

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104997.D
 Acq On : 1 May 2018 21:13
 Operator : JU/SJ
 Sample : PB108628BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Quant Time: May 02 06:54:28 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109620	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	454231	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	205528	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	332535	20.00	ng	0.00
75) Chrysene-d12	14.01	240	209159	20.00	ng	0.04
86) Perylene-d12	15.55	264	193915	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	729430	101.75	ng	0.01
7) Phenol-d6	6.44	99	889388	100.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	546625	78.58	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	213659	100.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1039088	79.87	ng	0.00
78) Terphenyl-d14	12.91	244	785518	85.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	92454	27.677	ng	# 86
3) Pyridine	3.30	79	264993	28.215	ng	# 85
4) n-Nitrosodimethylamine	3.27	42	102020	31.074	ng	80
6) Aniline	6.46	93	241718	19.752	ng	92
8) 2-Chlorophenol	6.58	128	279914	36.992	ng	91
9) Benzaldehyde	6.34	77	107616	20.413	ng	97
10) Phenol	6.45	94	330132	35.323	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	256120	34.340	ng	94
12) 1,3-Dichlorobenzene	6.73	146	288944	33.707	ng	100
13) 1,4-Dichlorobenzene	6.80	146	294725	34.490	ng	99
14) 1,2-Dichlorobenzene	6.96	146	276184	34.877	ng	98
15) Benzyl Alcohol	6.94	79	214141	32.008	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	287664	28.720	ng	55
17) 2-Methylphenol	7.05	107	223289	33.948	ng	94
18) Hexachloroethane	7.30	117	98627	32.372	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	173851	30.203	ng	90
20) 3+4-Methylphenols	7.21	107	283878	34.799	ng	# 84
22) Acetophenone	7.20	105	366158	32.743	ng	# 99
24) Nitrobenzene	7.38	77	271137	35.303	ng	93
25) Isophorone	7.62	82	495756	33.702	ng	99
26) 2-Nitrophenol	7.69	139	143819	45.998	ng	95
27) 2,4-Dimethylphenol	7.73	122	239419	36.879	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	323609	35.981	ng	98
29) 2,4-Dichlorophenol	7.94	162	228741	36.928	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	240036	35.310	ng	99
31) Naphthalene	8.10	128	788394	34.856	ng	100
32) Benzoic acid	7.87	122	116260	22.444	ng	96
33) 4-Chloroaniline	8.15	127	139424	14.388	ng	96
34) Hexachlorobutadiene	8.20	225	131377	35.283	ng	99
35) Caprolactam	8.53	113	71931	33.288	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	239914	36.121	ng	98
37) 2-Methylnaphthalene	8.79	142	518239	35.422	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	224184	38.105	ng	98
40) Hexachlorocyclopentadiene	8.93	237	38679	11.743	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104997.D
 Acq On : 1 May 2018 21:13
 Operator : JU/SJ
 Sample : PB108628BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Quant Time: May 02 06:54:28 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	151784	37.164	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	158987	34.787	ng	93
45) 1,1'-Biphenyl	9.26	154	620896	35.961	ng	98
46) 2-Chloronaphthalene	9.28	162	482062	35.348	ng	100
47) 2-Nitroaniline	9.39	65	141293	41.894	ng	92
48) Acenaphthylene	9.70	152	710216	33.192	ng	100
49) Dimethylphthalate	9.56	163	587411	36.243	ng	100
50) 2,6-Dinitrotoluene	9.63	165	123421	41.154	ng #	87
51) Acenaphthene	9.87	154	414767	31.770	ng	99
52) 3-Nitroaniline	9.80	138	90494	25.775	ng	96
53) 2,4-Dinitrophenol	9.92	184	15349	21.711	ng #	22
54) Dibenzofuran	10.04	168	613417	33.716	ng	96
55) 4-Nitrophenol	9.97	139	152897	55.438	ng	93
56) 2,4-Dinitrotoluene	10.03	165	147518	37.500	ng	97
57) Fluorene	10.39	166	491597	37.122	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	116925	34.292	ng	92
59) Diethylphthalate	10.26	149	552085	34.203	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	233845	39.651	ng	95
61) 4-Nitroaniline	10.42	138	118696	34.576	ng	92
62) Azobenzene	10.53	77	479800	31.113	ng	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	15828	15.624	ng	84
65) n-Nitrosodiphenylamine	10.50	169	440428	38.199	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	139590	39.464	ng	94
67) Hexachlorobenzene	10.93	284	149054	37.451	ng #	91
68) Atrazine	11.03	200	139504	40.085	ng	99
69) Pentachlorophenol	11.13	266	101324	41.151	ng	98
70) Phenanthrene	11.35	178	640327	34.577	ng	98
71) Anthracene	11.40	178	654951	34.793	ng	99
72) Carbazole	11.56	167	582705	31.678	ng	99
73) Di-n-butylphthalate	11.88	149	805074	35.829	ng	99
74) Fluoranthene	12.54	202	566615	29.285	ng	99
76) Benzidine	12.67	184	319842	47.484	ng	98
77) Pyrene	12.77	202	552743	35.653	ng	99
79) Butylbenzylphthalate	13.39	149	279484	38.265	ng	97
80) Benzo(a)anthracene	14.00	228	468114	37.463	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	168085	36.078	ng	96
82) Chrysene	14.04	228	444772	34.654	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	392817	41.813	ng	99
84) Di-n-octyl phthalate	14.65	149	612692	39.030	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.04	276	371458	34.070	ng	96
87) Benzo(b)fluoranthene	15.12	252	472438	38.575	ng	99
88) Benzo(k)fluoranthene	15.15	252	398411	34.457	ng	98
89) Benzo(a)pyrene	15.49	252	405233	36.980	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	319982	35.553	ng	97
91) Benzo(g,h,i)perylene	17.48	276	293549	33.666	ng	94

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

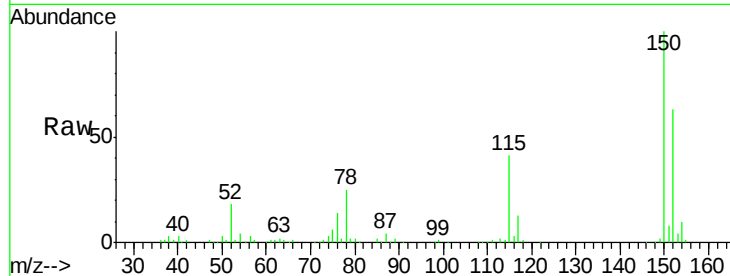


#1

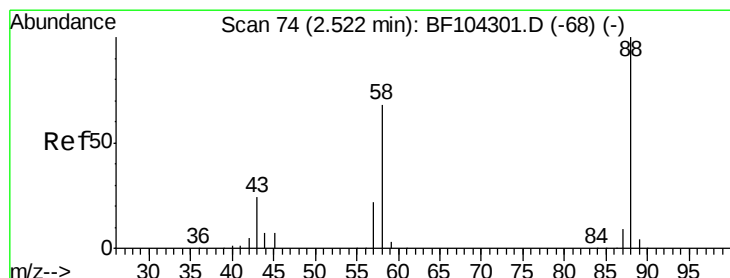
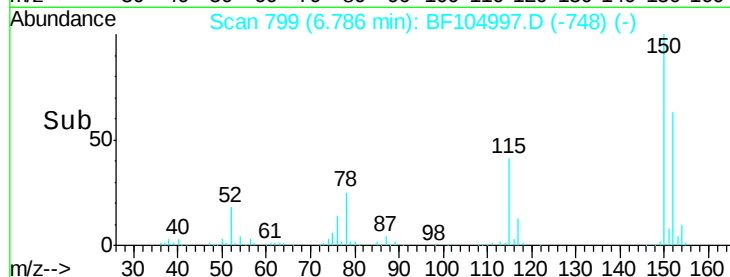
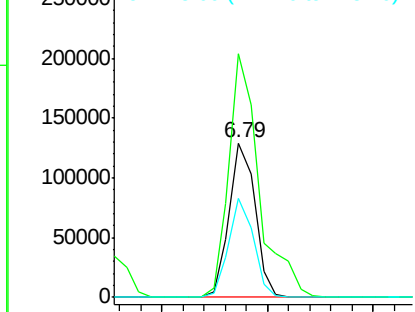
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:152 Resp: 109620
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 64.6 50.1 75.1



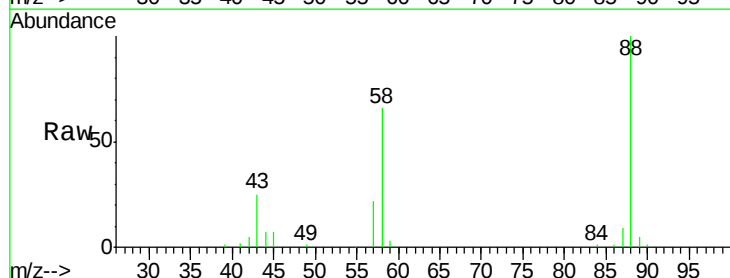
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



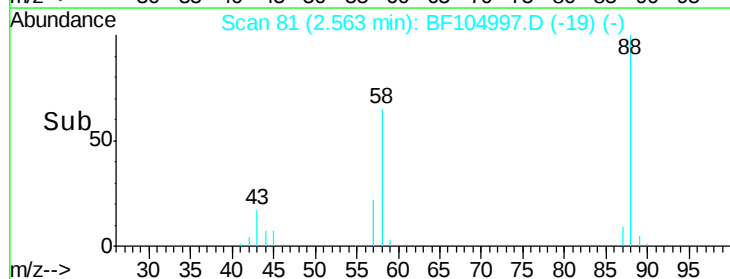
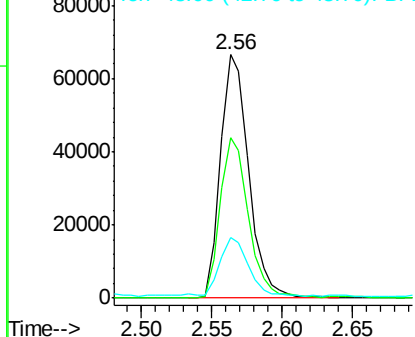
#2

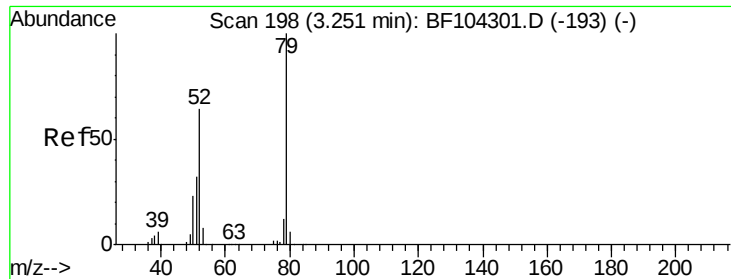
1,4-Dioxane
Concen: 27.677 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.06 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion: 88 Resp: 92454
Ion Ratio Lower Upper
88 100
58 66.0 62.6 93.8
43 24.0 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

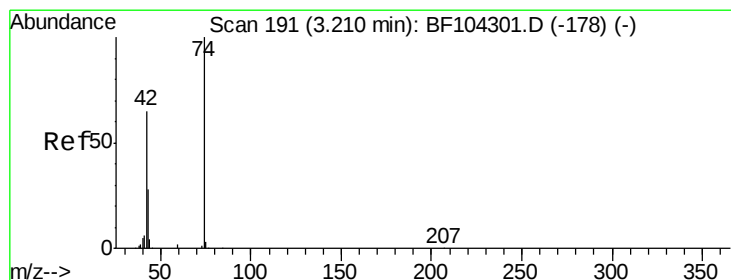
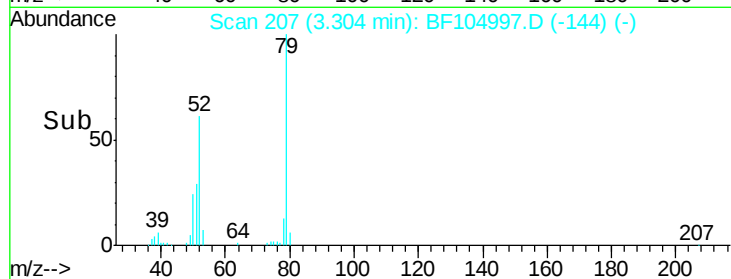
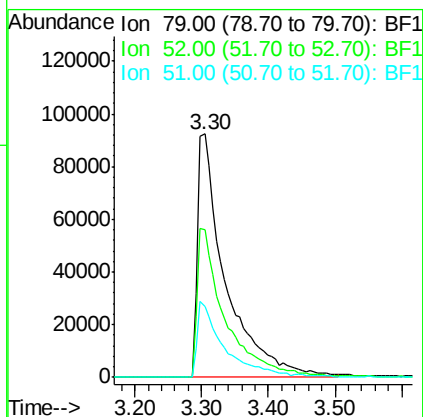
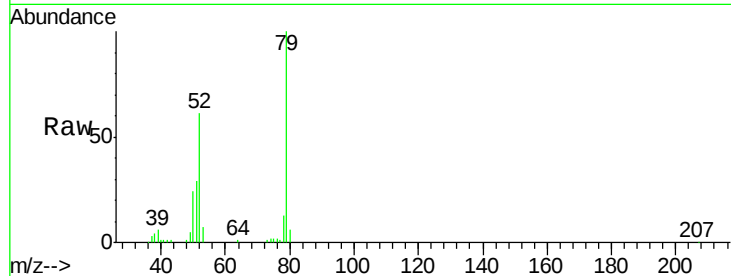




#3
 Pyridine
 Concen: 28.215 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.07 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

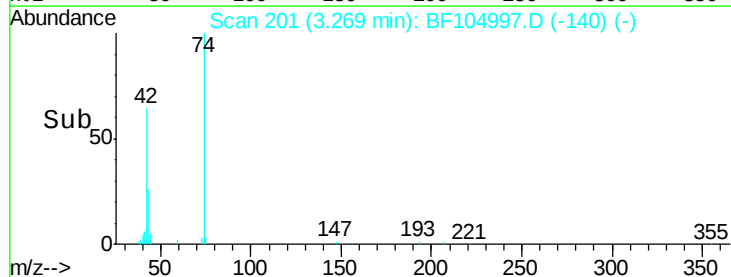
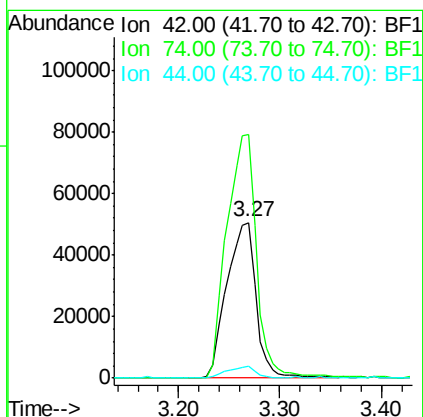
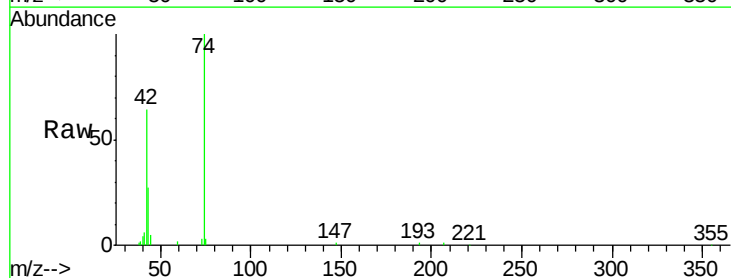
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion: 79 Resp: 264993
 Ion Ratio Lower Upper
 79 100
 52 60.9 59.8 89.6
 51 29.0 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 31.074 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 42 Resp: 102020
 Ion Ratio Lower Upper
 42 100
 74 156.2 104.9 157.3
 44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 101.746 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

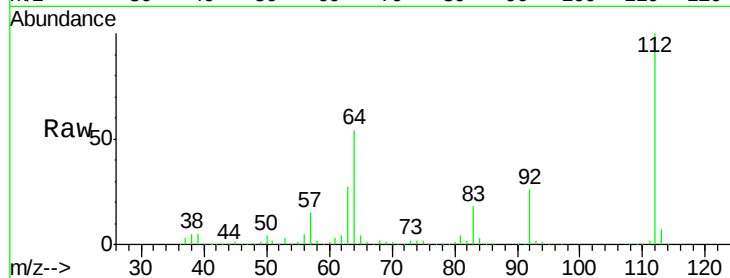
Tgt Ion: 112 Resp: 729430

Ion Ratio Lower Upper

112 100

64 53.7 47.9 71.9

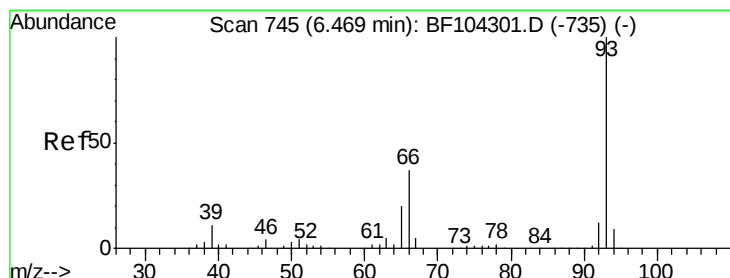
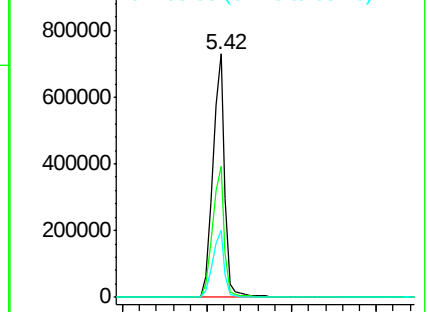
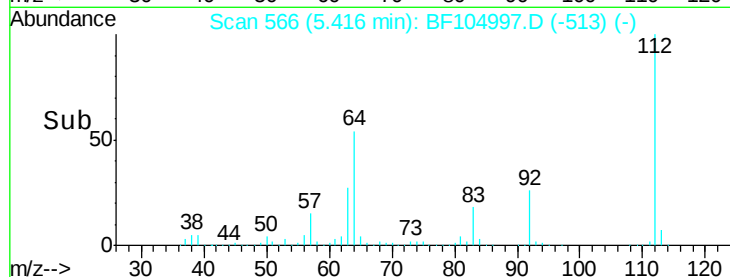
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.752 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

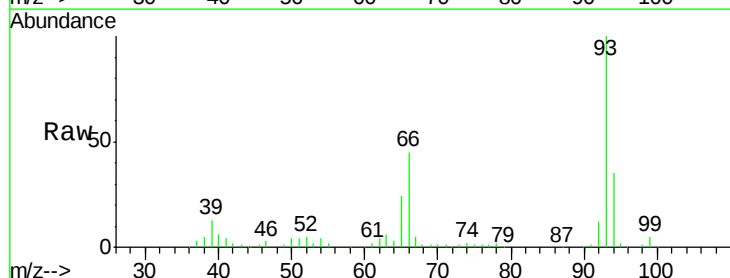
Tgt Ion: 93 Resp: 241718

Ion Ratio Lower Upper

93 100

66 45.5 32.2 48.2

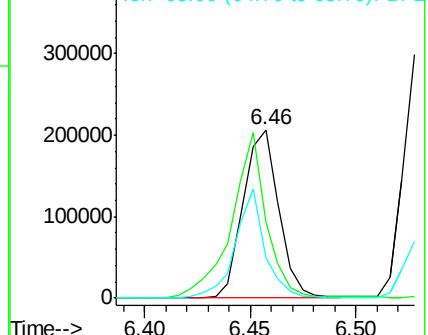
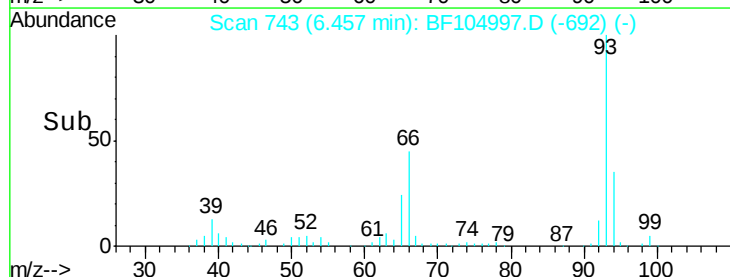
65 24.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.969 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

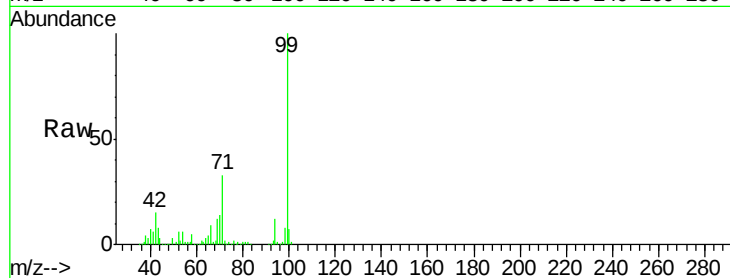
Tgt Ion: 99 Resp: 889388

Ion Ratio Lower Upper

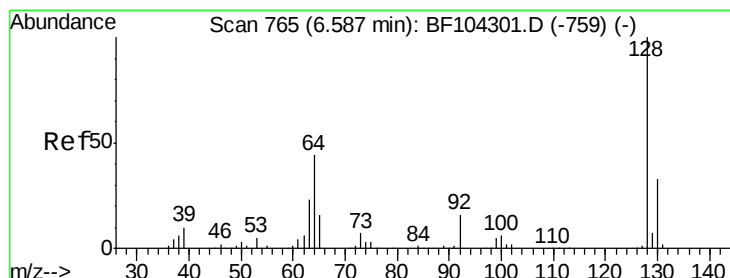
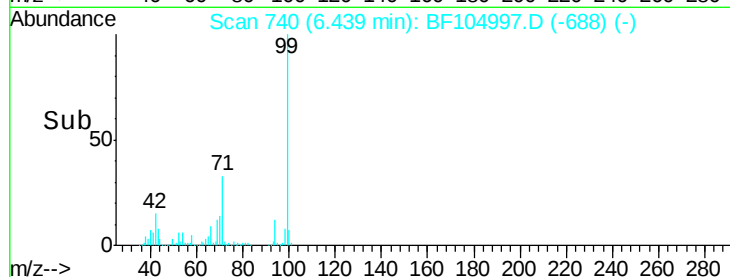
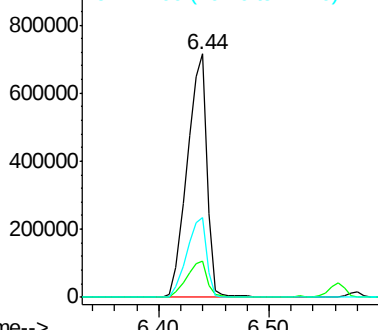
99 100

42 14.9 14.5 21.7

71 33.0 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: 36.992 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

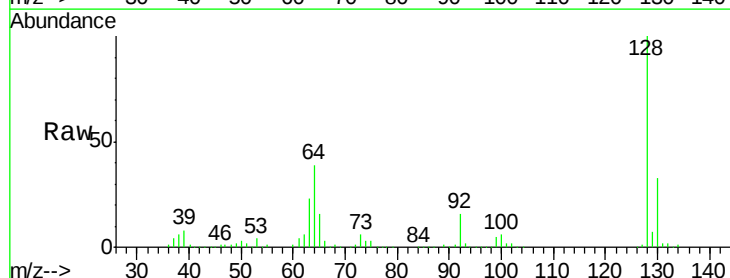
Tgt Ion: 128 Resp: 279914

Ion Ratio Lower Upper

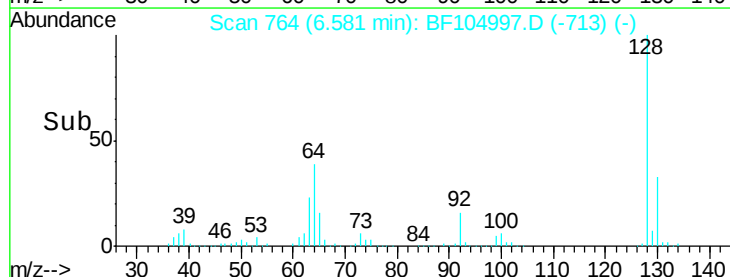
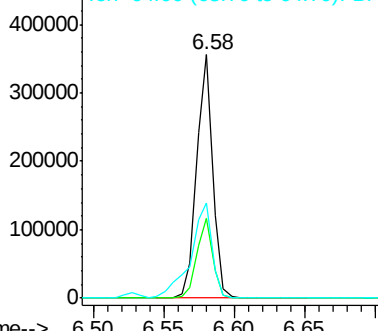
128 100

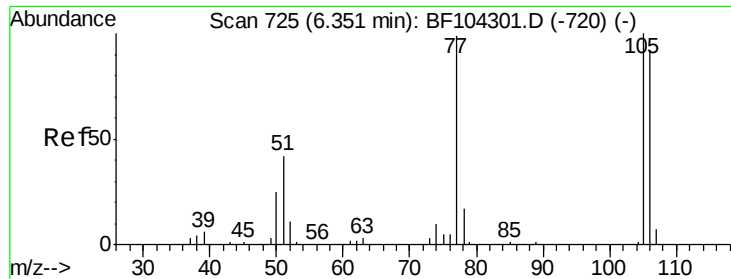
130 32.5 13.0 53.0

64 39.2 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: 20.413 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

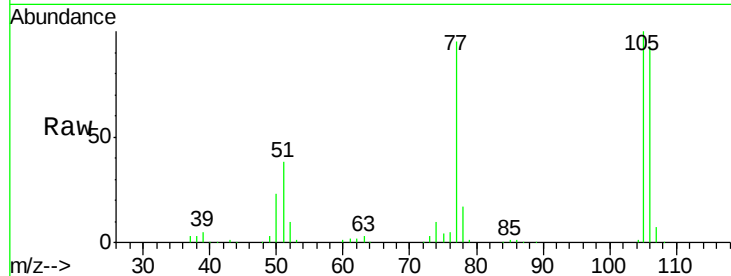
Tgt Ion: 77 Resp: 107616

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

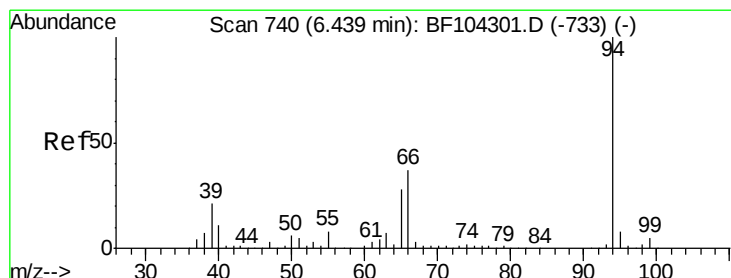
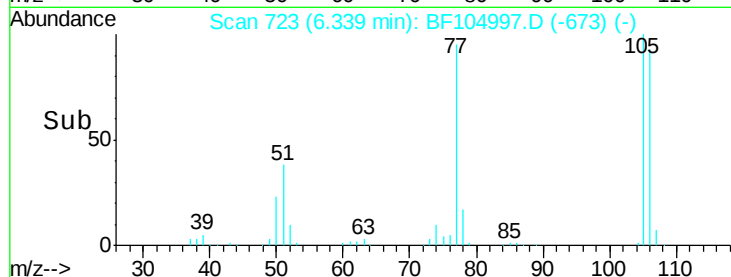
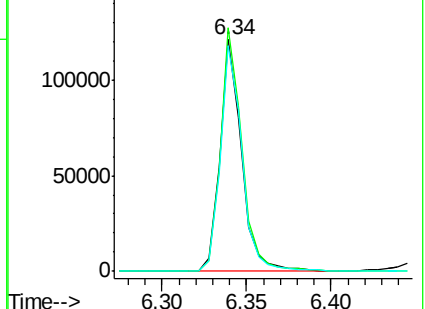
106 97.3 74.5 114.5



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: 35.323 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

