

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103149.D
 Acq On : 21 Feb 2018 20:59
 Operator : SJ/JU
 Sample : PB106711BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Quant Time: Feb 22 00:38:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157313	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	649354	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263406	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	381459	20.00	ng	0.00
75) Chrysene-d12	14.05	240	252509	20.00	ng	0.00
86) Perylene-d12	15.54	264	204721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1209371	116.75	ng	0.02
7) Phenol-d6	6.52	99	1451206	116.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	935959	99.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	240197	113.29	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1400732	88.24	ng	0.00
78) Terphenyl-d14	12.99	244	958721	89.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	207851	40.625	ng	90
3) Pyridine	3.50	79	586419	41.485	ng	92
4) n-Nitrosodimethylamine	3.45	42	277875	45.945	ng	100
6) Aniline	6.55	93	390103	21.179	ng	96
8) 2-Chlorophenol	6.67	128	465474	43.648	ng	97
9) Benzaldehyde	6.43	77	296202	31.979	ng	98
10) Phenol	6.53	94	588926	44.060	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	467986	42.076	ng	92
12) 1,3-Dichlorobenzene	6.82	146	492276	39.862	ng	97
13) 1,4-Dichlorobenzene	6.89	146	495338	40.266	ng	98
14) 1,2-Dichlorobenzene	7.05	146	451025	39.363	ng	98
15) Benzyl Alcohol	7.02	79	398945	41.604	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	798536	37.794	ng	99
17) 2-Methylphenol	7.13	107	405117	41.184	ng	97
18) Hexachloroethane	7.39	117	158035	37.463	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	309993	37.696	ng	97
20) 3+4-Methylphenols	7.29	107	458862	37.827	ng	# 63
22) Acetophenone	7.29	105	599614	37.735	ng	# 90
24) Nitrobenzene	7.46	77	510413	46.358	ng	99
25) Isophorone	7.70	82	936267	43.437	ng	97
26) 2-Nitrophenol	7.78	139	246613	53.341	ng	97
27) 2,4-Dimethylphenol	7.82	122	423399	46.495	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	586135	45.905	ng	99
29) 2,4-Dichlorophenol	8.02	162	380637	45.981	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	373778	39.913	ng	100
31) Naphthalene	8.19	128	1275043	40.189	ng	99
32) Benzoic acid	7.94	122	219194	37.711	ng	99
33) 4-Chloroaniline	8.23	127	122800	8.985	ng	99
34) Hexachlorobutadiene	8.29	225	186572	38.879	ng	97
35) Caprolactam	8.62	113	134979	46.951	ng	88
36) 4-Chloro-3-methylphenol	8.72	107	418883	45.035	ng	99
37) 2-Methylnaphthalene	8.87	142	833787	40.141	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	317514	44.271	ng	98
40) Hexachlorocyclopentadiene	9.02	237	30863	9.052	ng	99

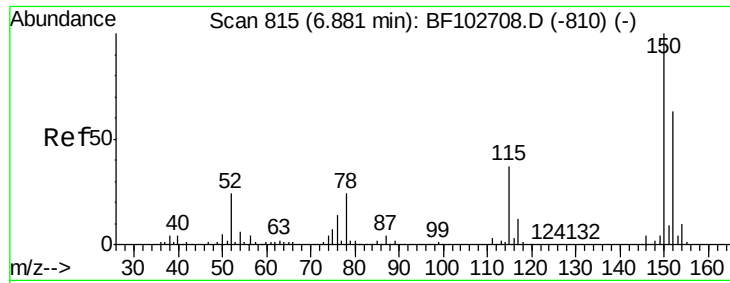
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	230371	48.903	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	243503	45.861	nq	98
45) 1,1'-Biphenyl	9.34	154	926029	41.739	nq	100
46) 2-Chloronaphthalene	9.36	162	746232	42.724	nq	100
47) 2-Nitroaniline	9.46	65	289239	53.255	nq	88
48) Acenaphthylene	9.78	152	1101386	40.599	nq	100
49) Dimethylphthalate	9.63	163	920832	44.835	nq	100
50) 2,6-Dinitrotoluene	9.70	165	194103	49.675	nq	98
51) Acenaphthene	9.95	154	626897	38.641	nq	99
52) 3-Nitroaniline	9.87	138	136306	28.350	nq	94
53) 2,4-Dinitrophenol	9.99	184	34661	41.420	nq	# 20
54) Dibenzofuran	10.12	168	945242	41.343	nq	97
55) 4-Nitrophenol	10.05	139	289663	73.649	nq	94
56) 2,4-Dinitrotoluene	10.11	165	234579	44.970	nq	97
57) Fluorene	10.47	166	694952	41.777	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162630	44.193	nq	99
59) Diethylphthalate	10.33	149	853324	42.078	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	320126	43.503	nq	98
61) 4-Nitroaniline	10.49	138	182783	39.940	nq	95
62) Azobenzene	10.62	77	828128	40.876	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	30265	25.507	nq	98
65) n-Nitrosodiphenylamine	10.57	169	634807	47.179	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	184049	45.612	nq	96
67) Hexachlorobenzene	11.02	284	185743	41.726	nq	98
68) Atrazine	11.10	200	188254	47.426	nq	99
69) Pentachlorophenol	11.22	266	167924	64.262	nq	99
70) Phenanthrene	11.43	178	871363	41.015	nq	99
71) Anthracene	11.49	178	892479	41.303	nq	99
72) Carbazole	11.64	167	843950	39.867	nq	99
73) Di-n-butylphthalate	11.96	149	1168343	45.435	nq	99
74) Fluoranthene	12.62	202	801560	37.500	nq	98
76) Benzidine	12.75	184	704512	60.706	nq	98
77) Pyrene	12.85	202	814780	41.149	nq	100
79) Butylbenzylphthalate	13.46	149	446248	47.134	nq	100
80) Benzo(a)anthracene	14.04	228	718142	45.222	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	277909	47.198	nq	99
82) Chrysene	14.08	228	665307	41.560	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	602165	49.644	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1042165	57.221	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	501279	37.756	nq	97
87) Benzo(b)fluoranthene	15.11	252	586554	44.192	nq	98
88) Benzo(k)fluoranthene	15.14	252	579555	45.699	nq	99
89) Benzo(a)pyrene	15.49	252	528260	44.216	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	423284	43.650	nq	100
91) Benzo(g,h,i)perylene	17.52	276	414332	43.653	nq	95

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

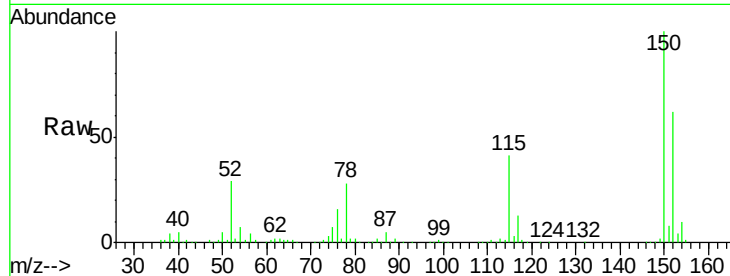


#1

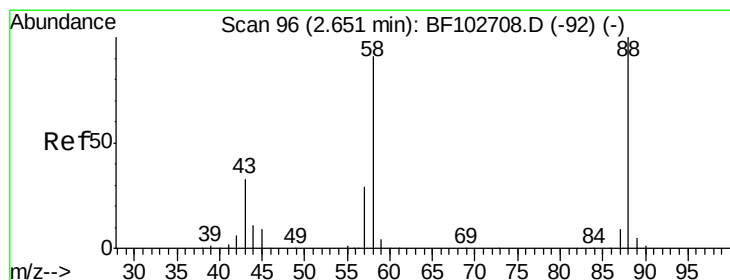
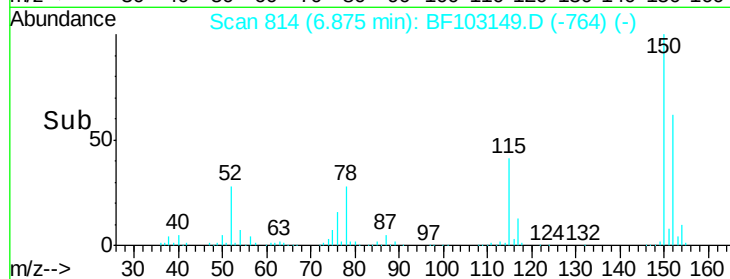
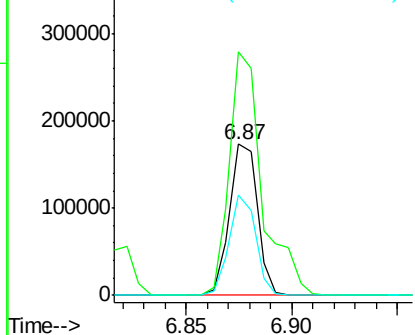
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
PB106711BS

Tot Ion:152 Resp: 157313
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 66.5 50.1 75.1



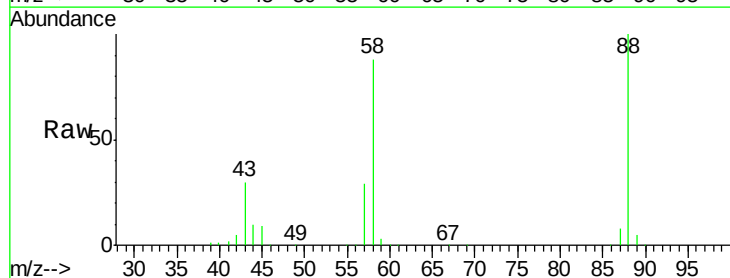
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



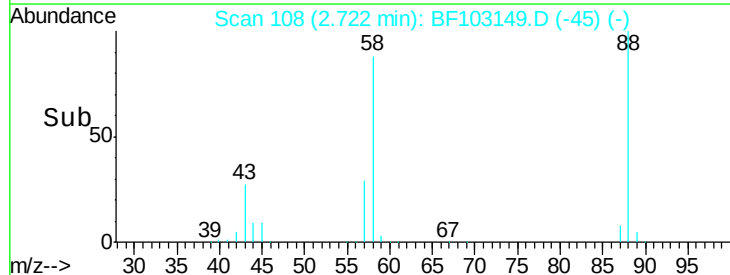
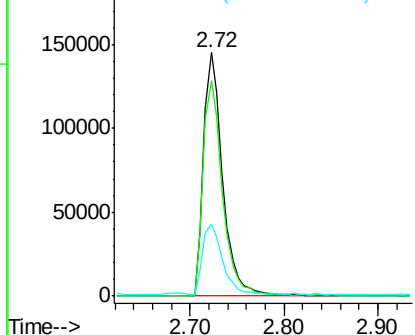
#2

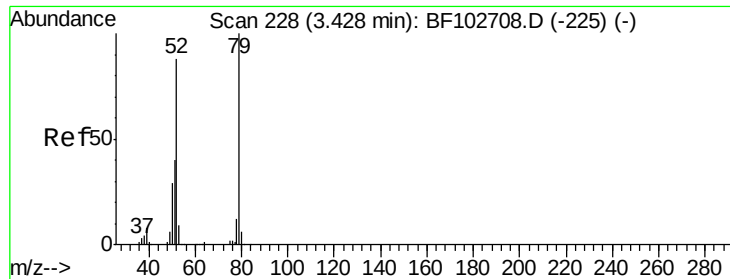
1,4-Dioxane
Concen: 40.625 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion: 88 Resp: 207851
Ion Ratio Lower Upper
88 100
58 90.0 62.6 93.8
43 29.9 24.6 37.0



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





#3

Pvridine

Concen: 41.485 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.07 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

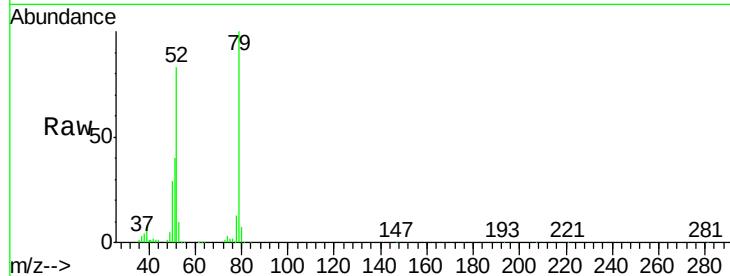
Tot Ion: 79 Resp: 586419

Ion Ratio Lower Upper

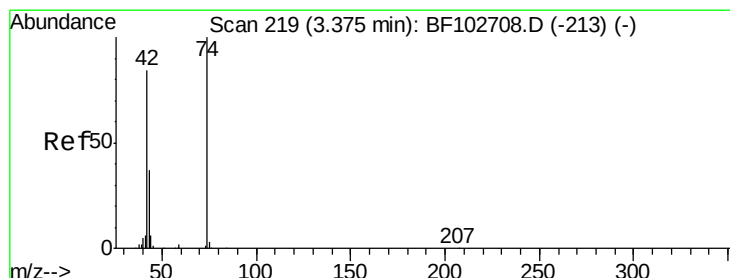
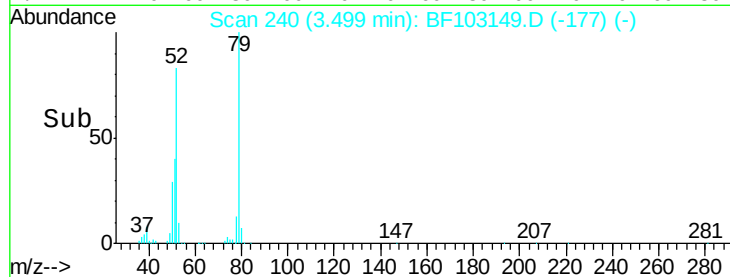
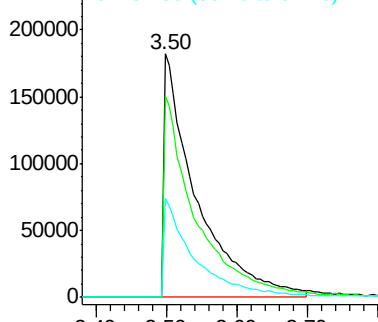
79 100

52 82.7 59.8 89.6

51 40.5 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 45.945 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

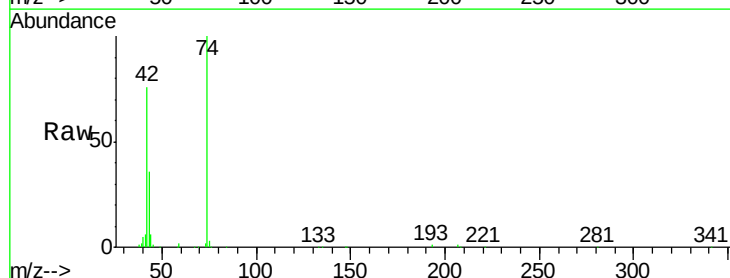
Tgt Ion: 42 Resp: 277875

Ion Ratio Lower Upper

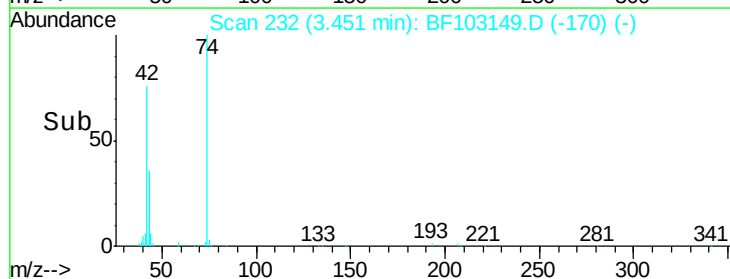
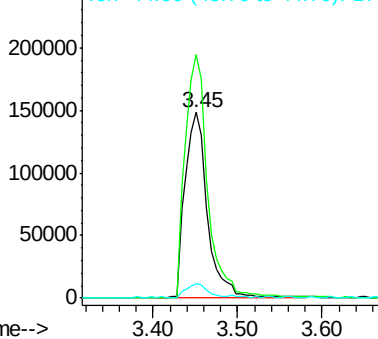
42 100

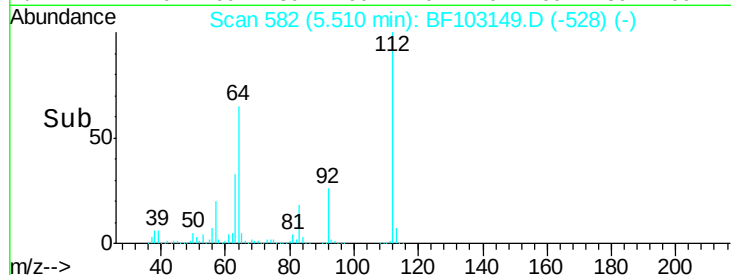
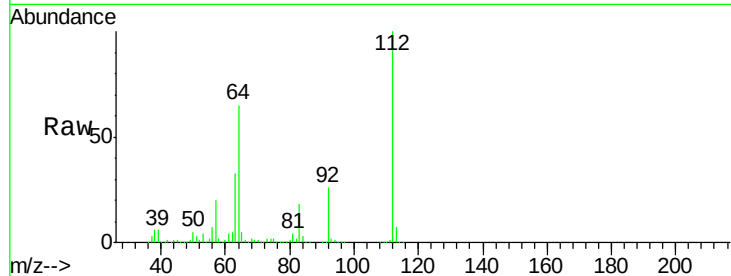
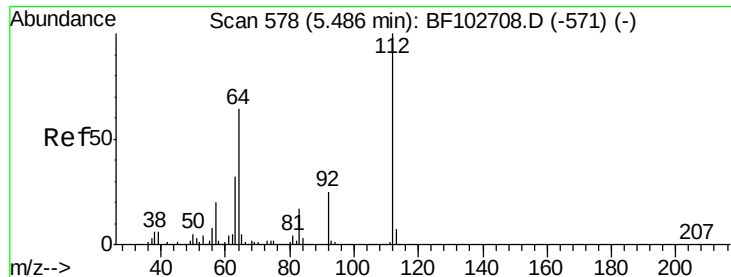
74 131.1 104.9 157.3

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 116.750 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

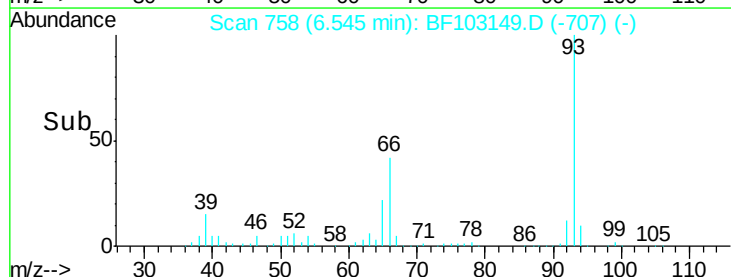
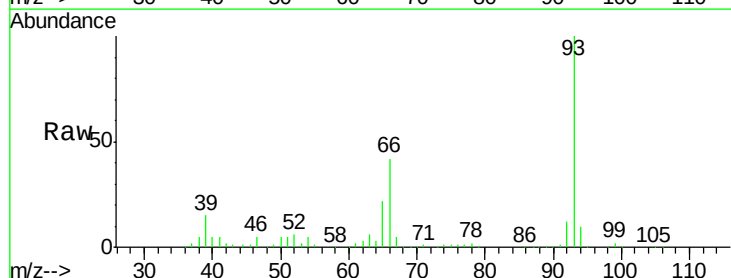
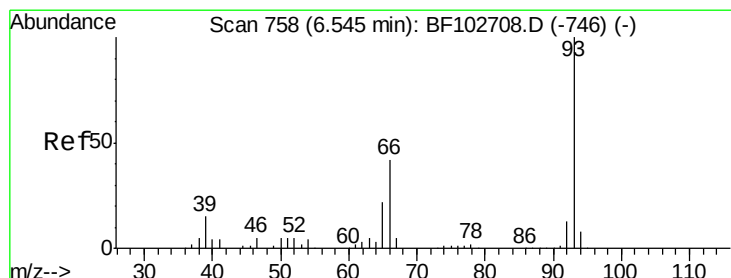
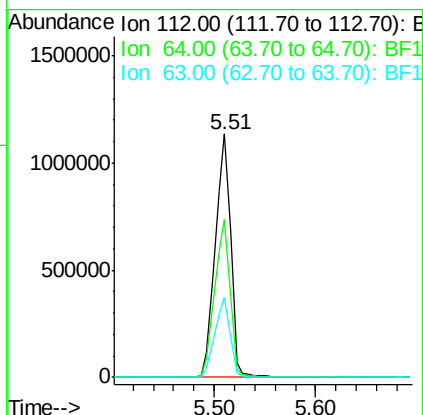
Tot Ion:112 Resp: 1209371

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

63 32.6 23.7 35.5



#6

Aniline

Concen: 21.179 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

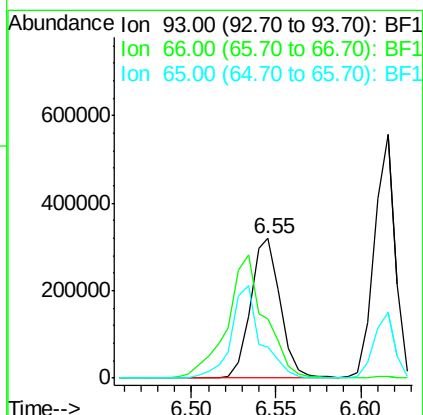
Tgt Ion: 93 Resp: 390103

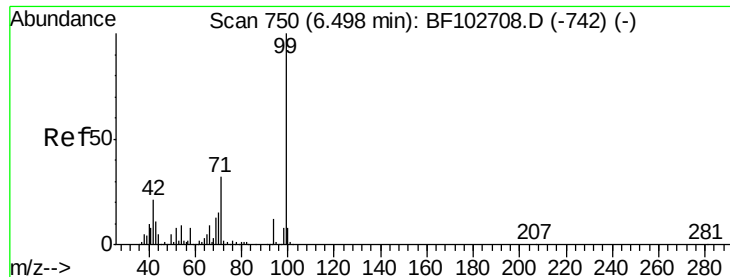
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 22.4 16.4 24.6





#7

Phenol-d6

Concen: 116.353 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

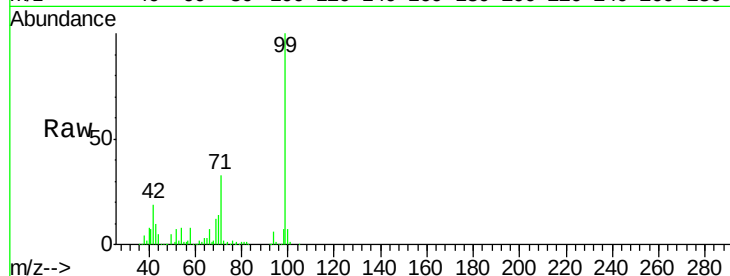
Tot Ion: 99 Resp: 1451206

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

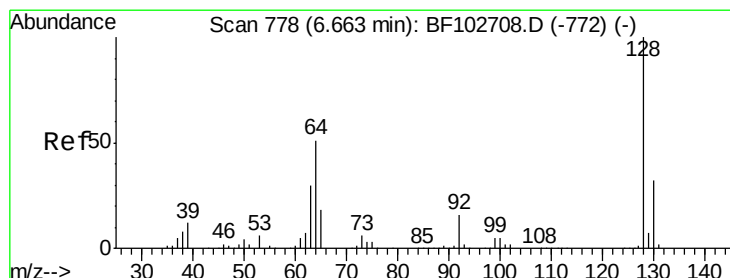
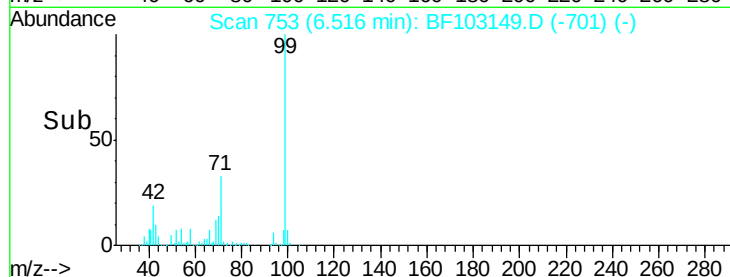
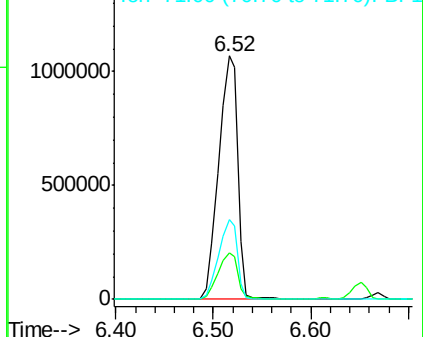
71 32.7 25.4 38.0



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: 43.648 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

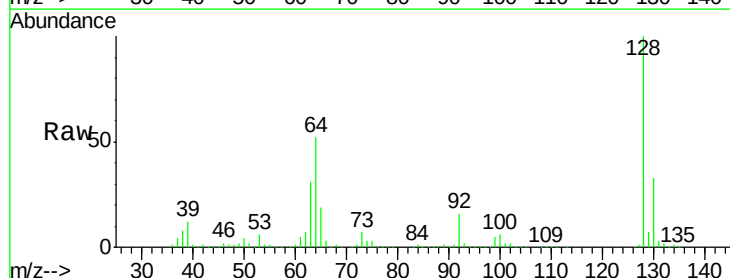
Tgt Ion: 128 Resp: 465474

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

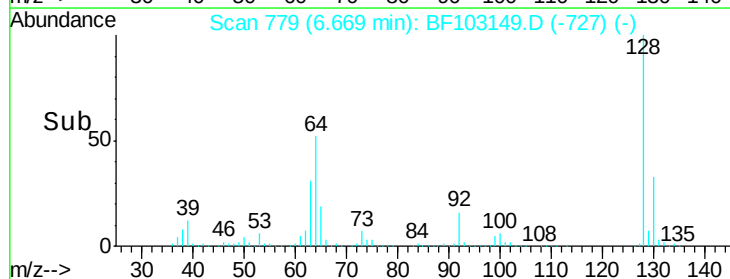
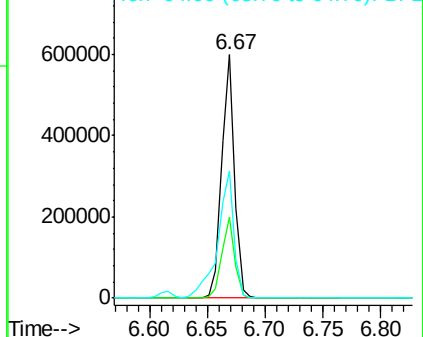
64 52.0 29.4 69.4

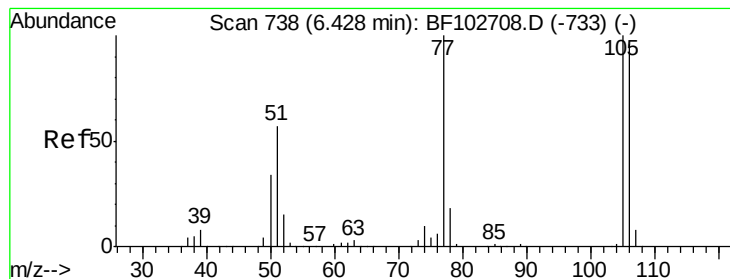


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.979 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

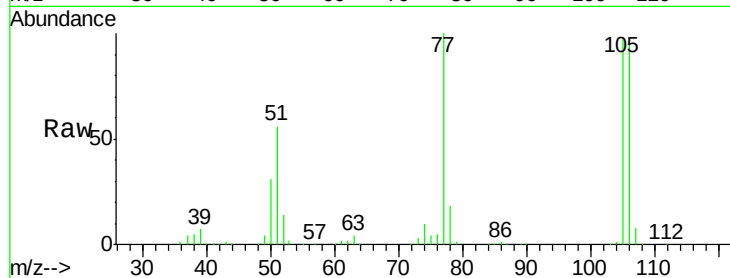
Tot Ion: 77 Resp: 296202

Ion Ratio Lower Upper

77 100

105 97.9 81.1 121.1

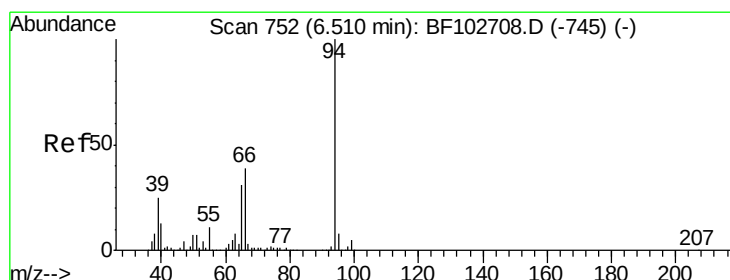
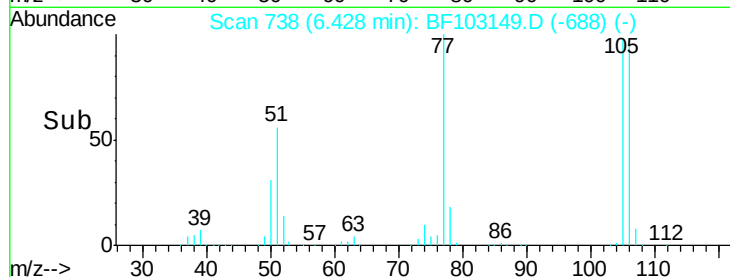
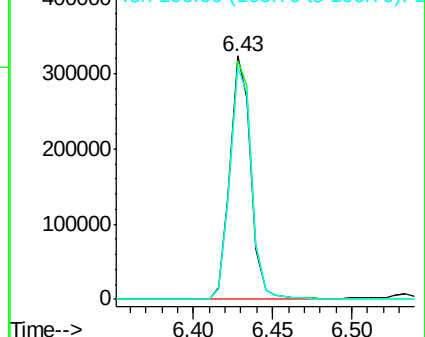
106 95.2 74.5 114.5



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: 44.060 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

