

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104547.D
 Acq On : 16 Apr 2018 21:47
 Operator : JU/SJ
 Sample : J2354-02MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 00:57:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149620	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	585018	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	232632	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	339911	20.00	ng	0.00
75) Chrysene-d12	13.99	240	274358	20.00	ng	0.00
86) Perylene-d12	15.46	264	204995	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	494184	50.50	ng	0.00
7) Phenol-d6	6.45	99	599223	49.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	388290	43.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	121197	50.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	680531	46.21	ng	0.00
78) Terphenyl-d14	12.93	244	491866	40.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	60866	13.349	ng	91
3) Pyridine	3.27	79	180695	14.096	ng	86
4) n-Nitrosodimethylamine	3.21	42	65116	14.531	ng	79
6) Aniline	6.47	93	162329	9.718	ng	# 81
8) 2-Chlorophenol	6.60	128	162423	15.727	ng	93
9) Benzaldehyde	6.36	77	47398	4.966	ng	98
10) Phenol	6.46	94	225783	17.699	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	157996	15.521	ng	96
12) 1,3-Dichlorobenzene	6.75	146	176590	15.093	ng	98
13) 1,4-Dichlorobenzene	6.83	146	188171	16.134	ng	98
14) 1,2-Dichlorobenzene	6.98	146	180369	16.688	ng	97
15) Benzyl Alcohol	6.95	79	147042	16.103	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	222403	16.268	ng	92
17) 2-Methylphenol	7.07	107	140838	15.688	ng	98
18) Hexachloroethane	7.32	117	59095	14.211	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	116875	14.876	ng	96
20) 3+4-Methylphenols	7.22	107	173811	15.610	ng	# 70
22) Acetophenone	7.22	105	240062	16.668	ng	# 98
24) Nitrobenzene	7.39	77	176873	17.881	ng	99
25) Isophorone	7.63	82	279230	14.739	ng	97
26) 2-Nitrophenol	7.71	139	81967	20.355	ng	94
27) 2,4-Dimethylphenol	7.75	122	131948	15.781	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	201350	17.383	ng	98
29) 2,4-Dichlorophenol	7.96	162	133427	16.725	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	144256	16.476	ng	98
31) Naphthalene	8.12	128	458316	15.733	ng	99
32) Benzoic acid	7.83	122	31837	4.772	ng	96
33) 4-Chloroaniline	8.17	127	152585	12.226	ng	96
34) Hexachlorobutadiene	8.23	225	80566	16.800	ng	99
35) Caprolactam	8.51	113	40030	14.383	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	132743	15.518	ng	95
37) 2-Methylnaphthalene	8.81	142	282629	14.999	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	124952	18.764	ng	98
40) Hexachlorocyclopentadiene	8.96	237	13146	3.526	ng	96

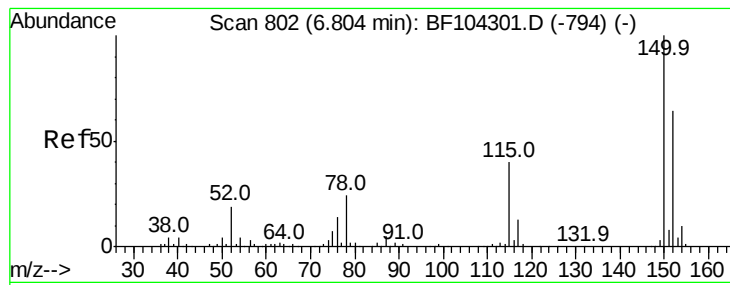
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104547.D
 Acq On : 16 Apr 2018 21:47
 Operator : JU/SJ
 Sample : J2354-02MSD 2X
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	83281	18.015	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	83446	16.131	nq	99
45) 1,1'-Biphenyl	9.27	154	357555	18.296	nq	98
46) 2-Chloronaphthalene	9.30	162	274691	17.795	nq	97
47) 2-Nitroaniline	9.39	65	83228	21.802	nq	94
48) Acenaphthylene	9.72	152	385007	15.897	nq	99
49) Dimethylphthalate	9.57	163	414532	22.597	nq	100
50) 2,6-Dinitrotoluene	9.63	165	62198	18.323	nq	98
51) Acenaphthene	9.89	154	229150	15.507	nq	98
52) 3-Nitroaniline	9.80	138	69227	17.420	nq	98
53) 2,4-Dinitrophenol	9.92	184	2216	7.489	nq	# 33
54) Dibenzofuran	10.06	168	345178	16.762	nq	100
55) 4-Nitrophenol	9.97	139	85407	27.359	nq	89
56) 2,4-Dinitrotoluene	10.04	165	71593	16.079	nq	# 93
57) Fluorene	10.40	166	242684	16.191	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	57935	15.012	nq	95
59) Diethylphthalate	10.27	149	293875	16.085	nq	100
60) 4-Chlorophenyl-phenylether	10.39	204	126531	18.955	nq	95
61) 4-Nitroaniline	10.42	138	64953	16.716	nq	92
62) Azobenzene	10.55	77	261622	14.988	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	2748	8.753	nq	87
65) n-Nitrosodiphenylamine	10.51	169	231172	19.615	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	71529	19.784	nq	# 84
67) Hexachlorobenzene	10.95	284	71345	17.537	nq	# 87
68) Atrazine	11.04	200	67217	18.895	nq	98
69) Pentachlorophenol	11.14	266	65619	26.072	nq	98
70) Phenanthrene	11.37	178	456794	24.131	nq	99
71) Anthracene	11.42	178	326744	16.981	nq	100
72) Carbazole	11.57	167	332044	17.659	nq	100
73) Di-n-butylphthalate	11.90	149	394151	17.160	nq	100
74) Fluoranthene	12.56	202	701393	35.464	nq	99
77) Pyrene	12.79	202	663113	32.607	nq	100
79) Butylbenzylphthalate	13.40	149	148622	15.513	nq	99
80) Benzo(a)anthracene	13.98	228	429690	26.216	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	78854	12.903	nq	97
82) Chrysene	14.02	228	432496	25.690	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	224541	18.221	nq	99
84) Di-n-octyl phthalate	14.59	149	356995	17.337	nq	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	246085	17.207	nq	95
87) Benzo(b)fluoranthene	15.06	252	249973	19.307	nq	97
88) Benzo(k)fluoranthene	15.06	252	249973	20.451	nq	99
89) Benzo(a)pyrene	15.40	252	282152	24.356	nq	# 96
90) Dibenzo(a,h)anthracene	16.94	278	157734	16.579	nq	97
91) Benzo(g,h,i)perylene	17.37	276	212496	23.053	nq	96

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

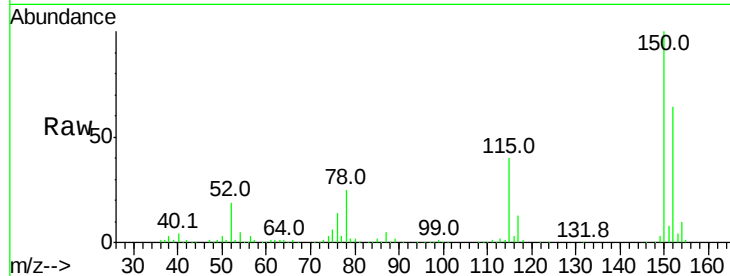


#1

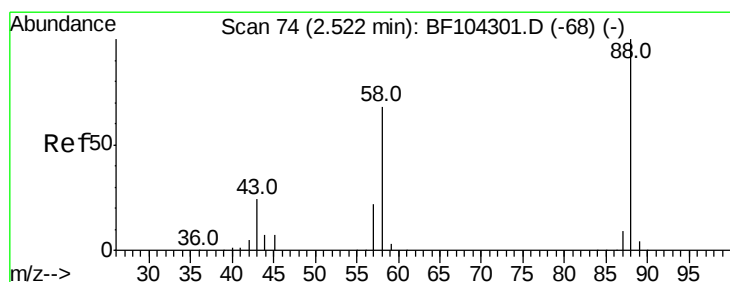
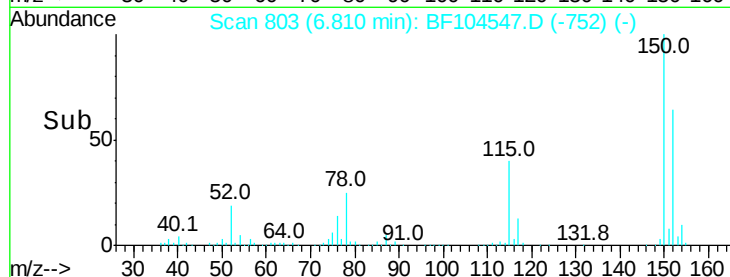
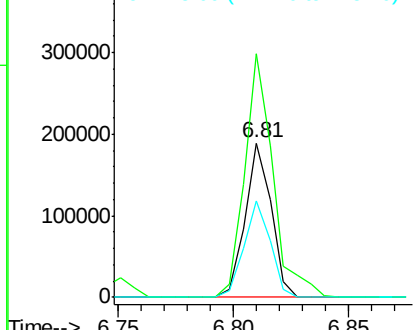
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149620
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 62.2 50.1 75.1



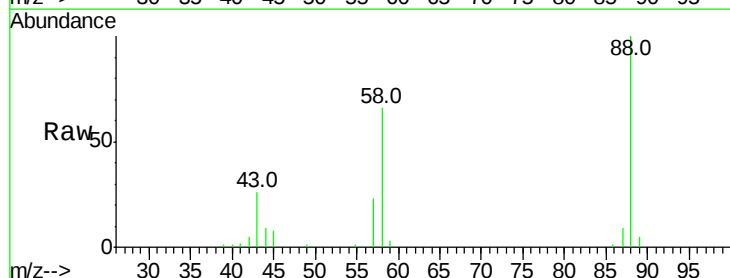
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



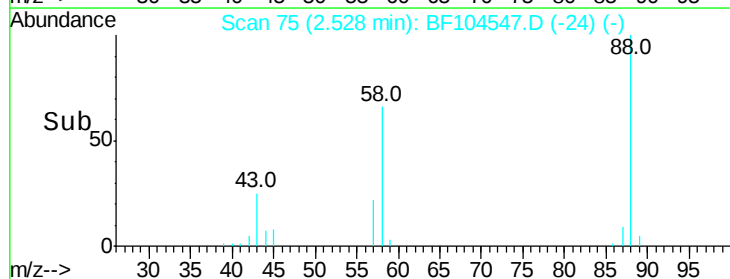
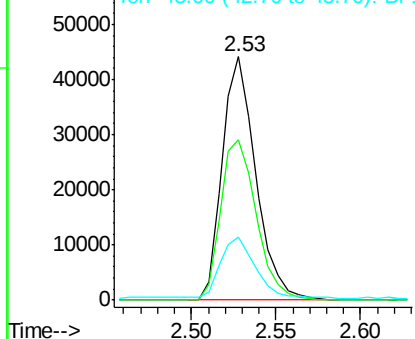
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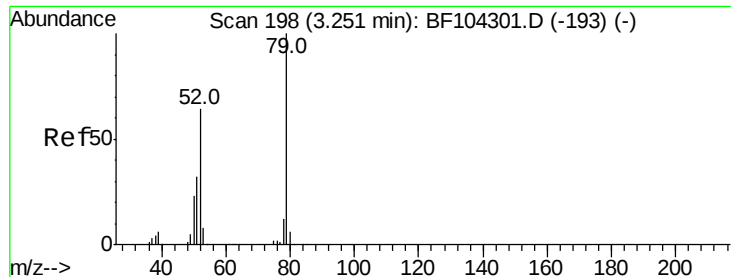
1,4-Dioxane
Concen: 13.349 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion: 88 Resp: 60866
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 25.9 24.6 37.0



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





#3

Pvridine

Concen: 14.096 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

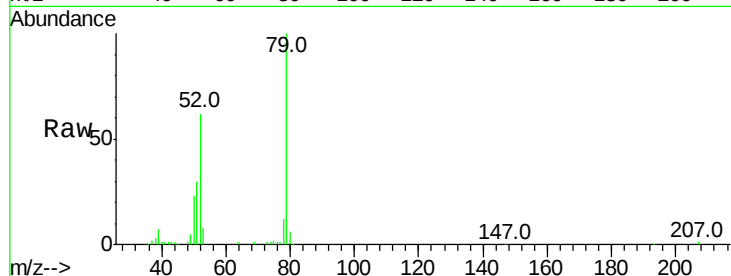
Tot Ion: 79 Resp: 180695

Ion Ratio Lower Upper

79 100

52 61.5 59.8 89.6

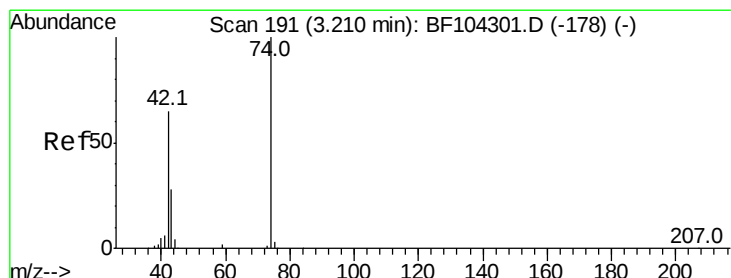
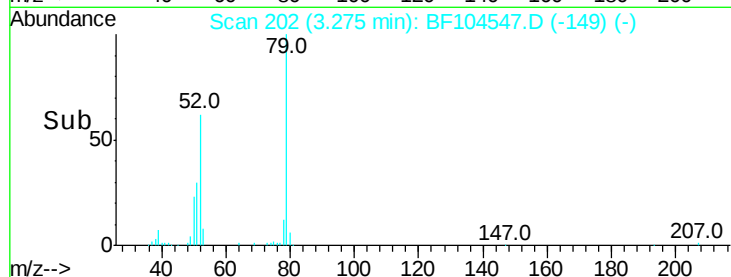
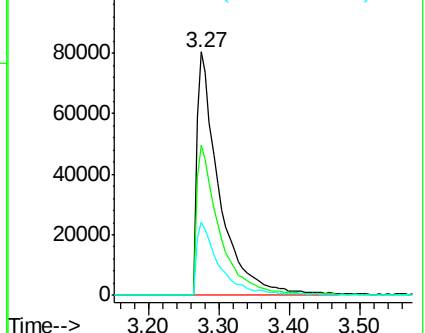
51 30.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 14.531 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.02 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

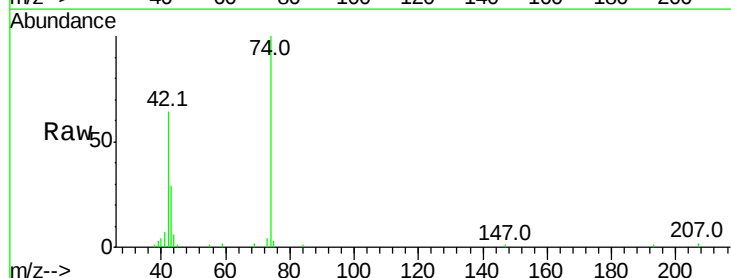
Tgt Ion: 42 Resp: 65116

Ion Ratio Lower Upper

42 100

74 157.0 104.9 157.3

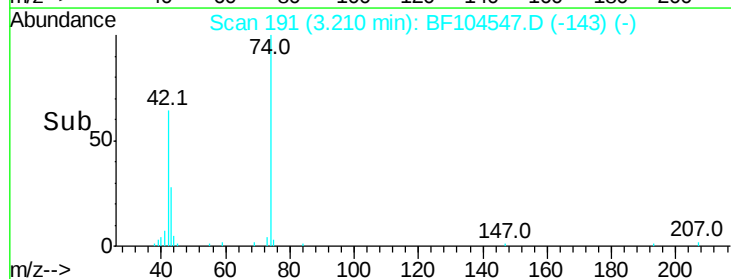
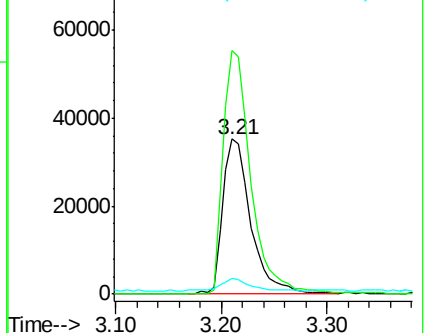
44 10.1 6.9 10.3

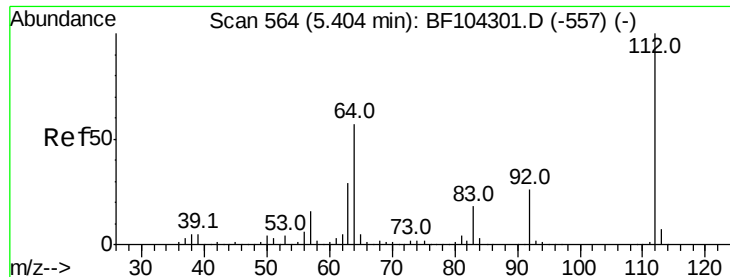


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 50.504 ng

RT: 5.43 min Scan# 568

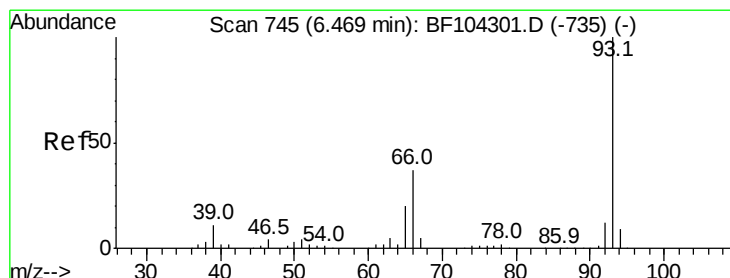
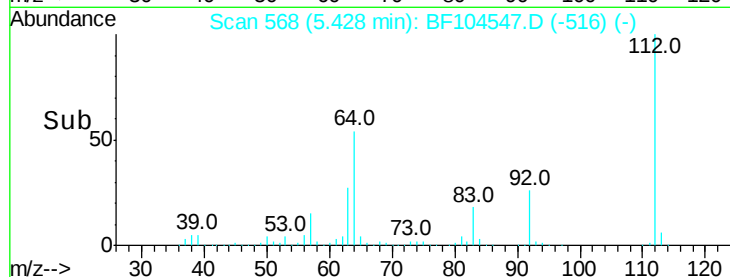
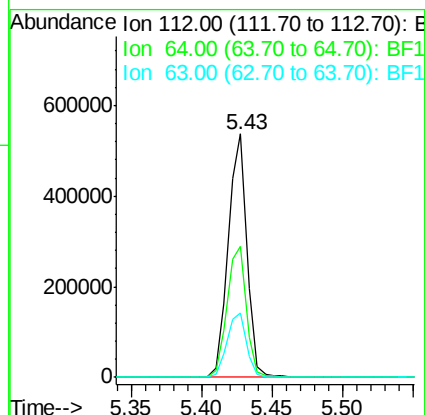
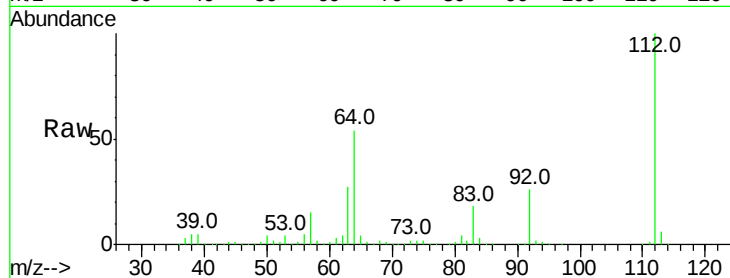
Delta R.T. 0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	494184
Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.7	23.7	35.5



#6

Aniline

Concen: 9.718 ng

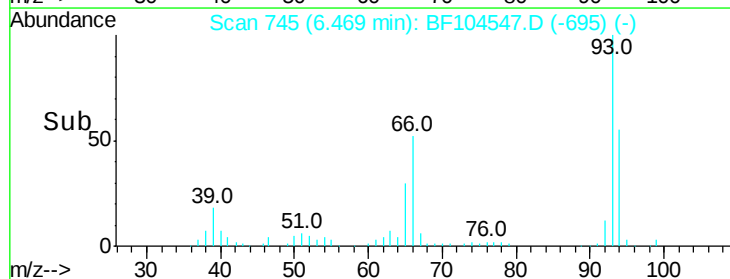
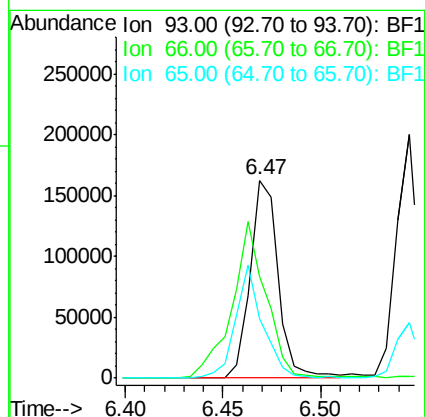
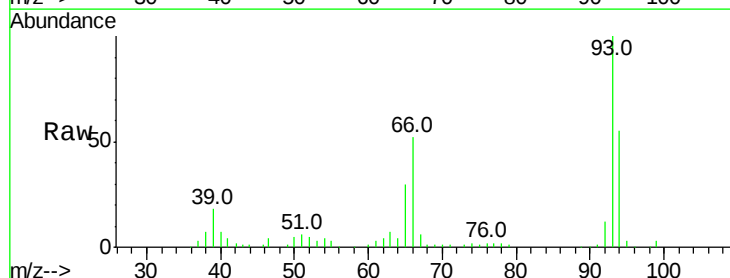
RT: 6.47 min Scan# 745