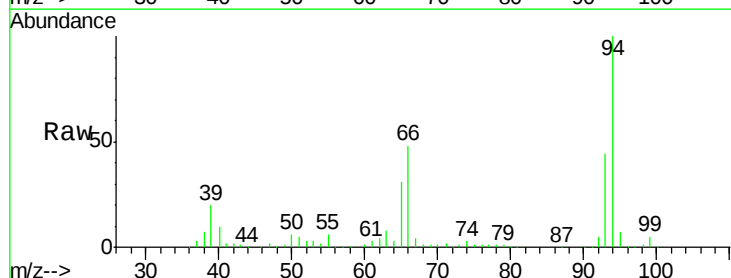
Tgt Ion: 94 Resp: 330132

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

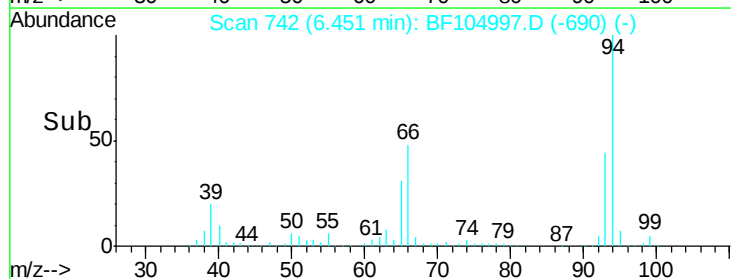
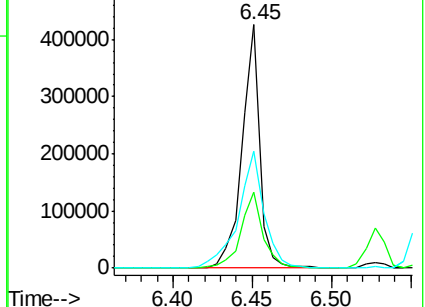
66 47.8 16.2 56.2



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

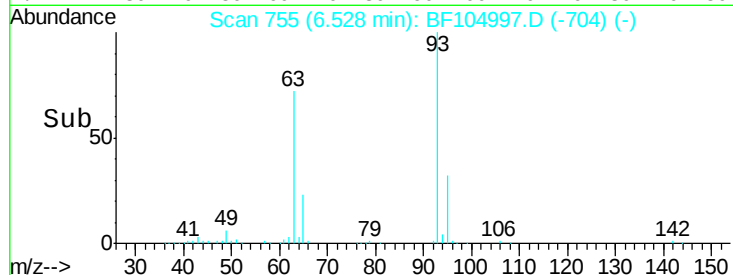
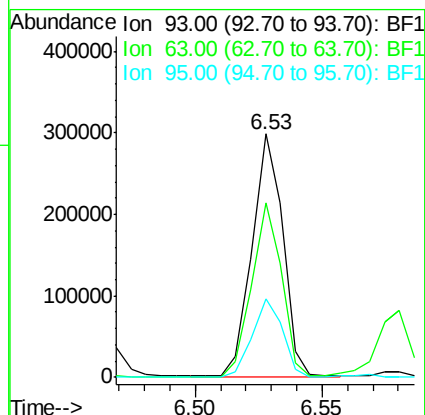
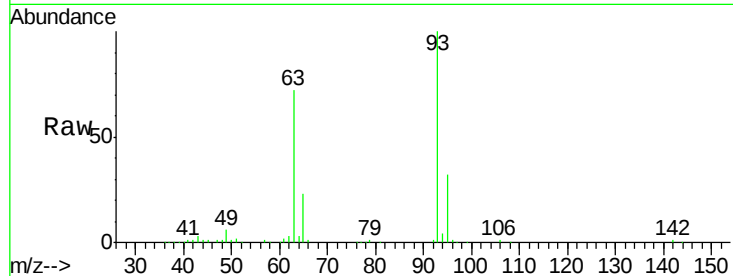




#11
 bis(2-Chloroethyl)ether
 Concen: 34.340 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

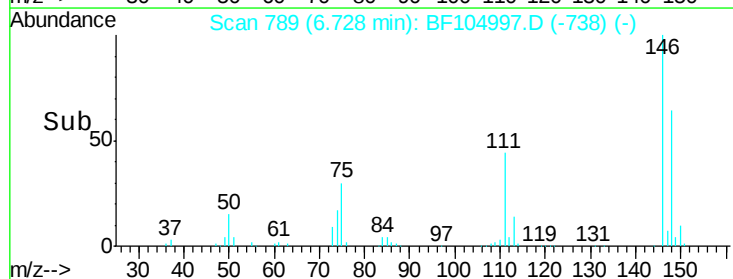
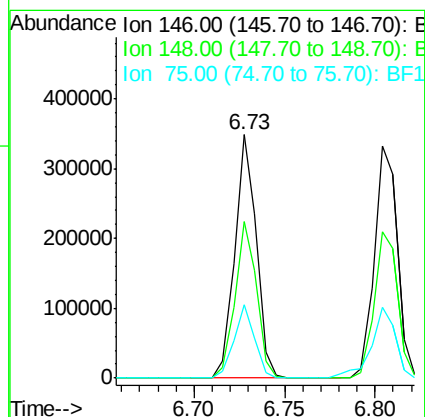
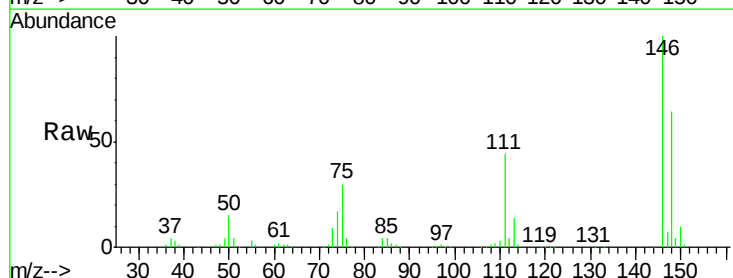
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

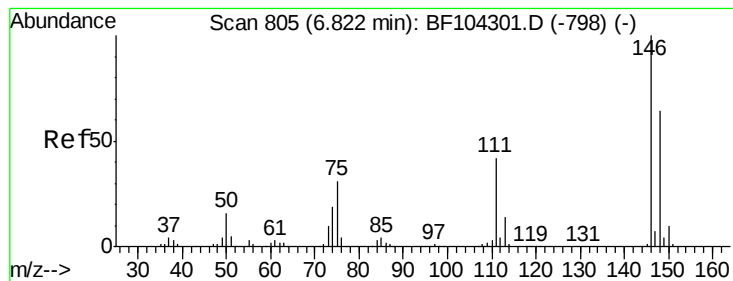
Tgt Ion: 93 Resp: 256120
 Ion Ratio Lower Upper
 93 100
 63 71.9 58.6 98.6
 95 32.2 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.707 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 146 Resp: 288944
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 75 30.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.490 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

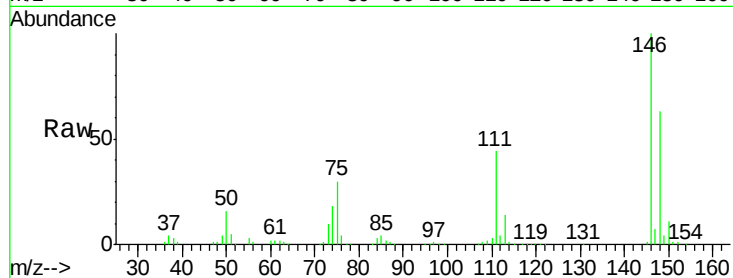
Tgt Ion:146 Resp: 294725

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

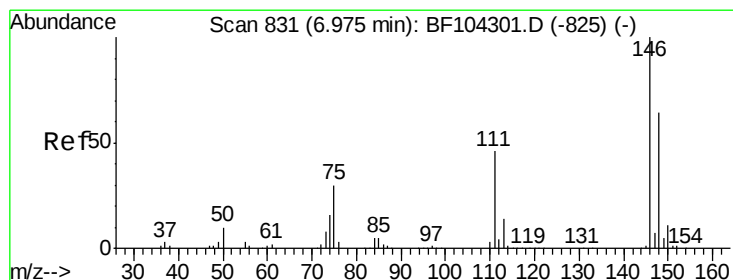
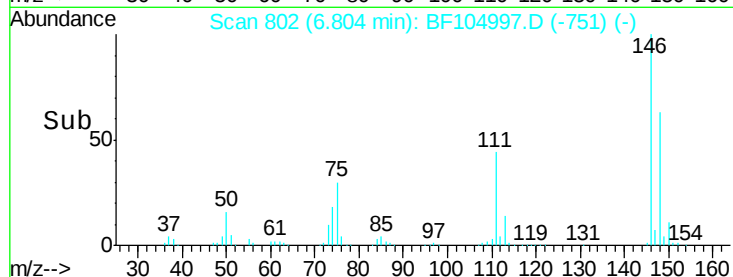
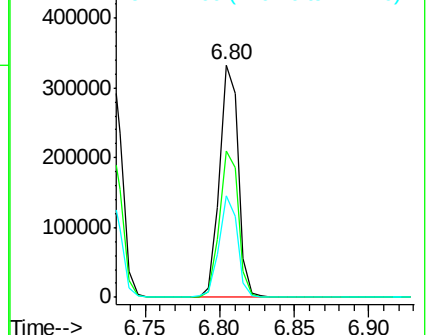
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.877 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

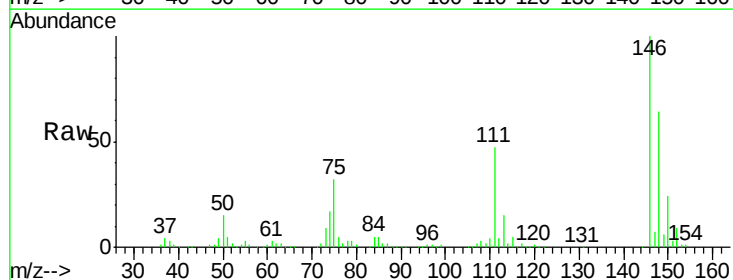
Tgt Ion:146 Resp: 276184

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

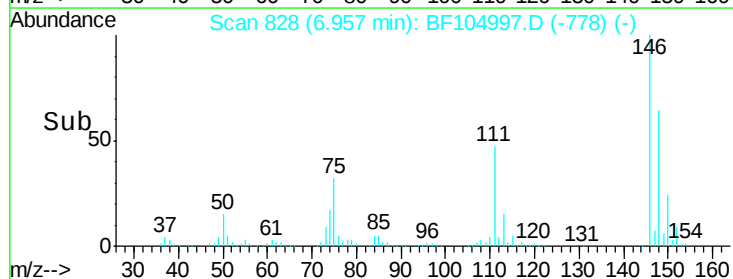
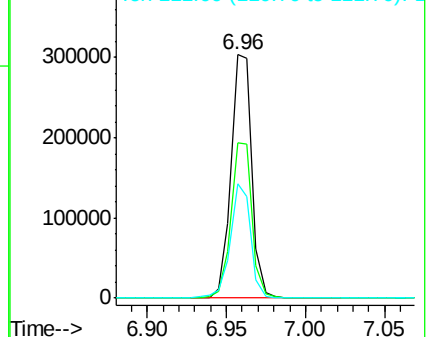
111 47.0 36.0 54.0

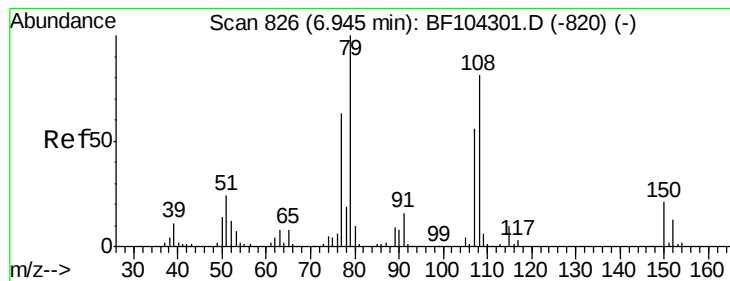


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.008 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

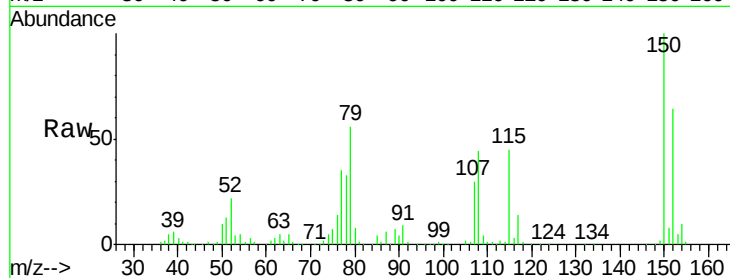
Tgt Ion: 79 Resp: 214141

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

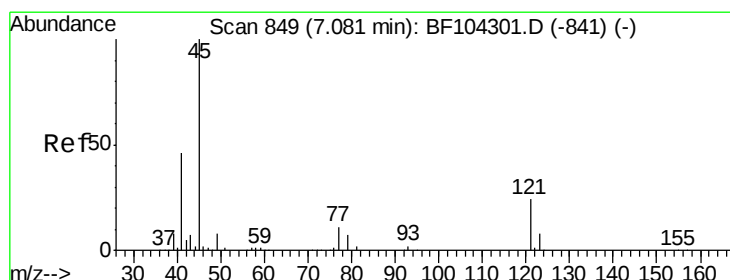
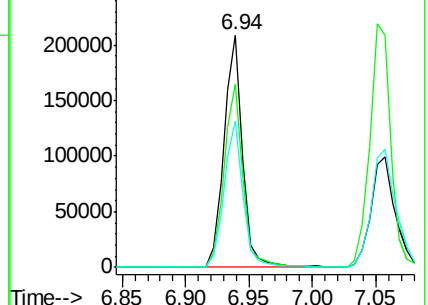
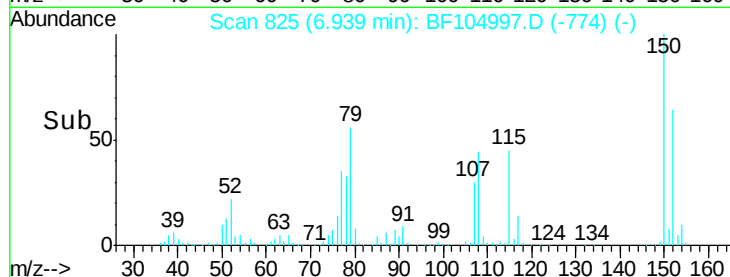
77 63.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.720 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

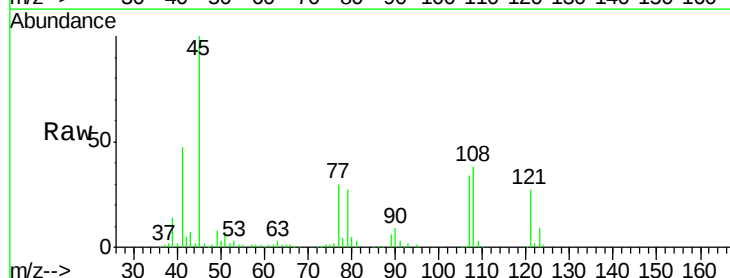
Tgt Ion: 45 Resp: 287664

Ion Ratio Lower Upper

45 100

77 30.2 0.0 32.9

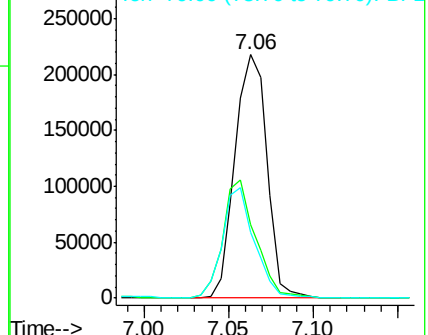
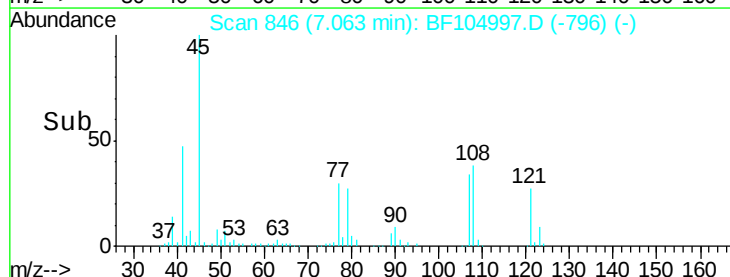
79 26.7 0.0 29.6

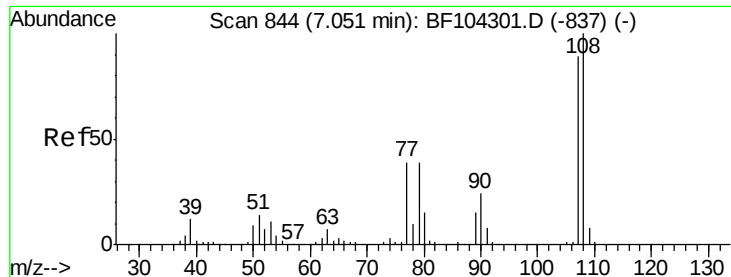


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

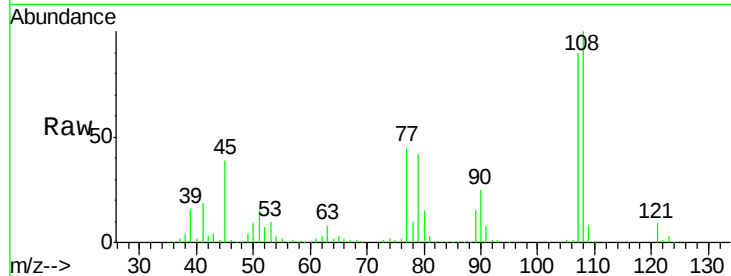




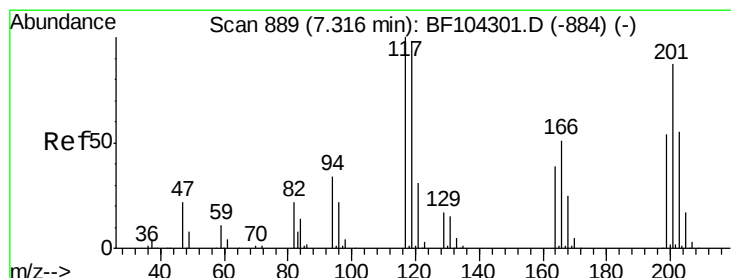
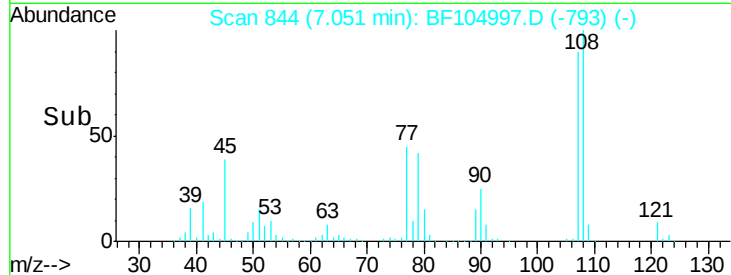
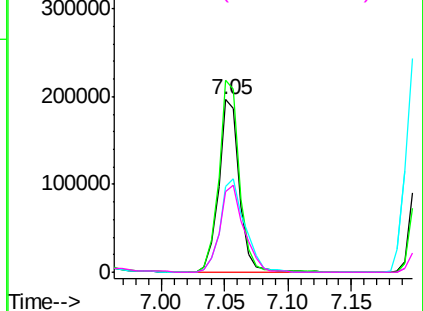
#17
2-Methylphenol
Concen: 33.948 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:	107	Resp:	223289
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	49.9	33.8	50.8
79	46.8	33.8	50.8

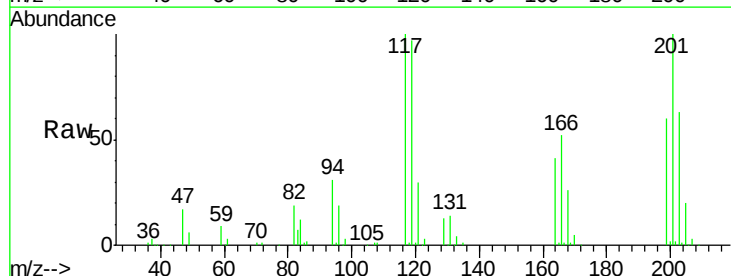


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

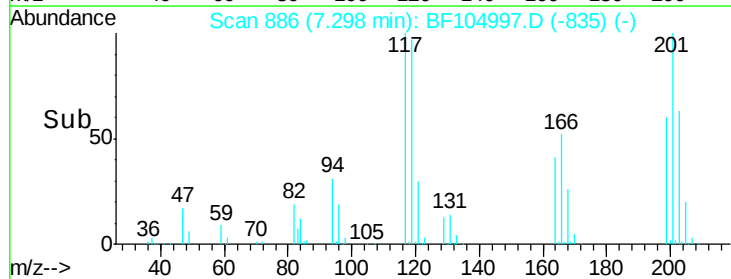
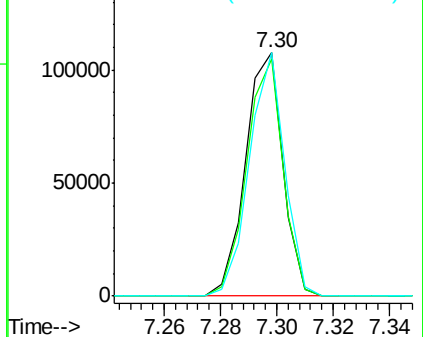


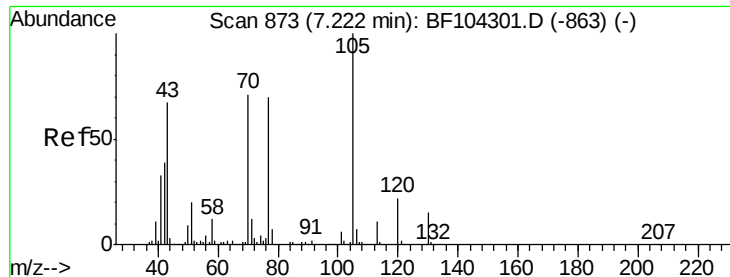
#18
Hexachloroethane
Concen: 32.372 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:	117	Resp:	98627
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	100.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

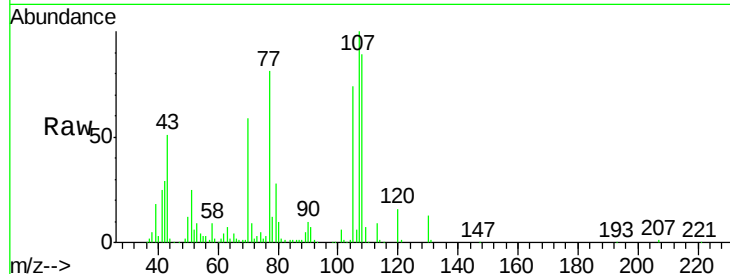




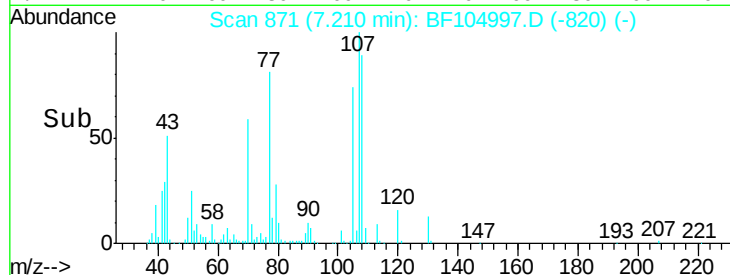
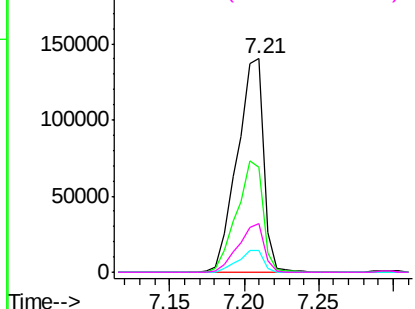
#19
n-Nitroso-di-n-propylamine
Concen: 30.203 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion: 70 Resp: 173851
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 10.1 7.4 11.2
130 22.8 16.6 25.0



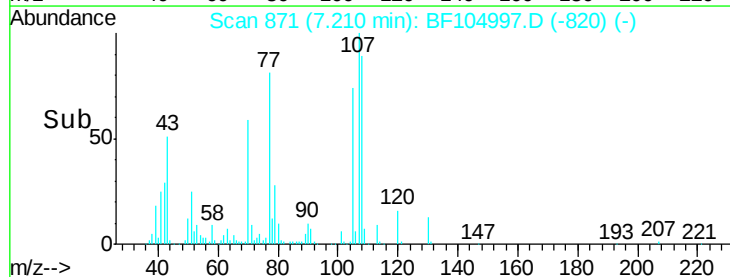
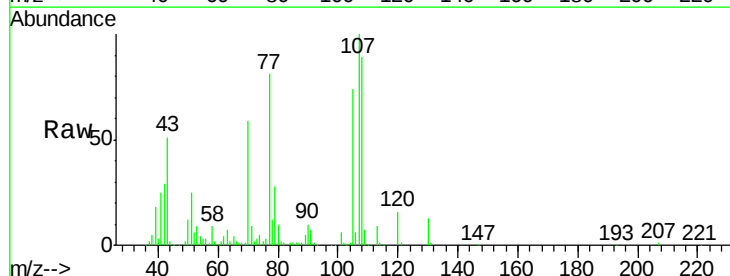
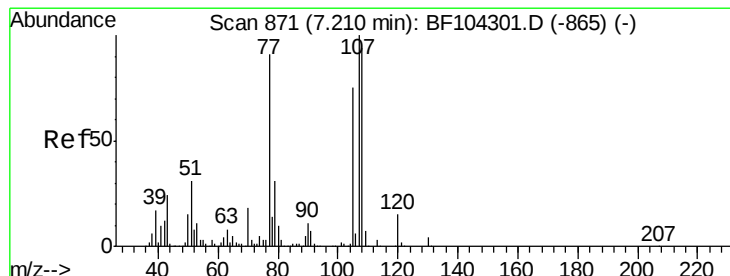
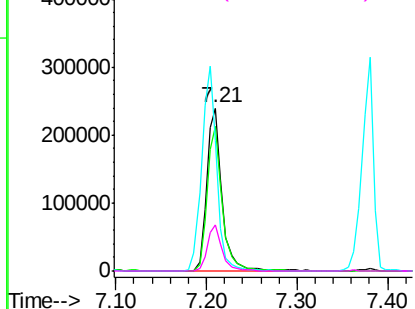
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

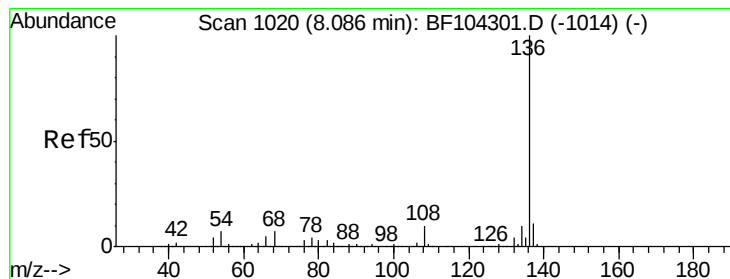


#20
3+4-Methylphenols
Concen: 34.799 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:107 Resp: 283878
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 80.6 26.7 66.7#
79 28.3 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

Tgt Ion:136 Resp: 454231

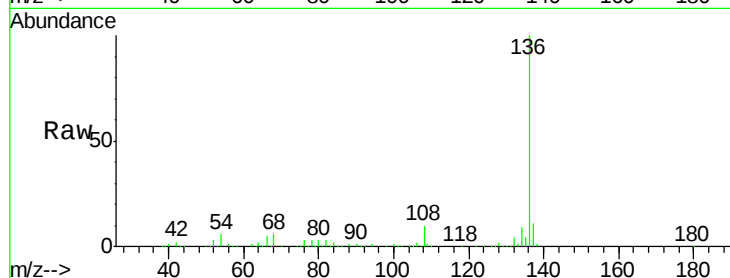
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

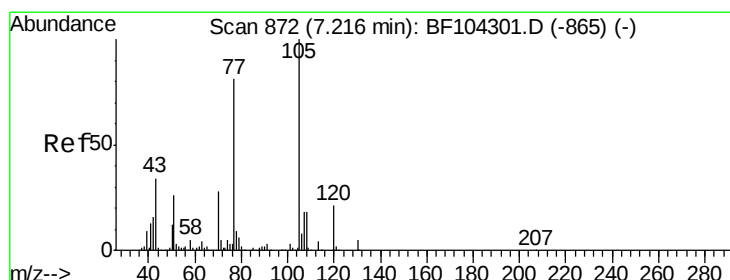
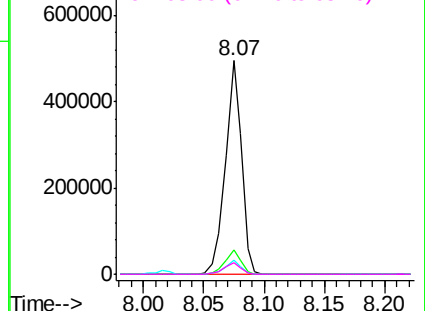
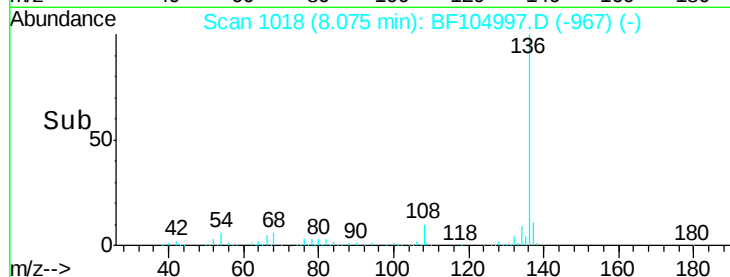