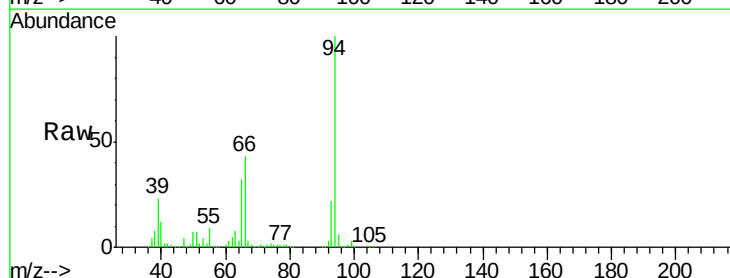
Tgt Ion: 94 Resp: 588926

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

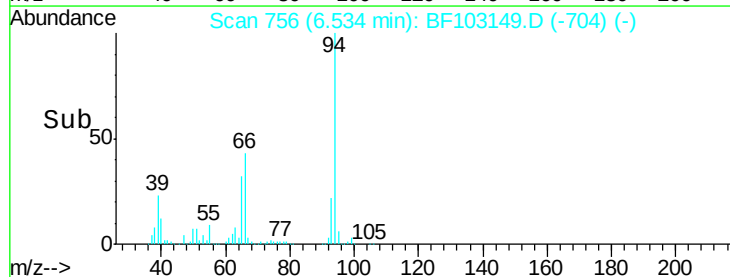
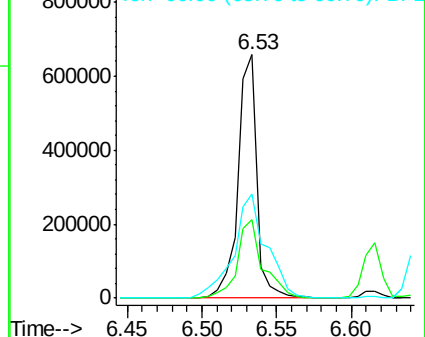
66 42.9 16.2 56.2

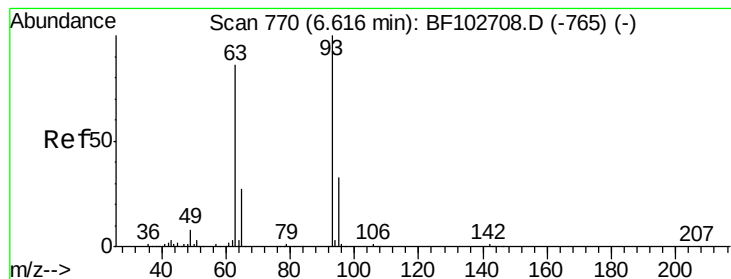


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

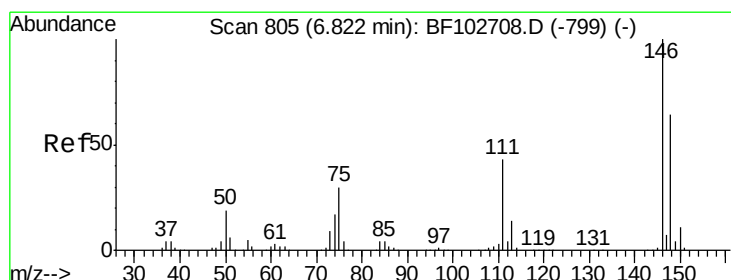
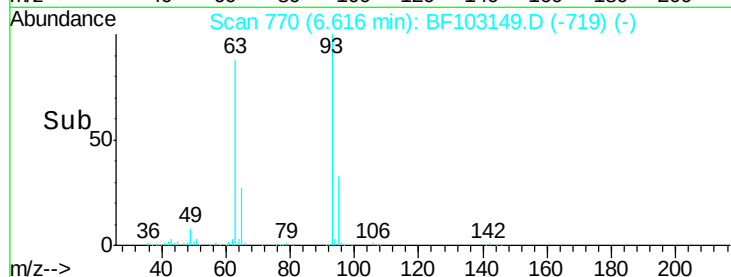
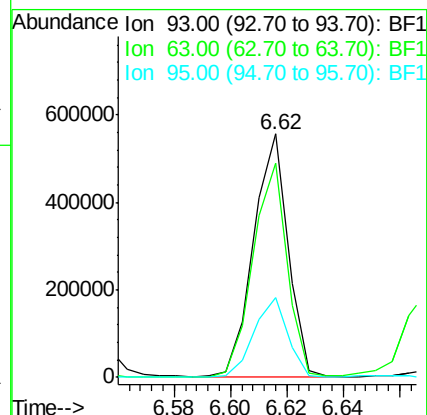
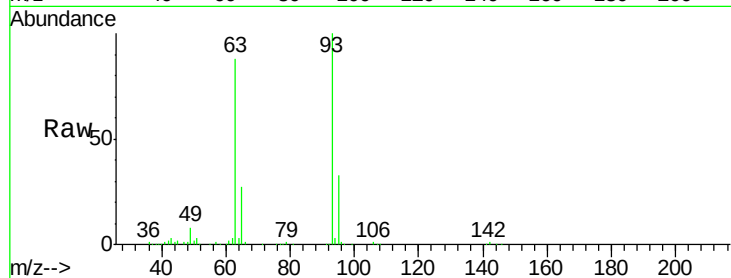




#11
bis(2-Chloroethyl)ether
Concen: 42.076 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

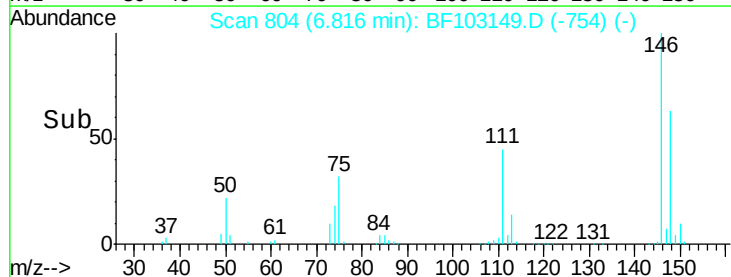
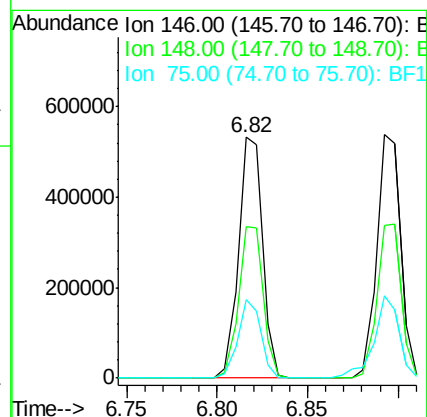
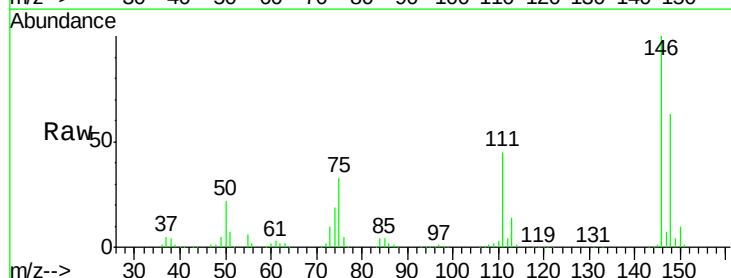
Instrument :
BNA_F
ClientSampleId :
PB106711BS

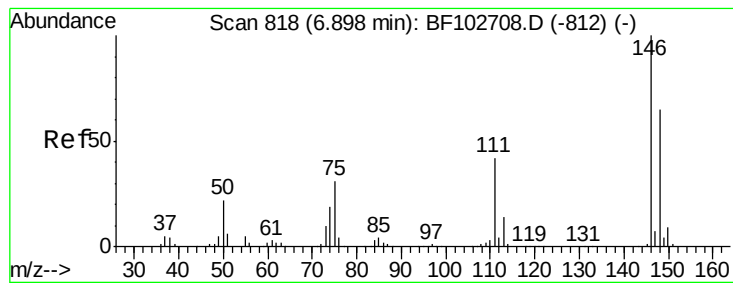
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.862 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	32.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.266 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

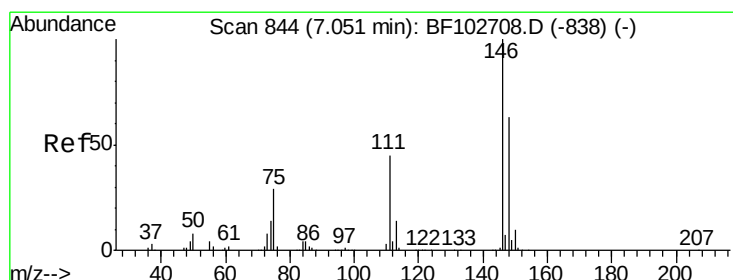
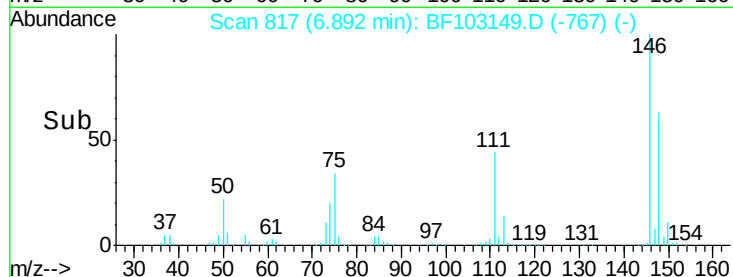
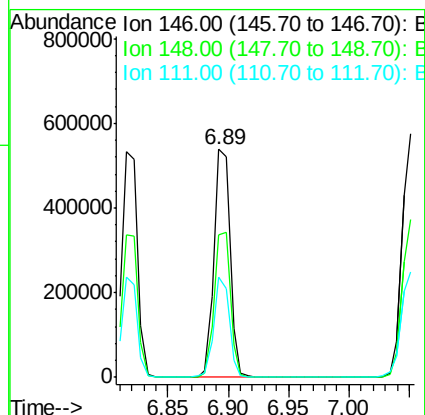
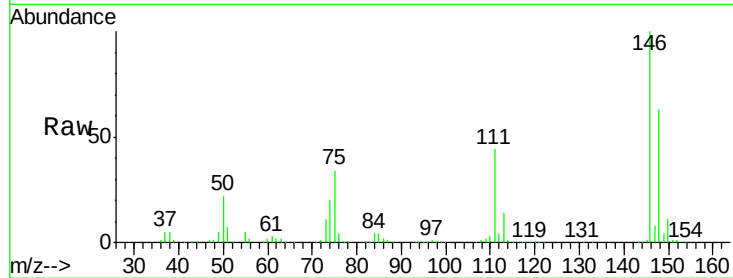
Tot Ion:146 Resp: 495338

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

111 44.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 39.363 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

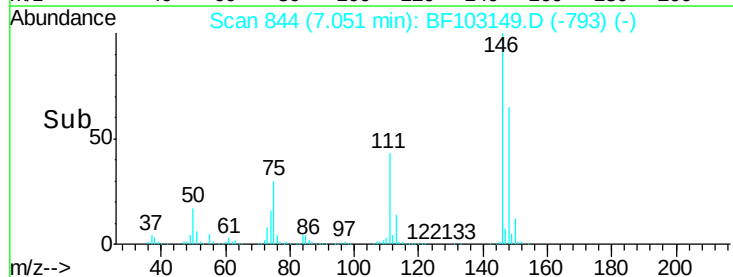
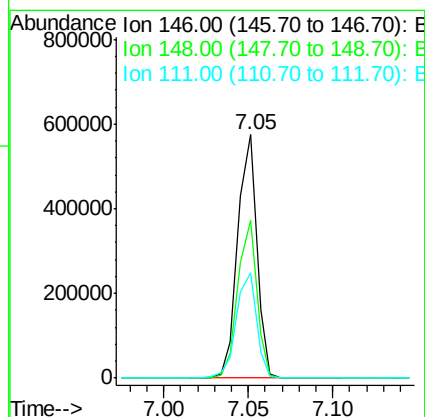
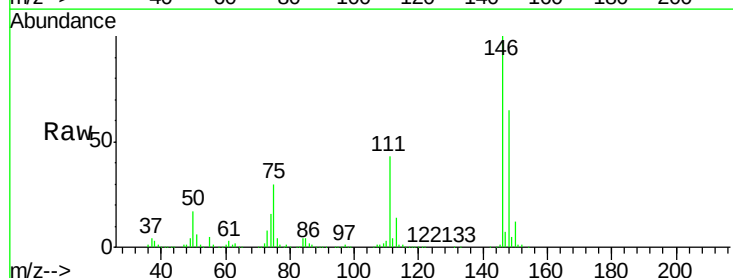
Tgt Ion:146 Resp: 451025

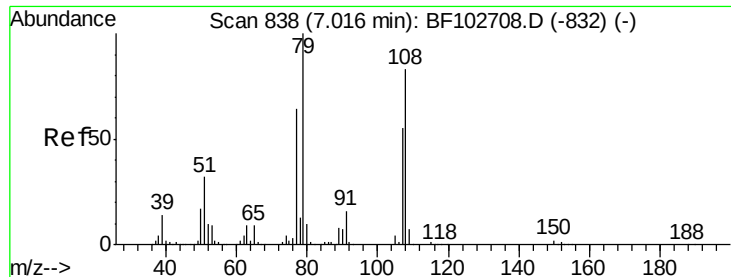
Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

111 43.5 36.0 54.0

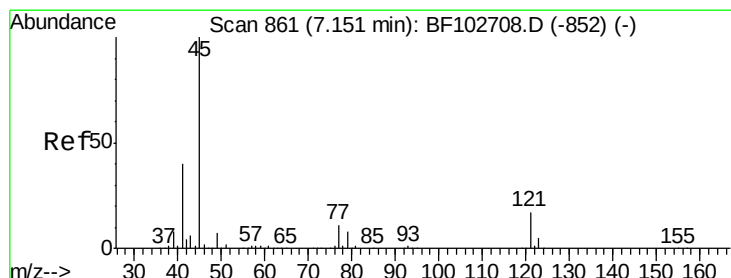
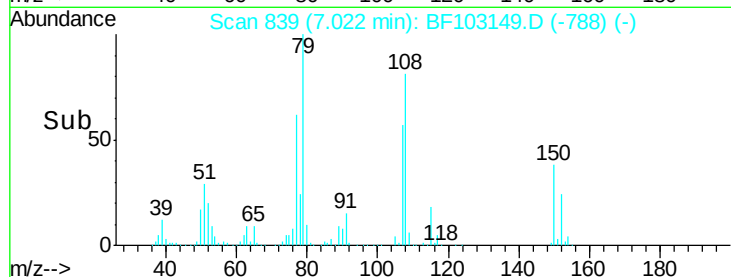
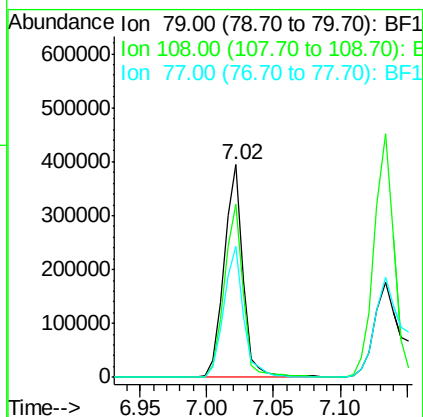
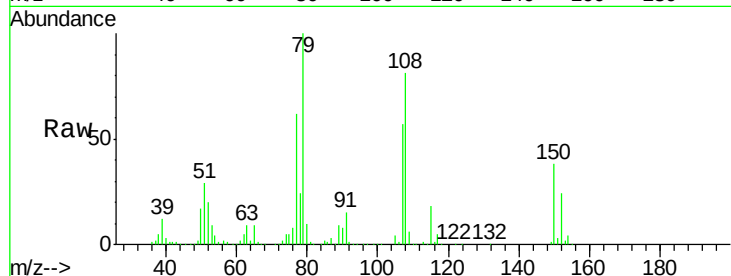




#15
Benzyl Alcohol
Concen: 41.604 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

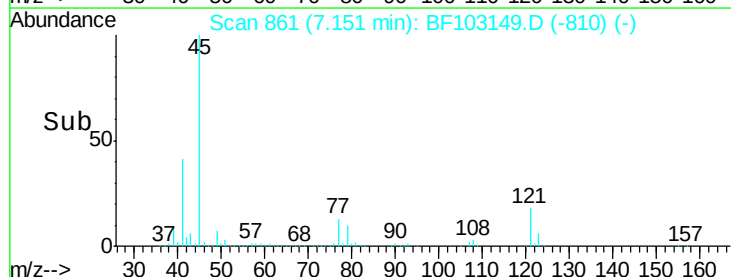
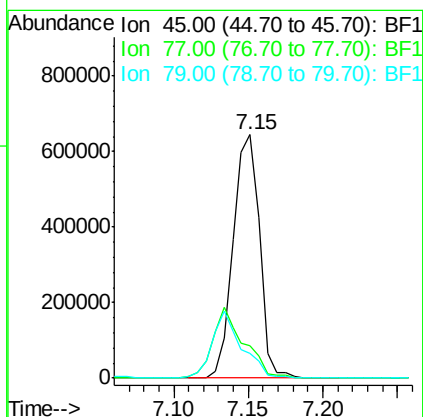
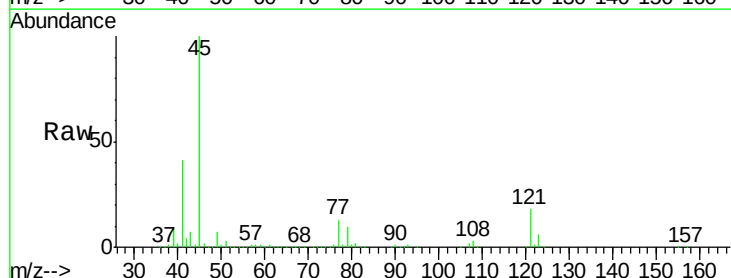
Instrument :
BNA_F
ClientSampleId :
PB106711BS

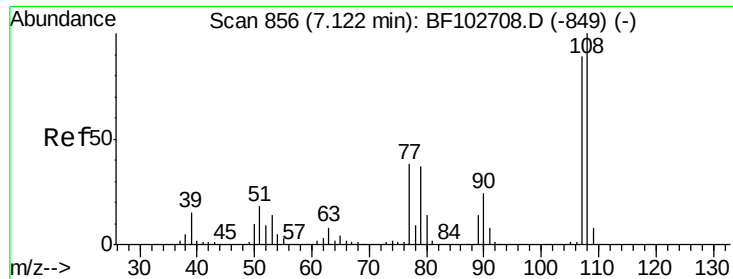
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	61.6	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.794 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	32.9
79	10.4	0.0	29.6

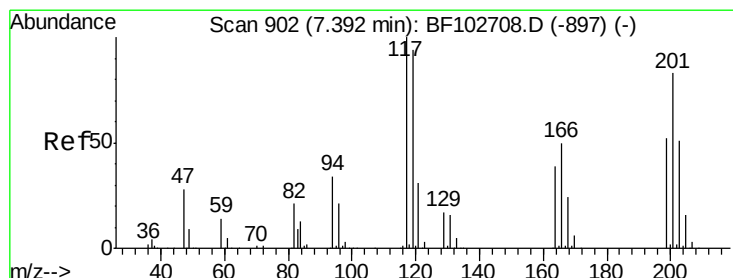
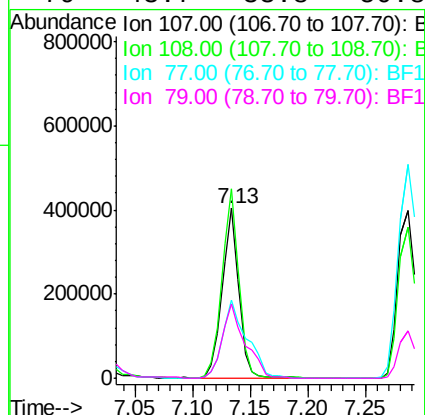
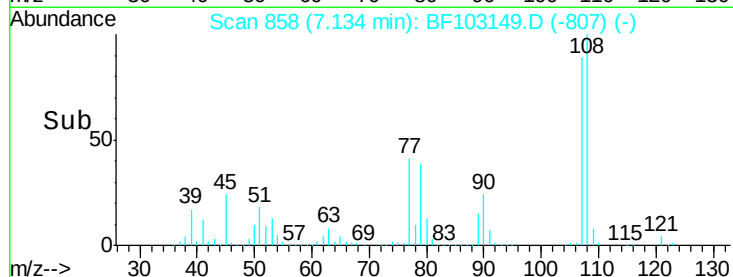
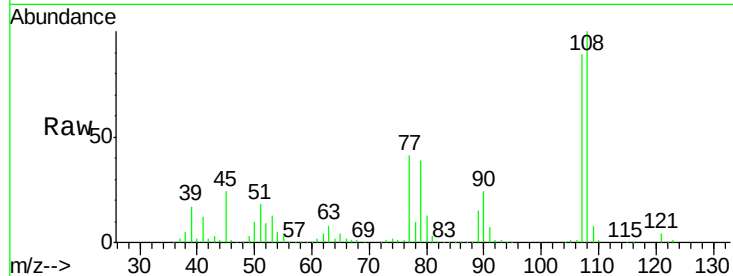




#17
2-Methylphenol
Concen: 41.184 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

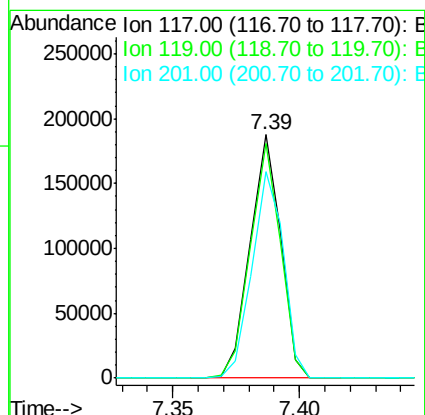
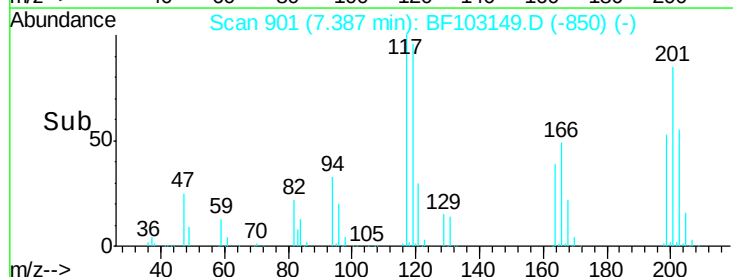
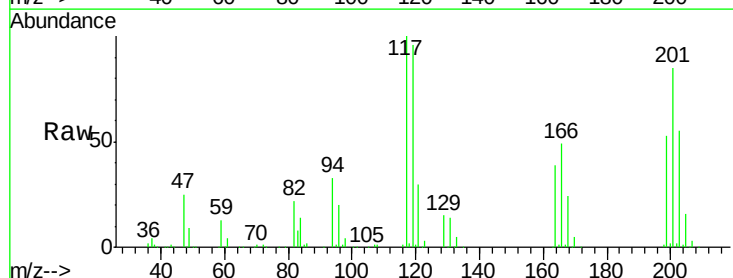
Instrument :
BNA_F
ClientSampleId :
PB106711BS

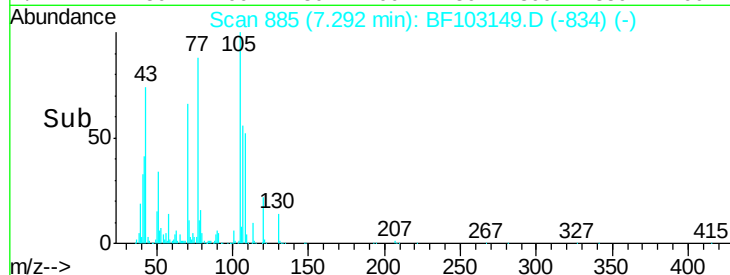
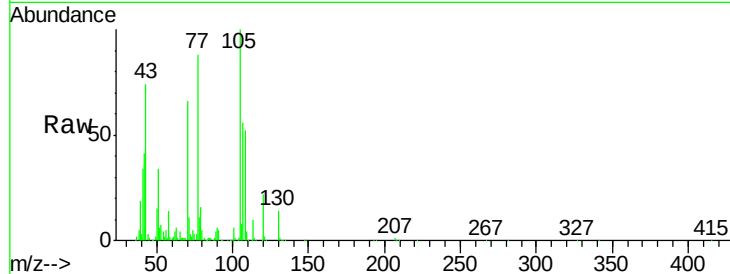
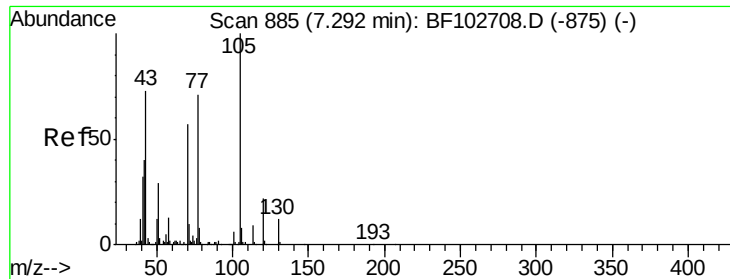
Tot Ion:	107	Resp:	405117
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	46.3	33.8	50.8
79	43.7	33.8	50.8



#18
Hexachloroethane
Concen: 37.463 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:	117	Resp:	158035
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	84.7	75.7	113.5

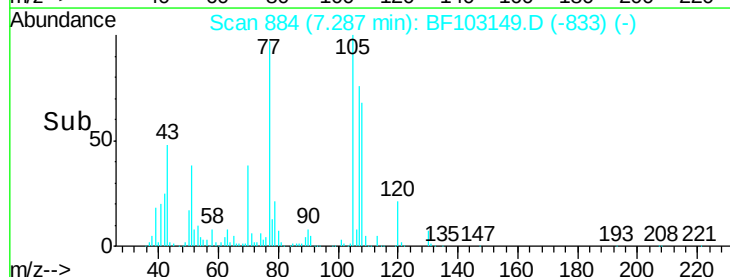
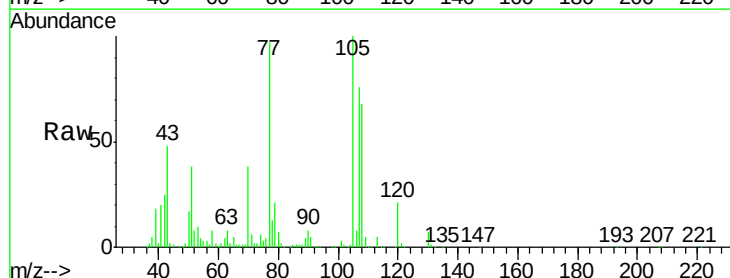
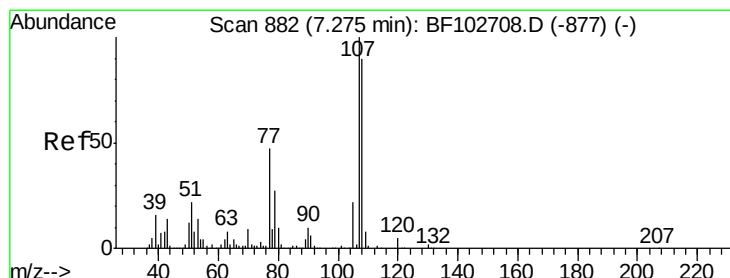
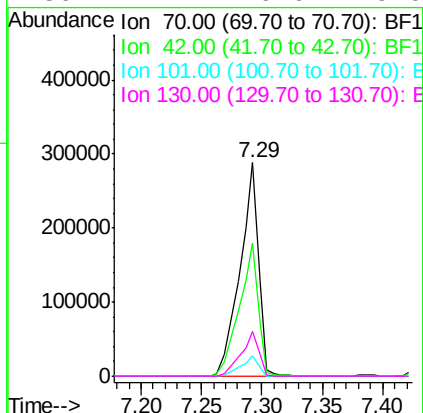




#19
n-Nitroso-di-n-propylamine
Concen: 37.696 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

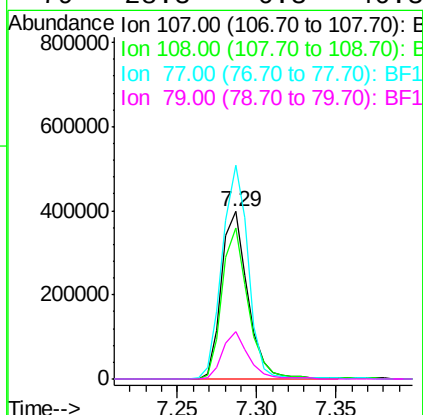
Instrument :
BNA_F
ClientSampleId :
PB106711BS

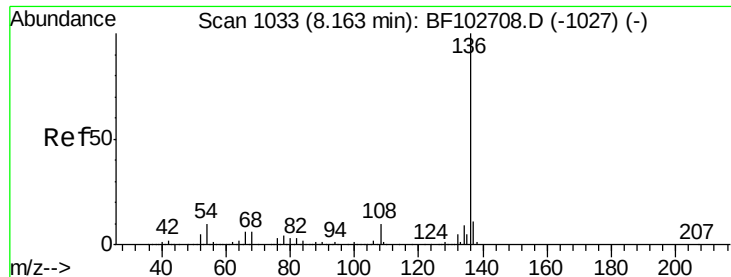
Tot Ion: 70 Resp: 309993
Ion Ratio Lower Upper
70 100
42 62.3 47.5 71.3
101 9.6 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.827 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion: 107 Resp: 458862
Ion Ratio Lower Upper
107 100
108 90.3 68.2 108.2
77 127.5 26.7 66.7#
79 28.3 6.3 46.3

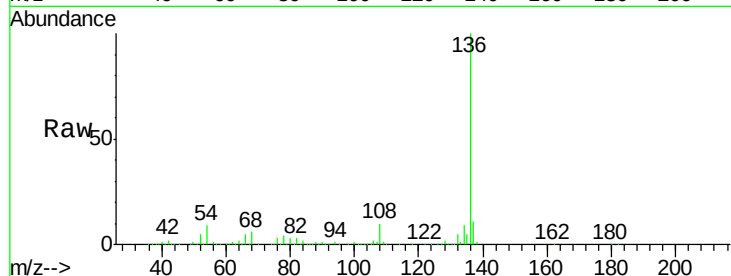




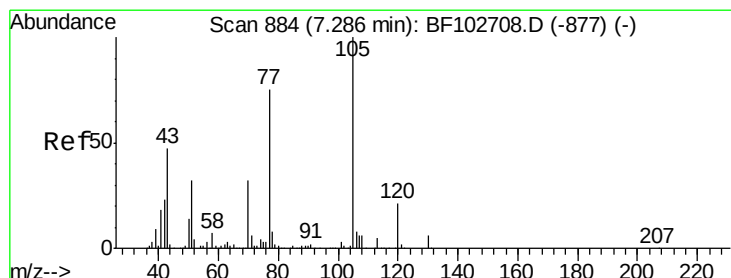
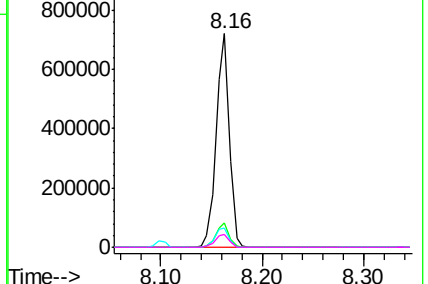
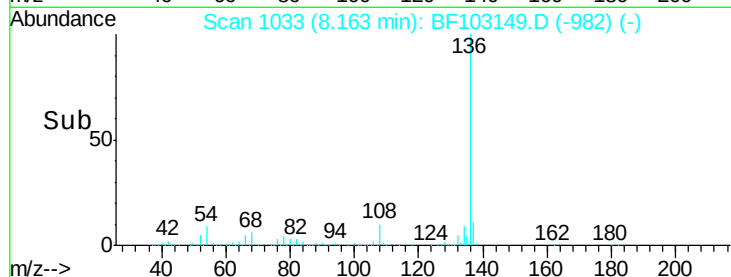
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
PB106711BS