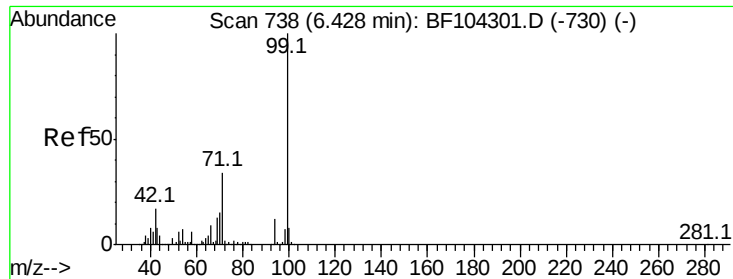
Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Tgt Ion:	93	Resp:	162329
Ion	Ratio	Lower	Upper
93	100		
66	51.6	32.2	48.2#
65	29.9	16.4	24.6#





#7

Phenol-d6

Concen: 49.841 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

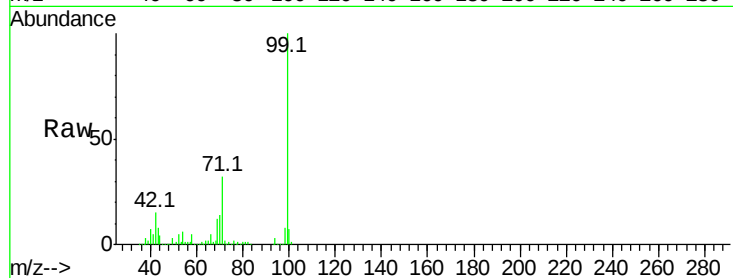
Tot Ion: 99 Resp: 599223

Ion Ratio Lower Upper

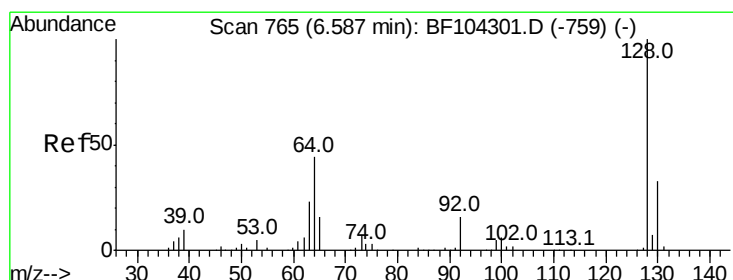
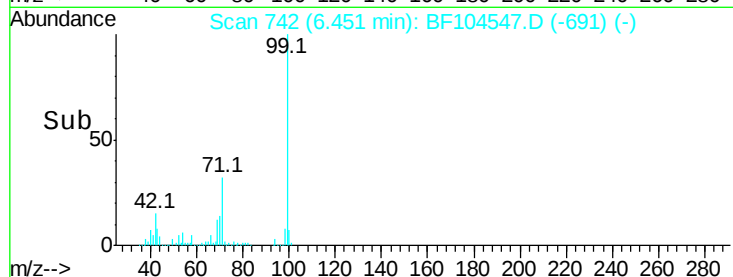
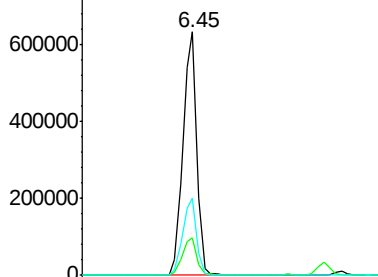
99 100

42 15.4 14.5 21.7

71 31.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 15.727 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

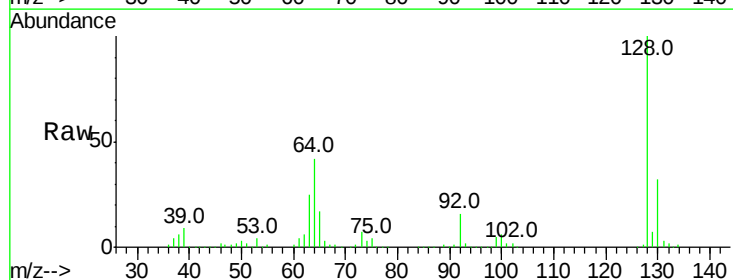
Tgt Ion: 128 Resp: 162423

Ion Ratio Lower Upper

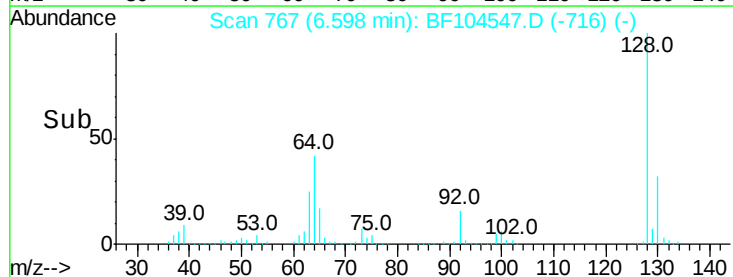
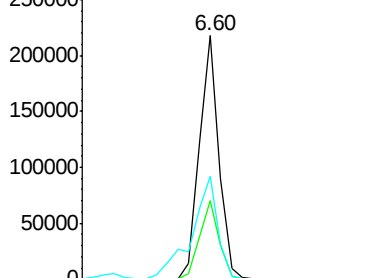
128 100

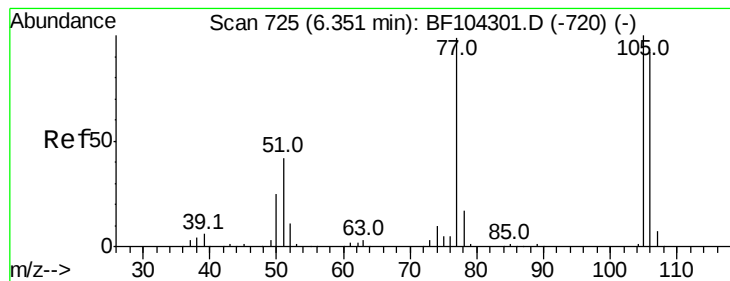
130 32.3 13.0 53.0

64 42.1 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: 4.966 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

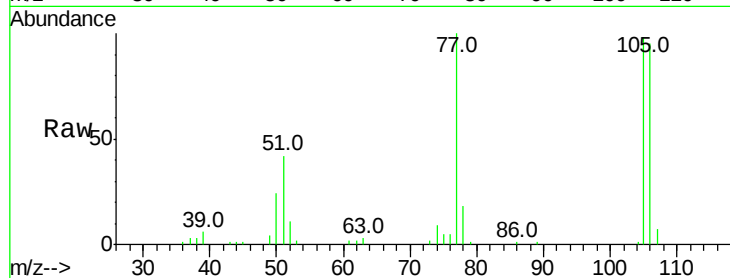
Tot Ion: 77 Resp: 47398

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

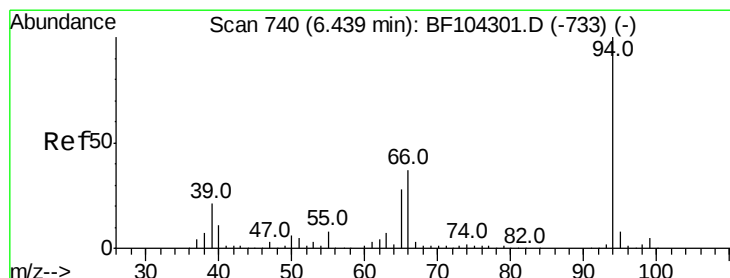
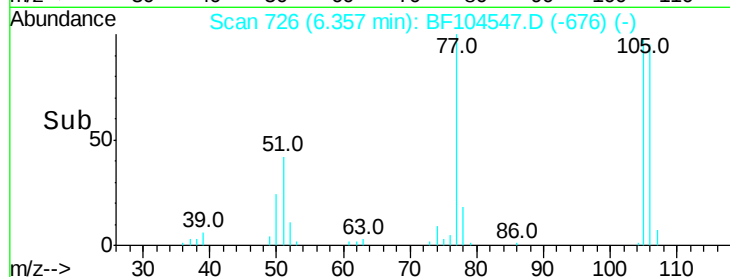
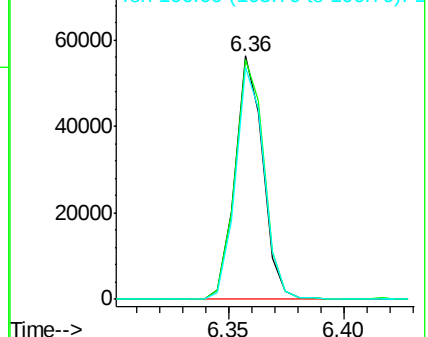
106 95.5 74.5 114.5



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: 17.699 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

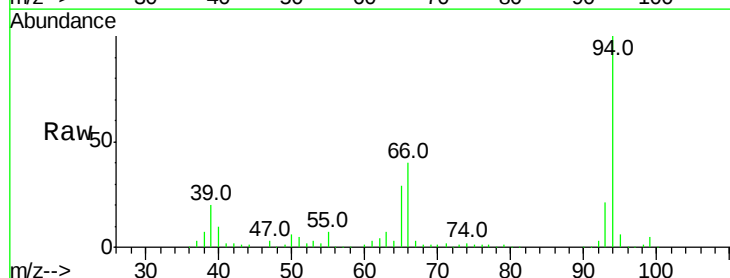
Tgt Ion: 94 Resp: 225783

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

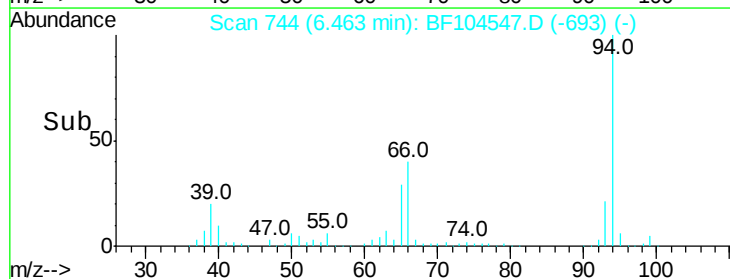
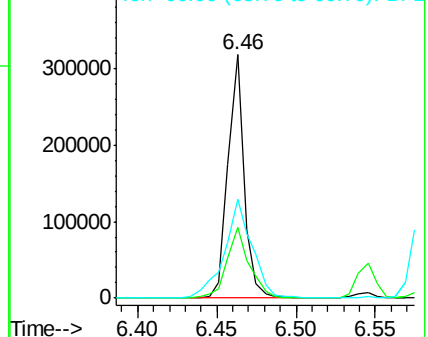
66 40.4 16.2 56.2



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

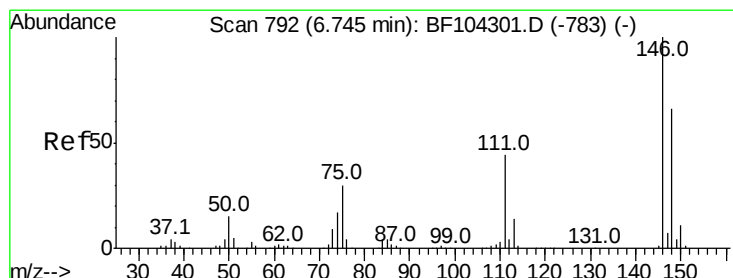
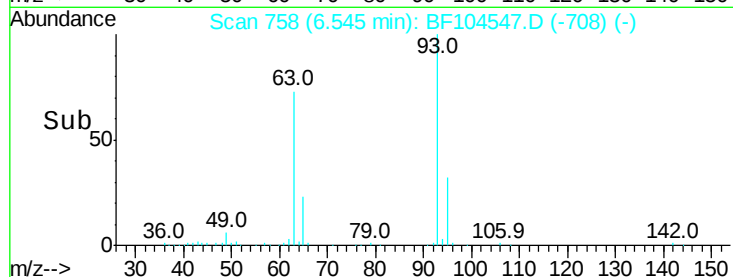
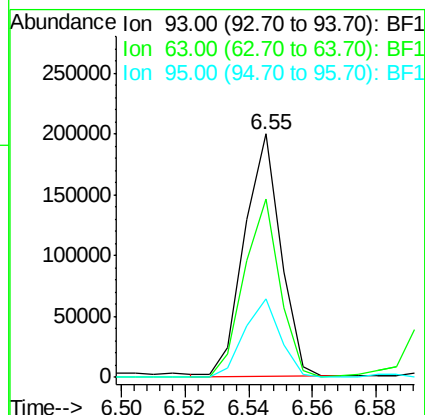
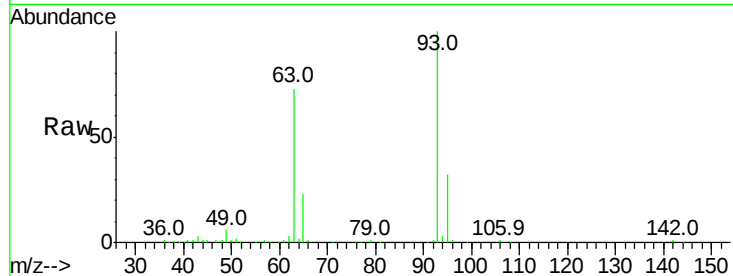




#11
 bis(2-Chloroethyl)ether
 Concen: 15.521 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

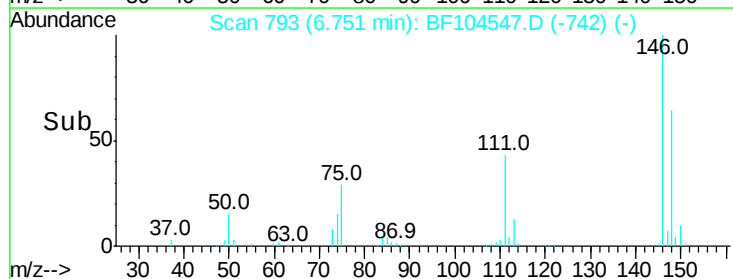
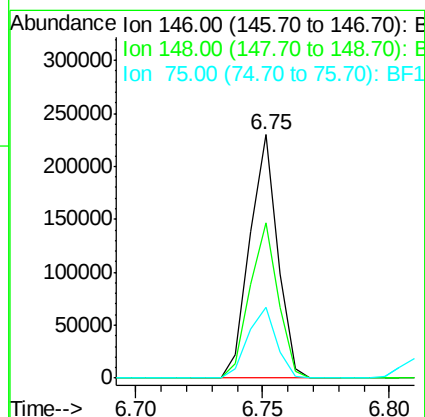
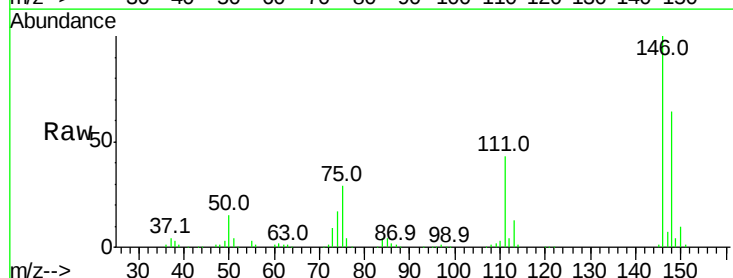
Instrument :
 BNA_F
 ClientSampled :

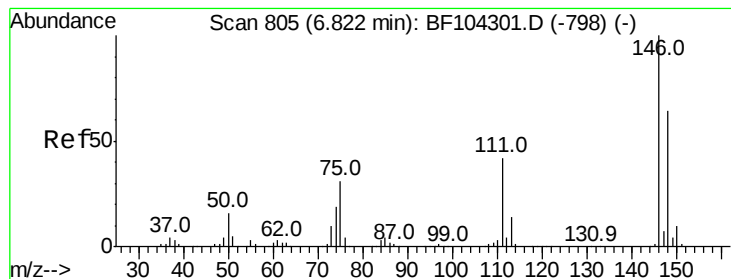
Tot Ion: 93 Resp: 157996
 Ion Ratio Lower Upper
 93 100
 63 73.4 58.6 98.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 15.093 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion: 146 Resp: 176590
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 16.134 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

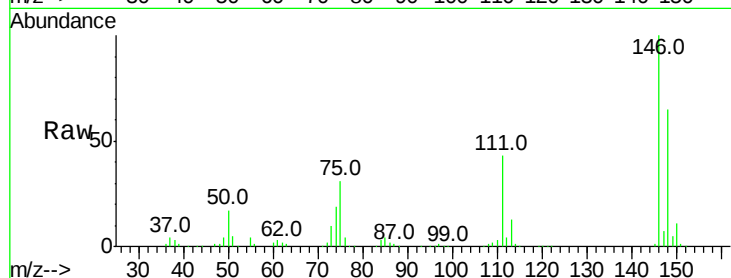
Tot Ion:146 Resp: 188171

Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

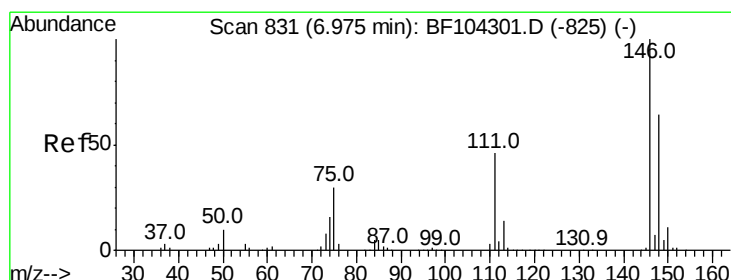
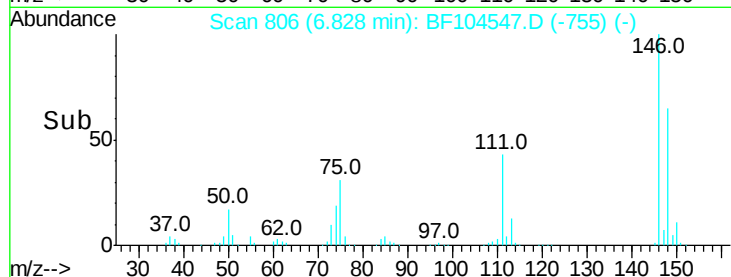
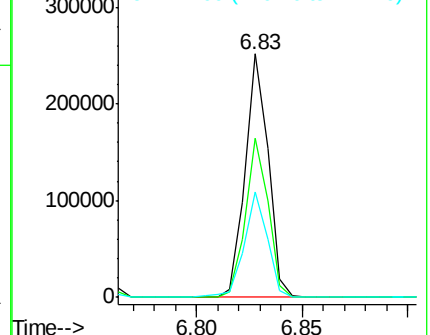
111 43.0 34.2 51.2



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: 16.688 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

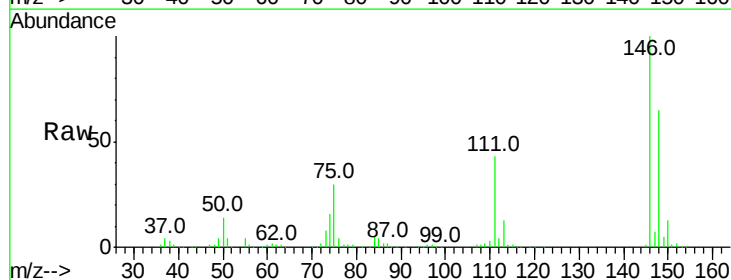
Tgt Ion:146 Resp: 180369

Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

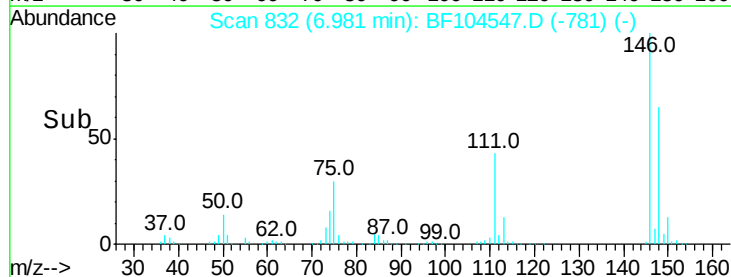
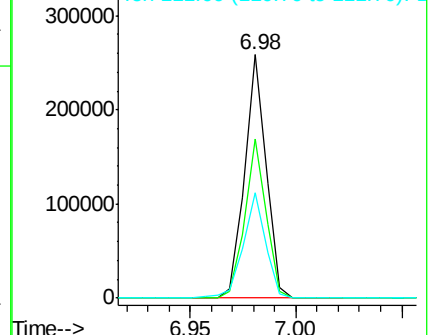
111 43.3 36.0 54.0

