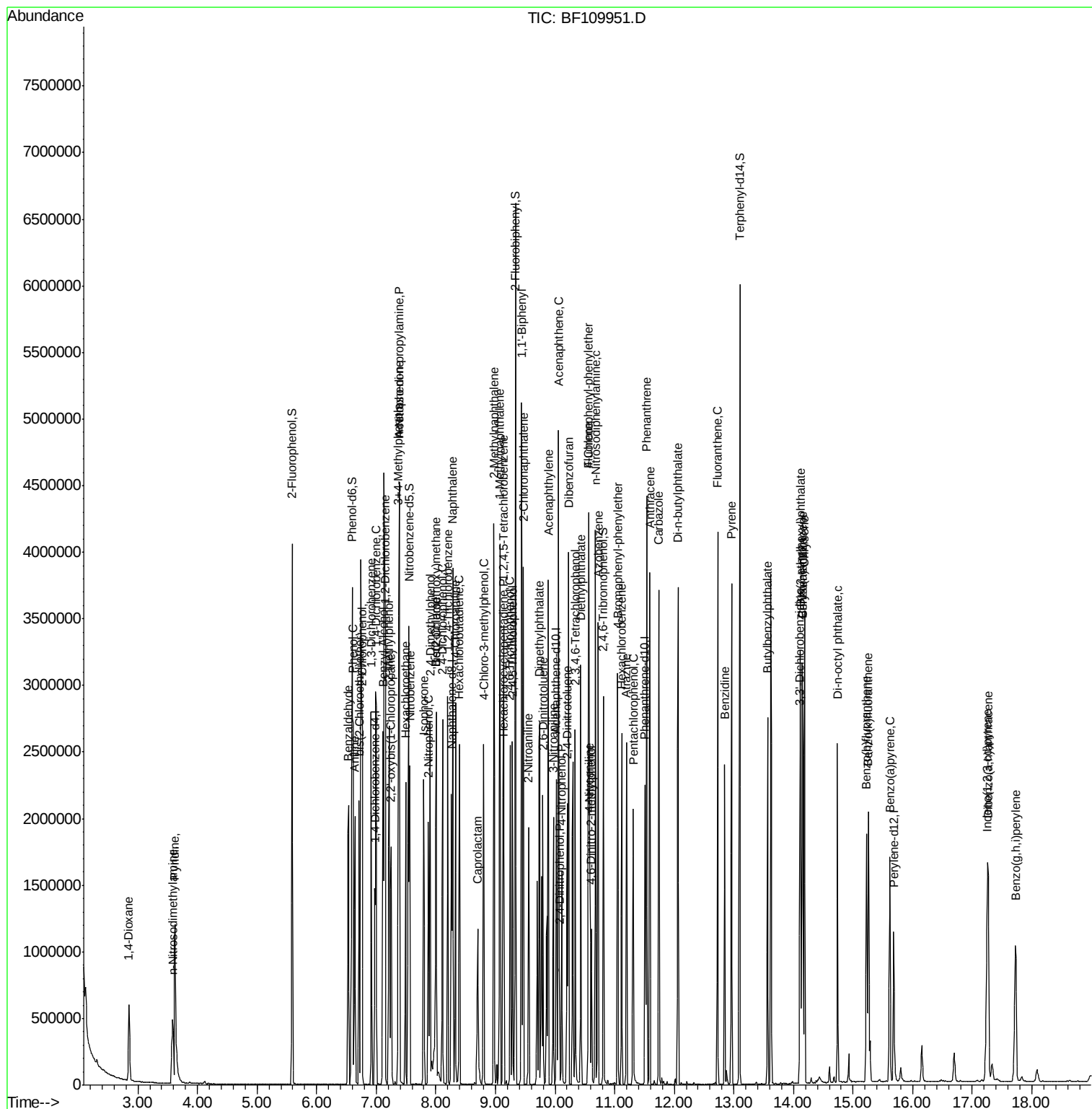
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	275050	42.440	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	352552	41.990	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	364657	41.846	nq	94
46) 1,1'-Biphenyl	9.44	154	1491622	38.403	nq	98
47) 2-Chloronaphthalene	9.47	162	1106788	38.685	nq	99
48) 2-Nitroaniline	9.56	65	343396	46.770	nq	96
49) Acenaphthylene	9.89	152	1608967	38.712	nq	97
50) Dimethylphthalate	9.74	163	1191008	38.583	nq	99
51) 2,6-Dinitrotoluene	9.80	165	277867	47.393	nq #	82
52) Acenaphthene	10.06	154	1051673	39.744	nq	98
53) 3-Nitroaniline	9.97	138	327323	45.895	nq	87
54) 2,4-Dinitrophenol	10.07	184	101644	57.269	nq #	82
55) Dibenzofuran	10.23	168	1462588	38.757	nq	97
56) 4-Nitrophenol	10.12	139	244244	44.882	nq	89
57) 2,4-Dinitrotoluene	10.20	165	362880	48.901	nq #	87
58) Fluorene	10.57	166	1064718	38.758	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	298028	43.154	nq	97
60) Diethylphthalate	10.43	149	1184421	38.848	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	567459	39.655	nq	99
62) 4-Nitroaniline	10.59	138	316060	46.815	nq	90
63) Azobenzene	10.72	77	1170272	36.742	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	143654	49.045	nq	86
66) n-Nitrosodiphenylamine	10.68	169	1028687	38.361	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	341838	39.177	nq	94
68) Hexachlorobenzene	11.12	284	367238	39.468	nq	99
69) Atrazine	11.20	200	334909	39.983	nq	99
70) Pentachlorophenol	11.31	266	227525	42.967	nq	96
71) Phenanthrene	11.54	178	1581791	37.949	nq	99
72) Anthracene	11.59	178	1609037	38.397	nq	100
73) Carbazole	11.74	167	1569317	38.105	nq	99
74) Di-n-butylphthalate	12.06	149	1732579	37.695	nq	99
75) Fluoranthene	12.73	202	1580206	37.949	nq	97
77) Benzidine	12.84	184	819342	39.920	nq	98
78) Pyrene	12.96	202	1615699	41.094	nq	100
80) Butylbenzylphthalate	13.57	149	663168	41.720	nq	94
81) Benzo(a)anthracene	14.14	228	1216747	38.588	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	435267	39.375	nq	97
83) Chrysene	14.19	228	1165297	38.826	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	831967	39.777	nq #	94
85) Di-n-octyl phthalate	14.74	149	1193300	40.467	nq	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	1011858	41.872	nq #	94
88) Benzo(b)fluoranthene	15.23	252	974354	40.634	nq	99
89) Benzo(k)fluoranthene	15.26	252	868297	36.738	nq	99
90) Benzo(a)pyrene	15.62	252	858239	38.916	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	844718	43.220	nq	97
92) Benzo(g,h,i)perylene	17.73	276	863090	43.707	nq #	96

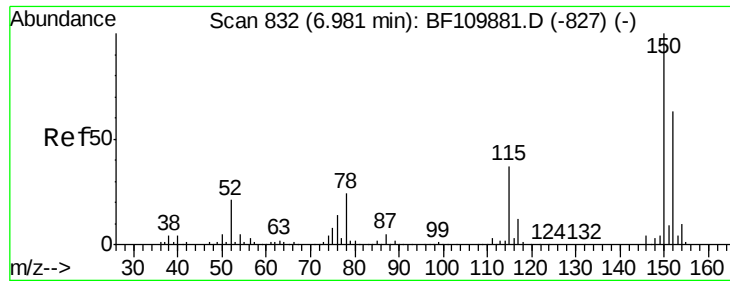
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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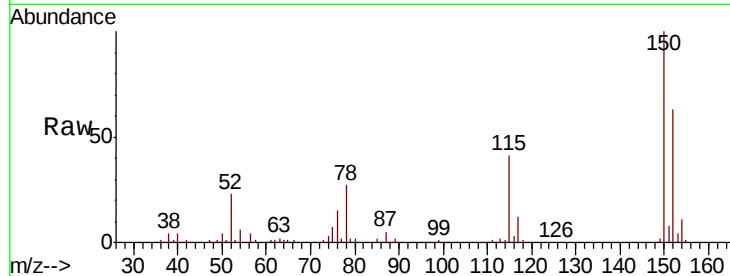




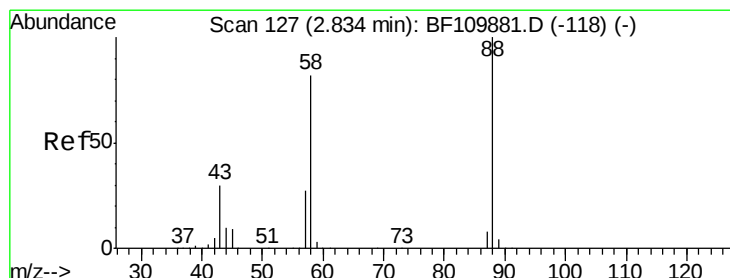
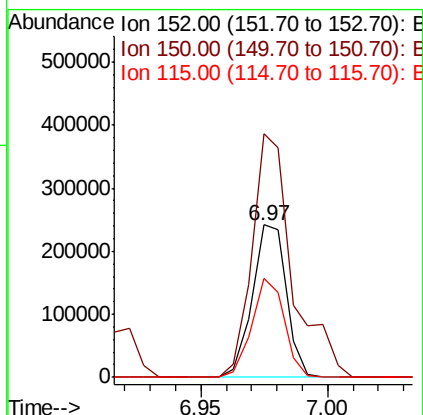
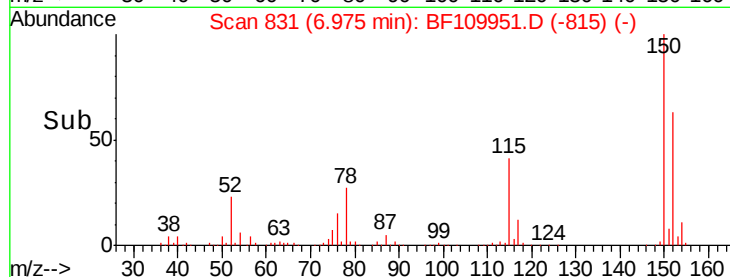
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 227244
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.7 184.1
 115 65.0 49.1 73.7

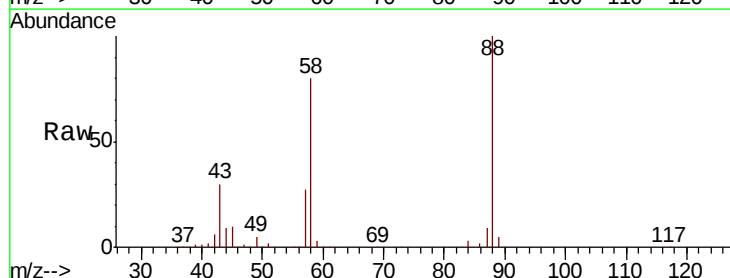


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

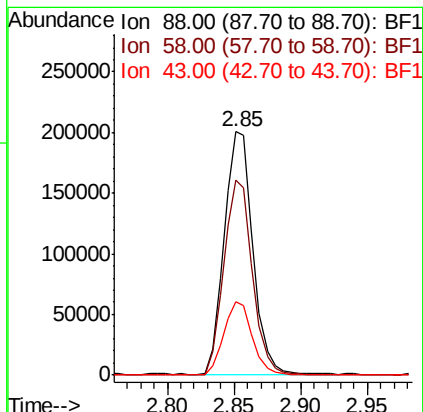
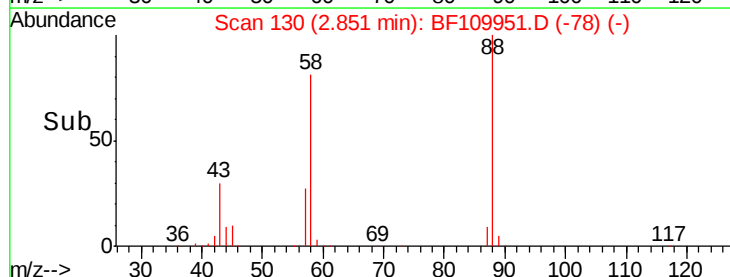


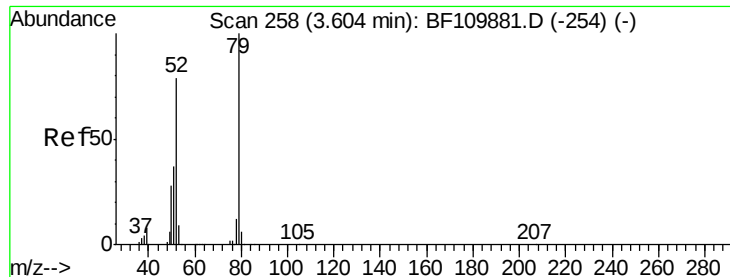
#2
 1,4-Dioxane
 Concen: 36.907 ng
 RT: 2.85 min Scan# 130
 Delta R.T. 0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion: 88 Resp: 300509
 Ion Ratio Lower Upper
 88 100
 58 80.1 57.1 85.7
 43 30.2 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: 38.258 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

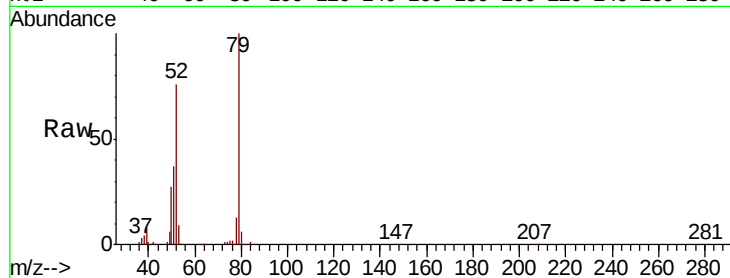
Tot Ion: 79 Resp: 694500

Ion Ratio Lower Upper

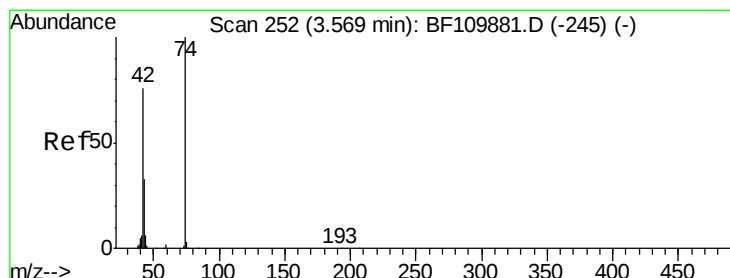
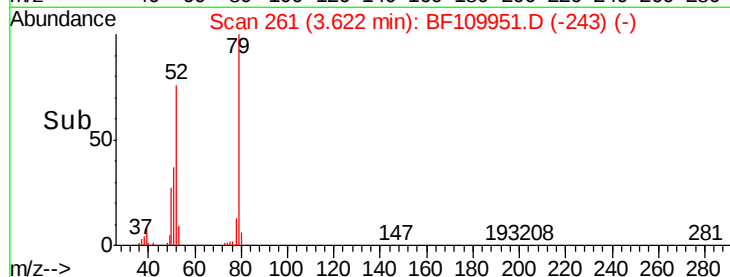
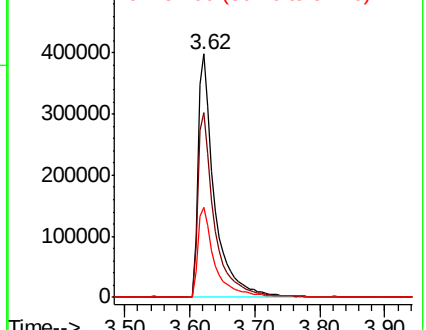
79 100

52 75.8 53.1 79.7

51 37.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.999 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

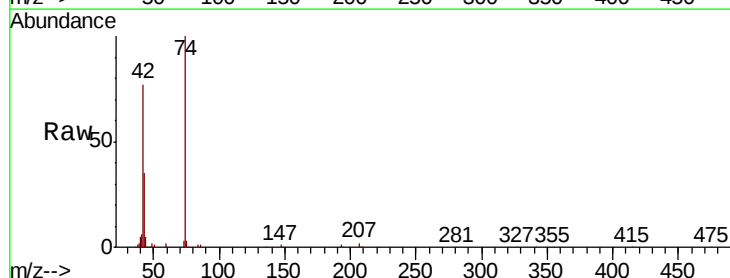
Tgt Ion: 42 Resp: 273980

Ion Ratio Lower Upper

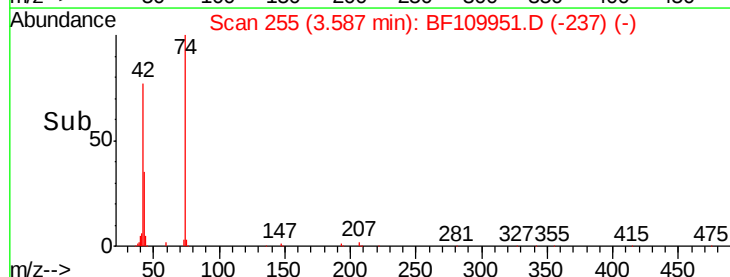
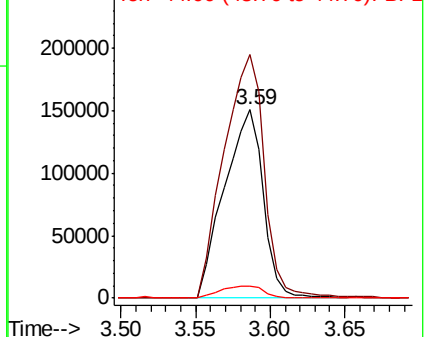
42 100

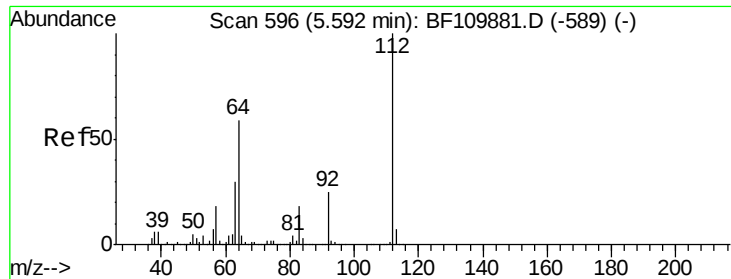
74 129.3 105.5 158.3

44 6.7 4.9 7.3



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





#5

2-Fluorophenol

Concen: 76.972 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

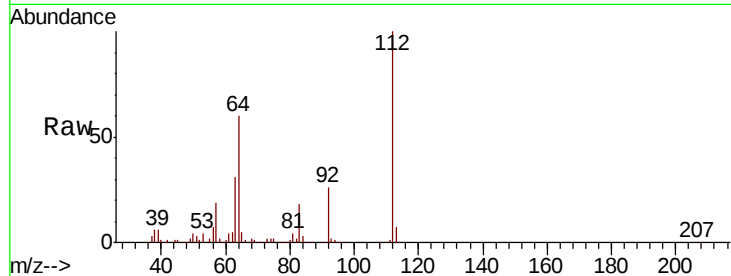
Tot Ion:112 Resp: 1103471

Ion Ratio Lower Upper

112 100

64 59.5 44.1 66.1

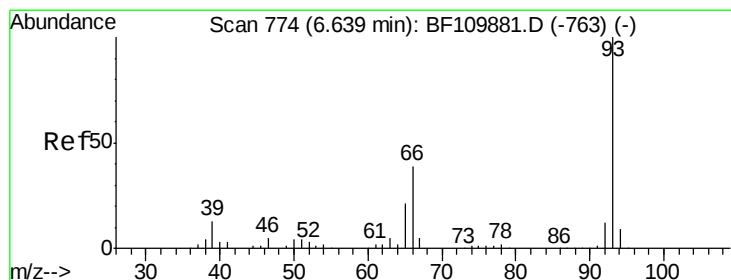
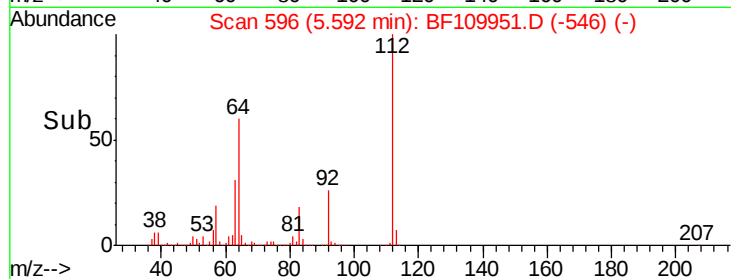
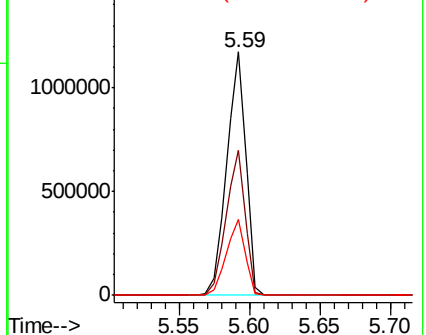
63 31.0 23.7 35.5



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: 38.559 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

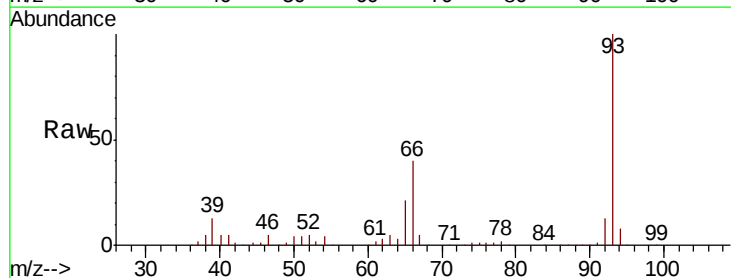
Tgt Ion: 93 Resp: 925009

Ion Ratio Lower Upper

93 100

66 40.3 67.4 101.0#

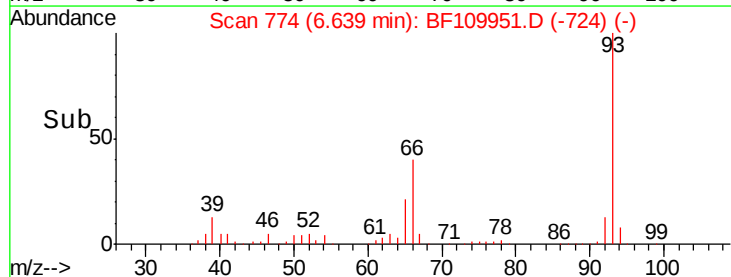
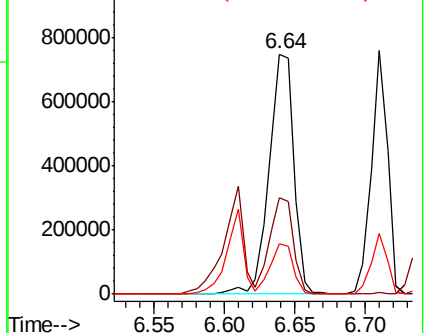
65 20.9 41.0 61.4#

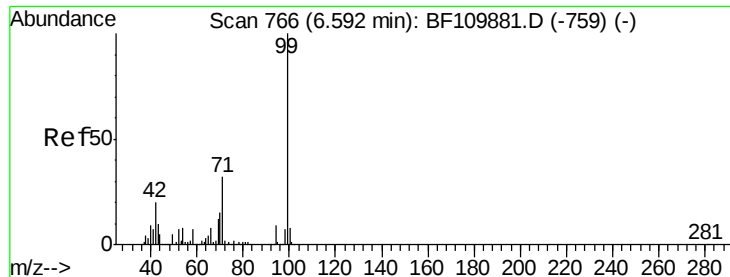


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.083 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109951.D

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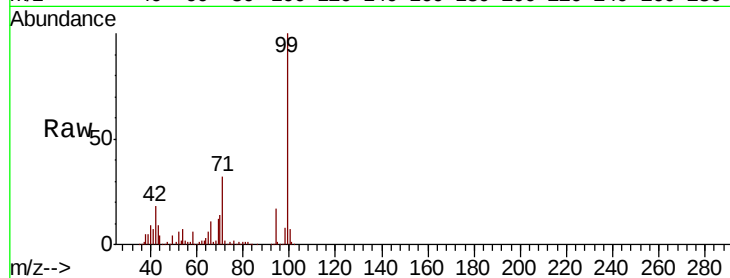
Tot Ion: 99 Resp: 1389983

Ion Ratio Lower Upper

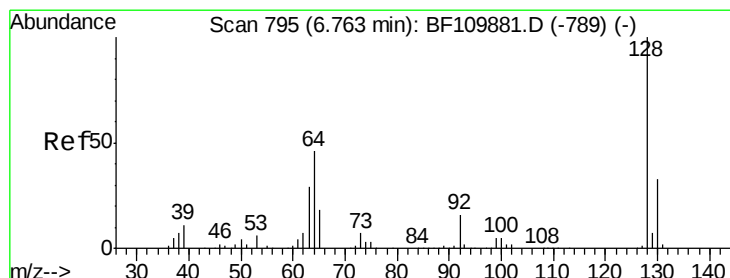
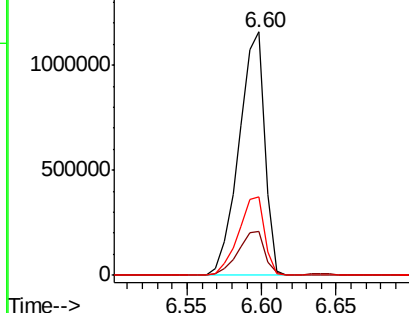
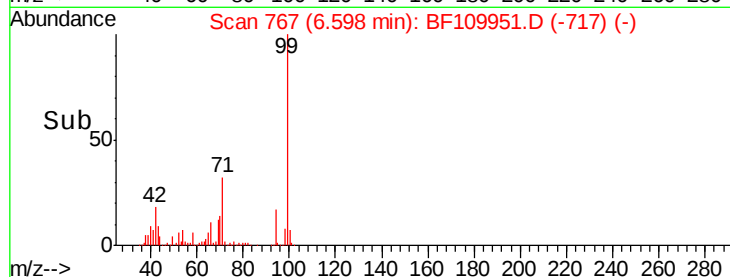
99 100

42 17.9 15.8 23.6

71 32.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.558 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

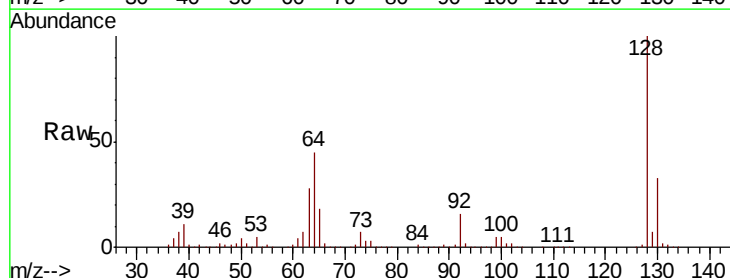
Tgt Ion: 128 Resp: 635232

Ion Ratio Lower Upper

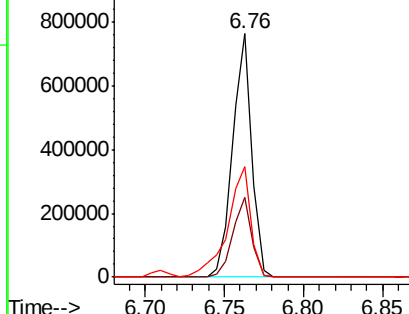
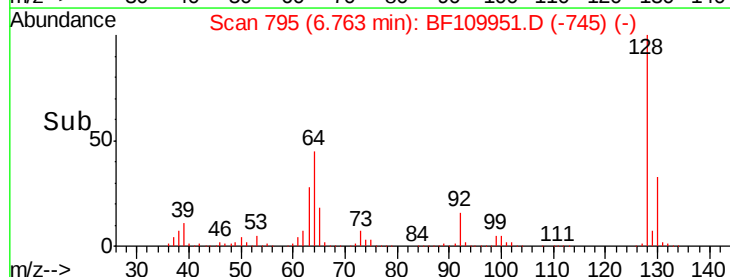
128 100

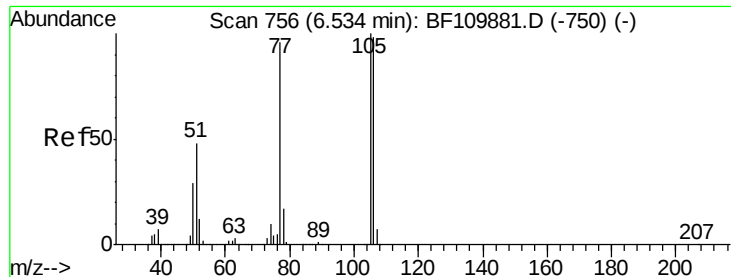
130 33.0 13.1 53.1

64 45.5 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: 37.599 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

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ClientSampleId :

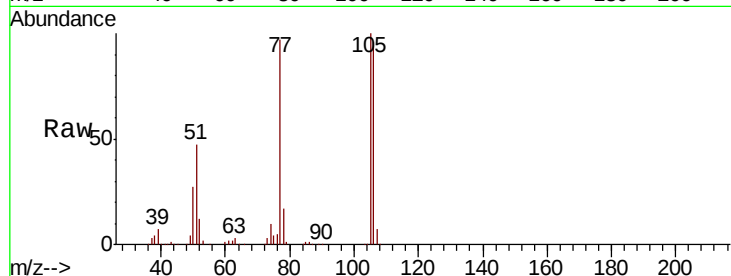
Tot Ion: 77 Resp: 434958

Ion Ratio Lower Upper

77 100

105 103.4 78.6 118.6

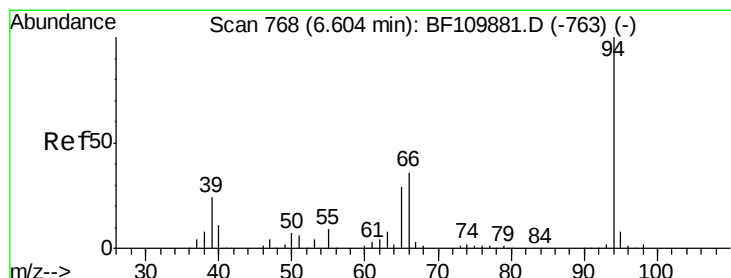
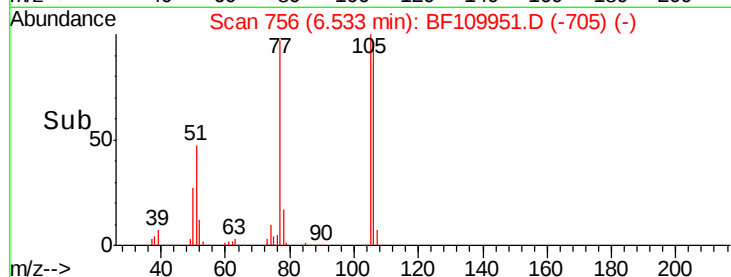
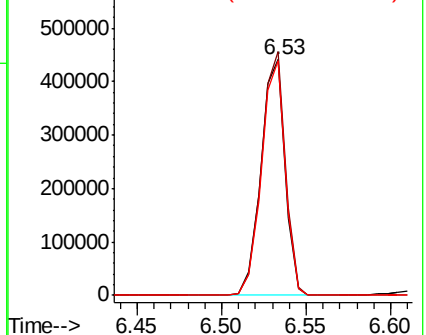
106 99.6 74.8 114.8