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.743 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Tgt Ion:105 Resp: 366158

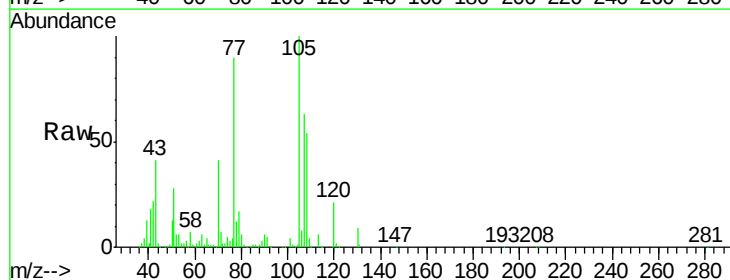
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 28.4 22.3 33.5

120 21.2 16.9 25.3

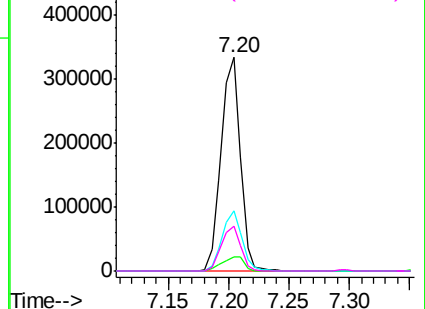
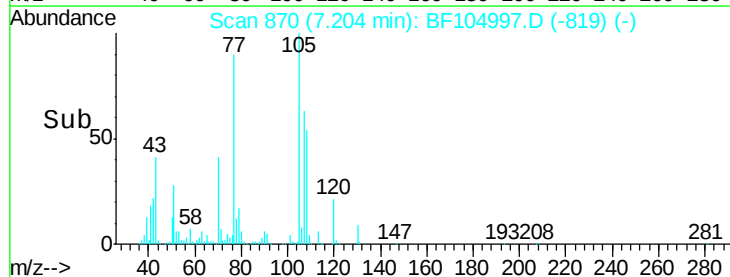


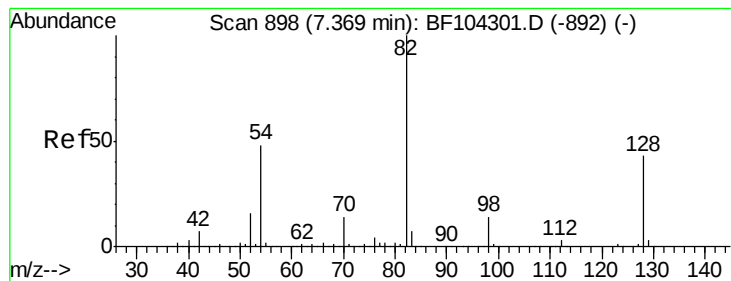
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.580 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

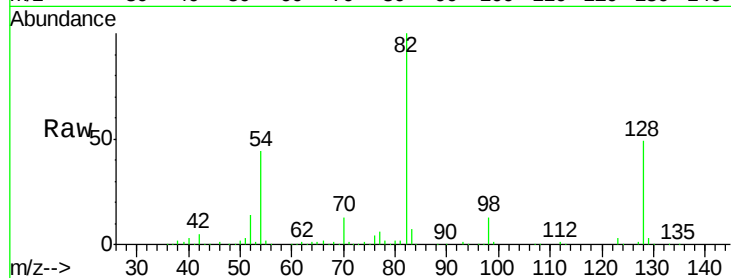
Tgt Ion: 82 Resp: 546625

Ion Ratio Lower Upper

82 100

128 49.0 36.1 54.1

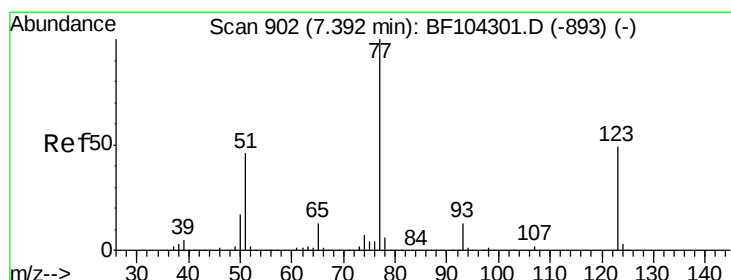
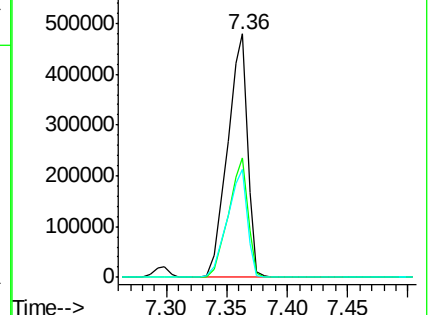
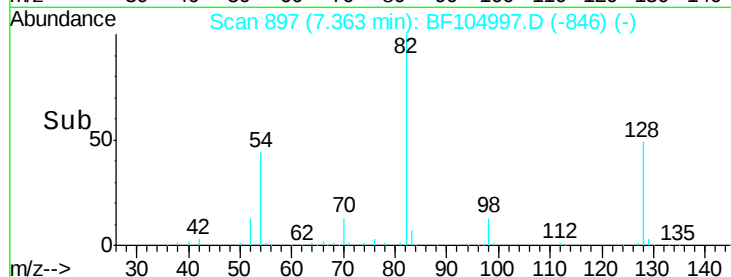
54 44.2 41.4 62.2



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: 35.303 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

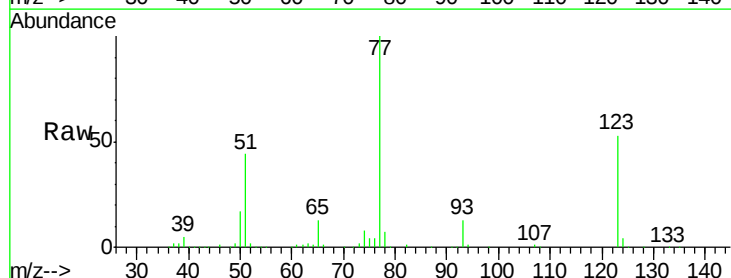
Tgt Ion: 77 Resp: 271137

Ion Ratio Lower Upper

77 100

123 53.3 37.9 56.9

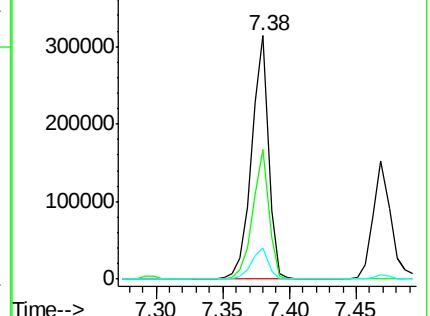
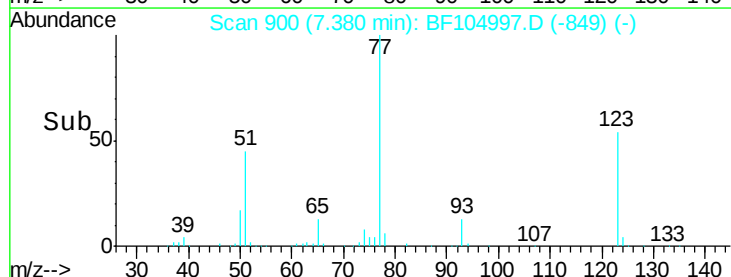
65 12.8 11.0 16.4

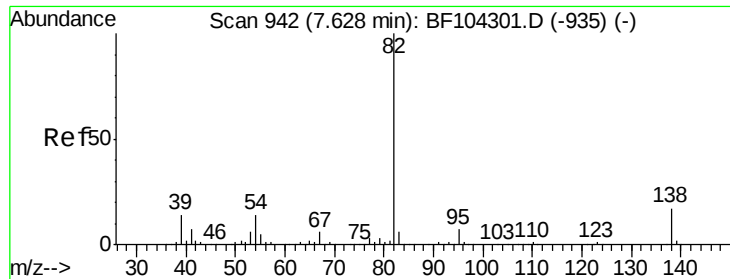


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.702 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

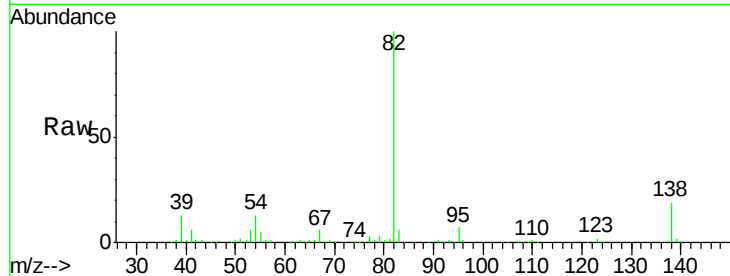
Tgt Ion: 82 Resp: 495756

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

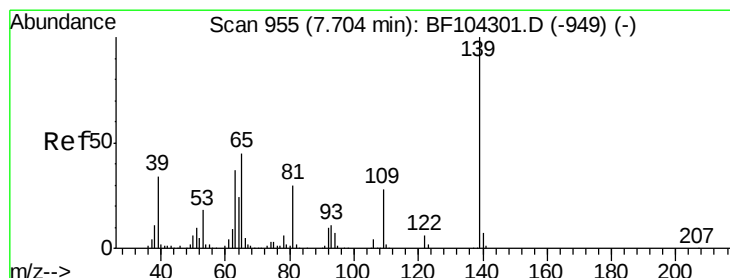
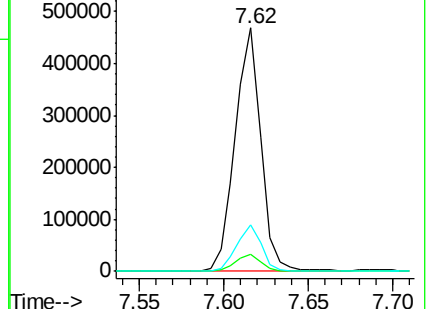
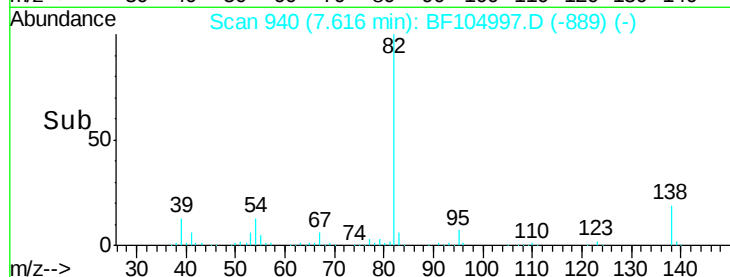
138 18.9 14.9 22.3



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: 45.998 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

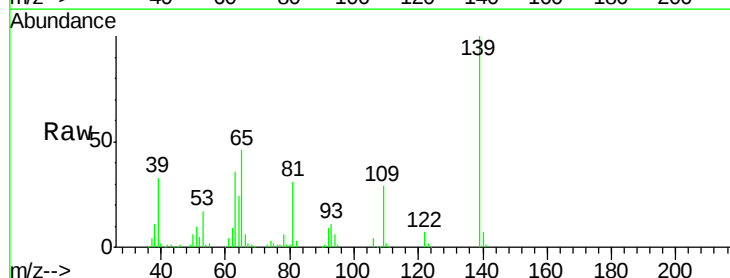
Tgt Ion: 139 Resp: 143819

Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

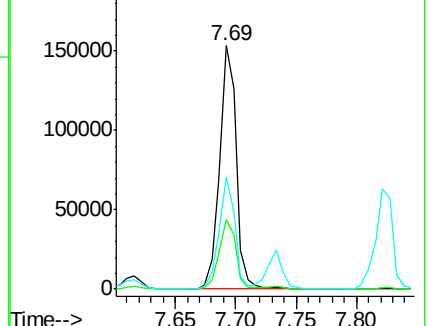
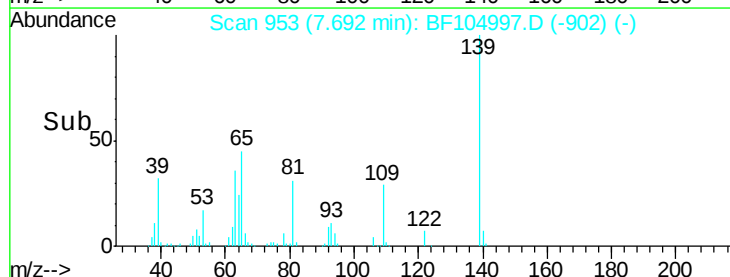
65 45.7 40.5 60.7

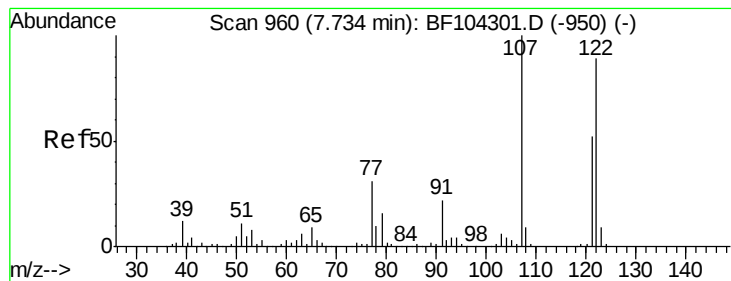


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

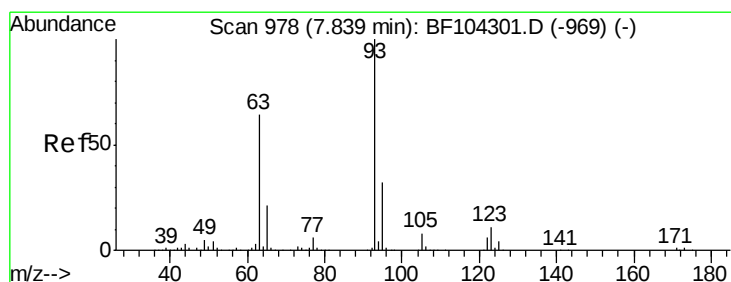
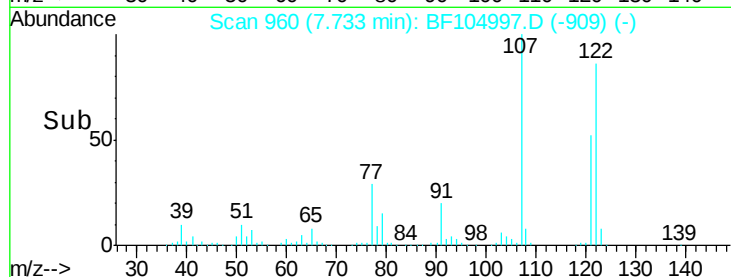
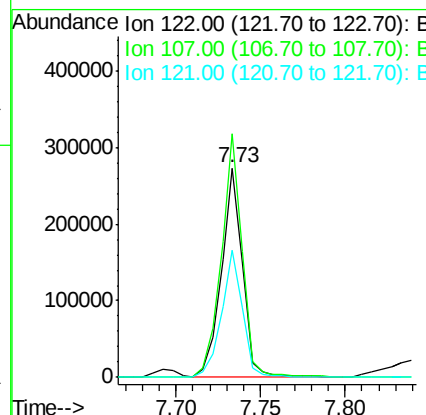
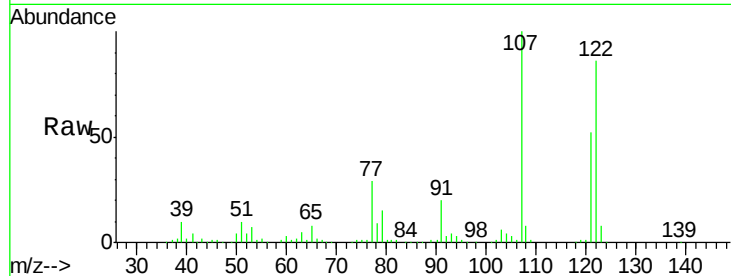




#27
 2,4-Dimethylphenol
 Concen: 36.879 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

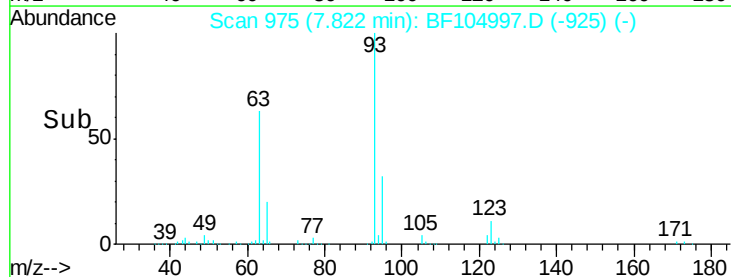
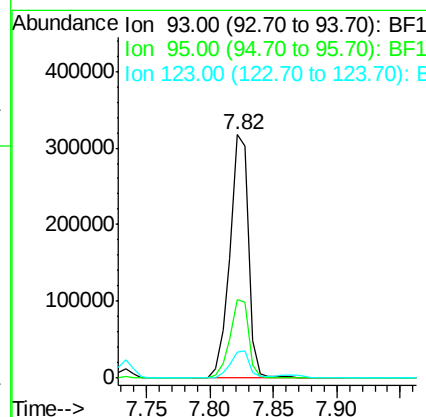
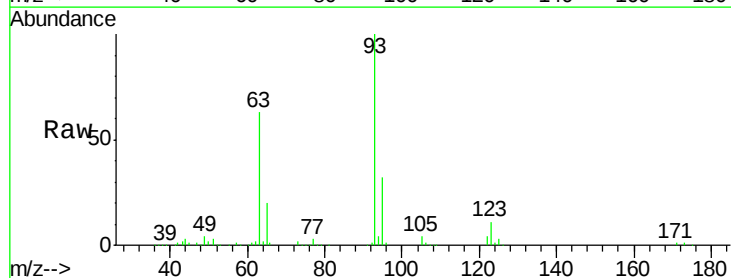
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion: 122 Resp: 239419
 Ion Ratio Lower Upper
 122 100
 107 116.2 91.2 136.8
 121 60.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.981 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 93 Resp: 323609
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.8 9.8 14.6

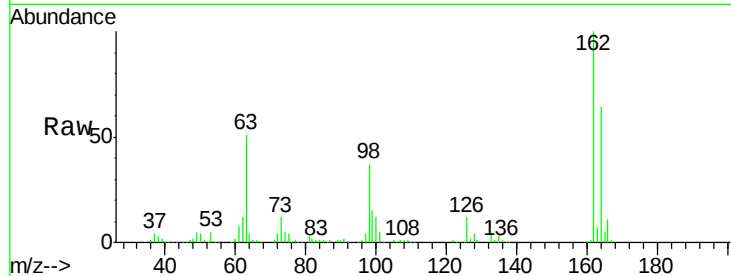




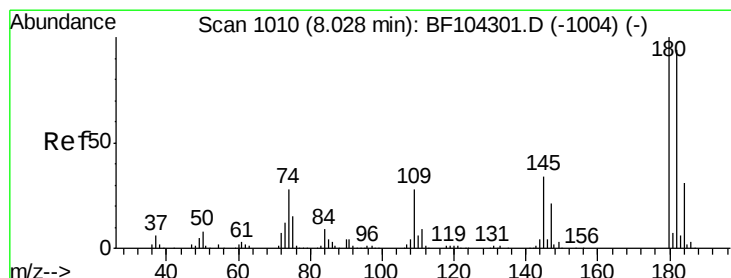
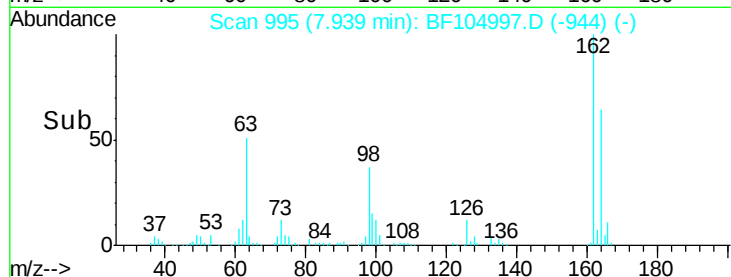
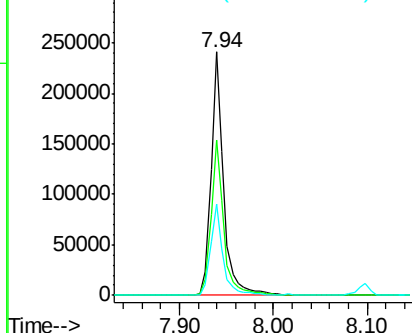
#29
2,4-Dichlorophenol
Concen: 36.928 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:162 Resp: 228741
Ion Ratio Lower Upper
162 100
164 63.6 42.7 82.7
98 37.3 18.1 58.1

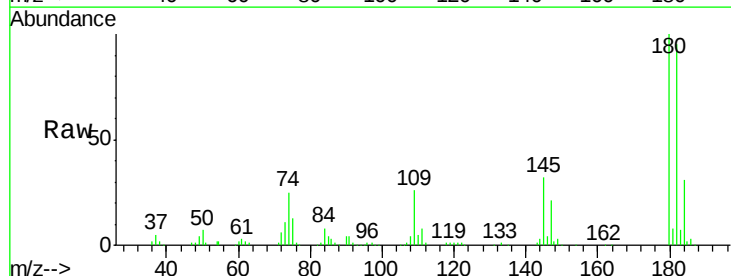


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

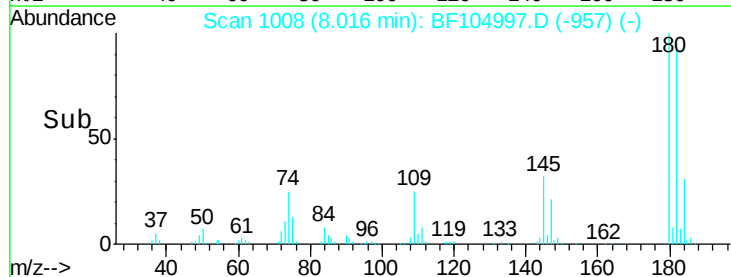
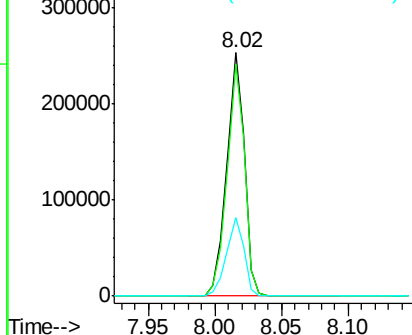


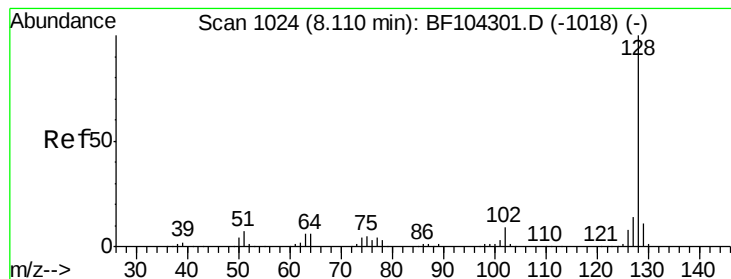
#30
1,2,4-Trichlorobenzene
Concen: 35.310 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:180 Resp: 240036
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 32.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.856 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

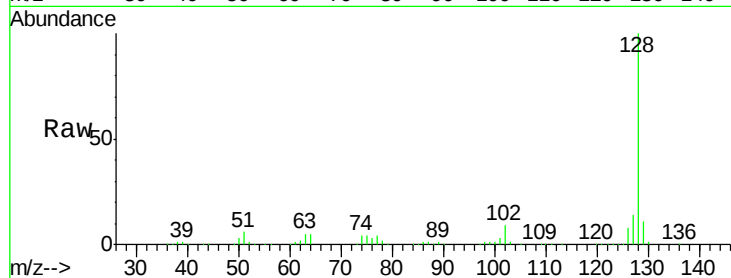
Tgt Ion:128 Resp: 788394

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

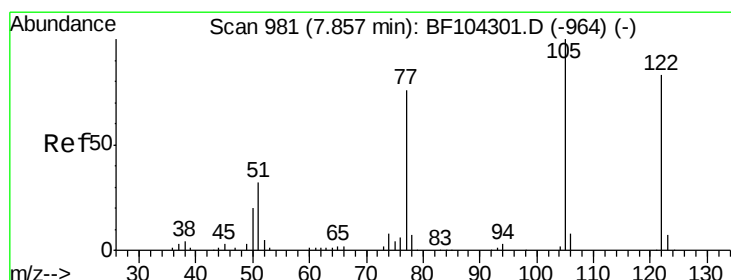
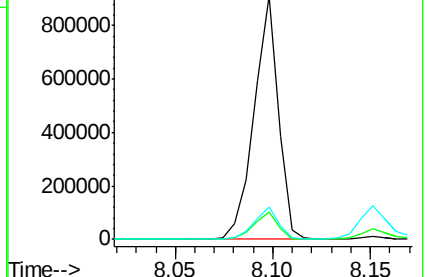
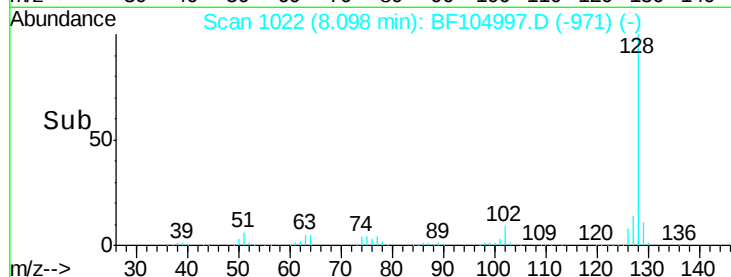
127 13.6 10.9 16.3



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: 22.444 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

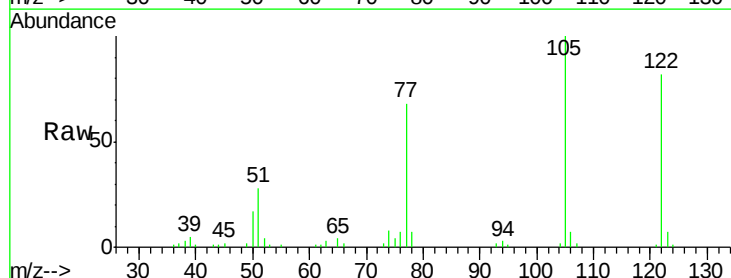
Tgt Ion:122 Resp: 116260

Ion Ratio Lower Upper

122 100

105 122.2 101.1 141.1

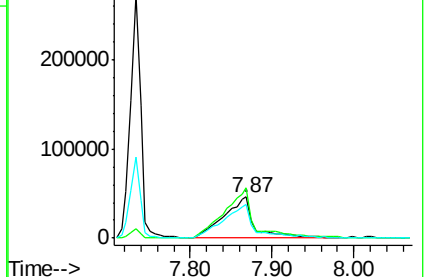
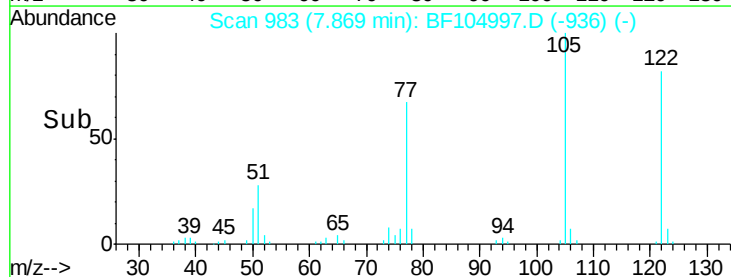
77 83.1 70.7 110.7