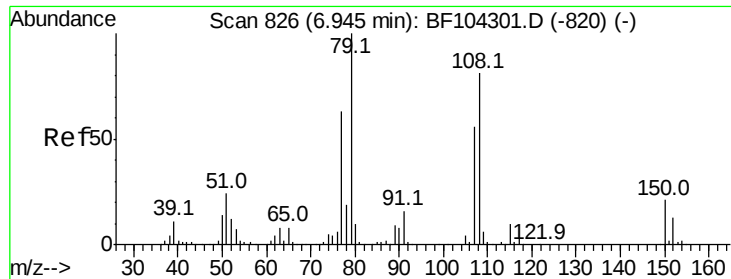


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

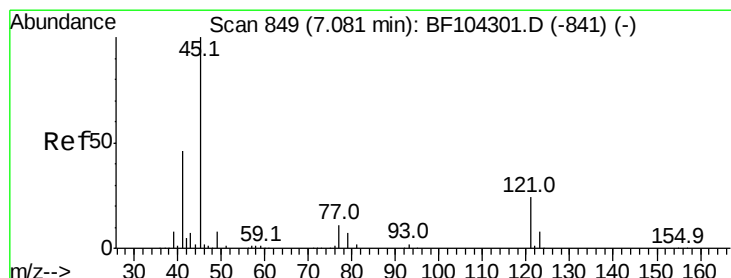
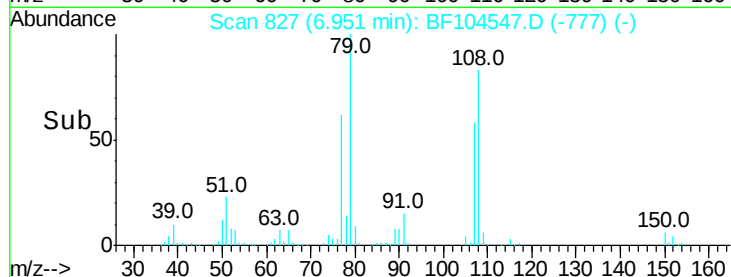
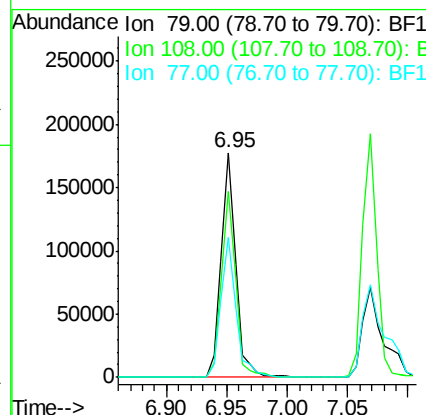
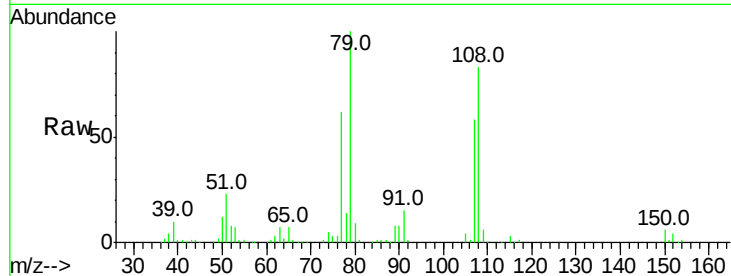




#15
Benzyl Alcohol
Concen: 16.103 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

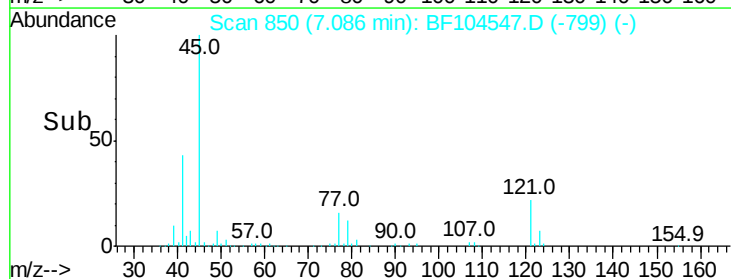
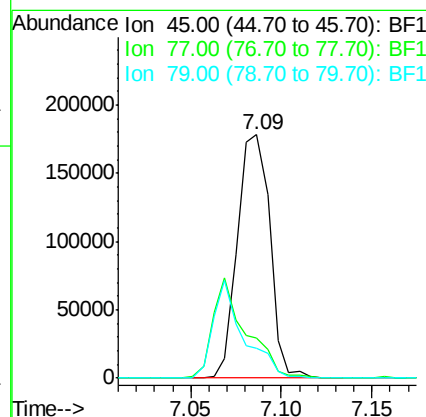
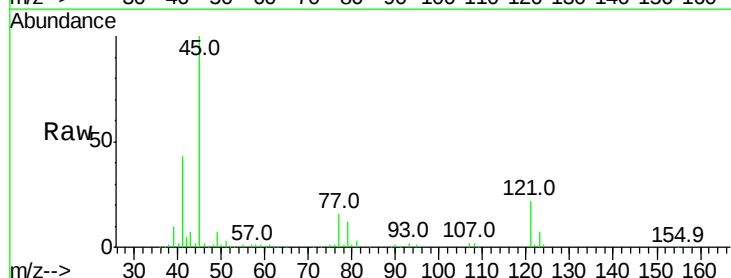
Instrument :
BNA_F
ClientSampled :

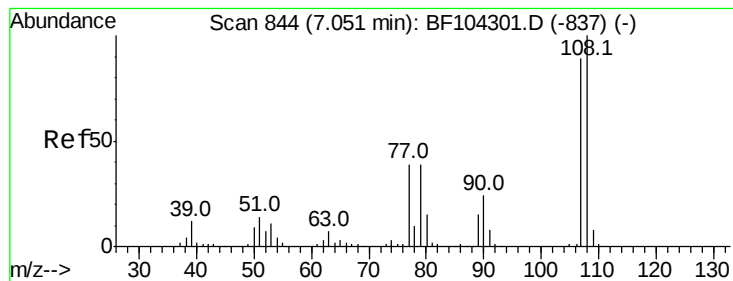
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	65.1	97.7
77	62.3	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 16.268 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	32.9
79	12.2	0.0	29.6

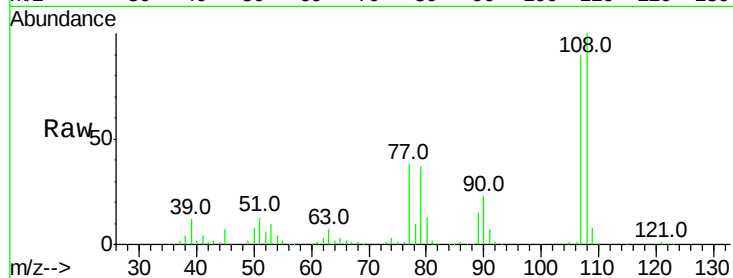




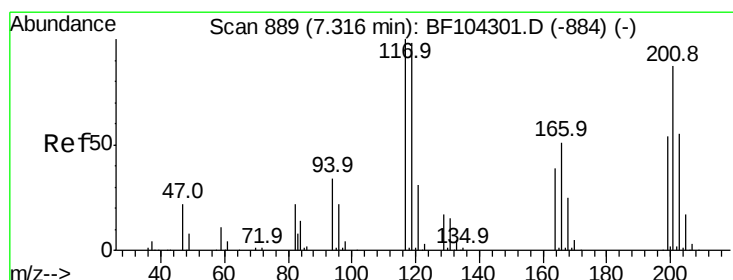
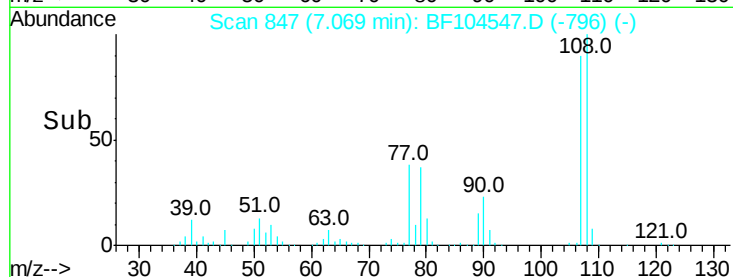
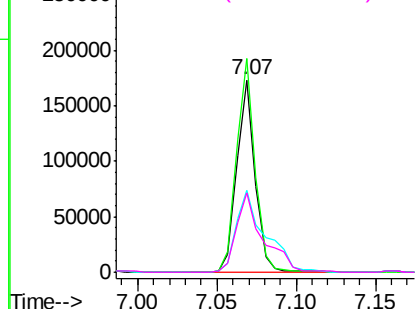
#17
2-Methylphenol
Concen: 15.688 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 140838
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 42.2 33.8 50.8
79 41.2 33.8 50.8

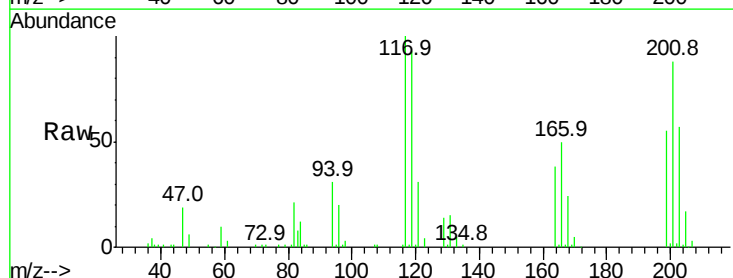


Abundance Ion 107.00 (106.70 to 107.70): E
300000
Ion 108.00 (107.70 to 108.70): E
250000
Ion 77.00 (76.70 to 77.70): BF1
200000
Ion 79.00 (78.70 to 79.70): BF1
150000
100000
50000
0

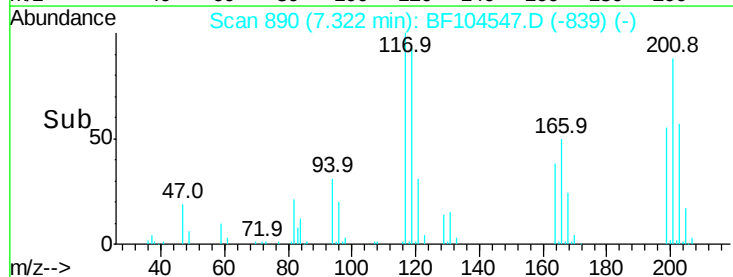
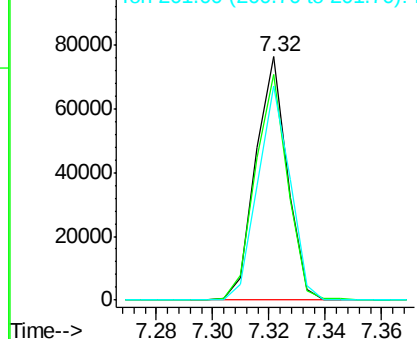


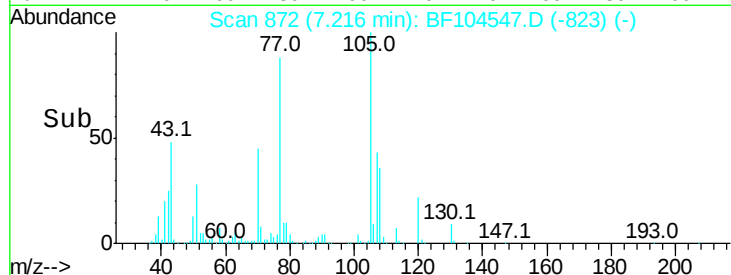
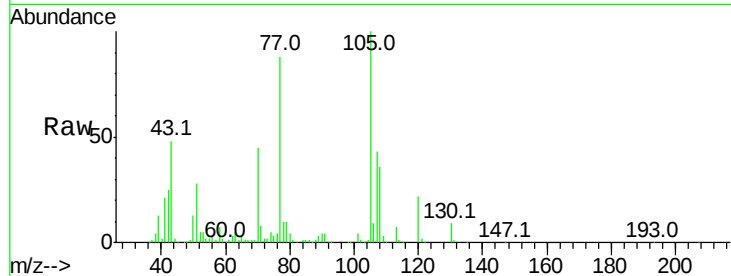
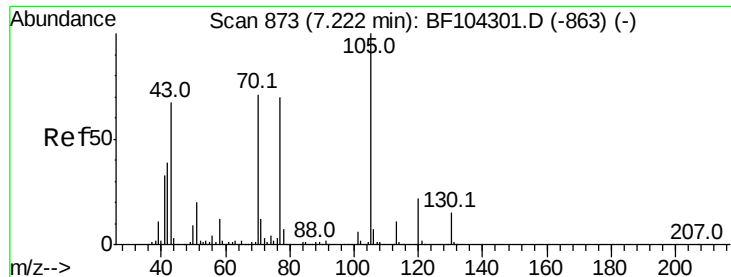
#18
Hexachloroethane
Concen: 14.211 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:117 Resp: 59095
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.8
201 87.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
80000
Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0

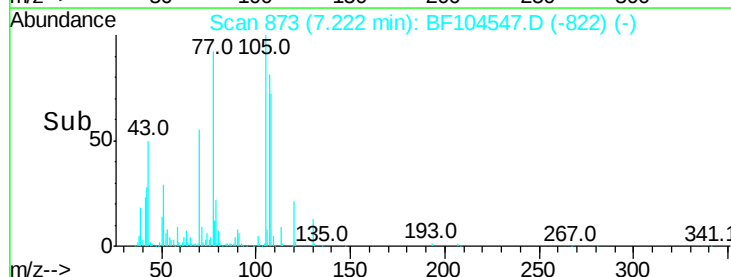
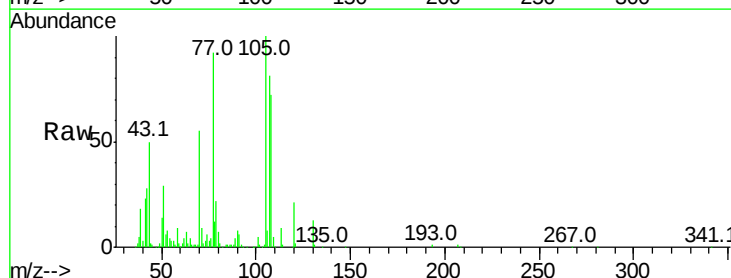
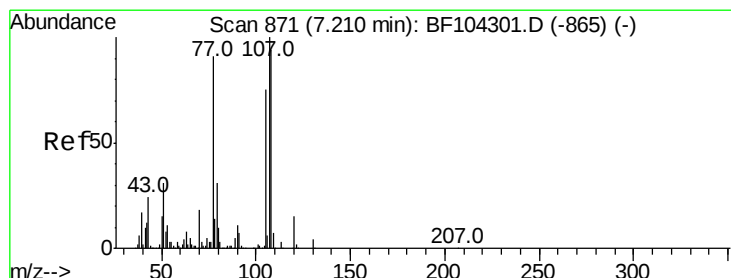
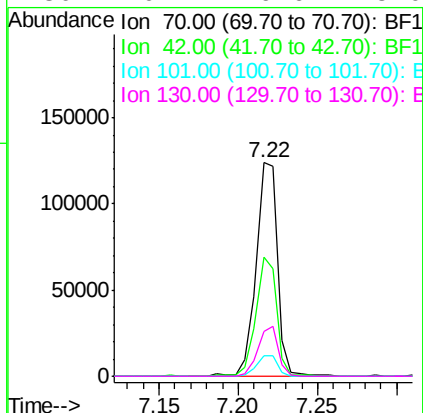




#19
n-Nitroso-di-n-propylamine
Concen: 14.876 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

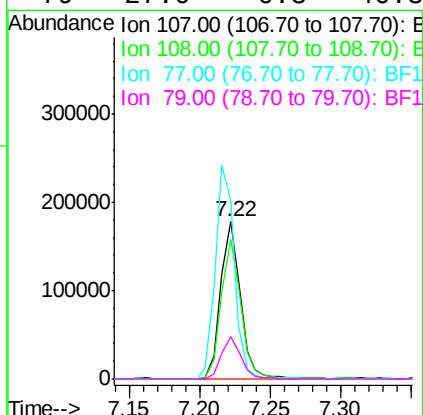
Instrument :
BNA_F
ClientSampleId :

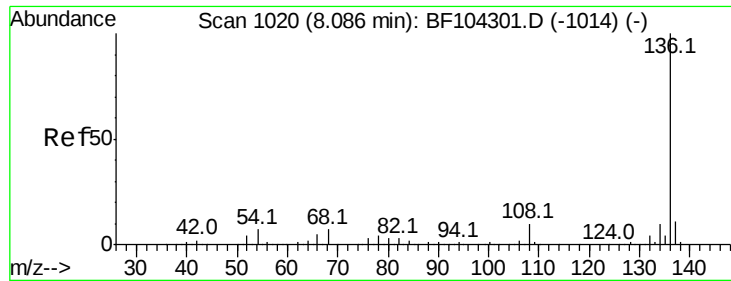
Tot Ion: 70 Resp: 116875
Ion Ratio Lower Upper
70 100
42 55.6 47.5 71.3
101 9.7 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 15.610 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:107 Resp: 173811
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 114.5 26.7 66.7#
79 27.0 6.3 46.3

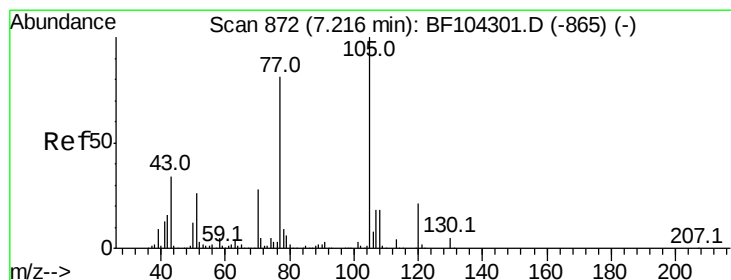
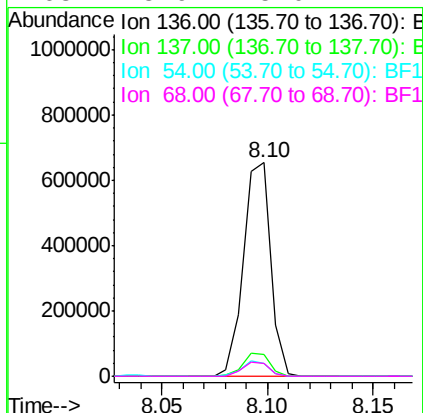
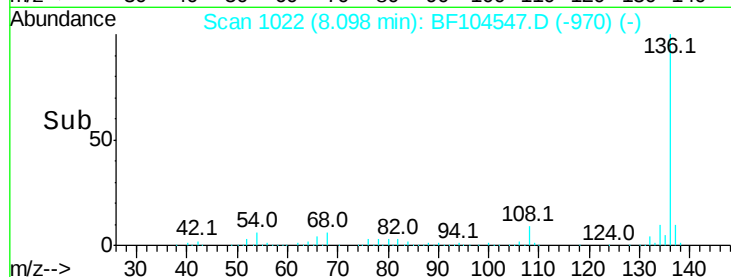
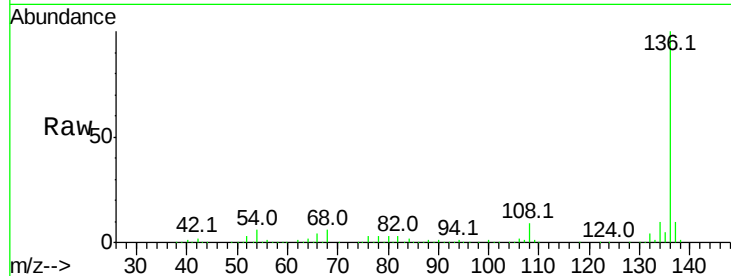




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

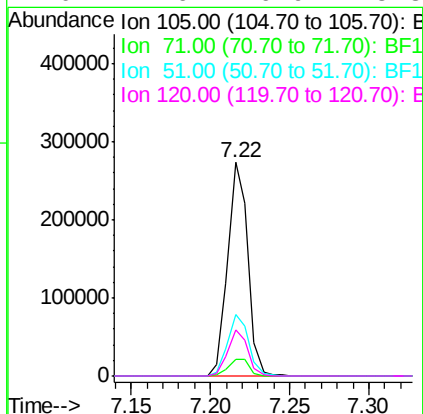
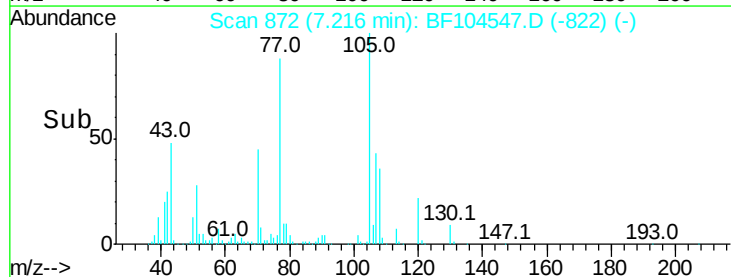
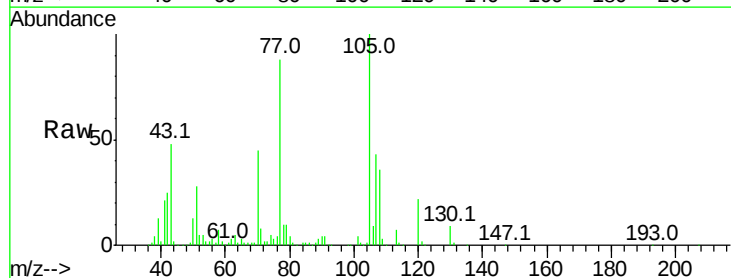
Instrument :
BNA_F
ClientSampled :

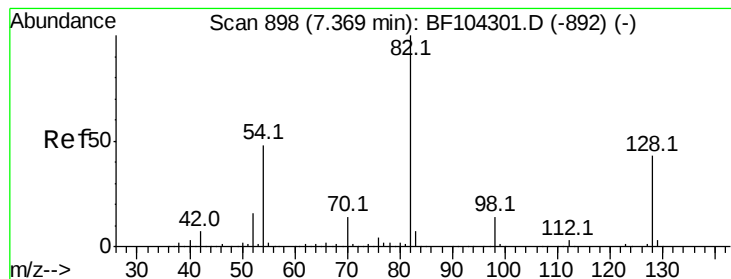
Tot Ion:	136	Resp:	585018
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.3	6.6	9.8#
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 16.668 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:	105	Resp:	240062
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	28.5	22.3	33.5
120	21.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 43.340 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