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: 38.947 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

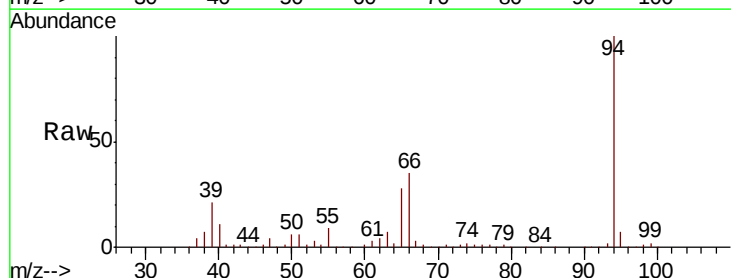
Tgt Ion: 94 Resp: 748538

Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

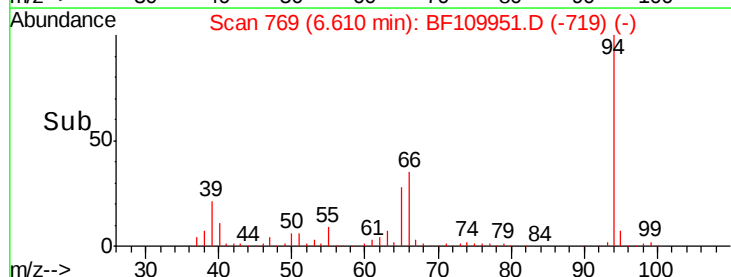
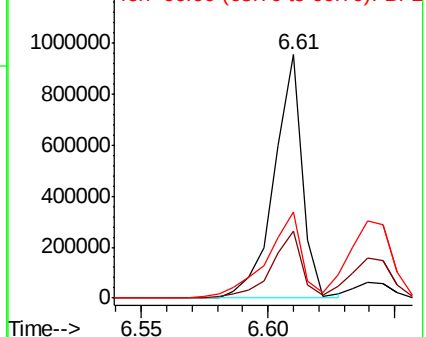
66 35.3 54.5 94.5#

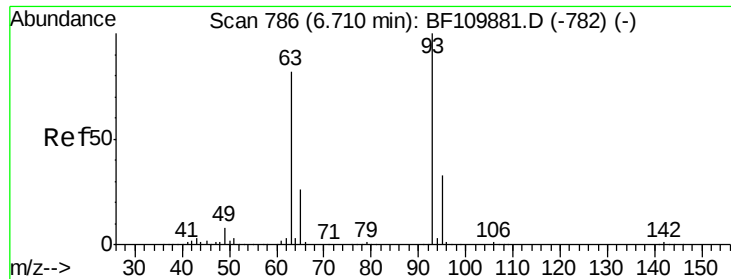


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.695 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

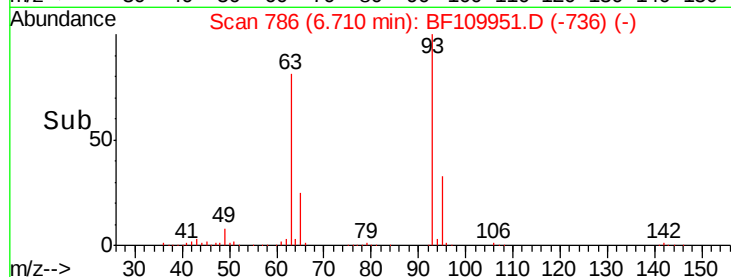
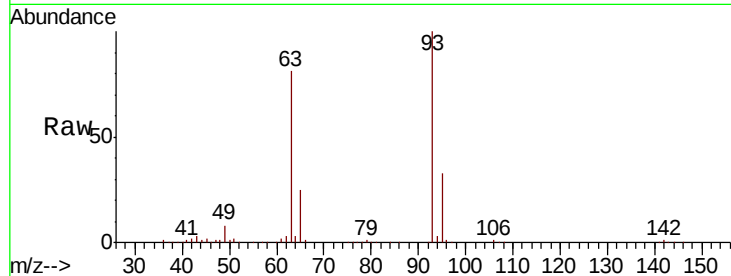
Tot Ion: 93 Resp: 605756

Ion Ratio Lower Upper

93 100

63 81.3 53.4 93.4

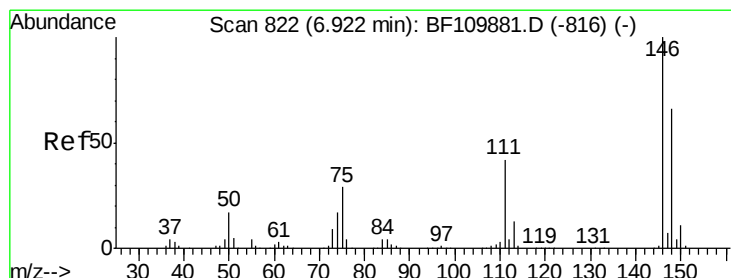
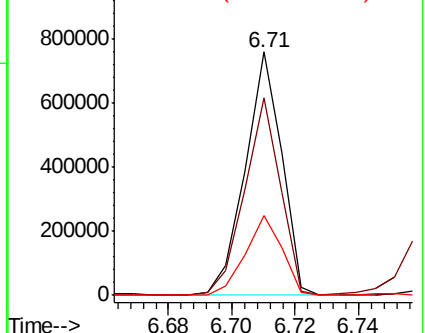
95 32.8 12.1 52.1



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: 39.011 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

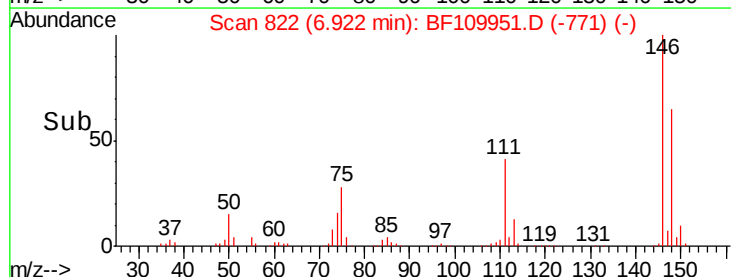
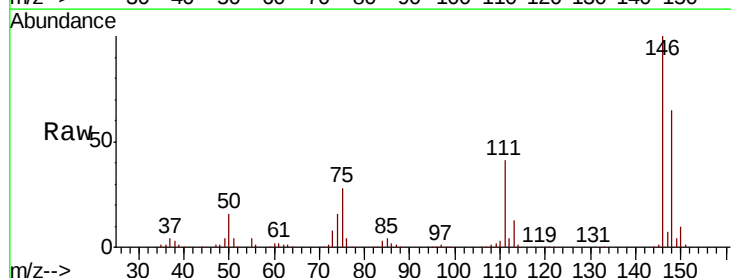
Tgt Ion: 146 Resp: 686922

Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

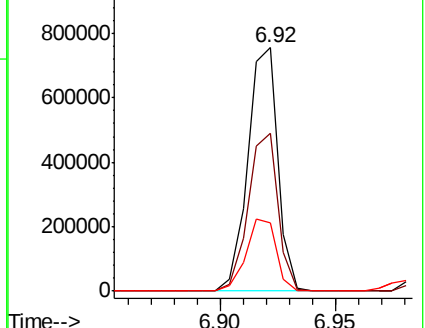
75 27.9 25.8 38.6

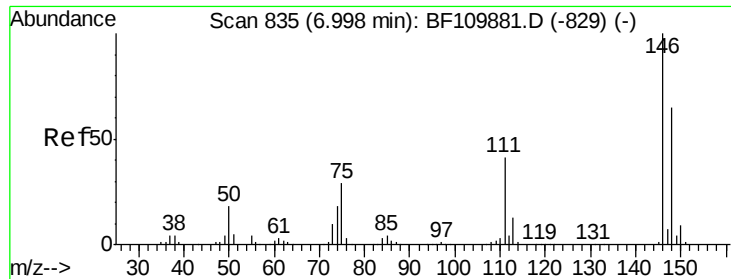


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

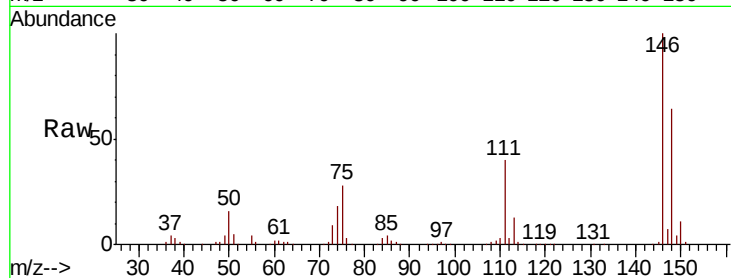




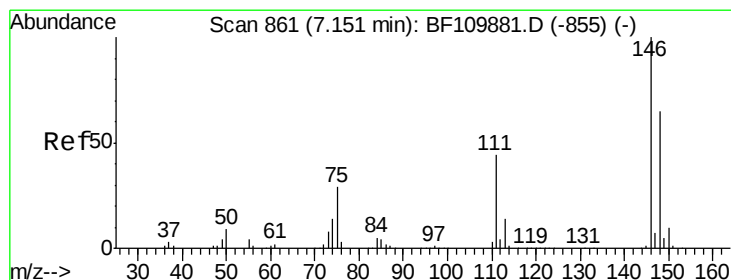
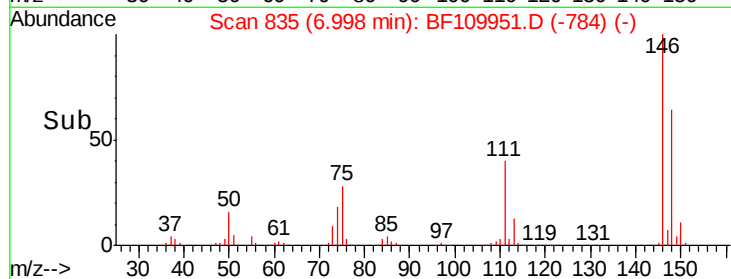
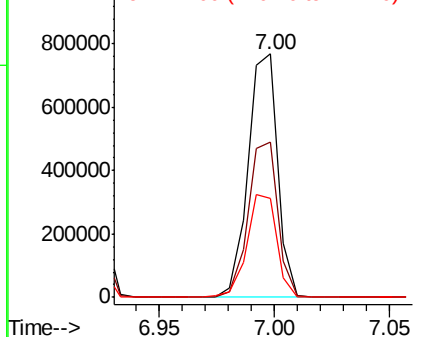
#13
 1,4-Dichlorobenzene
 Concen: 38.906 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 689951
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 40.5 32.7 49.1

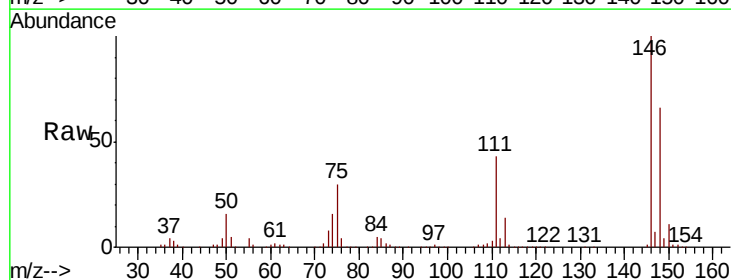


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

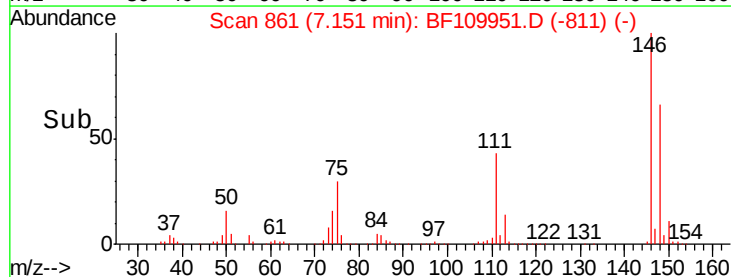
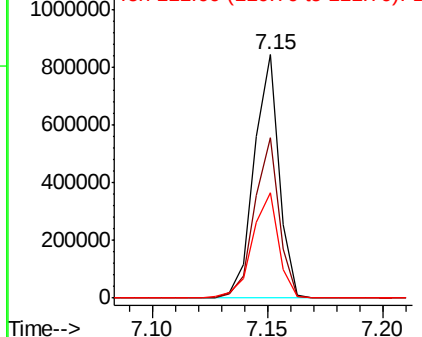


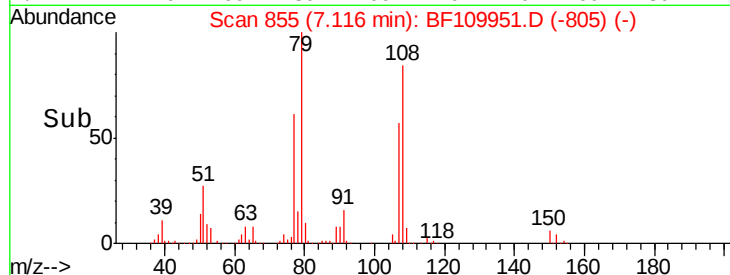
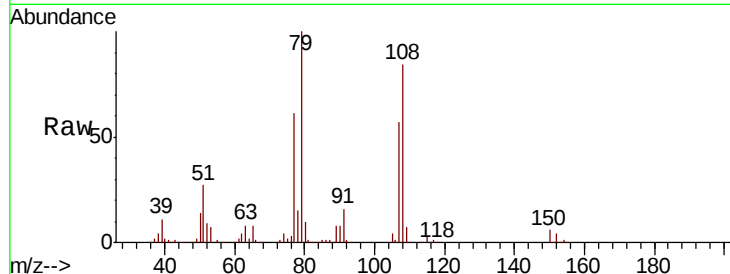
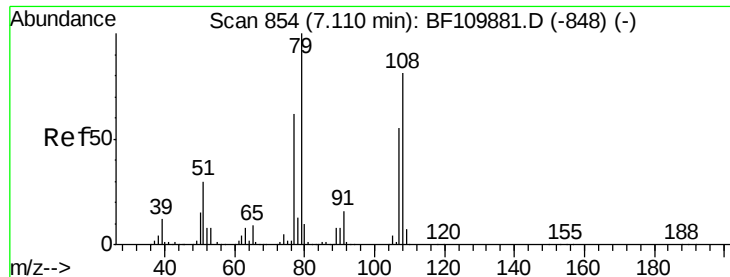
#14
 1,2-Dichlorobenzene
 Concen: 39.206 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:146 Resp: 640242
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.1 76.7
 111 43.4 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 39.250 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

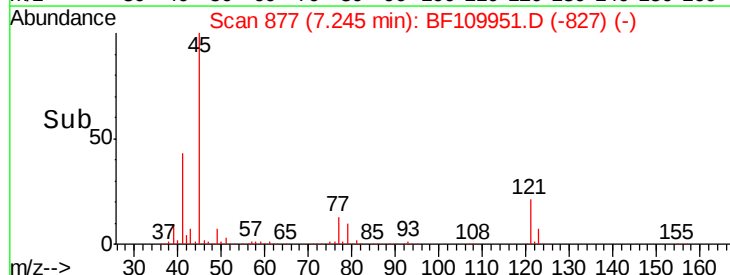
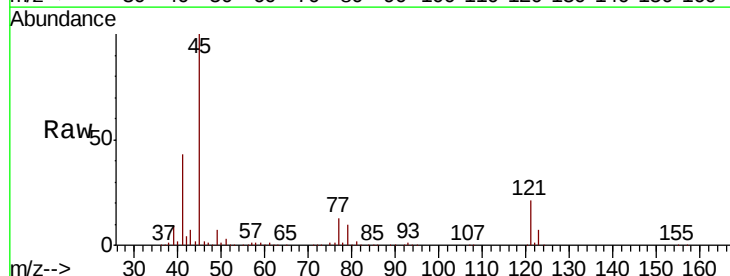
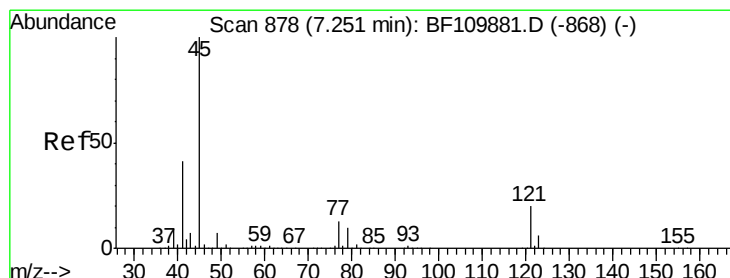
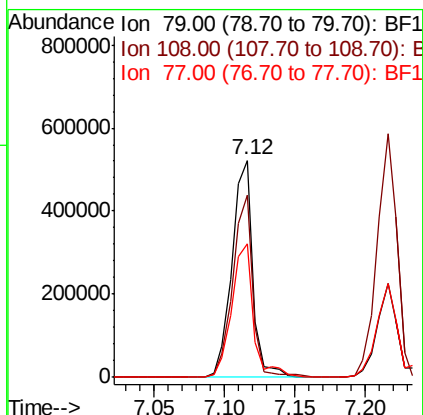
Tot Ion: 79 Resp: 537541

Ion Ratio Lower Upper

79 100

108 84.0 56.3 84.5

77 61.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.966 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

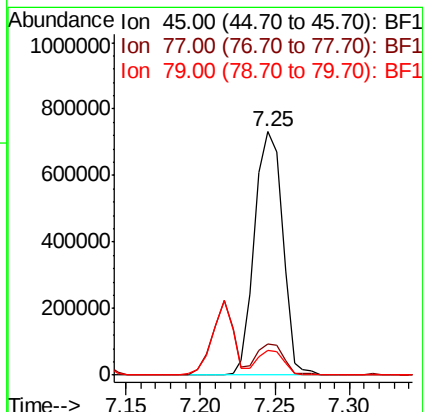
Tgt Ion: 45 Resp: 948650

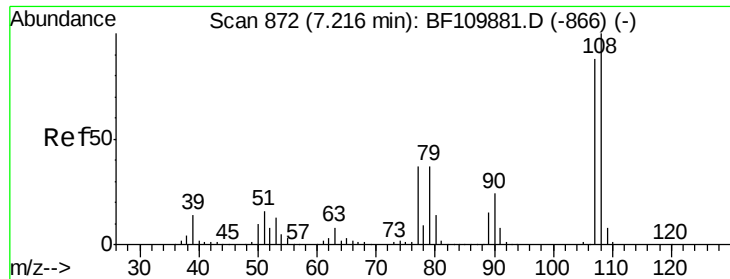
Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

79 10.1 6.1 46.1

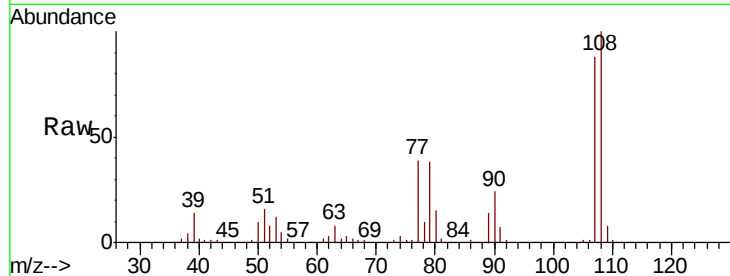




#17
2-Methylphenol
Concen: 38.627 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.6	138.8
77	43.9	59.4	89.2#
79	43.6	54.0	81.0#



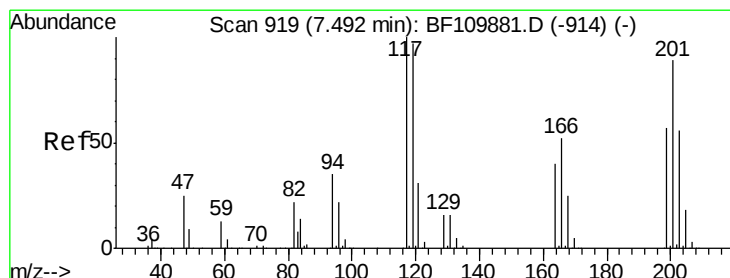
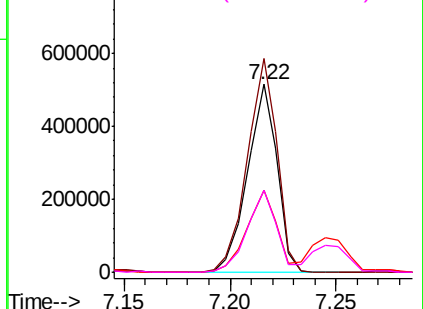
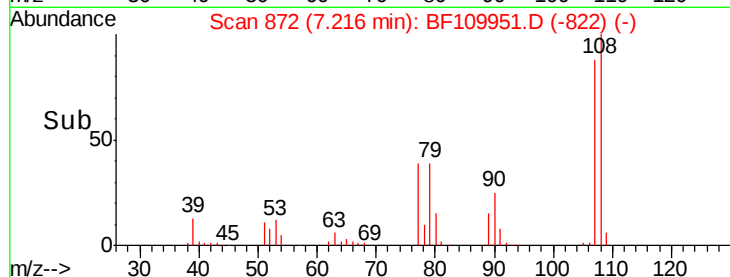
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

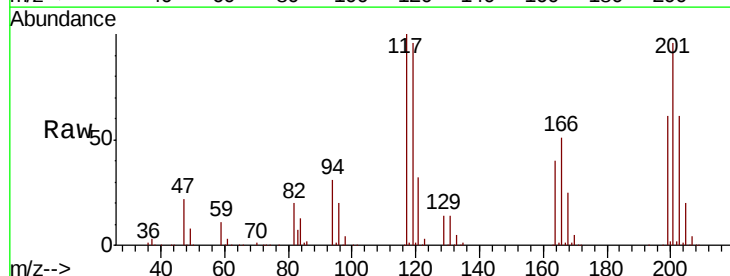
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.054 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
201	96.1	79.2	118.8

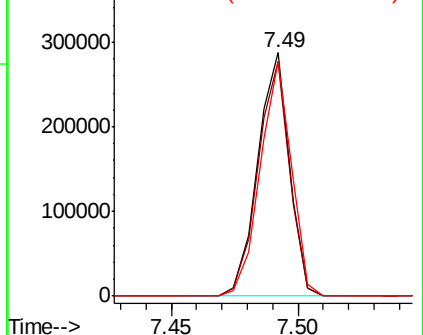
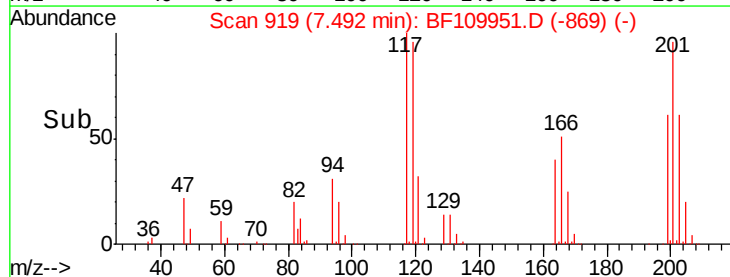


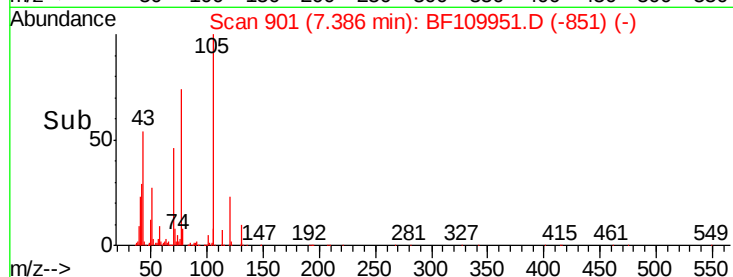
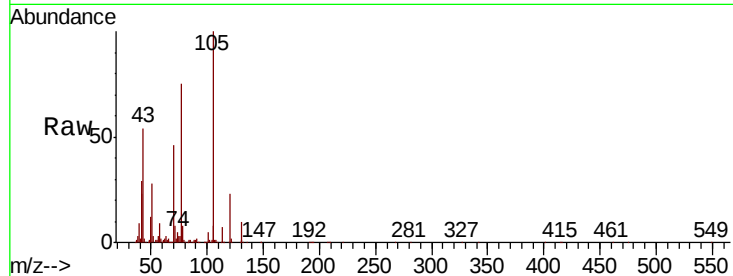
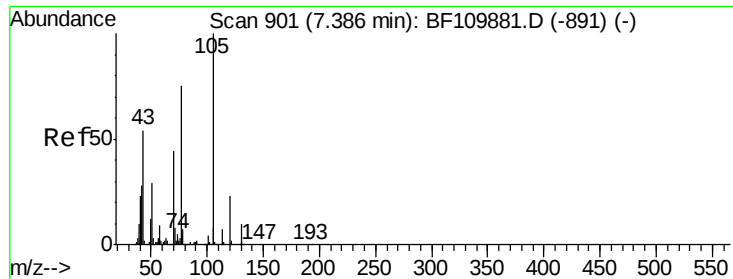
Abundance

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

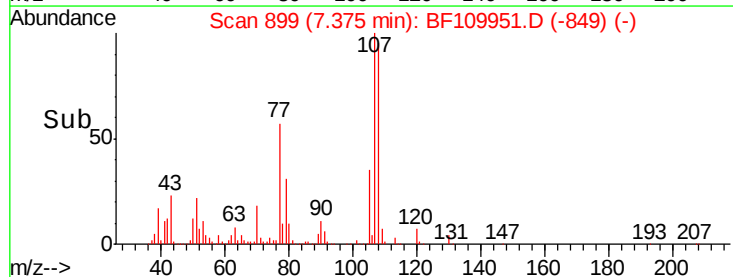
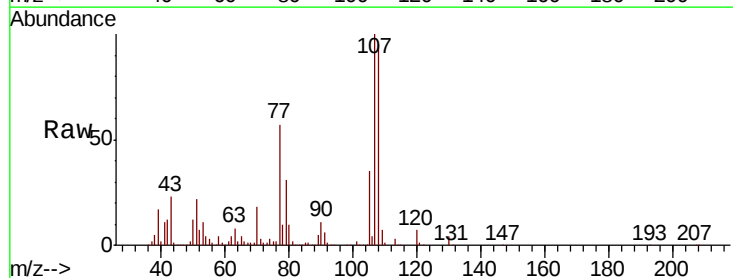
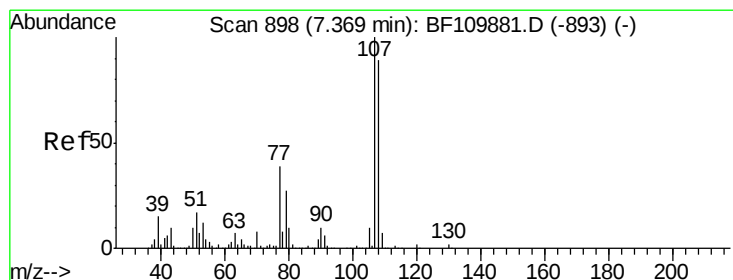
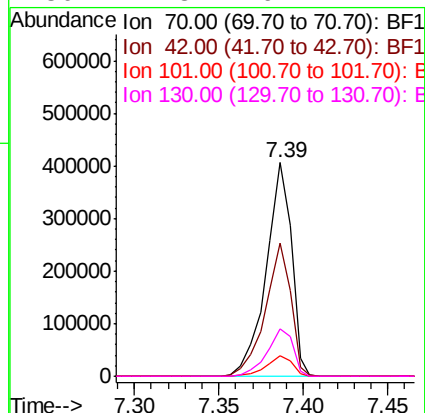




#19
n-Nitroso-di-n-propylamine
Concen: 37.016 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

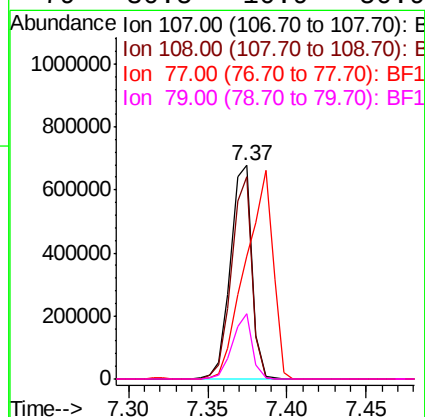
Instrument :
BNA_F
ClientSampleId :

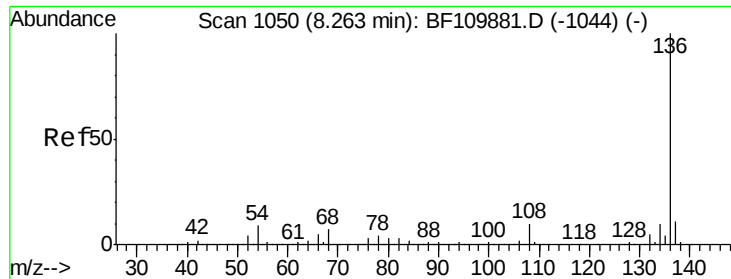
Tot Ion: 70 Resp: 423086
Ion Ratio Lower Upper
70 100
42 62.1 47.4 71.2
101 9.9 7.3 10.9
130 22.3 16.2 24.2



#20
3+4-Methylphenols
Concen: 38.902 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:107 Resp: 639241
Ion Ratio Lower Upper
107 100
108 94.9 71.4 111.4
77 57.3 47.3 87.3
79 30.5 10.9 50.9