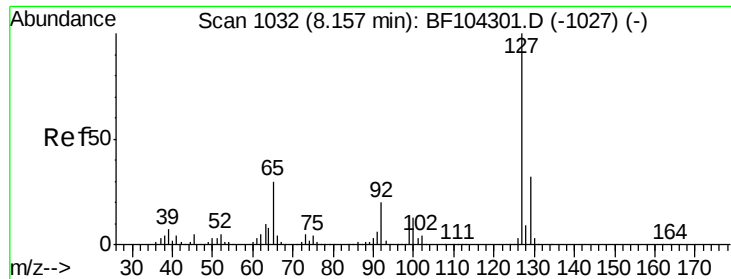


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

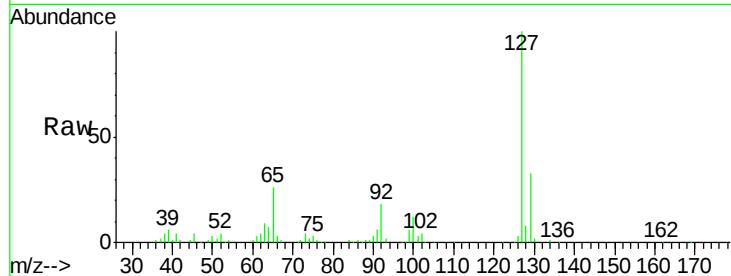




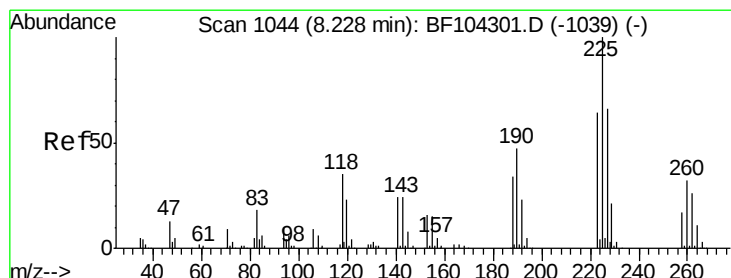
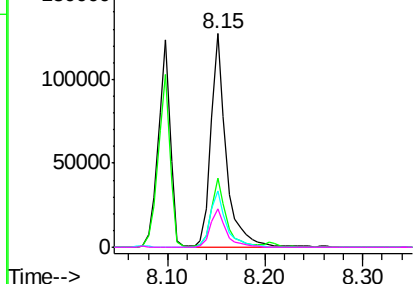
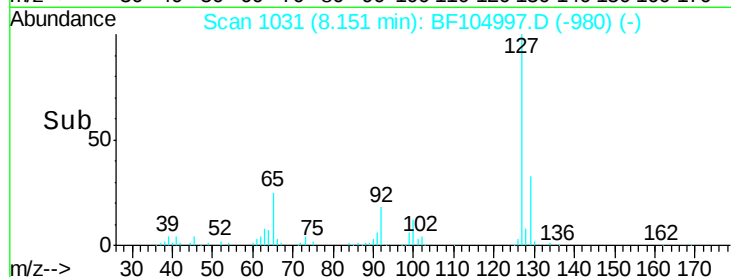
#33
4-Chloroaniline
Concen: 14.388 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:	127	Resp:	139424
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.4	25.0	37.4
92	17.9	15.2	22.8

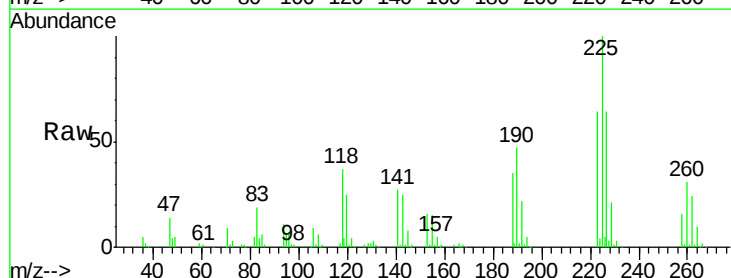


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

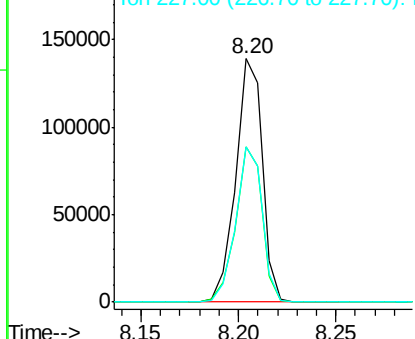
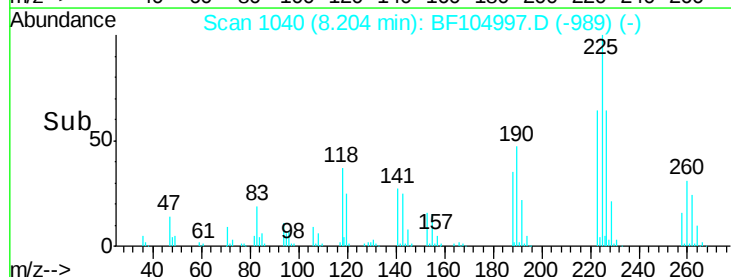


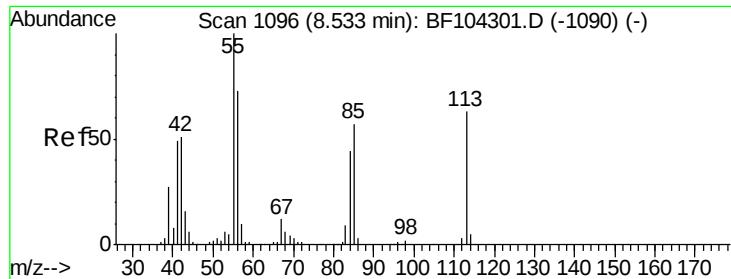
#34
Hexachlorobutadiene
Concen: 35.283 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:	225	Resp:	131377
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

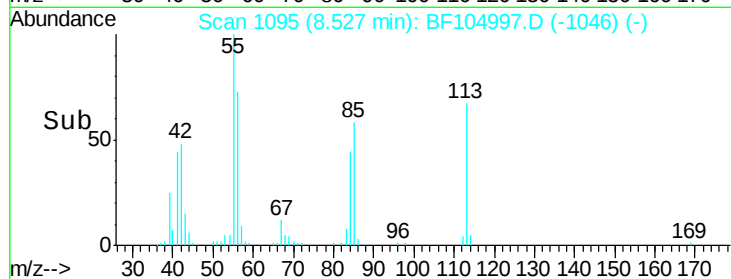
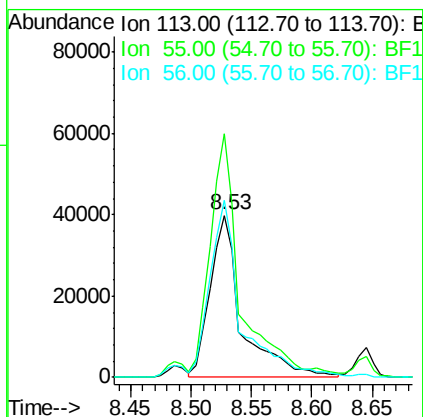
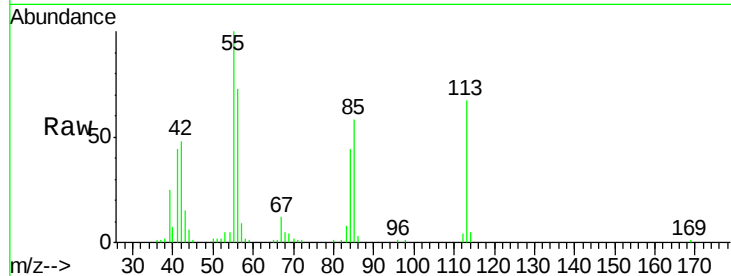




#35
 Caprolactam
 Concen: 33.288 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

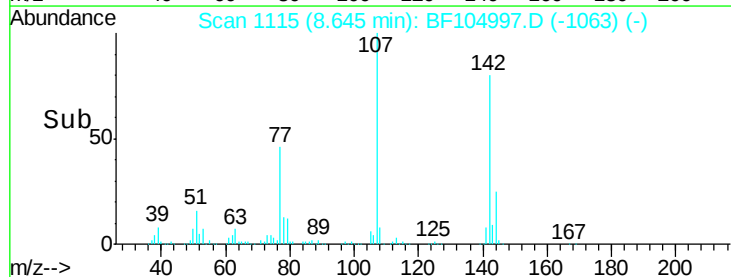
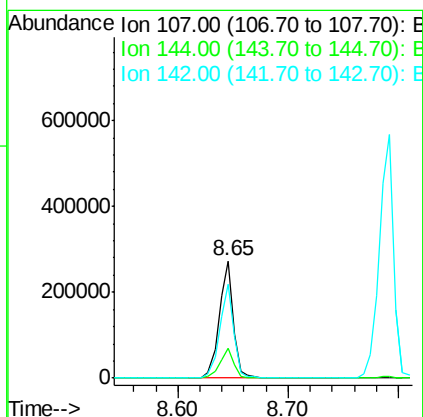
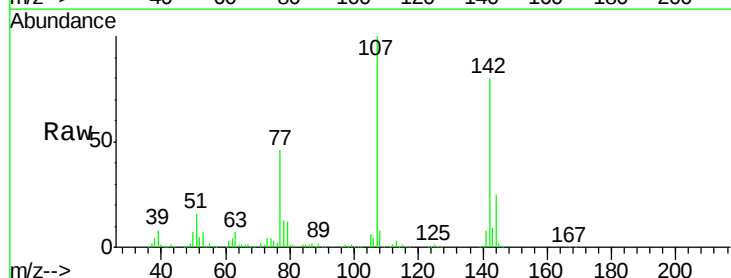
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

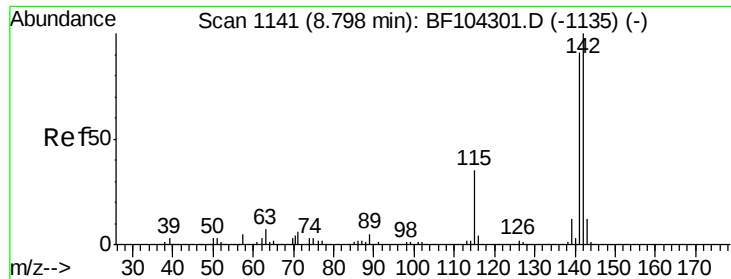
Tgt Ion:113 Resp: 71931
 Ion Ratio Lower Upper
 113 100
 55 150.3 163.3 203.3#
 56 109.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.121 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:107 Resp: 239914
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.3 62.0 93.0

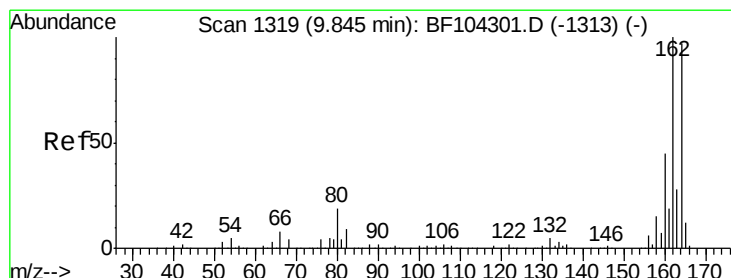
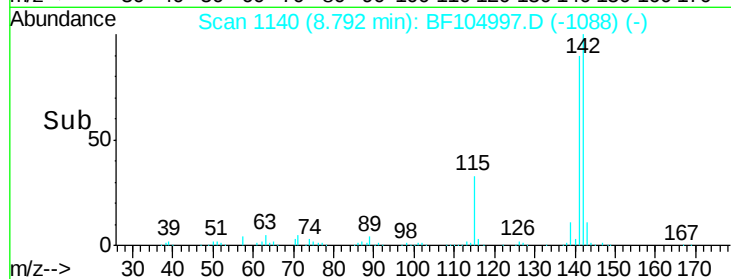
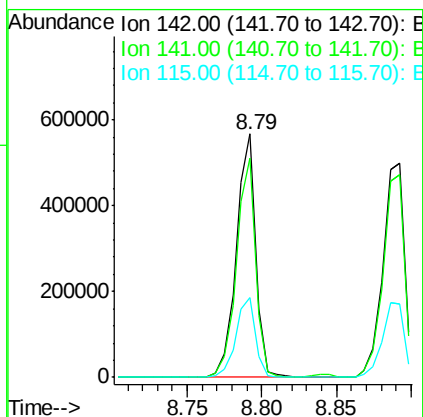
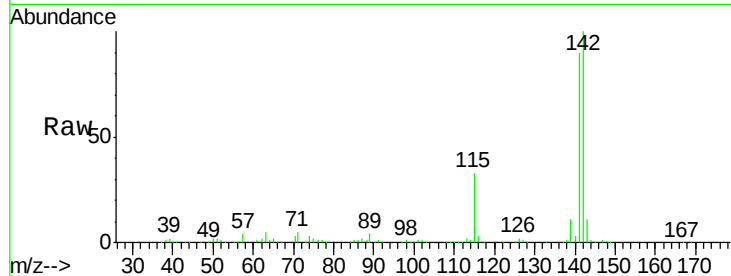




#37
2-Methylnaphthalene
Concen: 35.422 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

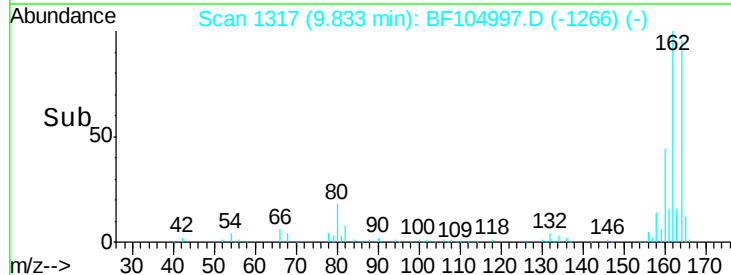
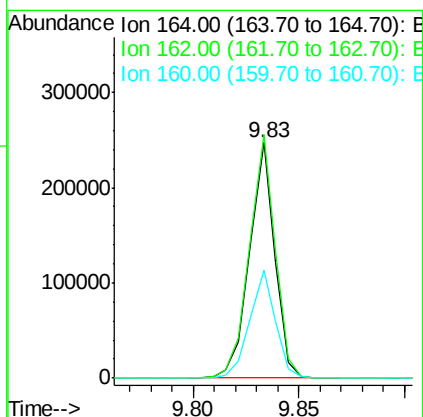
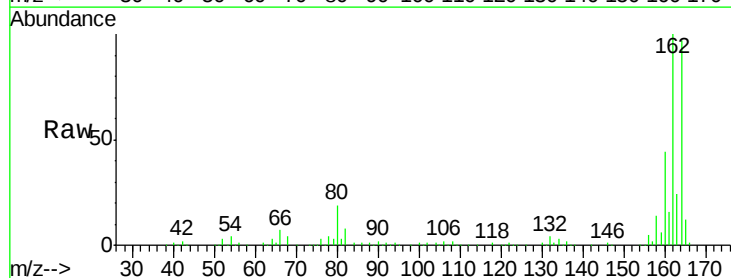
Instrument :
BNA_F
ClientSampleId :
PB108628BS

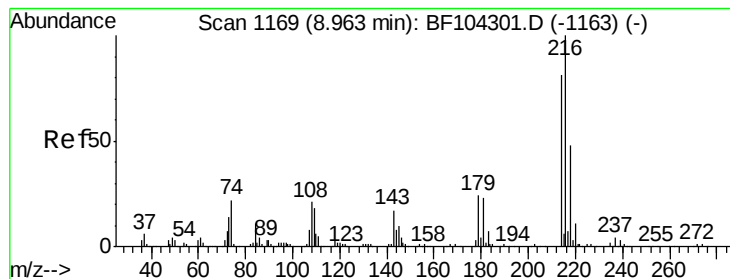
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	32.8	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.105 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

Tgt Ion:216 Resp: 224184

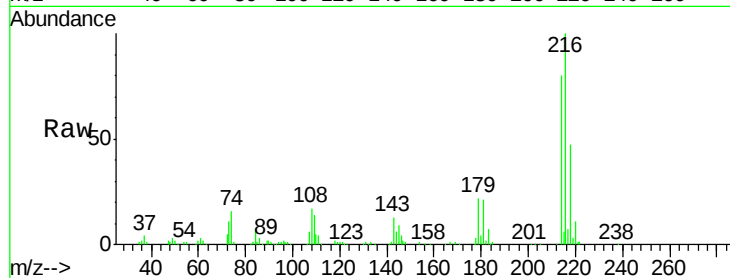
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.3 18.1 27.1

108 18.7 17.2 25.8

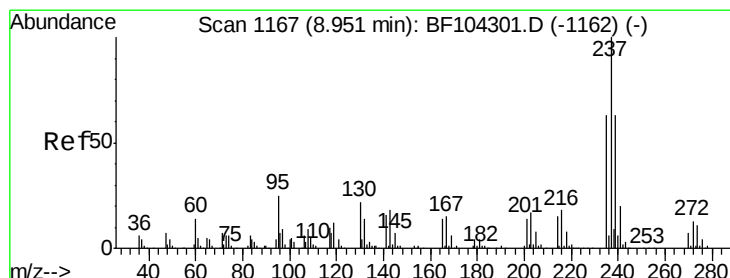
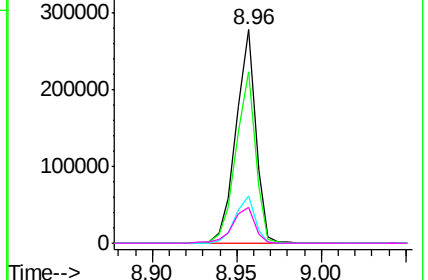
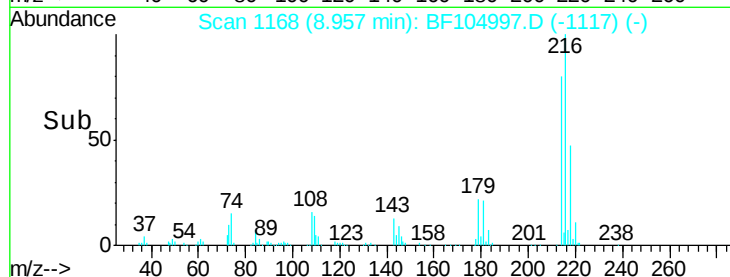


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.743 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

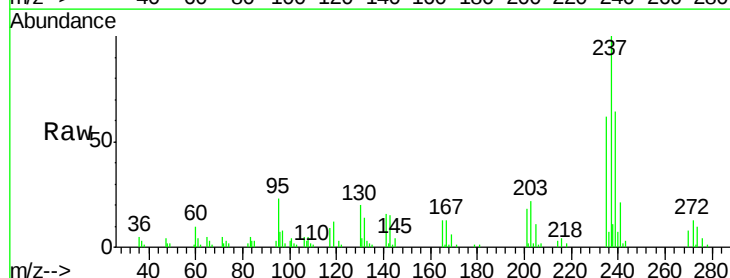
Tgt Ion:237 Resp: 38679

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

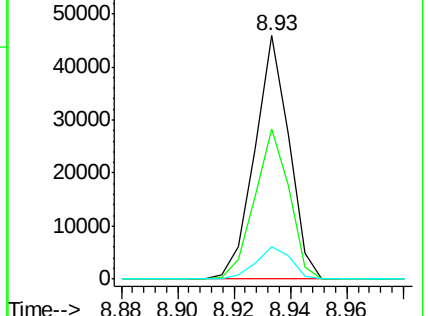
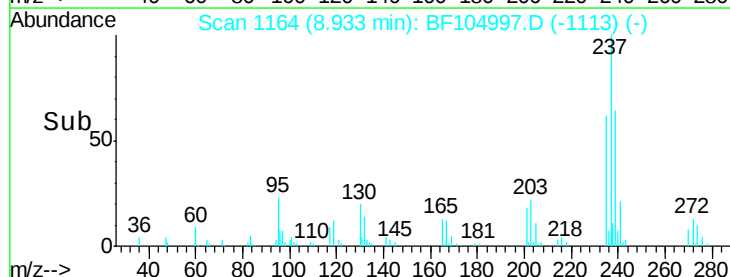
272 13.1 0.0 33.3



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

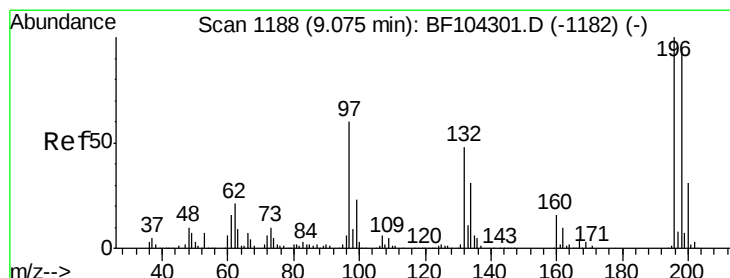
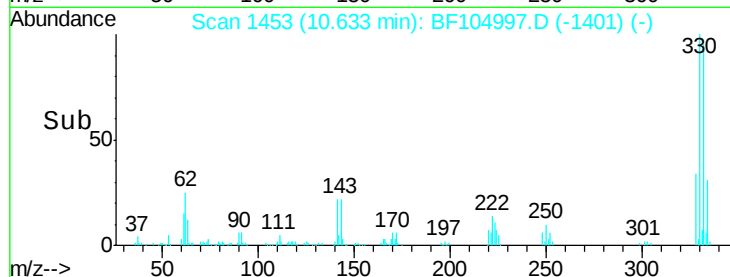
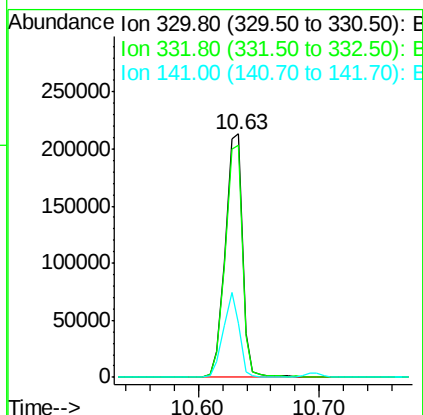
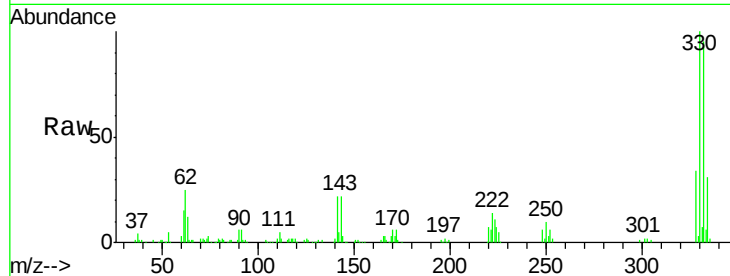




#41
 2,4,6-Tribromophenol
 Concen: 100.215 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

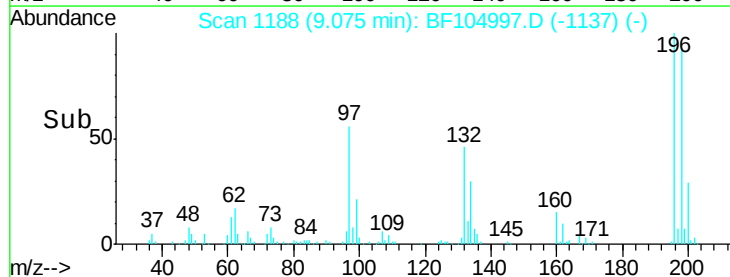
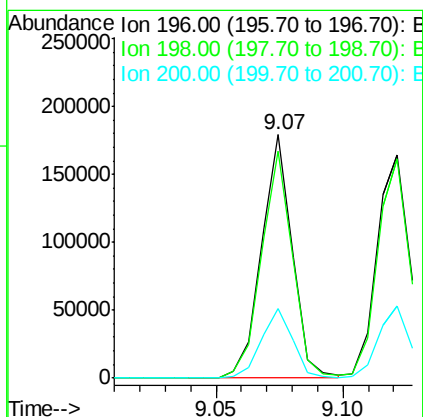
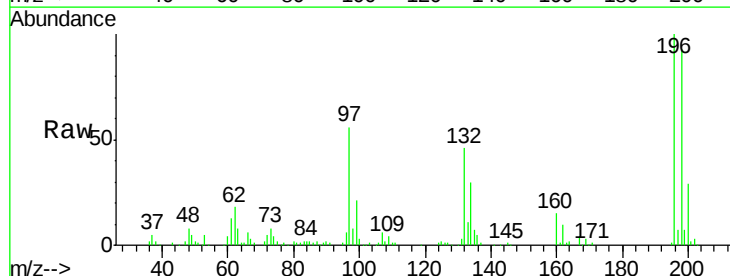
Instrument :
 BNA_F
 ClientSampled :
 PB108628BS

Tgt Ion:330 Resp: 213659
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.164 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:196 Resp: 151784
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 28.8 24.5 36.7

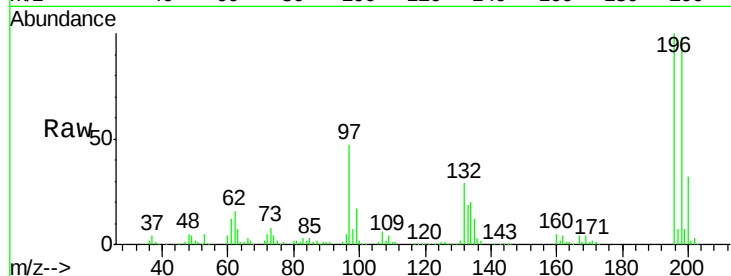




#43
 2,4,5-Trichlorophenol
 Concen: 34.787 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	74.6	112.0
97	47.1	42.9	64.3
132	28.9	26.3	39.5



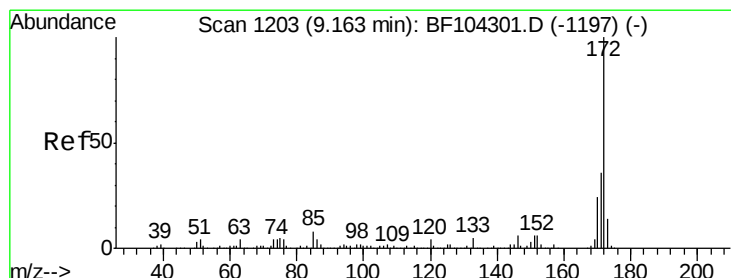
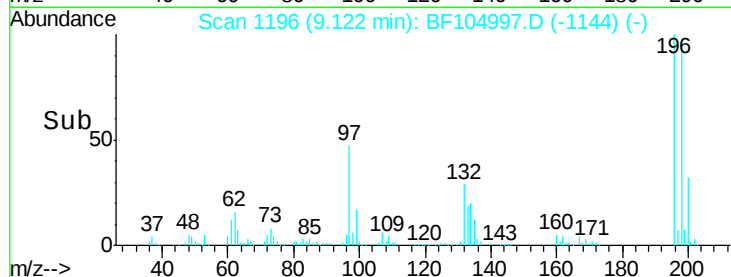
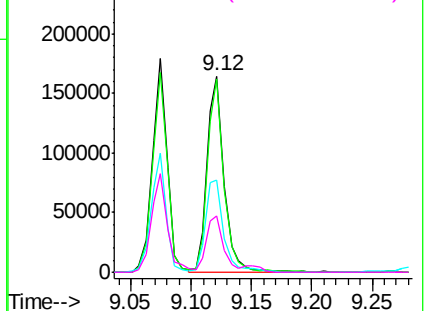
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

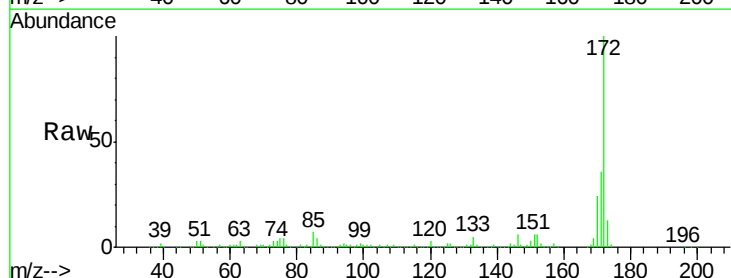
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.868 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