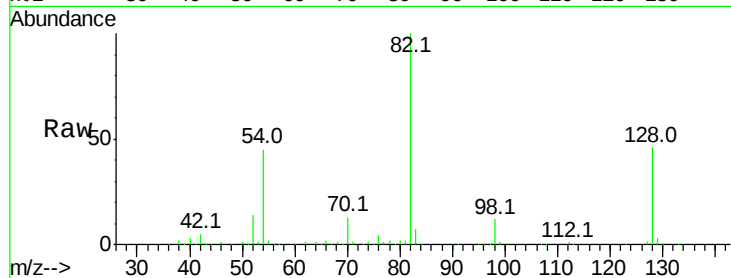
Tot Ion: 82 Resp: 388290

Ion Ratio Lower Upper

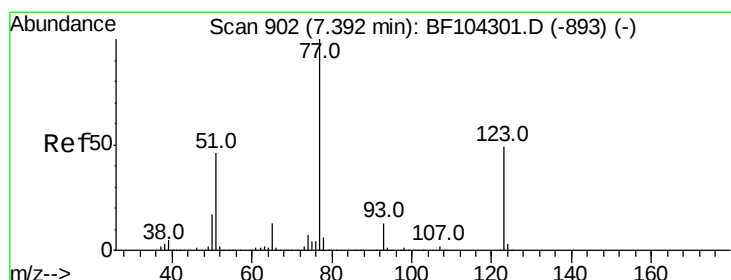
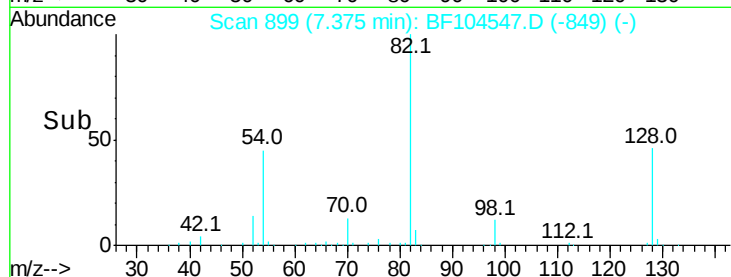
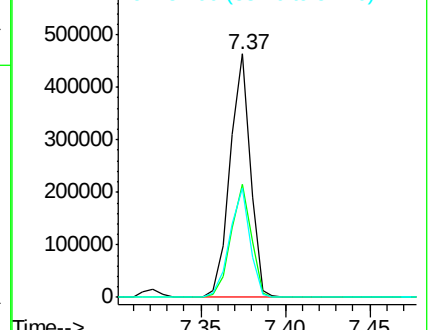
82 100

128 46.2 36.1 54.1

54 44.7 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: 17.881 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

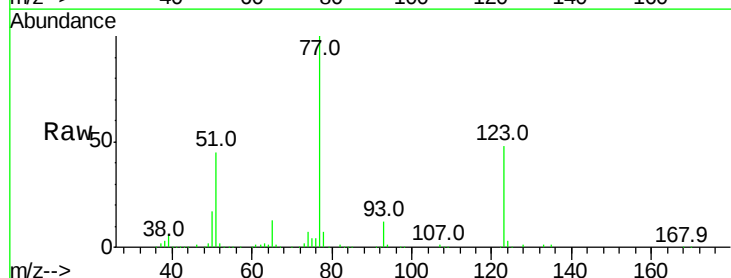
Tgt Ion: 77 Resp: 176873

Ion Ratio Lower Upper

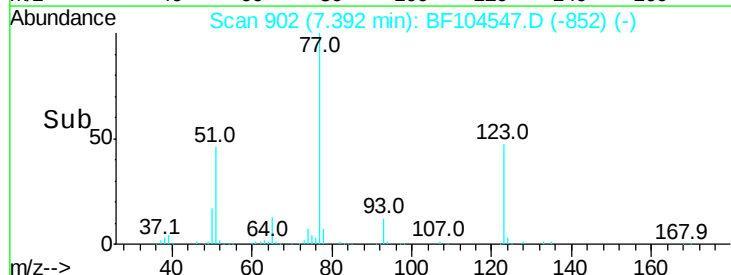
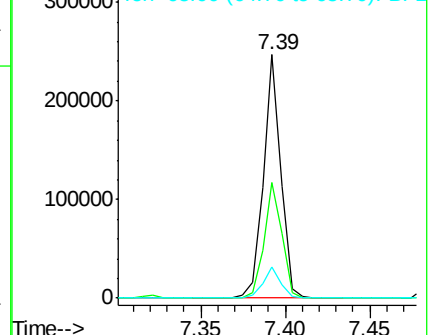
77 100

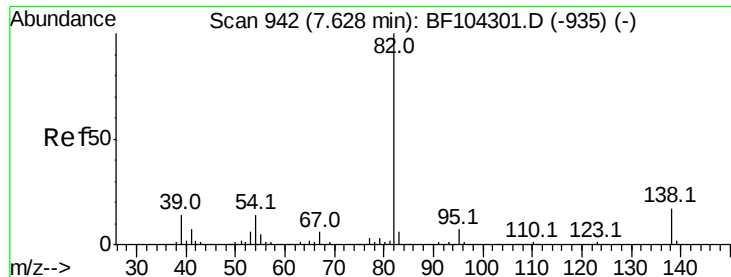
123 47.7 37.9 56.9

65 13.0 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: 14.739 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

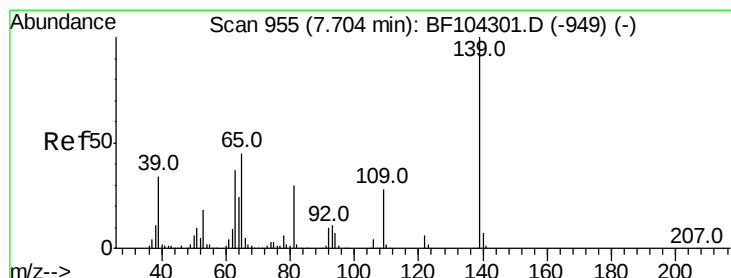
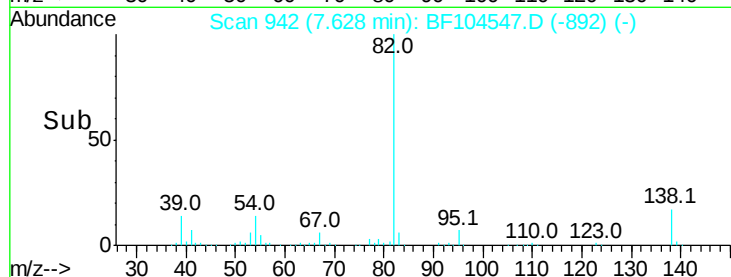
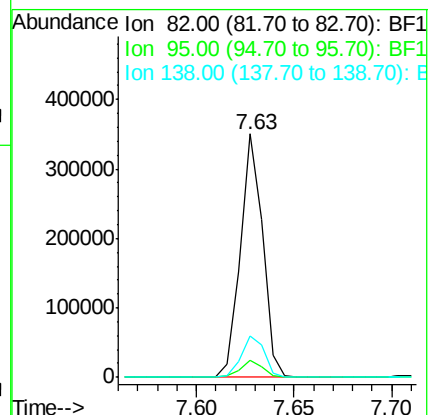
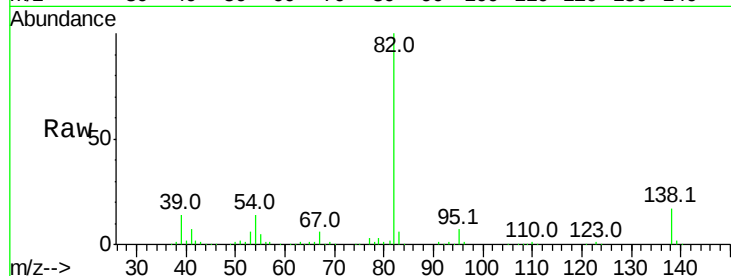
Tot Ion: 82 Resp: 279230

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 20.355 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

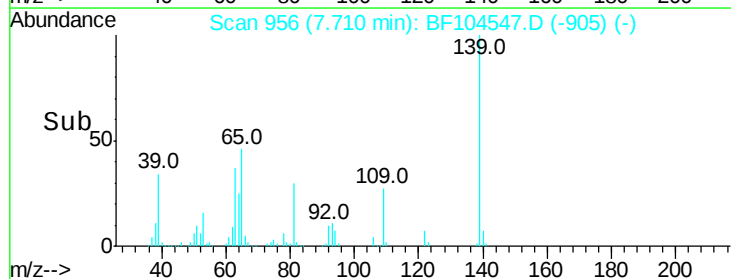
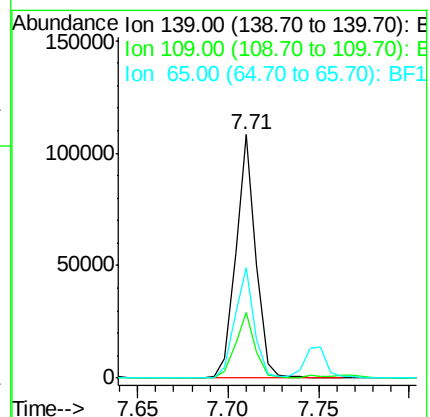
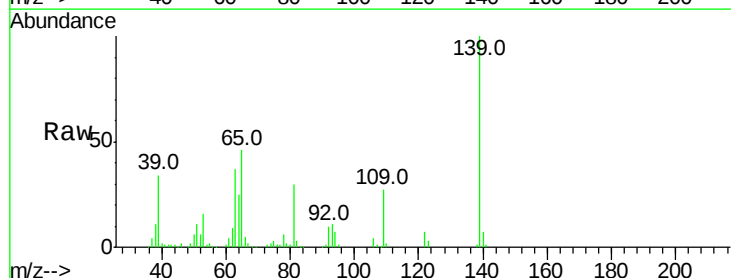
Tgt Ion: 139 Resp: 81967

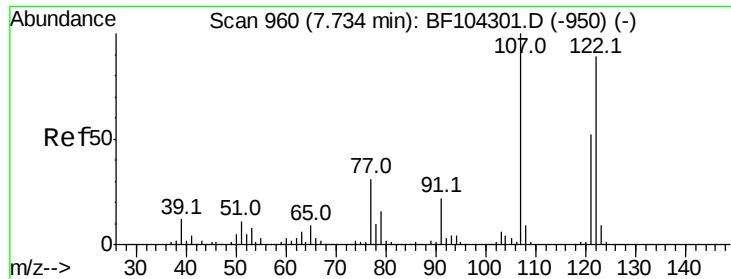
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 45.5 40.5 60.7

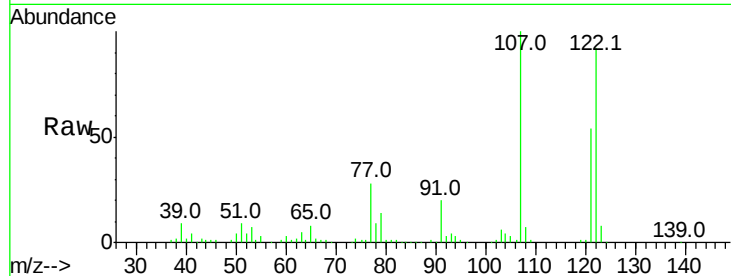




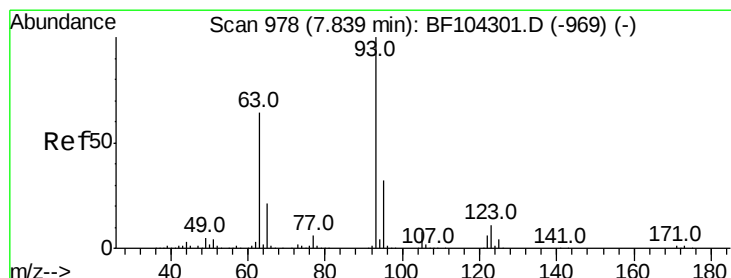
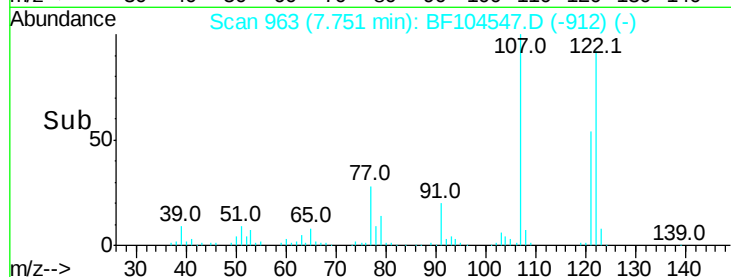
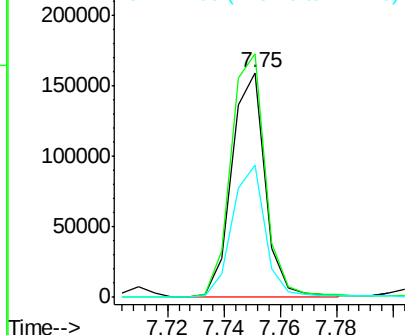
#27
 2,4-Dimethylphenol
 Concen: 15.781 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 131948
 Ion Ratio Lower Upper
 122 100
 107 108.2 91.2 136.8
 121 58.8 47.2 70.8

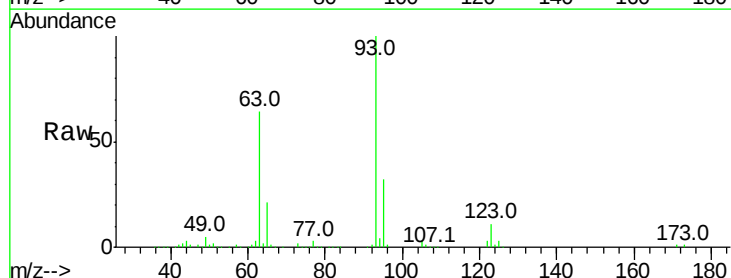


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

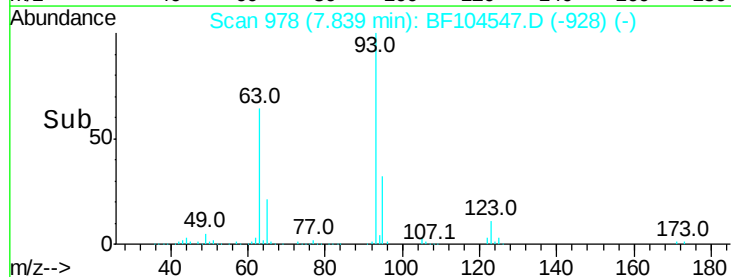
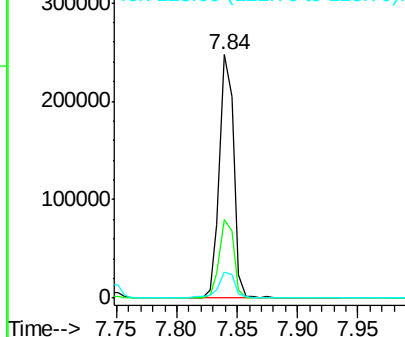


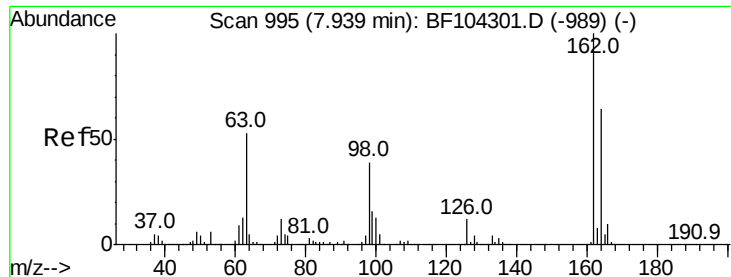
#28
 bis(2-Chloroethoxy)methane
 Concen: 17.383 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion: 93 Resp: 201350
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.5 9.8 14.6



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

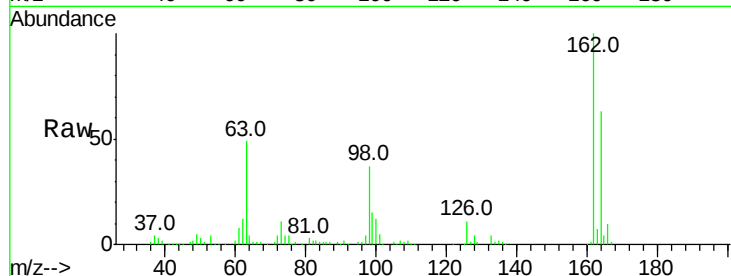




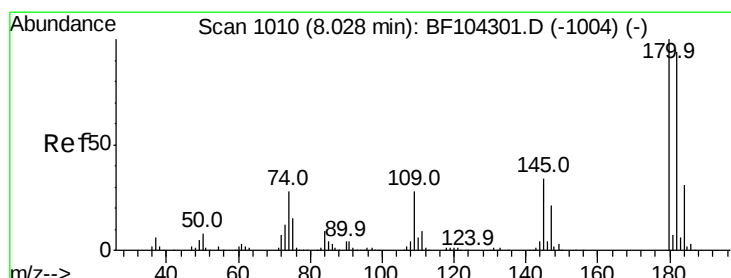
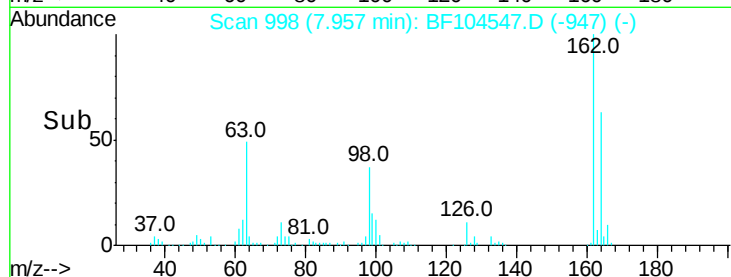
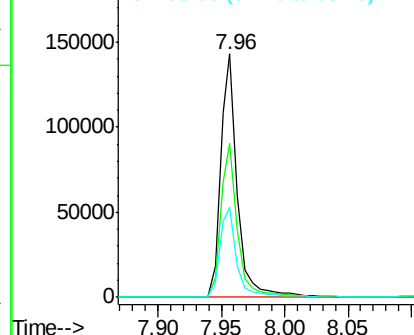
#29
2,4-Dichlorophenol
Concen: 16.725 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	36.8	18.1	58.1

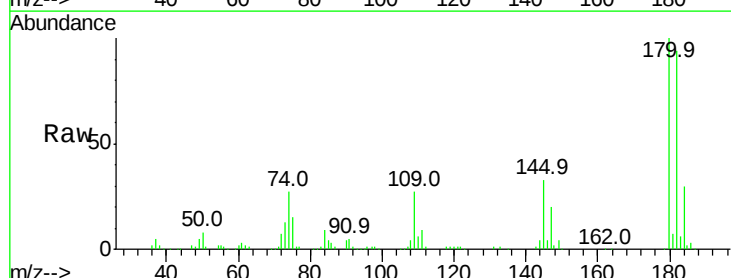


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

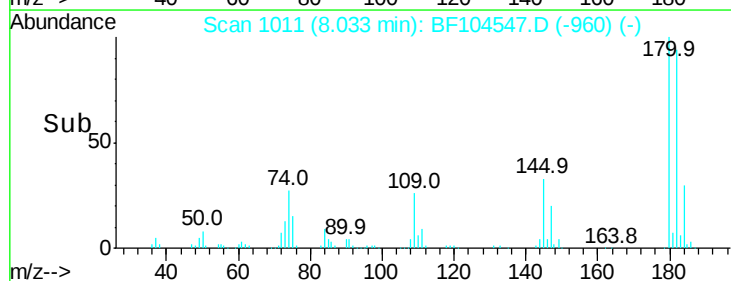
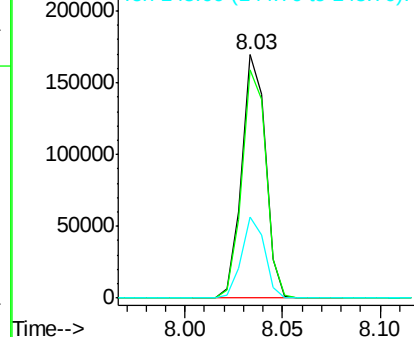


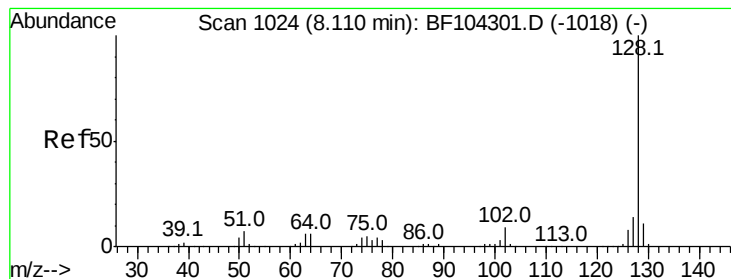
#30
1,2,4-Trichlorobenzene
Concen: 16.476 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	33.1	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: 15.733 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