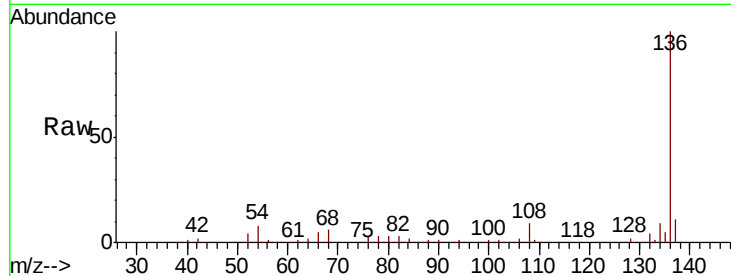




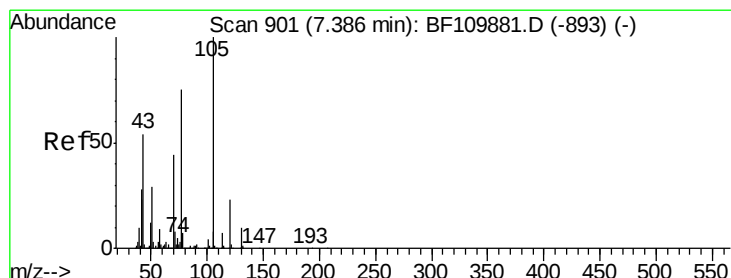
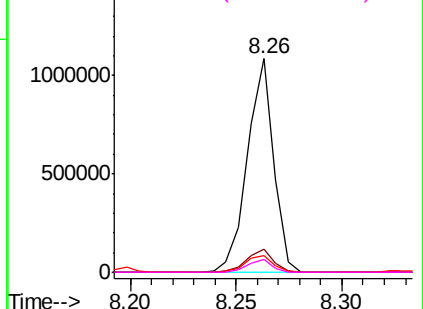
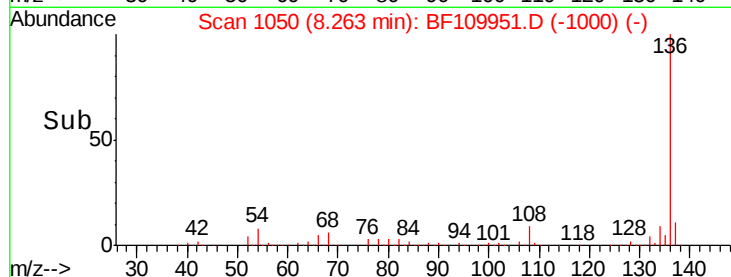
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	936420
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	8.1	5.4 8.2
68	5.8	4.2 6.2

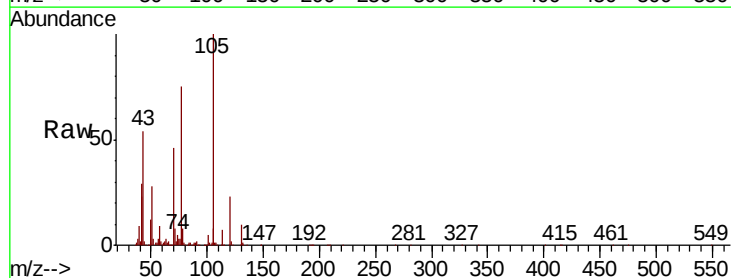


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

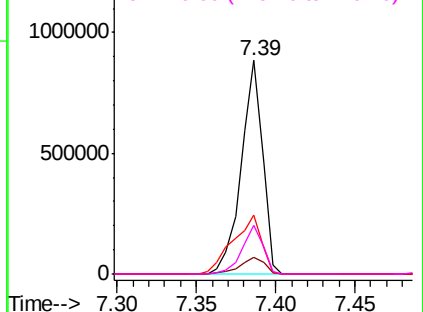
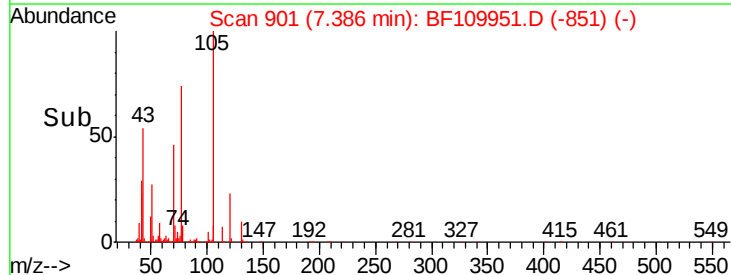


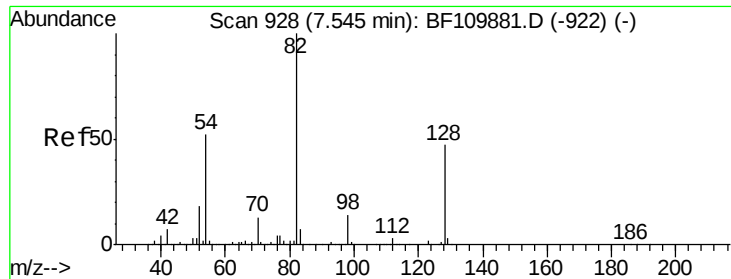
#22
Acetophenone
Concen: 37.776 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:105	Resp:	820354
Ion Ratio	Lower	Upper
105	100	
71	7.7	5.2 7.8
51	27.8	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



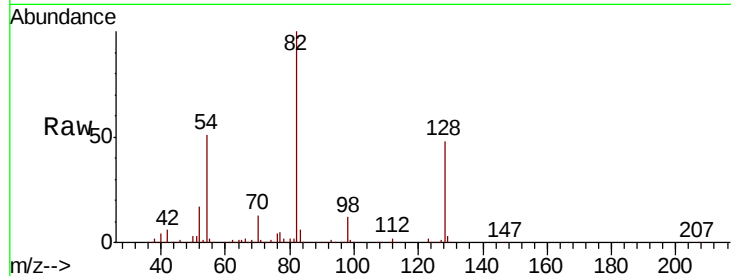


#23
 Nitrobenzene-d5
 Concen: 87.904 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

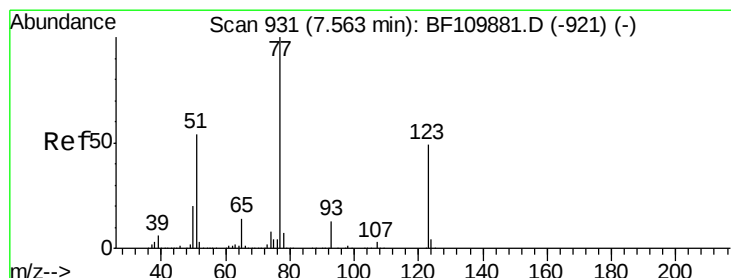
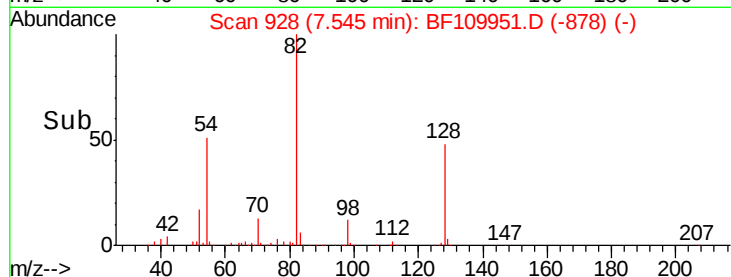
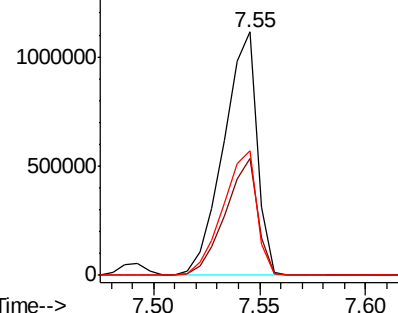
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1221948

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	51.3	38.6	58.0



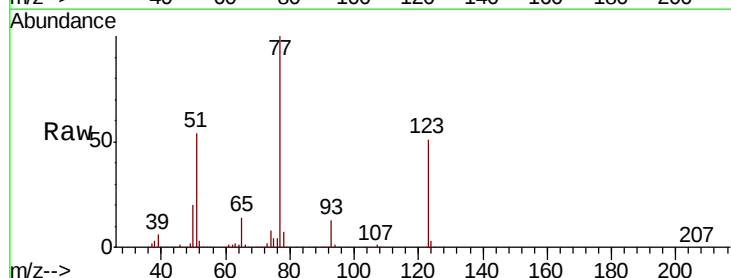
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



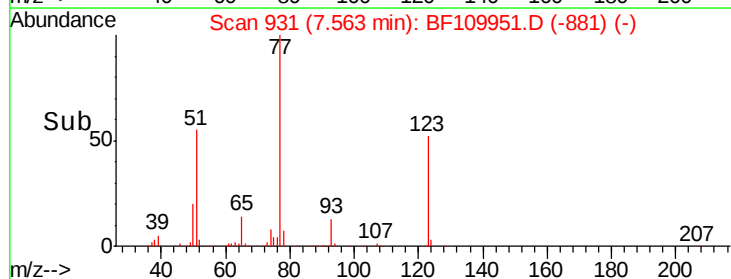
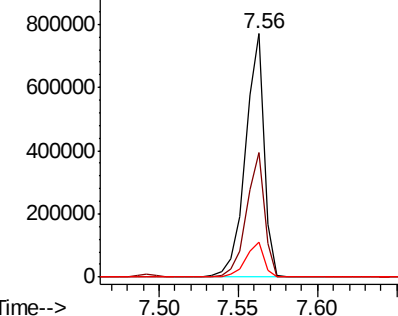
#24
 Nitrobenzene
 Concen: 41.871 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

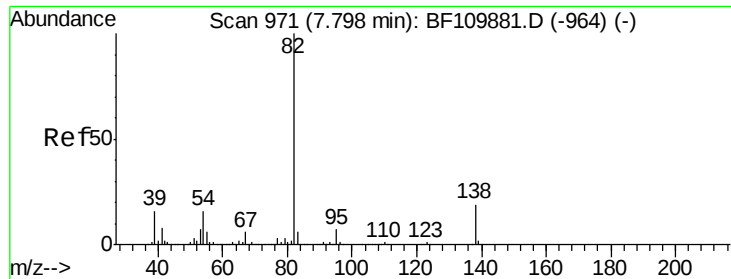
Tgt Ion: 77 Resp: 632300

Ion	Ratio	Lower	Upper
77	100		
123	51.4	35.7	53.5
65	14.2	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: 37.490 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampled :

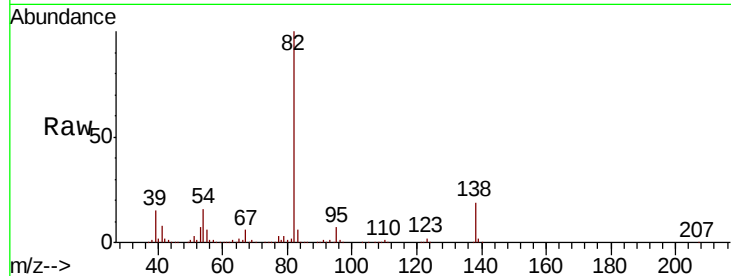
Tot Ion: 82 Resp: 1023987

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.1	13.2	19.8

82 100

95 7.1 5.7 8.5

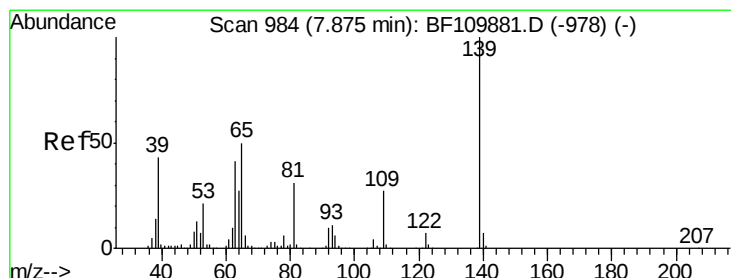
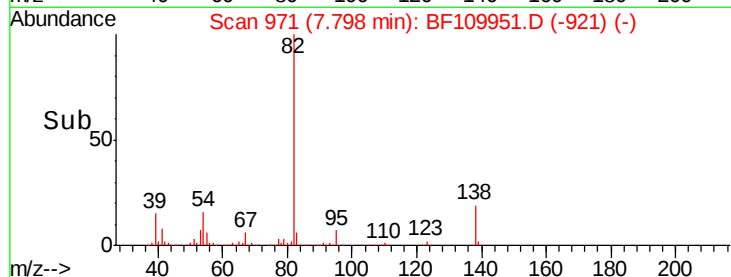
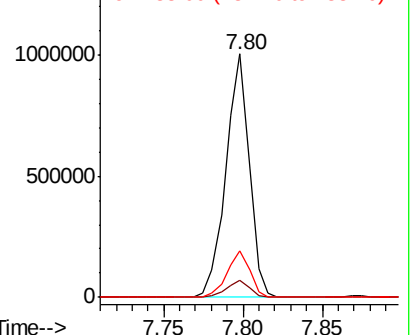
138 19.1 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.637 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

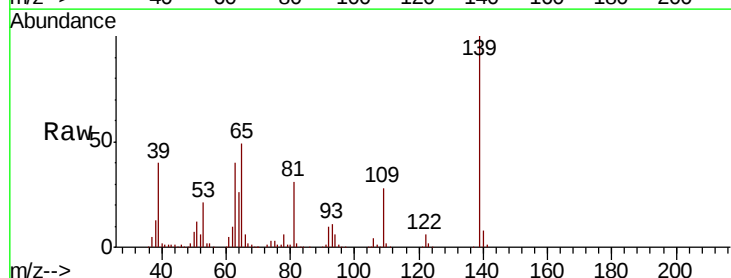
Tgt Ion: 139 Resp: 323310

Ion	Ratio	Lower	Upper
139	100		
109	28.0	25.0	37.6
65	48.6	44.0	66.0

139 100

109 28.0 25.0 37.6

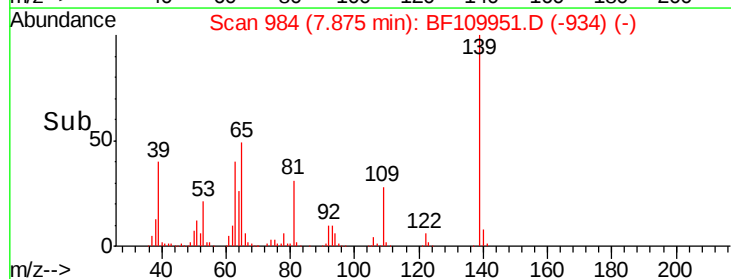
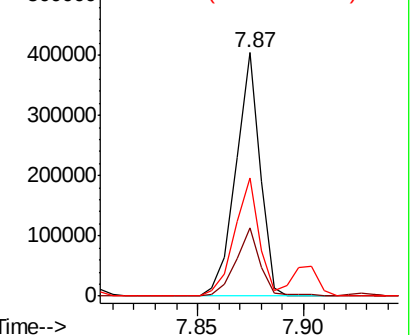
65 48.6 44.0 66.0

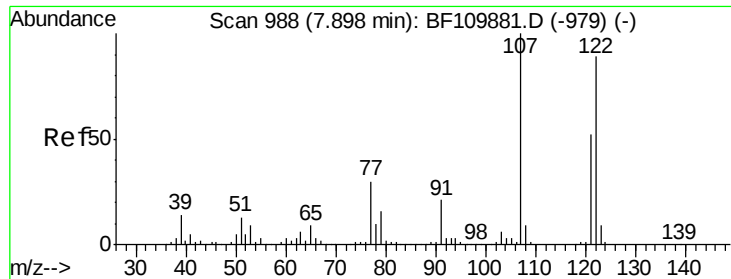


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

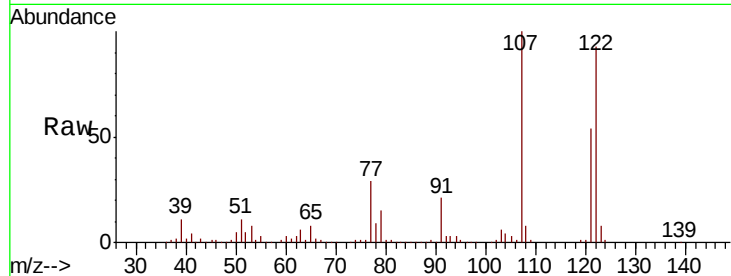




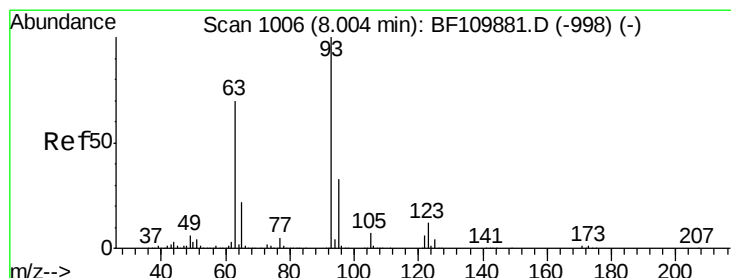
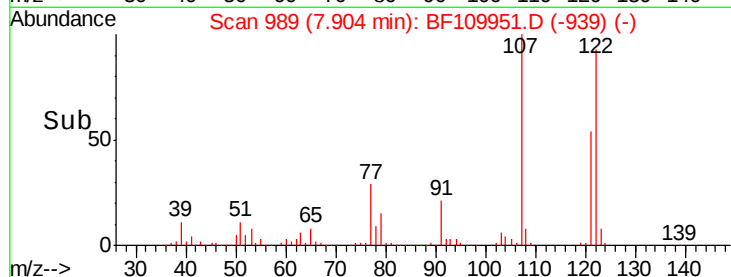
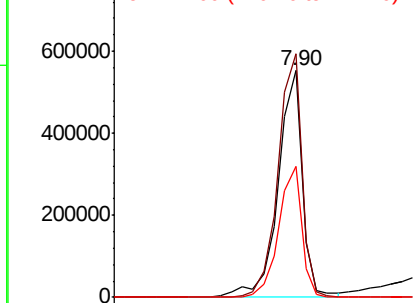
#27
 2,4-Dimethylphenol
 Concen: 39.250 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	107.4	92.5	138.7	
121	57.9	45.8	68.8	

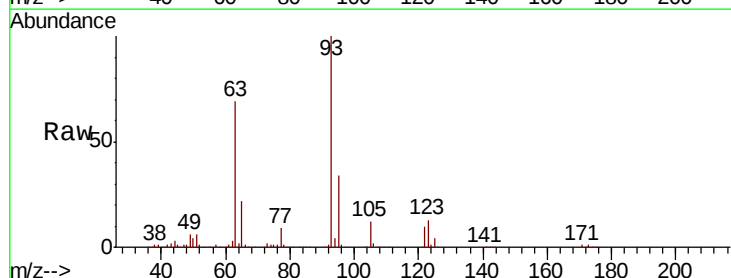


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

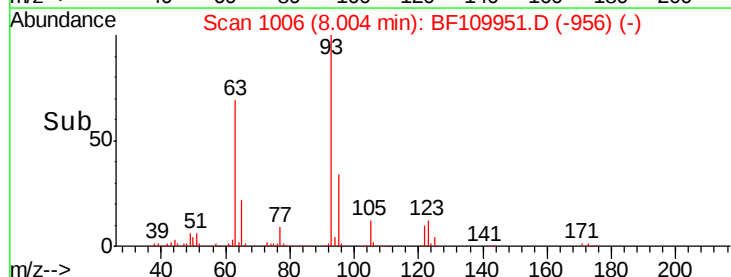
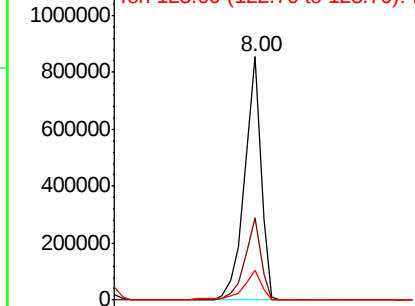


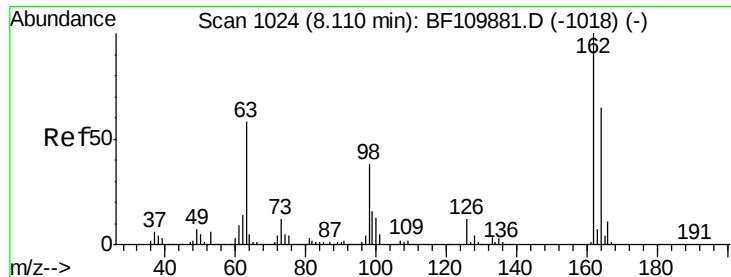
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.981 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	33.7	26.4	39.6	
123	12.5	9.0	13.6	



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

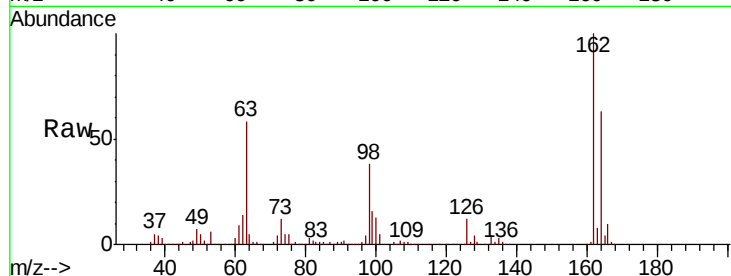




#29
 2,4-Dichlorophenol
 Concen: 40.655 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	38.5	17.4	57.4

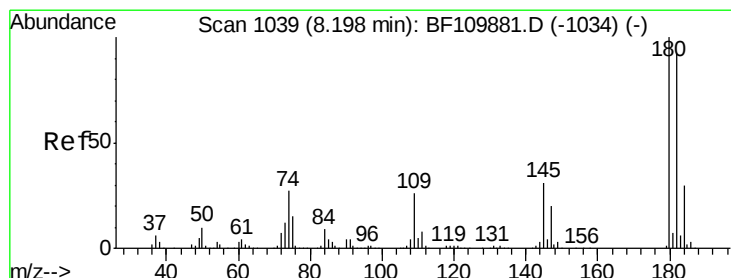
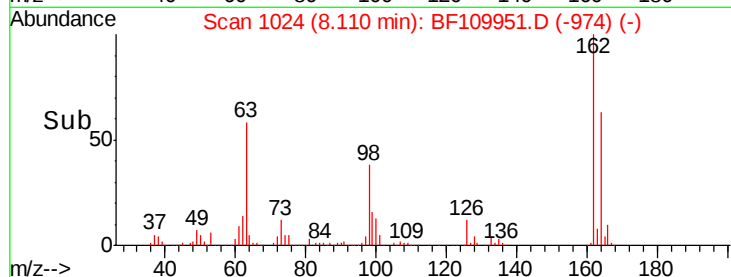
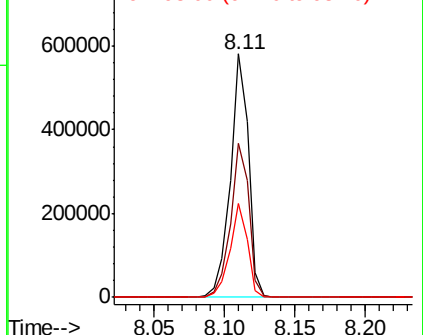


Abundance

Ion 162.00 (161.70 to 162.70): E

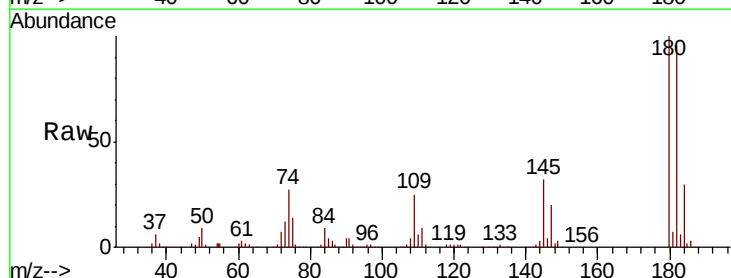
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.562 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.3	120.5
145	31.7	25.4	38.0

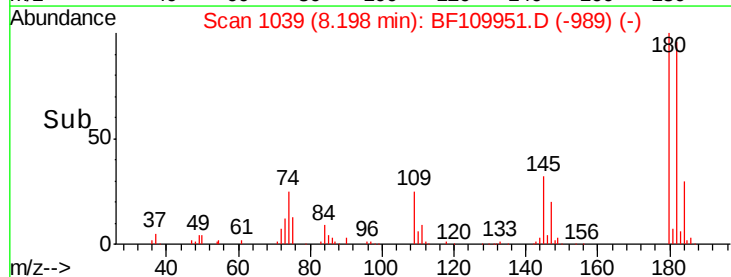
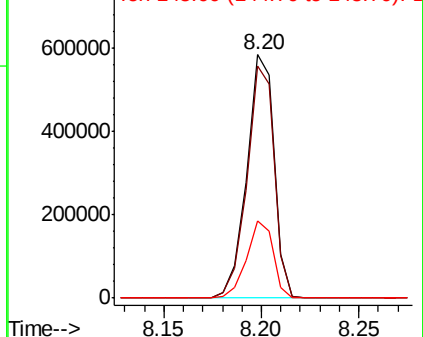


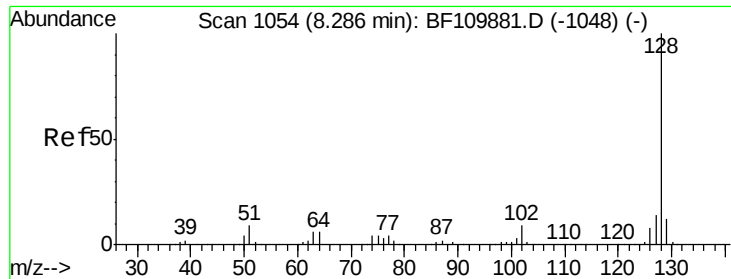
Abundance

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

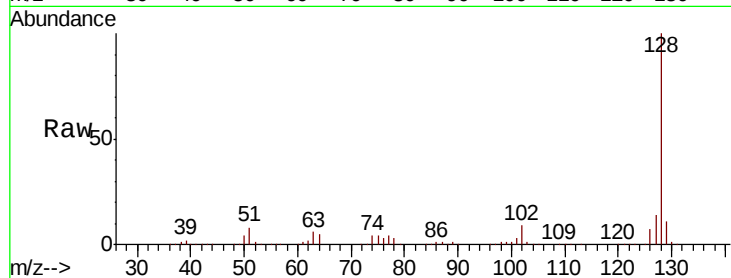




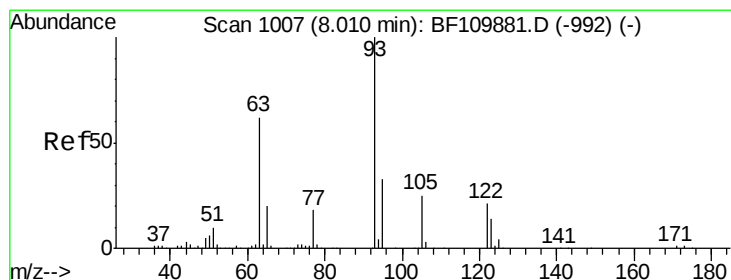
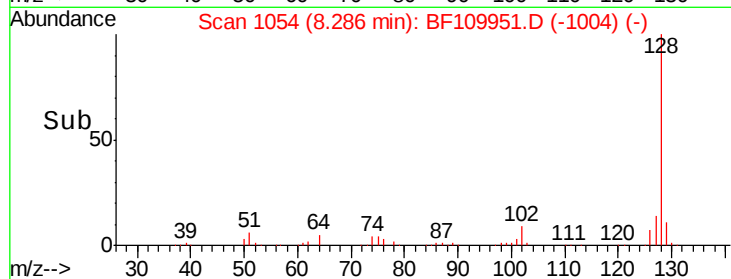
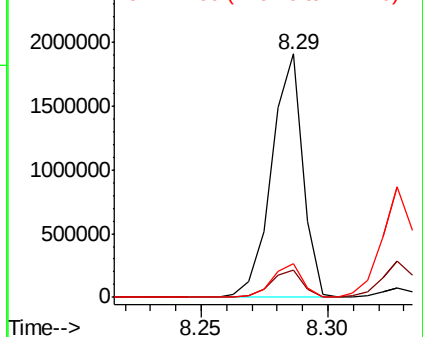
#31
Naphthalene
Concen: 38.438 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1650550
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.8 16.2

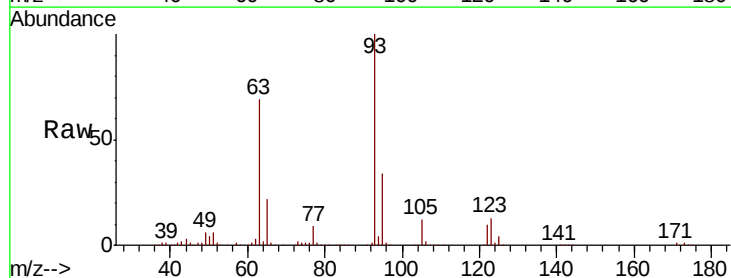


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

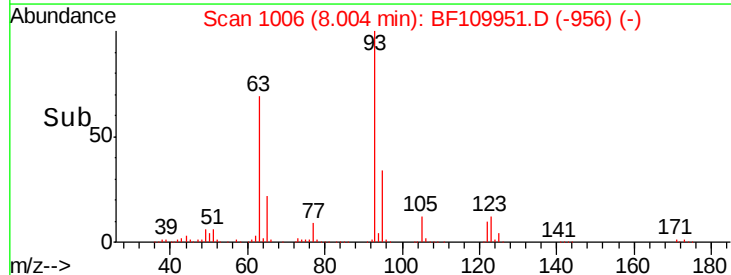
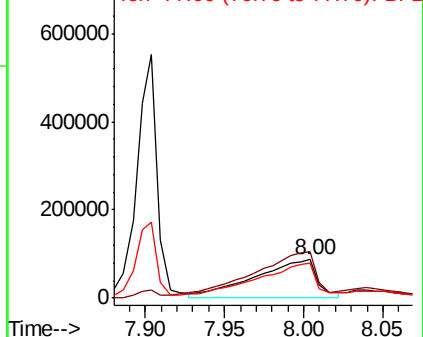


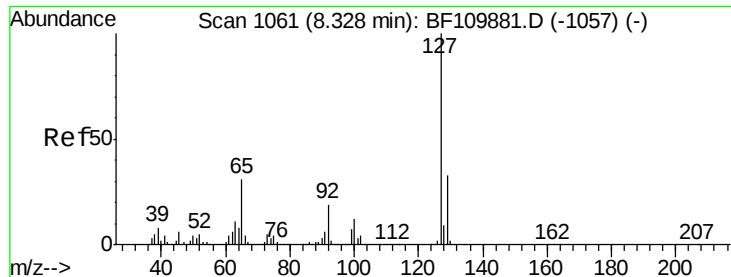
#32
Benzoic acid
Concen: 29.485 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:122 Resp: 241693
Ion Ratio Lower Upper
122 100
105 121.7 109.0 149.0
77 90.3 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