Tot Ion:136	Resp:	649354	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 9.1	6.6	9.8	
68 6.3	5.0	7.4	

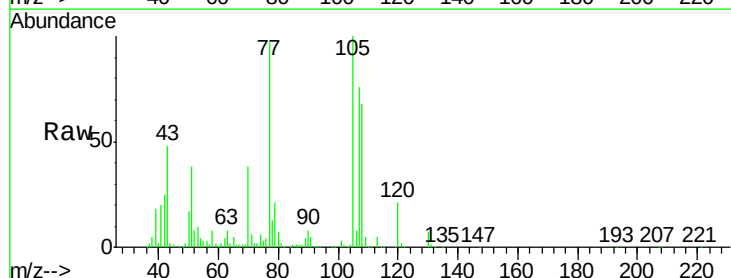


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

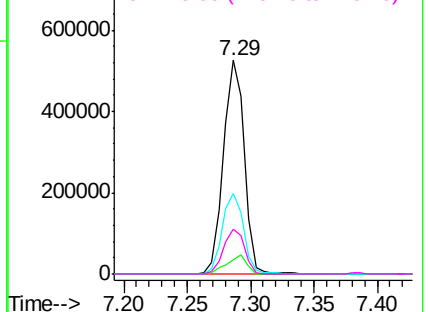
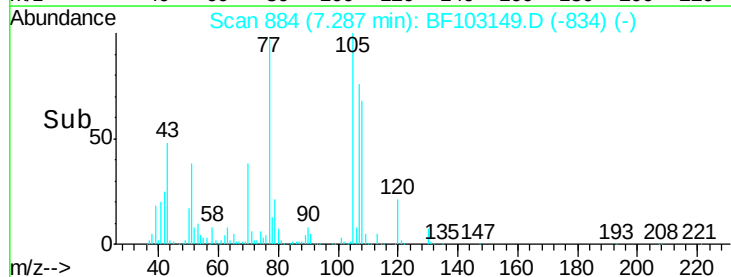


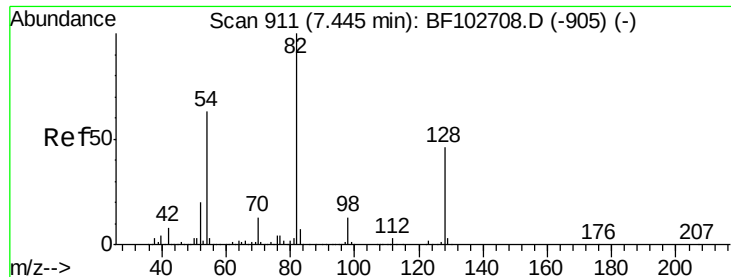
#22
Acetophenone
Concen: 37.735 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt	Ion:105	Resp:	599614
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	38.1	22.3	33.5#
120	21.1	16.9	25.3



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

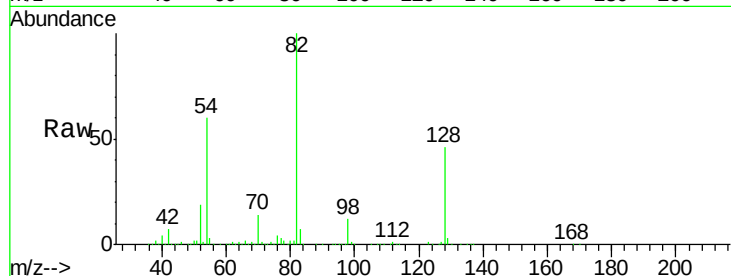




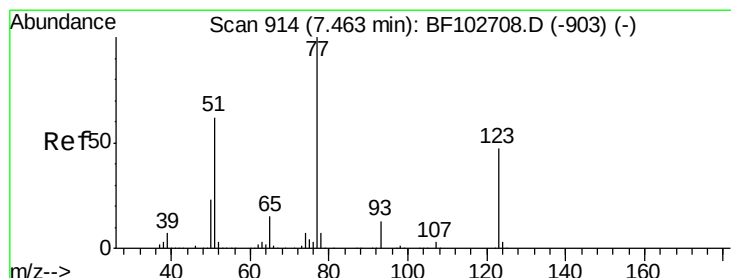
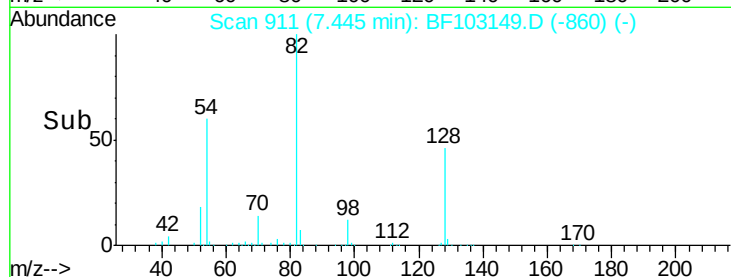
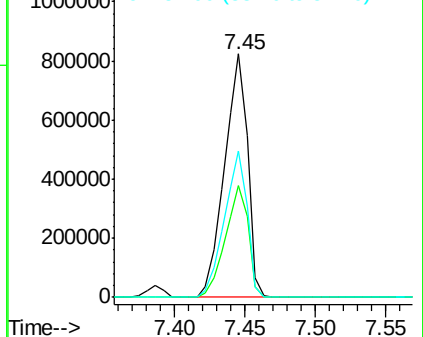
#23
Nitrobenzene-d5
Concen: 99.989 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
PB106711BS

Tot Ion	82	Resp	935959
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	60.3	41.4	62.2

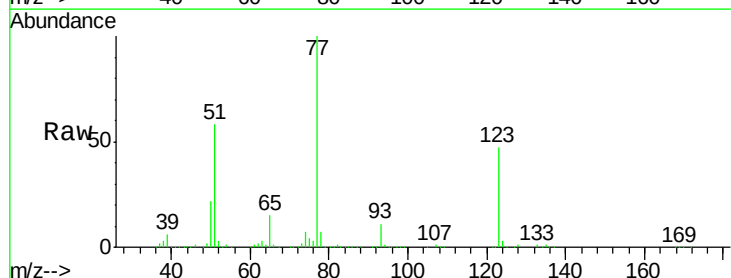


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

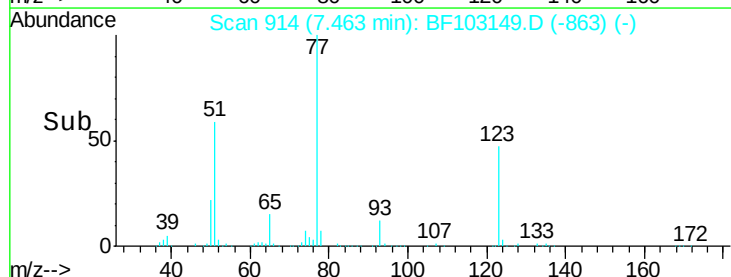
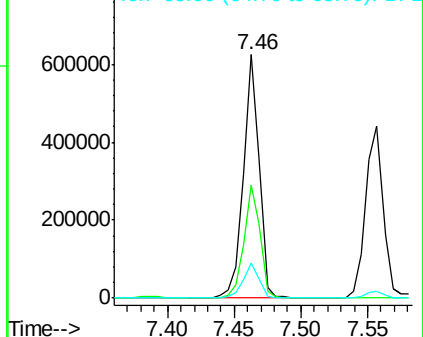


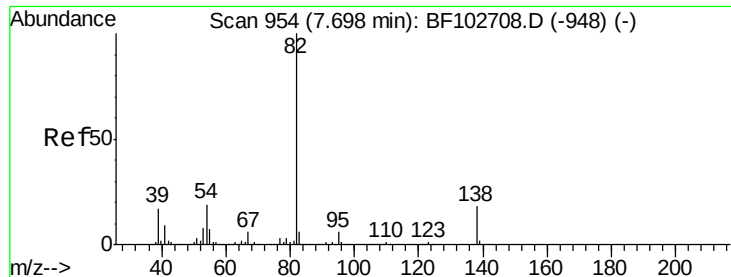
#24
Nitrobenzene
Concen: 46.358 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion	77	Resp	510413
Ion Ratio	100	Lower	Upper
123	46.6	37.9	56.9
65	14.5	11.0	16.4



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





#25

Isophorone

Concen: 43.437 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

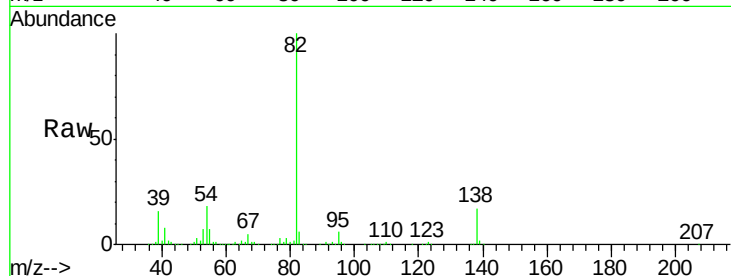
Tot Ion: 82 Resp: 936267

Ion Ratio Lower Upper

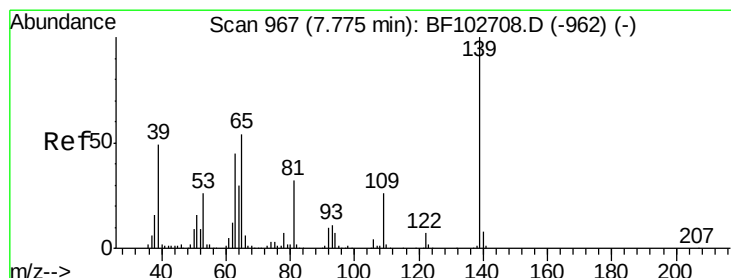
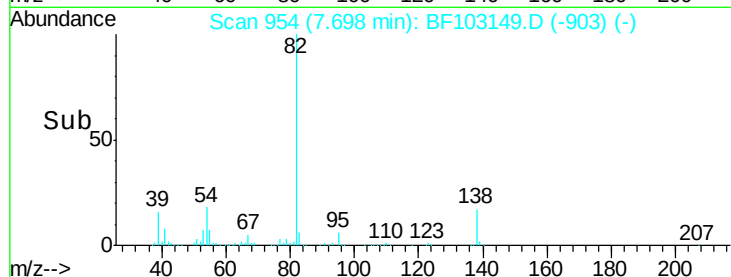
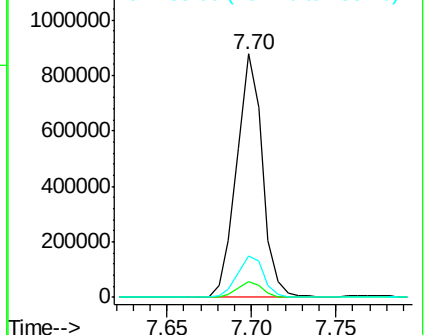
82 100

95 6.3 5.2 7.8

138 16.9 14.9 22.3



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: 53.341 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

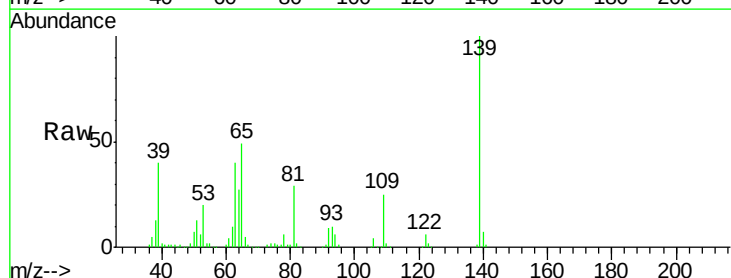
Tgt Ion: 139 Resp: 246613

Ion Ratio Lower Upper

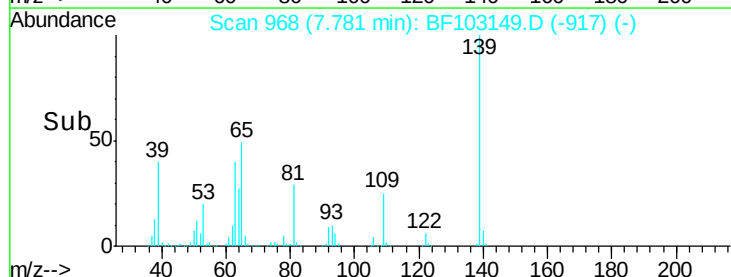
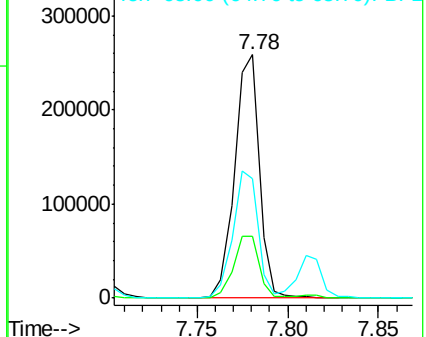
139 100

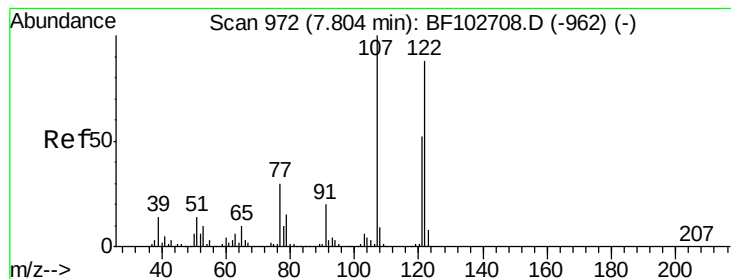
109 25.4 22.7 34.1

65 49.2 40.5 60.7



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: 46.495 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

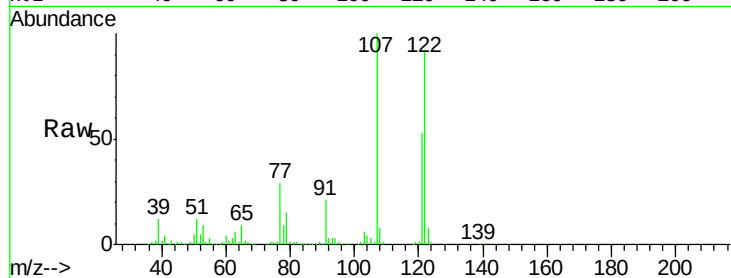
Tot Ion:122 Resp: 423399

Ion Ratio Lower Upper

122 100

107 108.6 91.2 136.8

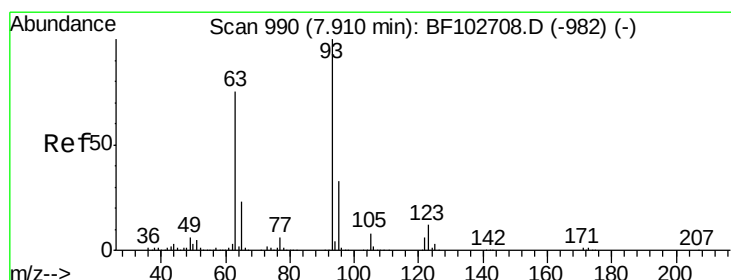
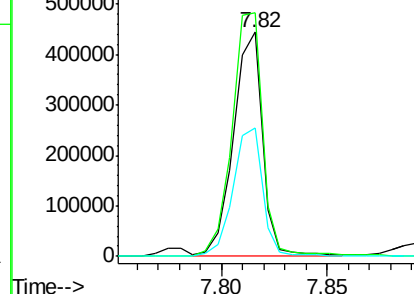
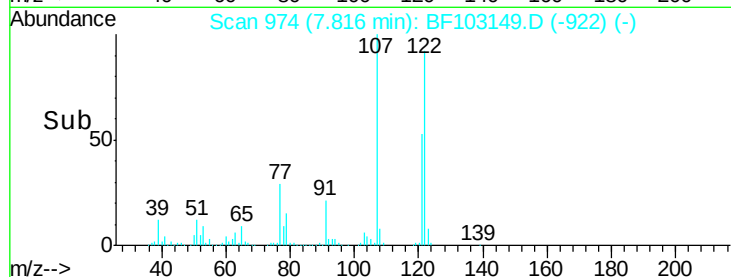
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.905 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

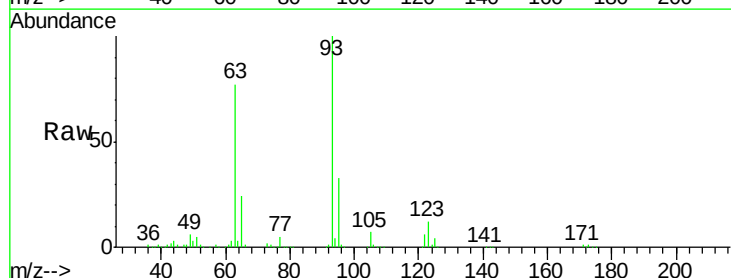
Tgt Ion: 93 Resp: 586135

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

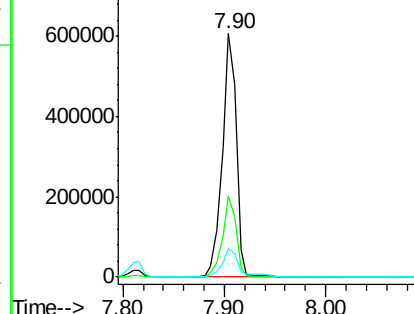
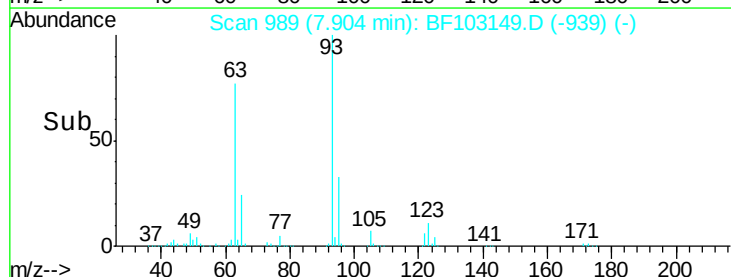
123 11.6 9.8 14.6

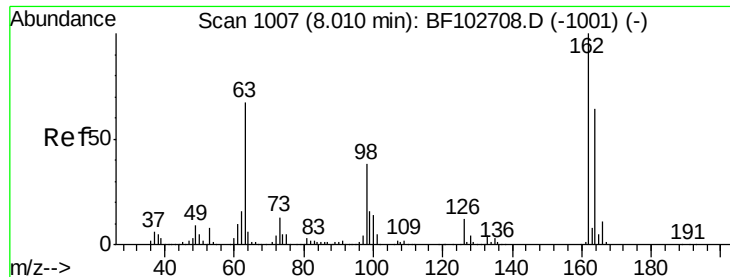


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

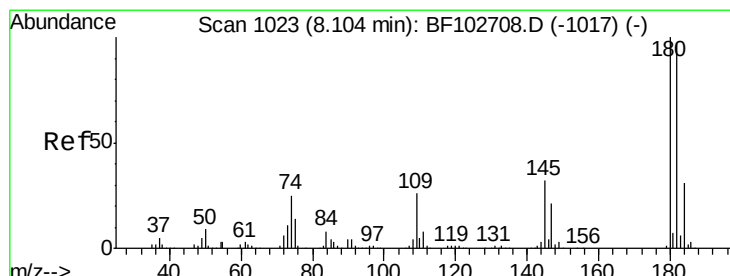
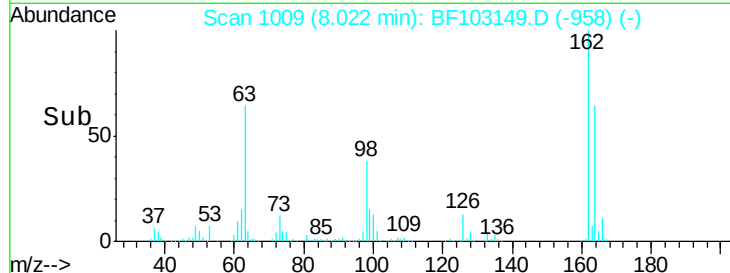
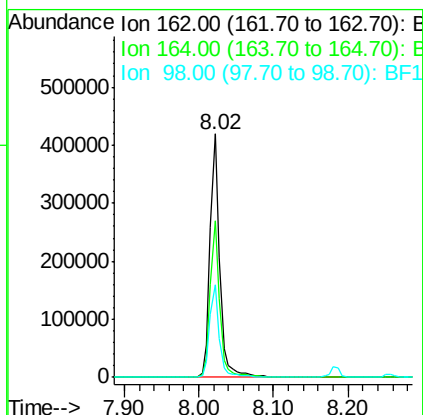
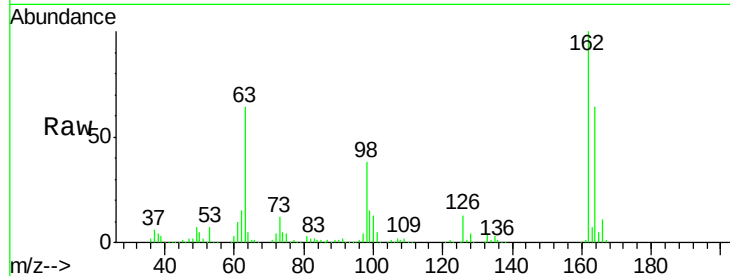




#29
 2,4-Dichlorophenol
 Concen: 45.981 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

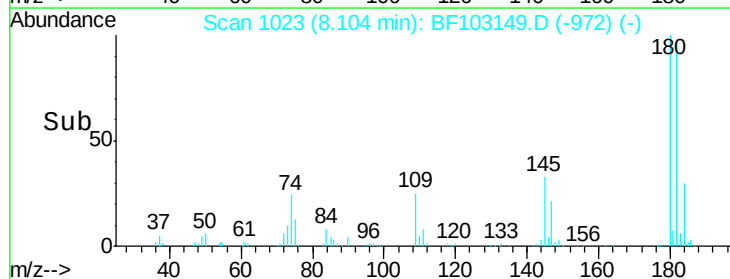
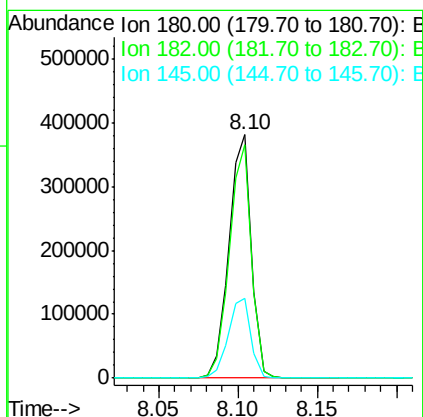
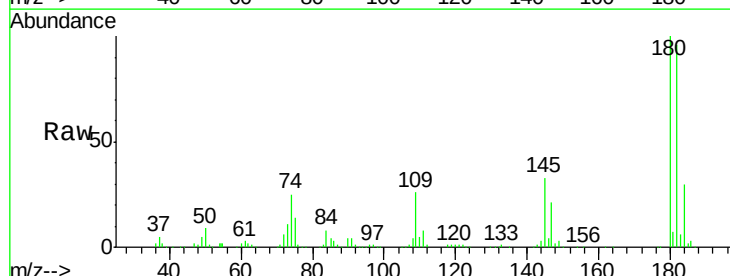
Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

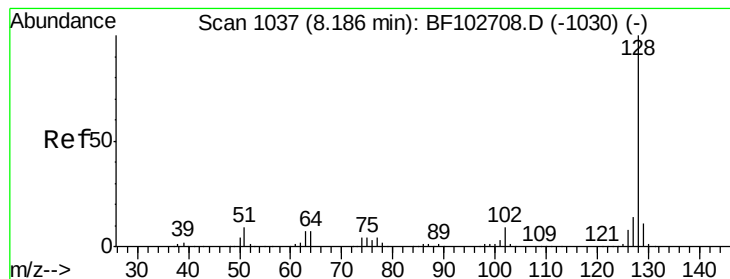
Tot Ion:162 Resp: 380637
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 38.1 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.913 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:180 Resp: 373778
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.8 115.2
 145 32.8 26.5 39.7





#31

Naphthalene

Concen: 40.189 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

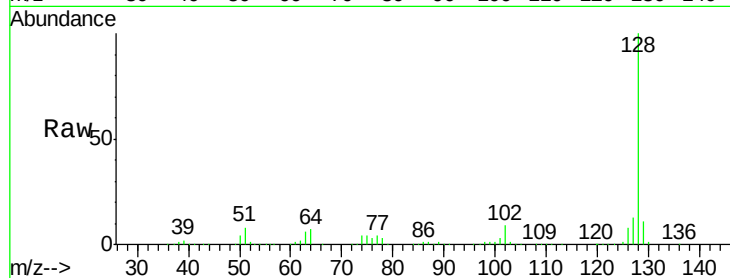
Tot Ion:128 Resp: 1275043

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

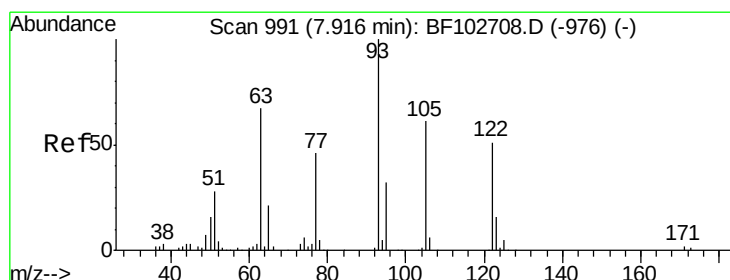
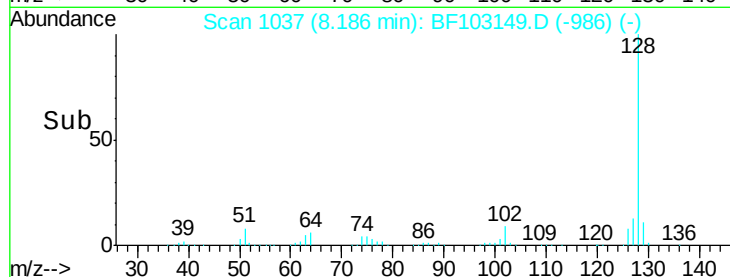
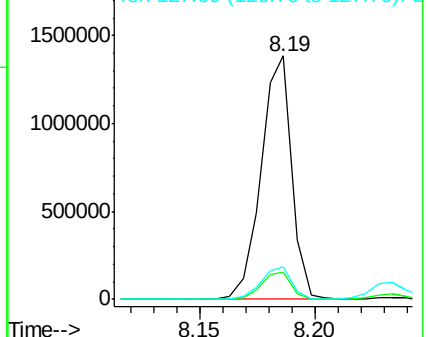
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.711 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

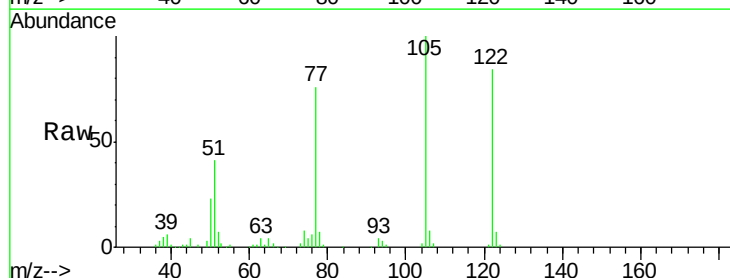
Tgt Ion:122 Resp: 219194

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

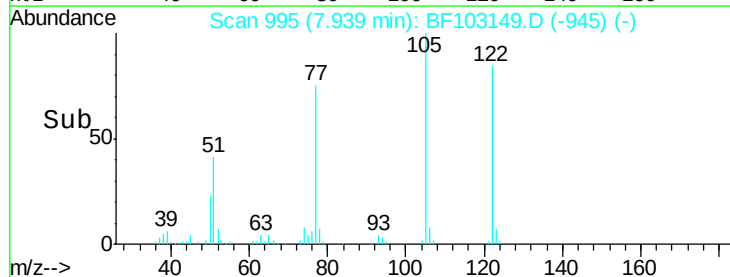
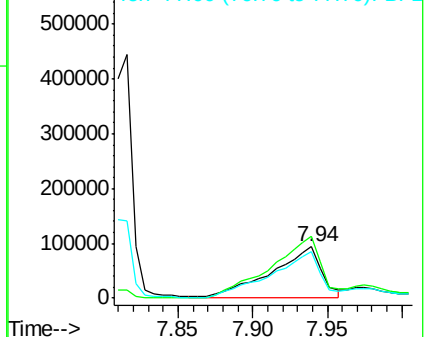
77 91.0 70.7 110.7