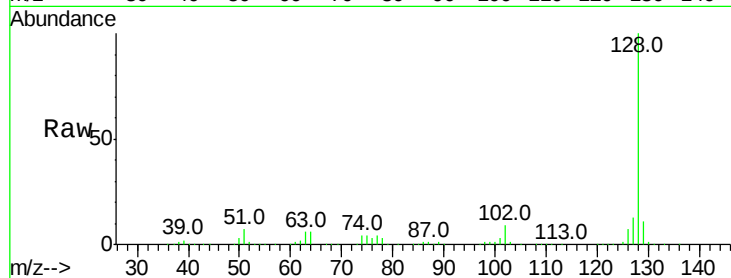
Tot Ion:128 Resp: 458316

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

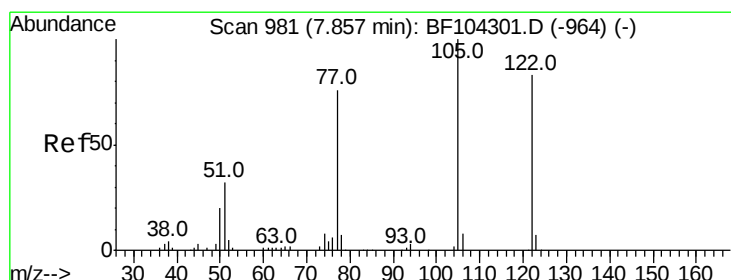
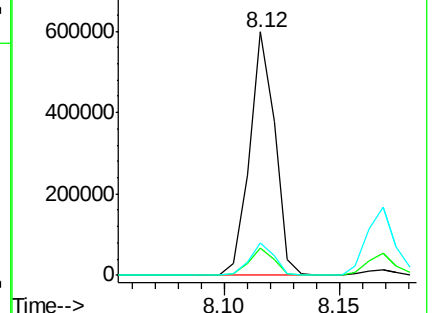
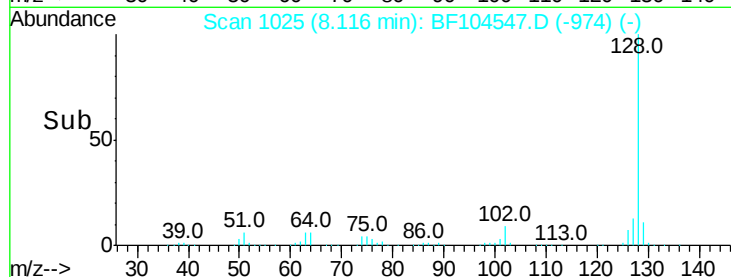
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.772 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

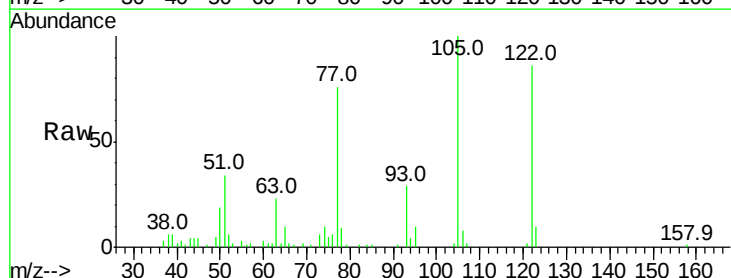
Tgt Ion:122 Resp: 31837

Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

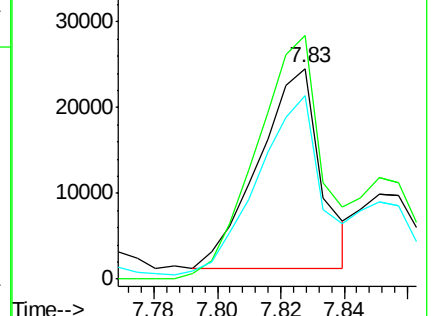
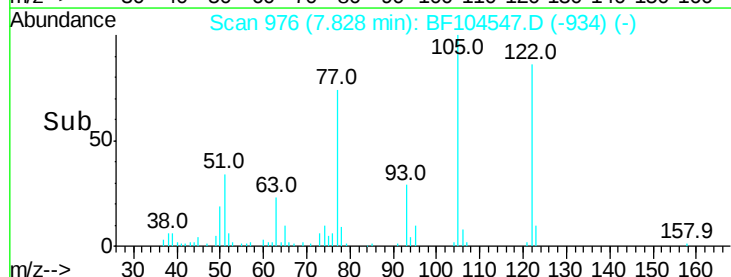
77 87.4 70.7 110.7

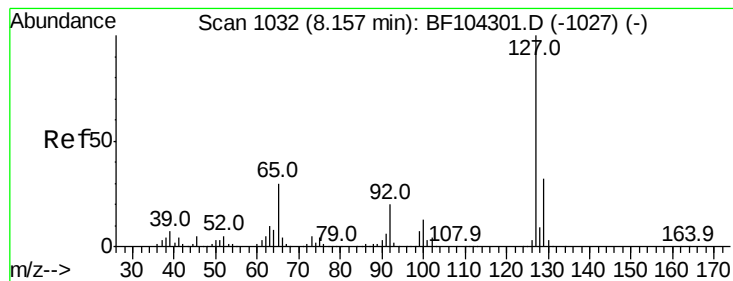


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.226 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 152585

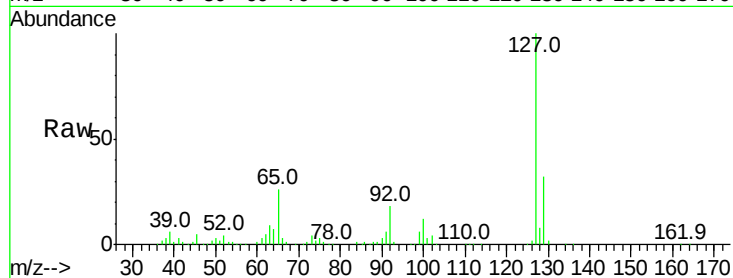
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 26.1 25.0 37.4

92 17.9 15.2 22.8

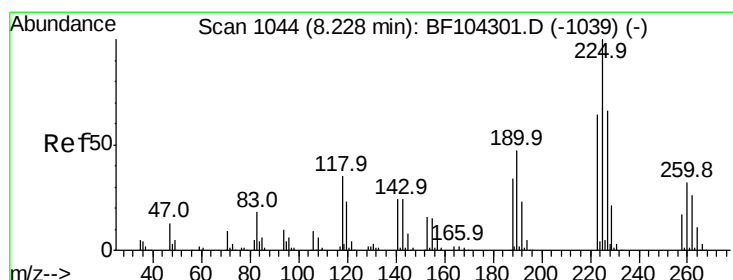
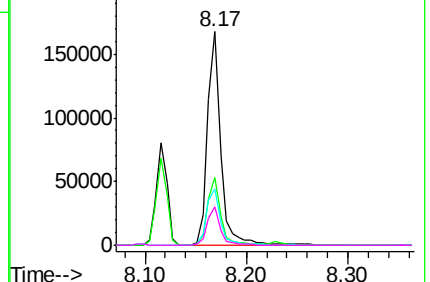
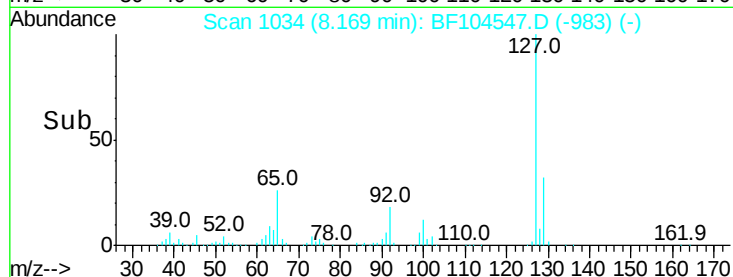


Abundance Ion 127.00 (126.70 to 127.70): E

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: 16.800 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

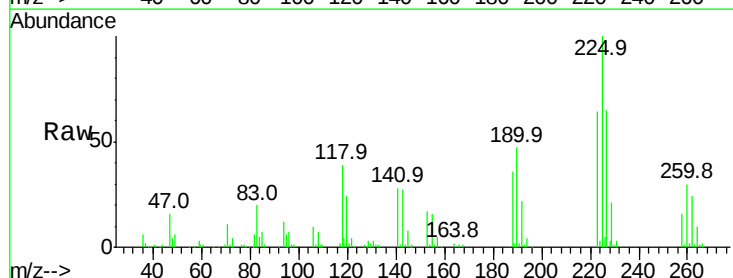
Tgt Ion:225 Resp: 80566

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

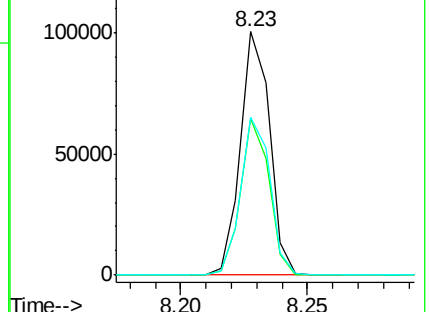
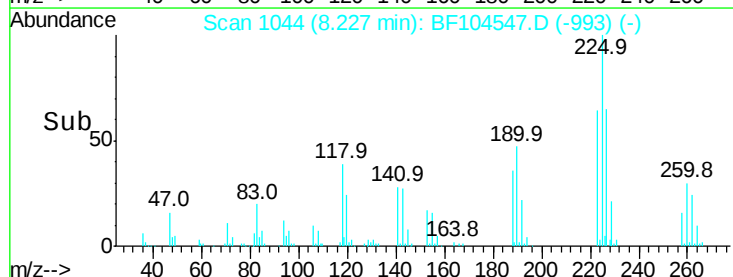
227 65.0 51.9 77.9

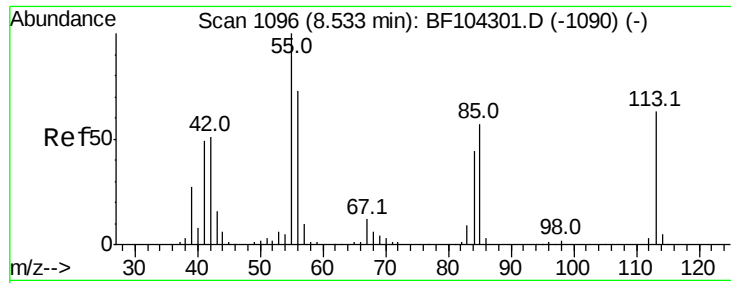


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

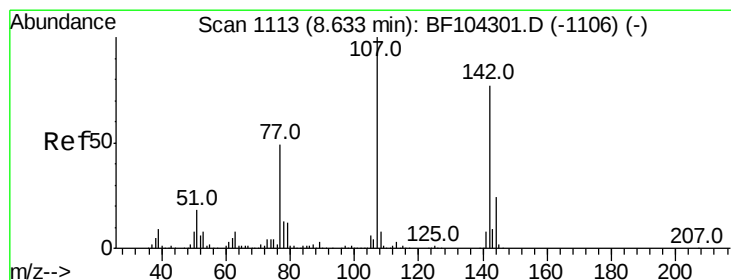
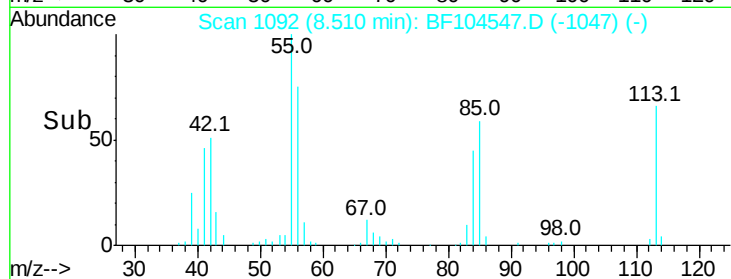
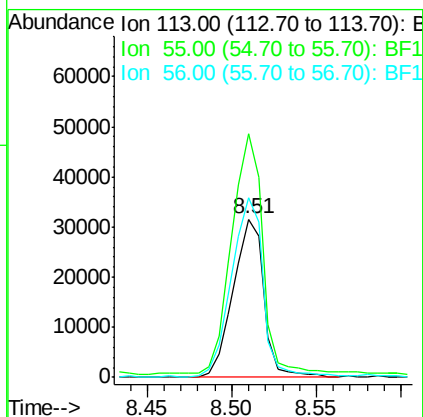
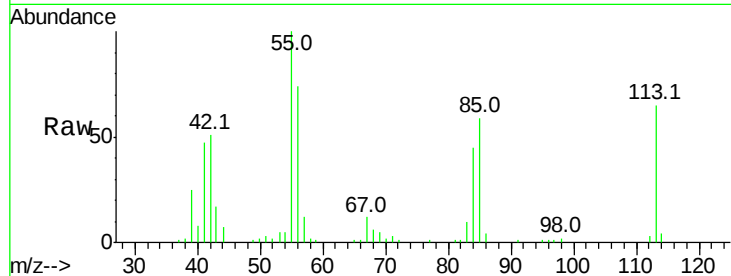




#35
Caprolactam
Concen: 14.383 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.04 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

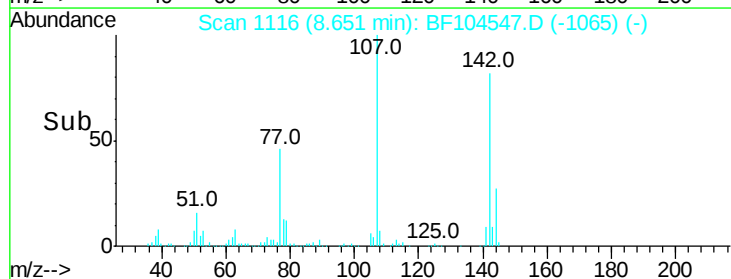
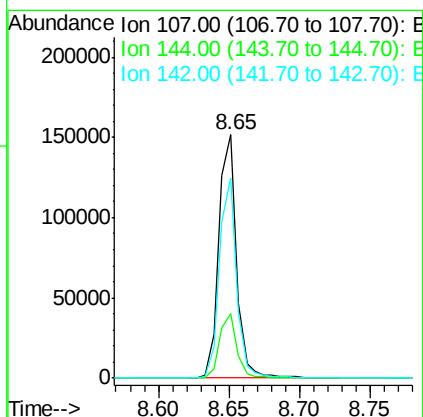
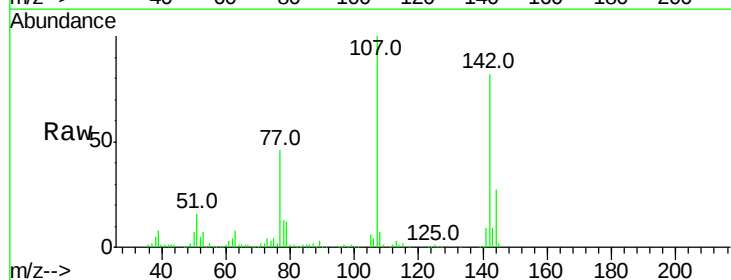
Instrument :
BNA_F
ClientSampled :

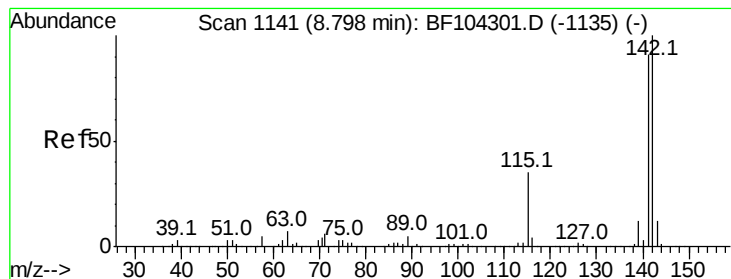
Tot Ion:113 Resp: 40030
Ion Ratio Lower Upper
113 100
55 154.1 163.3 203.3#
56 113.7 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 15.518 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:107 Resp: 132743
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 82.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 14.999 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

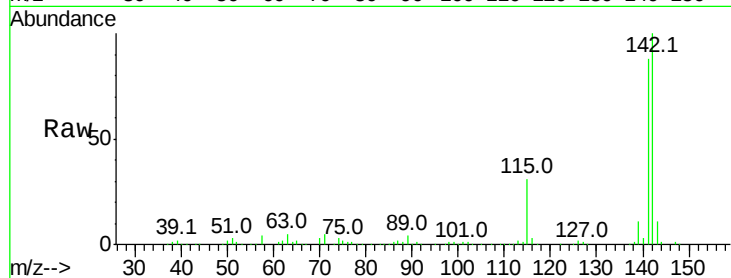
Tot Ion:142 Resp: 282629

Ion Ratio Lower Upper

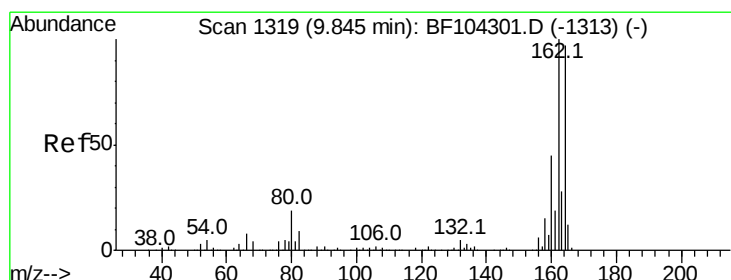
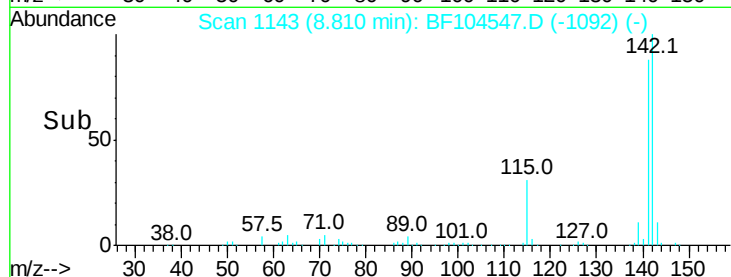
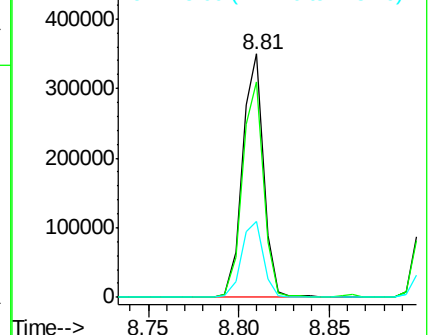
142 100

141 88.3 70.8 106.2

115 31.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

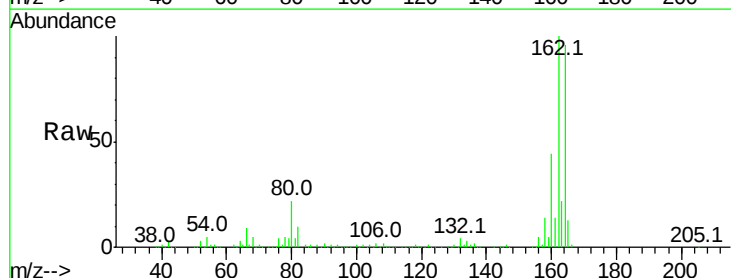
Tgt Ion:164 Resp: 232632

Ion Ratio Lower Upper

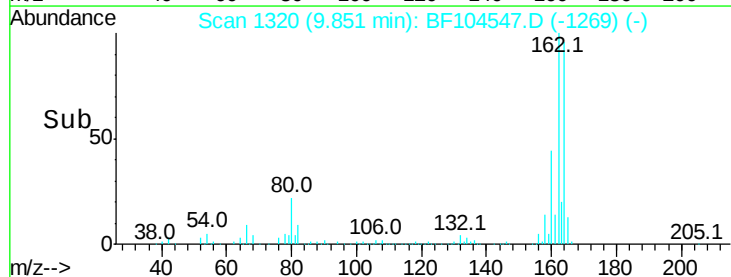
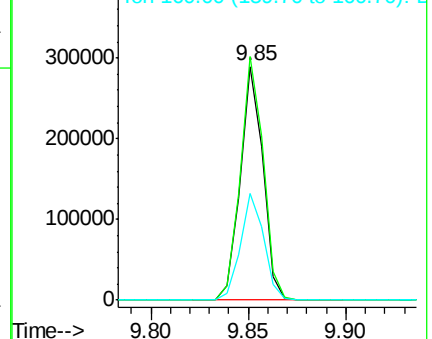
164 100

162 104.2 86.1 129.1

160 45.4 38.3 57.5



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

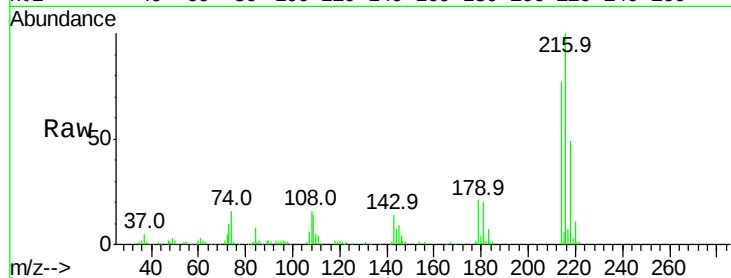




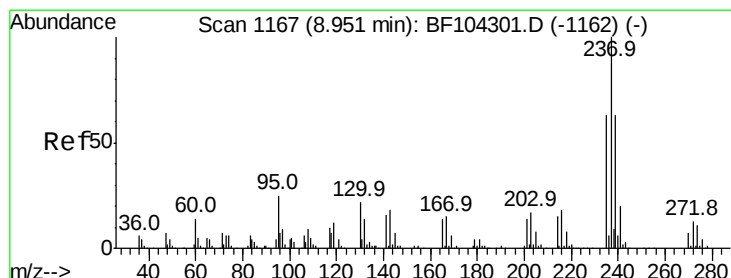
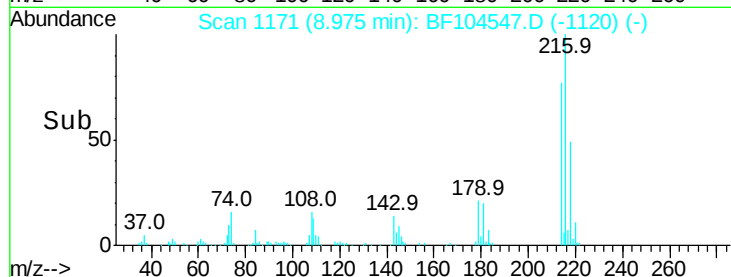
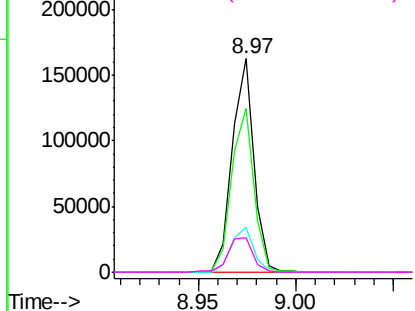
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.764 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	124952
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.7	18.1	27.1
108	18.7	17.2	25.8