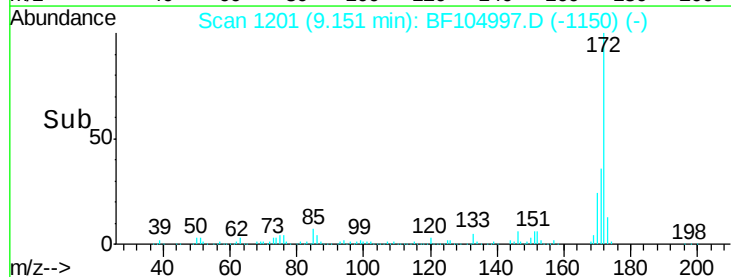
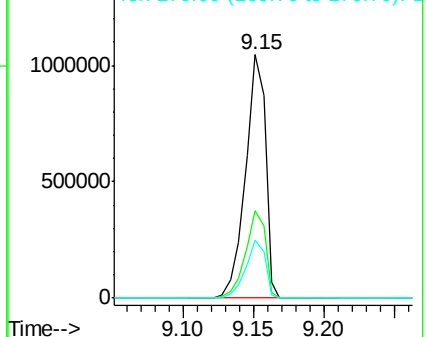


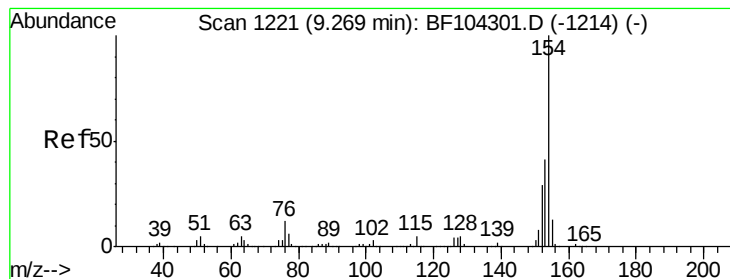
Abundance

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: 35.961 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

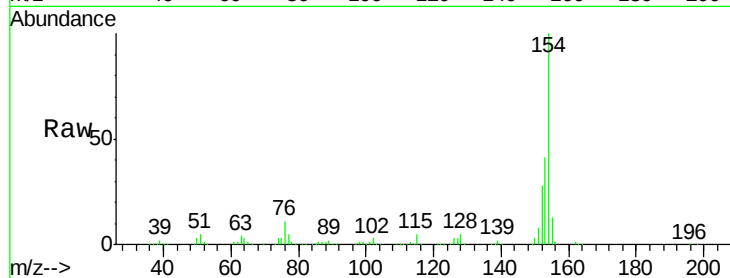
Tgt Ion:154 Resp: 620896

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

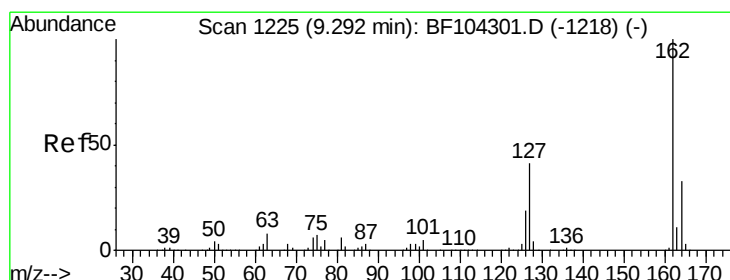
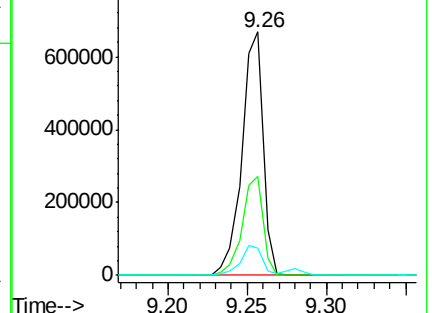
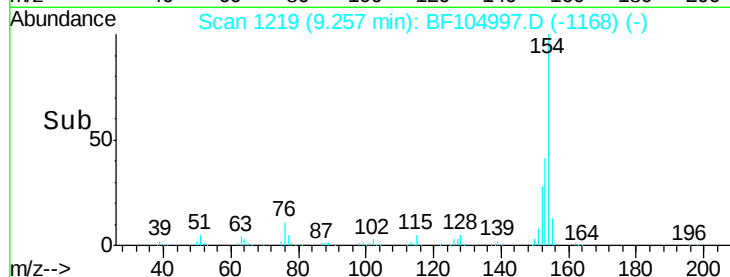
76 11.1 0.0 34.0



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: 35.348 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

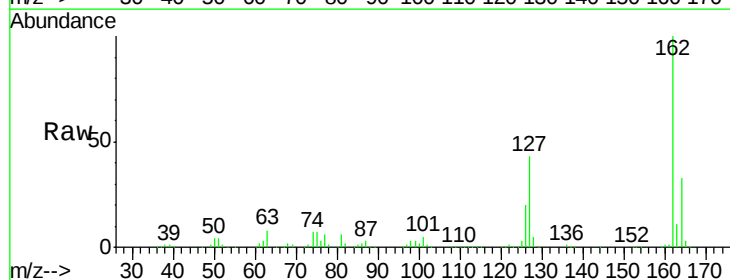
Tgt Ion:162 Resp: 482062

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

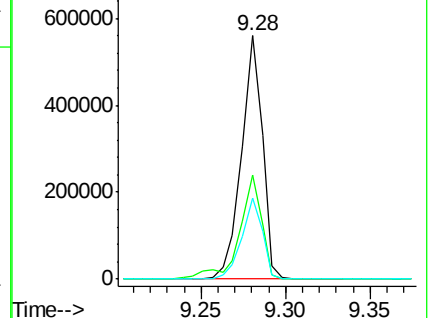
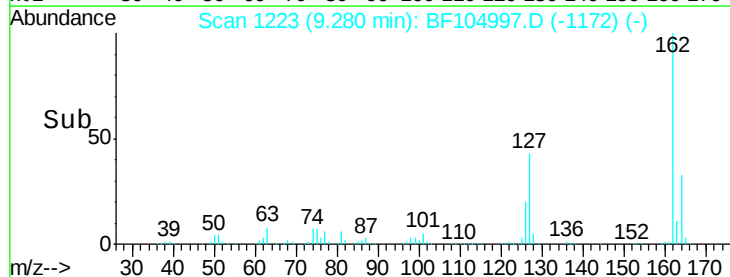
164 33.2 26.5 39.7



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

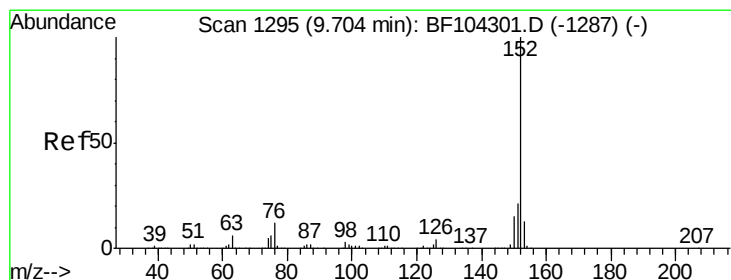
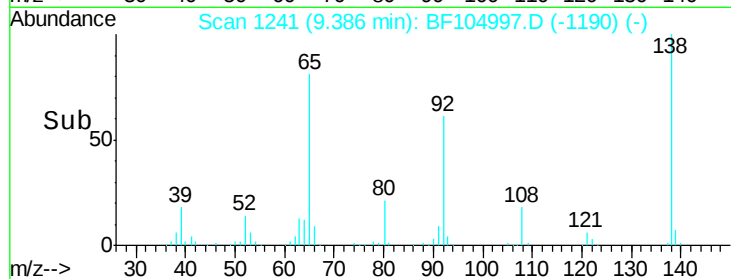
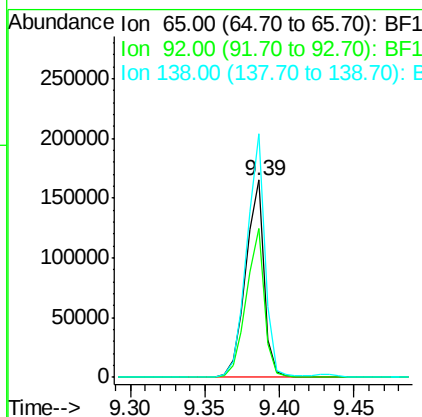
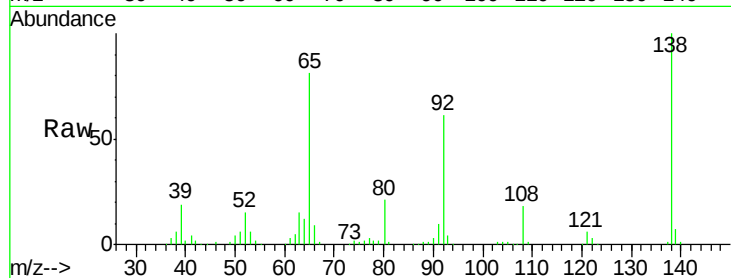




#47
 2-Nitroaniline
 Concen: 41.894 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

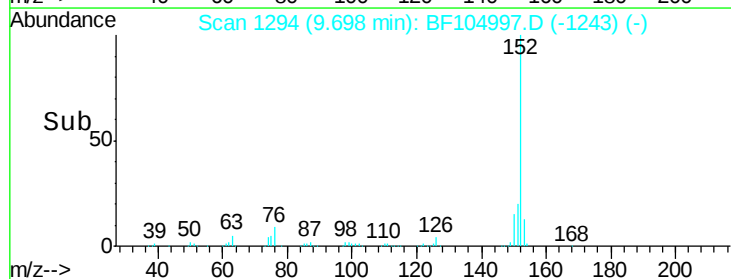
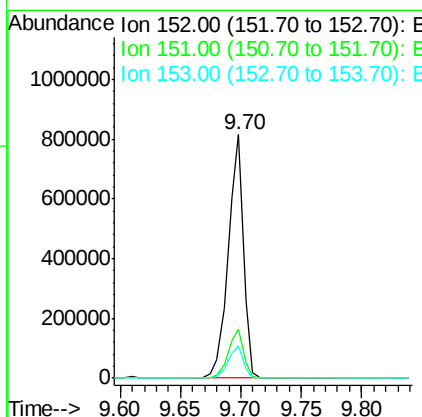
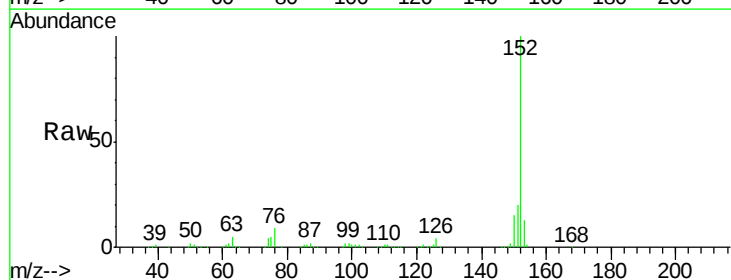
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion: 65 Resp: 141293
 Ion Ratio Lower Upper
 65 100
 92 75.4 55.8 83.6
 138 123.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 33.192 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 152 Resp: 710216
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.2 10.7 16.1

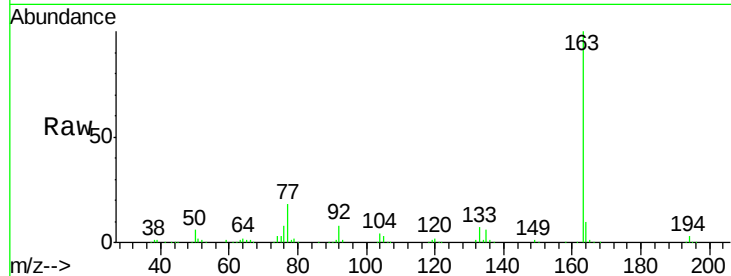




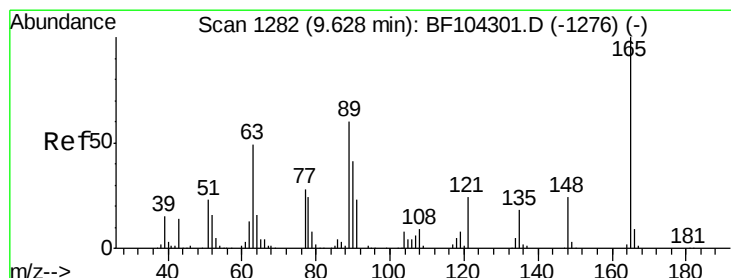
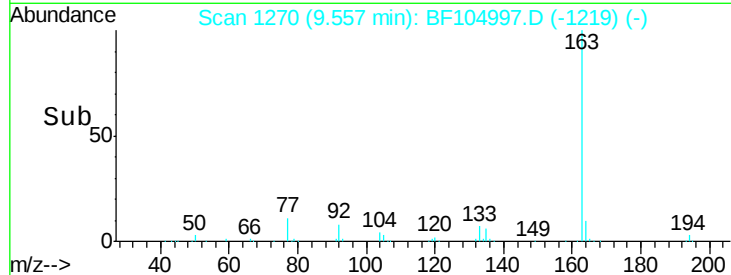
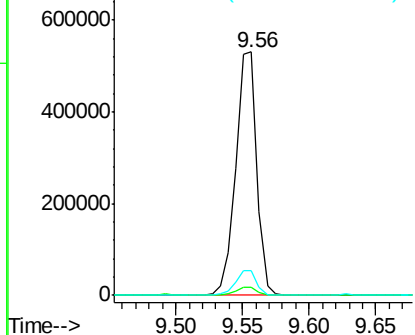
#49
Dimethylphthalate
Concen: 36.243 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:163 Resp: 587411
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

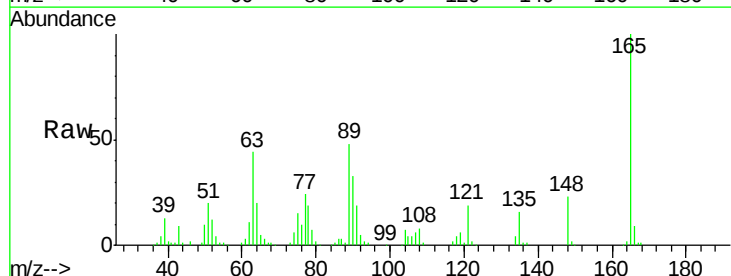


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

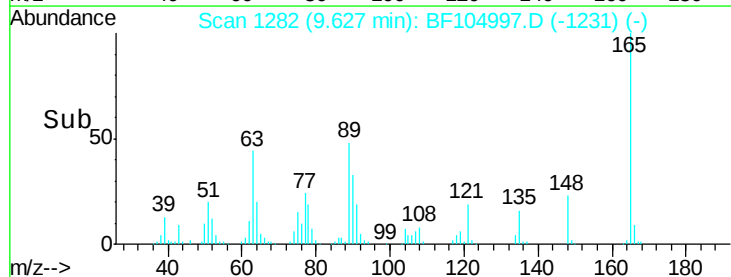
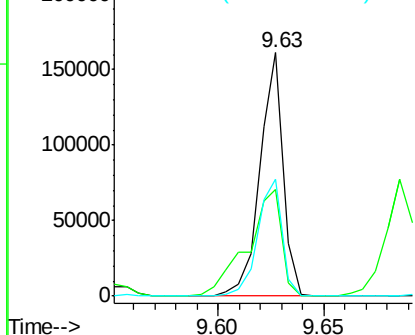


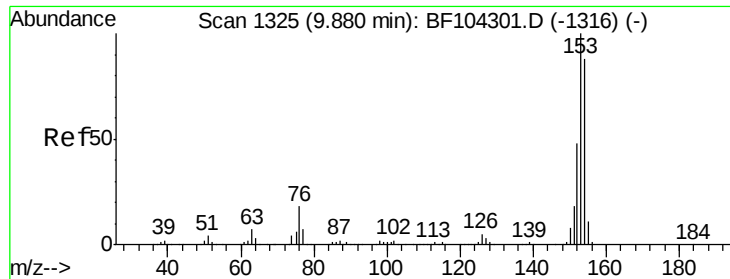
#50
2,6-Dinitrotoluene
Concen: 41.154 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:165 Resp: 123421
Ion Ratio Lower Upper
165 100
63 43.6 44.7 67.1#
89 48.2 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: 31.770 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

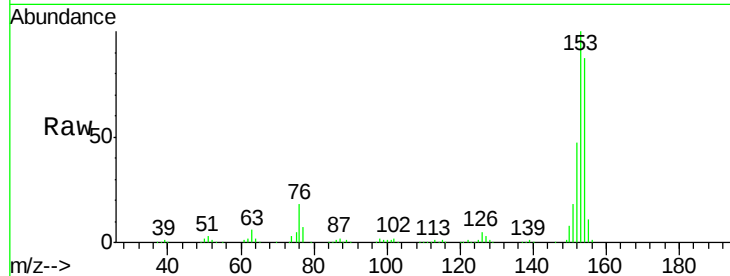
Tgt Ion:154 Resp: 414767

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

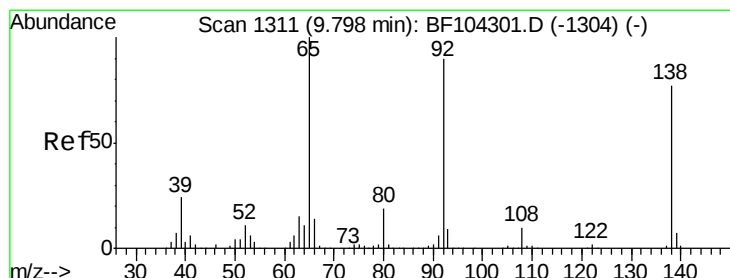
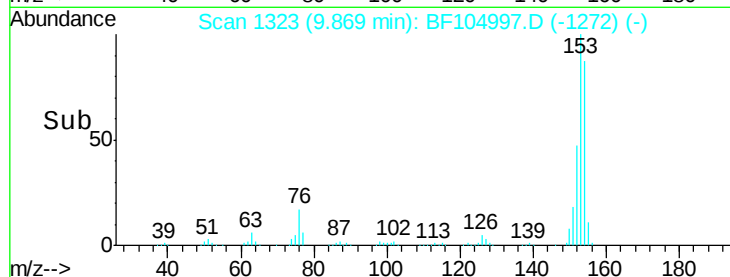
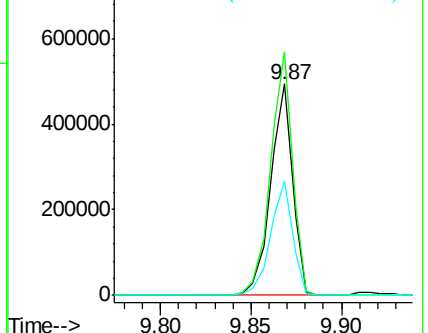
152 53.8 43.8 65.8



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: 25.775 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

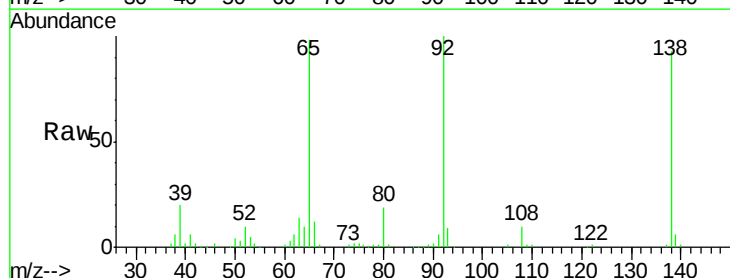
Tgt Ion:138 Resp: 90494

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

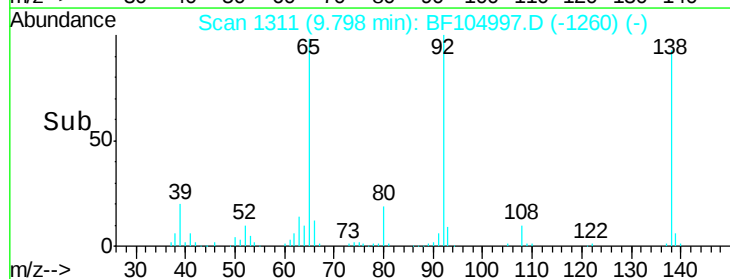
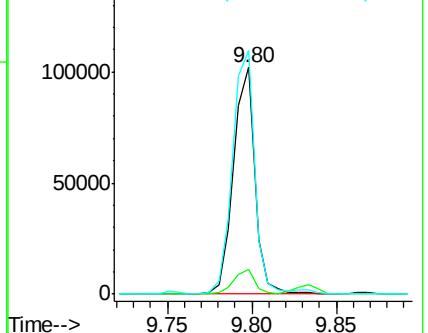
92 107.5 89.4 134.2



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

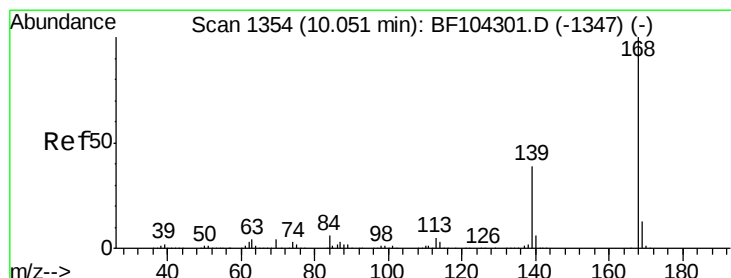
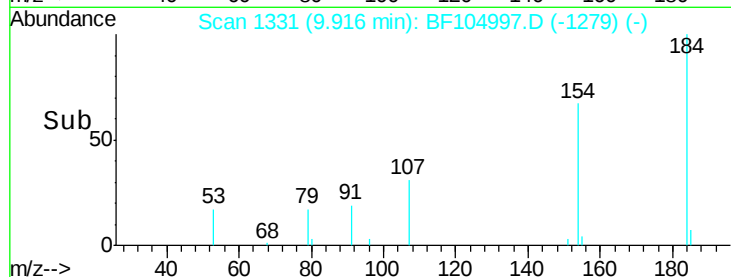
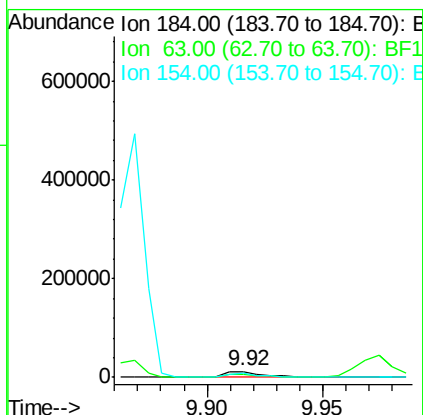
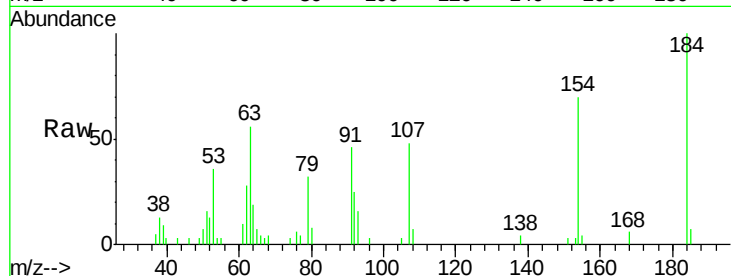




#53
 2,4-Dinitrophenol
 Concen: 21.711 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

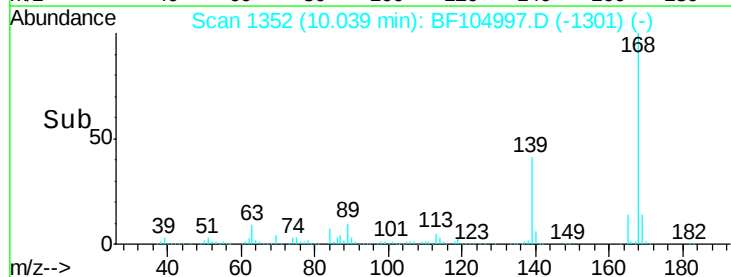
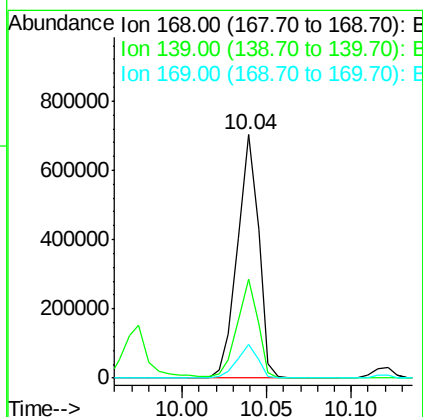
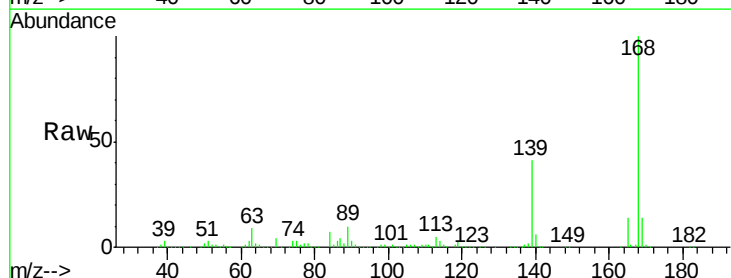
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

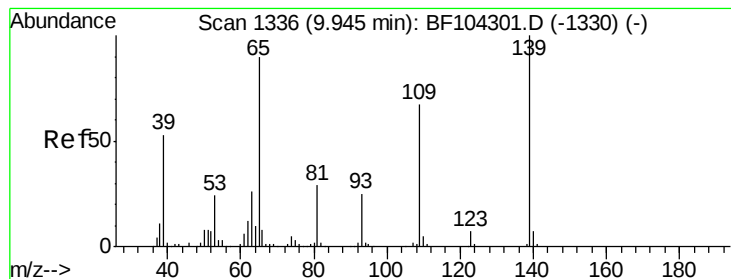
Tgt Ion:184 Resp: 15349
 Ion Ratio Lower Upper
 184 100
 63 56.4 54.2 81.2
 154 70.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.716 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:168 Resp: 613417
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 55.438 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

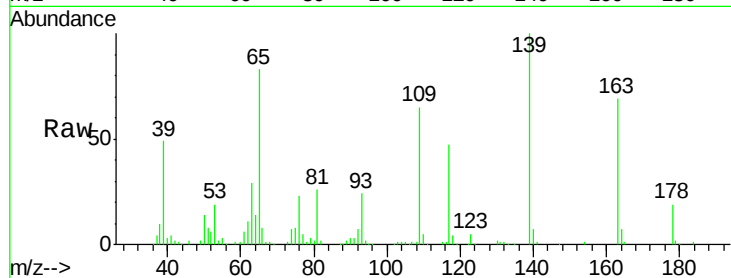
Tgt Ion:139 Resp: 152897

Ion Ratio Lower Upper

139 100

109 65.5 48.4 88.4

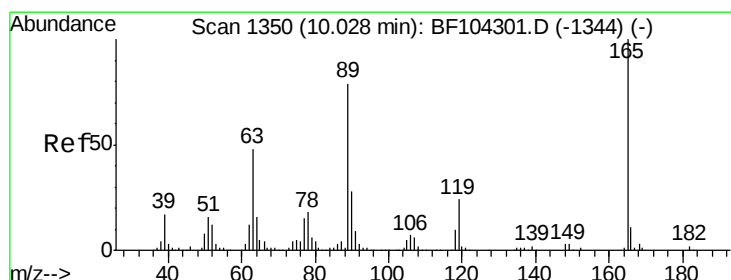
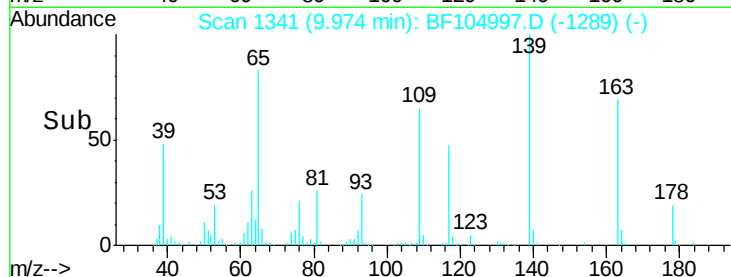
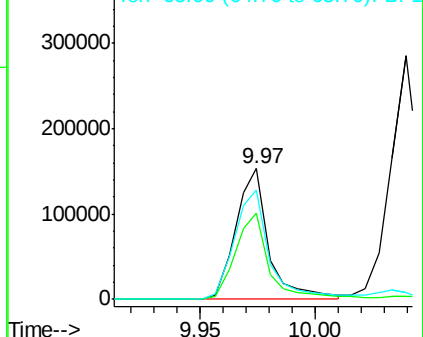
65 83.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.500 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Tgt Ion:165 Resp: 147518