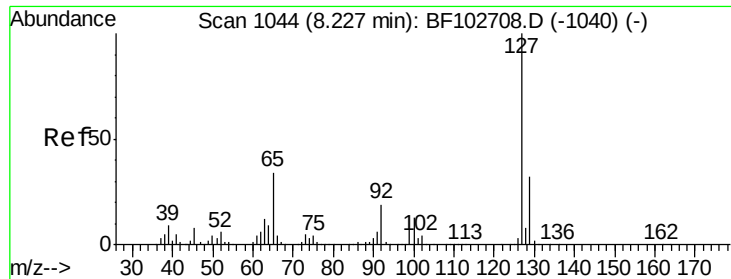


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

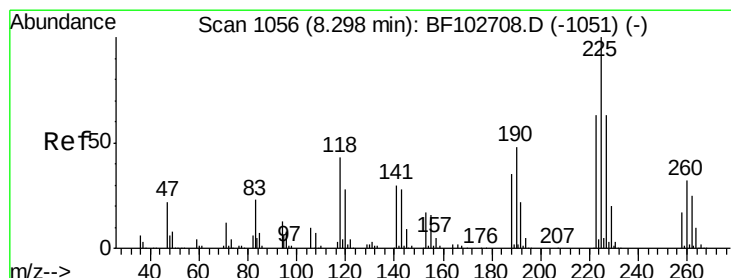
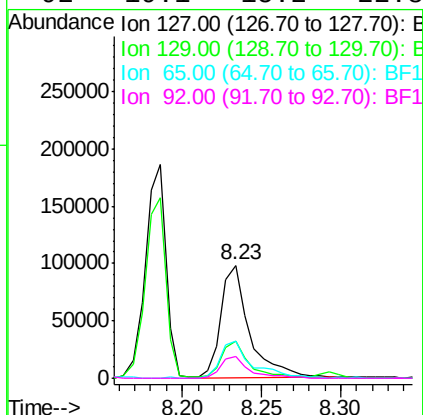
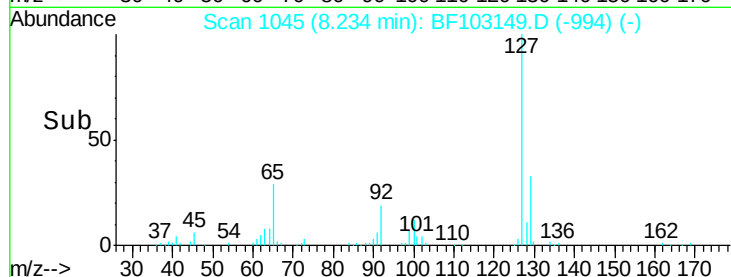
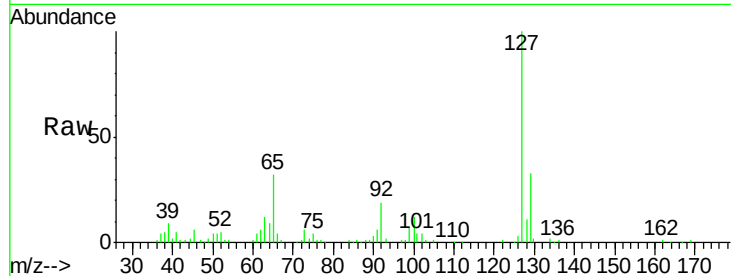




#33
4-Chloroaniline
Concen: 8.985 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

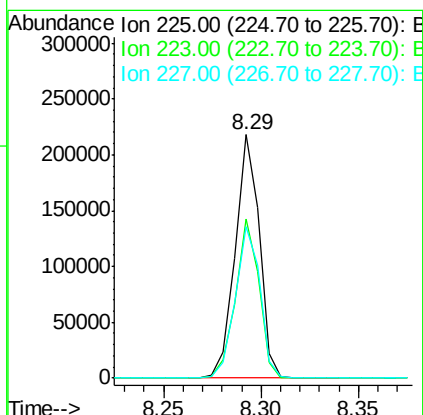
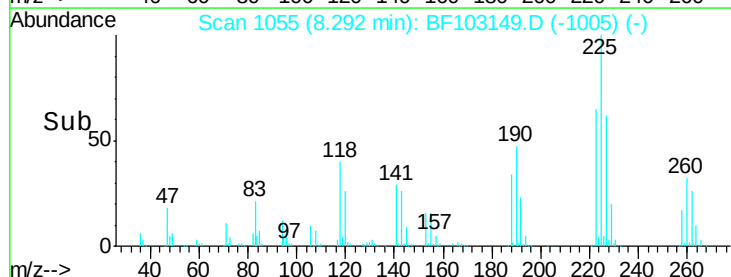
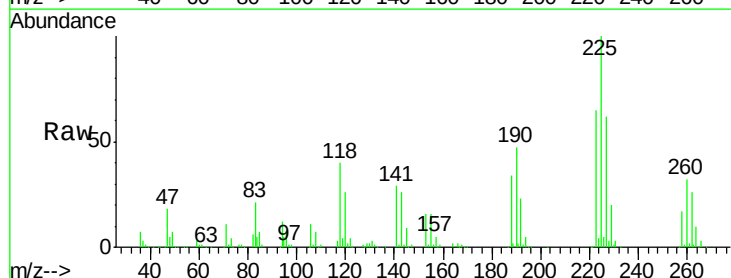
Instrument :
BNA_F
ClientSampleId :
PB106711BS

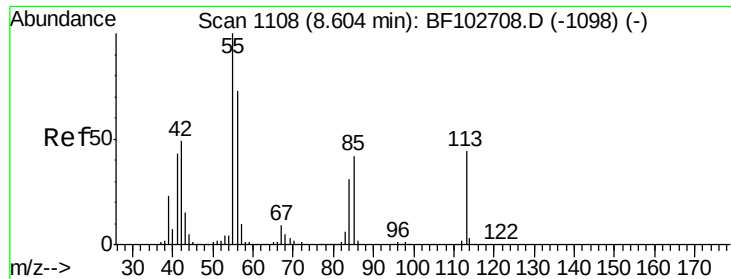
Tot Ion:	127	Resp:	122800
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	32.4	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.879 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:	225	Resp:	186572
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	62.3	51.9	77.9

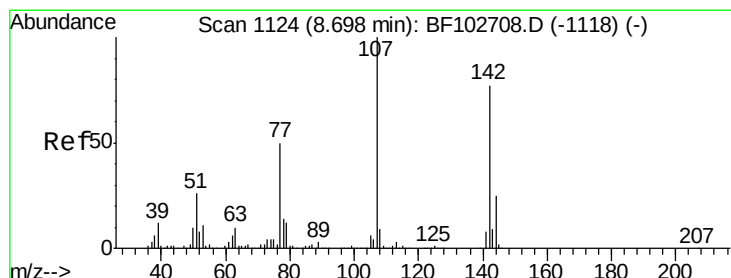
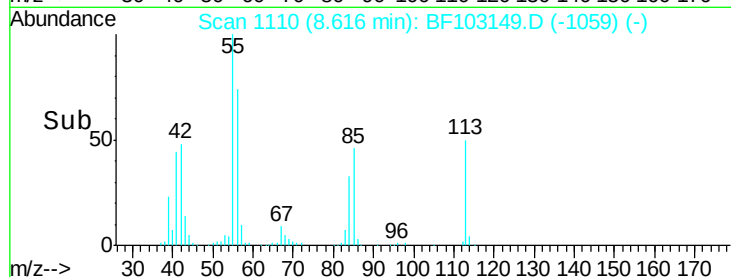
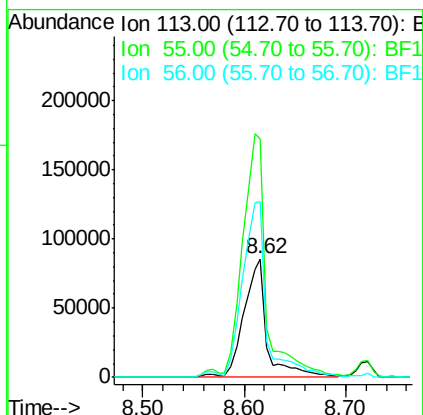
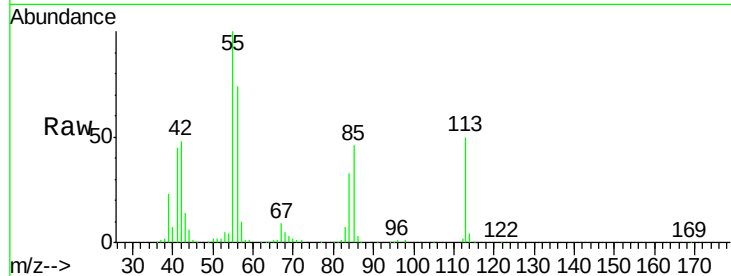




#35
 Caprolactam
 Concen: 46.951 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

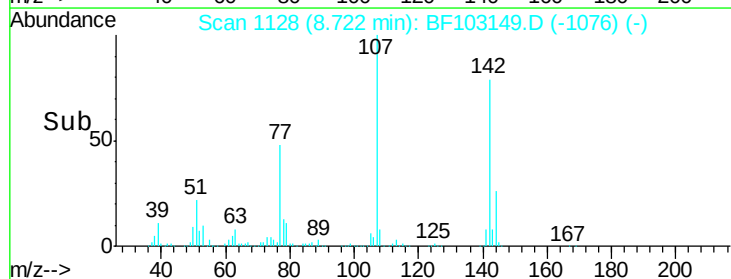
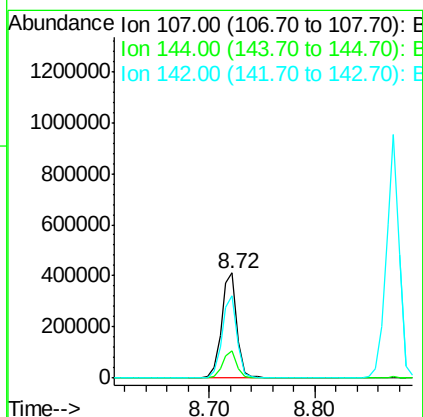
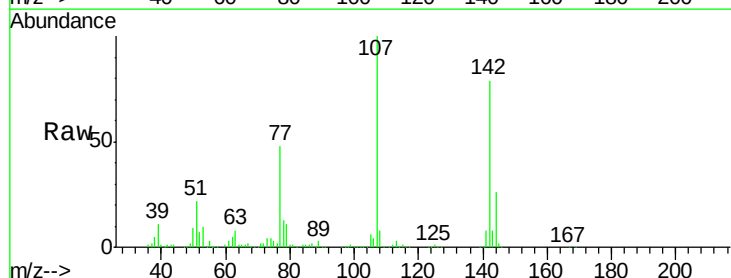
Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

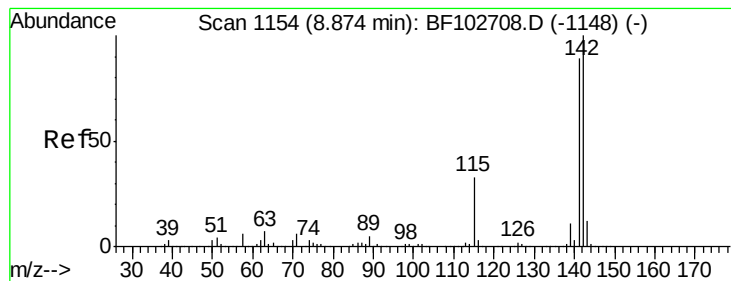
Tot Ion:113 Resp: 134979
 Ion Ratio Lower Upper
 113 100
 55 201.3 163.3 203.3
 56 148.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.035 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:107 Resp: 418883
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.141 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

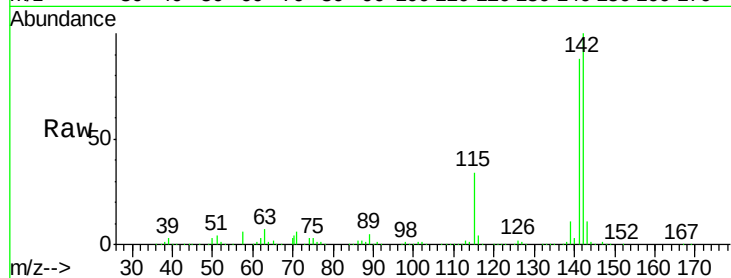
Tot Ion:142 Resp: 833787

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2

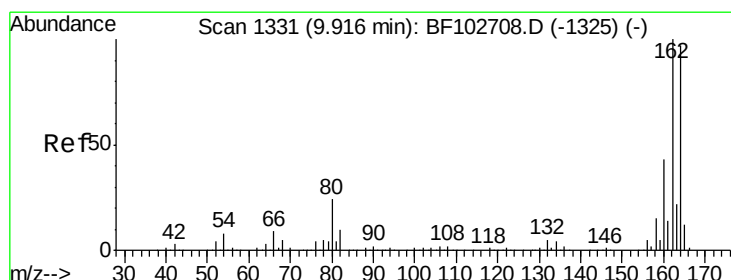
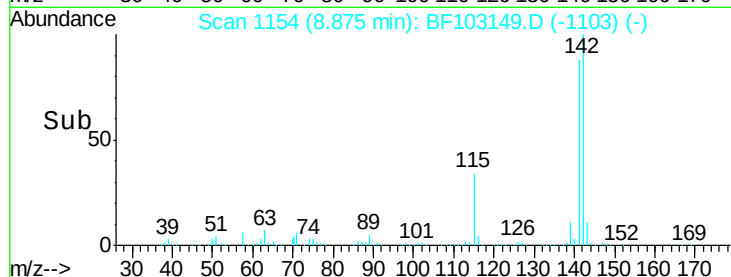
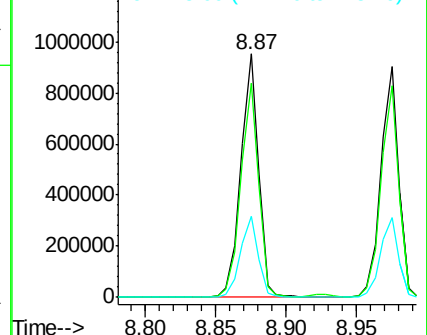
115 33.5 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

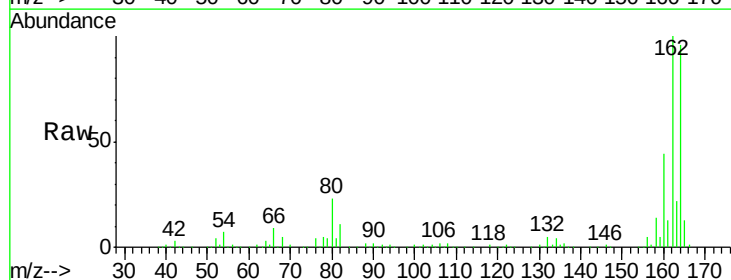
Tgt Ion:164 Resp: 263406

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

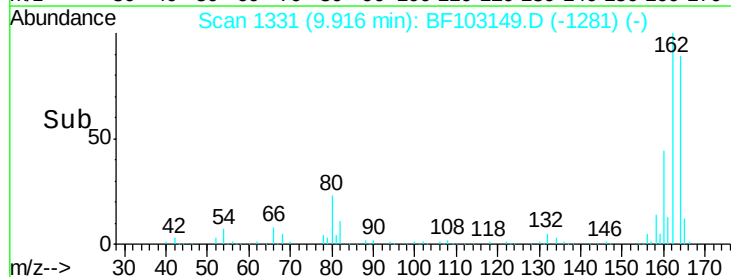
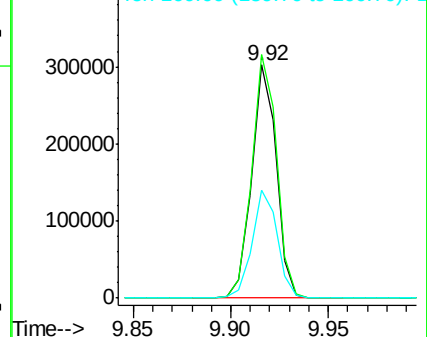
160 46.2 38.3 57.5

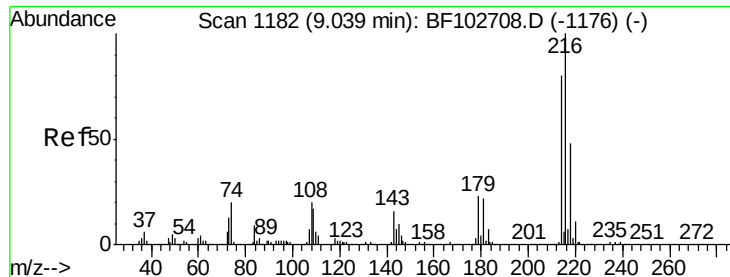


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

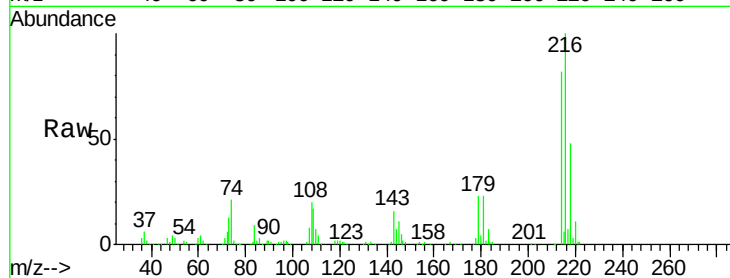




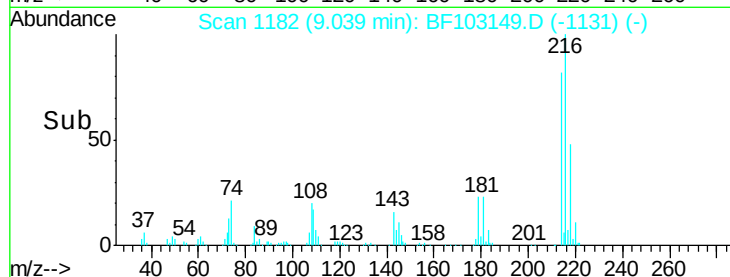
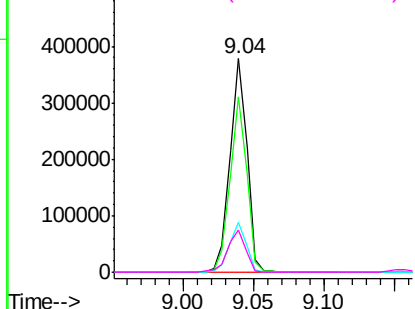
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.271 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Tot Ion:216	Resp:	317514
Ion Ratio	Lower	Upper
216	100	
214	80.4	63.0 94.4
179	23.1	18.1 27.1
108	21.1	17.2 25.8

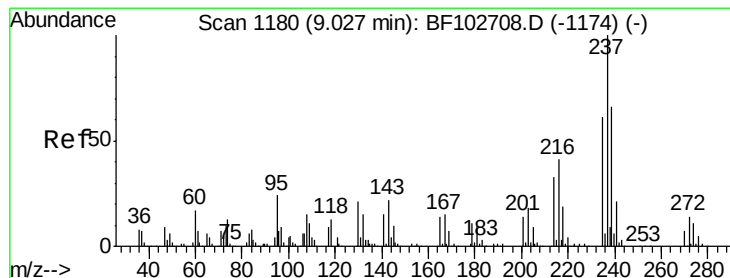


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

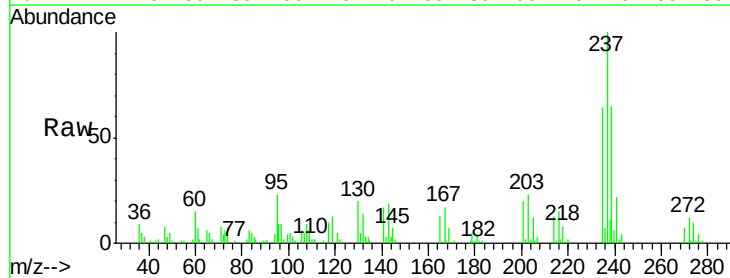
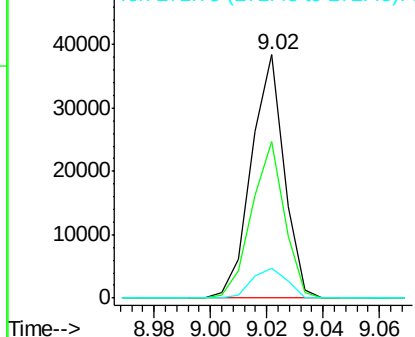


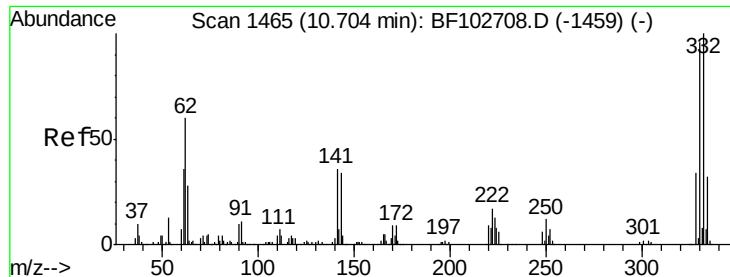
#40
 Hexachlorocyclopentadiene
 Concen: 9.052 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:237	Resp:	30863
Ion Ratio	Lower	Upper
237	100	
235	64.3	44.8 84.8
272	12.1	0.0 33.3



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





#41

2,4,6-Tribromophenol

Concen: 113.295 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

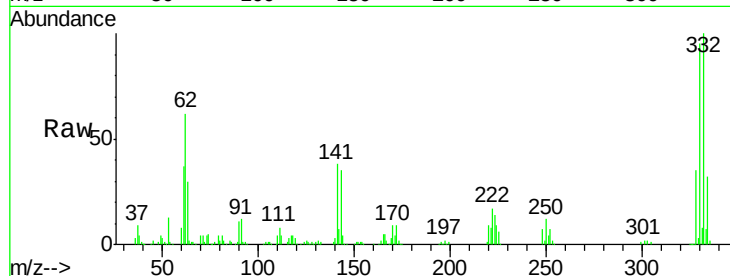
Tot Ion:330 Resp: 240197

Ion Ratio Lower Upper

330 100

332 103.8 77.0 115.6

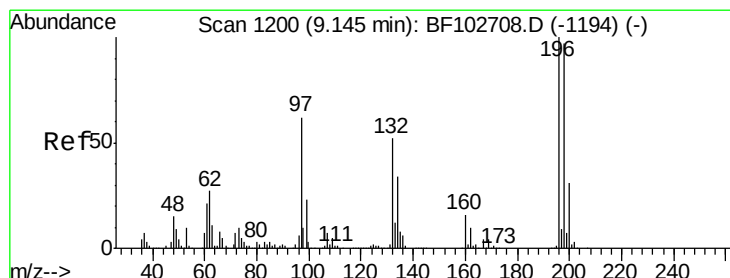
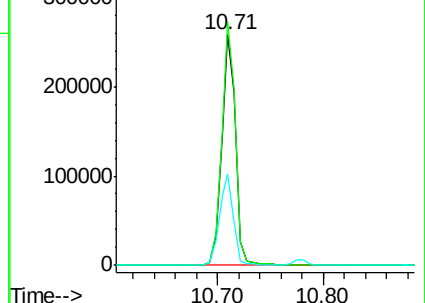
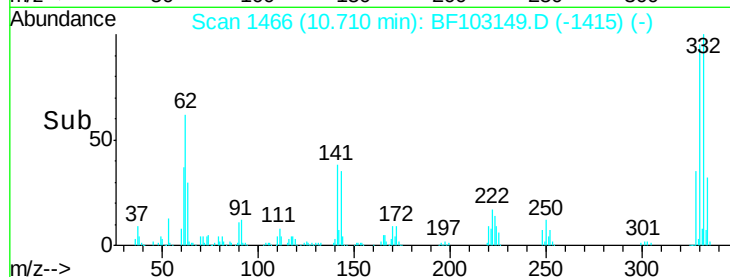
141 39.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.903 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

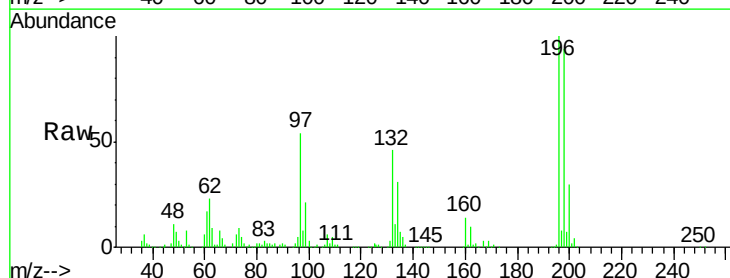
Tgt Ion:196 Resp: 230371

Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

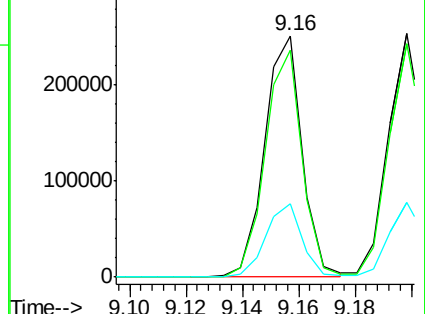
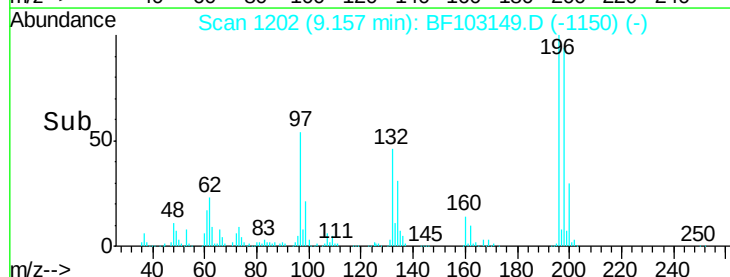
200 30.2 24.5 36.7

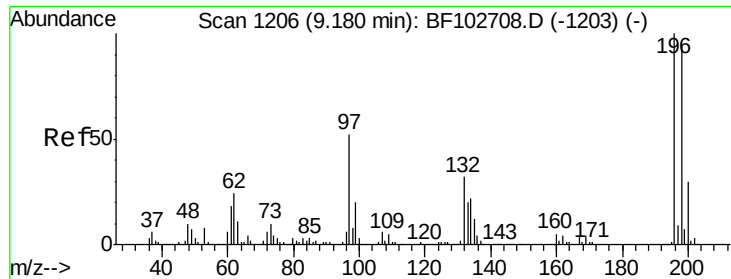


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

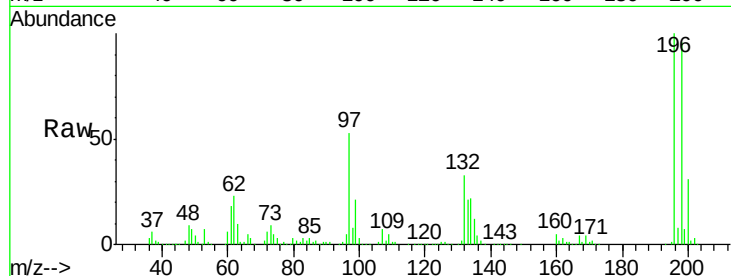




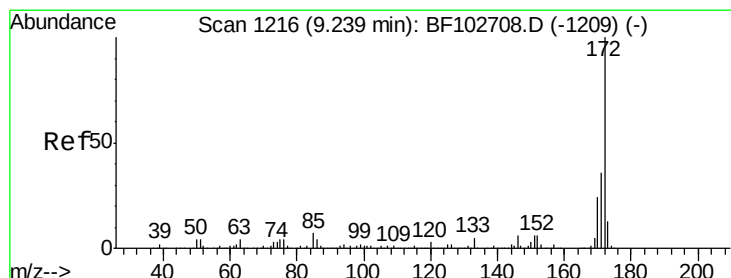
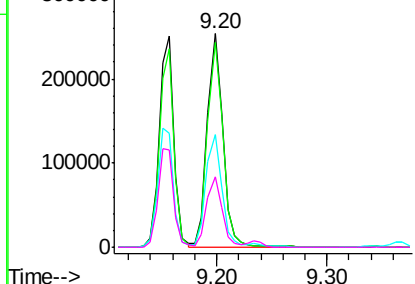
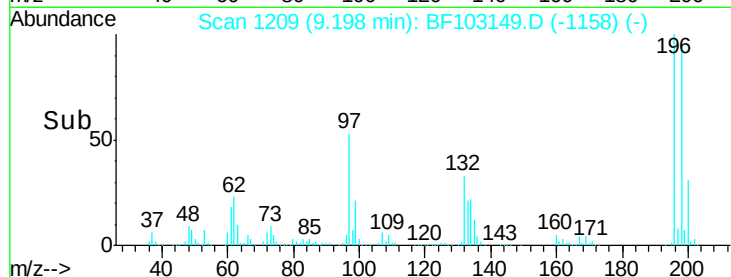
#43
 2,4,5-Trichlorophenol
 Concen: 45.861 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Tot Ion:196 Resp: 243503
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 52.8 42.9 64.3
 132 32.7 26.3 39.5

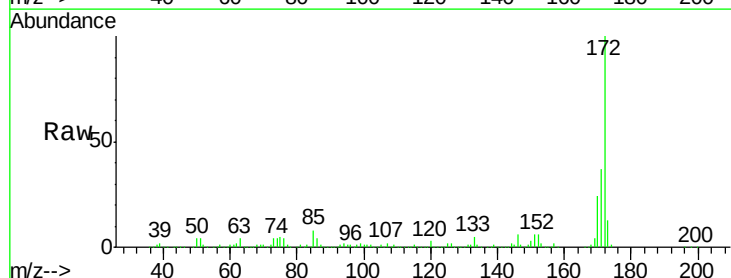


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

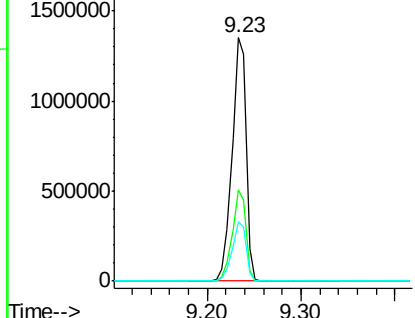
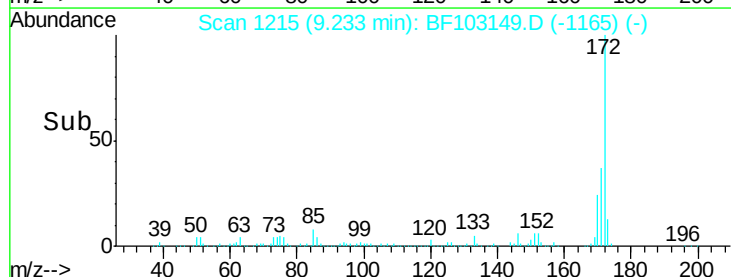


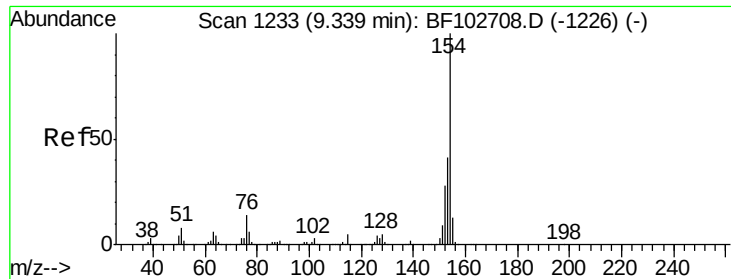
#44
 2-Fluorobiphenyl
 Concen: 88.241 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:172 Resp: 1400732
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.3 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 41.739 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