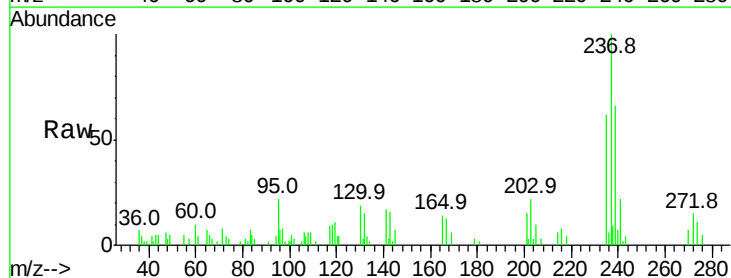


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

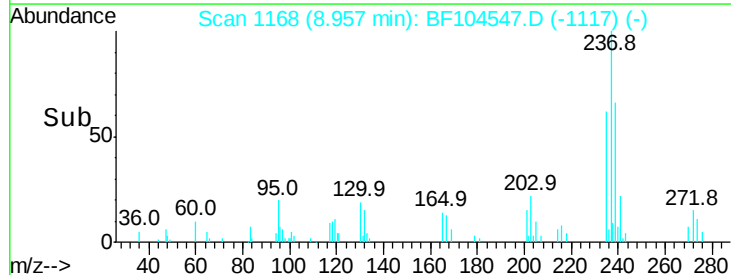
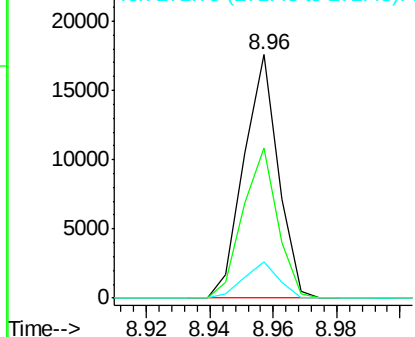


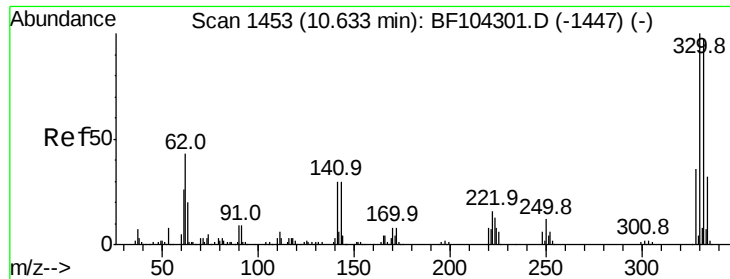
#40
 Hexachlorocyclopentadiene
 Concen: 3.526 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:	237	Resp:	13146
Ion	Ratio	Lower	Upper
237	100		
235	61.8	44.8	84.8
272	14.8	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

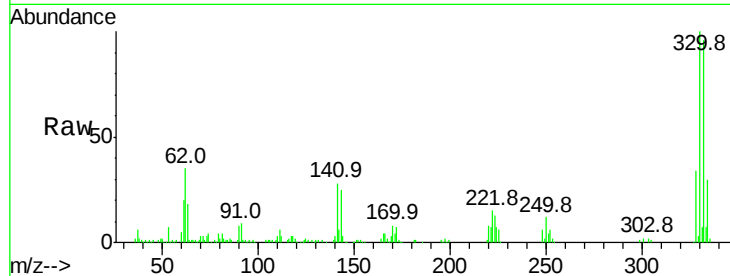




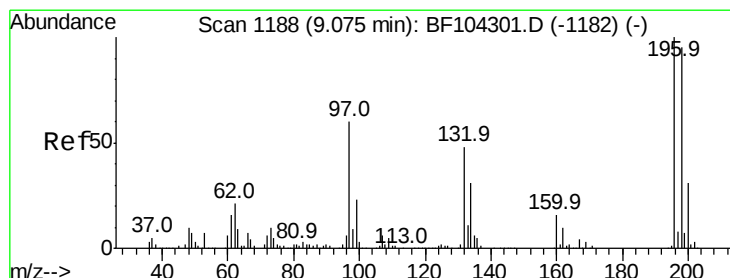
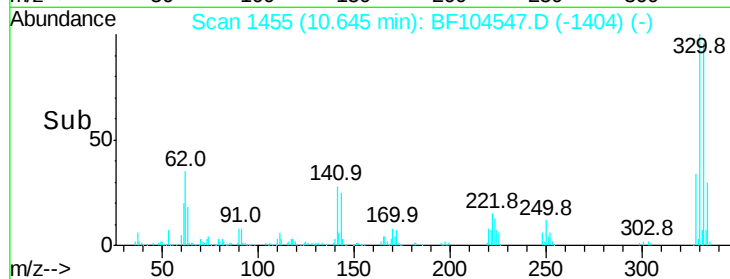
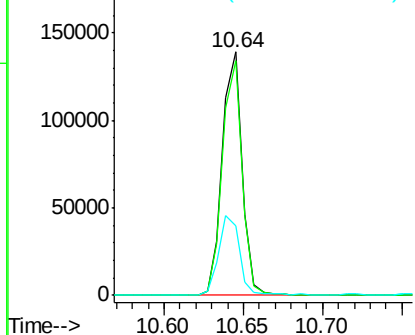
#41
 2,4,6-Tribromophenol
 Concen: 50.223 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.7	29.9	44.9

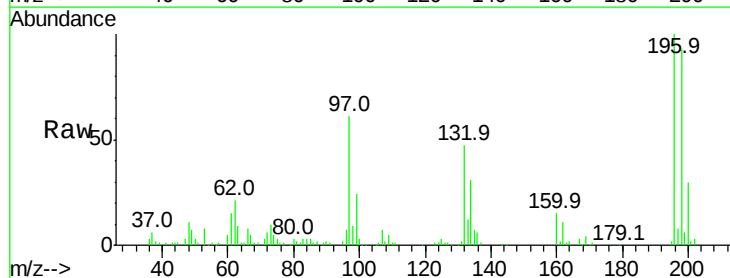


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

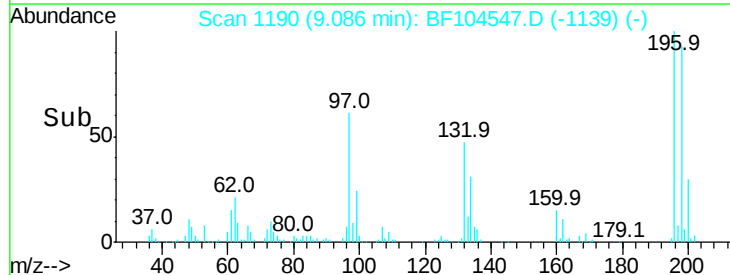
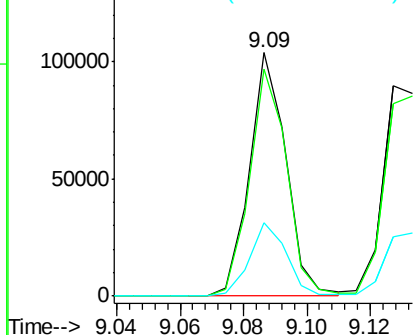


#42
 2,4,6-Trichlorophenol
 Concen: 18.015 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

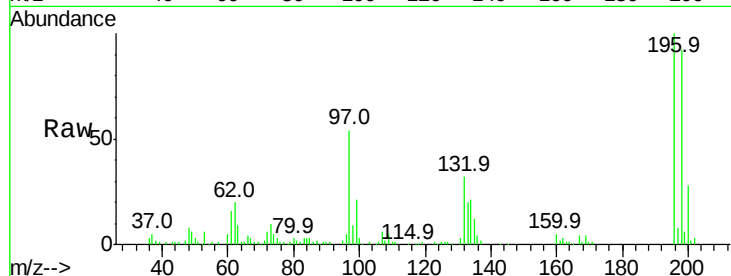




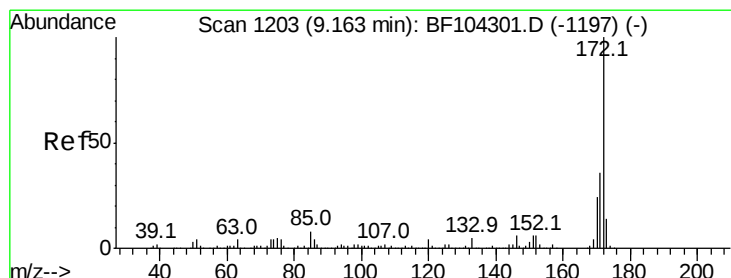
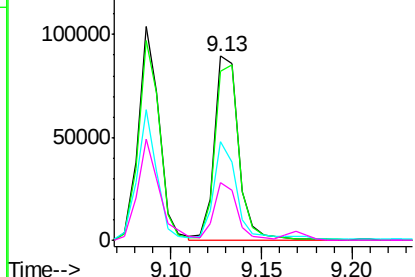
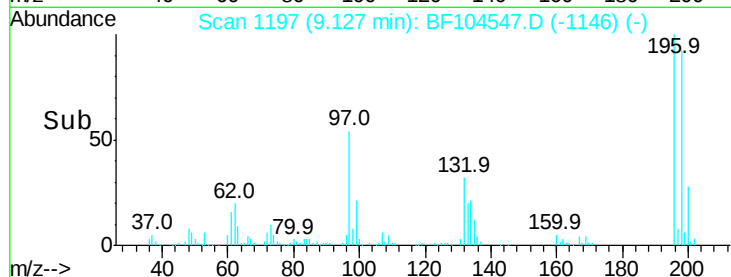
#43
 2,4,5-Trichlorophenol
 Concen: 16.131 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 83446
 Ion Ratio Lower Upper
 196 100
 198 91.9 74.6 112.0
 97 53.8 42.9 64.3
 132 31.5 26.3 39.5

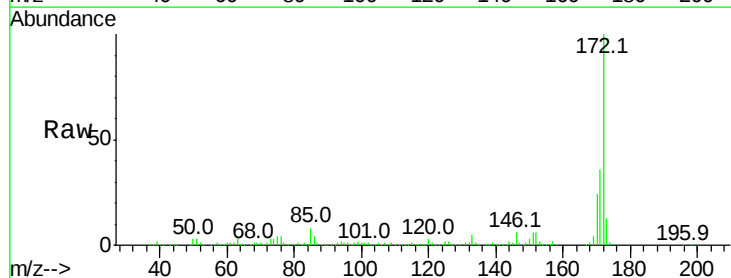


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

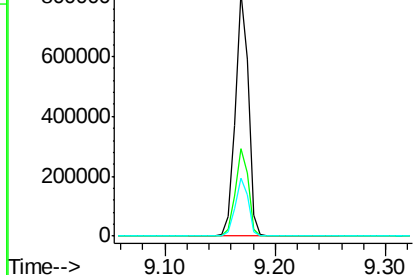
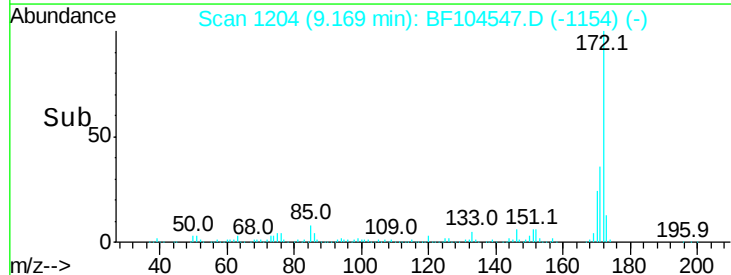


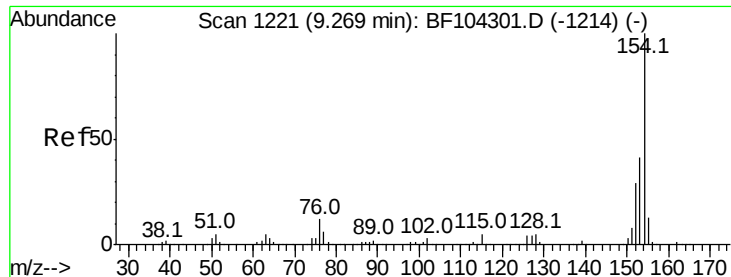
#44
 2-Fluorobiphenyl
 Concen: 46.213 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:172 Resp: 680531
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: 18.296 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

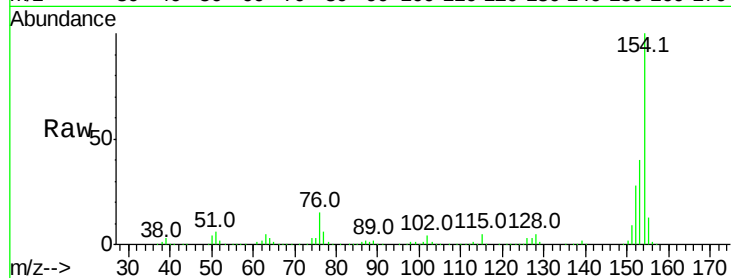
Tot Ion:154 Resp: 357555

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

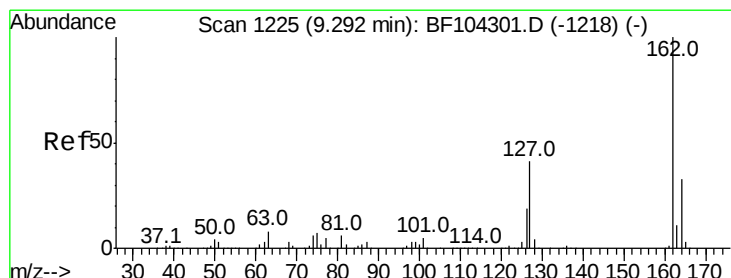
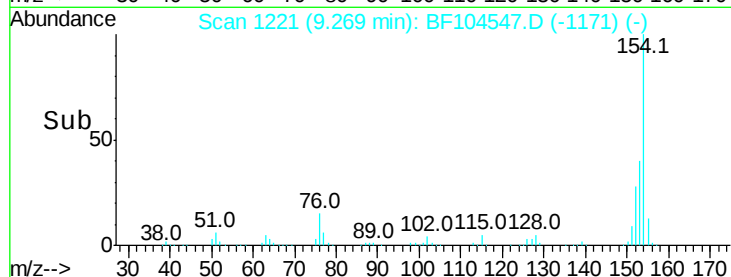
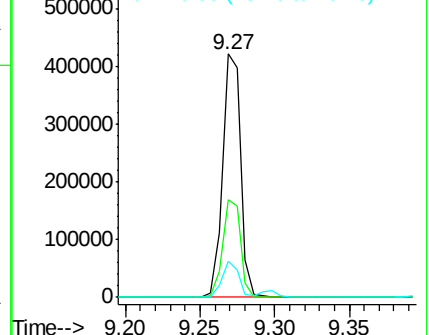
76 14.9 0.0 34.0



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: 17.795 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

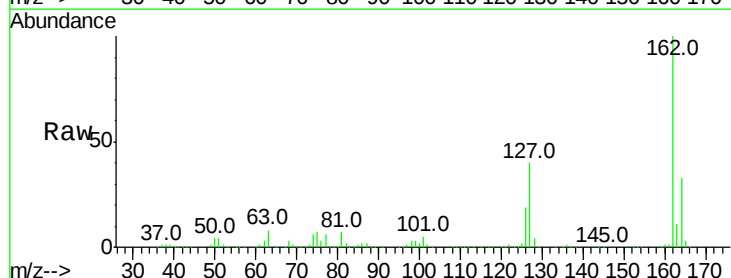
Tgt Ion:162 Resp: 274691

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

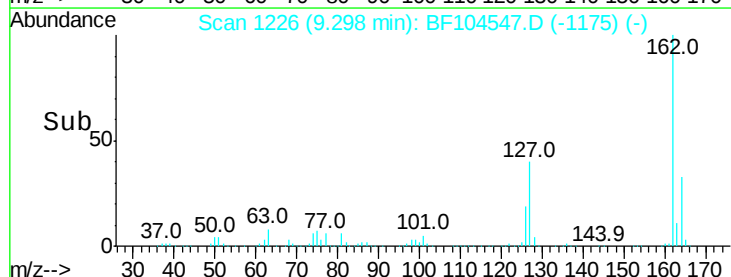
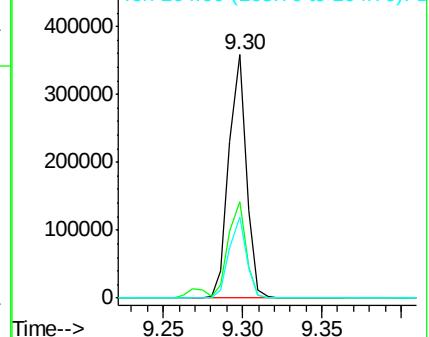
164 33.5 26.5 39.7

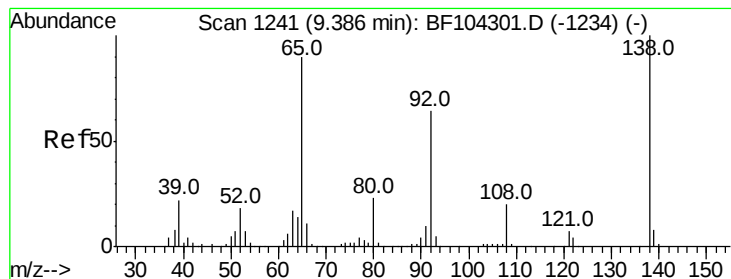


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 21.802 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

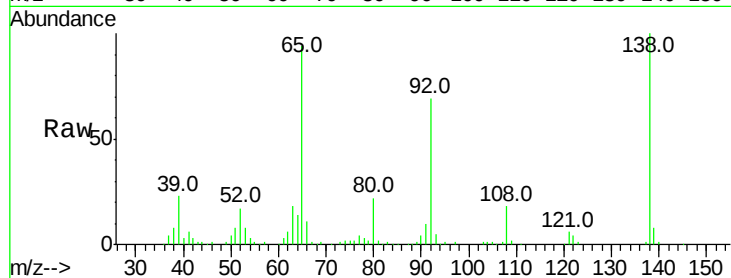
Tot Ion: 65 Resp: 83228

Ion Ratio Lower Upper

65 100

92 73.4 55.8 83.6

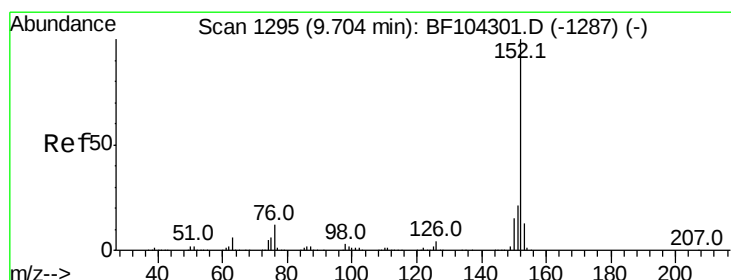
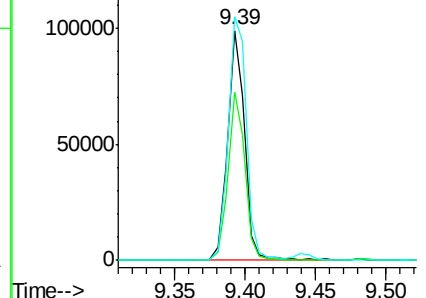
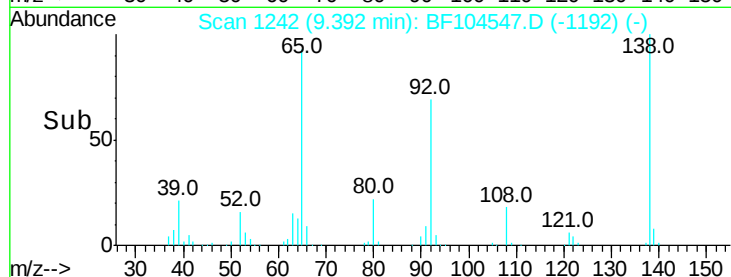
138 106.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 15.897 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