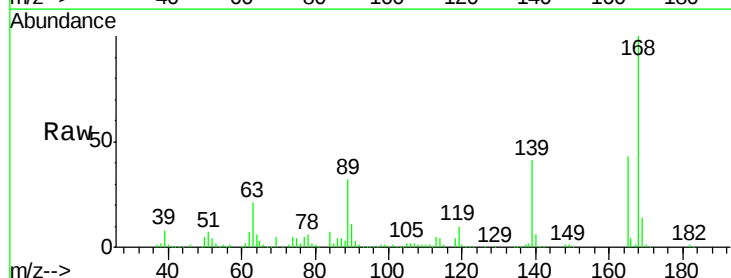
Ion Ratio Lower Upper

165 100

63 48.5 36.4 54.6

89 74.3 57.8 86.6

182 2.3 1.6 2.4

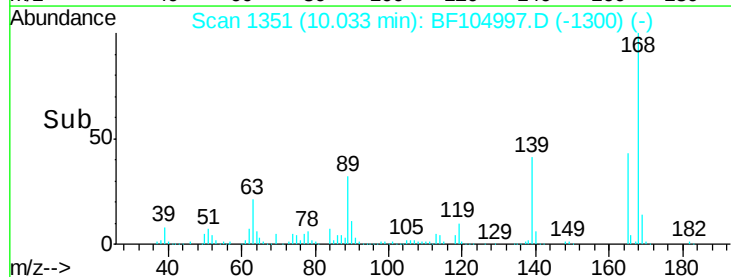
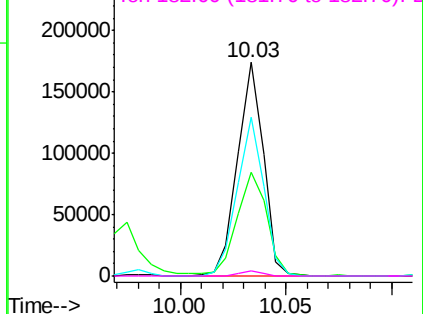


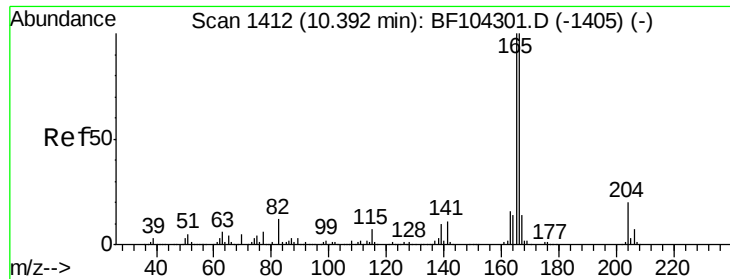
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.122 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

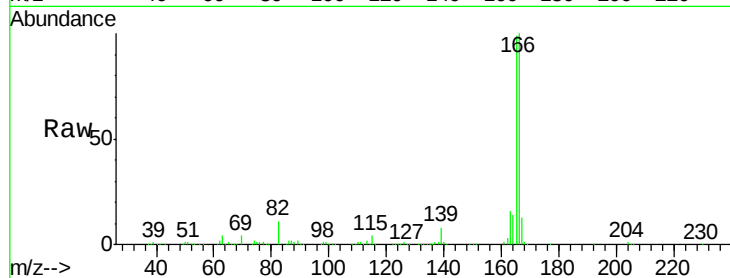
Tgt Ion:166 Resp: 491597

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

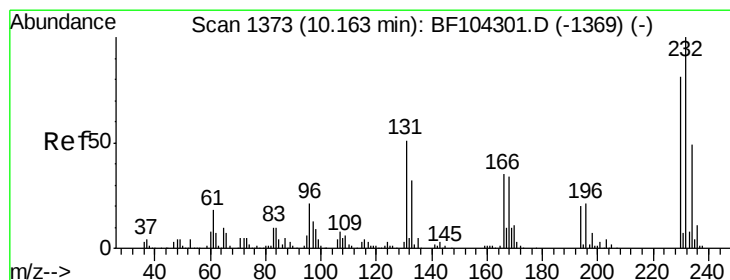
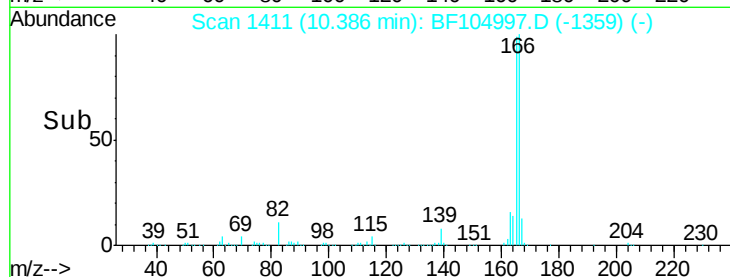
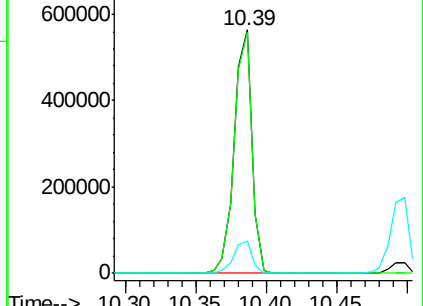
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.292 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Tgt Ion:232 Resp: 116925

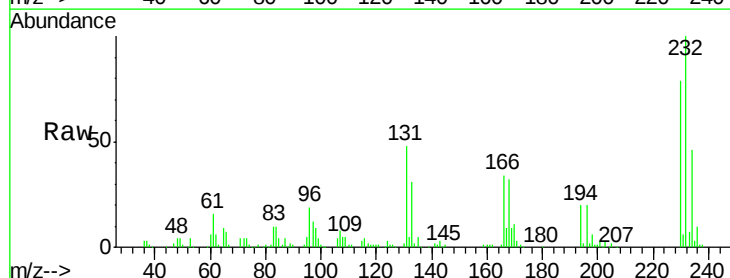
Ion Ratio Lower Upper

232 100

131 46.2 43.8 65.8

130 2.2 2.1 3.1

166 33.2 27.8 41.6

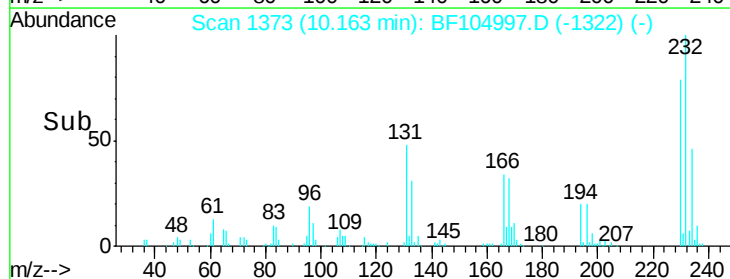
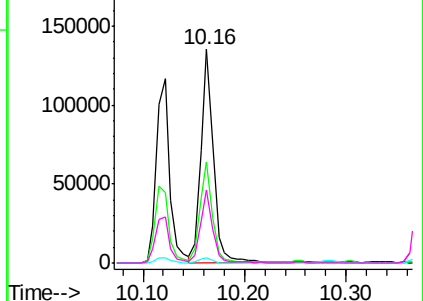


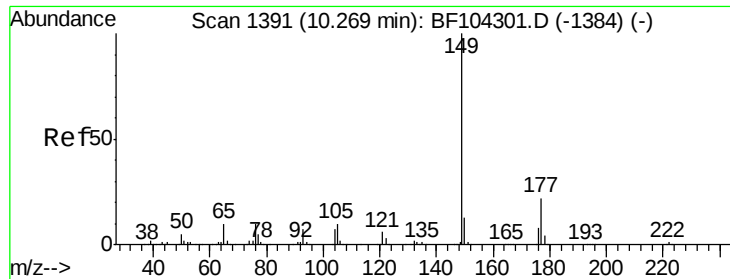
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

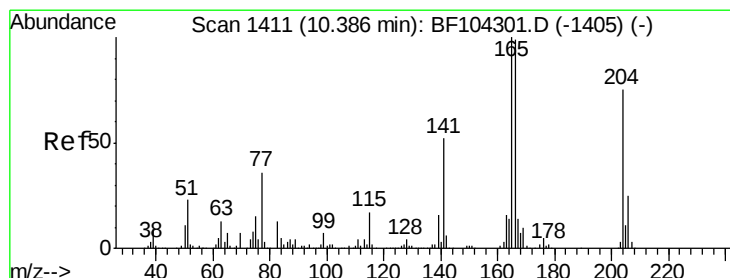
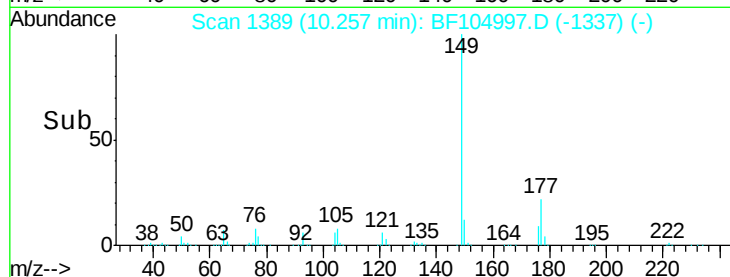
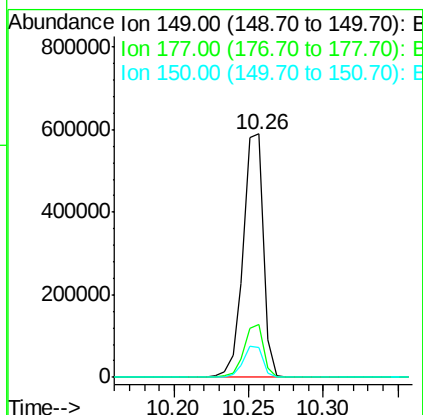
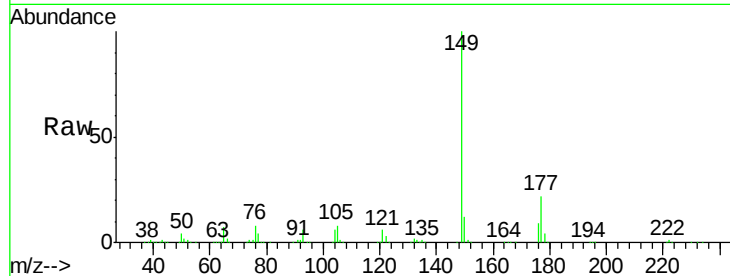




#59
Diethylphthalate
Concen: 34.203 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

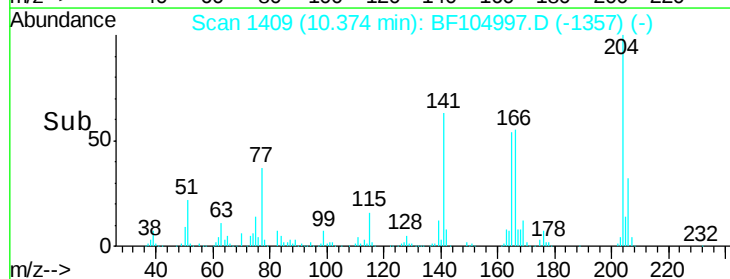
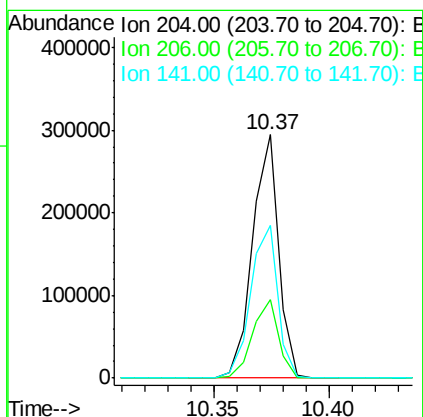
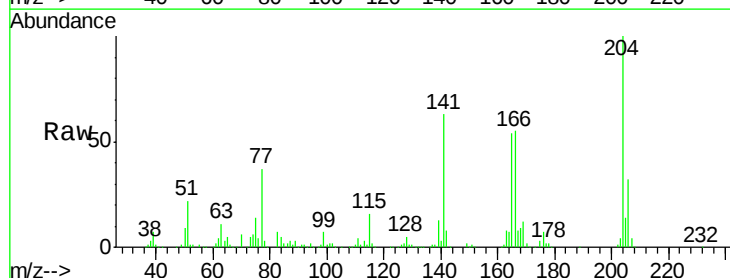
Instrument :
BNA_F
ClientSampleId :
PB108628BS

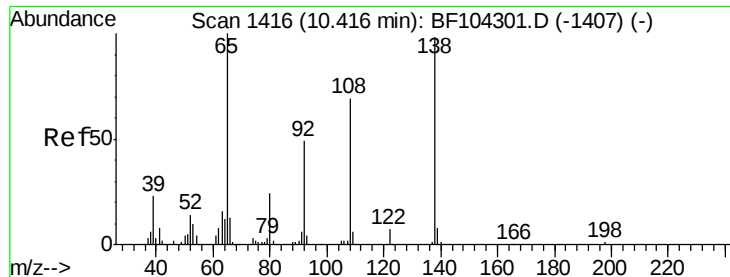
Tgt Ion:149 Resp: 552085
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.651 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:204 Resp: 233845
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 62.8 54.6 81.8





#61

4-Nitroaniline

Concen: 34.576 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

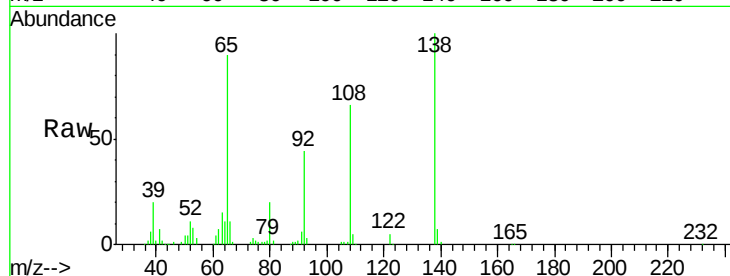
Tgt Ion:138 Resp: 118696

Ion Ratio Lower Upper

138 100

92 43.7 30.2 70.2

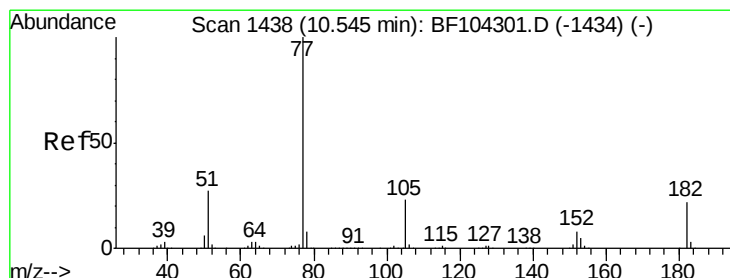
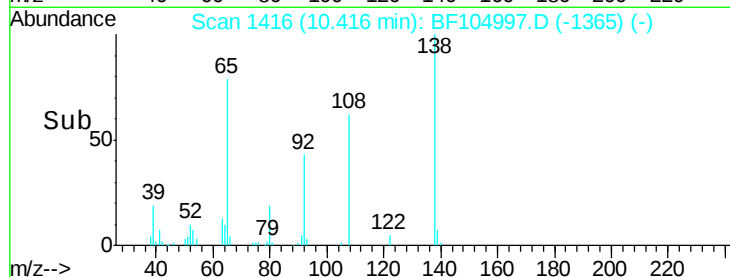
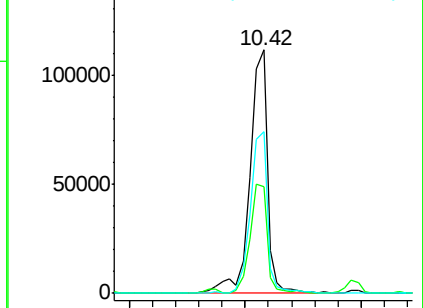
108 66.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.113 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Tgt Ion: 77 Resp: 479800

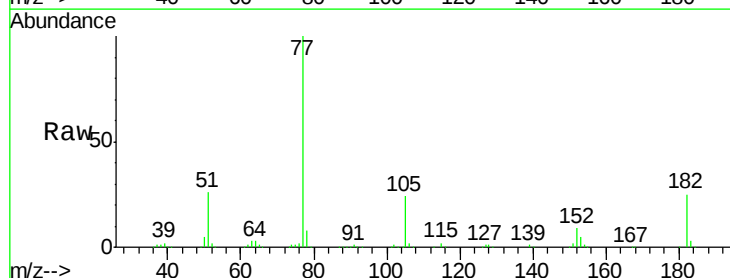
Ion Ratio Lower Upper

77 100

182 24.7 1.7 41.7

105 23.5 3.0 43.0

51 25.6 9.9 49.9

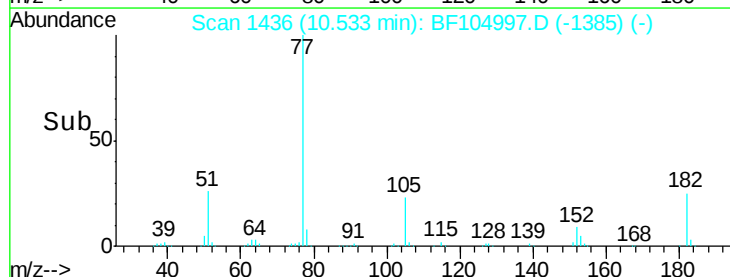
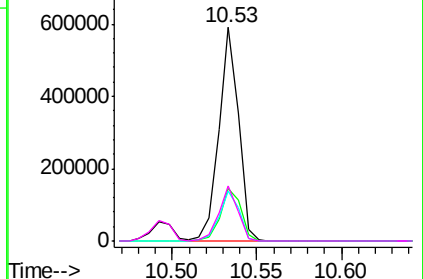


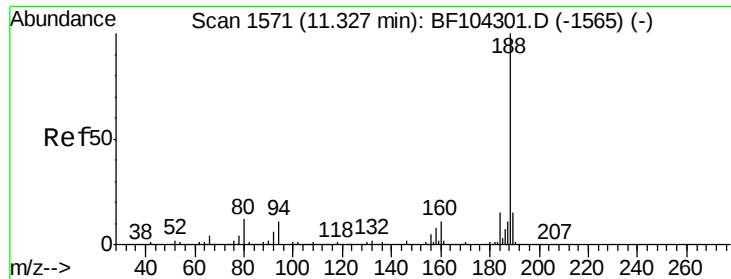
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

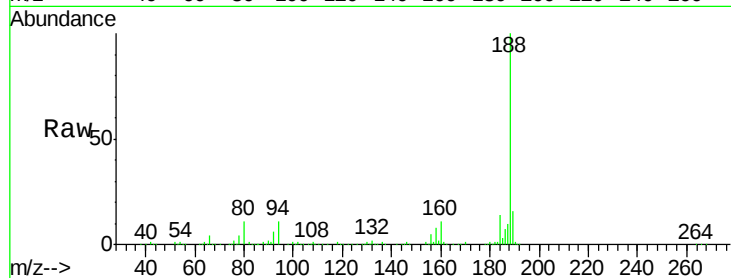




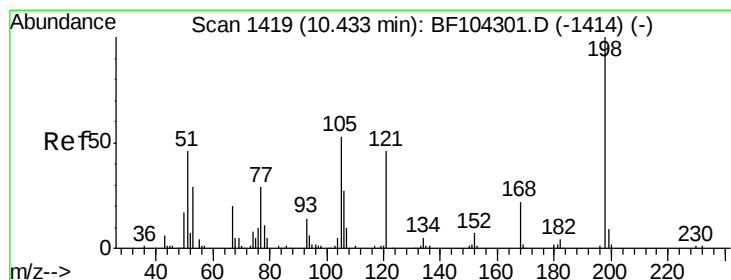
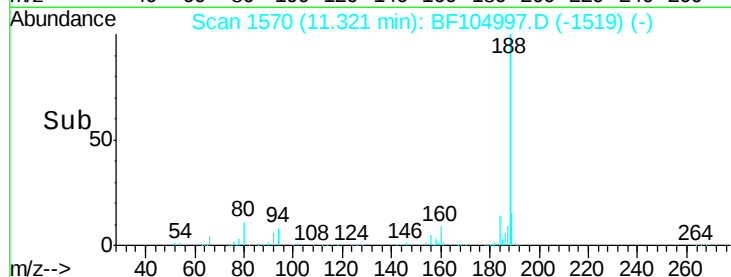
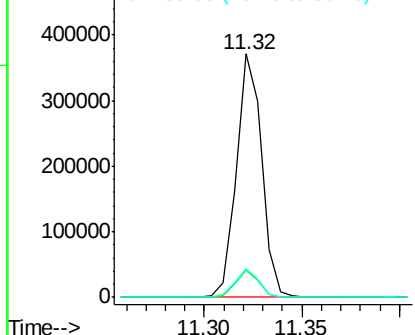
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:188 Resp: 332535
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.5 9.2 13.8

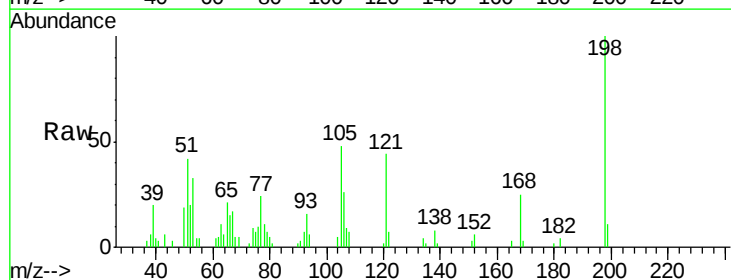


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

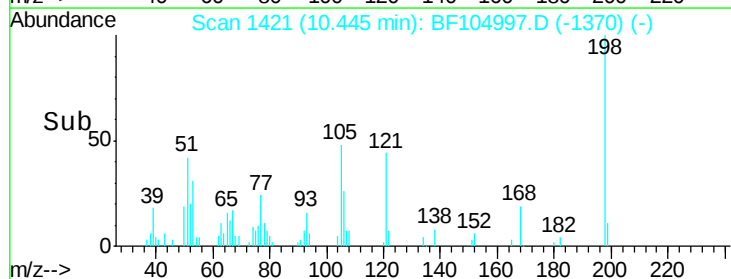
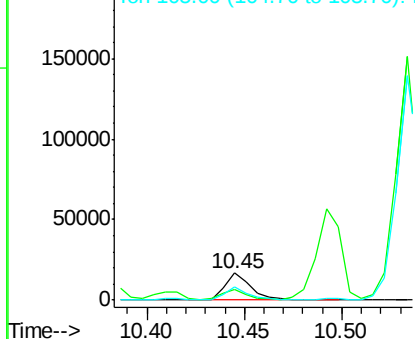


#64
4,6-Dinitro-2-methylphenol
Concen: 15.624 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:198 Resp: 15828
Ion Ratio Lower Upper
198 100
51 41.7 37.7 77.7
105 48.4 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

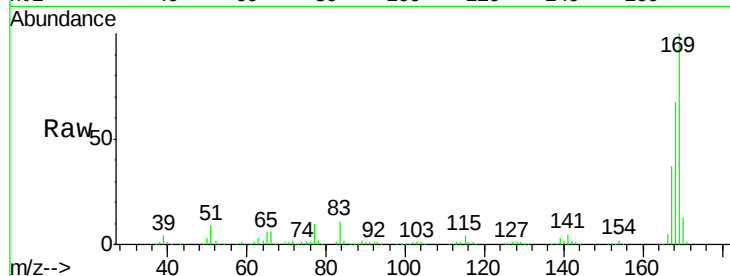




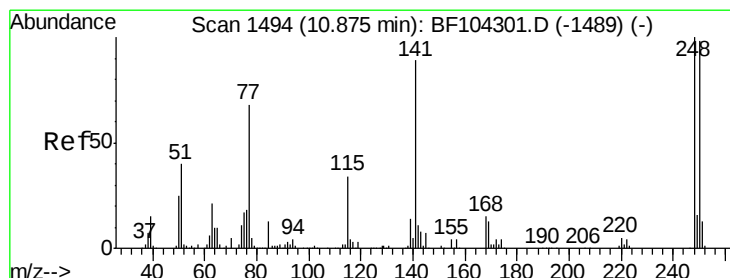
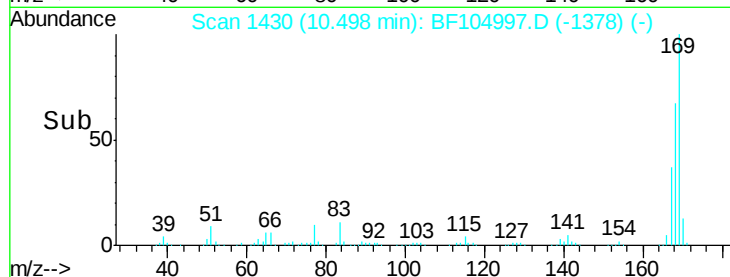
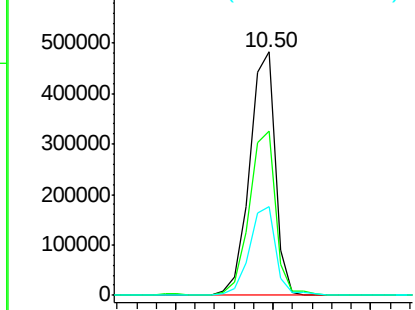
#65
 n-Nitrosodiphenylamine
 Concen: 38.199 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion:169 Resp: 440428
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.7 29.8 44.6

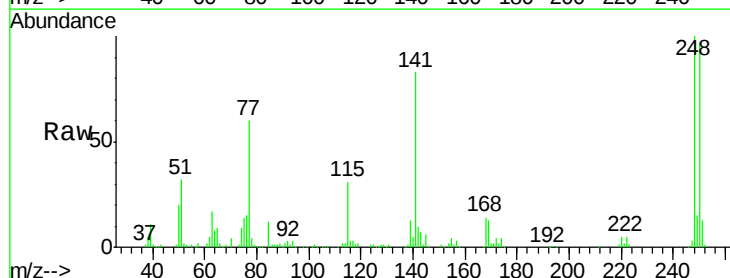


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

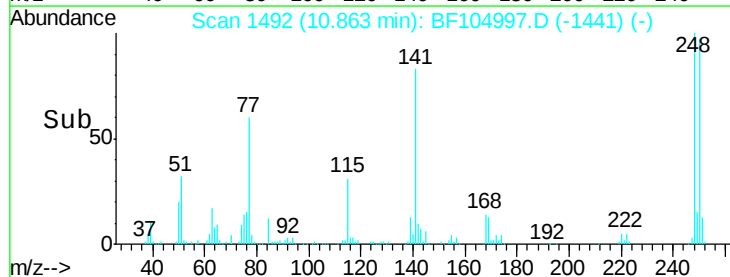
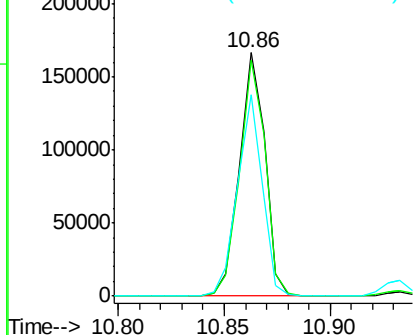


#66
 4-Bromophenyl-phenylether
 Concen: 39.464 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:248 Resp: 139590
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 82.8 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

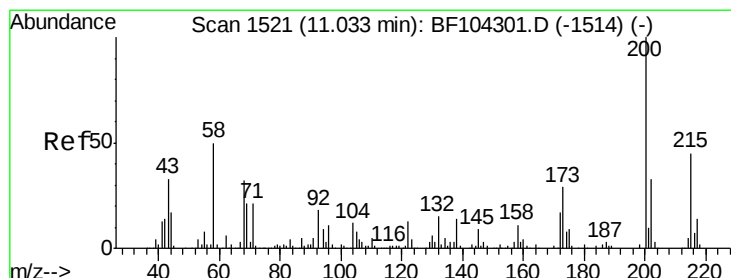
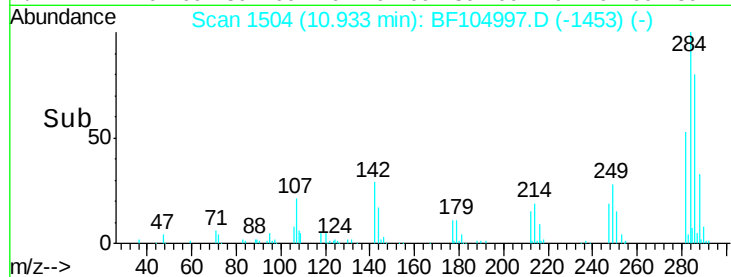
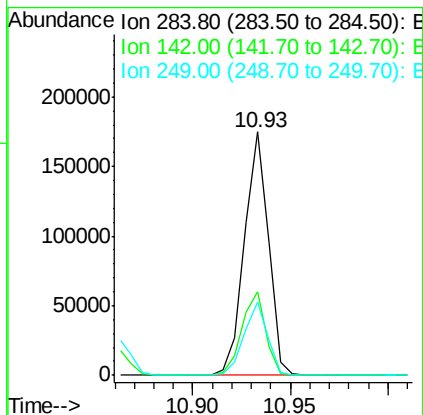
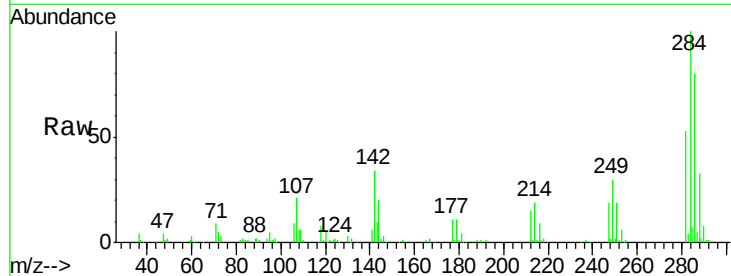