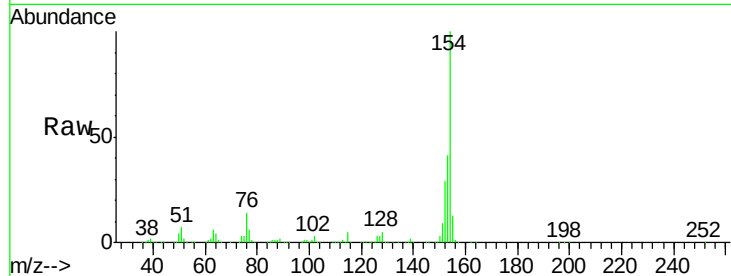
Tot Ion:154 Resp: 926029

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

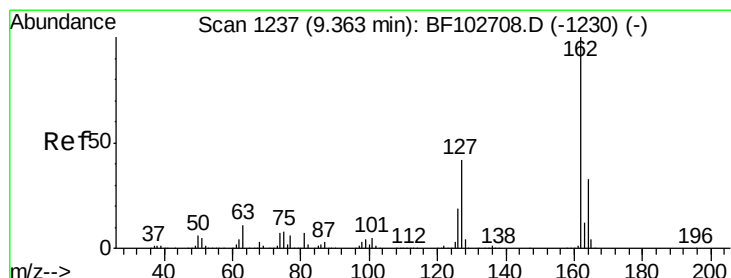
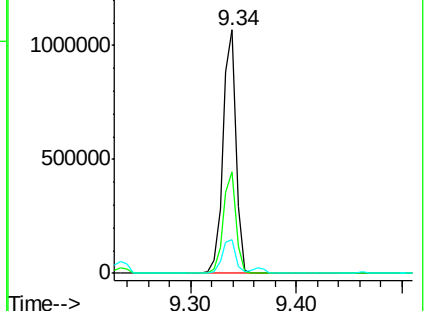
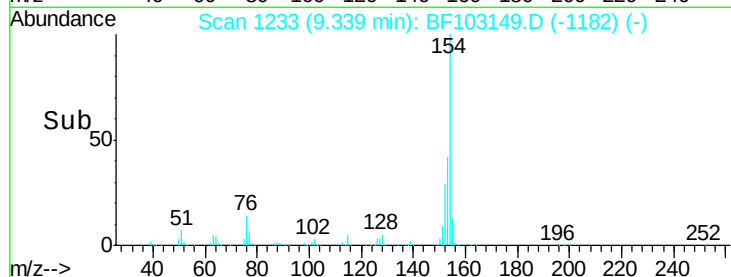
76 13.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.724 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

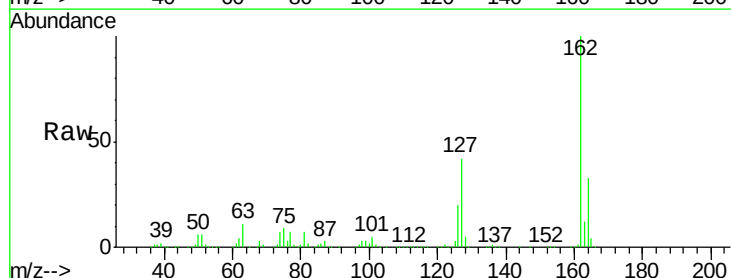
Tgt Ion:162 Resp: 746232

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

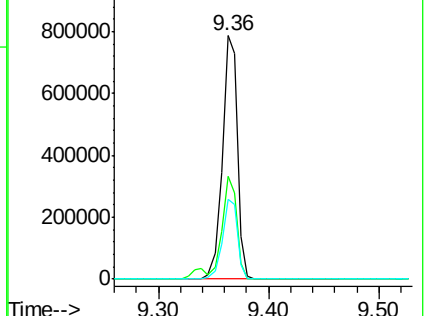
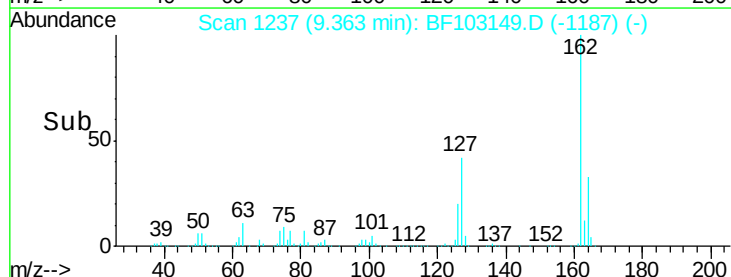
164 33.0 26.5 39.7

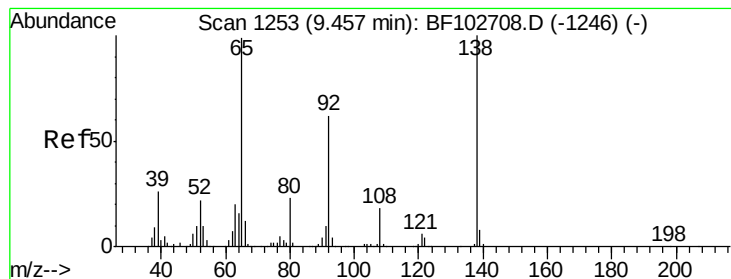


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.255 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

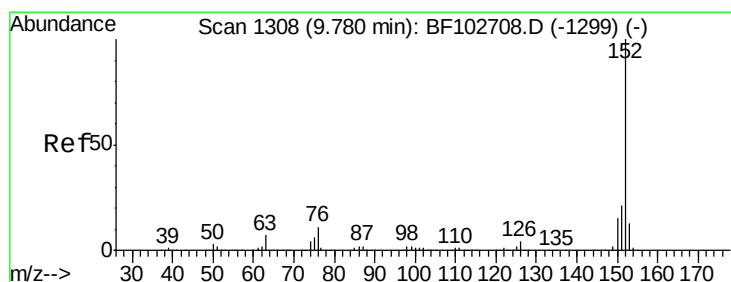
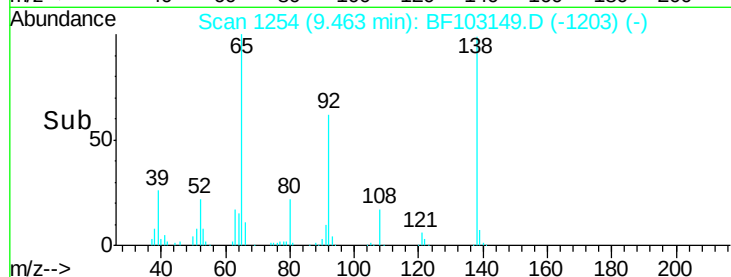
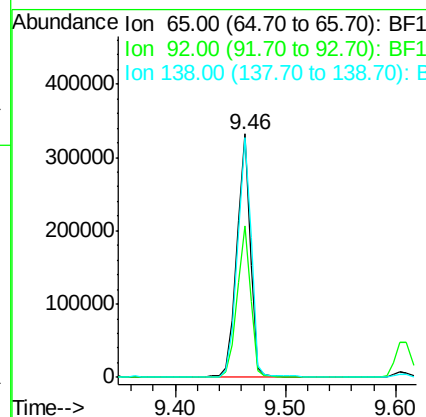
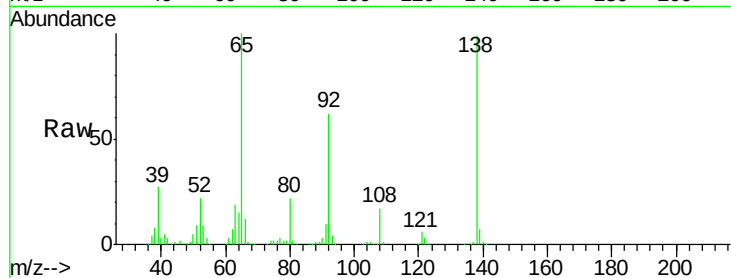
Tot Ion: 65 Resp: 289239

Ion Ratio Lower Upper

65 100

92 62.3 55.8 83.6

138 98.7 91.2 136.8



#48

Acenaphthylene

Concen: 40.599 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

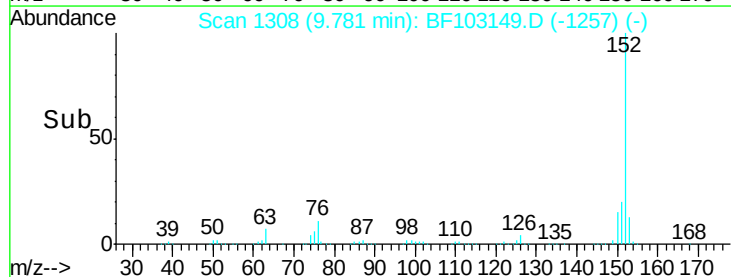
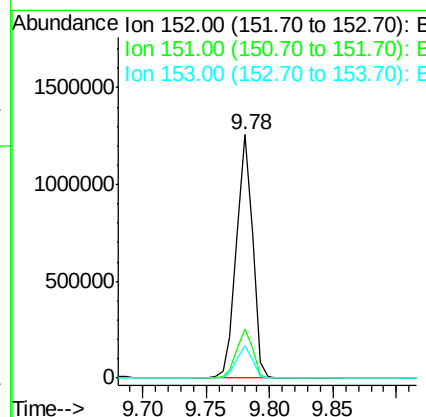
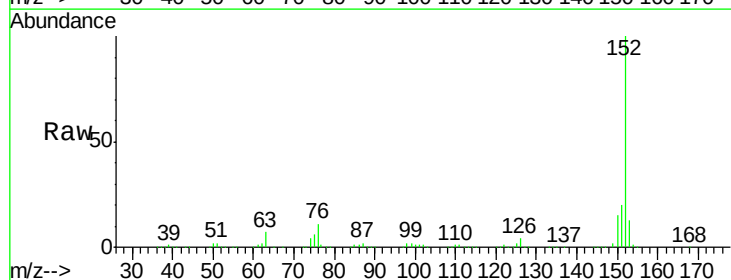
Tgt Ion: 152 Resp: 1101386

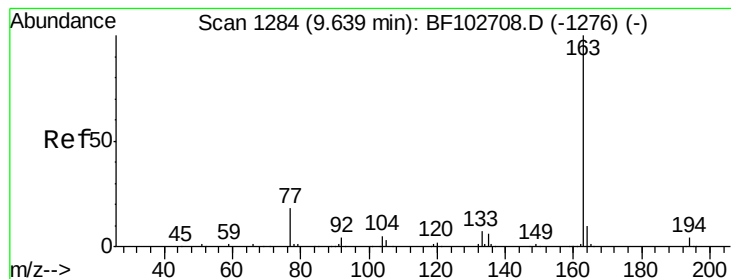
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 44.835 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

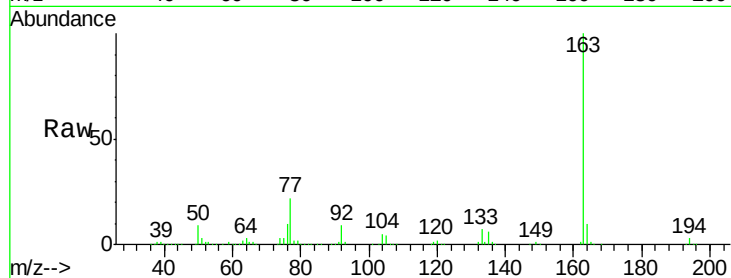
Tot Ion:163 Resp: 920832

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

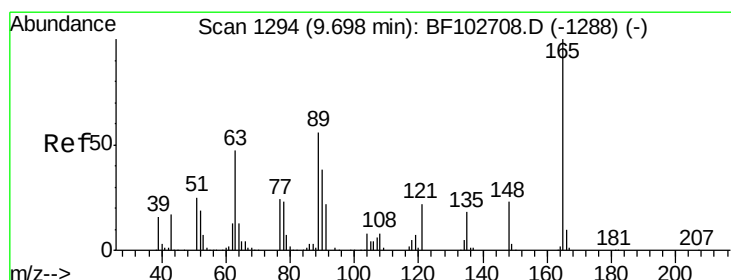
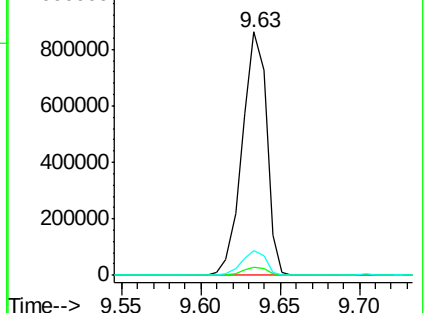
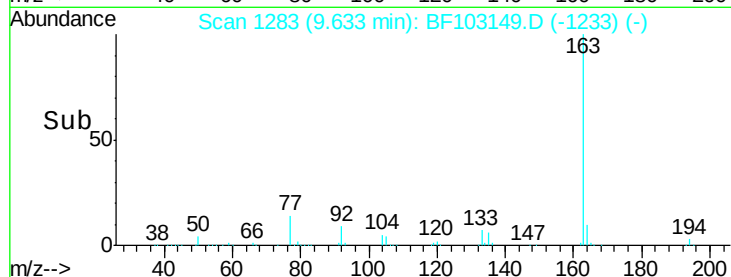
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.675 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

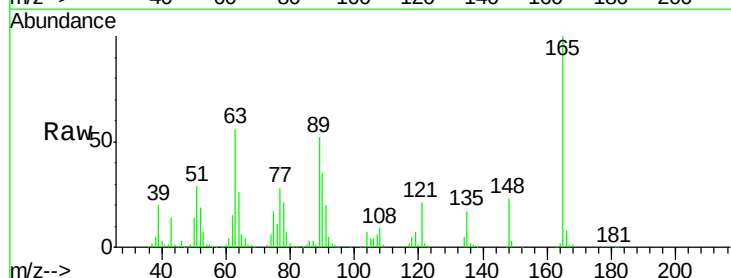
Tgt Ion:165 Resp: 194103

Ion Ratio Lower Upper

165 100

63 56.5 44.7 67.1

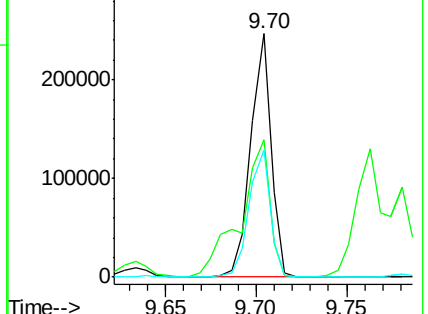
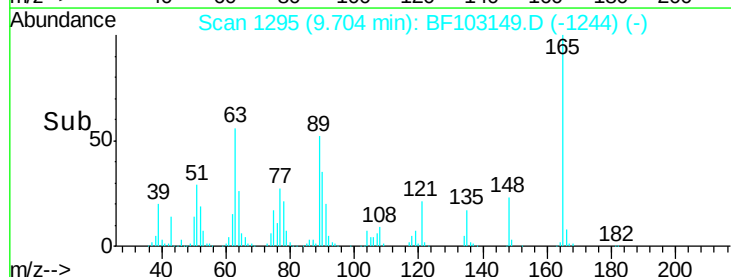
89 52.1 44.0 66.0

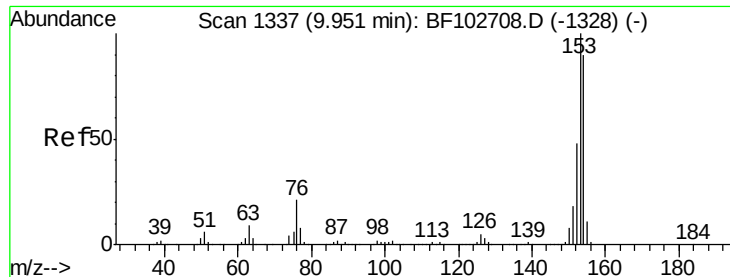


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.641 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

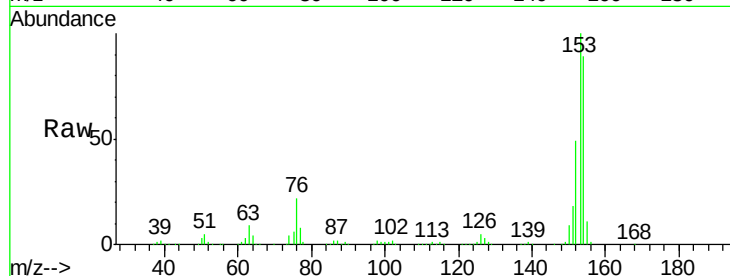
Tot Ion:154 Resp: 626897

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

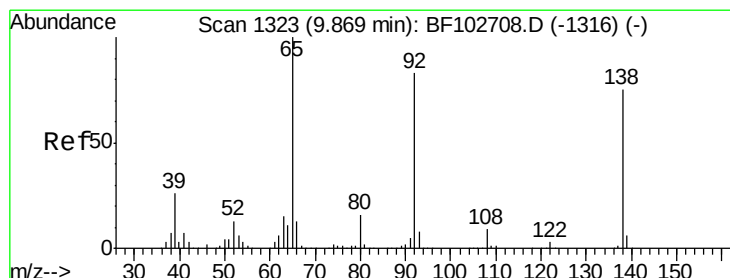
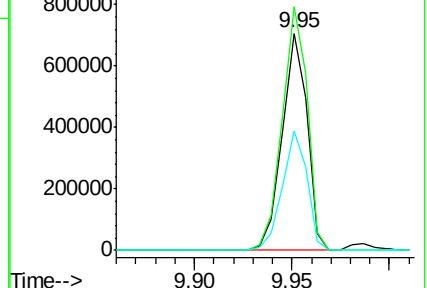
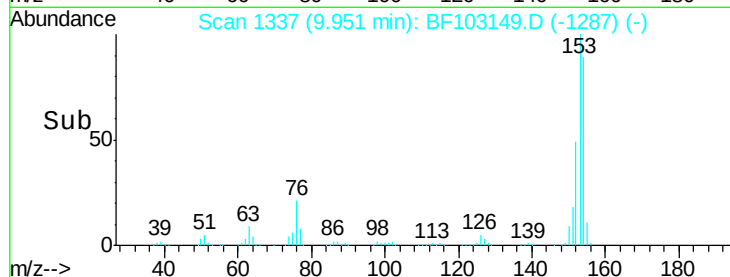
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.350 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

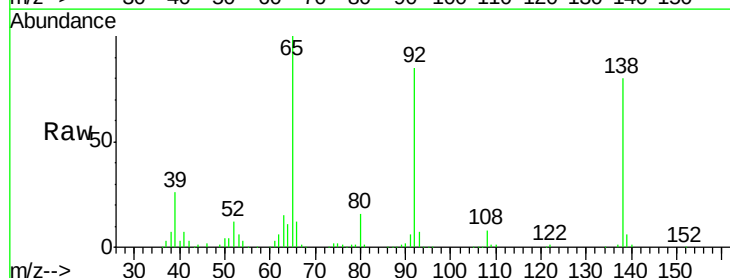
Tgt Ion:138 Resp: 136306

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

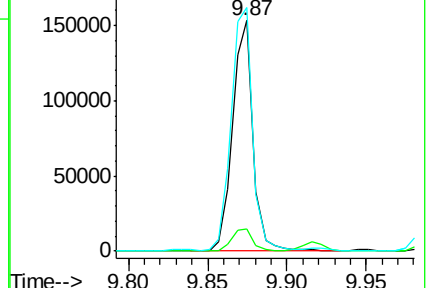
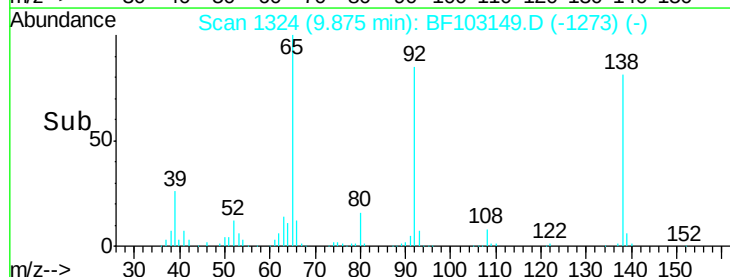
92 105.8 89.4 134.2

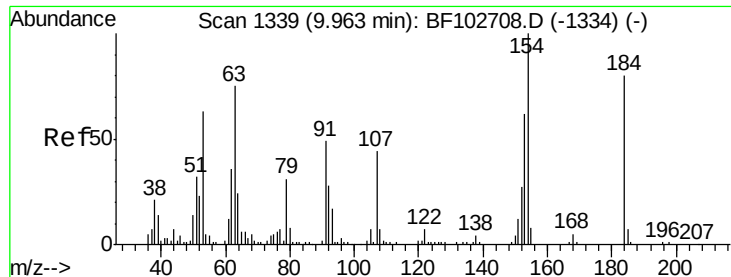


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

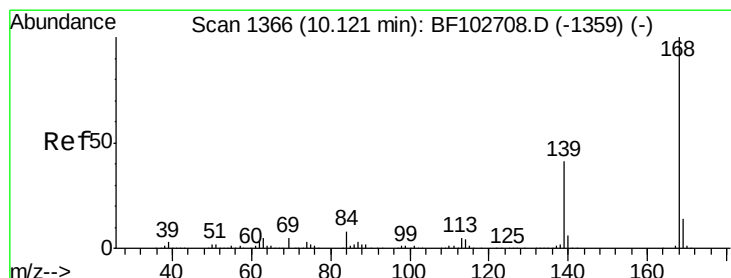
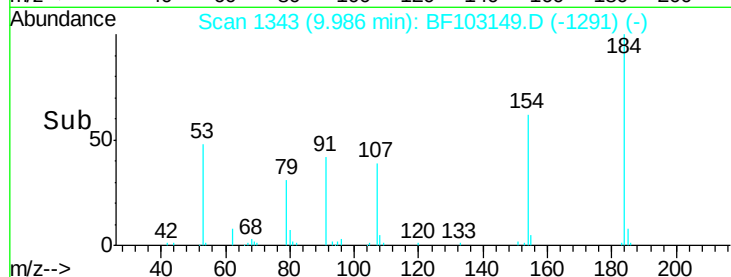
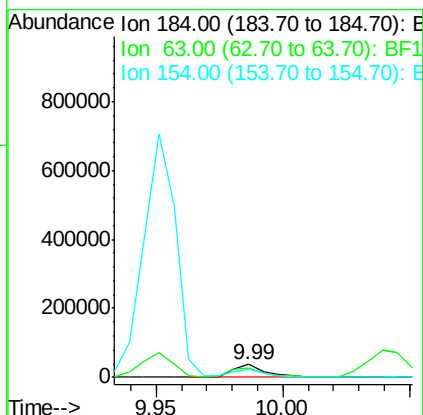
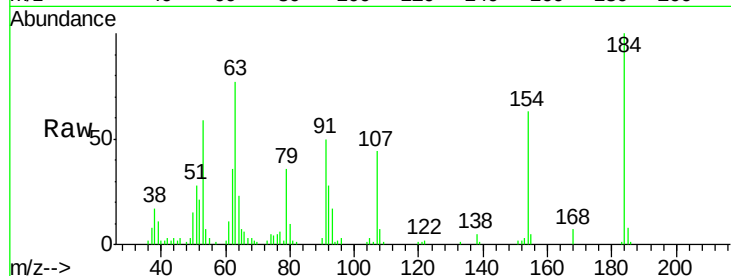




#53
 2,4-Dinitrophenol
 Concen: 41.420 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

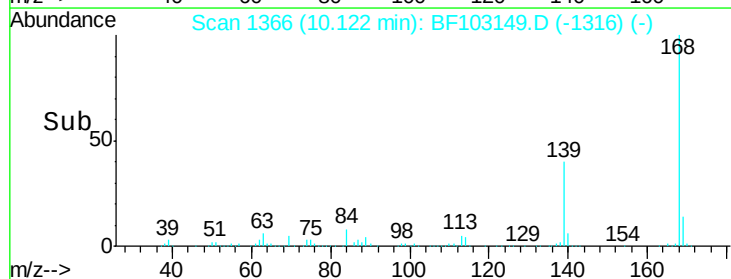
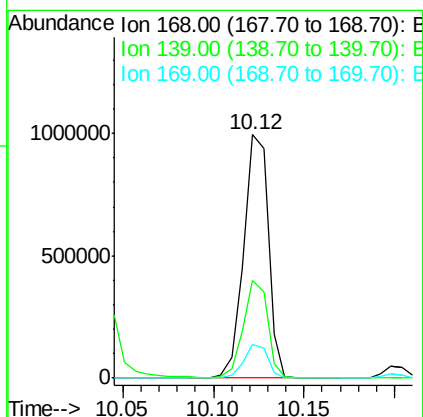
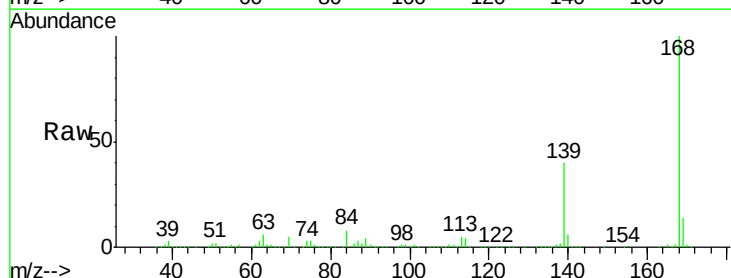
Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

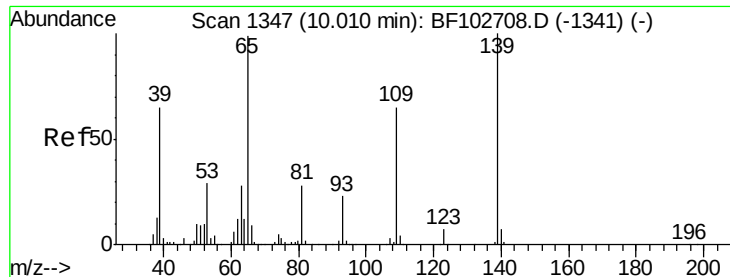
Tot Ion:184 Resp: 34661
 Ion Ratio Lower Upper
 184 100
 63 76.8 54.2 81.2
 154 63.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.343 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:168 Resp: 945242
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 13.6 10.9 16.3

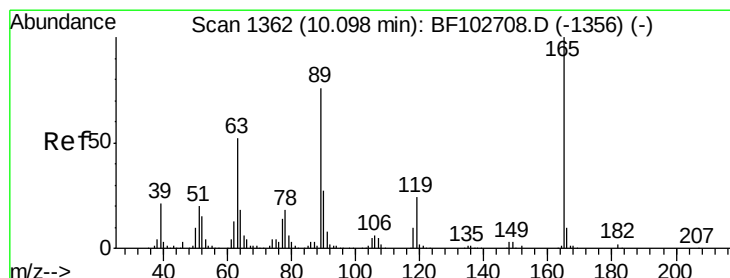
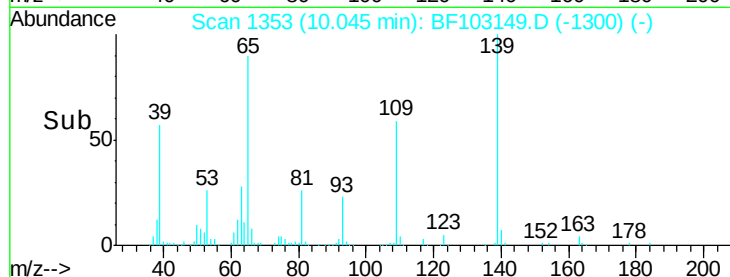
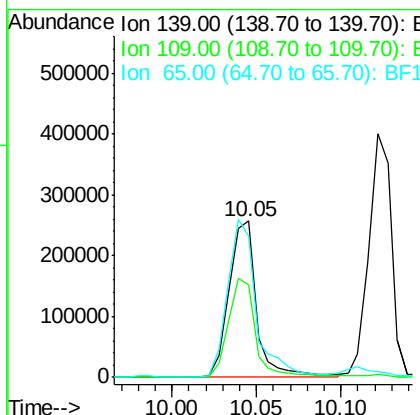
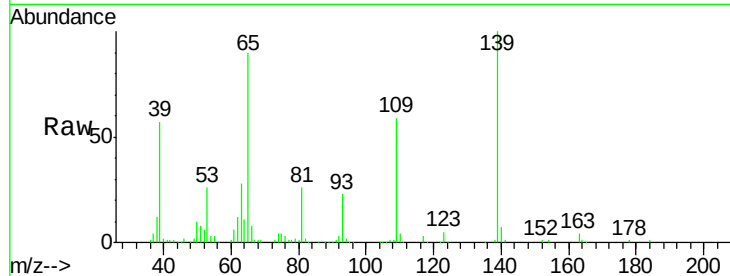




#55
4-Nitrophenol
Concen: 73.649 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

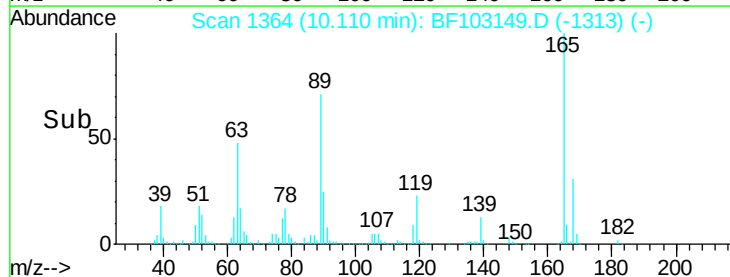
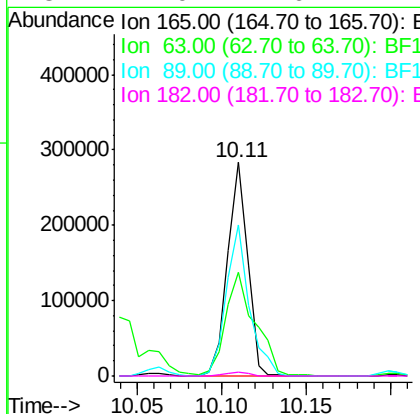
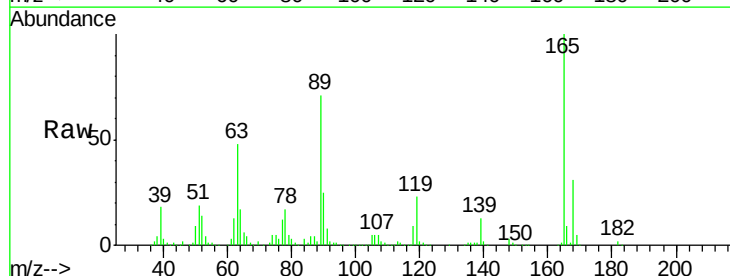
Instrument :
BNA_F
ClientSampleId :
PB106711BS