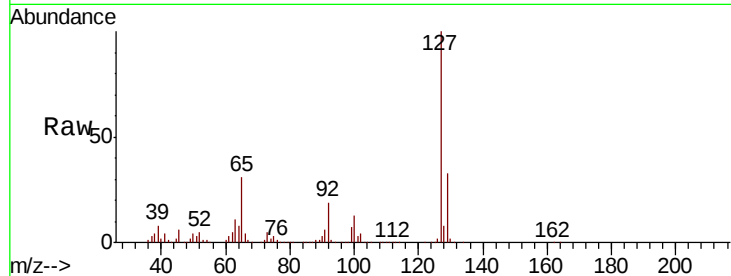




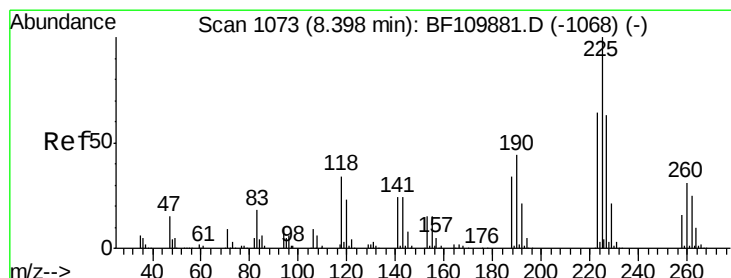
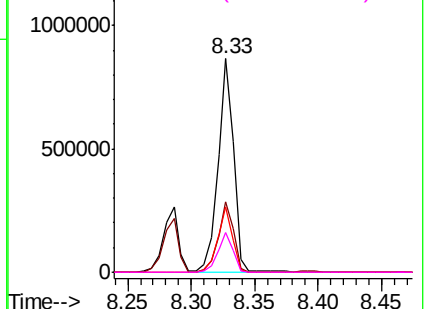
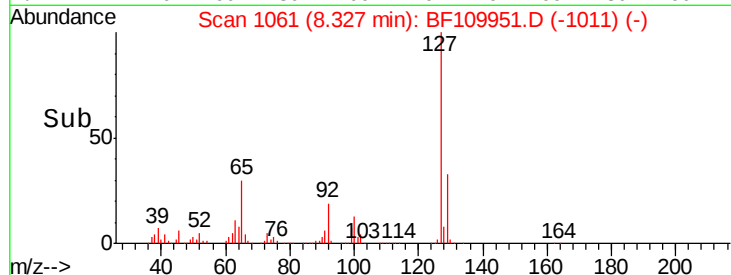
#33
4-Chloroaniline
Concen: 38.977 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	752376
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	30.5	25.1	37.7
92	18.7	15.0	22.6

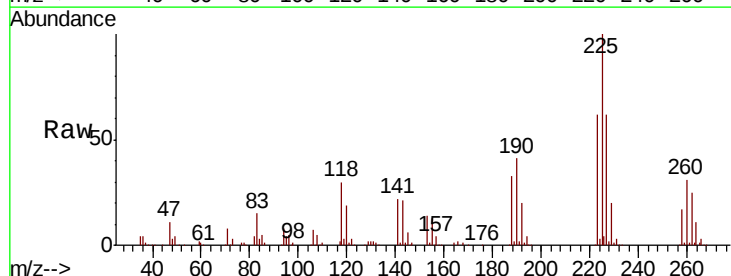


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

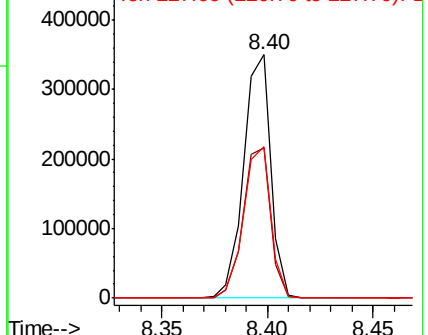
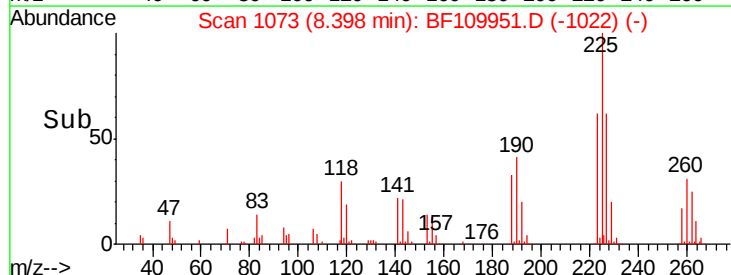


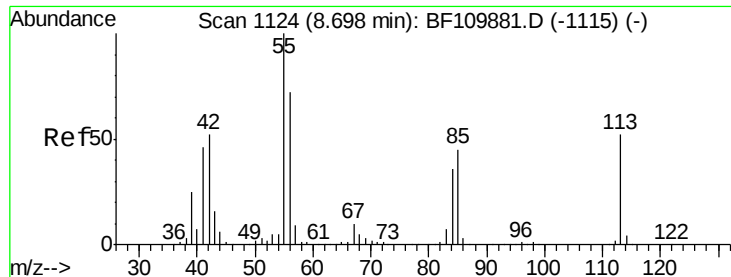
#34
Hexachlorobutadiene
Concen: 39.513 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:	225	Resp:	311365
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.4	77.2
227	62.4	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

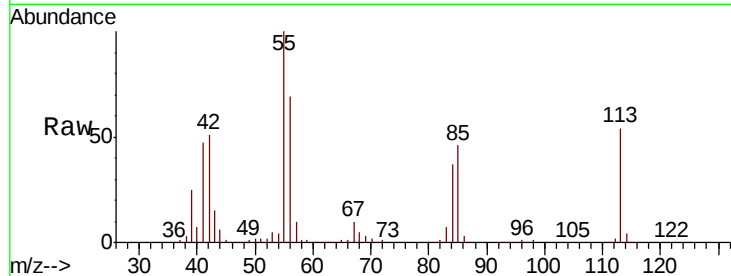




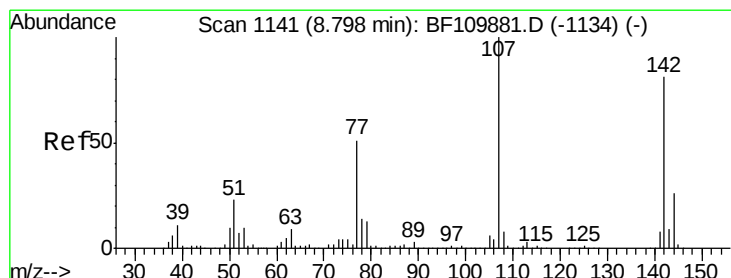
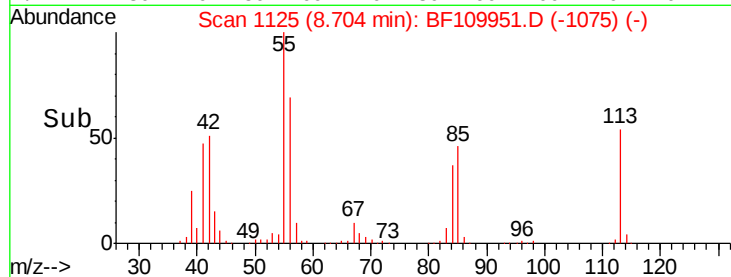
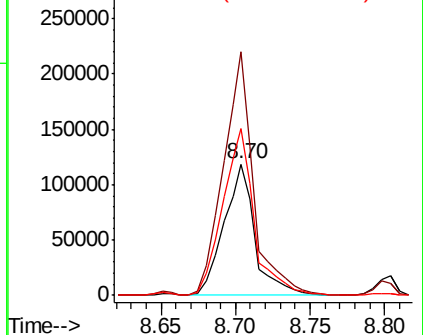
#35
 Caprolactam
 Concen: 37.912 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 171841
 Ion Ratio Lower Upper
 113 100
 55 185.1 142.8 182.8#
 56 126.9 105.0 145.0

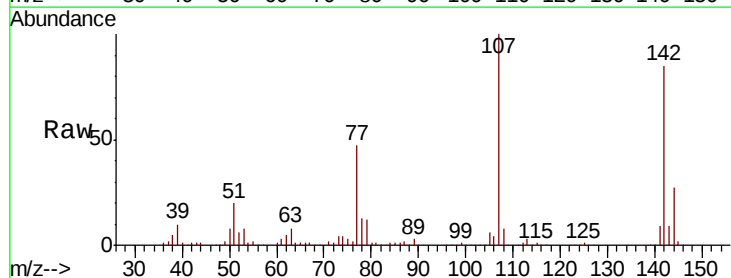


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

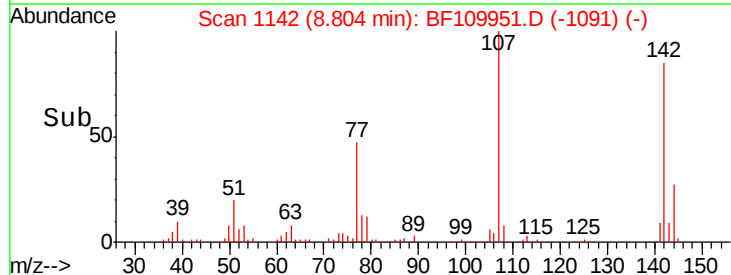
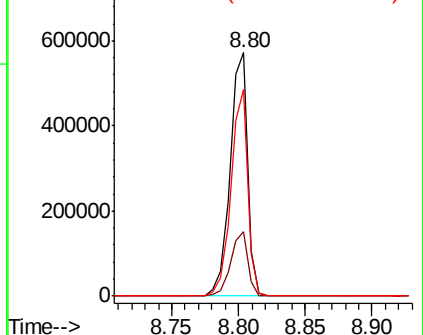


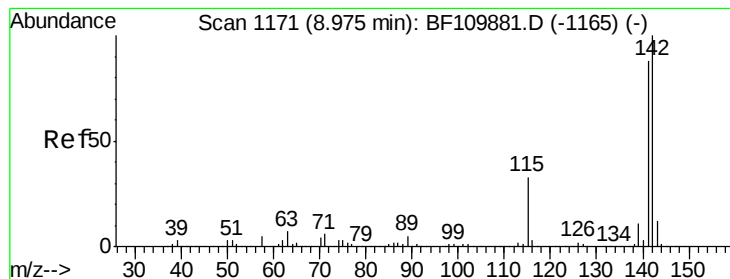
#36
 4-Chloro-3-methylphenol
 Concen: 39.570 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:107 Resp: 532768
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.0 30.0
 142 85.0 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

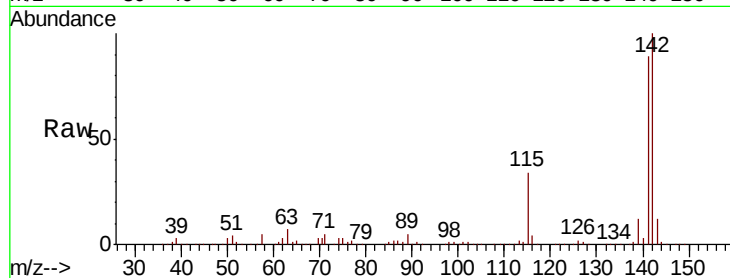




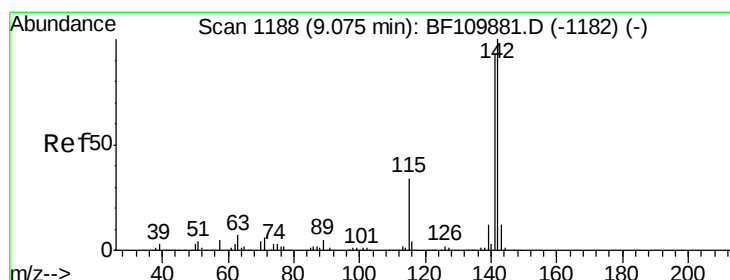
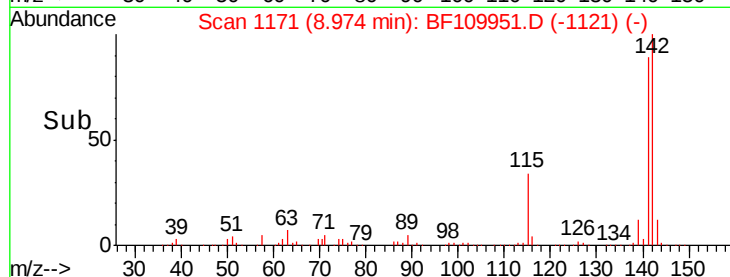
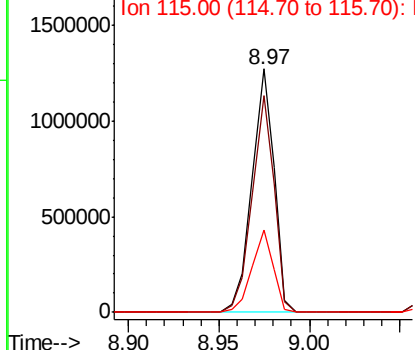
#37
 2-Methylnaphthalene
 Concen: 38.946 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1082914
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 33.6 28.7 43.1

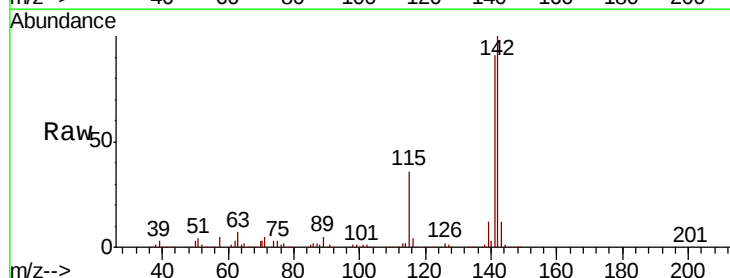


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

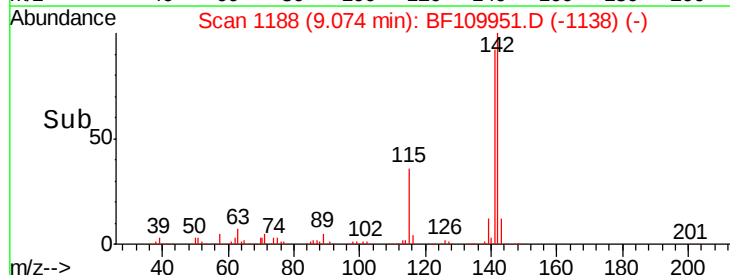
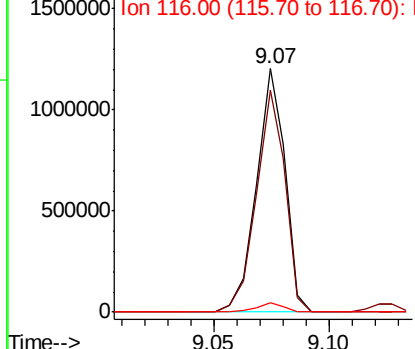


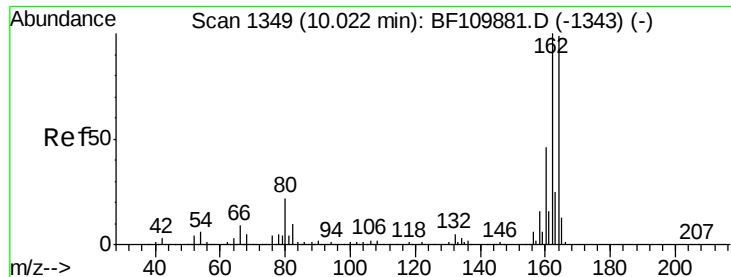
#38
 1-Methylnaphthalene
 Concen: 38.710 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:142 Resp: 1042990
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.2 111.4
 116 3.8 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: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

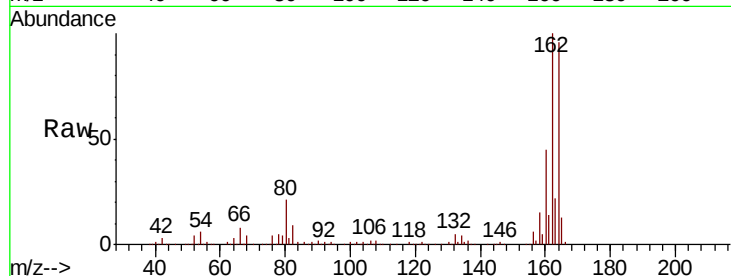
Tot Ion:164 Resp: 435946

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 46.7 37.0 55.6

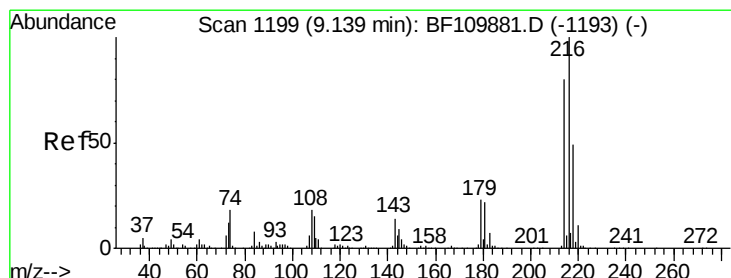
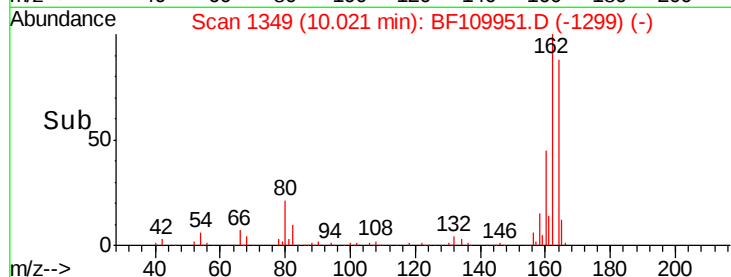
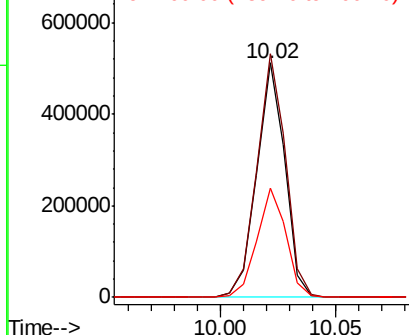


Abundance

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: 39.602 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Tgt Ion:216 Resp: 531756

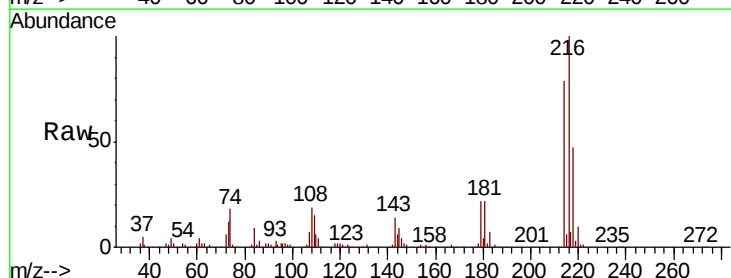
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.4 16.6 25.0

108 19.6 15.1 22.7



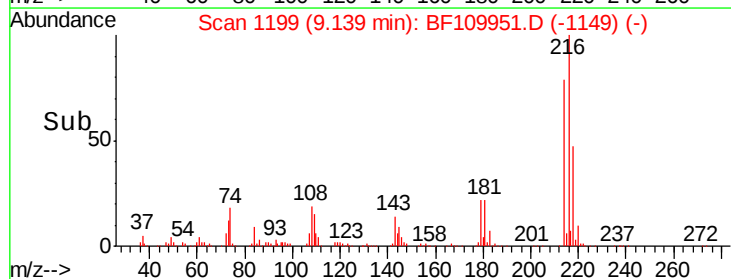
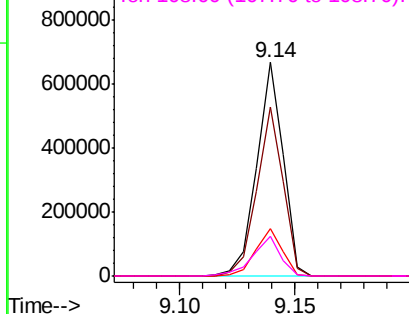
Abundance

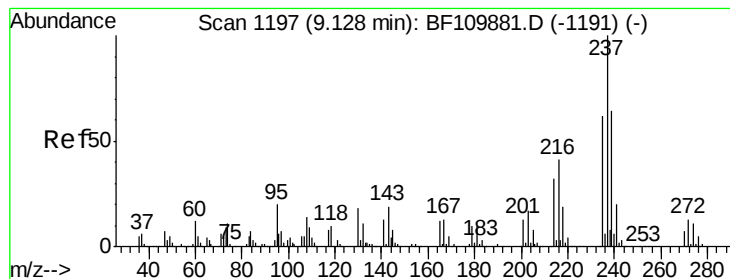
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.440 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

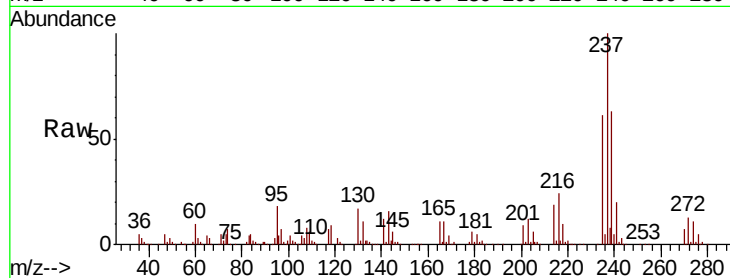
Tot Ion:237 Resp: 275050

Ion Ratio Lower Upper

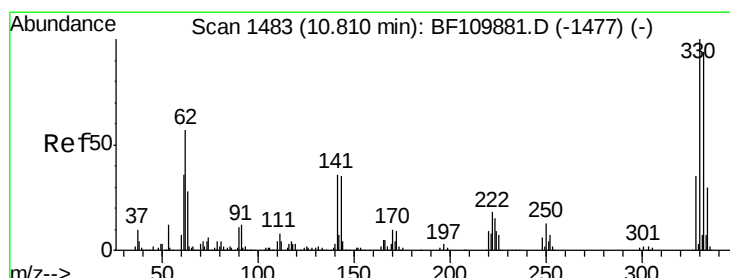
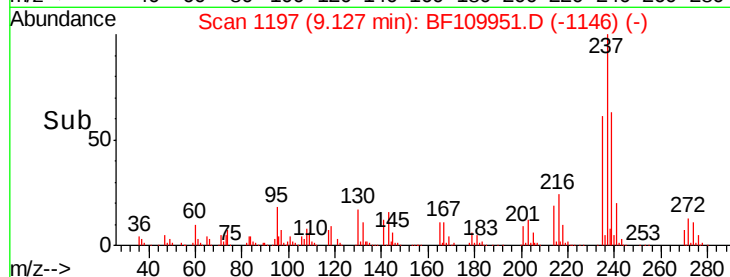
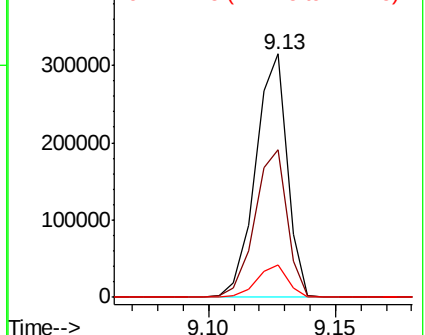
237 100

235 60.7 43.1 83.1

272 13.3 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: 88.928 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

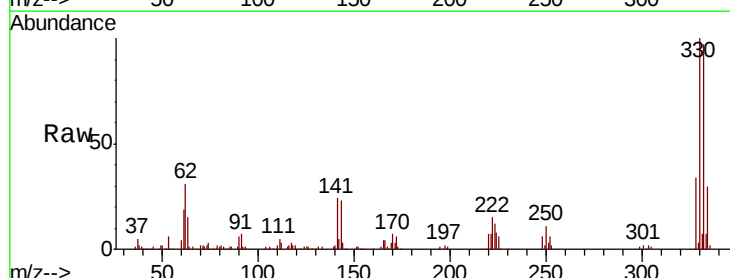
Tgt Ion:330 Resp: 335642

Ion Ratio Lower Upper

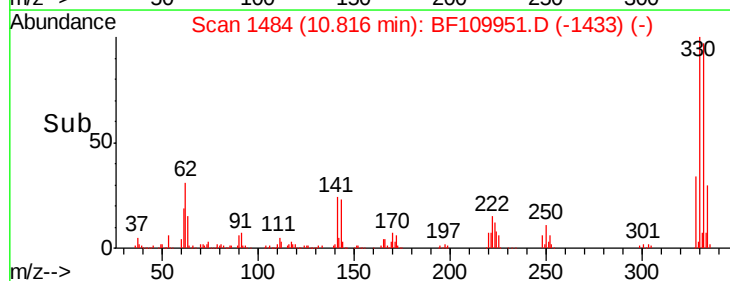
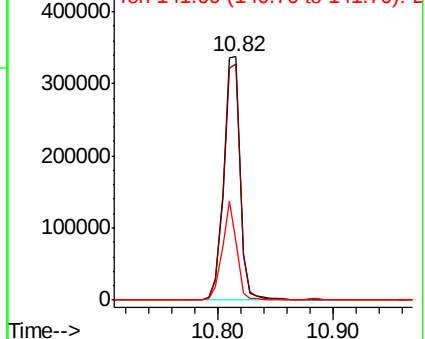
330 100

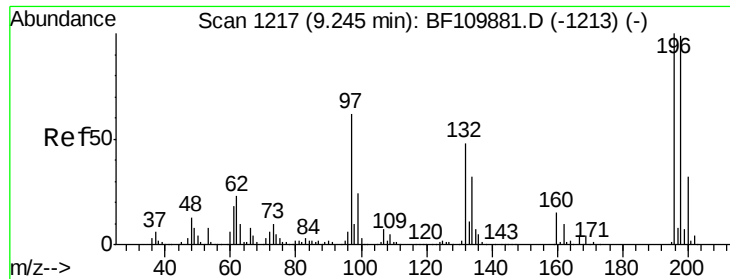
332 96.0 77.1 115.7

141 34.9 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

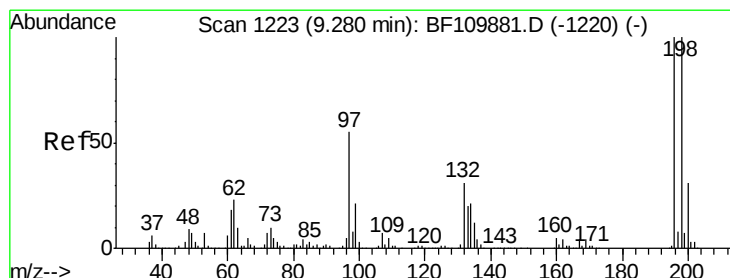
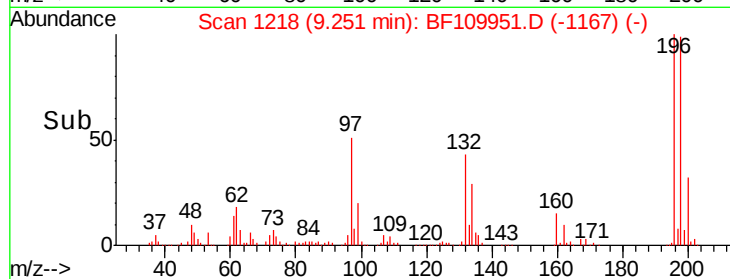
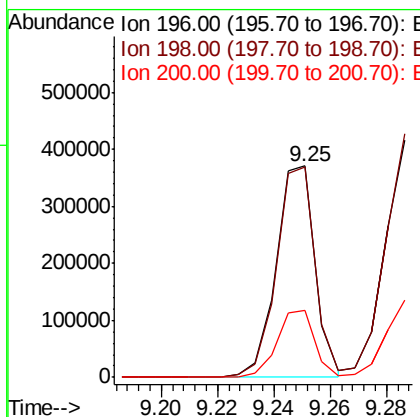
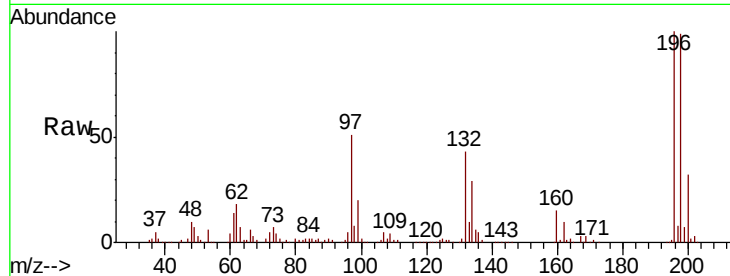




#43
 2,4,6-Trichlorophenol
 Concen: 41.990 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

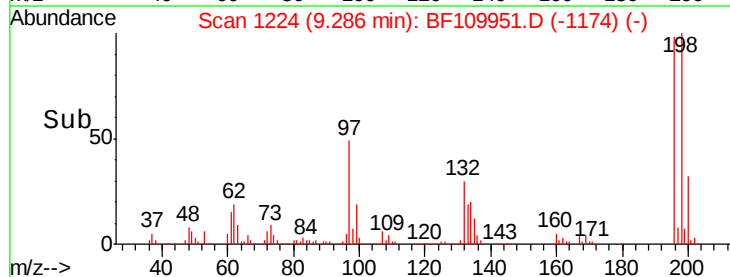
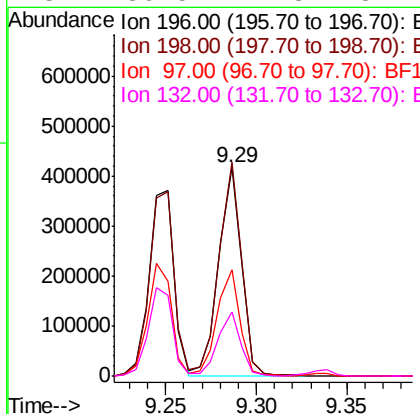
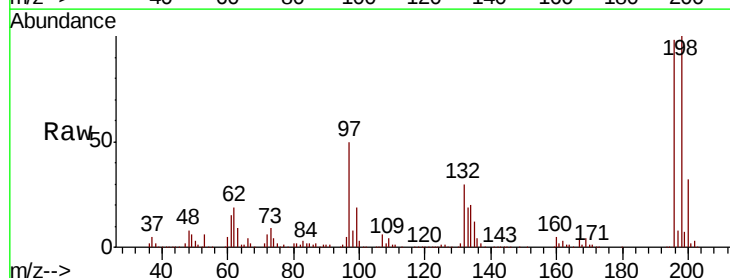
Instrument :
 BNA_F
 ClientSampled :

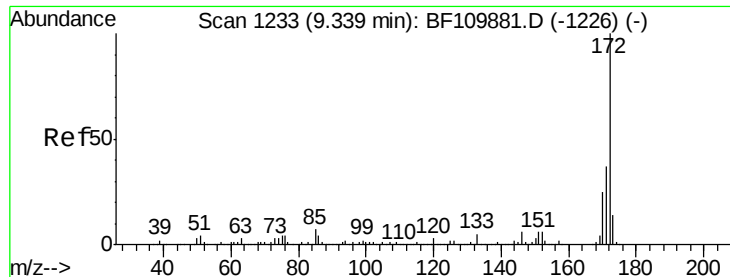
Tot Ion:196 Resp: 352552
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.2 114.4
 200 31.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.846 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:196 Resp: 364657
 Ion Ratio Lower Upper
 196 100
 198 102.4 75.8 113.6
 97 50.7 42.4 63.6
 132 30.5 22.8 34.2