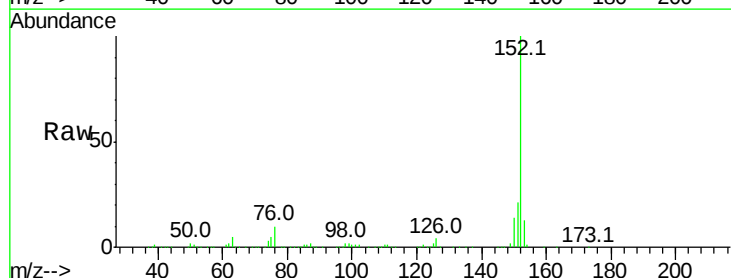
Tgt Ion: 152 Resp: 385007

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

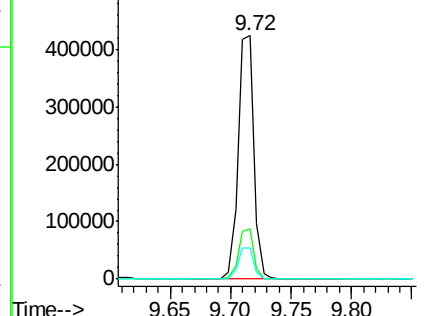
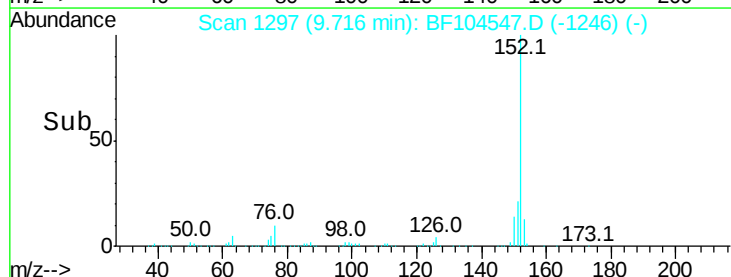
153 12.6 10.7 16.1

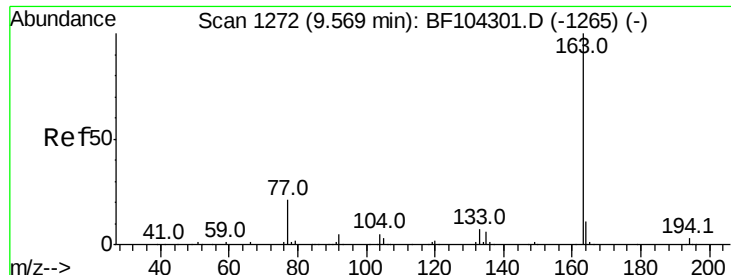


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

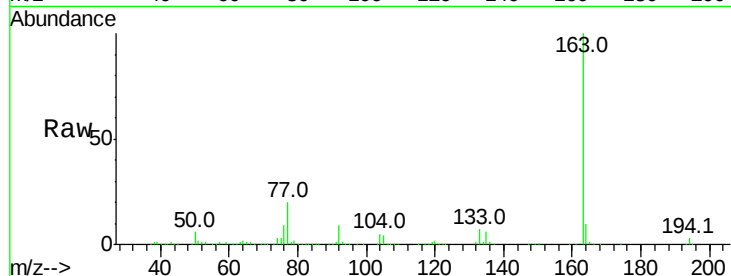




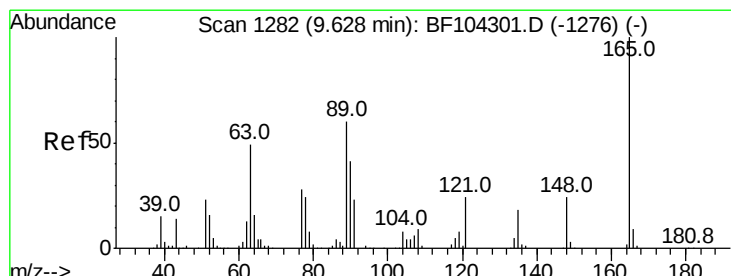
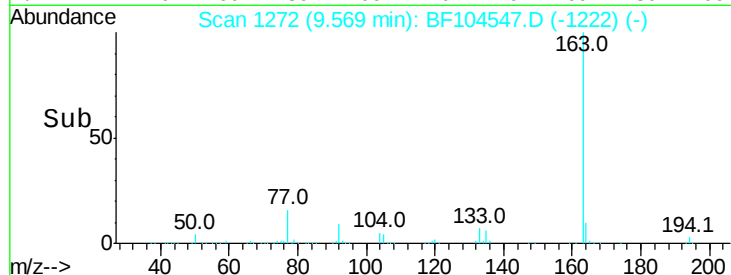
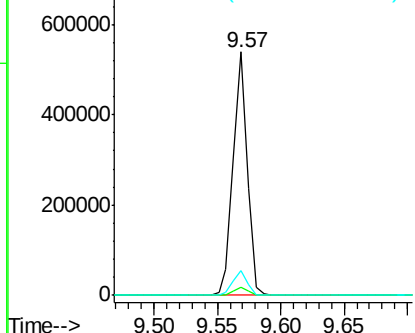
#49
Dimethylphthalate
Concen: 22.597 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 414532
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 8.2 12.2

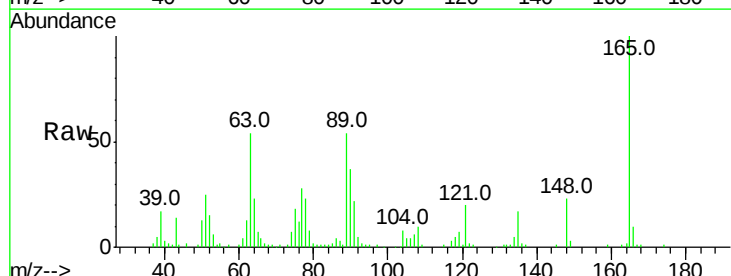


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

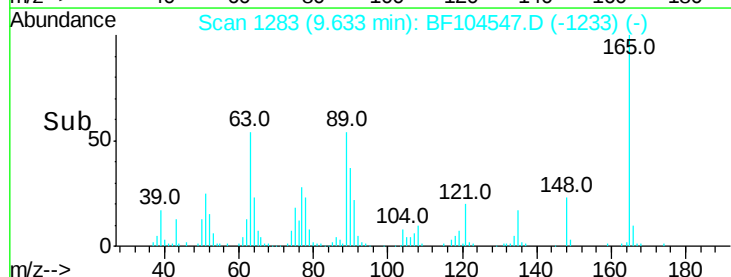
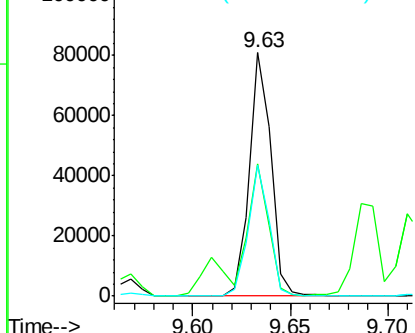


#50
2,6-Dinitrotoluene
Concen: 18.323 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:165 Resp: 62198
Ion Ratio Lower Upper
165 100
63 54.3 44.7 67.1
89 53.9 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

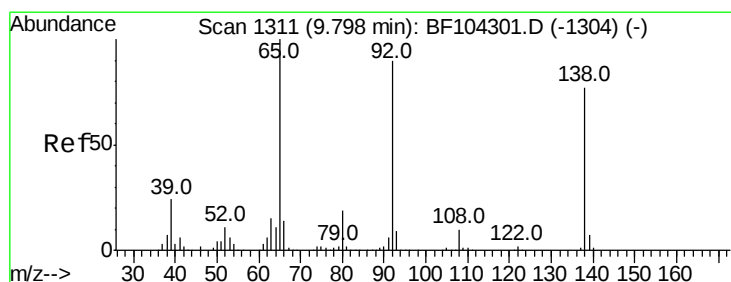
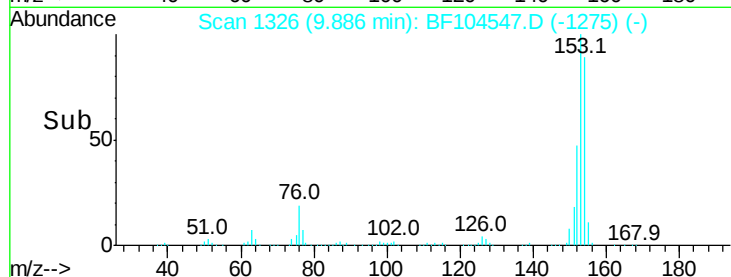
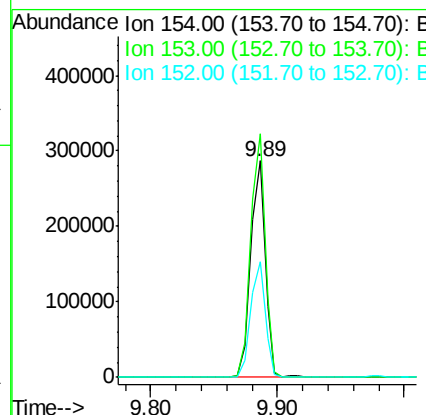
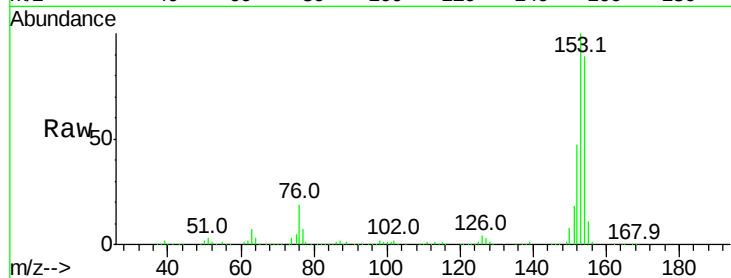




#51
Acenaphthene
Concen: 15.507 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

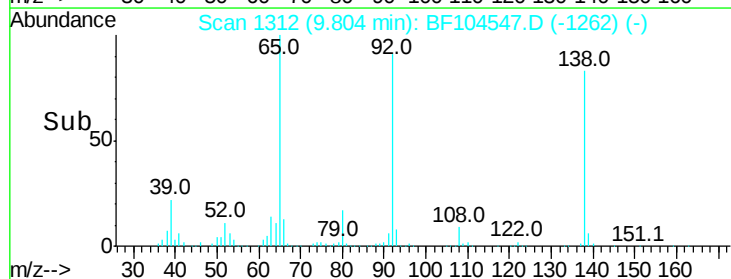
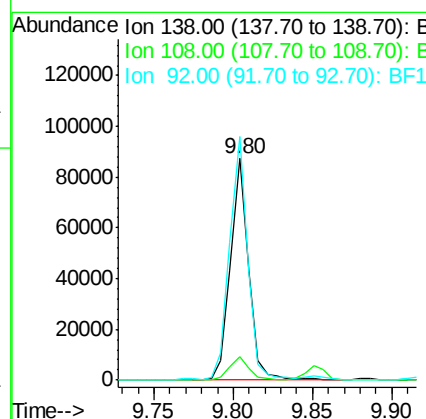
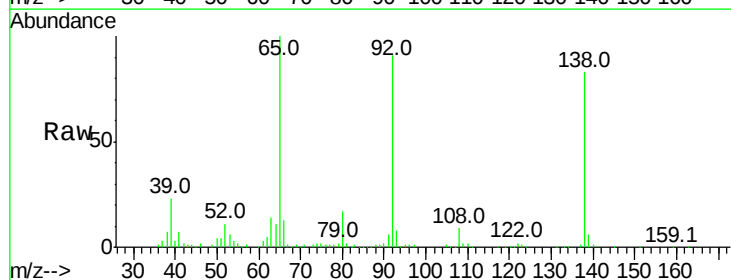
Instrument :
BNA_F
ClientSampleId :

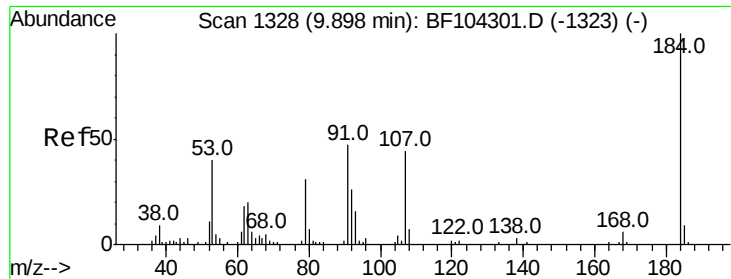
Tot Ion:154 Resp: 229150
Ion Ratio Lower Upper
154 100
153 112.4 91.2 136.8
152 53.2 43.8 65.8



#52
3-Nitroaniline
Concen: 17.420 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:138 Resp: 69227
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 109.8 89.4 134.2

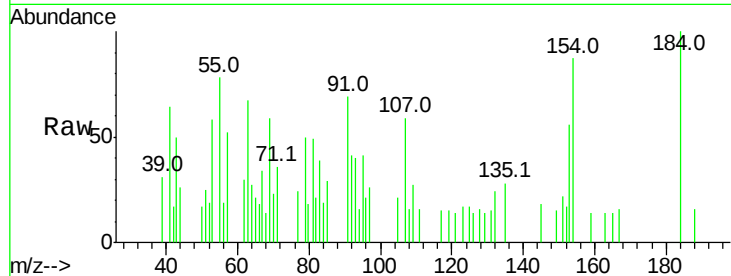




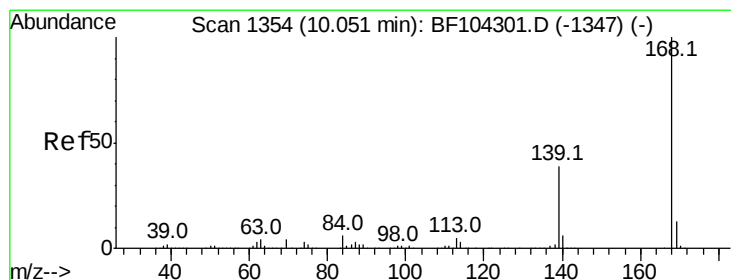
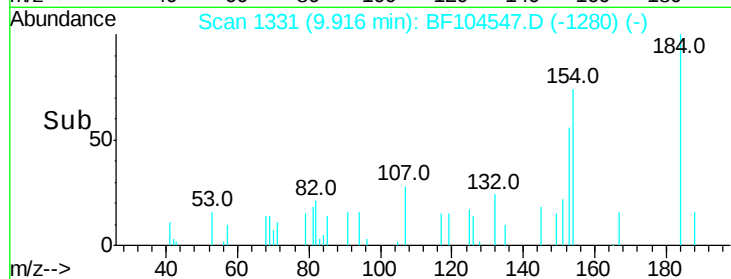
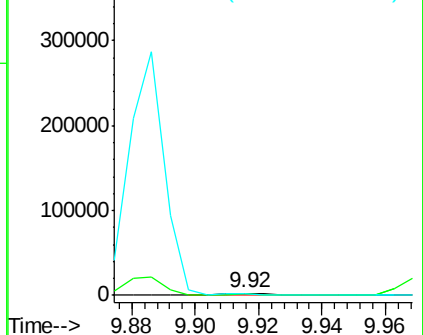
#53
 2,4-Dinitrophenol
 Concen: 7.489 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 2216
 Ion Ratio Lower Upper
 184 100
 63 67.1 54.2 81.2
 154 87.3 184.0 276.0#

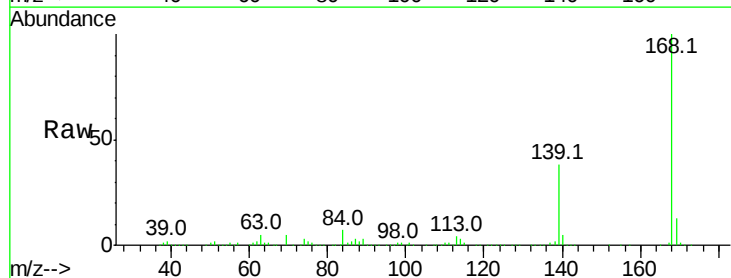


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

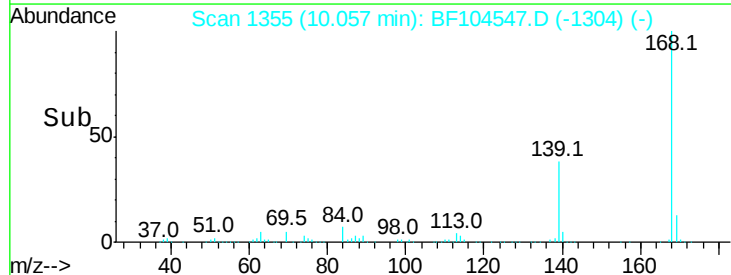
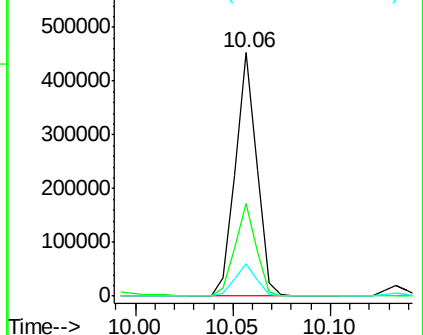


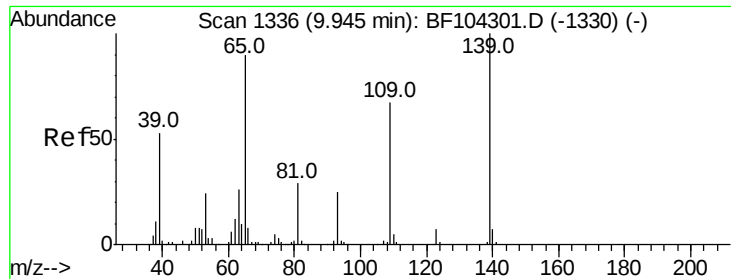
#54
 Dibenzofuran
 Concen: 16.762 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:168 Resp: 345178
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 13.3 10.9 16.3



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

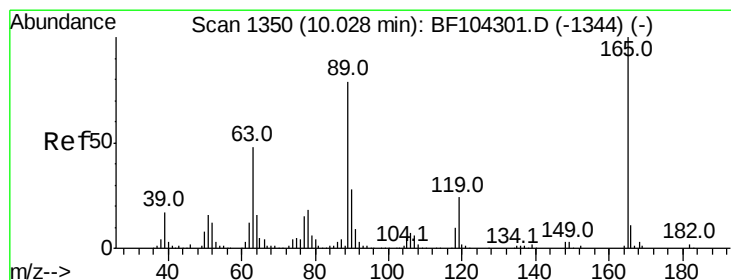
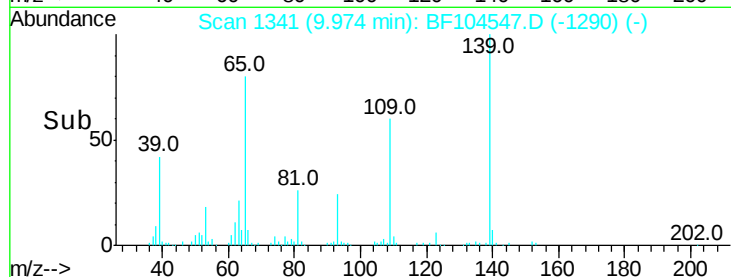
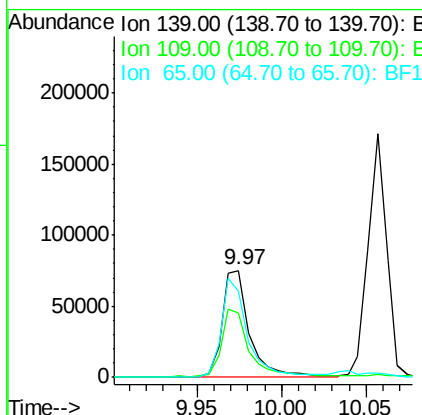
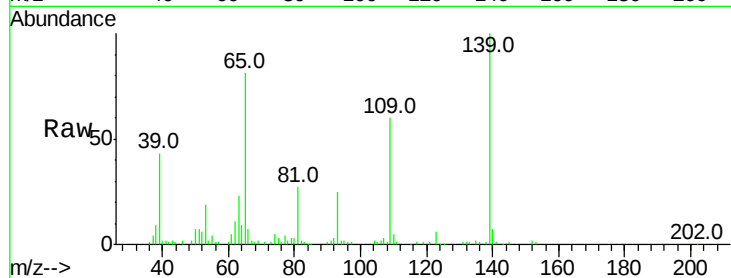




#55
4-Nitrophenol
Concen: 27.359 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

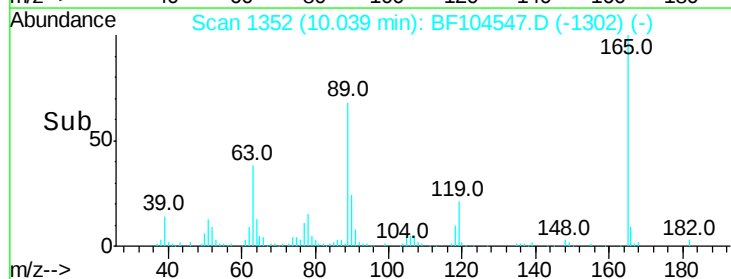
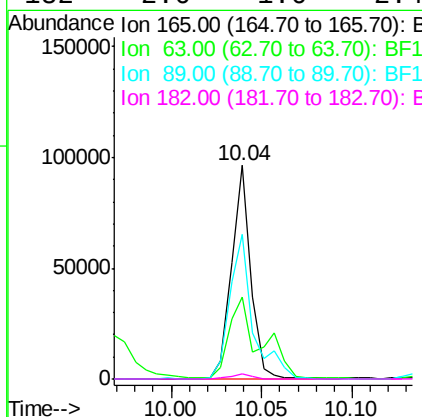
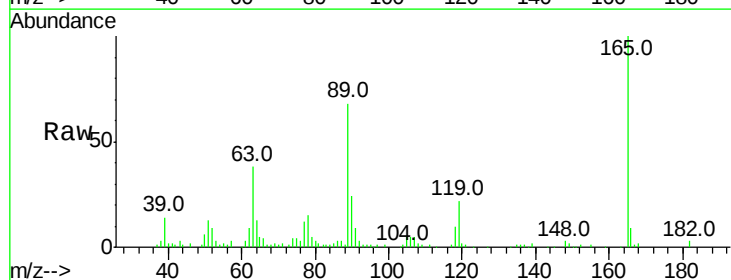
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 85407
Ion Ratio Lower Upper
139 100
109 60.4 48.4 88.4
65 80.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 16.079 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:165 Resp: 71593
Ion Ratio Lower Upper
165 100
63 38.3 36.4 54.6
89 67.6 57.8 86.6
182 2.6 1.6 2.4#