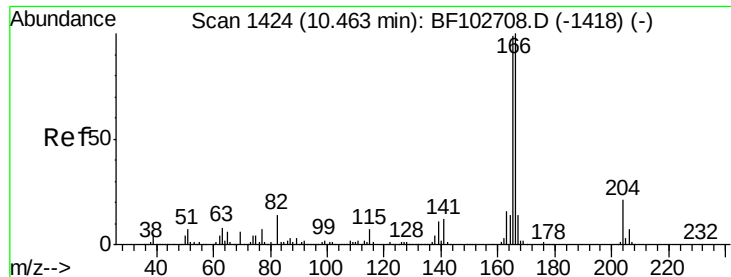
Tot Ion:139 Resp: 289663
Ion Ratio Lower Upper
139 100
109 59.4 48.4 88.4
65 90.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.970 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:165 Resp: 234579
Ion Ratio Lower Upper
165 100
63 48.5 36.4 54.6
89 70.8 57.8 86.6
182 2.0 1.6 2.4

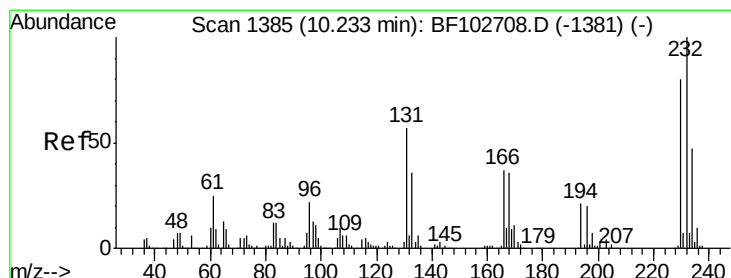
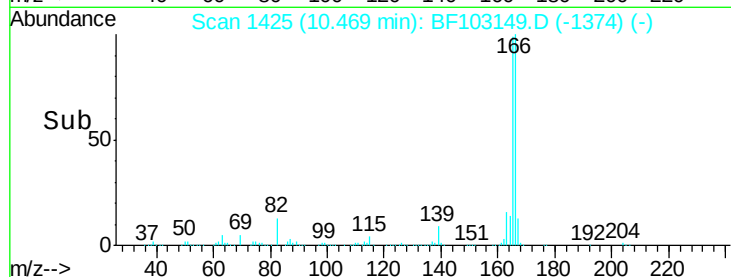
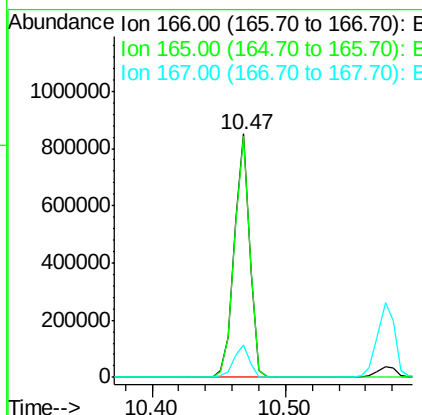
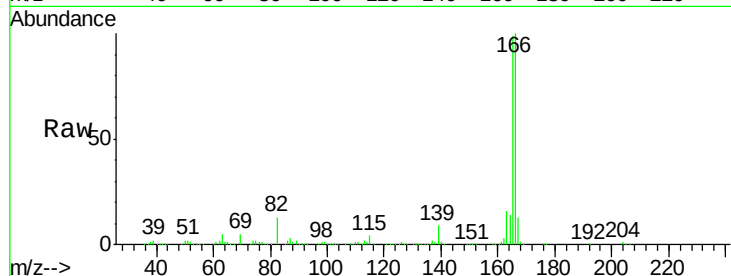




#57
 Fluorene
 Concen: 41.777 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

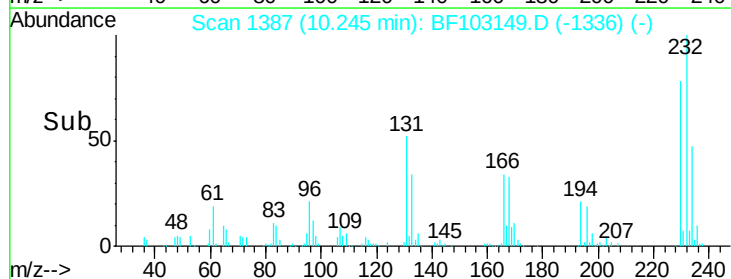
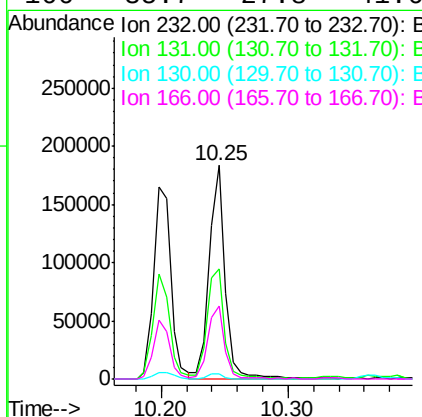
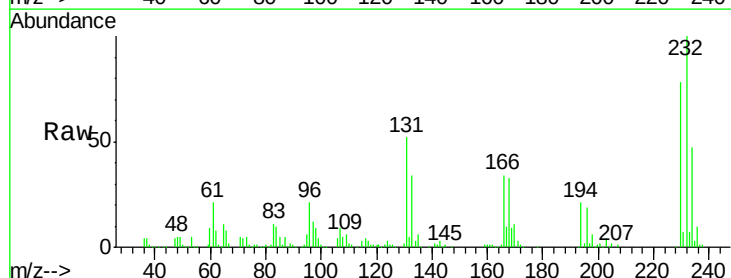
Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

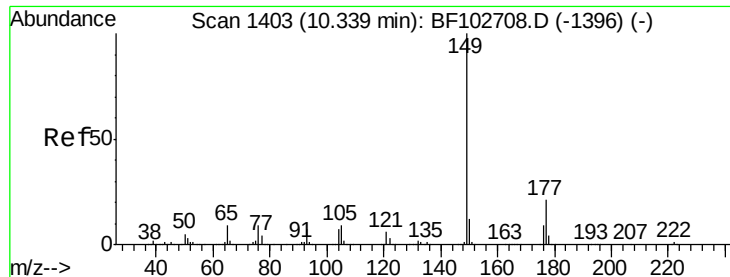
Tot Ion:166 Resp: 694952
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.193 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:232 Resp: 162630
 Ion Ratio Lower Upper
 232 100
 131 55.6 43.8 65.8
 130 2.4 2.1 3.1
 166 35.7 27.8 41.6





#59

Diethylphthalate

Concen: 42.078 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

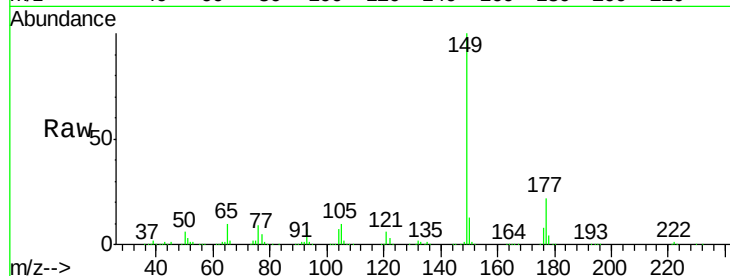
Tot Ion:149 Resp: 853324

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

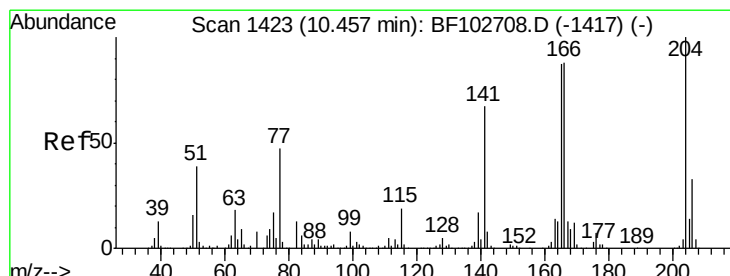
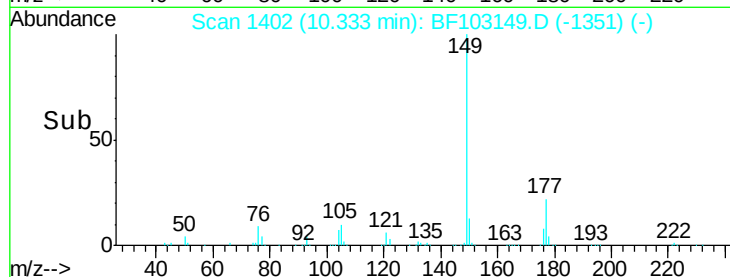
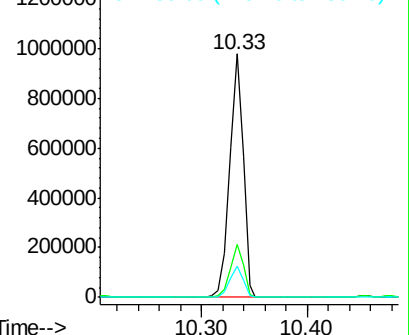
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.503 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

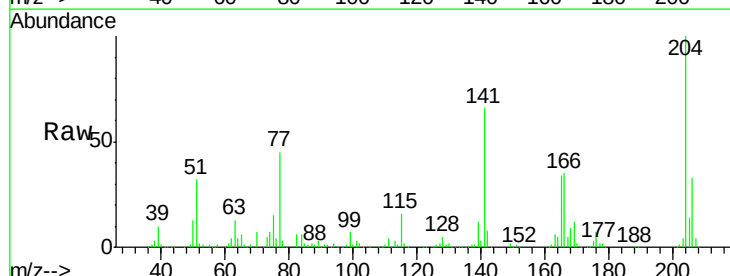
Tgt Ion:204 Resp: 320126

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

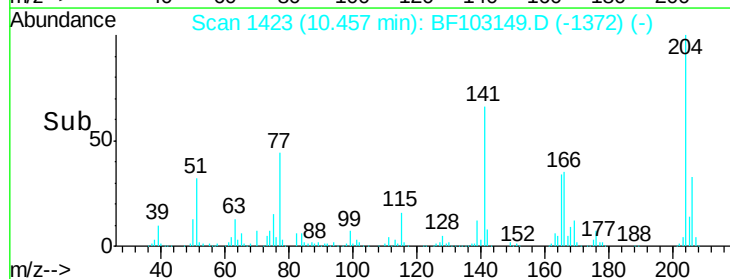
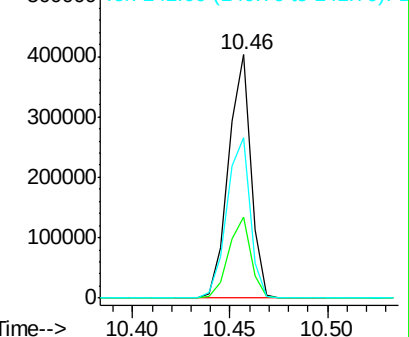
141 65.9 54.6 81.8

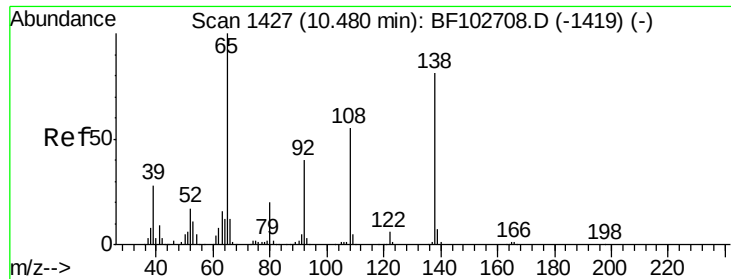


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

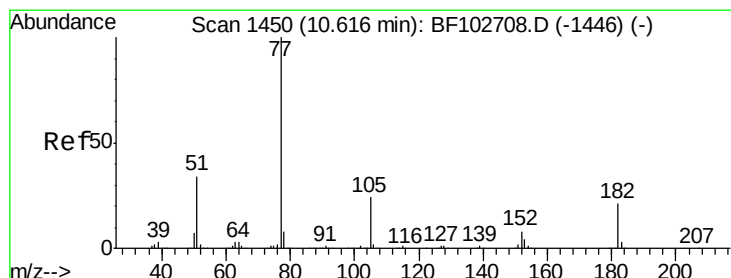
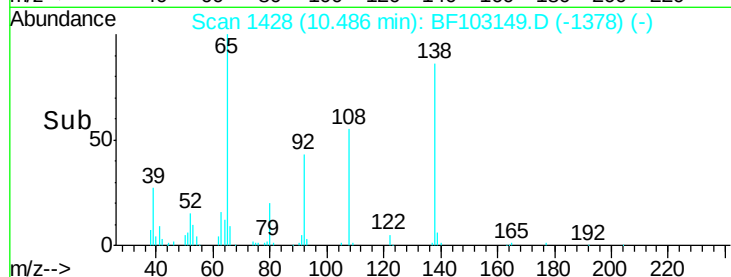
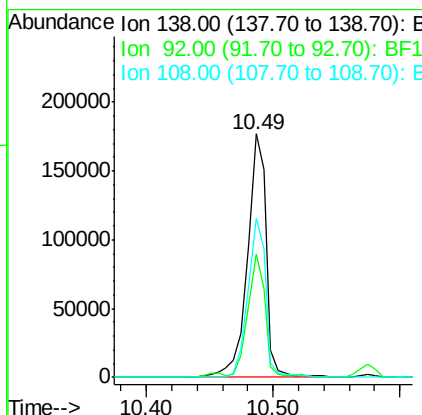
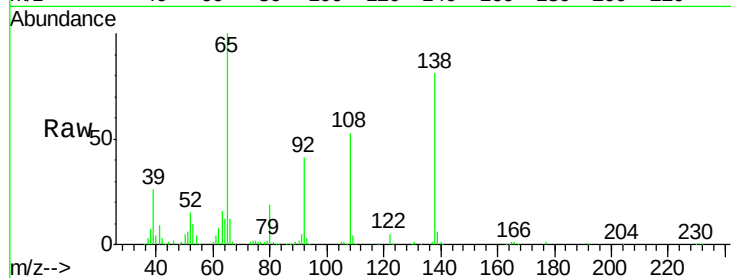




#61
4-Nitroaniline
Concen: 39.940 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

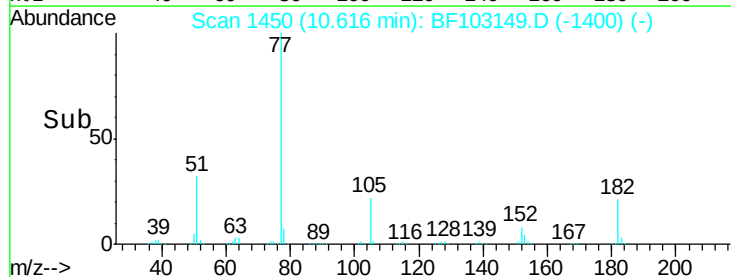
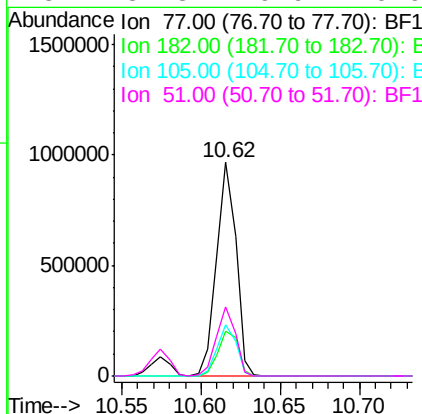
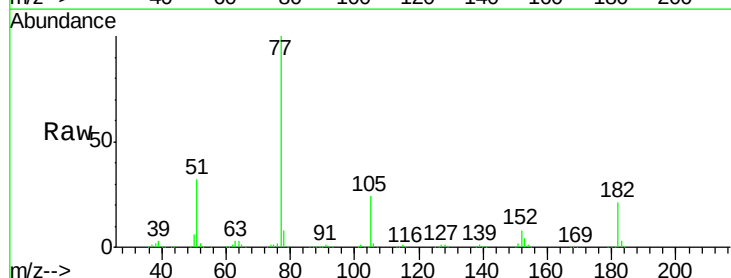
Instrument :
BNA_F
ClientSampleId :
PB106711BS

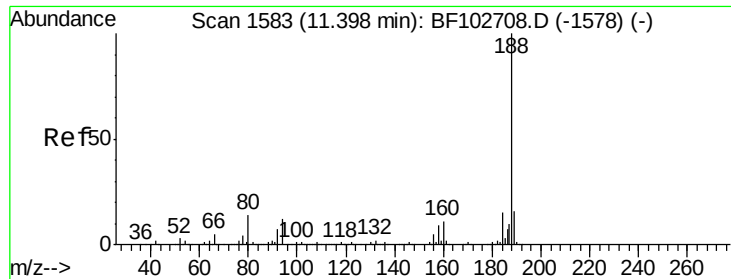
Tot Ion:138 Resp: 182783
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 65.3 52.5 92.5



#62
Azobenzene
Concen: 40.876 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion: 77 Resp: 828128
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 23.8 3.0 43.0
51 32.3 9.9 49.9

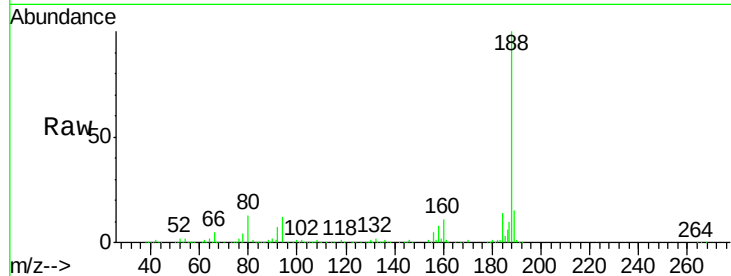




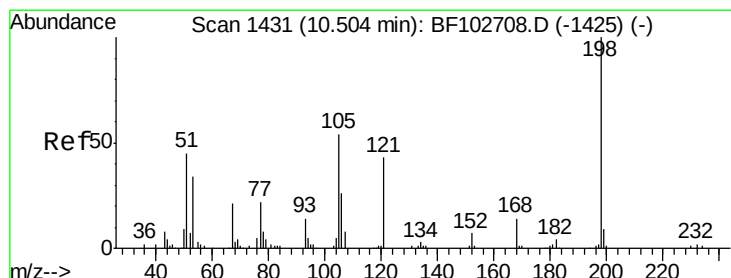
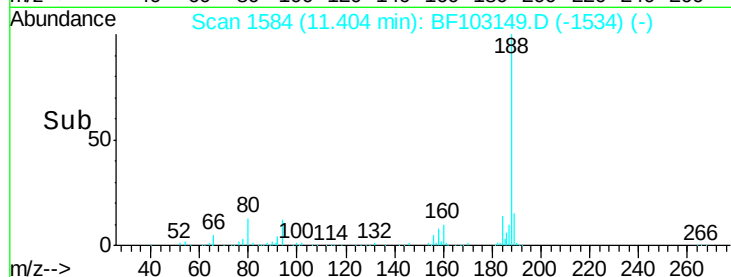
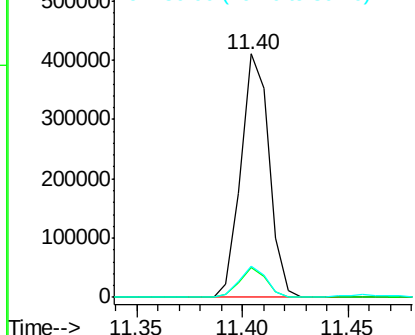
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
PB106711BS

Tot Ion:188 Resp: 381459
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.0 9.2 13.8

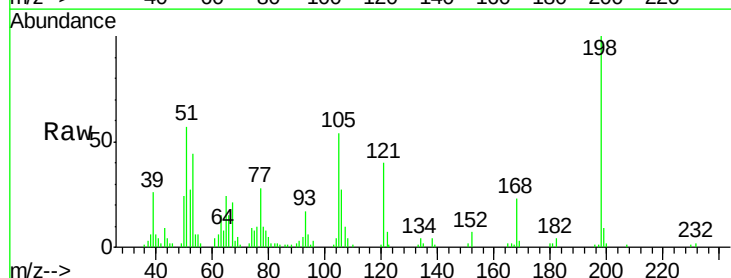


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

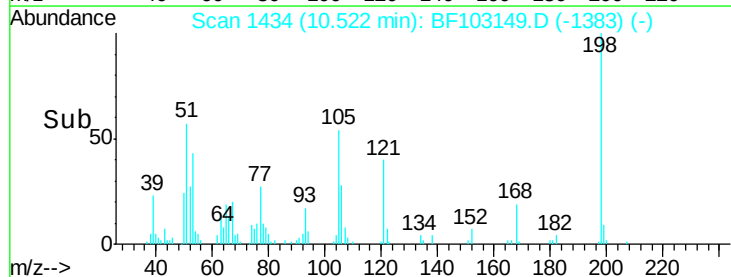
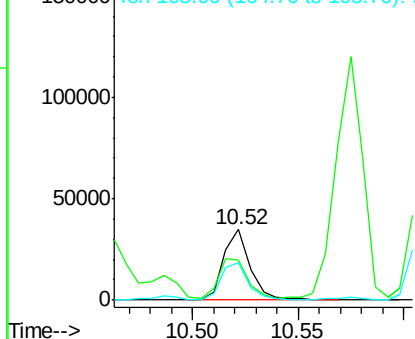


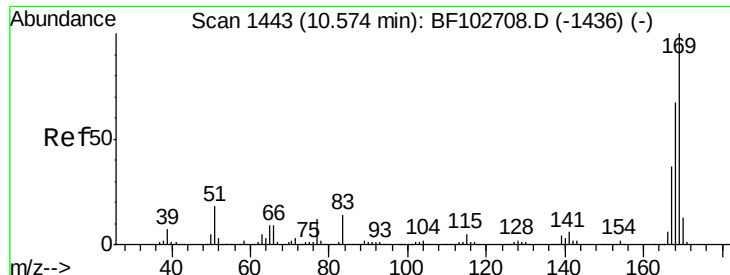
#64
4,6-Dinitro-2-methylphenol
Concen: 25.507 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:198 Resp: 30265
Ion Ratio Lower Upper
198 100
51 57.2 37.7 77.7
105 53.6 36.3 76.3



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

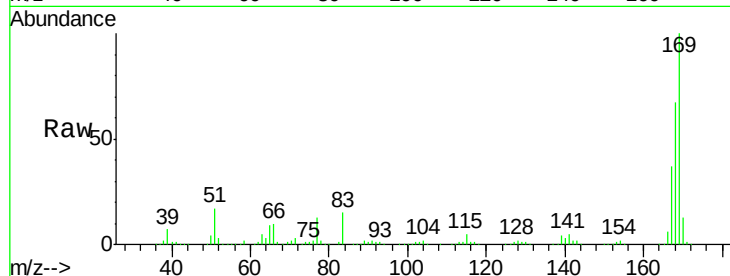




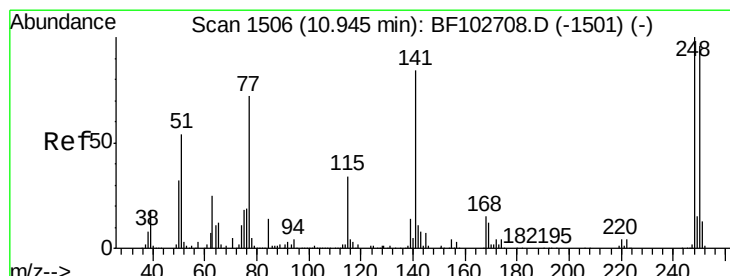
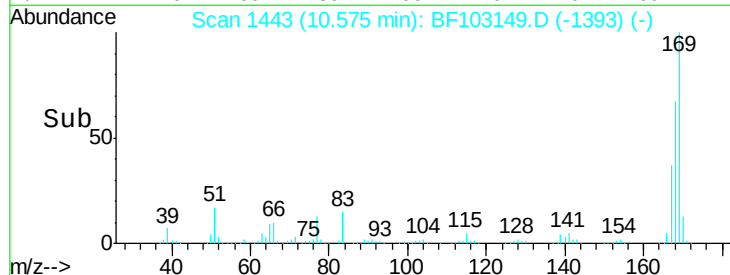
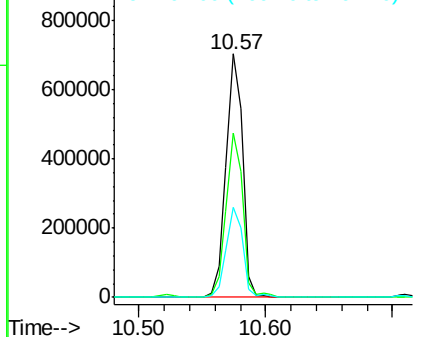
#65
 n-Nitrosodiphenylamine
 Concen: 47.179 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Tot Ion:169 Resp: 634807
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 37.1 29.8 44.6

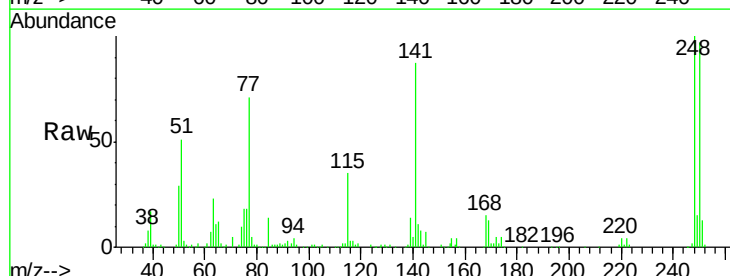


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

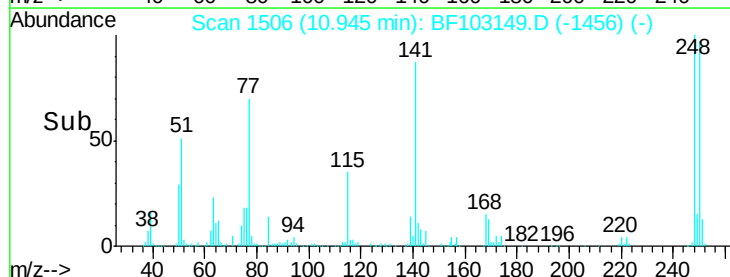
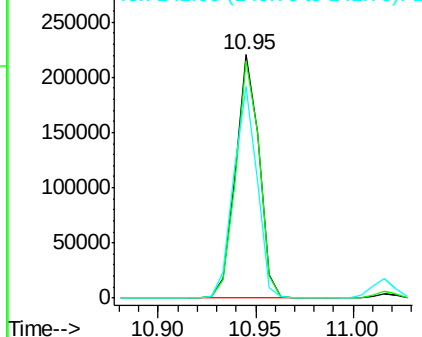


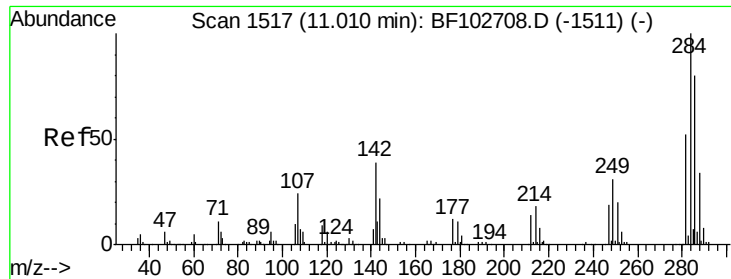
#66
 4-Bromophenyl-phenylether
 Concen: 45.612 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:248 Resp: 184049
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 87.2 74.4 111.6



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

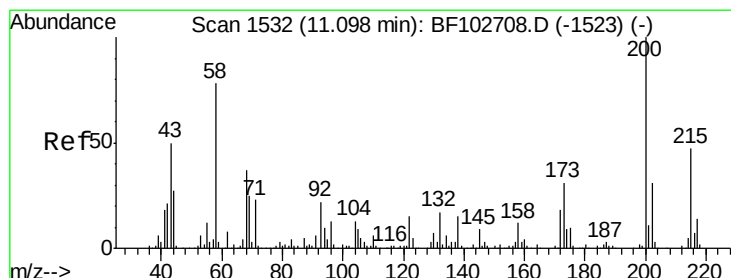
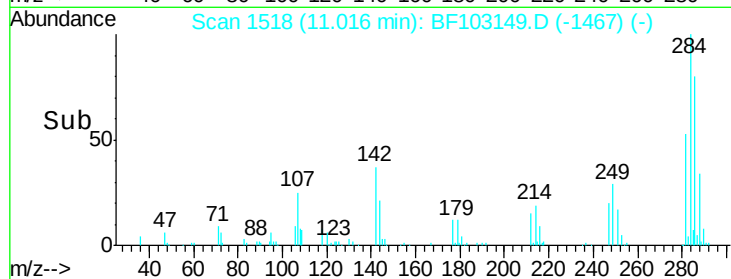
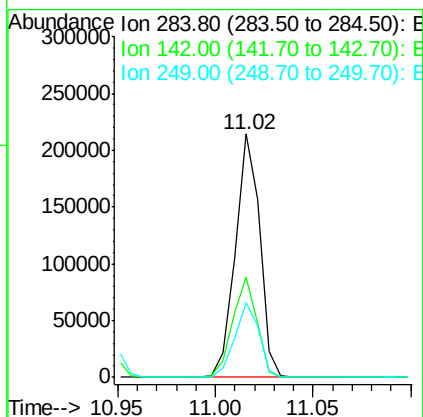
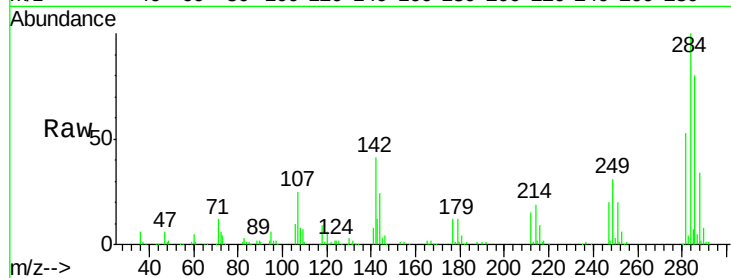




#67
Hexachlorobenzene
Concen: 41.726 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