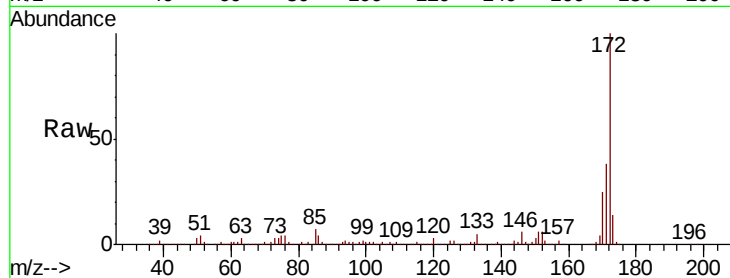




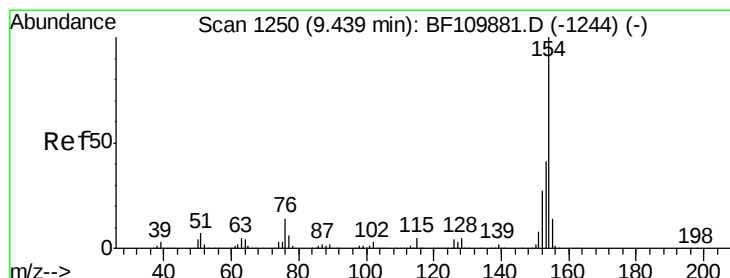
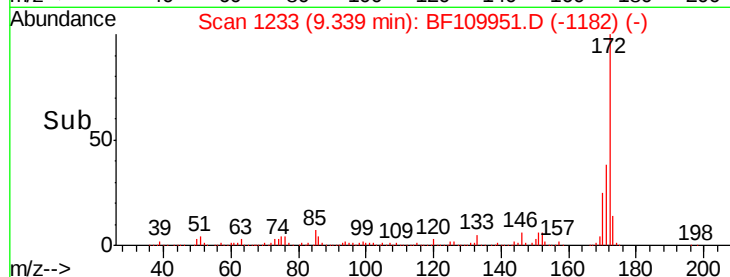
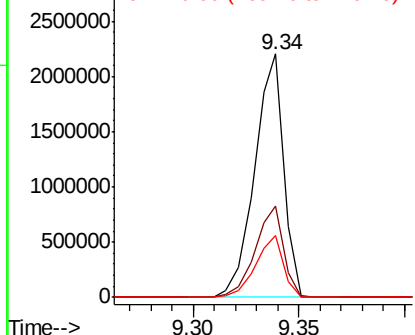
#45
2-Fluorobiphenyl
Concen: 76.935 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2101929
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.2 19.7 29.5

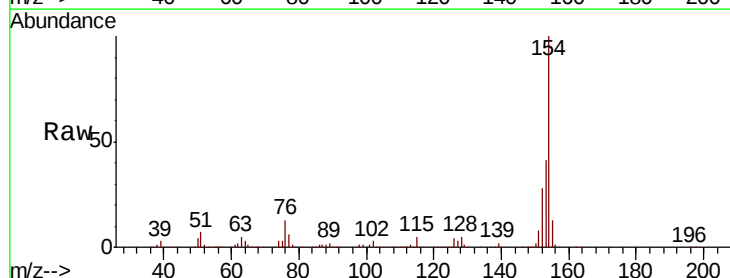


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

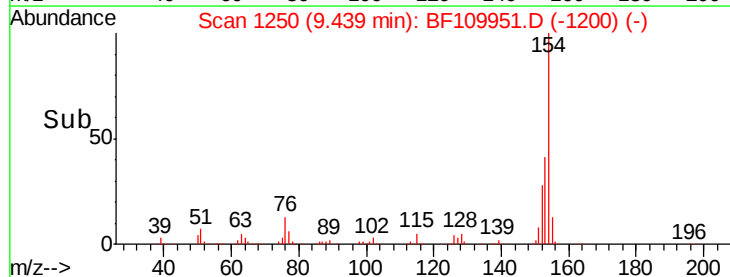
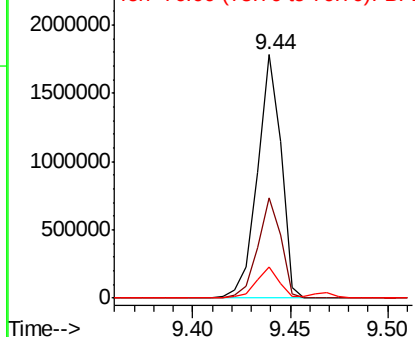


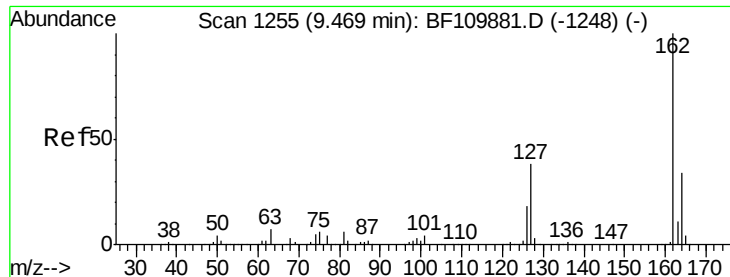
#46
1,1'-Biphenyl
Concen: 38.403 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:154 Resp: 1491622
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 12.9 0.0 31.9



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

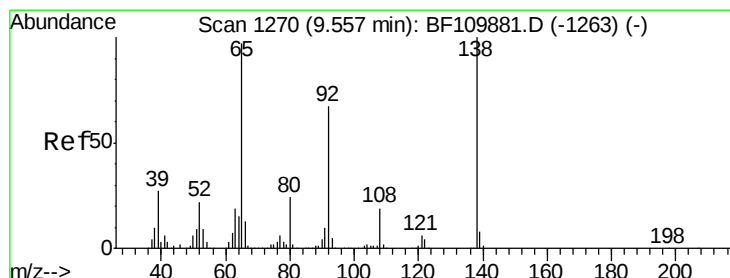
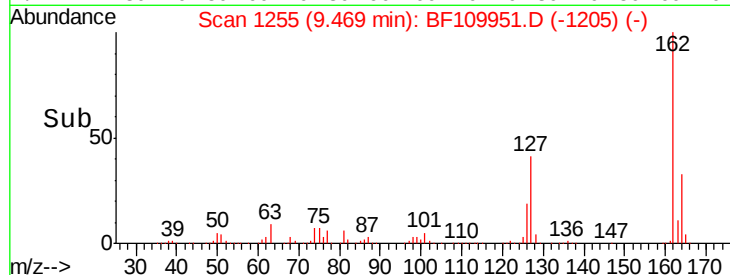
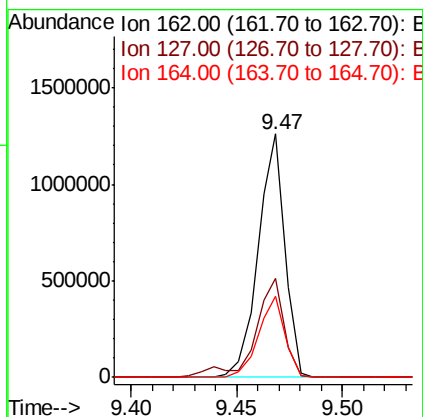
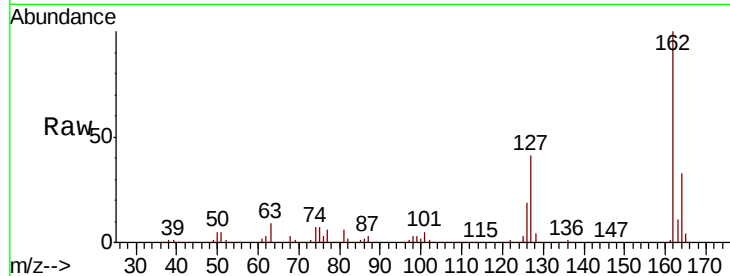




#47
 2-Chloronaphthalene
 Concen: 38.685 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

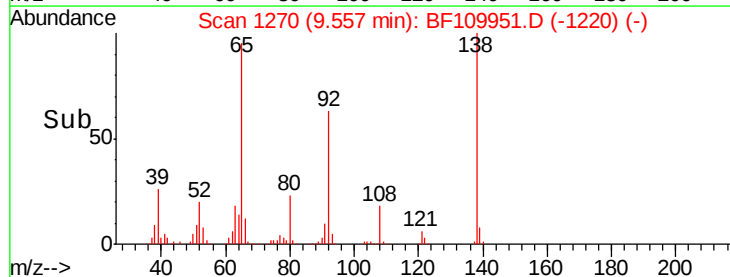
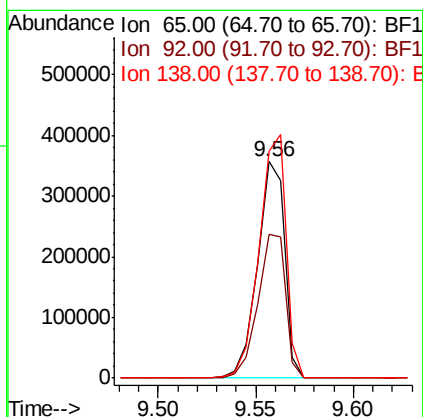
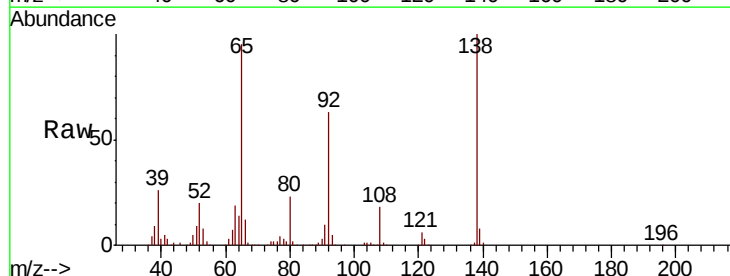
Instrument :
 BNA_F
 ClientSampleId :

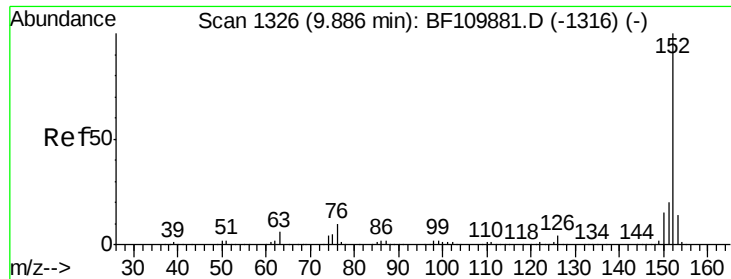
Tot Ion:162 Resp: 1106788
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 33.2 25.9 38.9



#48
 2-Nitroaniline
 Concen: 46.770 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion: 65 Resp: 343396
 Ion Ratio Lower Upper
 65 100
 92 66.4 54.6 81.8
 138 105.1 80.3 120.5





#49

Acenaphthylene

Concen: 38.712 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

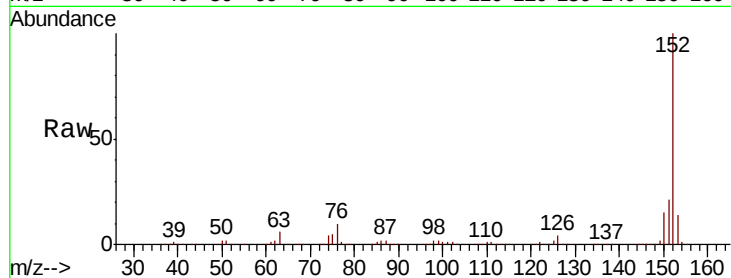
Tot Ion:152 Resp: 1608967

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

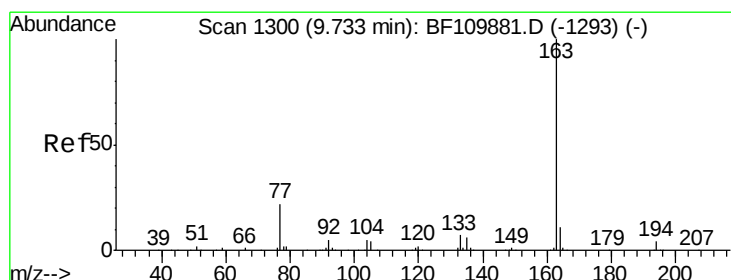
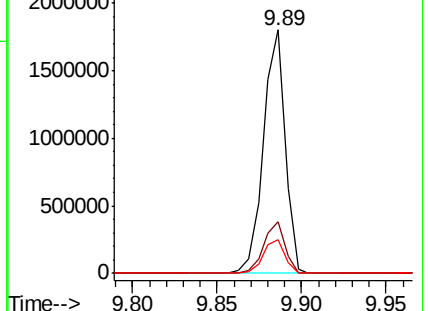
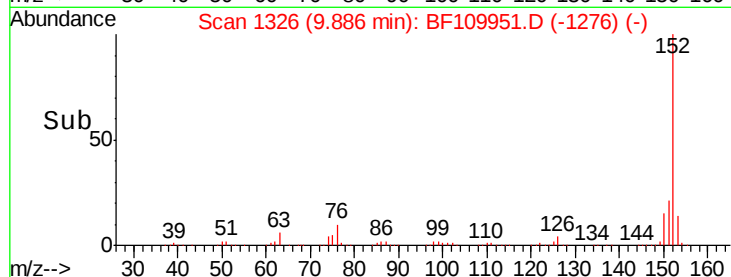
153 14.1 10.4 15.6



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: 38.583 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

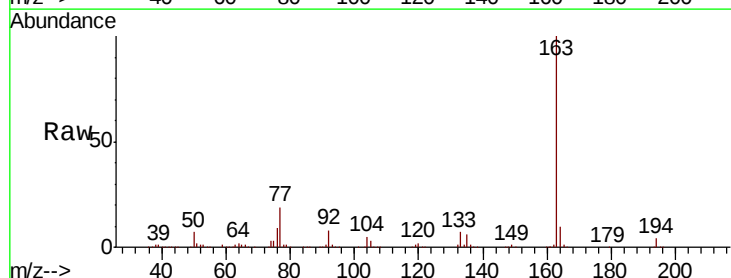
Tgt Ion:163 Resp: 1191008

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

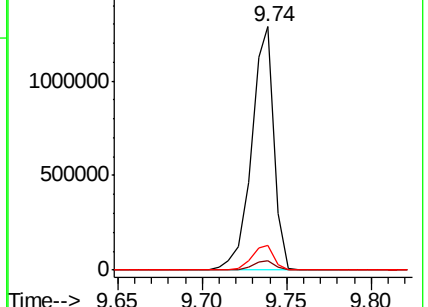
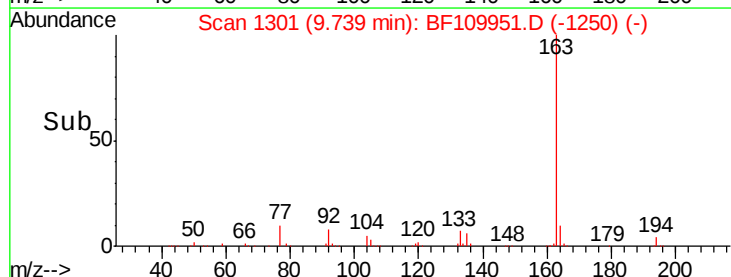
164 10.3 8.1 12.1

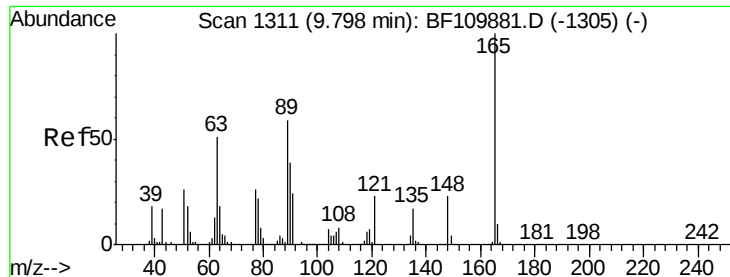


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

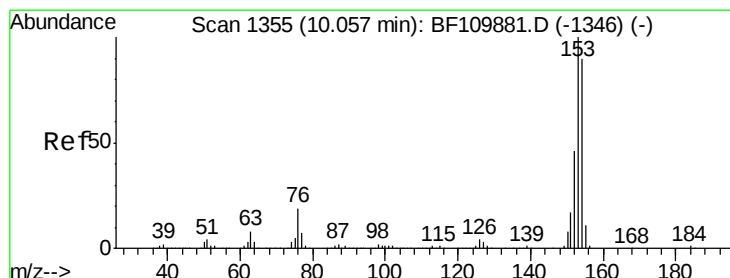
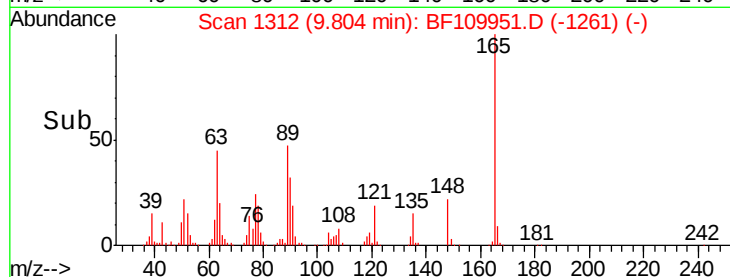
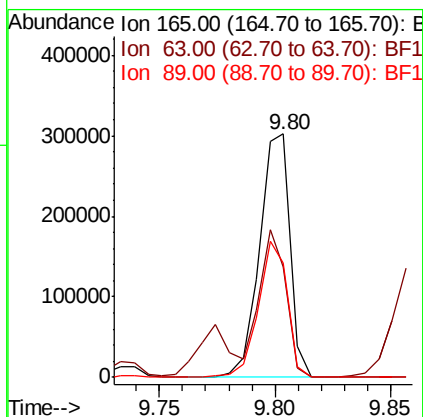
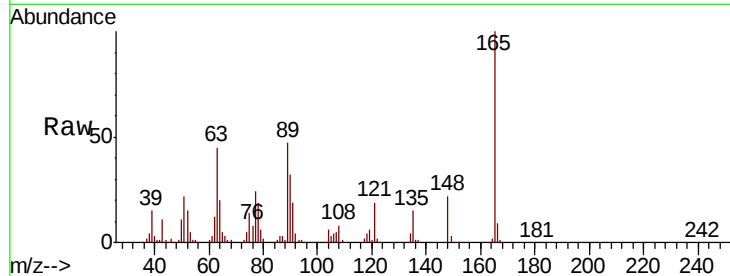




#51
2,6-Dinitrotoluene
Concen: 47.393 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

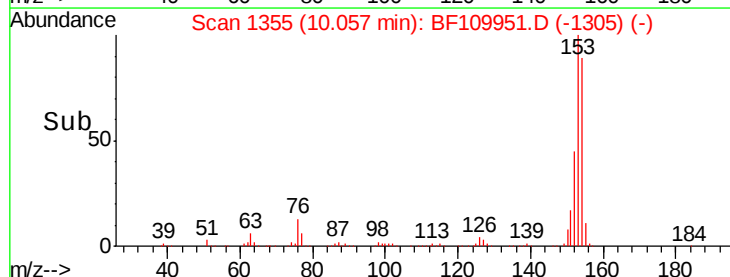
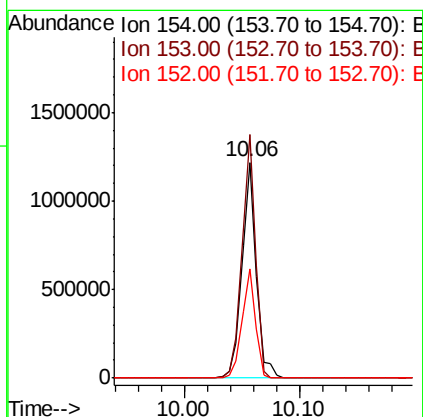
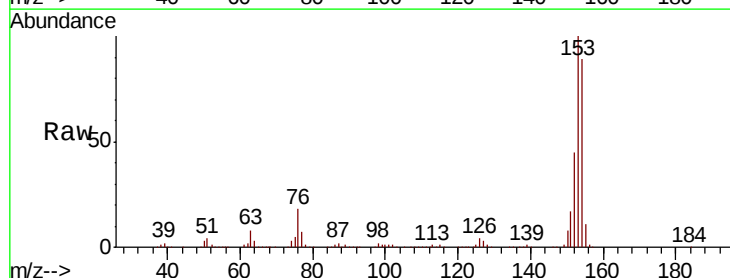
Instrument :
BNA_F
ClientSampleId :

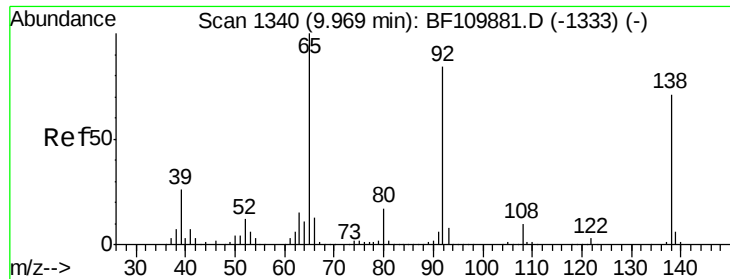
Tot Ion:165 Resp: 277867
Ion Ratio Lower Upper
165 100
63 45.4 48.9 73.3#
89 46.8 46.6 69.8



#52
Acenaphthene
Concen: 39.744 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:154 Resp: 1051673
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 50.6 43.4 65.2

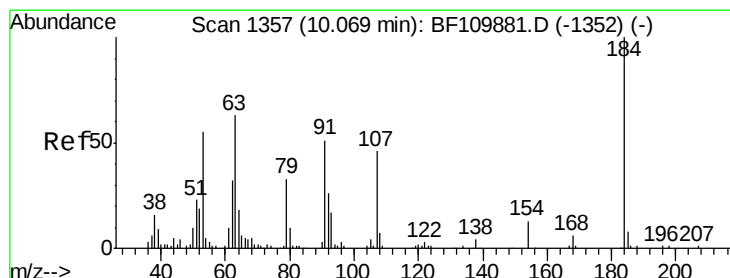
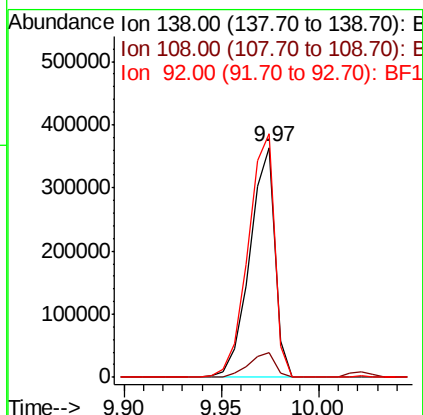
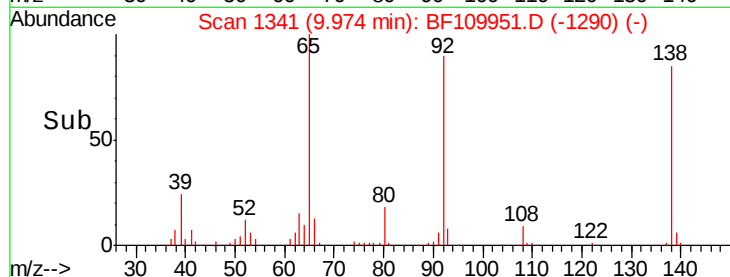
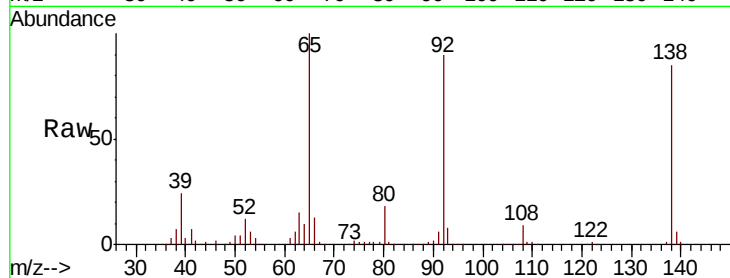




#53
 3-Nitroaniline
 Concen: 45.895 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

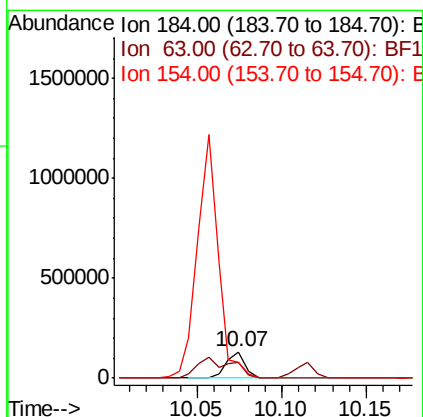
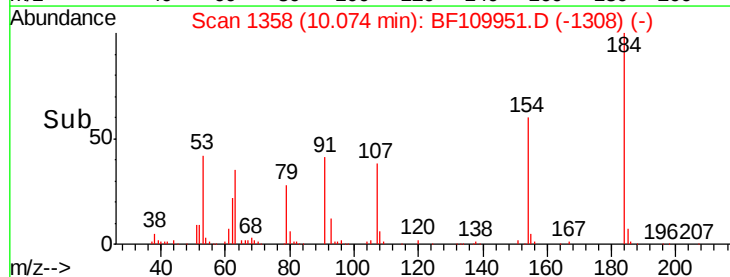
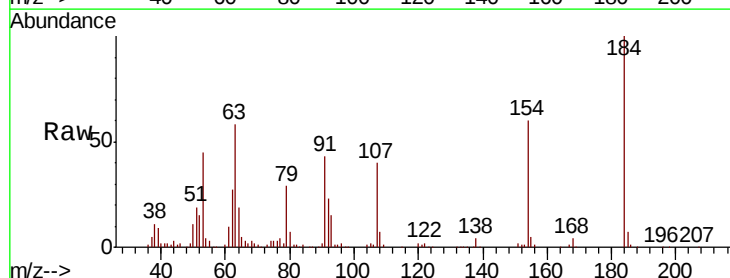
Instrument :
 BNA_F
 ClientSampleId :

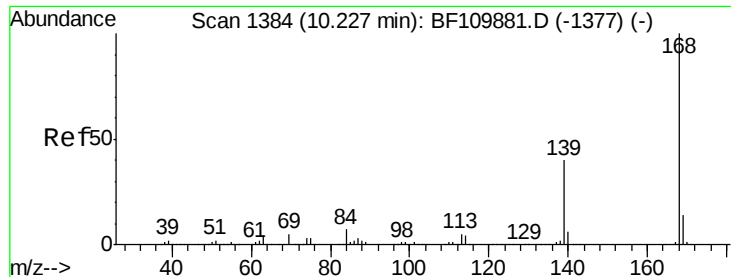
Tot Ion:138 Resp: 327323
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 105.9 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 57.269 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:184 Resp: 101644
 Ion Ratio Lower Upper
 184 100
 63 57.6 55.8 83.6
 154 60.5 63.2 94.8#

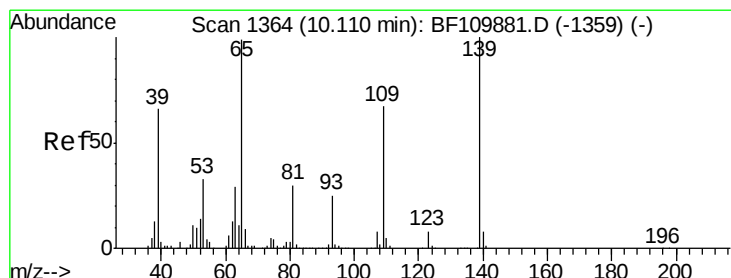
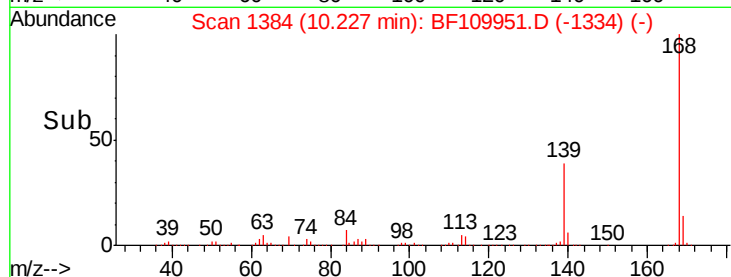
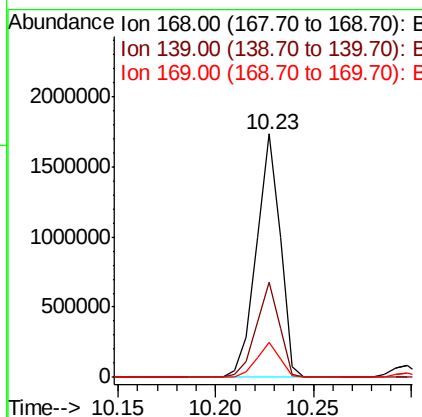
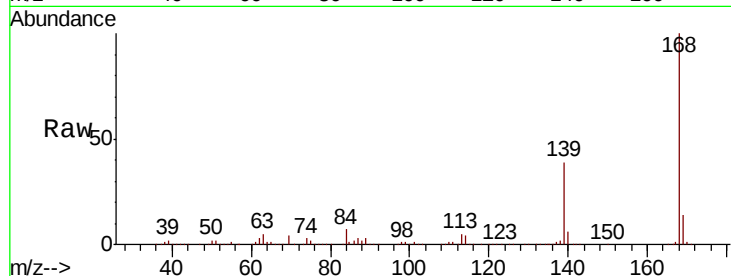




#55
Dibenzenofuran
Concen: 38.757 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

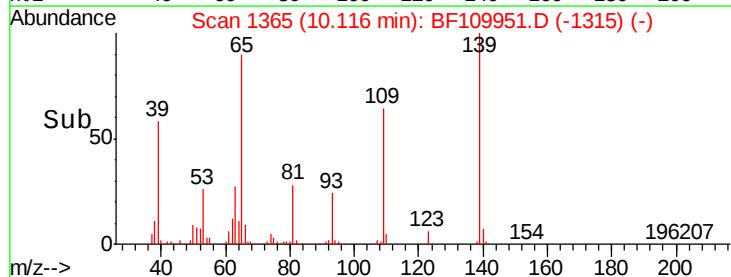
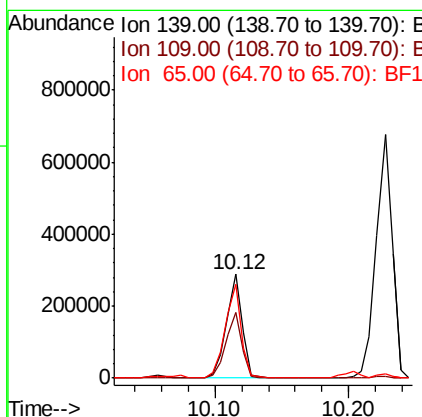
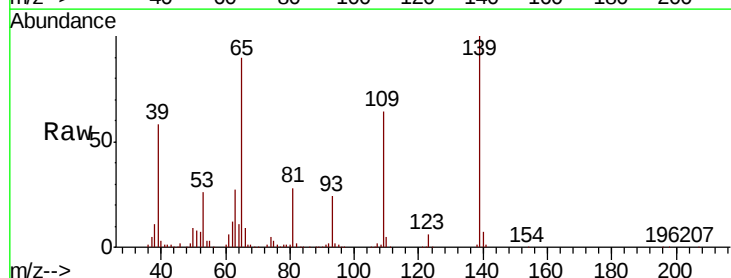
Instrument :
BNA_F
ClientSampleId :