#67
Hexachlorobenzene
Concen: 37.451 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

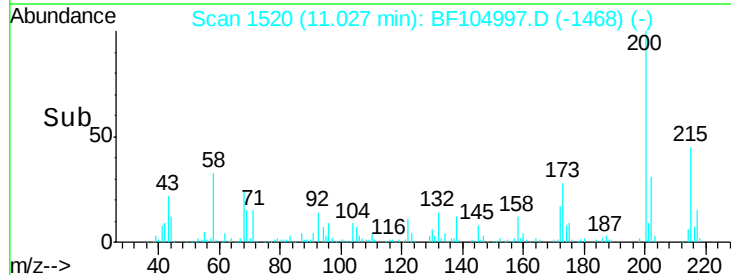
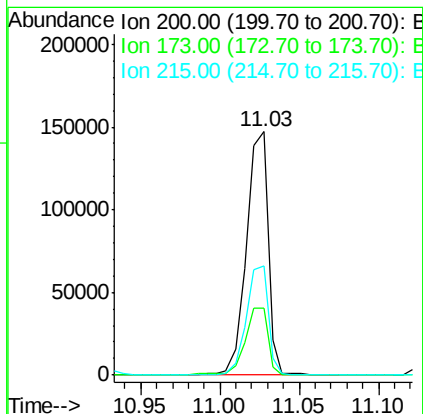
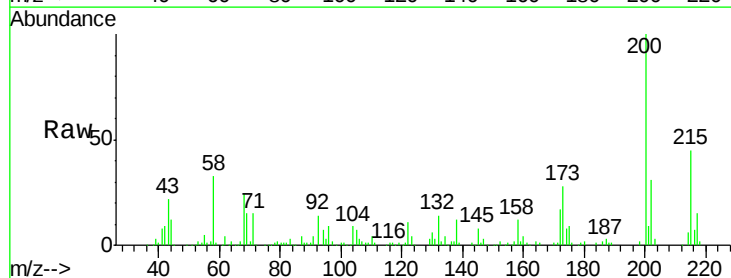
Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	34.6	52.0#
249	30.3	24.8	37.2



#68
Atrazine
Concen: 40.085 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	44.9	25.1	65.1

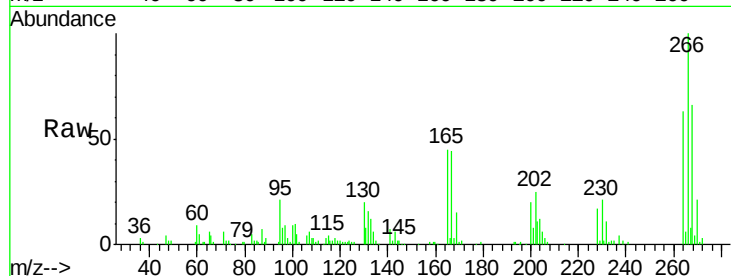




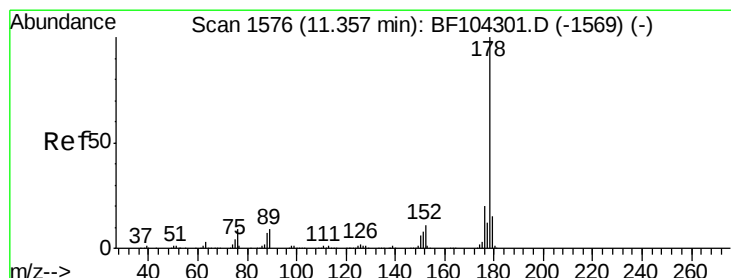
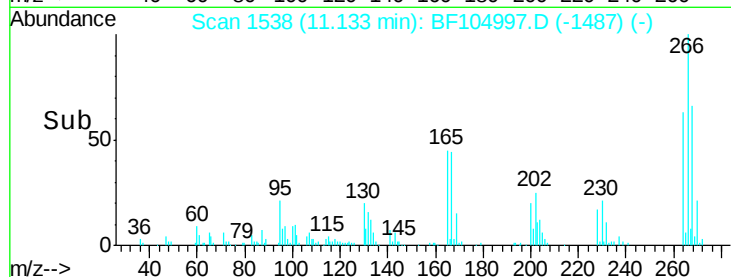
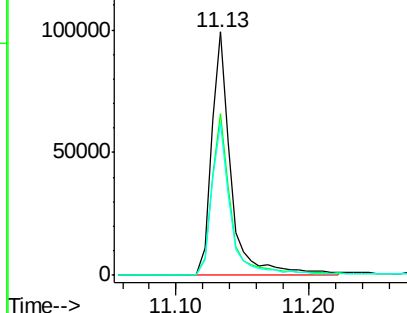
#69
 Pentachlorophenol
 Concen: 41.151 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion: 266 Resp: 101324
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 62.8 49.5 74.3

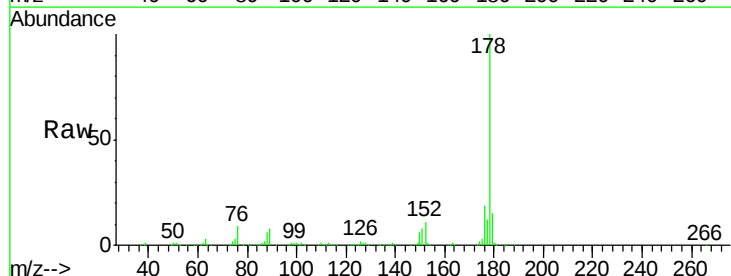


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

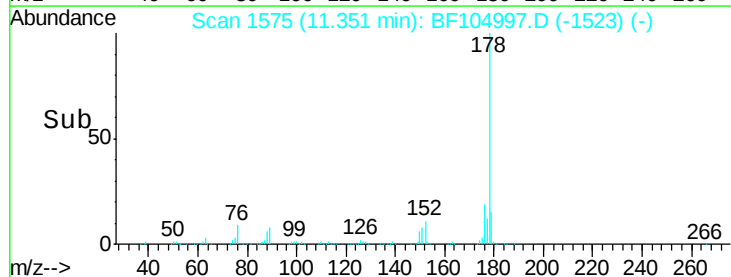
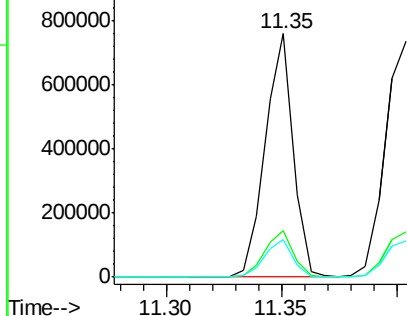


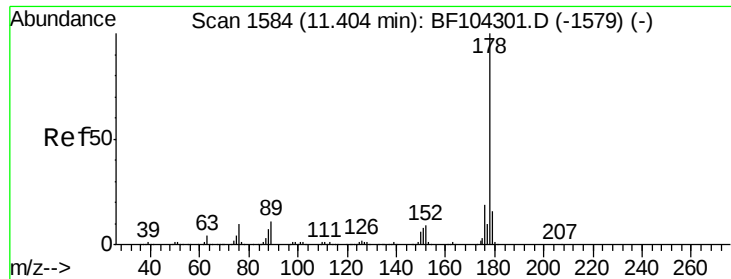
#70
 Phenanthrene
 Concen: 34.577 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 178 Resp: 640327
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 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

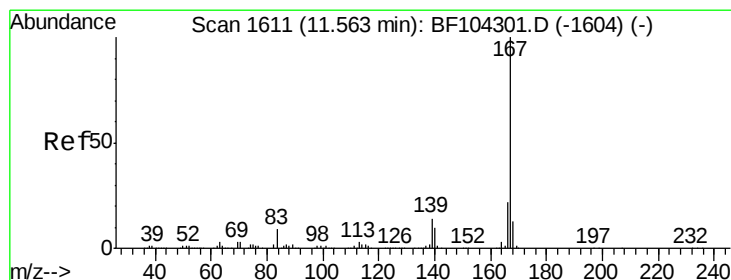
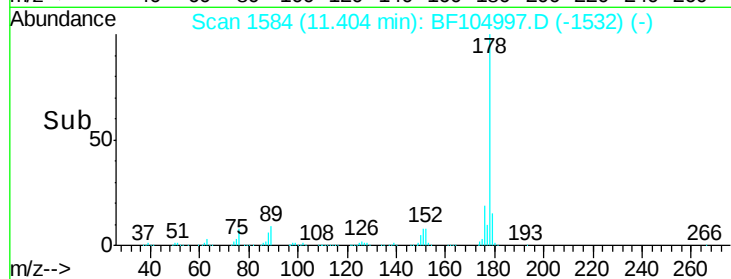
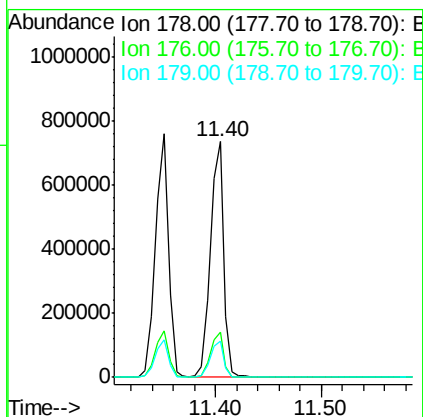
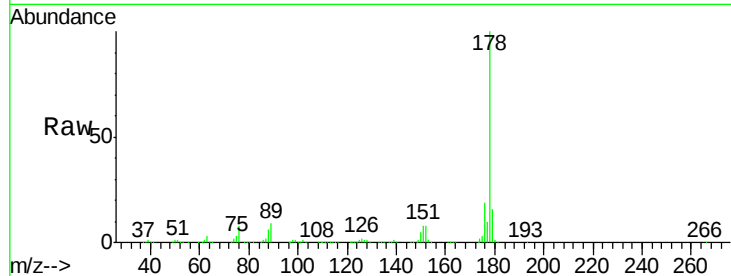




#71
 Anthracene
 Concen: 34.793 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

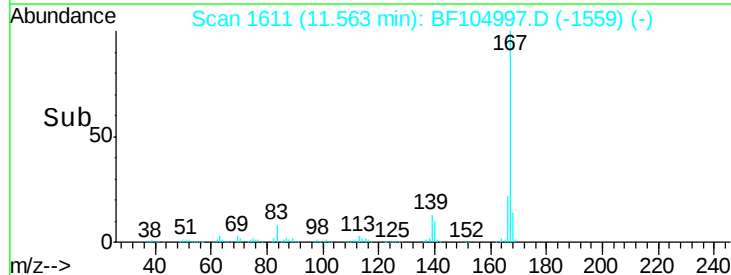
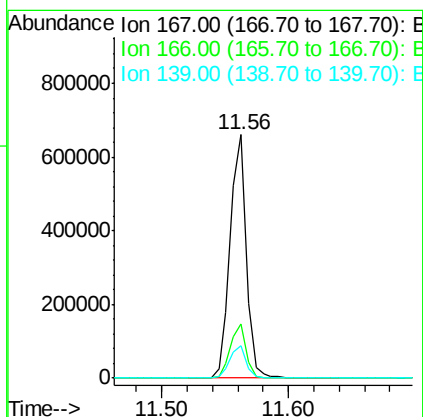
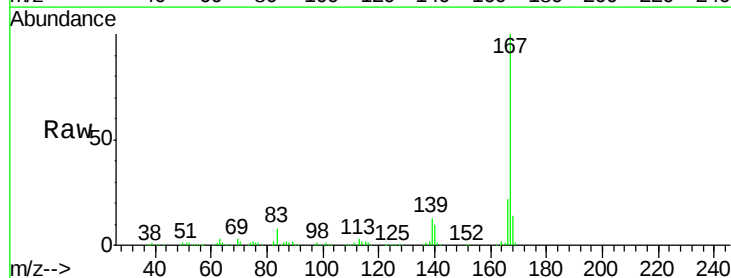
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion:178 Resp: 654951
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 31.678 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:167 Resp: 582705
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.829 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

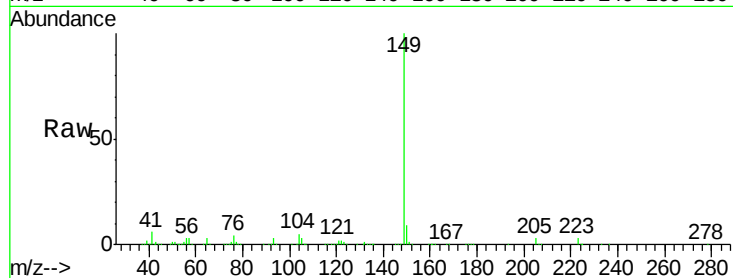
Tgt Ion:149 Resp: 805074

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

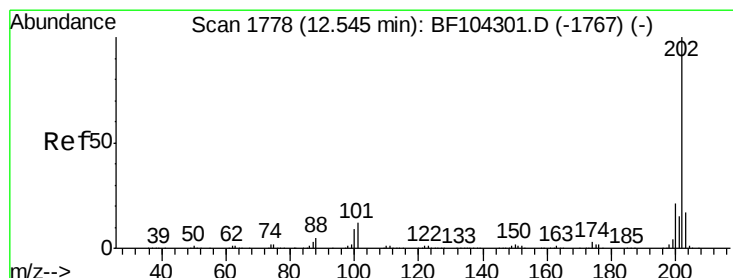
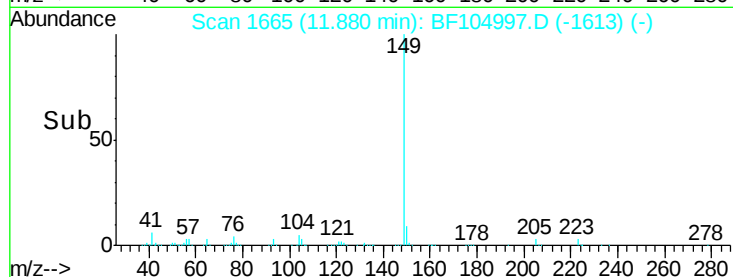
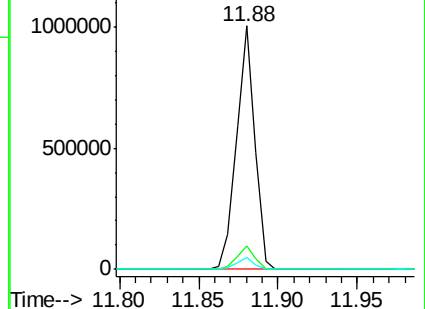
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.285 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

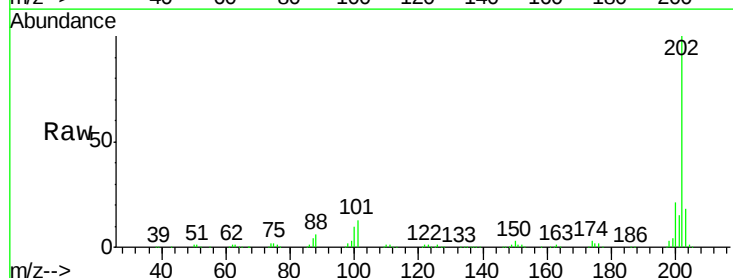
Tgt Ion:202 Resp: 566615

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

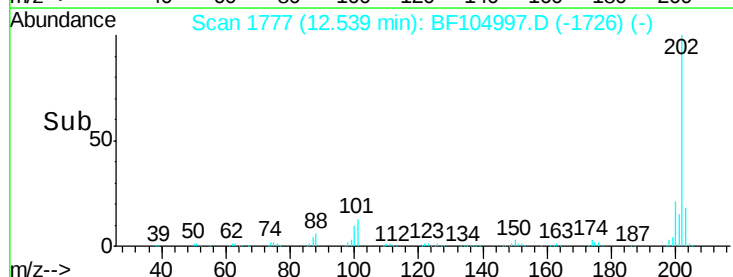
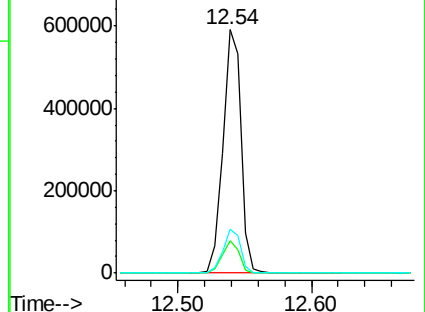
203 18.3 0.0 38.1

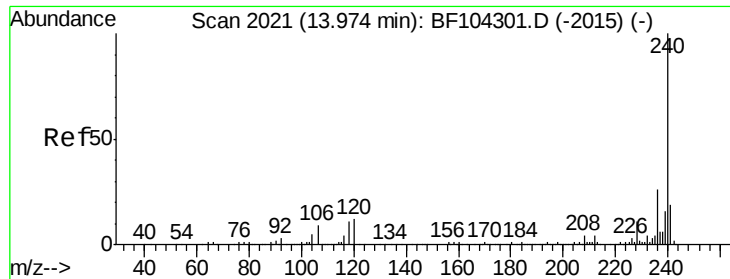


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

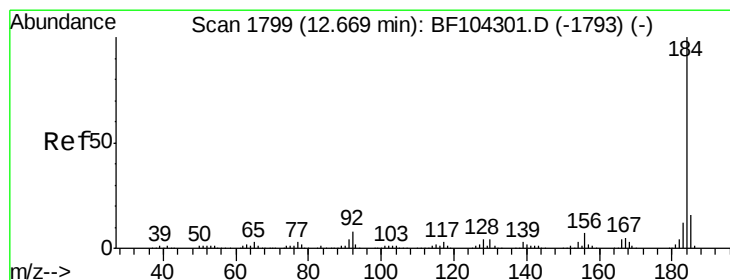
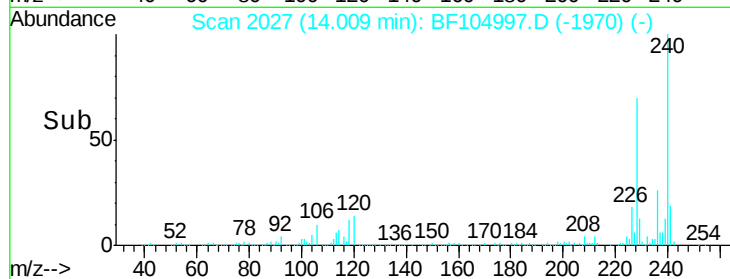
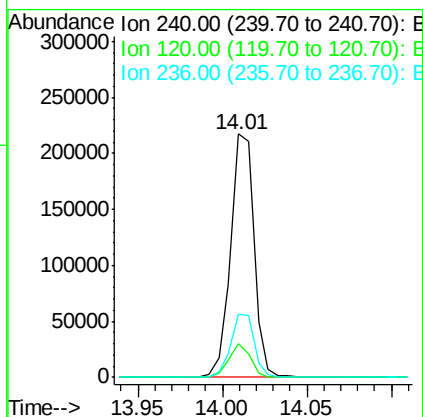
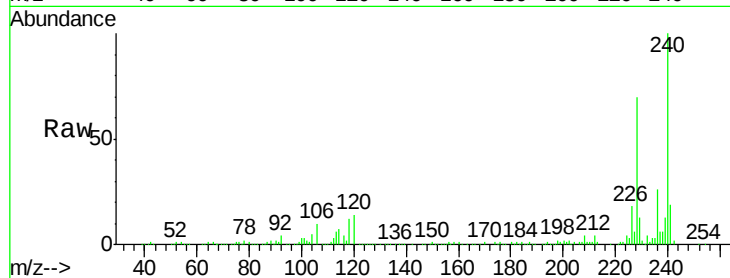




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

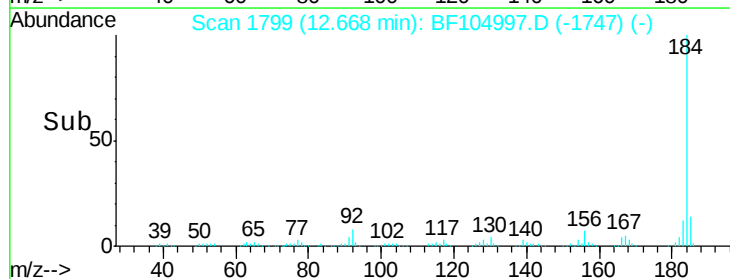
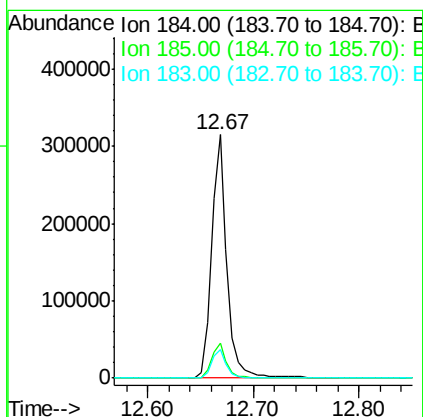
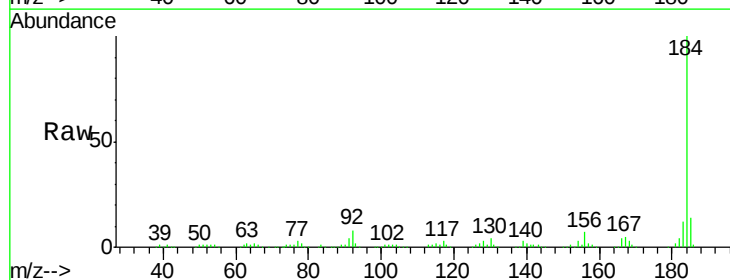
Instrument :
BNA_F
ClientSampleId :
PB108628BS

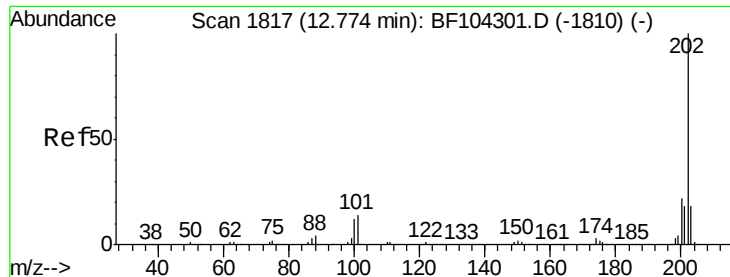
Tgt Ion: 240 Resp: 209159
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.0 20.7 31.1



#76
Benzidine
Concen: 47.484 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion: 184 Resp: 319842
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.9 9.3 13.9

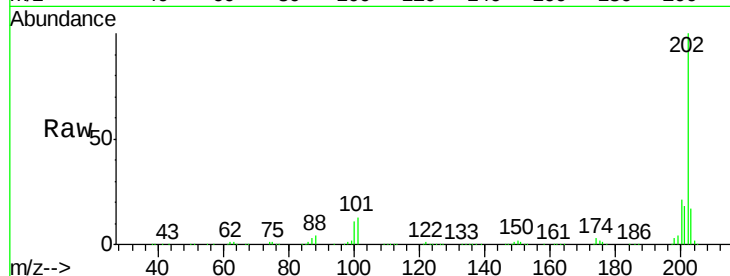




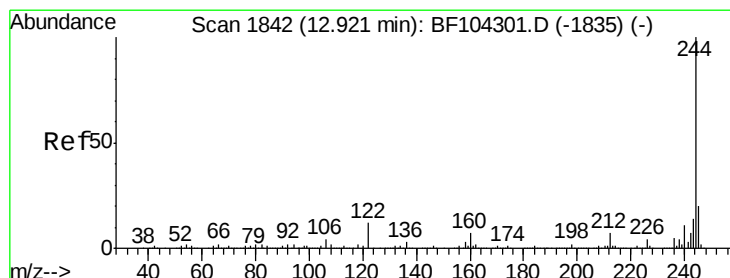
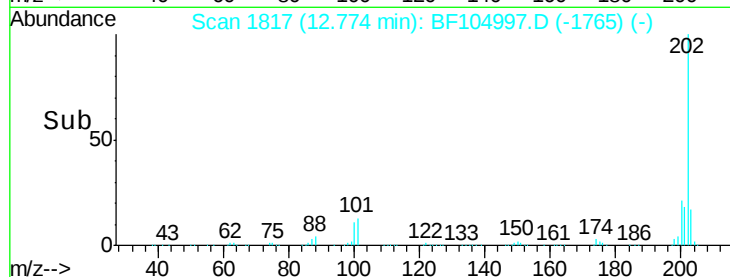
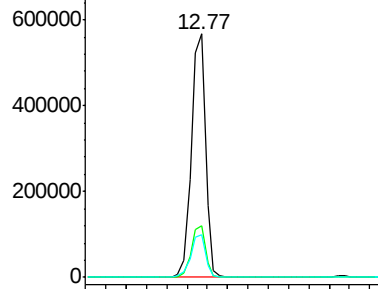
#77
 Pyrene
 Concen: 35.653 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion: 202 Resp: 552743
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 17.4 14.3 21.5

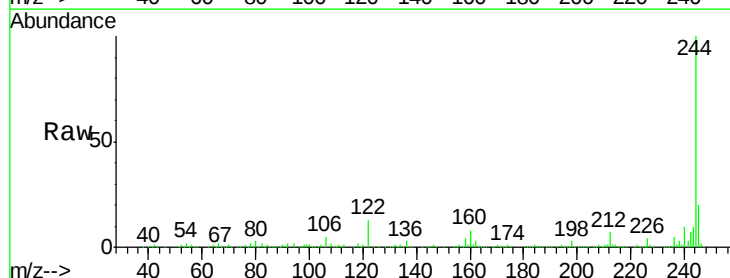


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

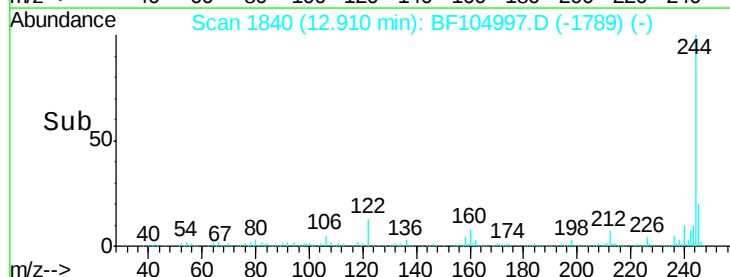
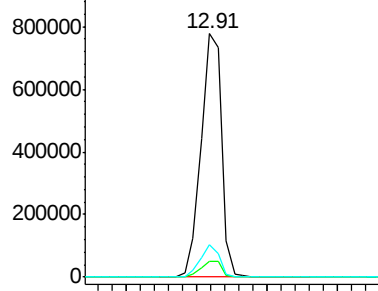


#78
 Terphenyl-d14
 Concen: 85.621 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion: 244 Resp: 785518
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.2 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