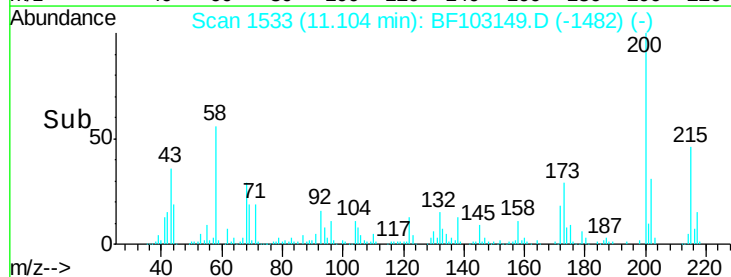
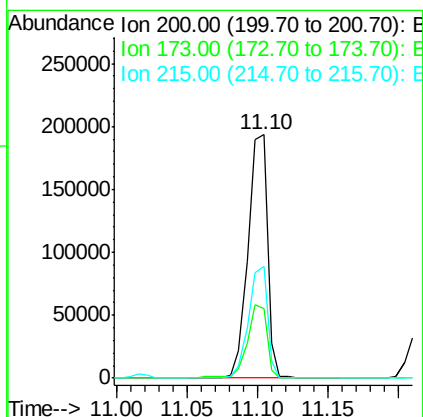
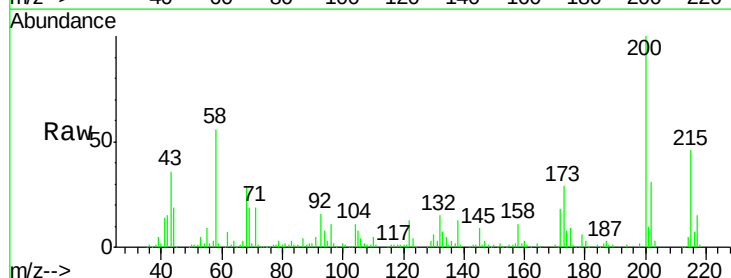
Instrument :
BNA_F
ClientSampleId :
PB106711BS

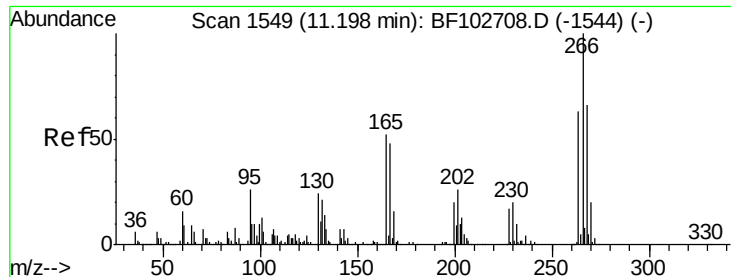
Tot Ion:284 Resp: 185743
Ion Ratio Lower Upper
284 100
142 41.3 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 47.426 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:200 Resp: 188254
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 45.8 25.1 65.1





#69

Pentachlorophenol

Concen: 64.262 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

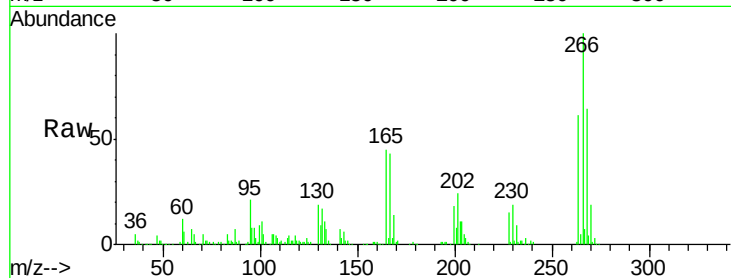
Tot Ion:266 Resp: 167924

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

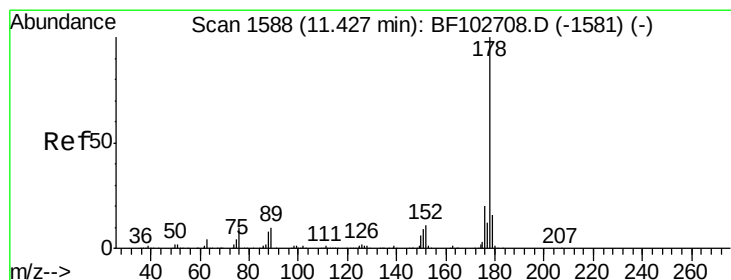
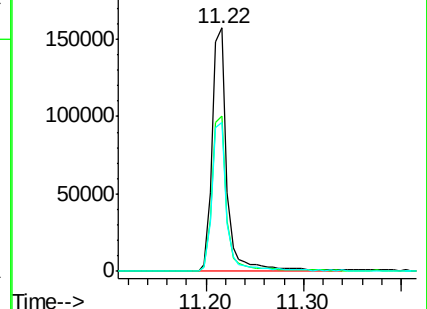
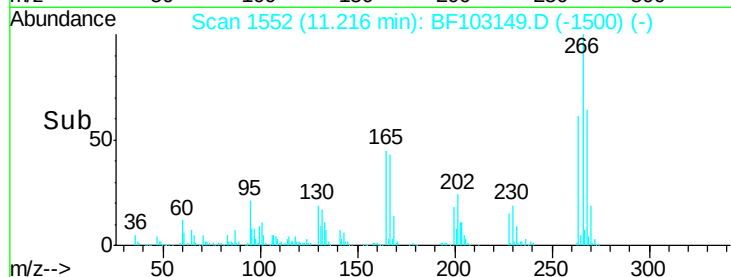
264 61.1 49.5 74.3



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



#70

Phenanthrene

Concen: 41.015 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

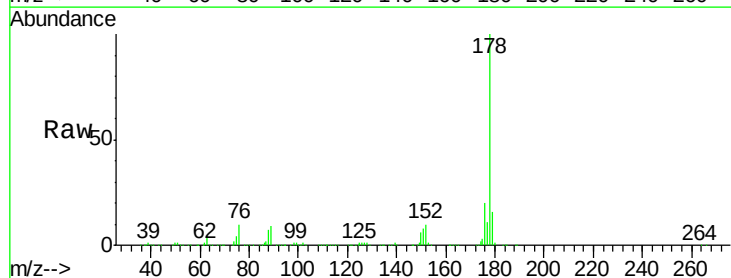
Tgt Ion:178 Resp: 871363

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

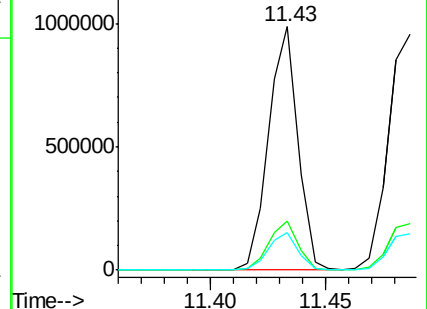
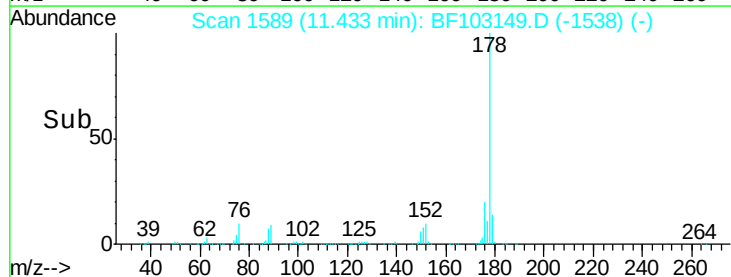
179 15.7 13.0 19.6

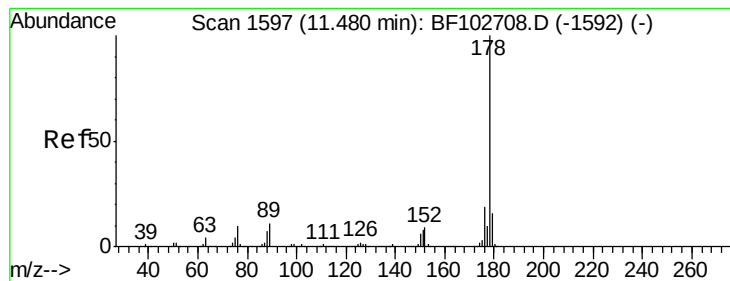


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.303 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

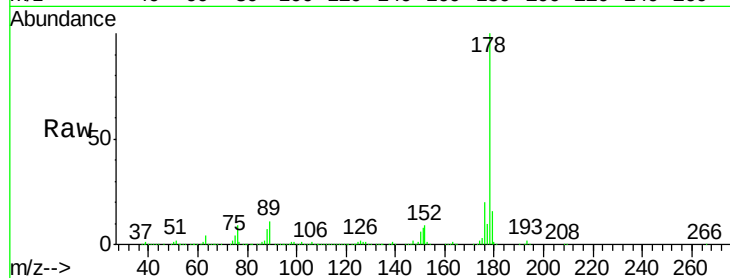
Tot Ion:178 Resp: 892479

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

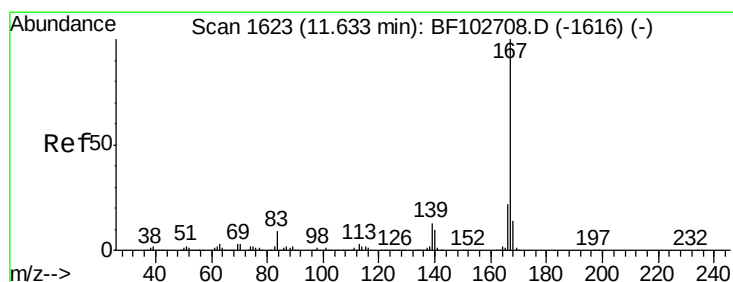
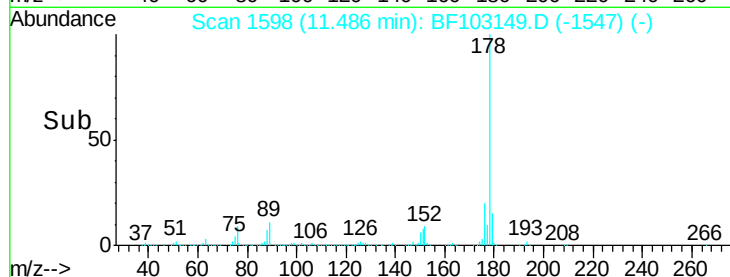
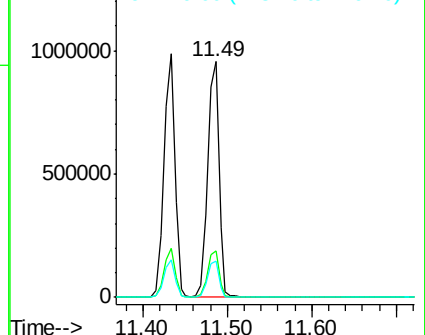
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.867 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

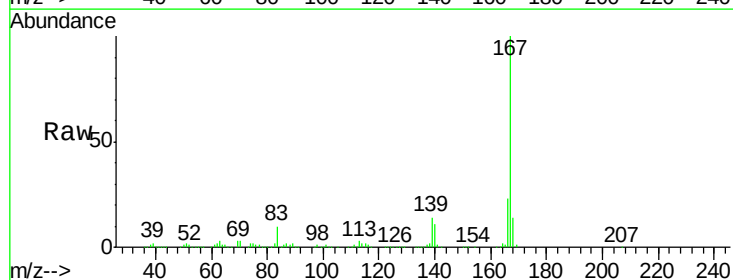
Tgt Ion:167 Resp: 843950

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

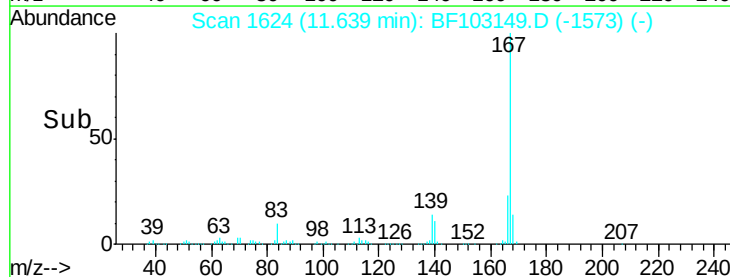
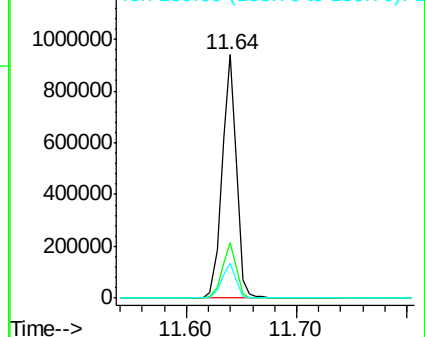
139 14.3 10.9 16.3

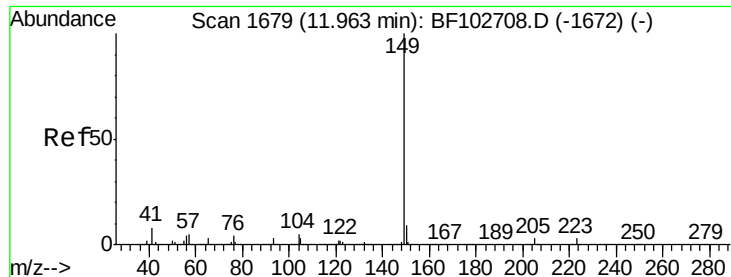


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

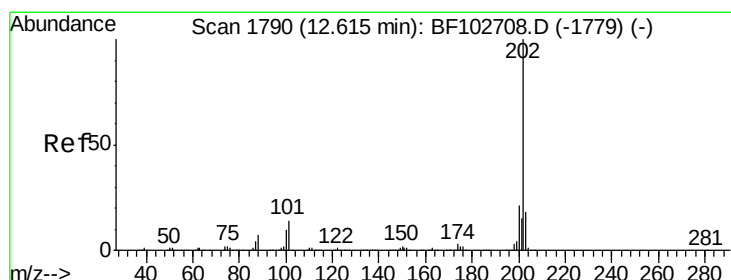
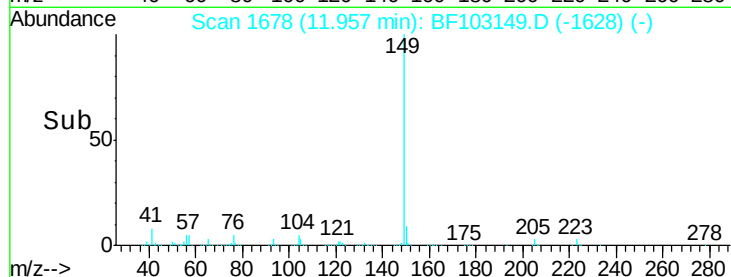
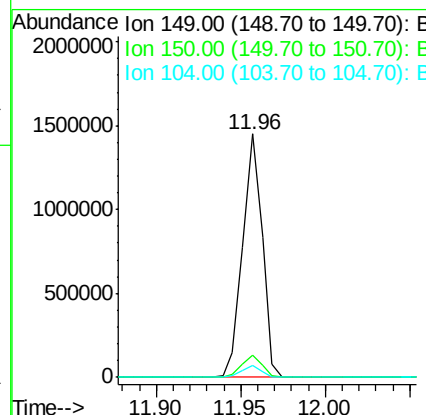
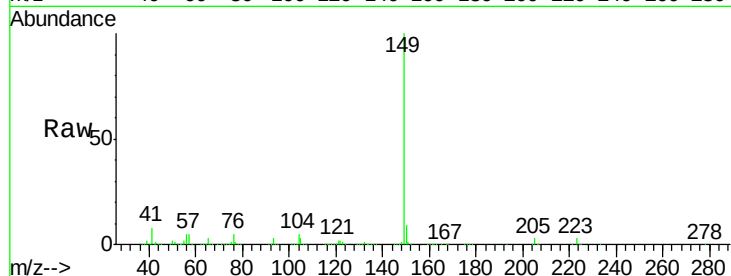




#73
Di-n-butylphthalate
Concen: 45.435 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

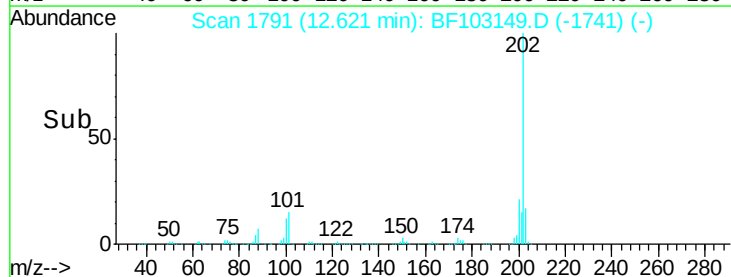
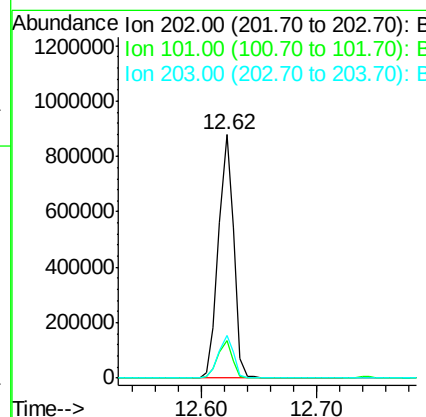
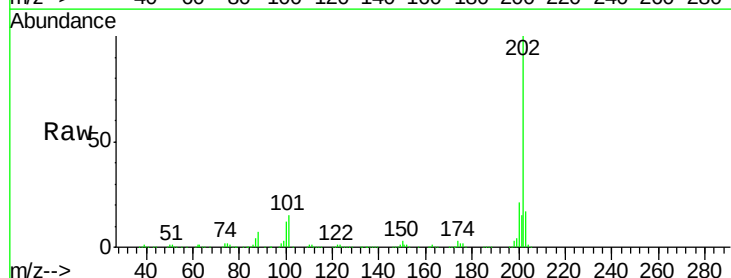
Instrument :
BNA_F
ClientSampleId :
PB106711BS

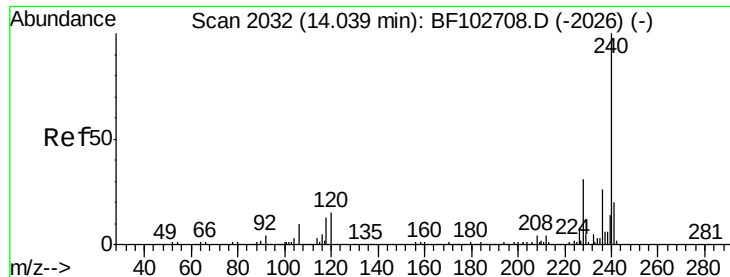
Tot Ion:149 Resp: 1168343
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 37.500 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:202 Resp: 801560
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.1
203 17.5 0.0 38.1

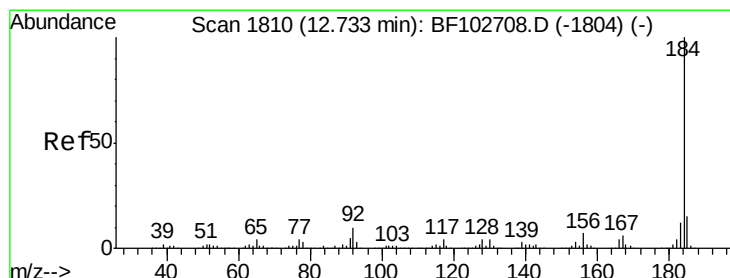
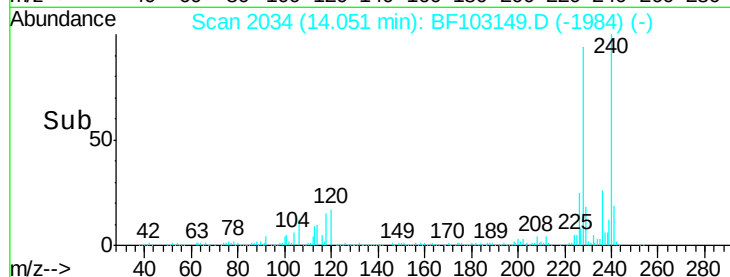
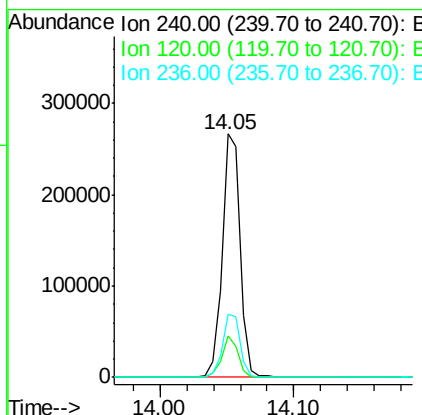
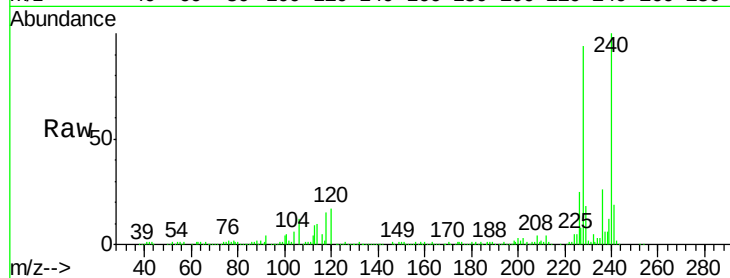




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

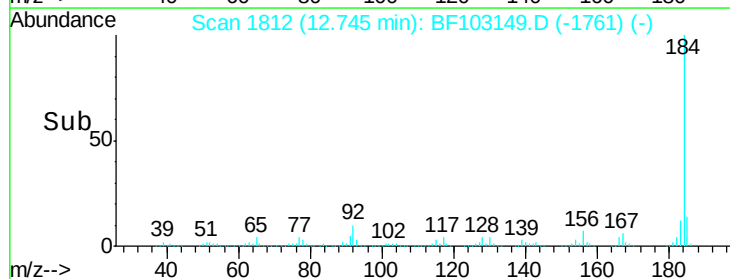
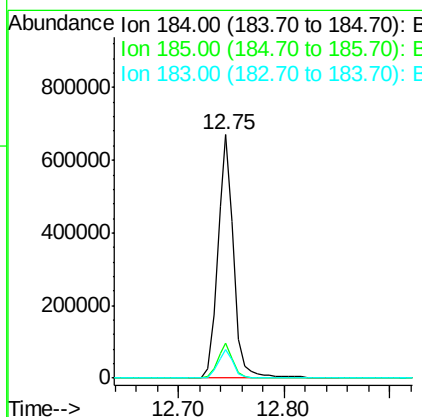
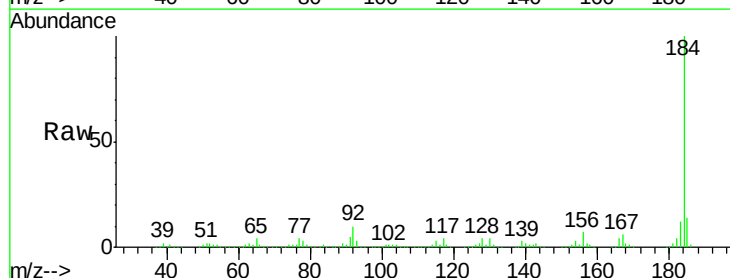
Instrument :
BNA_F
ClientSampleId :
PB106711BS

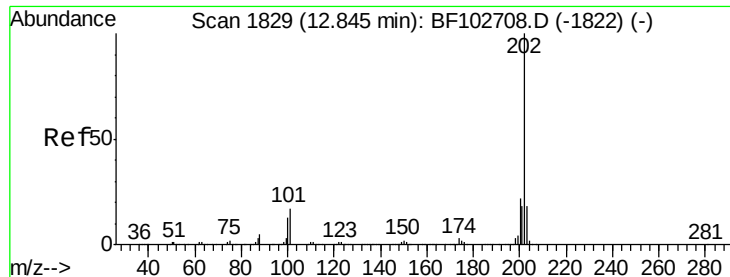
Tot Ion:240 Resp: 252509
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 26.0 20.7 31.1



#76
Benzidine
Concen: 60.706 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:184 Resp: 704512
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.9 9.3 13.9

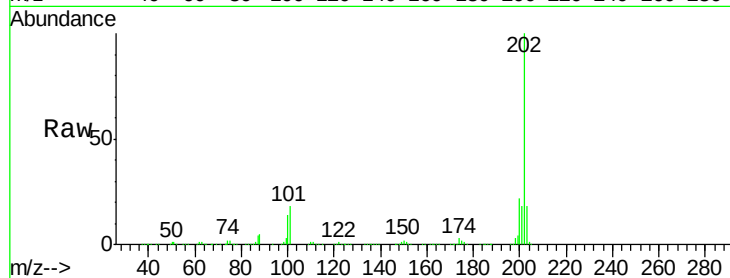




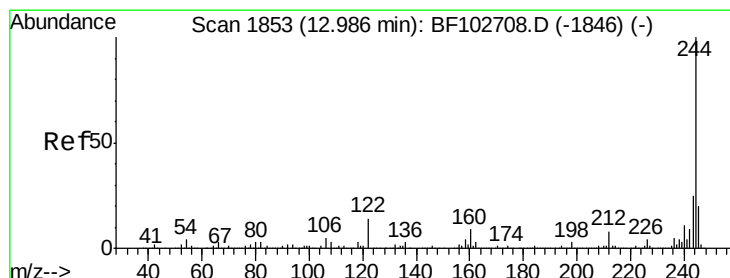
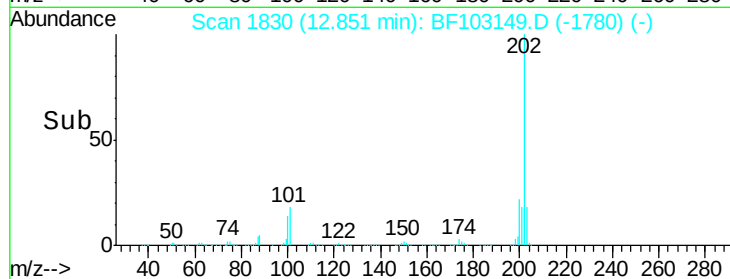
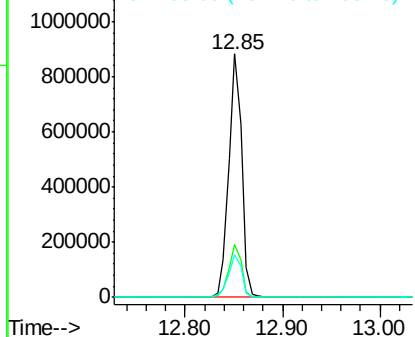
#77
Pvrene
Concen: 41.149 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Instrument :
BNA_F
ClientSampleId :
PB106711BS

Tot Ion:202 Resp: 814780
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.3 21.5

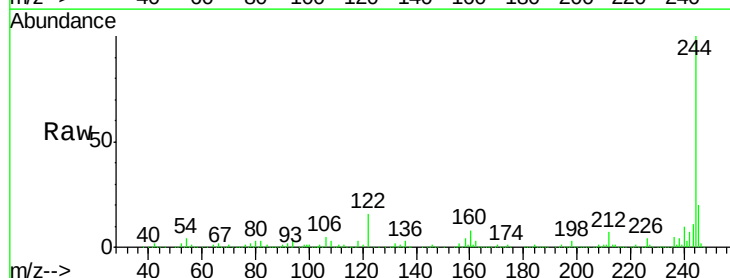


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

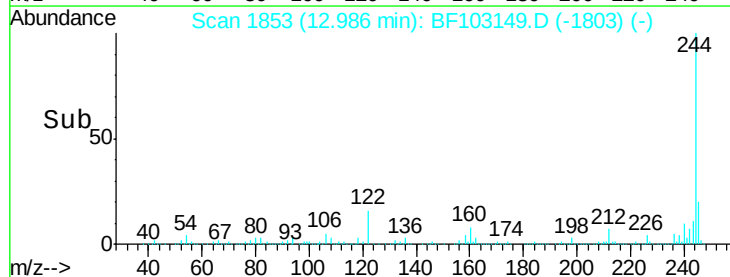
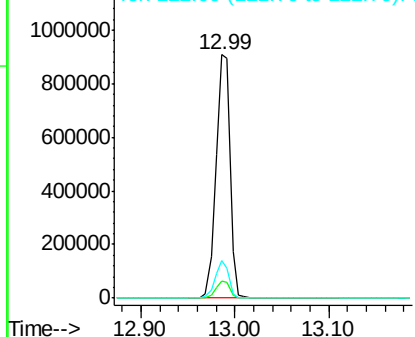


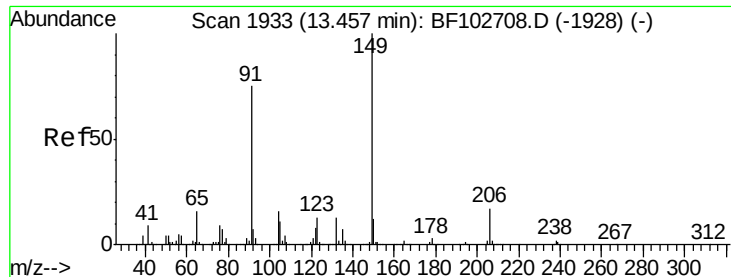
#78
Terphenyl-d14
Concen: 89.899 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:244 Resp: 958721
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 15.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

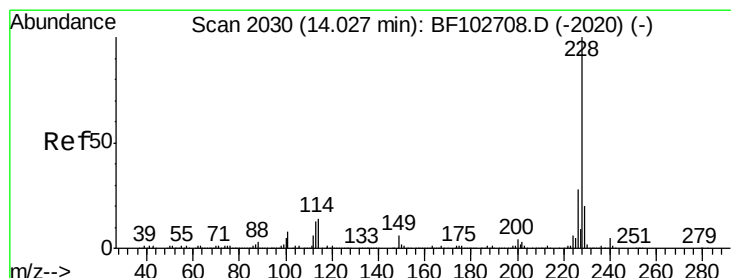
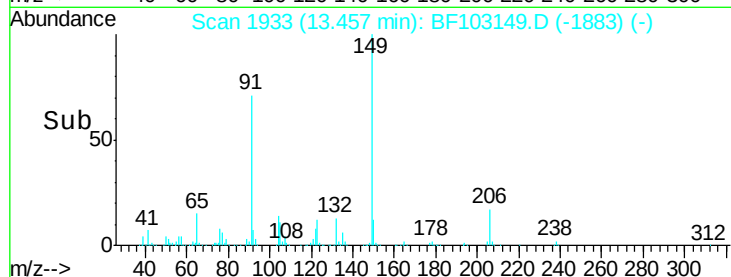
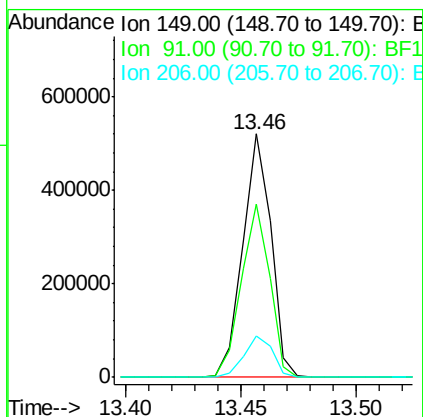
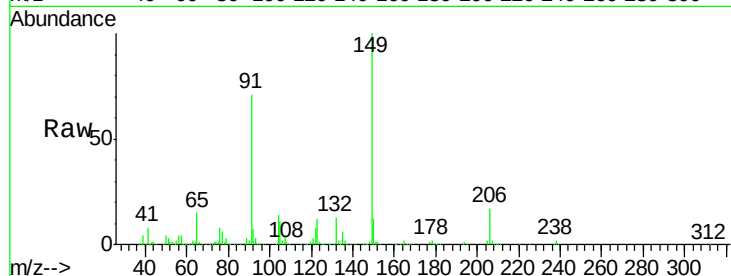