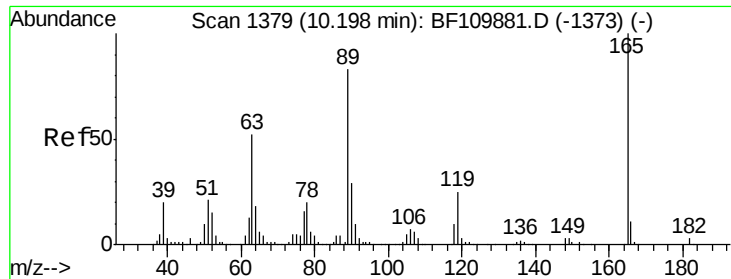
Tot Ion:168 Resp: 1462588
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 44.882 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:139 Resp: 244244
Ion Ratio Lower Upper
139 100
109 63.8 55.8 95.8
65 90.1 77.9 117.9

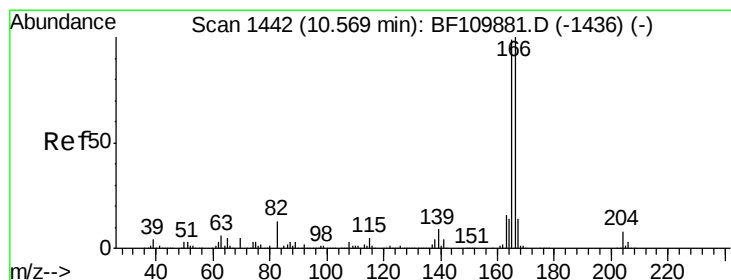
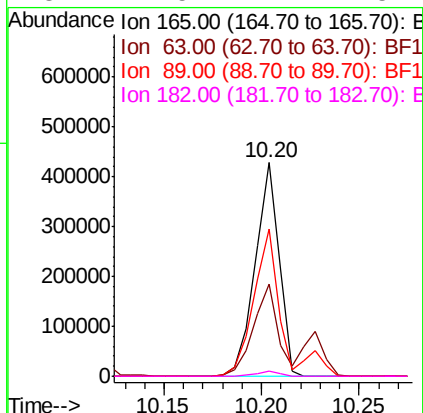
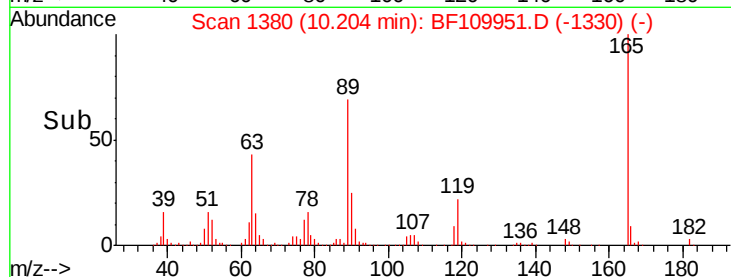
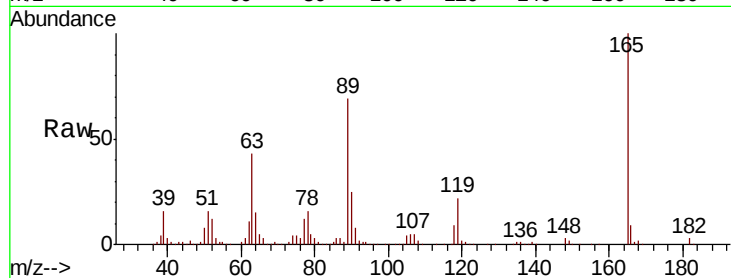




#57
2,4-Dinitrotoluene
Concen: 48.901 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

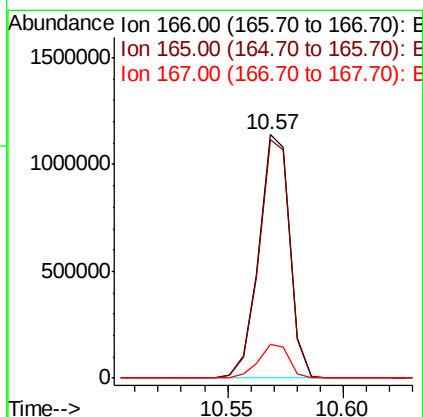
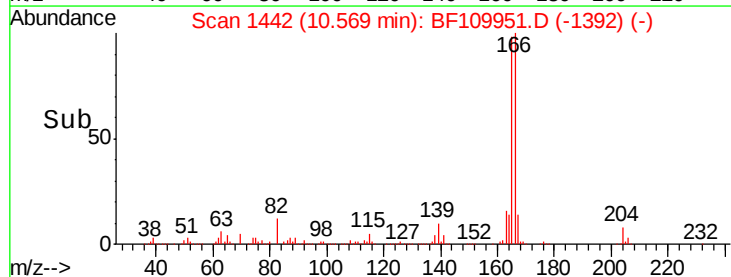
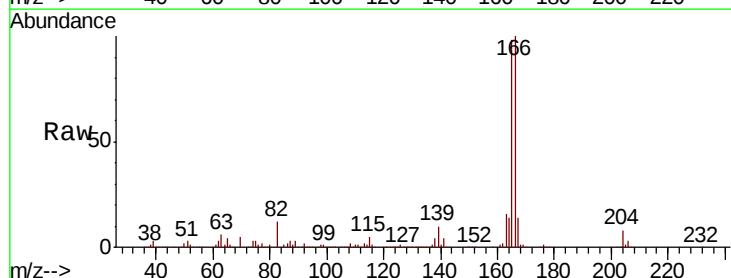
Instrument :
BNA_F
ClientSampleId :

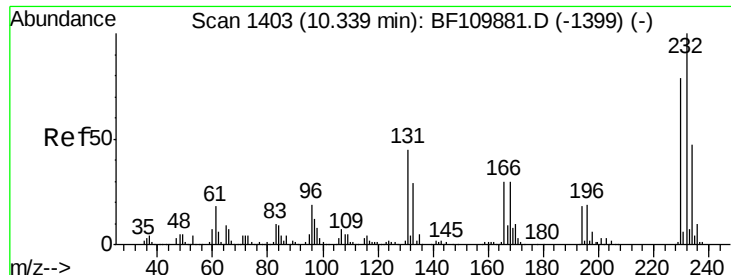
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	44.8	67.2#
89	69.1	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 38.758 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.8	10.8	16.2

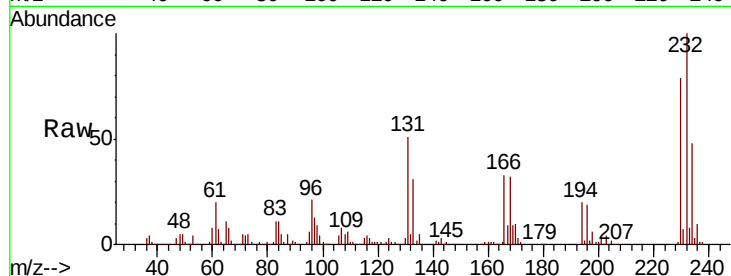




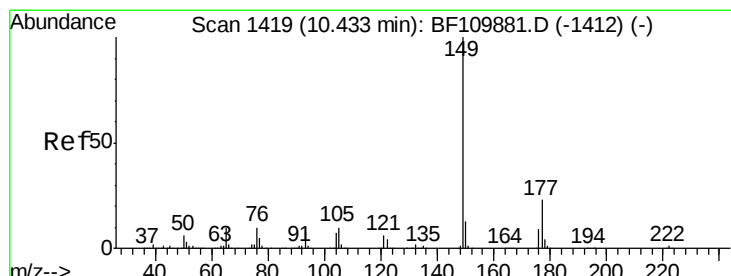
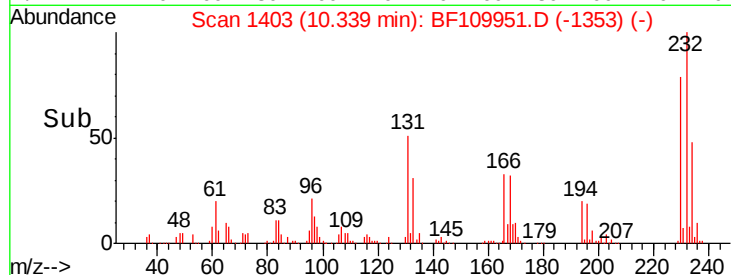
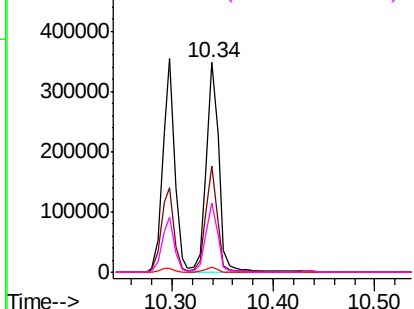
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.154 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 298028
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.4
130 2.3 1.8 2.6
166 31.3 22.0 33.0

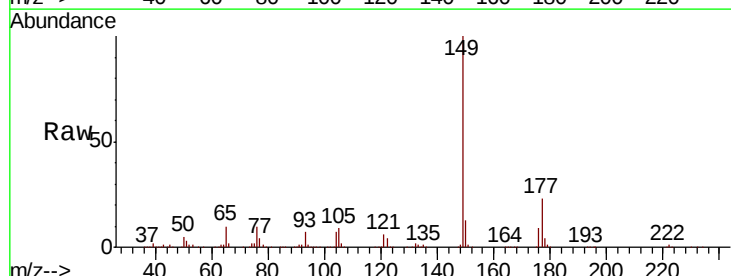


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

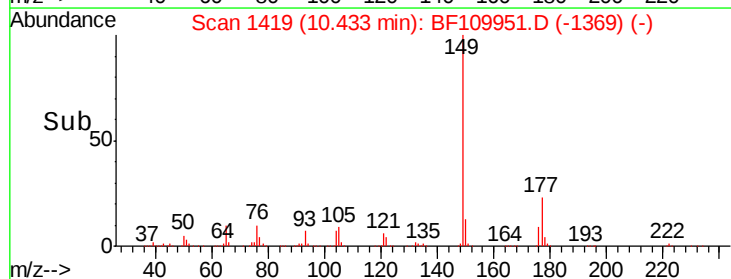
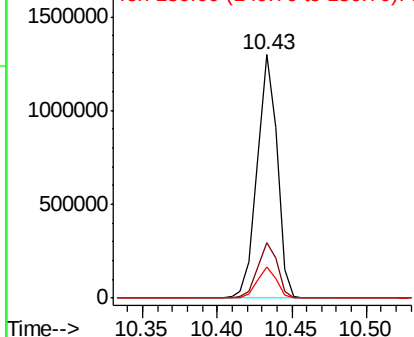


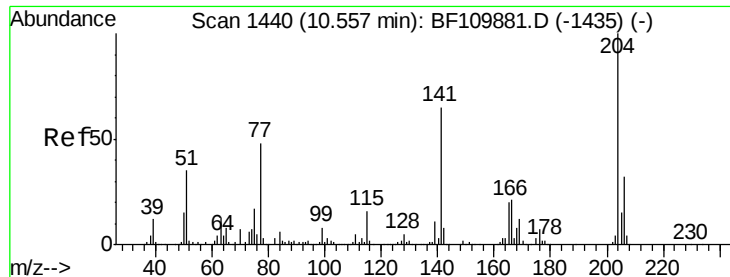
#60
Diethylphthalate
Concen: 38.848 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:149 Resp: 1184421
Ion Ratio Lower Upper
149 100
177 22.7 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

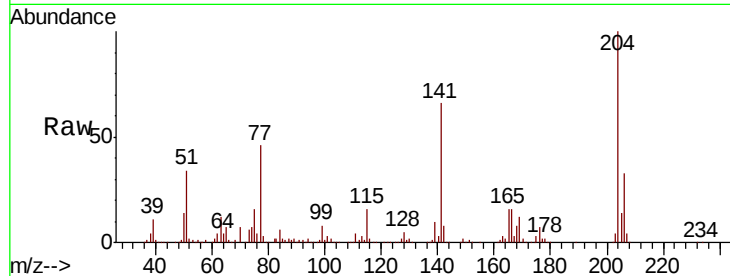




#61
4-Chlorophenyl-phenylether
Concen: 39.655 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	66.1	51.8	77.8

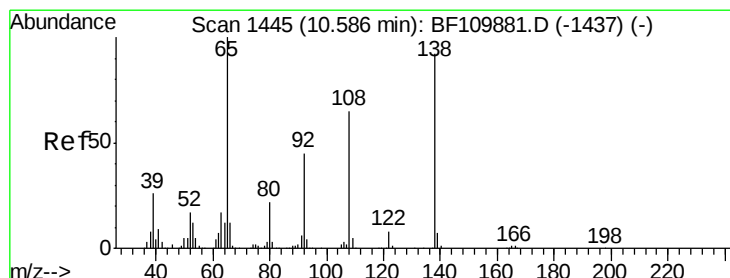
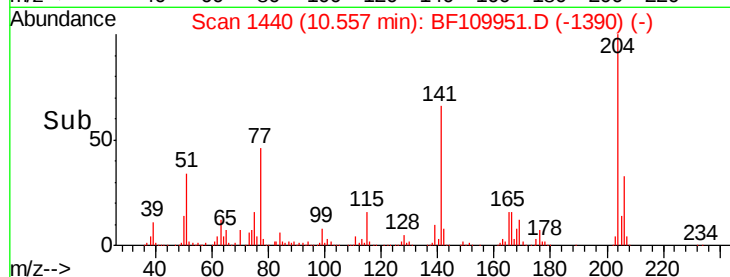
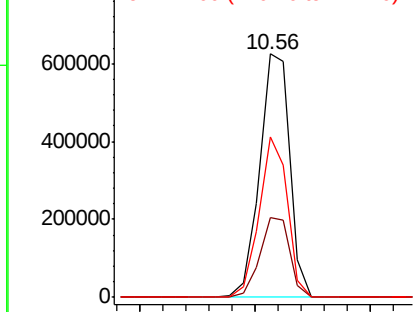


Abundance

Ion 204.00 (203.70 to 204.70): E

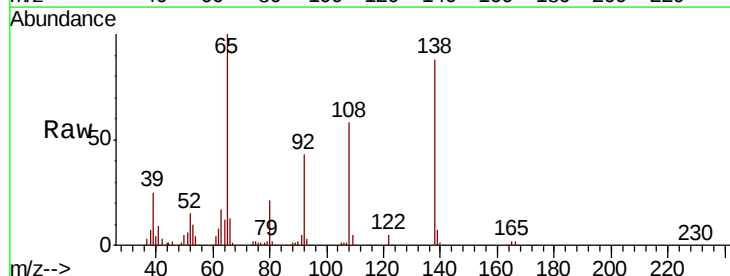
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.815 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	66.0	59.3	99.3

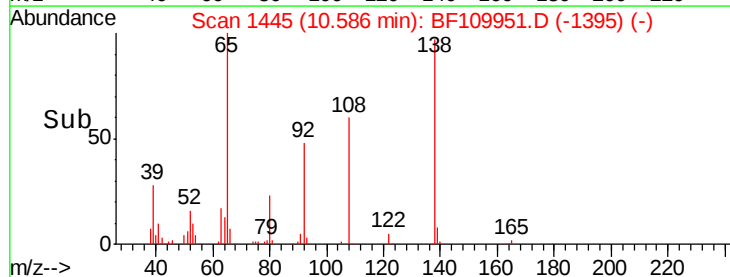
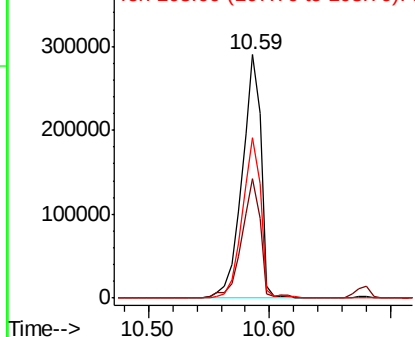


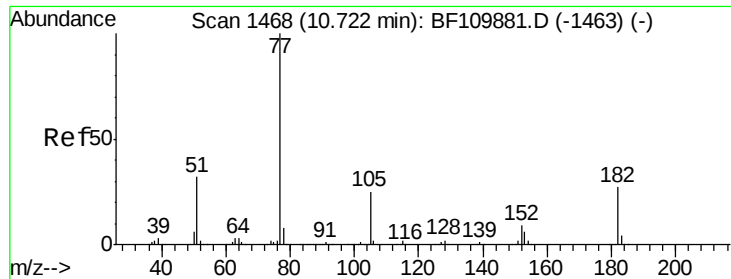
Abundance

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



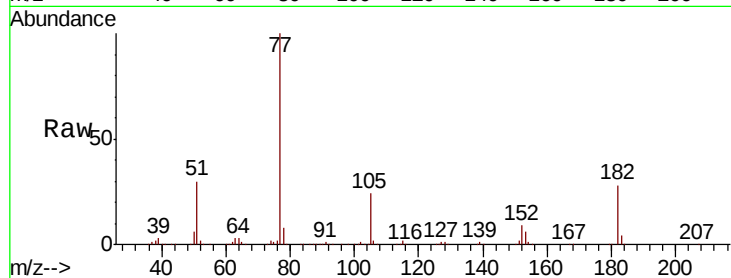


#63
Azobenzene
Concen: 36.742 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1170272

Ion	Ratio	Lower	Upper
77	100		
182	27.7	4.3	44.3
105	24.1	1.3	41.3
51	30.2	9.0	49.0



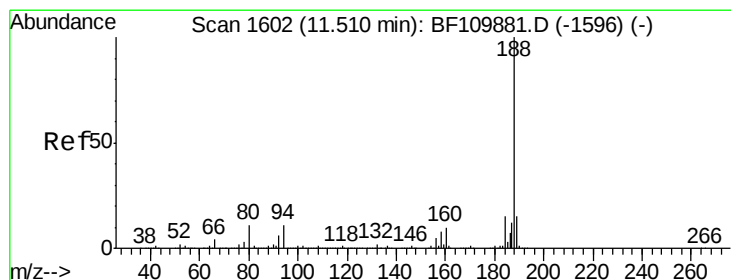
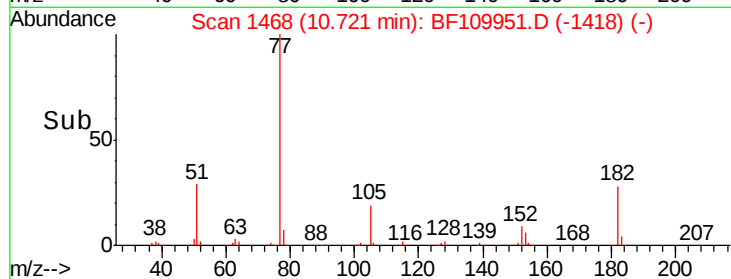
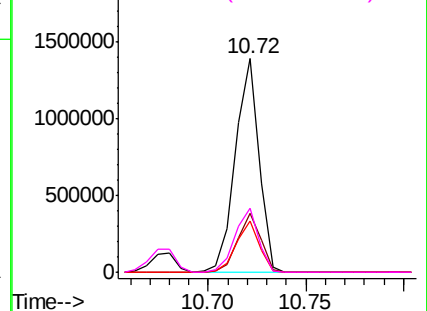
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

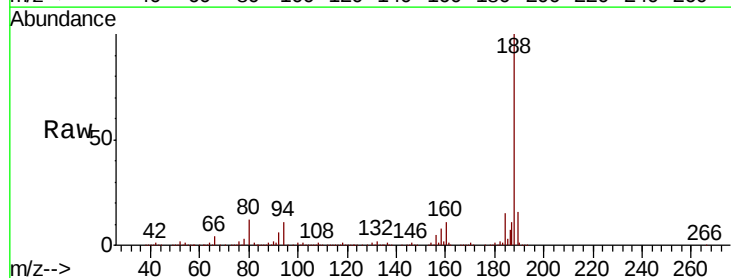
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion: 188 Resp: 805129

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

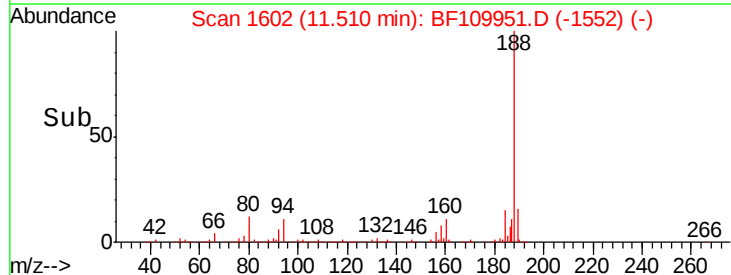
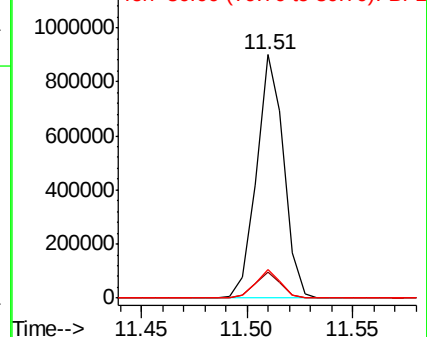


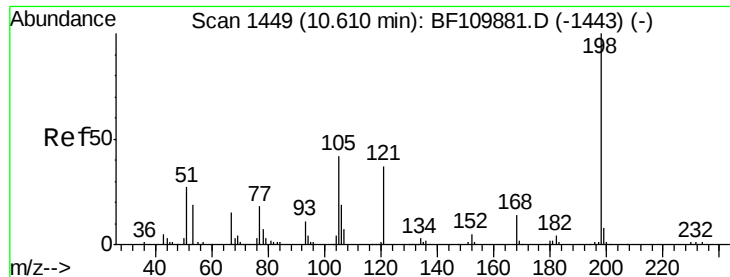
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

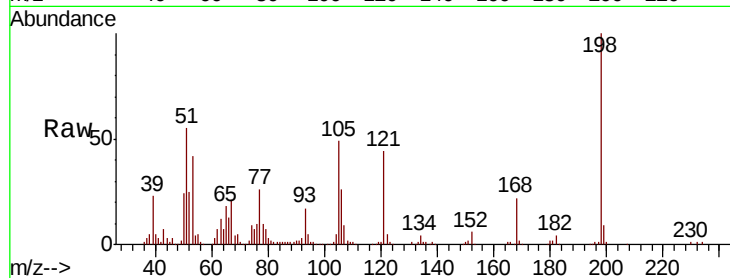




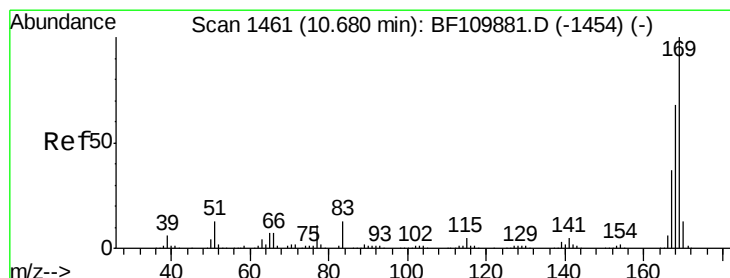
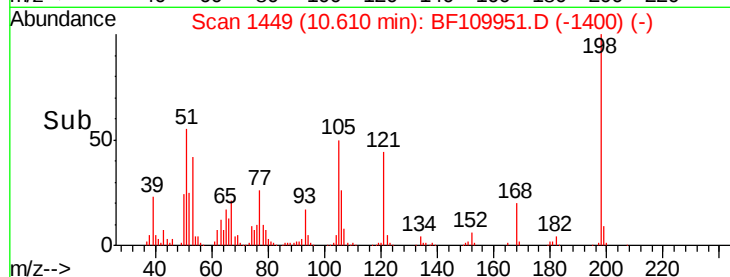
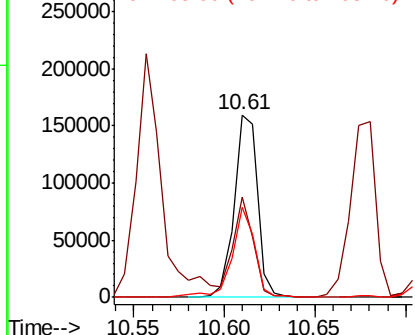
#65
4,6-Dinitro-2-methylphenol
Concen: 49.045 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 143654
Ion Ratio Lower Upper
198 100
51 55.0 22.8 62.8
105 49.4 23.6 63.6

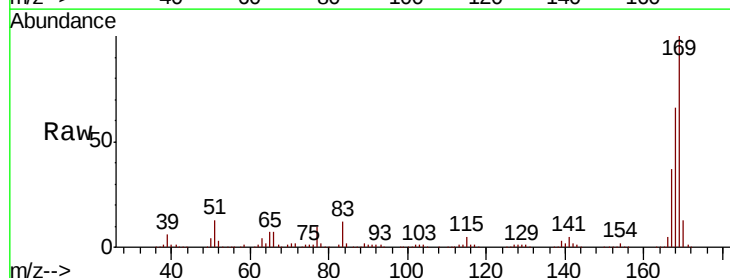


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

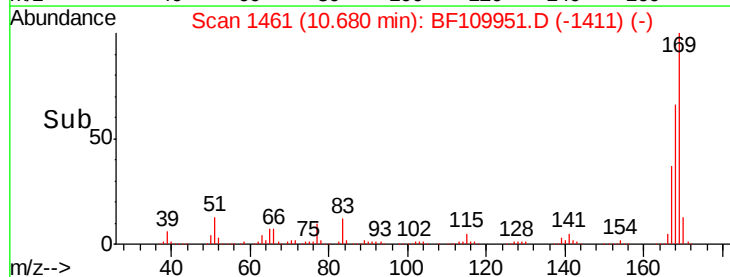
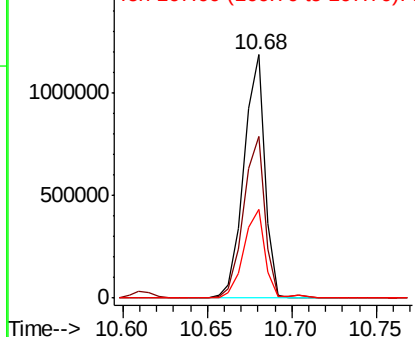


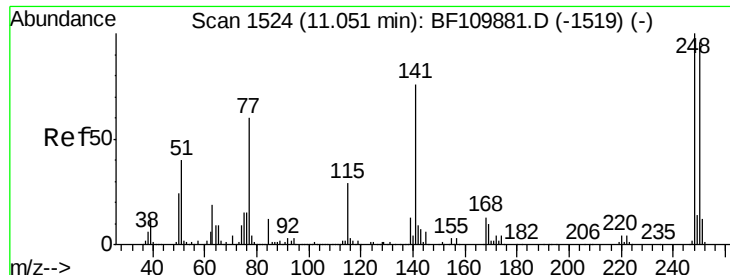
#66
n-Nitrosodiphenylamine
Concen: 38.361 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:169 Resp: 1028687
Ion Ratio Lower Upper
169 100
168 66.2 51.2 76.8
167 36.6 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

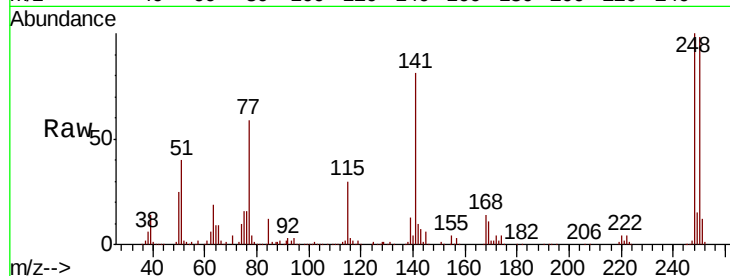




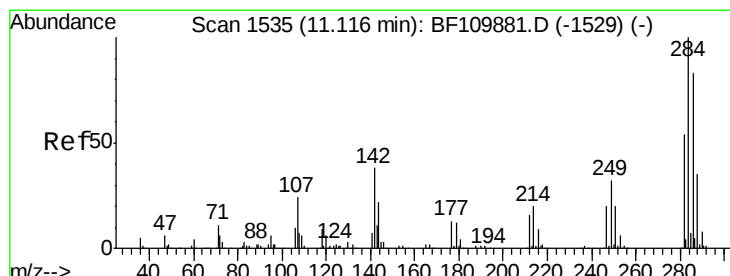
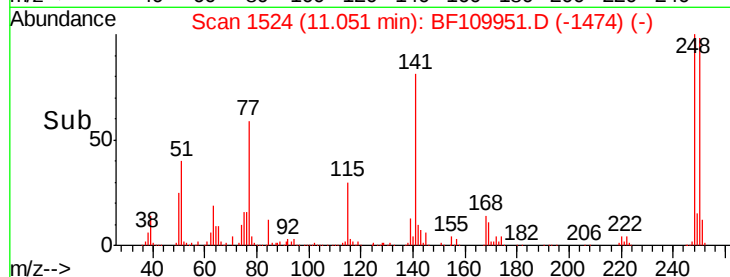
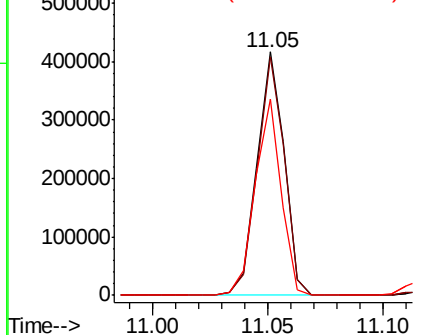
#67
 4-Bromophenyl-phenylether
 Concen: 39.177 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 341838
 Ion Ratio Lower Upper
 248 100
 250 97.8 79.4 119.2
 141 80.7 55.9 83.9

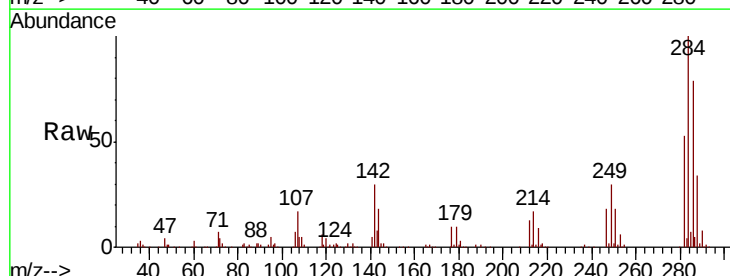


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

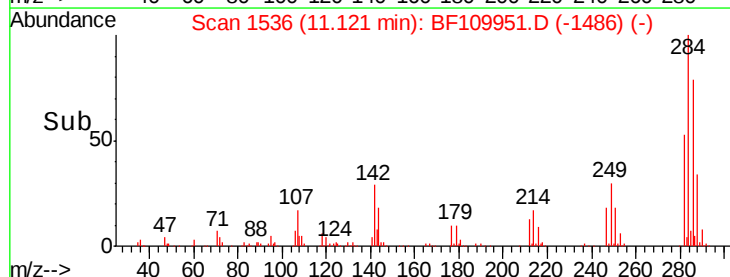
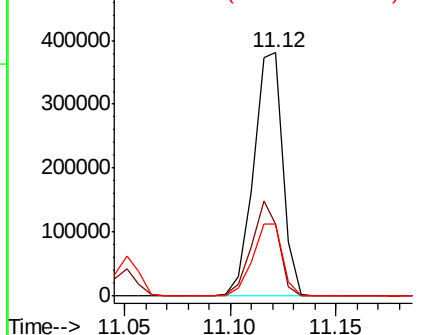