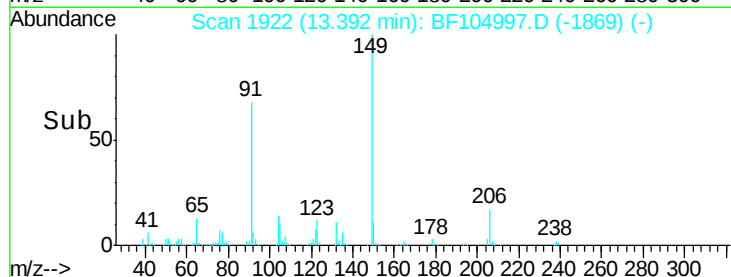
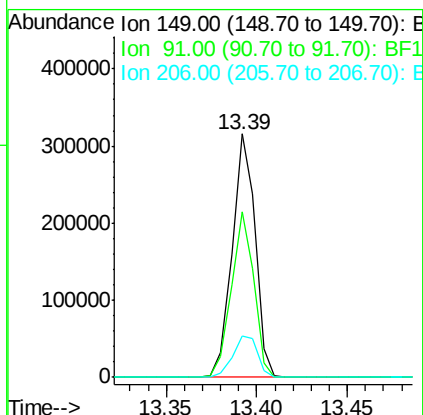
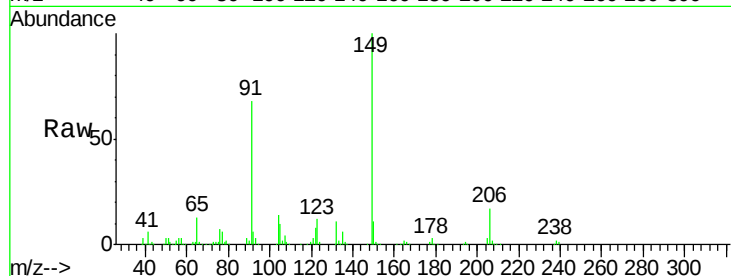




#79
Butylbenzylphthalate
Concen: 38.265 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

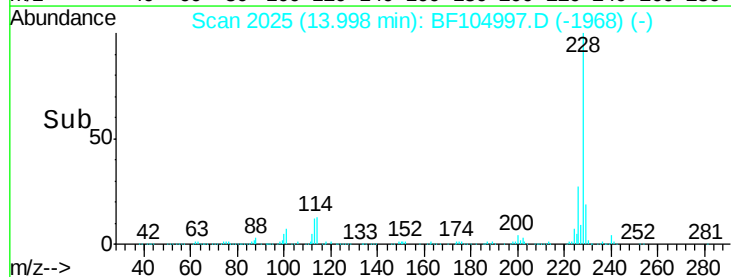
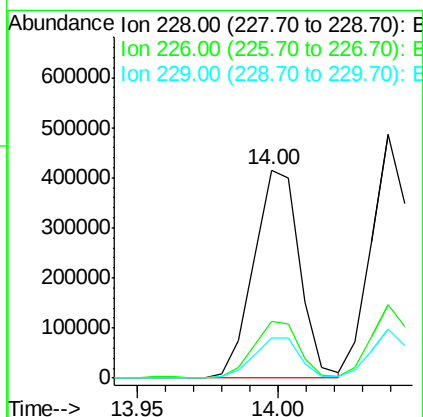
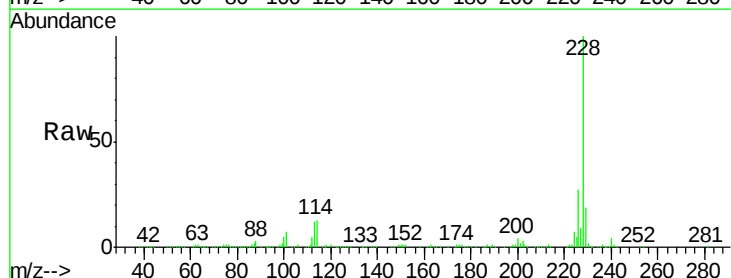
Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.8	85.2
206	17.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.463 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.04 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.5	15.8	23.6

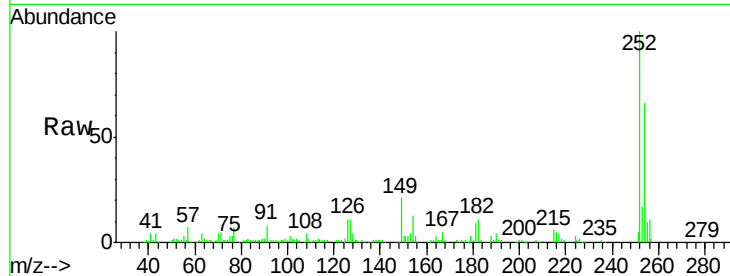




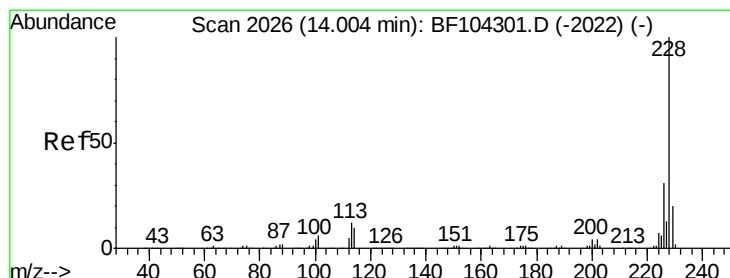
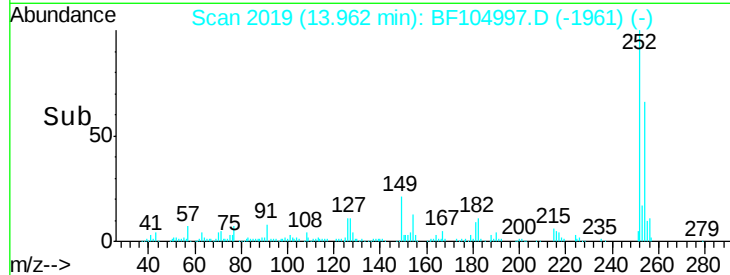
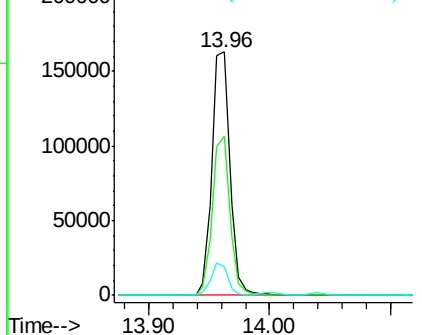
#81
 3,3'-Dichlorobenzidine
 Concen: 36.078 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.04 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BS

Tgt Ion:252 Resp: 168085
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 11.5 11.3 16.9

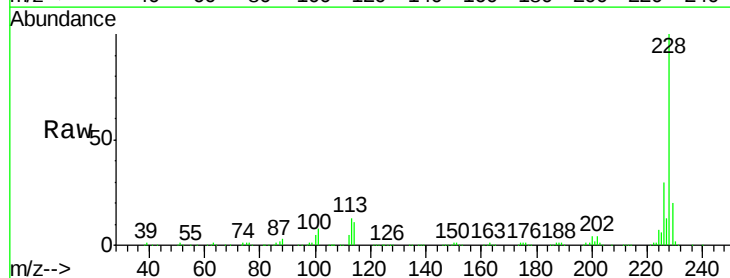


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

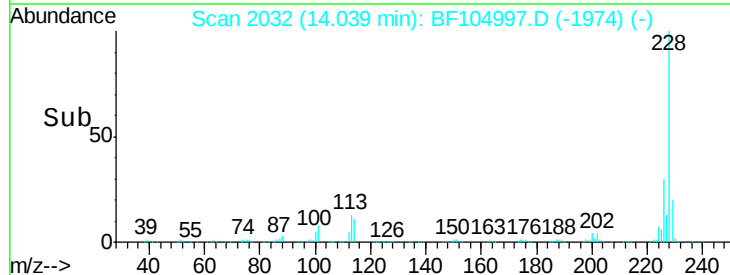
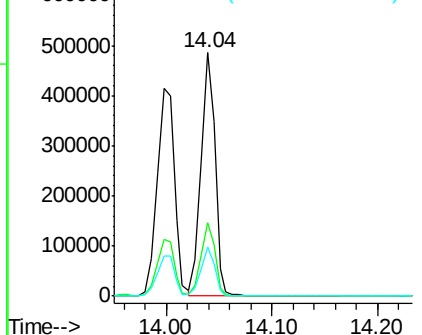


#82
 Chrysene
 Concen: 34.654 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.04 min
 Lab File: BF104997.D
 Acq: 1 May 2018 21:13

Tgt Ion:228 Resp: 444772
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.1 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: 41.813 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.04 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

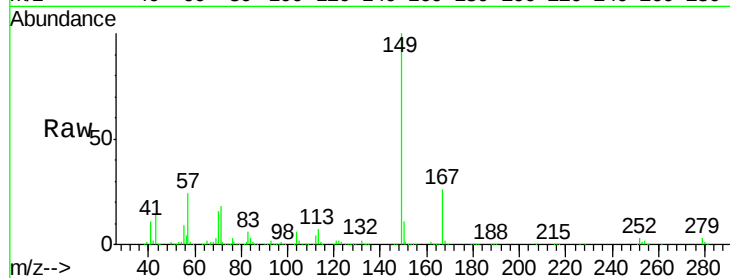
Tgt Ion:149 Resp: 392817

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

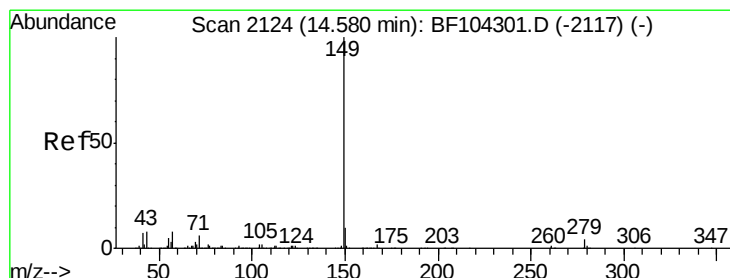
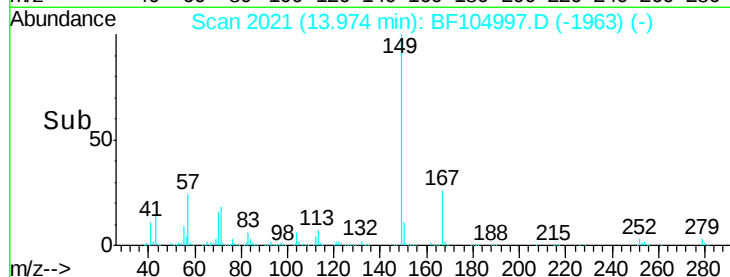
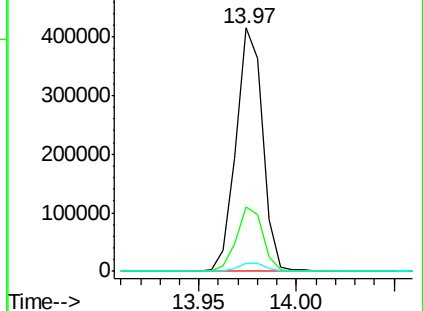
279 3.1 3.0 4.4



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: 39.030 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.10 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

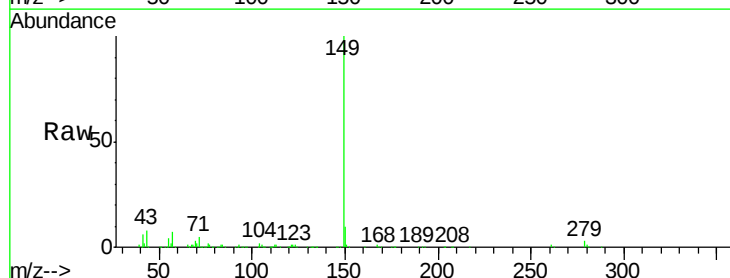
Tgt Ion:149 Resp: 612692

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

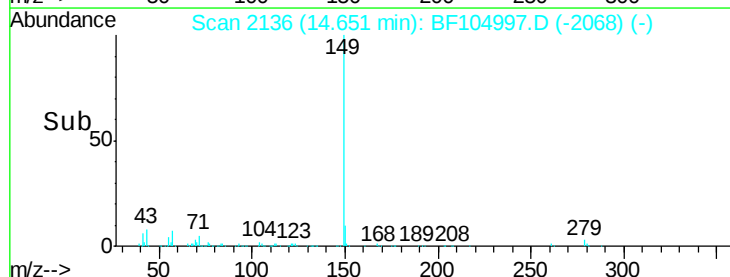
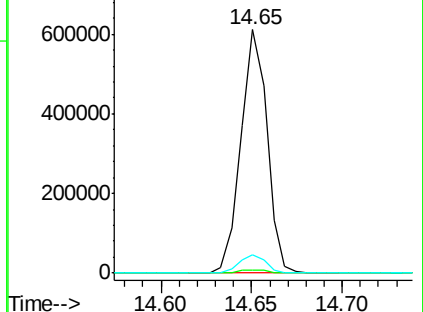
43 7.6 8.4 12.6#

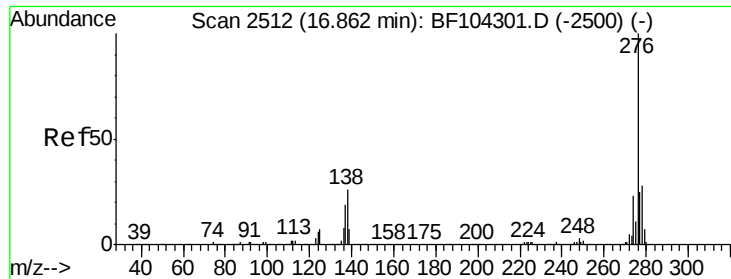


Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.070 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.15 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

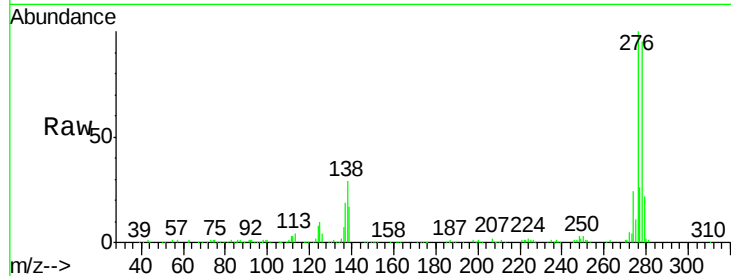
Tgt Ion:276 Resp: 371458

Ion Ratio Lower Upper

276 100

138 27.7 25.0 37.6

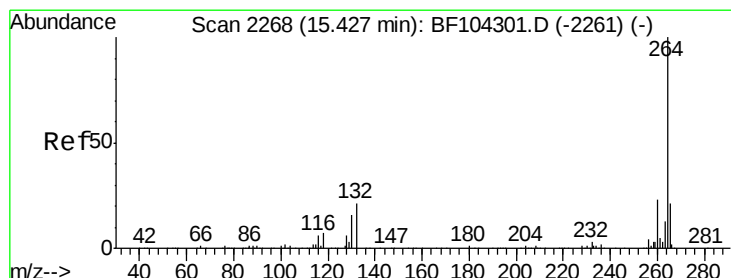
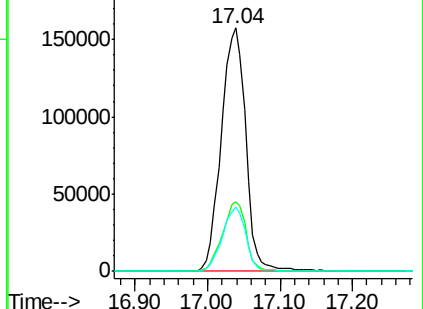
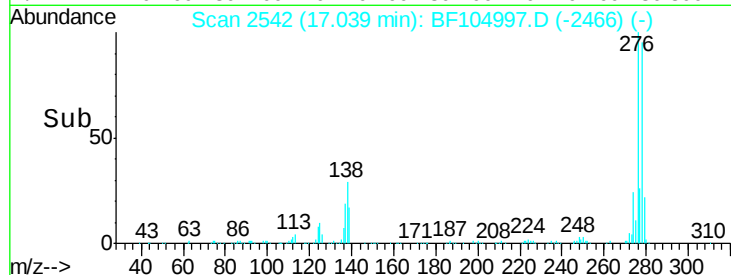
277 25.3 20.1 30.1



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: 15.55 min Scan# 2289

Delta R.T. 0.12 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

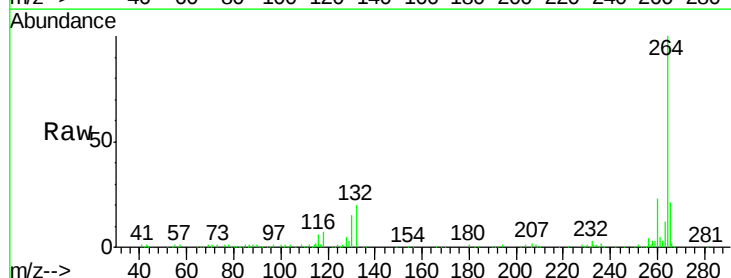
Tgt Ion:264 Resp: 193915

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

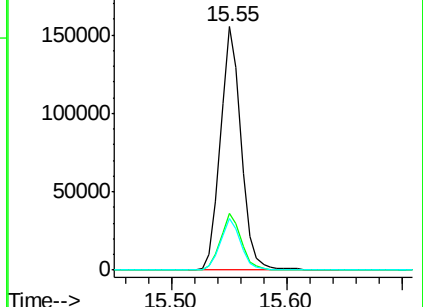
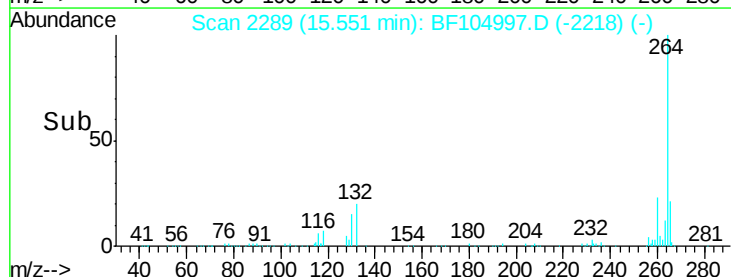
265 21.1 17.5 26.3



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

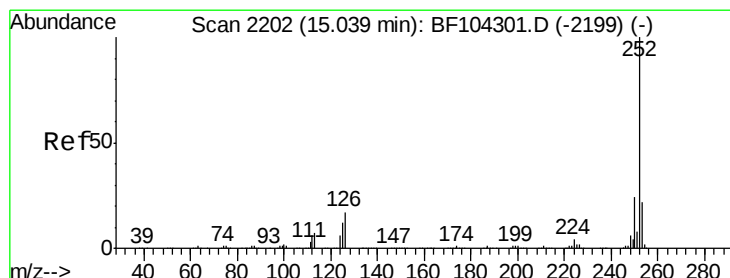
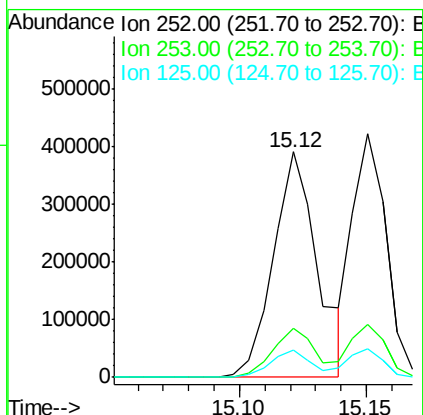
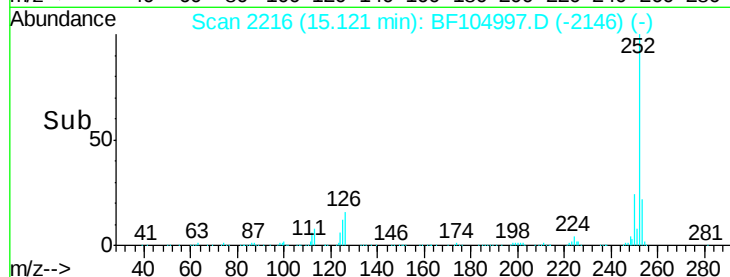
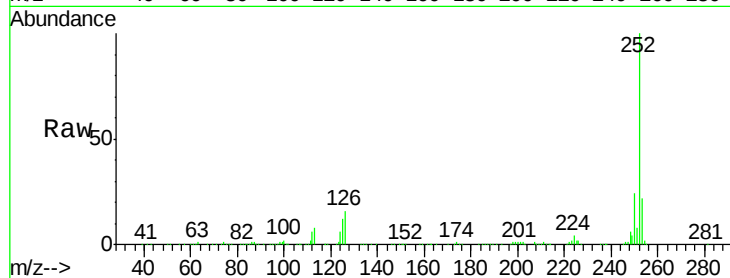




#87
Benzo(b)fluoranthene
Concen: 38.575 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.11 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

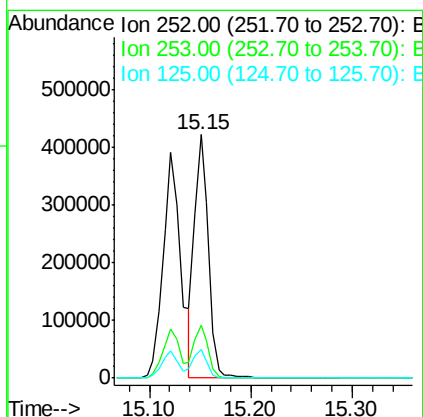
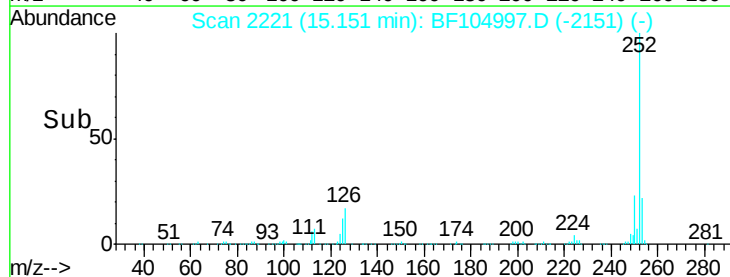
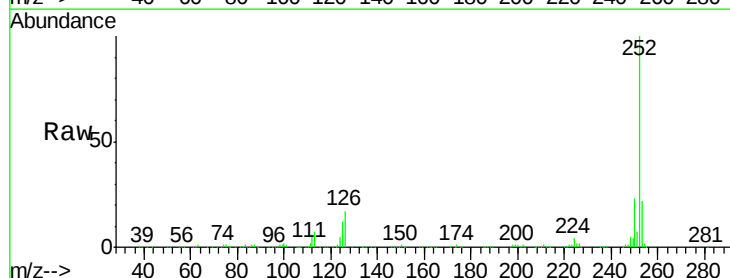
Instrument :
BNA_F
ClientSampleId :
PB108628BS

Tgt Ion:252 Resp: 472438
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.457 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.11 min
Lab File: BF104997.D
Acq: 1 May 2018 21:13

Tgt Ion:252 Resp: 398411
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.980 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.12 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

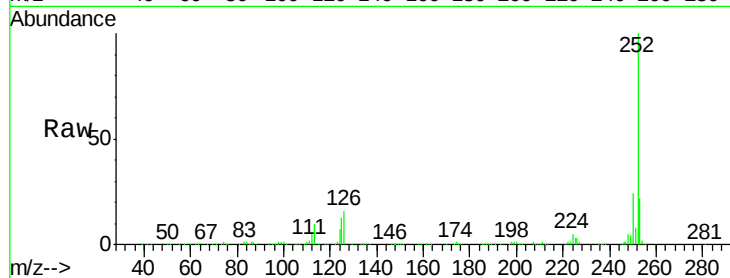
Tgt Ion:252 Resp: 405233

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

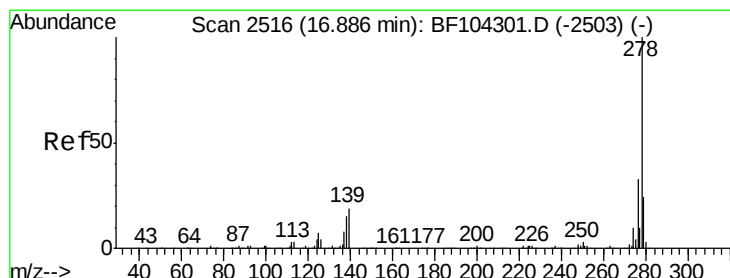
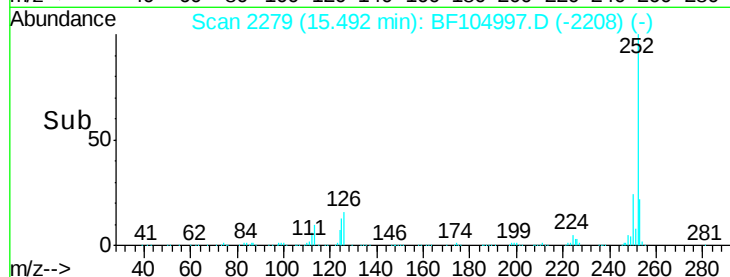
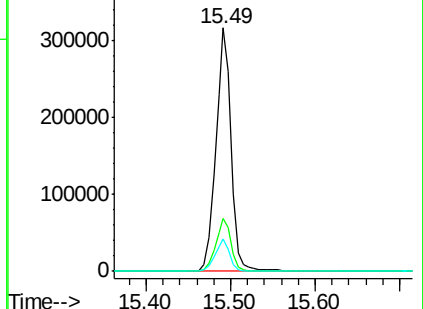
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.553 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.14 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

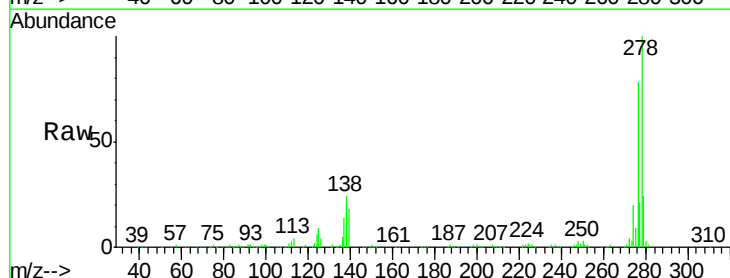
Tgt Ion:278 Resp: 319982

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

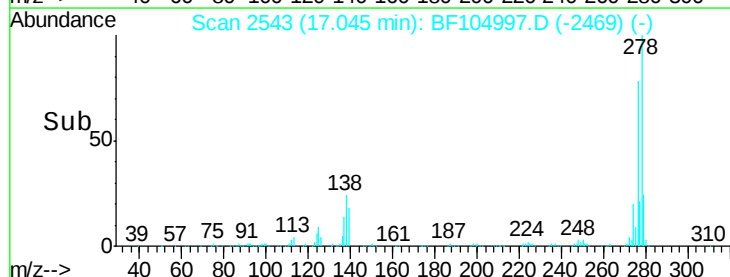
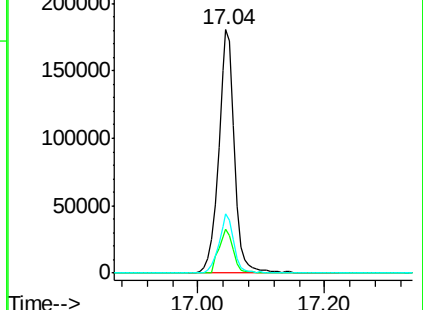
279 24.3 19.0 28.4

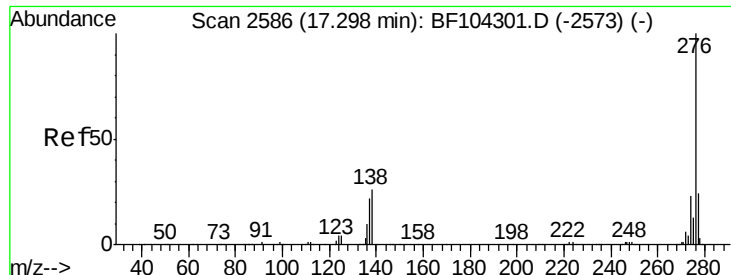


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.666 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.14 min

Lab File: BF104997.D

Acq: 1 May 2018 21:13

Instrument :

BNA_F

ClientSampleId :

PB108628BS

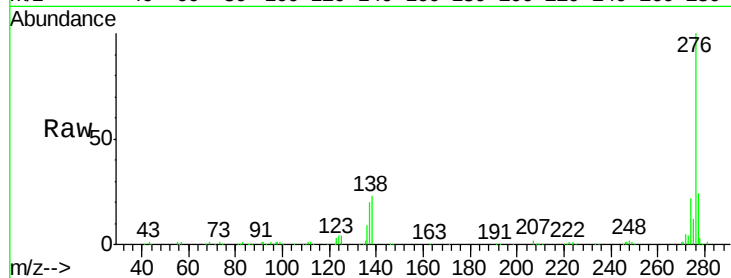
Tgt Ion: 276 Resp: 293549

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.8 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