#79
Butylbenzylphthalate
Concen: 47.134 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

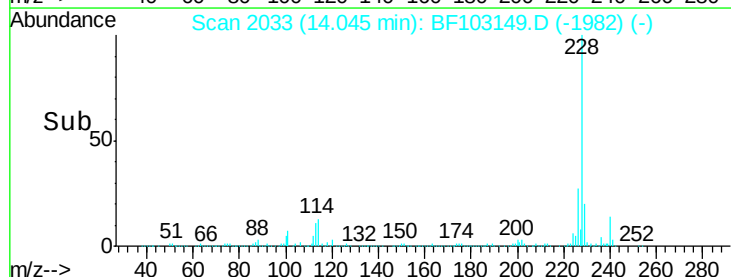
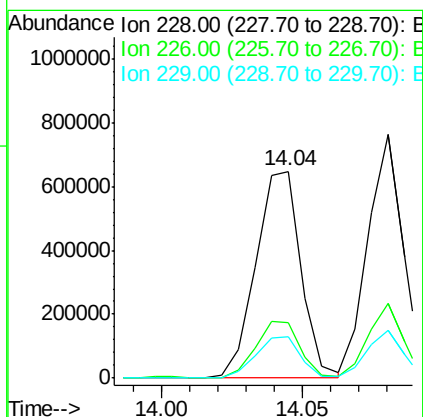
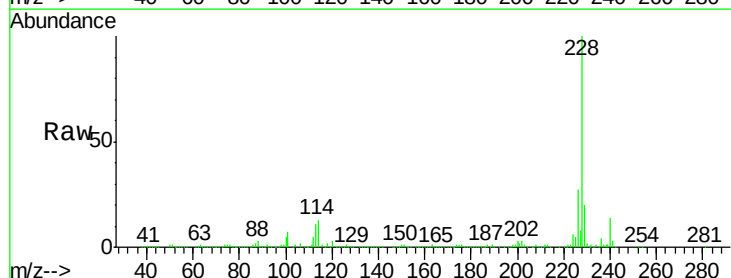
Instrument :
BNA_F
ClientSampleId :
PB106711BS

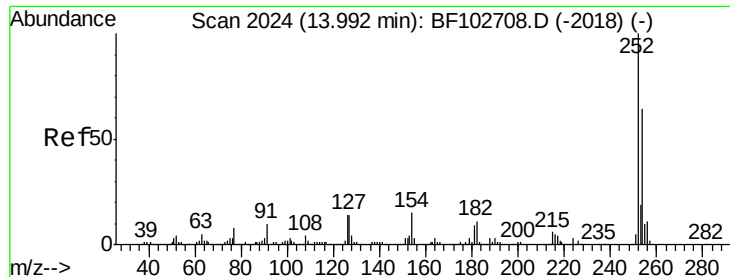
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	17.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.222 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.7	15.8	23.6

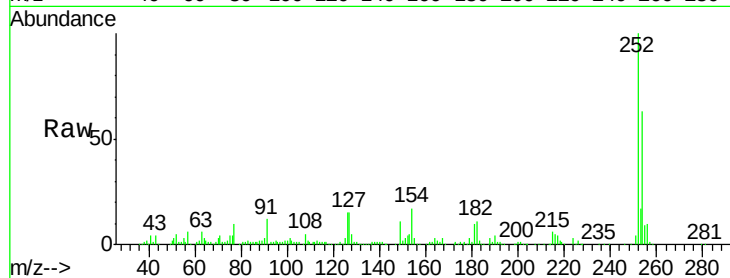




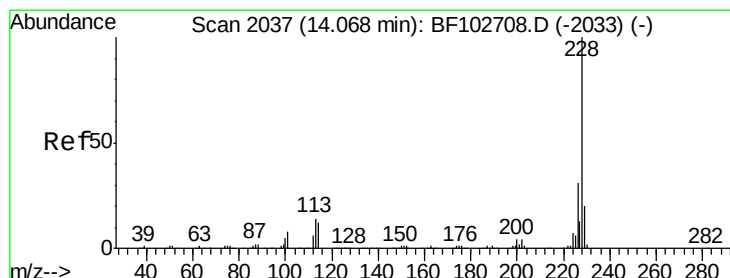
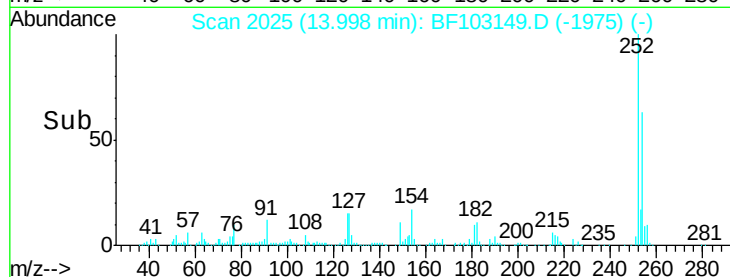
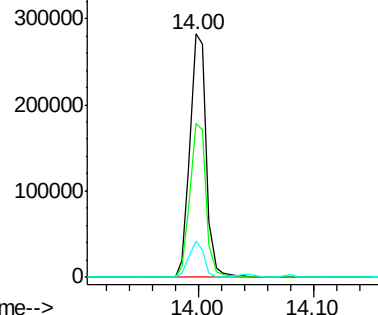
#81
 3,3'-Dichlorobenzidine
 Concen: 47.198 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Tot Ion:252 Resp: 277909
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 15.1 11.3 16.9

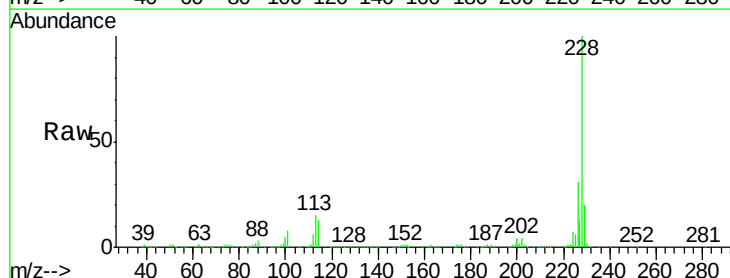


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

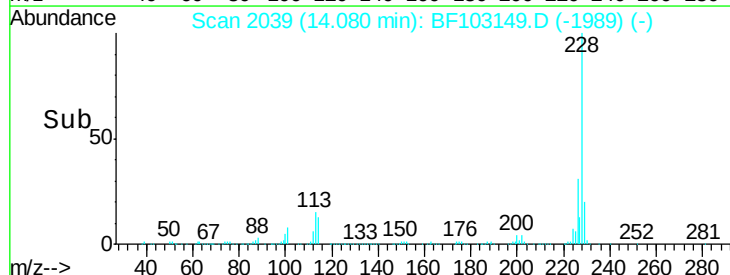
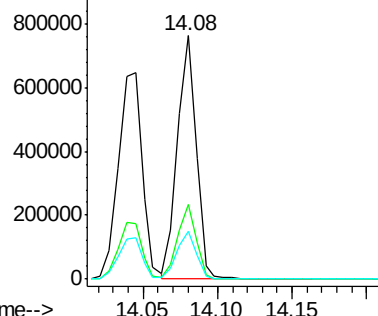


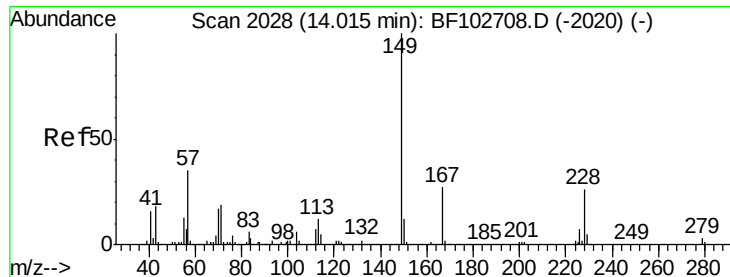
#82
 Chrysene
 Concen: 41.560 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion:228 Resp: 665307
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.644 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

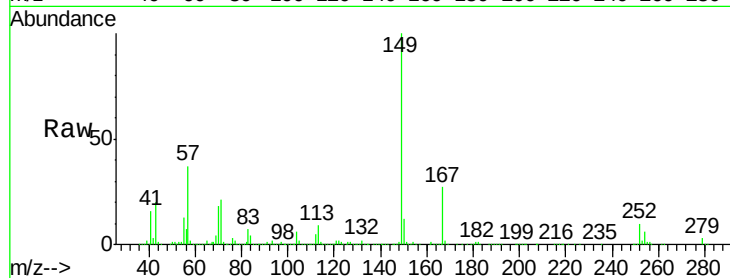
Tot Ion:149 Resp: 602165

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

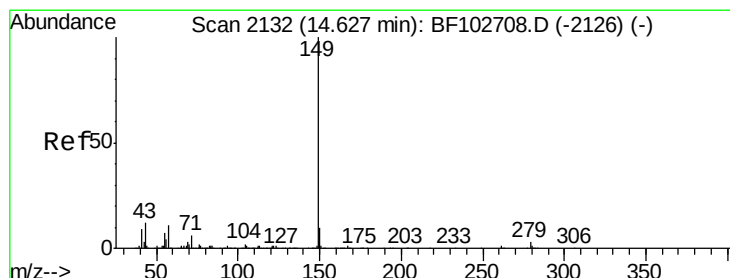
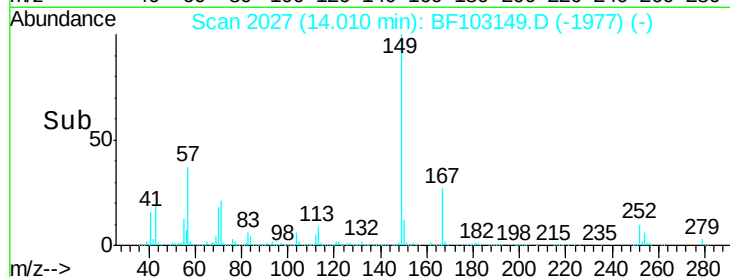
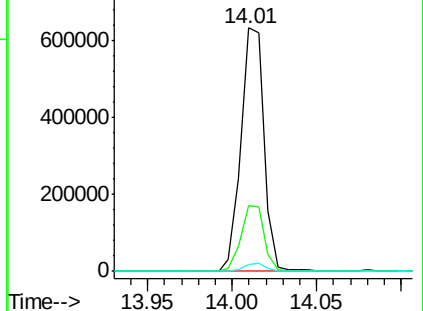
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.221 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

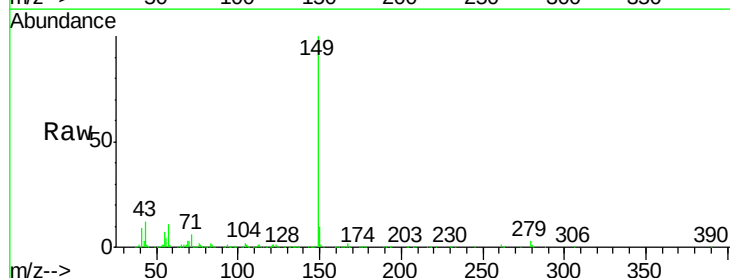
Tgt Ion:149 Resp: 1042165

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

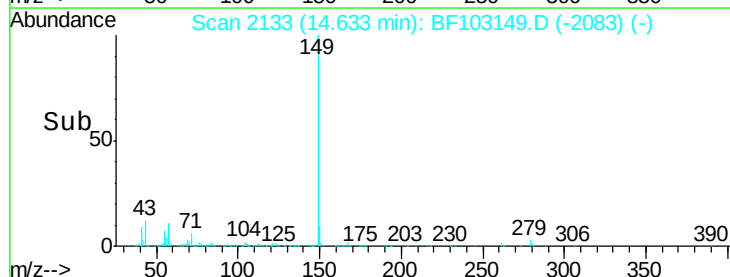
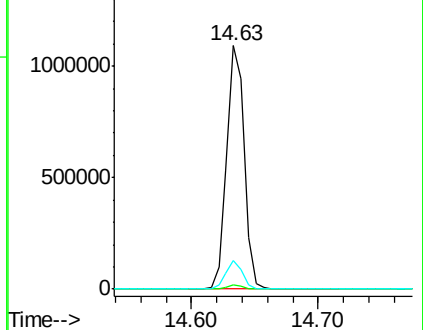
43 11.0 8.4 12.6

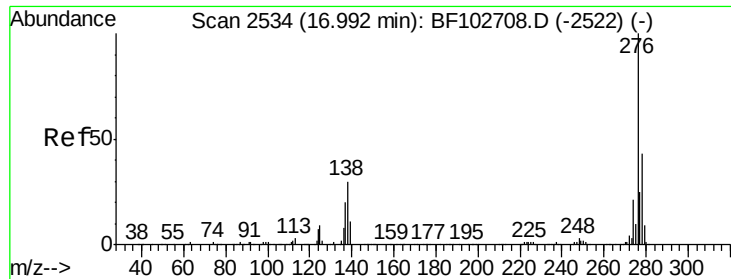


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

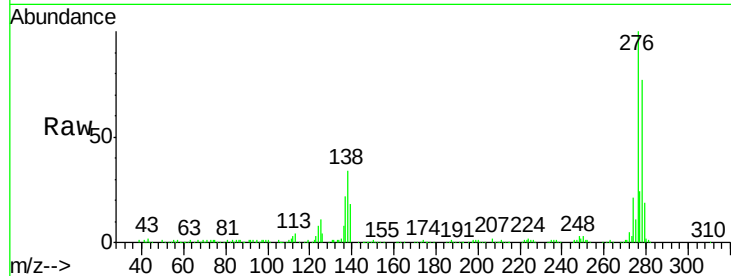




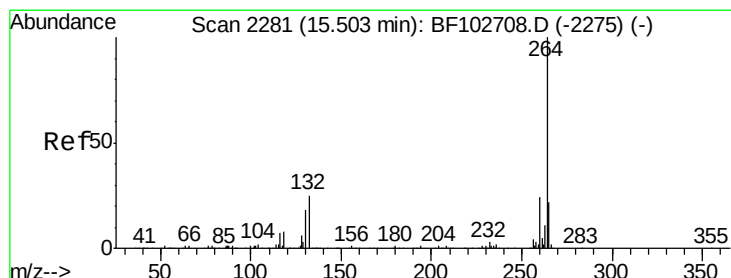
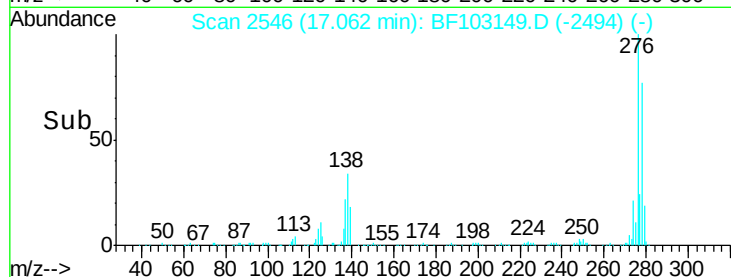
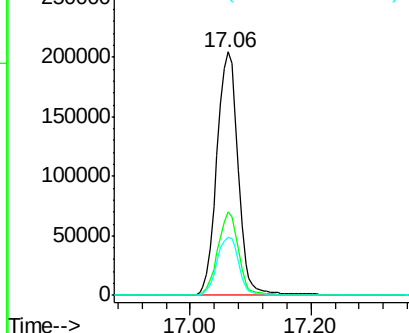
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.756 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	24.6	20.1	30.1

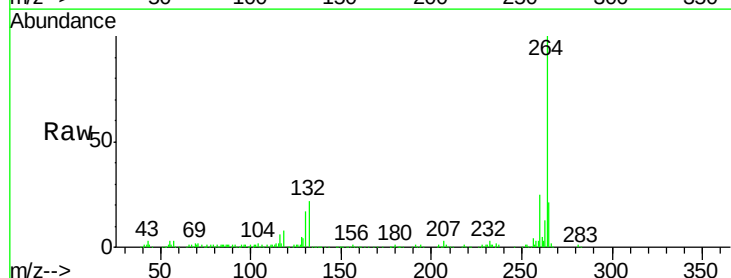


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

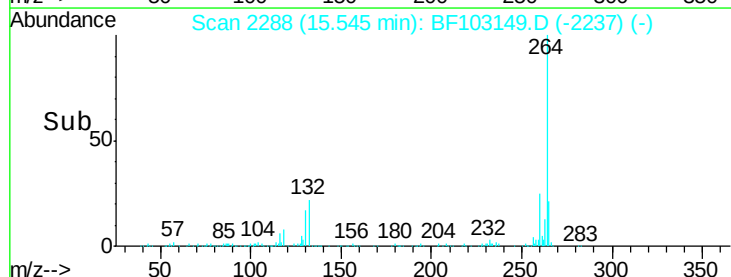
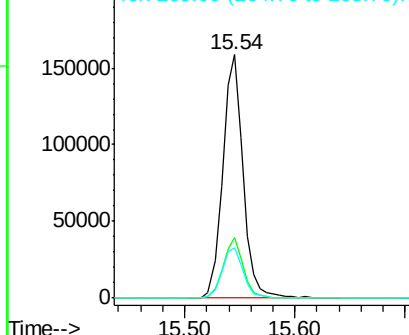


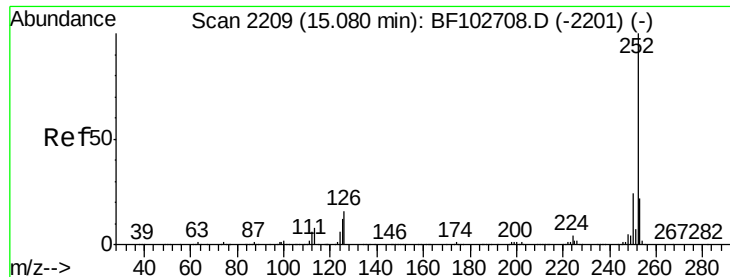
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF103149.D
 Acq: 21 Feb 2018 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.9	17.5	26.3



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

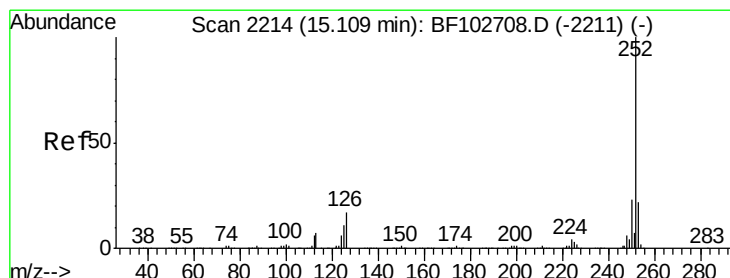
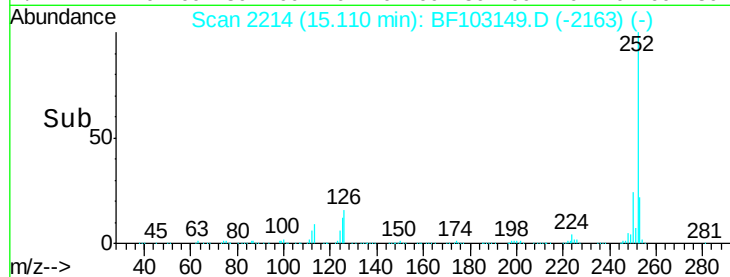
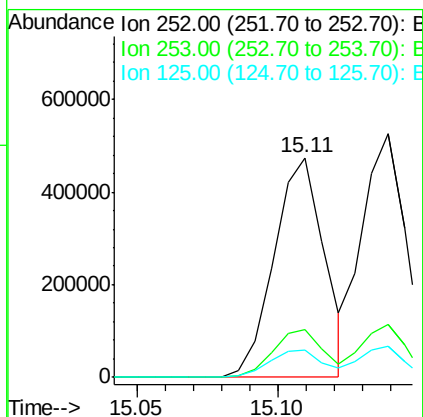
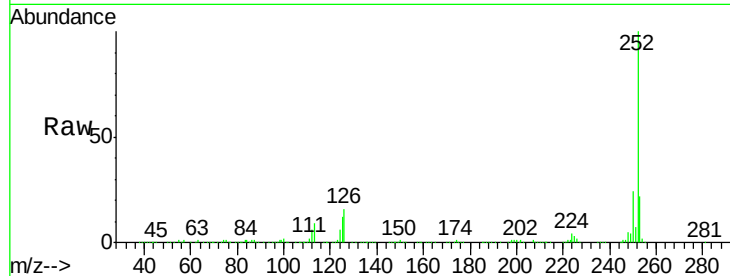




#87
Benzo(b)fluoranthene
Concen: 44.192 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

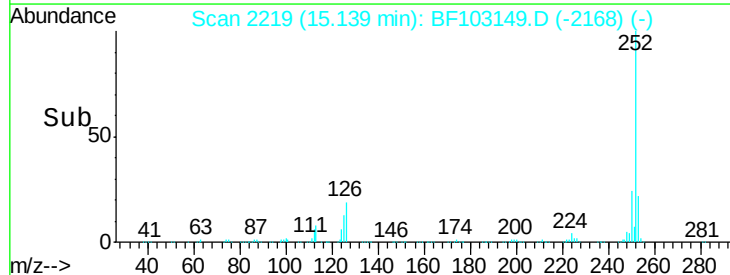
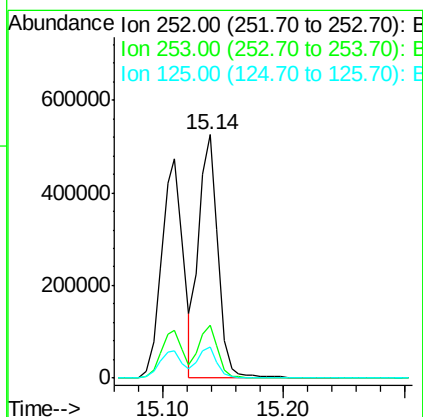
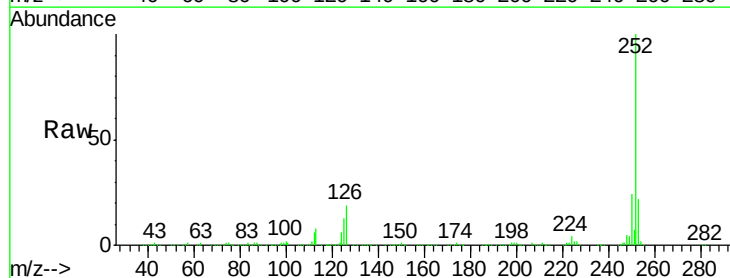
Instrument :
BNA_F
ClientSampleId :
PB106711BS

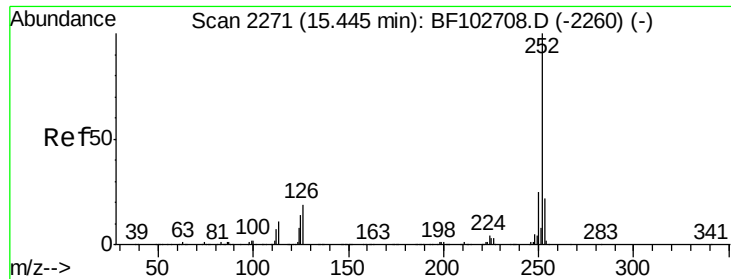
Tot Ion:252 Resp: 586554
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.699 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:252 Resp: 579555
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.7 10.2 15.2

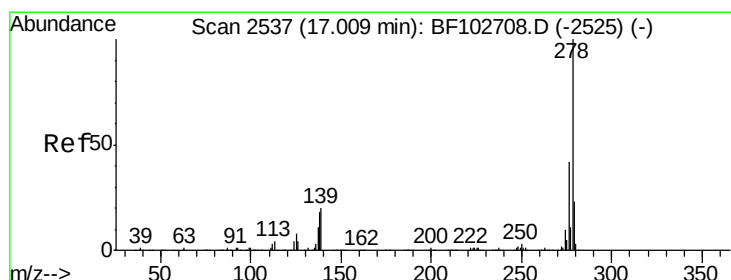
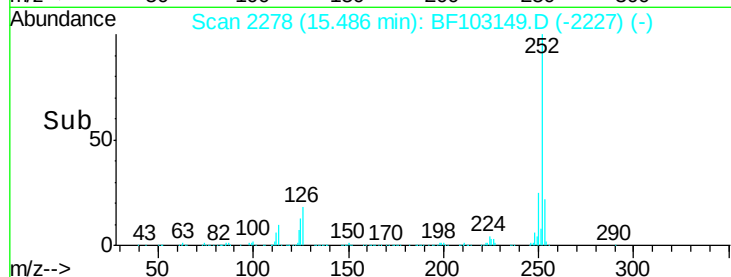
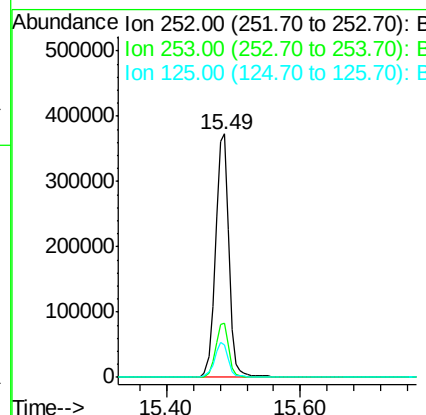
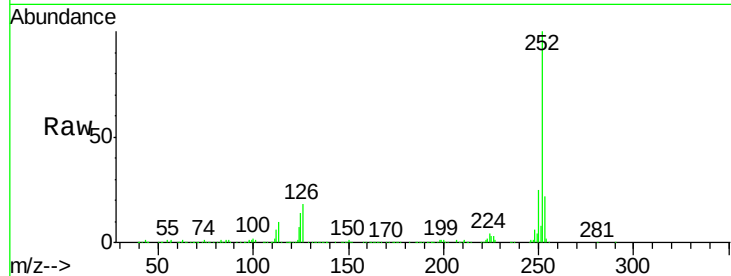




#89
Benzo(a)pyrene
Concen: 44.216 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

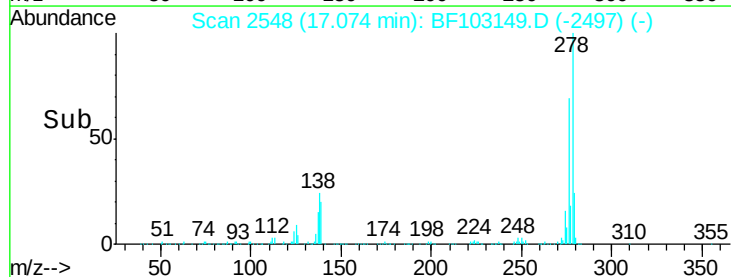
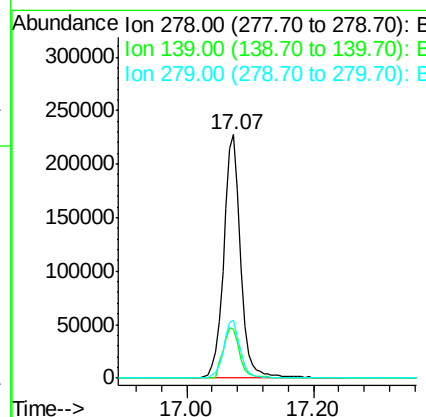
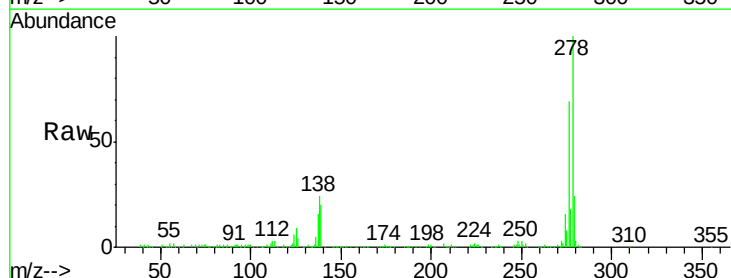
Instrument :
BNA_F
ClientSampleId :
PB106711BS

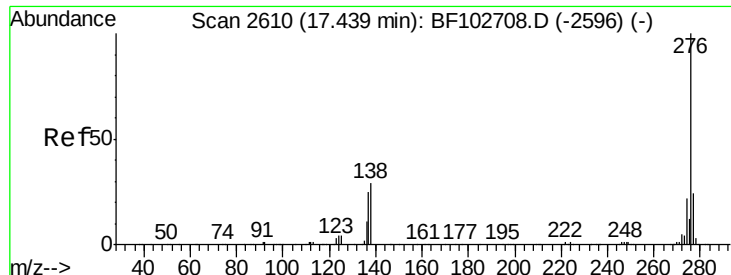
Tot Ion:252 Resp: 528260
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.650 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BF103149.D
Acq: 21 Feb 2018 20:59

Tgt Ion:278 Resp: 423284
Ion Ratio Lower Upper
278 100
139 20.0 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.653 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.00 min

Lab File: BF103149.D

Acq: 21 Feb 2018 20:59

Instrument :

BNA_F

ClientSampleId :

PB106711BS

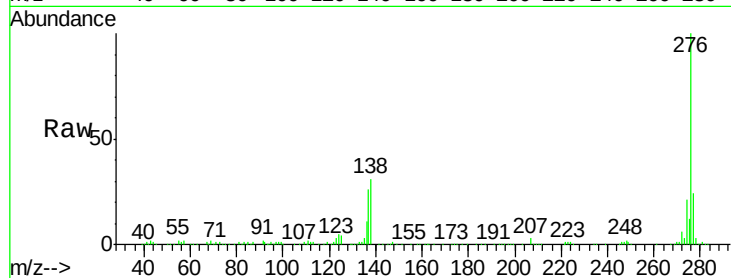
Tot Ion:276 Resp: 414332

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 31.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