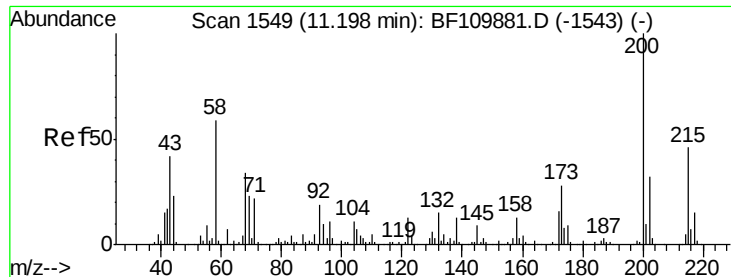
#68
 Hexachlorobenzene
 Concen: 39.468 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:284 Resp: 367238
 Ion Ratio Lower Upper
 284 100
 142 29.6 23.9 35.9
 249 29.7 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

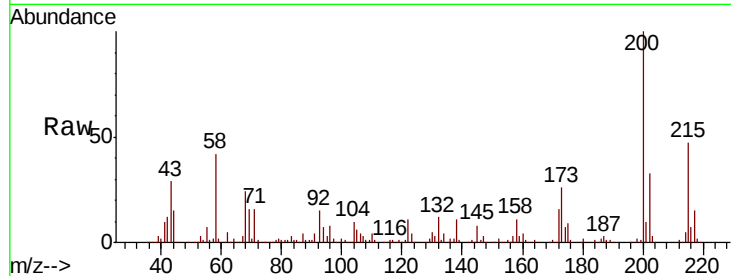




#69
 Atrazine
 Concen: 39.983 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	46.9	26.3	66.3

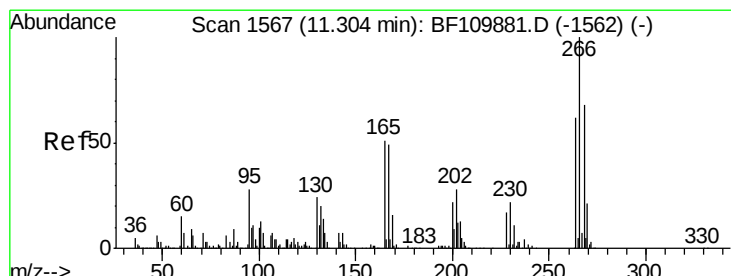
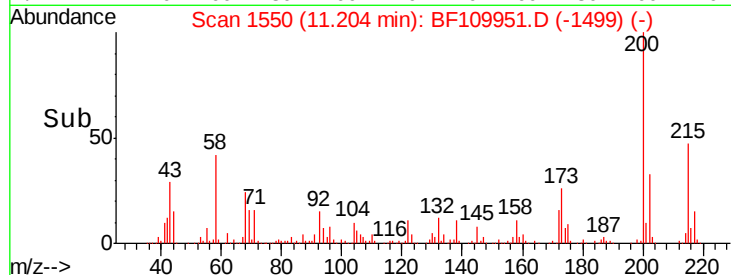
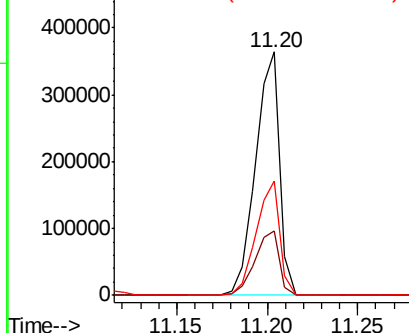


Abundance

Ion 200.00 (199.70 to 200.70): E

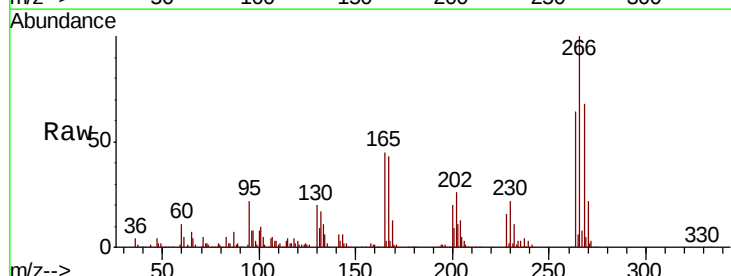
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.967 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	50.6	75.8
264	64.0	50.6	75.8

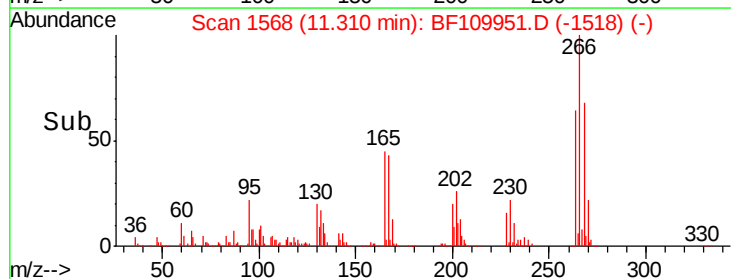
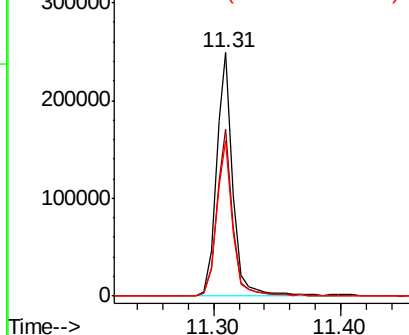


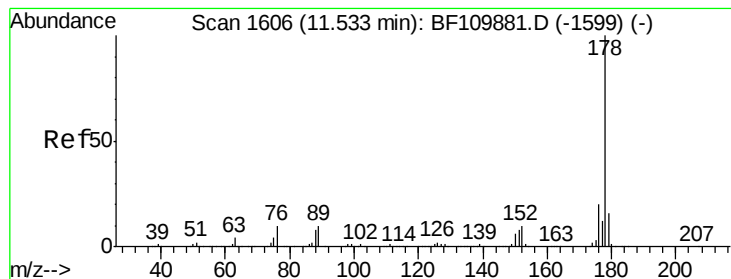
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.949 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampled :

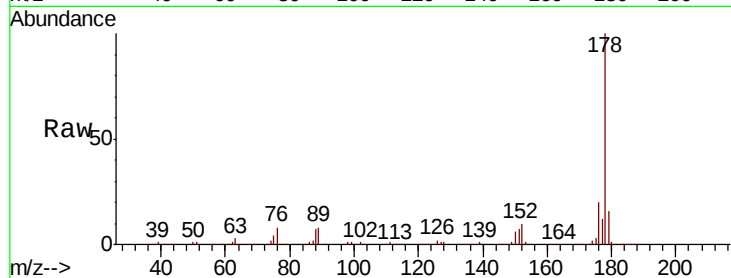
Tot Ion:178 Resp: 1581791

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

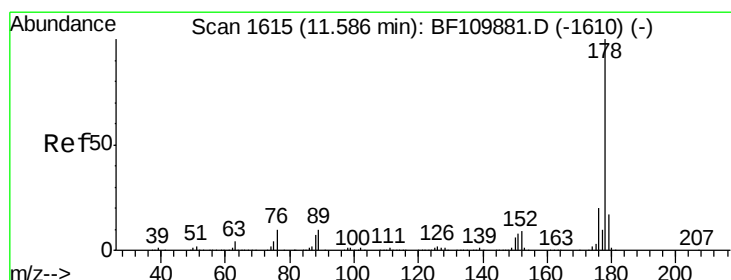
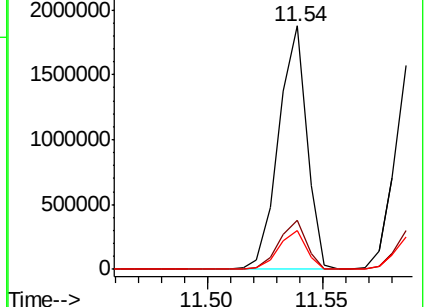
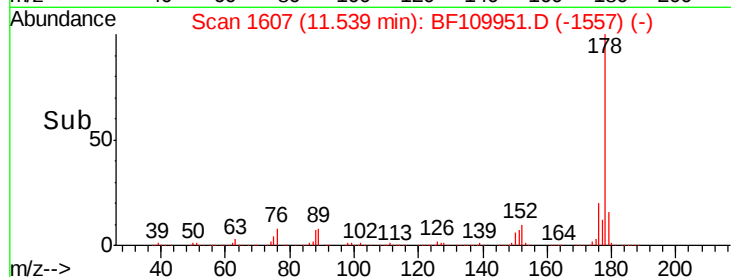
179 15.7 12.5 18.7



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: 38.397 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

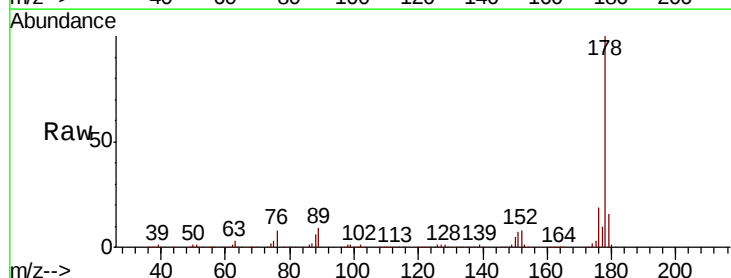
Tgt Ion:178 Resp: 1609037

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

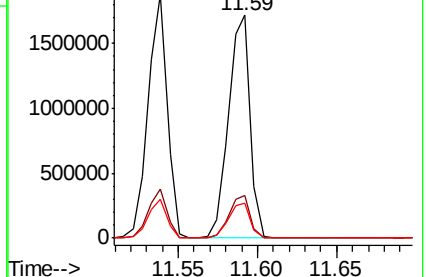
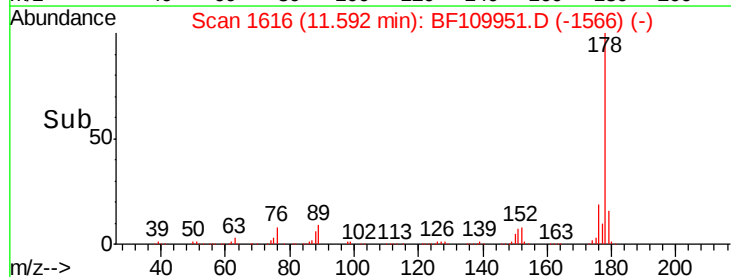
179 15.9 12.6 18.8

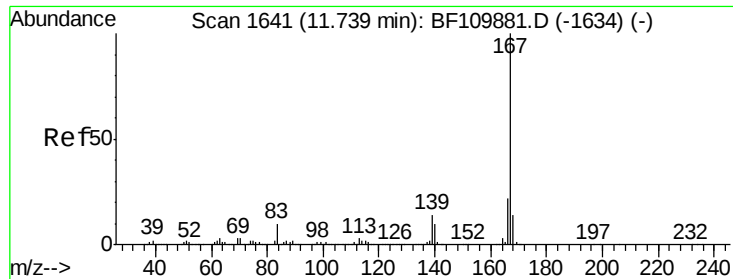


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



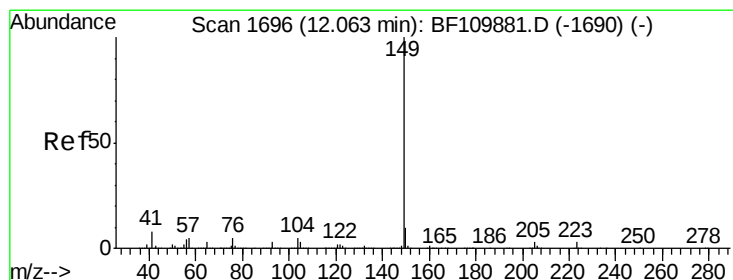
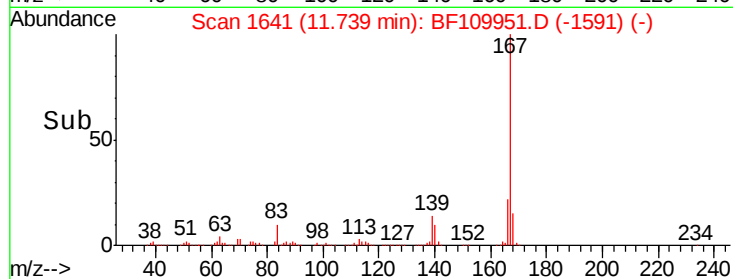
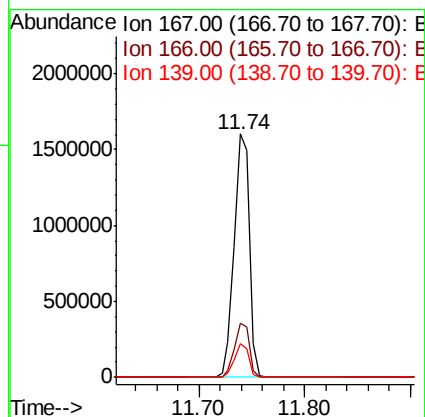
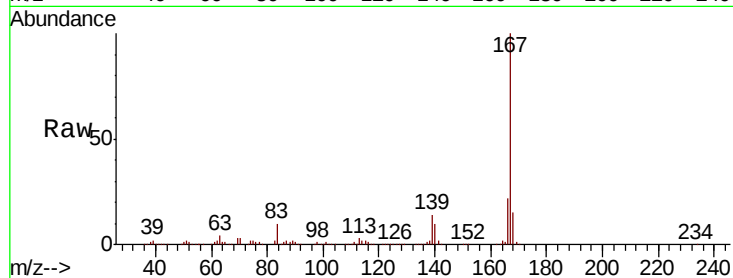


#73
 Carbazole
 Concen: 38.105 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1569317

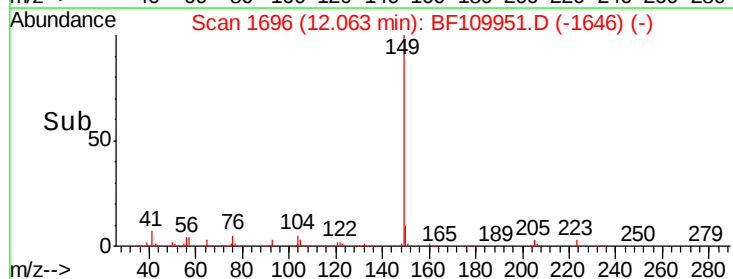
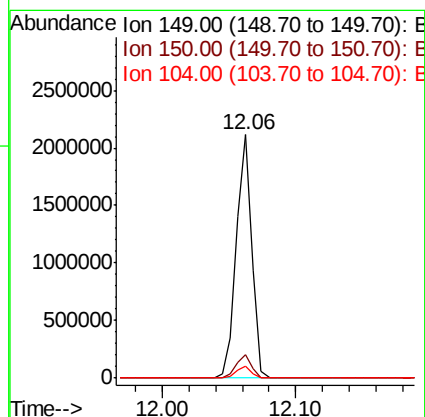
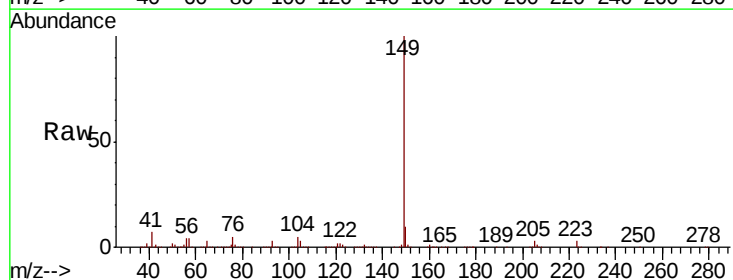
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.7	10.9	16.3

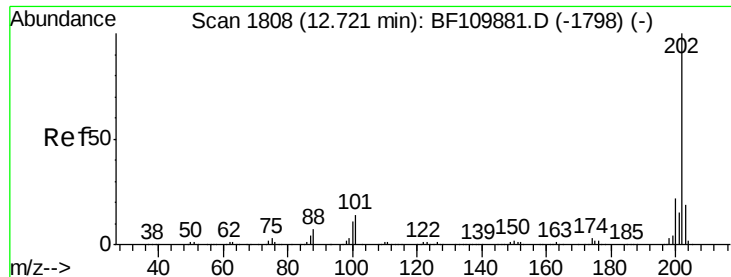


#74
 Di-n-butylphthalate
 Concen: 37.695 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109951.D
 Acq: 18 Oct 2018 10:42

Tgt Ion:149 Resp: 1732579

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 37.949 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

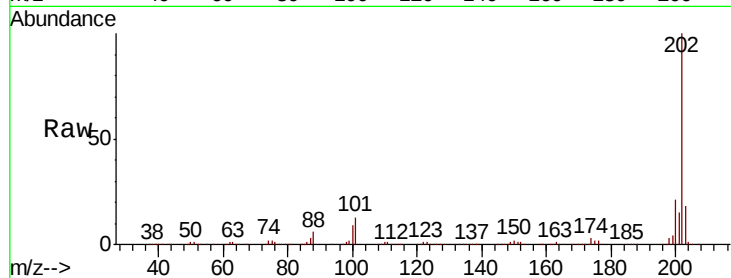
Tot Ion:202 Resp: 1580206

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.4

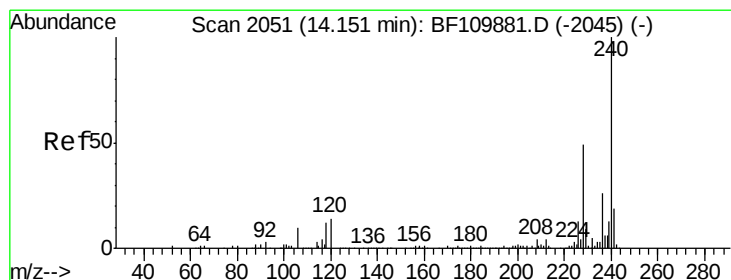
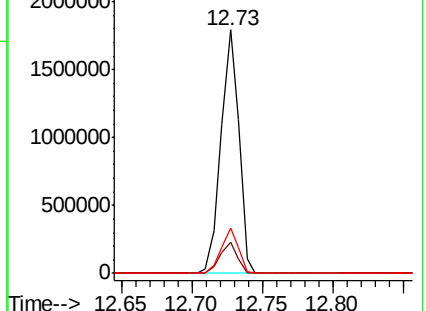
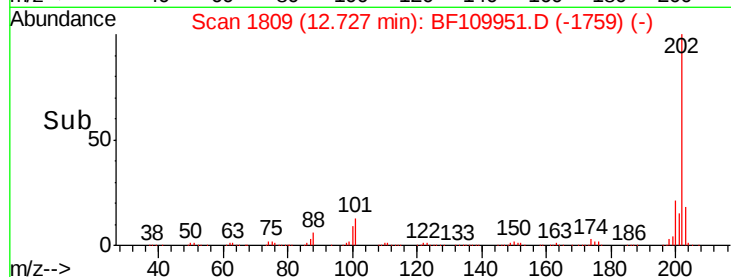
203 18.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

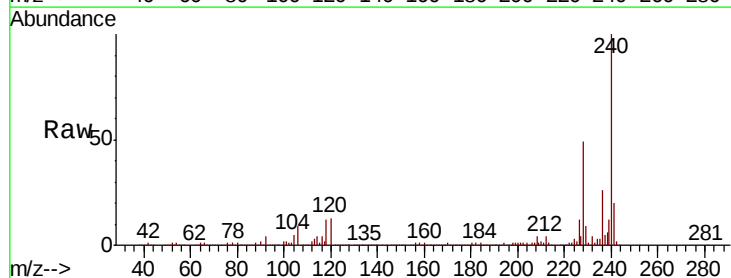
Tgt Ion:240 Resp: 535318

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

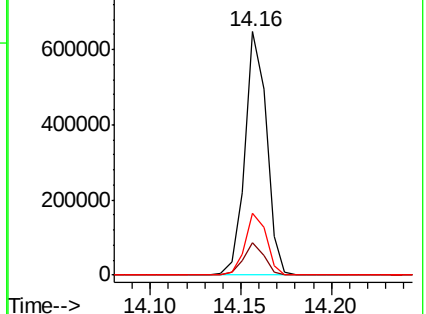
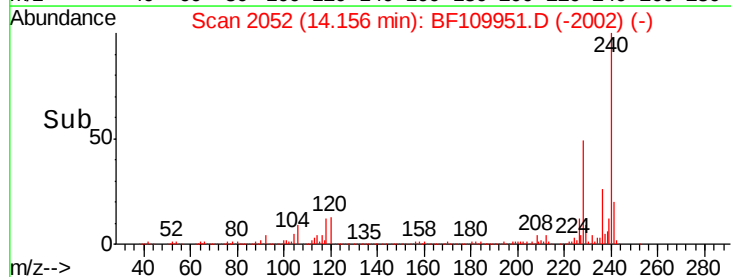
236 25.6 21.2 31.8

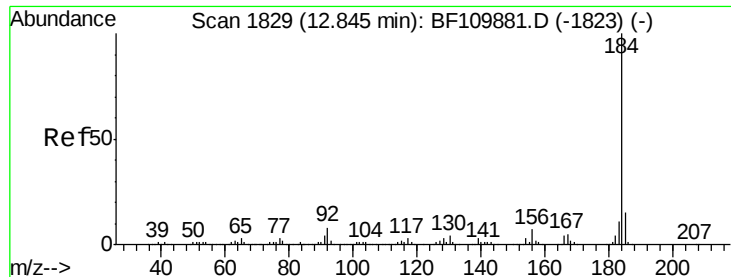


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.920 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

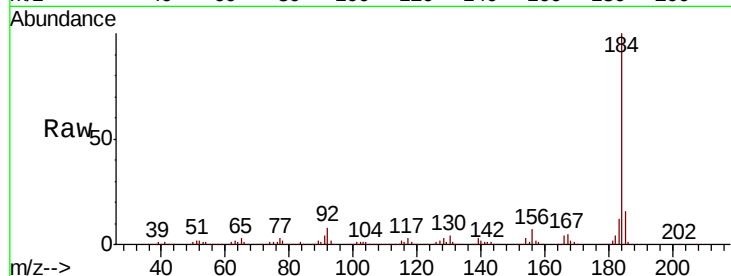
Tot Ion:184 Resp: 819342

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

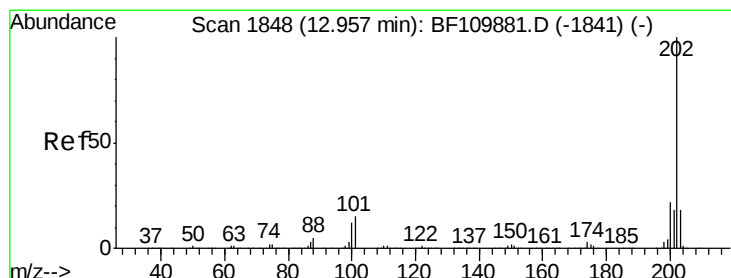
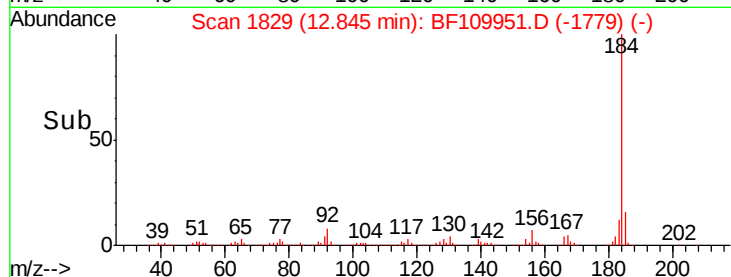
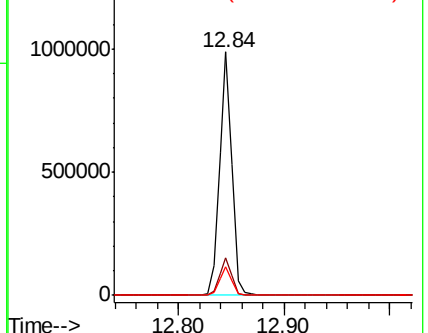
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.094 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

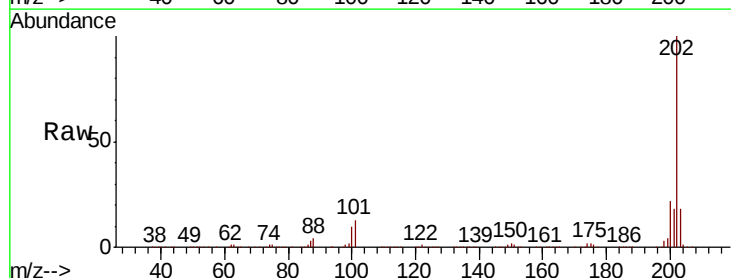
Tgt Ion:202 Resp: 1615699

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

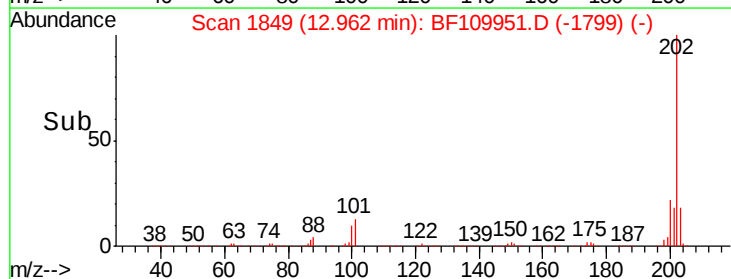
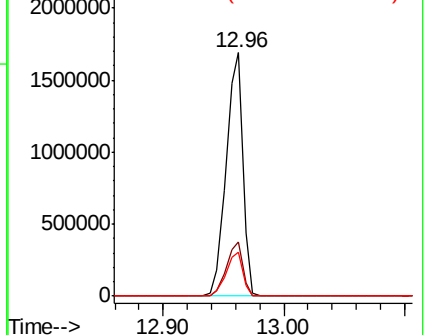
203 17.8 14.2 21.4

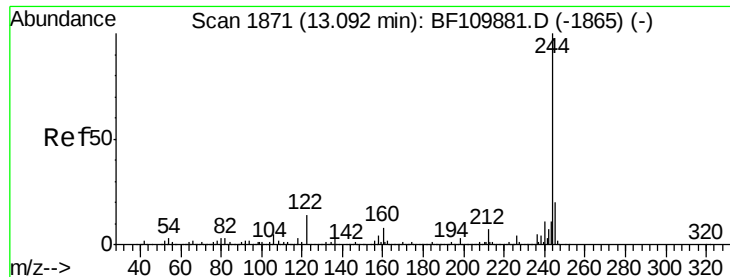


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.833 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

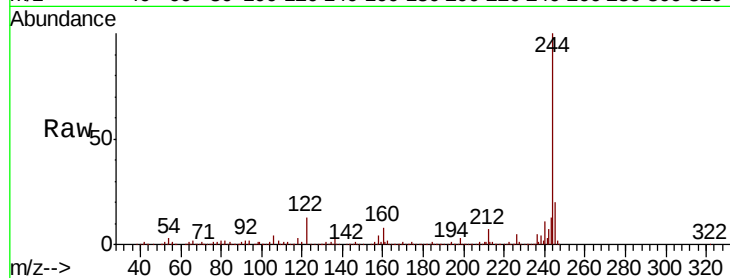
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 2035113

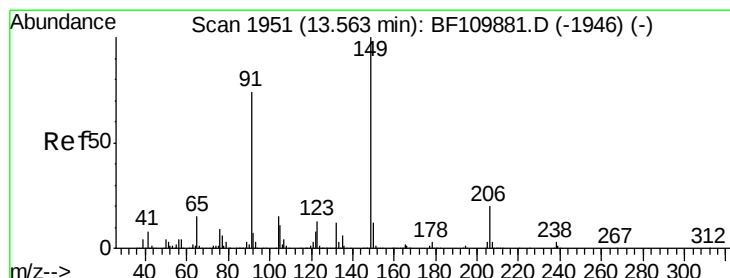
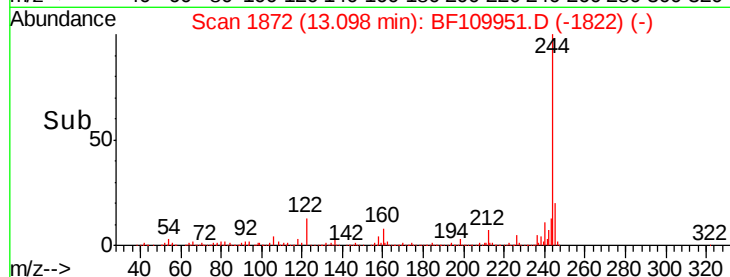
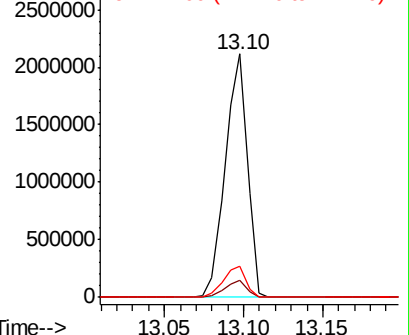
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.720 ng

RT: 13.57 min Scan# 1952

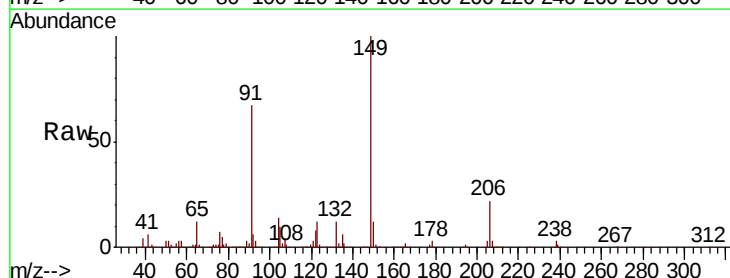
Delta R.T. -0.00 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Tgt Ion:149 Resp: 663168

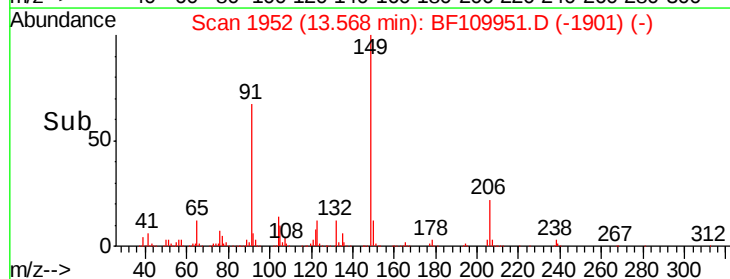
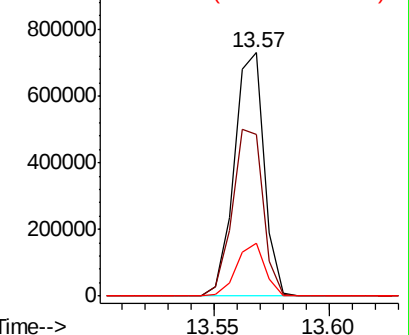
Ion	Ratio	Lower	Upper
149	100		
91	66.7	57.2	85.8
206	21.8	15.7	23.5

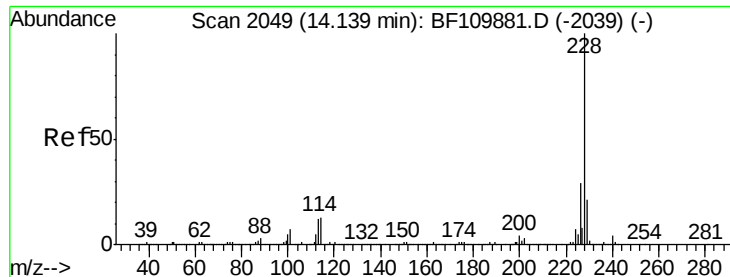


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.588 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

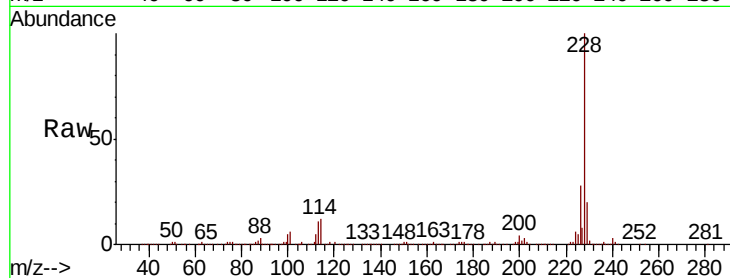
Tot Ion:228 Resp: 1216747

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

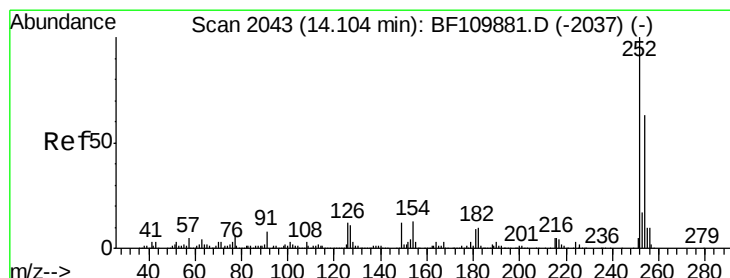
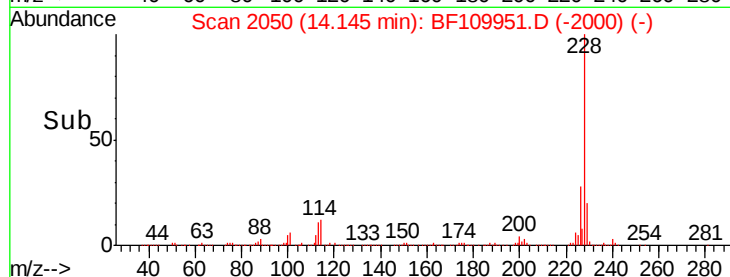
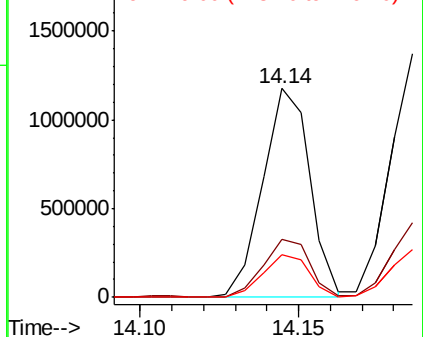
229 20.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.375 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

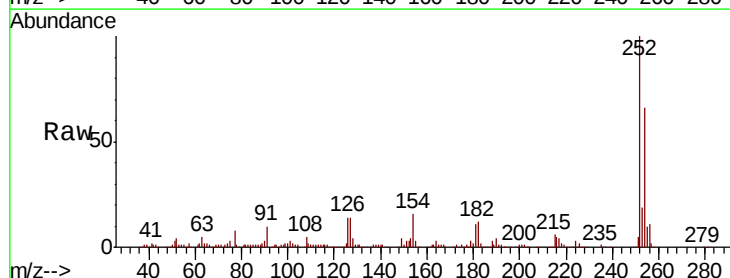
Tgt Ion:252 Resp: 435267

Ion Ratio Lower Upper

252 100

254 66.4 51.3 76.9

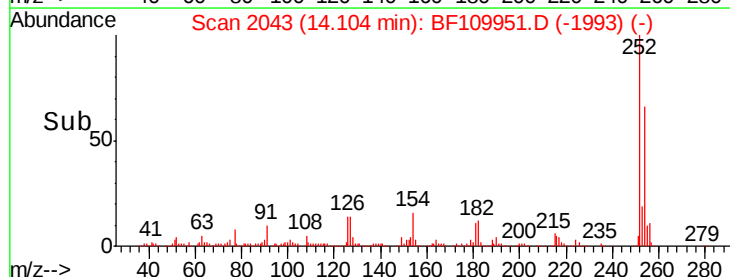
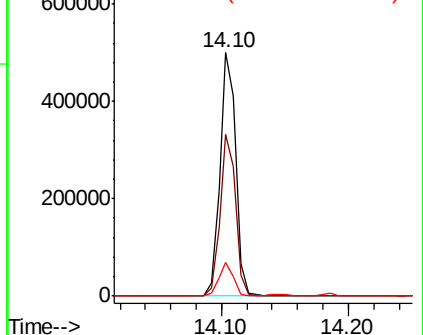
126 14.0 9.4 14.2

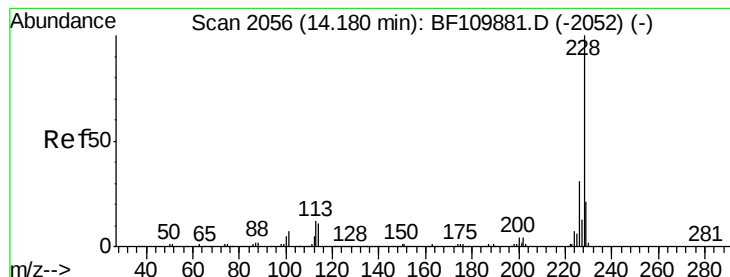


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.826 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

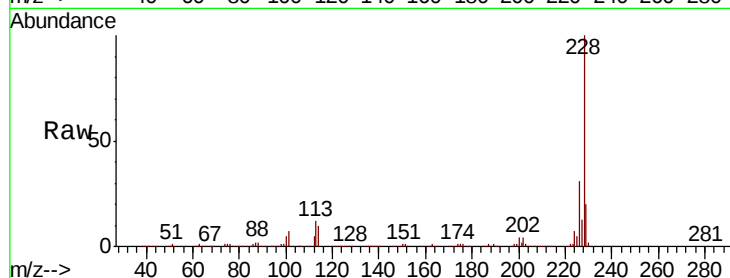
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1165297

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	19.8	15.9	23.9

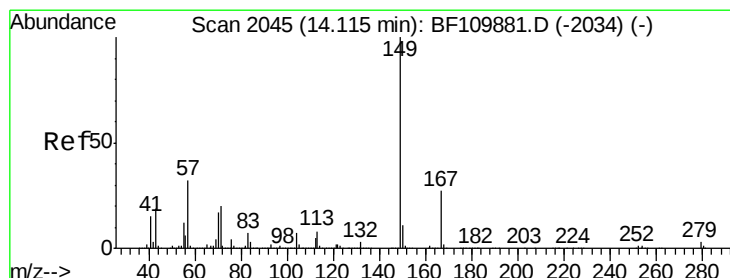
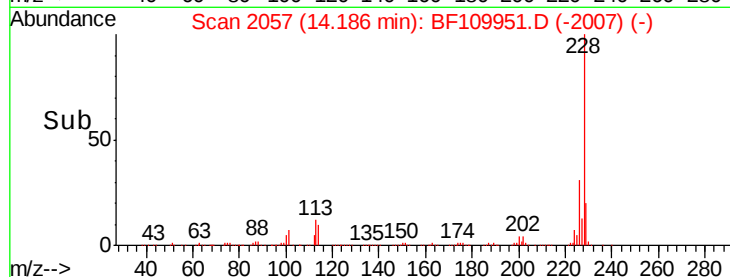
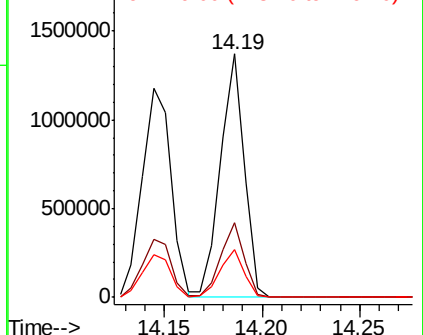


Abundance

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: 39.777 ng

RT: 14.12 min Scan# 2046

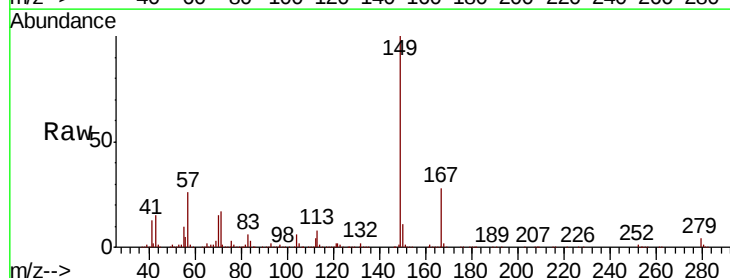
Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Tgt Ion:149 Resp: 831967

Ion	Ratio	Lower	Upper
149	100		
167	28.0	19.8	29.8
279	4.2	2.7	4.1#

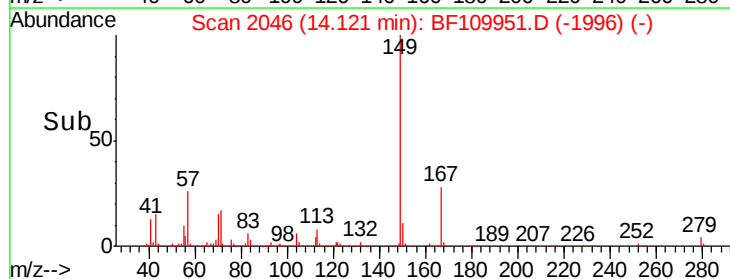
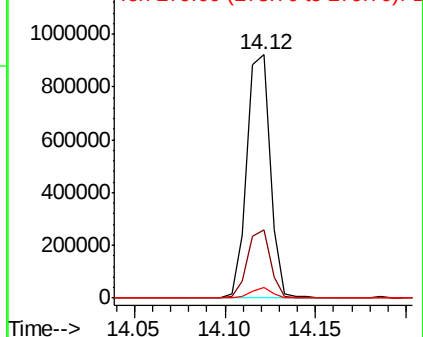


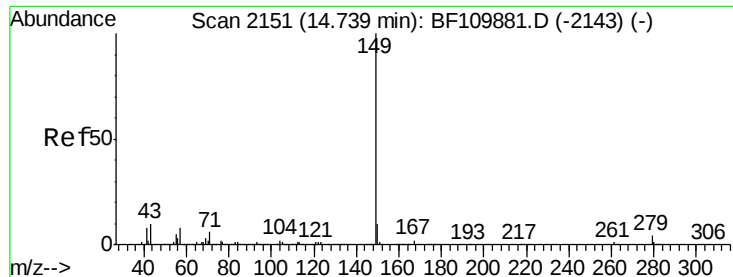
Abundance

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

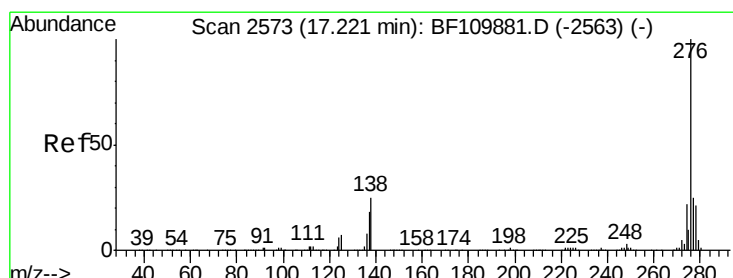
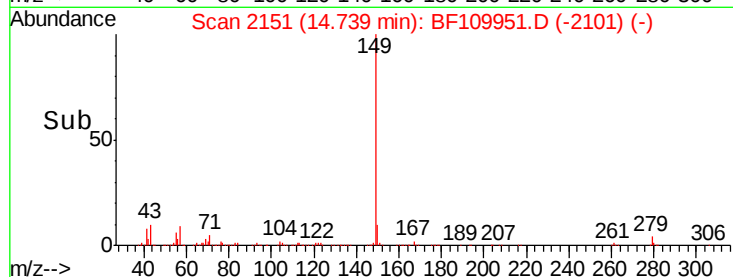
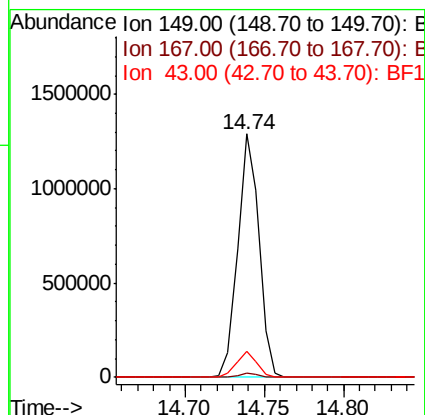
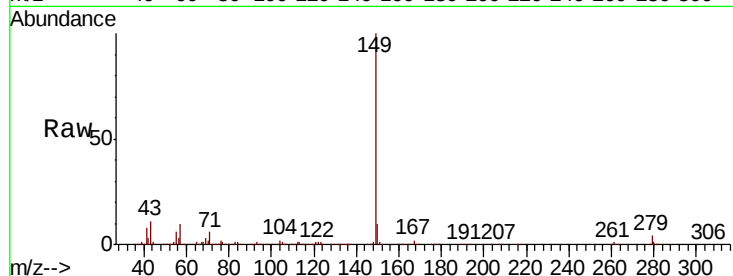




#85
Di-n-octyl phthalate
Concen: 40.467 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

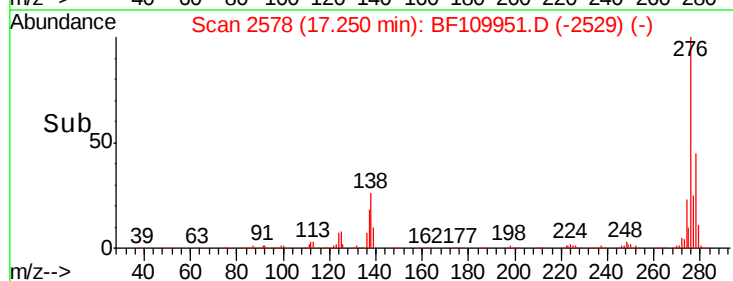
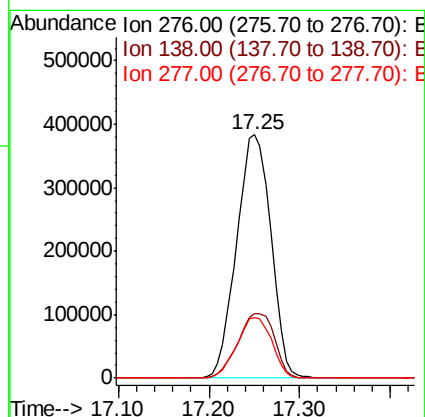
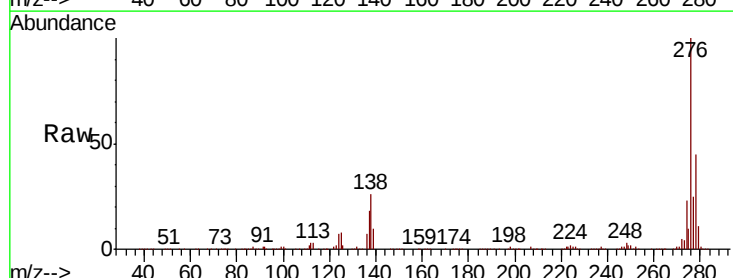
Instrument :
BNA_F
ClientSampleId :

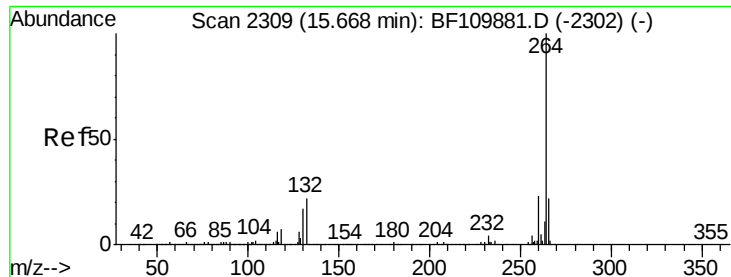
Tot Ion:149 Resp: 1193300
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.2 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.872 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:276 Resp: 1011858
Ion Ratio Lower Upper
276 100
138 28.5 18.5 27.7#
277 25.4 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

Instrument :

BNA_F

ClientSampleId :

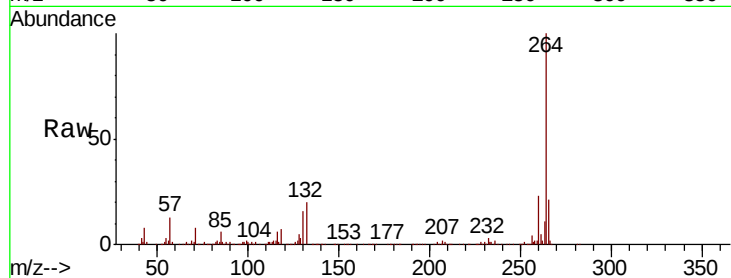
Tot Ion:264 Resp: 415922

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

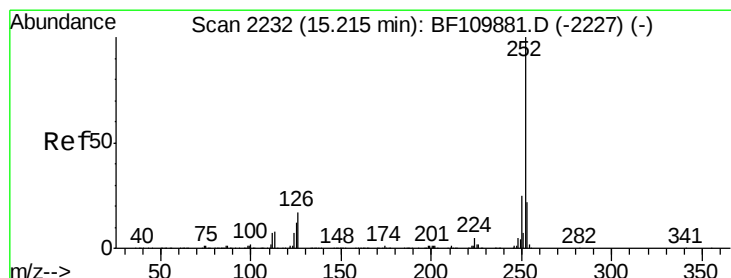
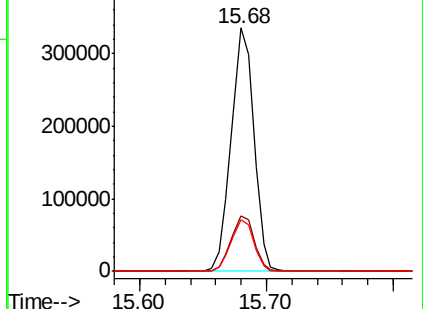
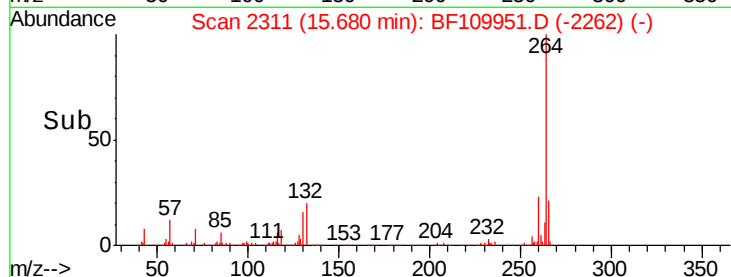
265 21.2 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.634 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF109951.D

Acq: 18 Oct 2018 10:42

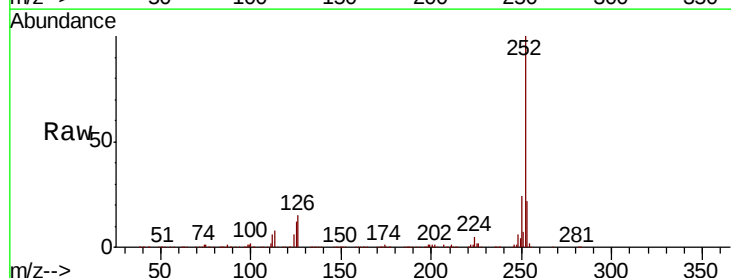
Tgt Ion:252 Resp: 974354

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

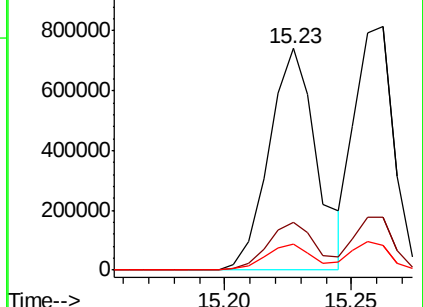
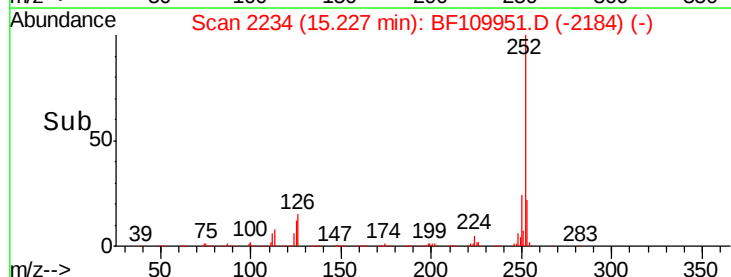
125 11.6 8.2 12.4

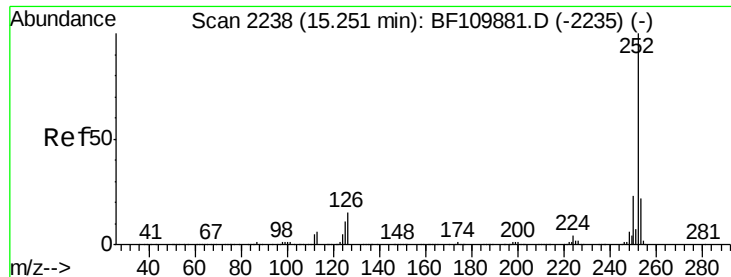


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

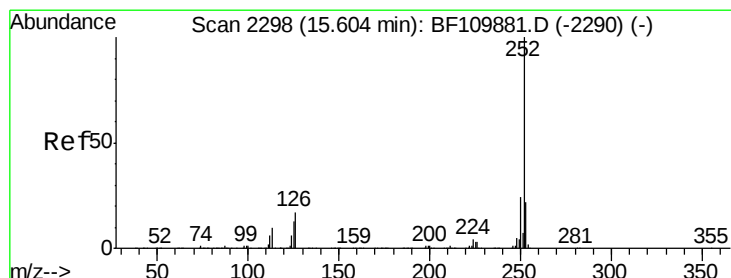
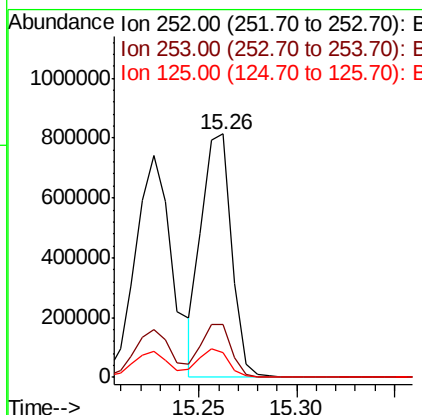
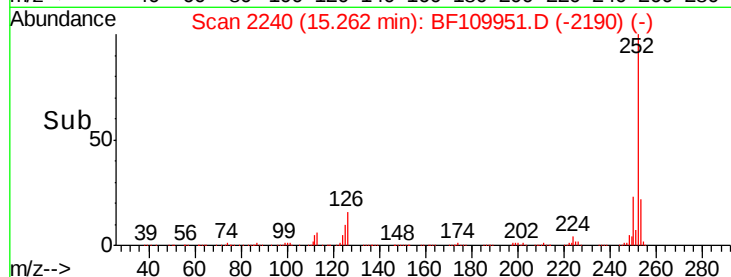
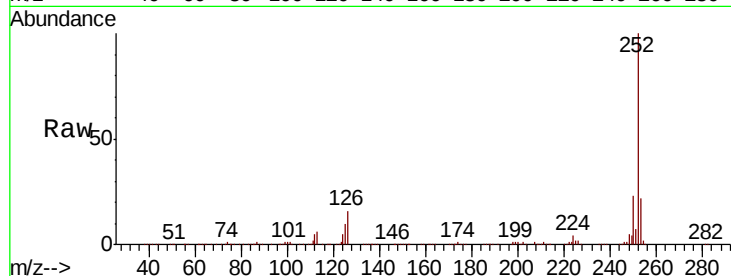




#89
Benzo(k)fluoranthene
Concen: 36.738 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

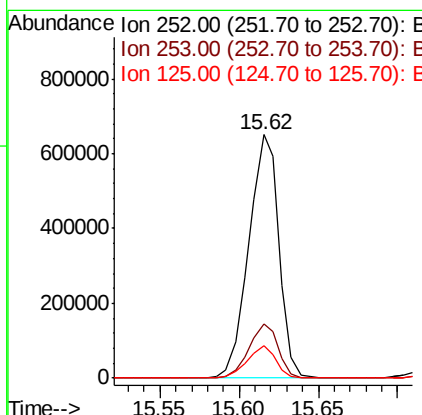
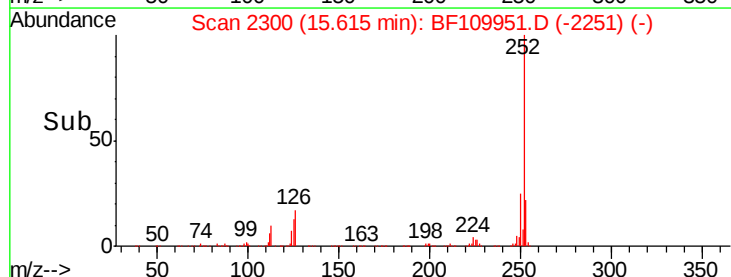
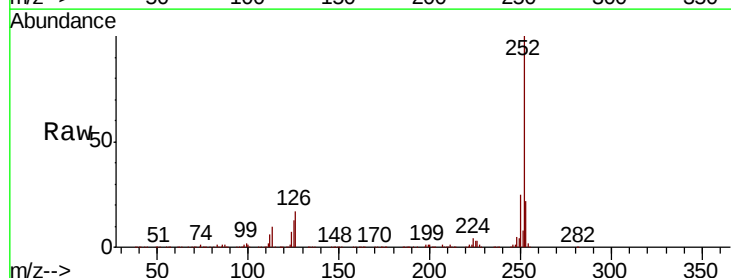
Instrument :
BNA_F
ClientSampled :

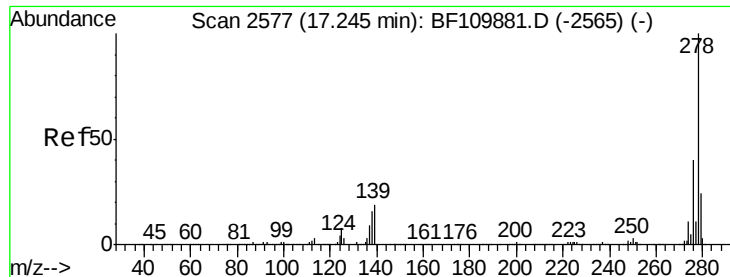
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.3	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.916 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.2	9.0	13.6

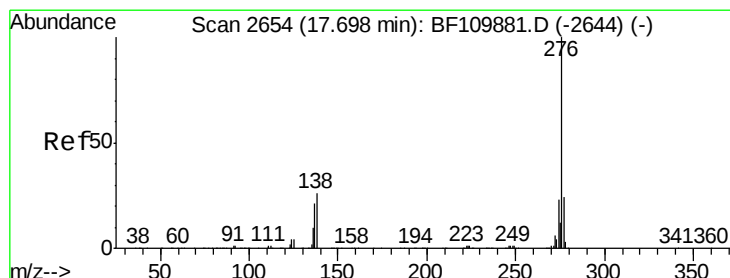
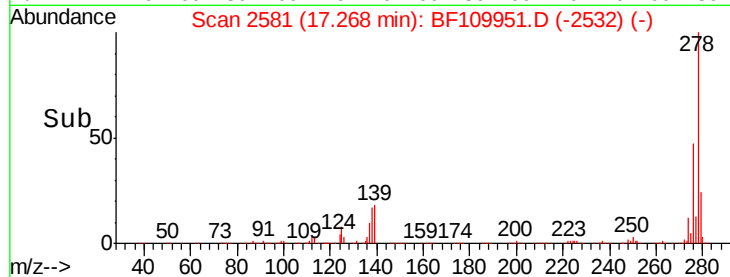
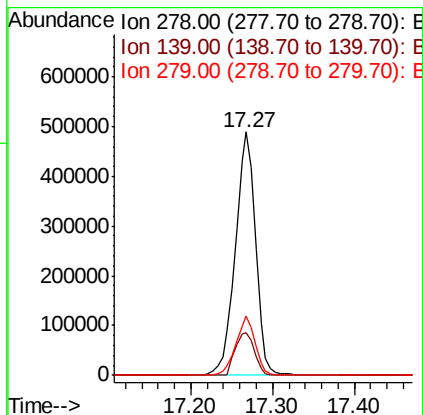
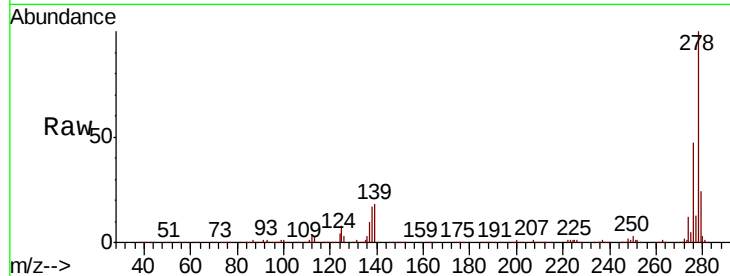




#91
Dibenzo(a,h)anthracene
Concen: 43.220 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 844718
Ion Ratio Lower Upper
278 100
139 17.8 12.7 19.1
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 43.707 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF109951.D
Acq: 18 Oct 2018 10:42

Tgt Ion:276 Resp: 863090
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 24.3 16.0 24.0#