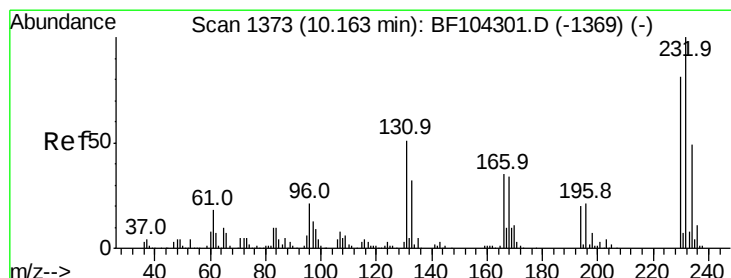
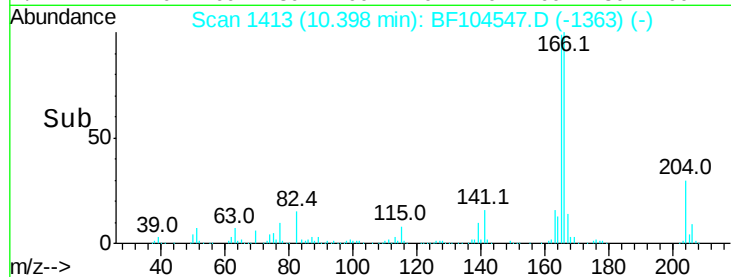
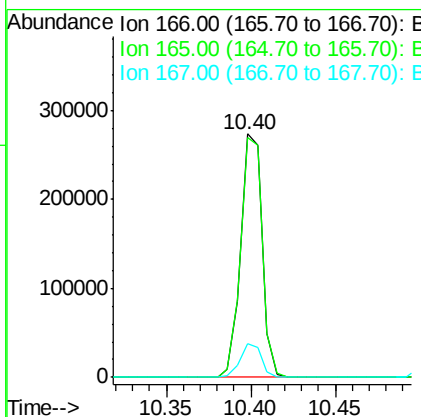
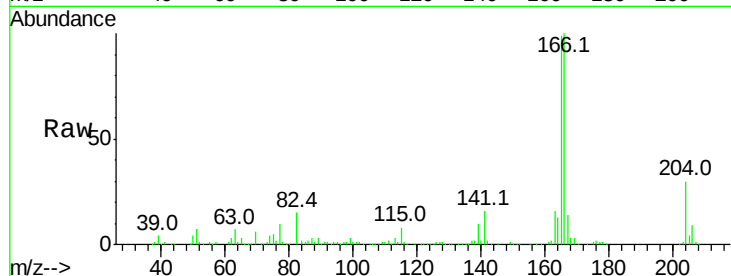




#57
 Fluorene
 Concen: 16.191 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

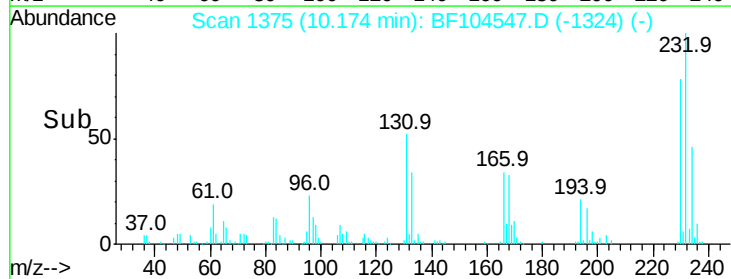
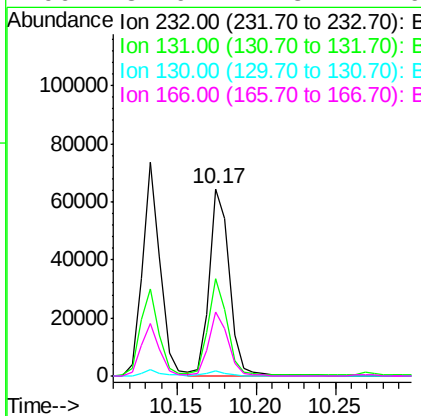
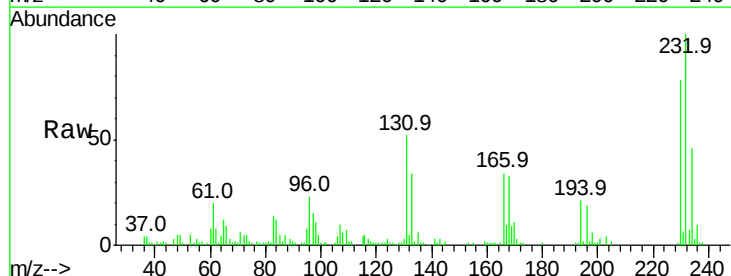
Instrument :
 BNA_F
 ClientSampleId :

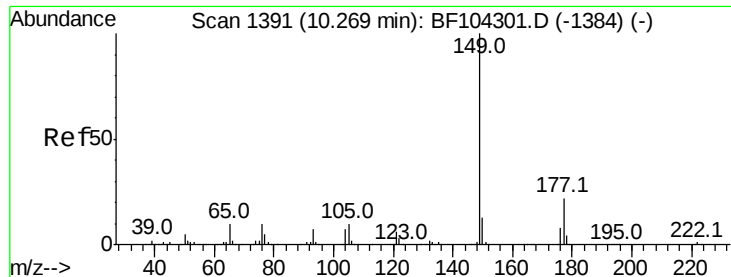
Tot Ion:166 Resp: 242684
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.012 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:232 Resp: 57935
 Ion Ratio Lower Upper
 232 100
 131 49.6 43.8 65.8
 130 2.8 2.1 3.1
 166 32.9 27.8 41.6

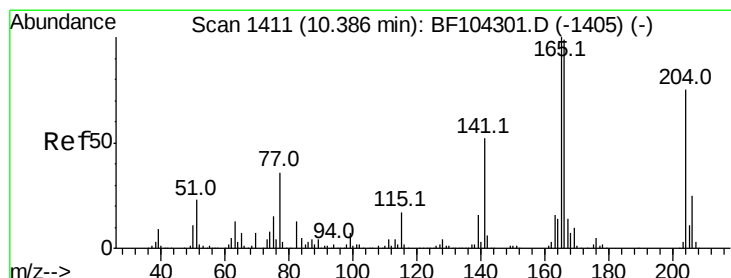
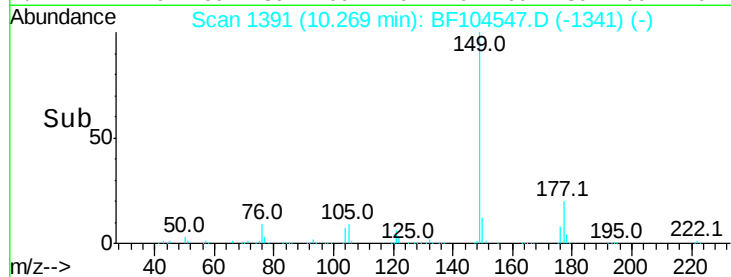
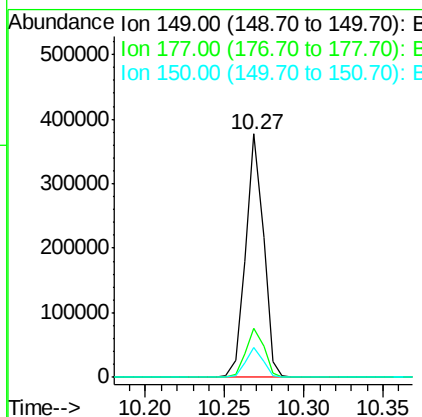
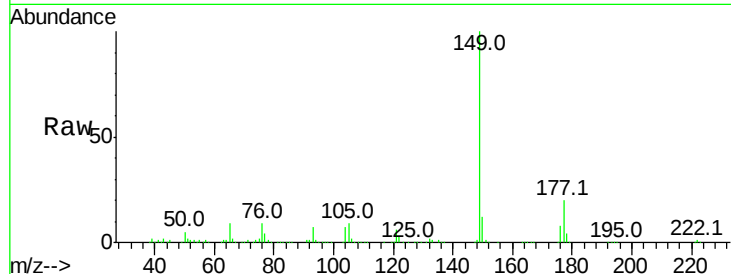




#59
Diethylphthalate
Concen: 16.085 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

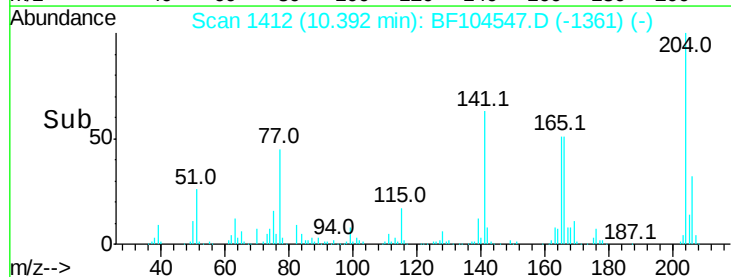
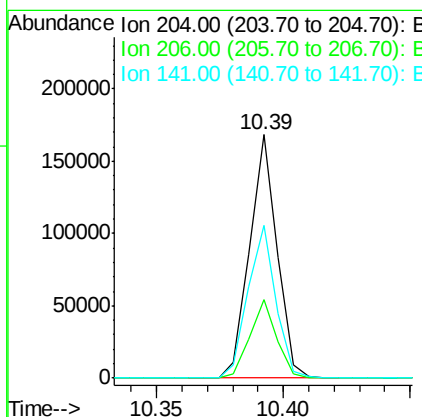
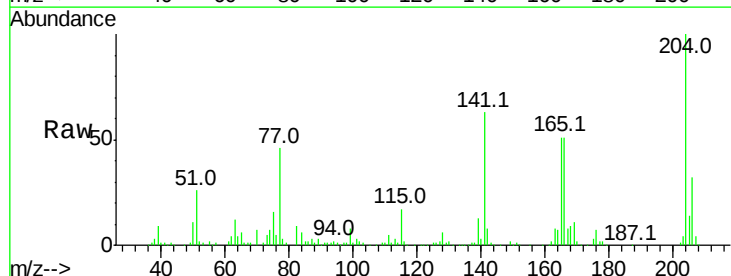
Instrument :
BNA_F
ClientSampleId :

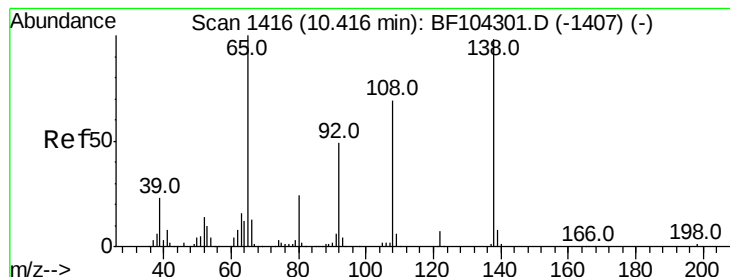
Tot Ion:149 Resp: 293875
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 18.955 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:204 Resp: 126531
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 62.7 54.6 81.8





#61

4-Nitroaniline

Concen: 16.716 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

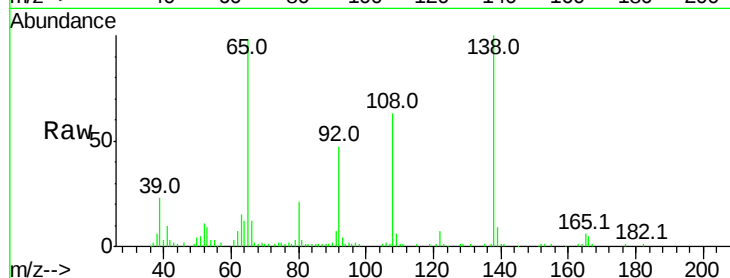
Tot Ion:138 Resp: 64953

Ion Ratio Lower Upper

138 100

92 46.7 30.2 70.2

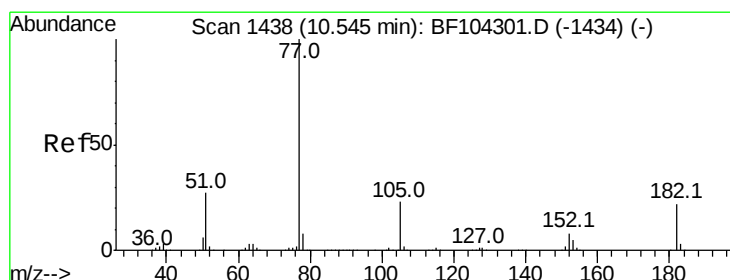
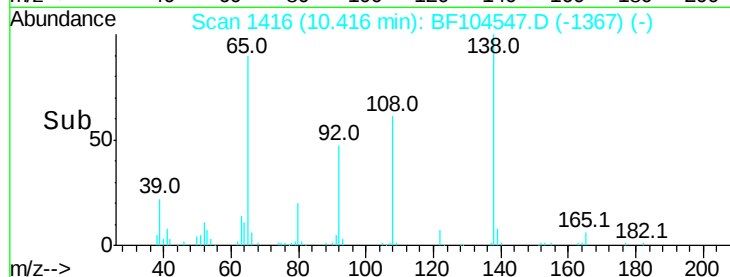
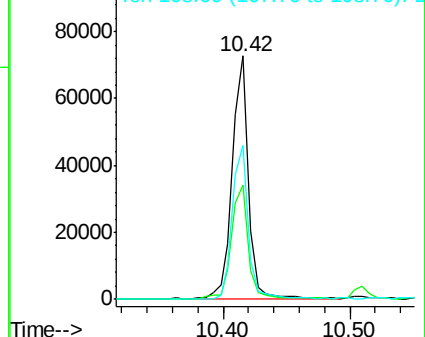
108 63.5 52.5 92.5



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: 14.988 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Tgt Ion: 77 Resp: 261622

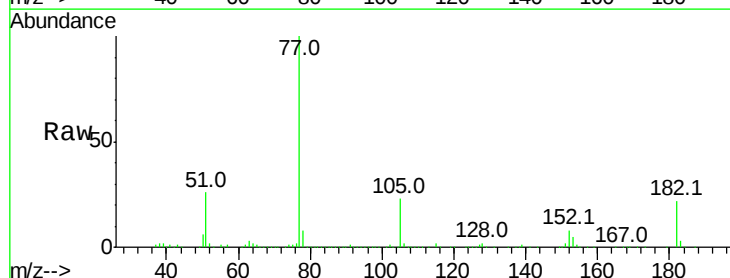
Ion Ratio Lower Upper

77 100

182 22.5 1.7 41.7

105 22.9 3.0 43.0

51 25.9 9.9 49.9

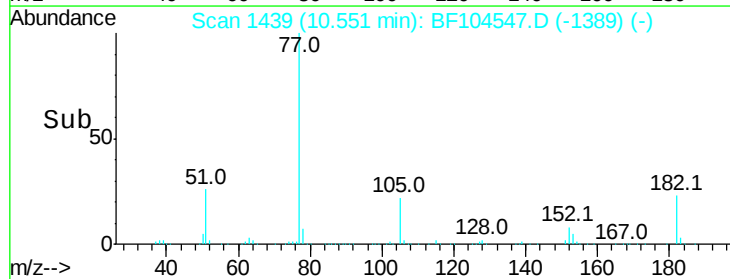
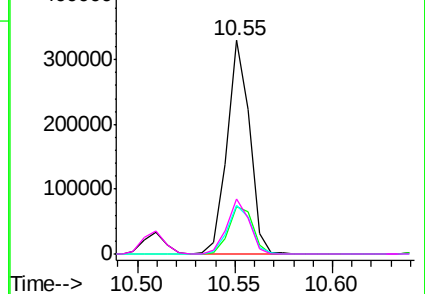


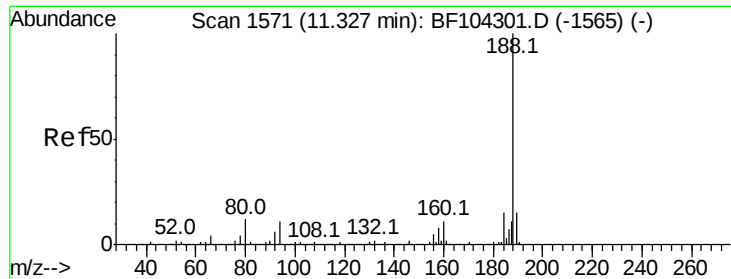
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

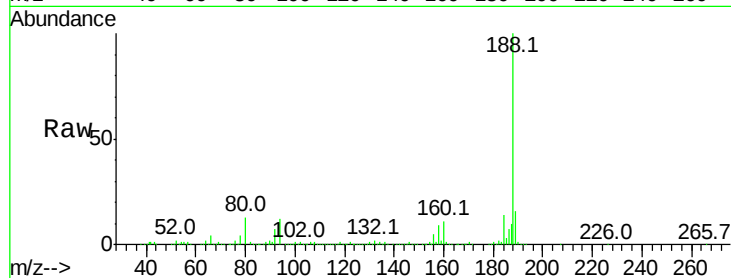




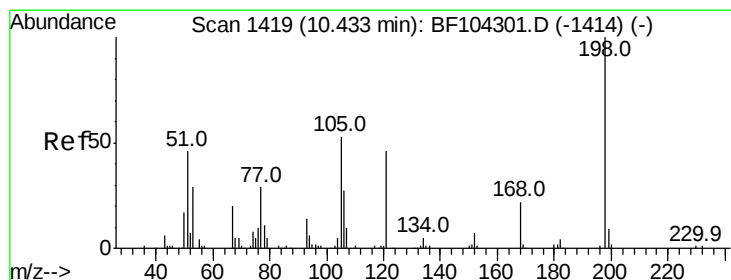
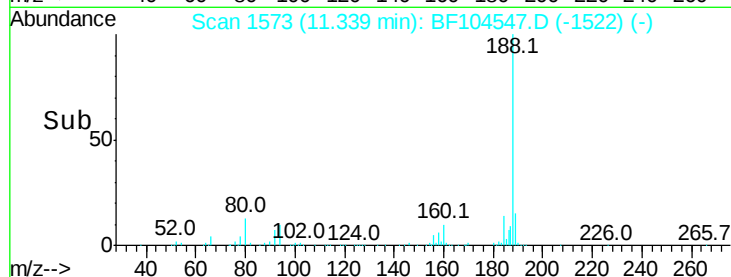
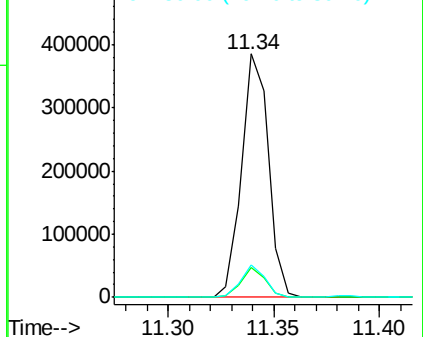
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 339911
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.4 9.2 13.8

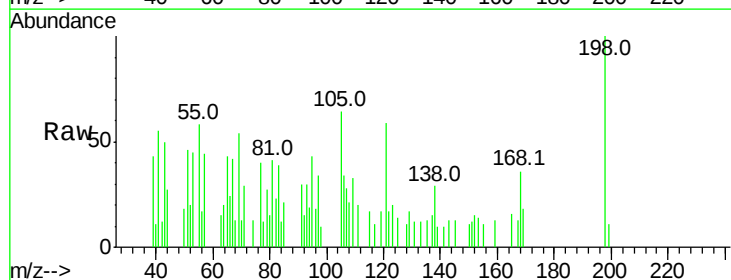


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

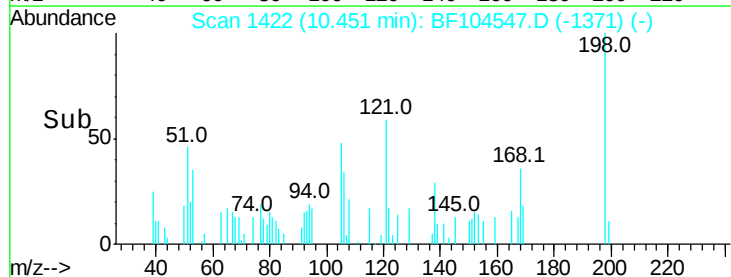
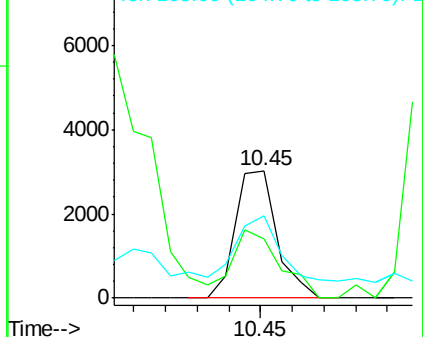


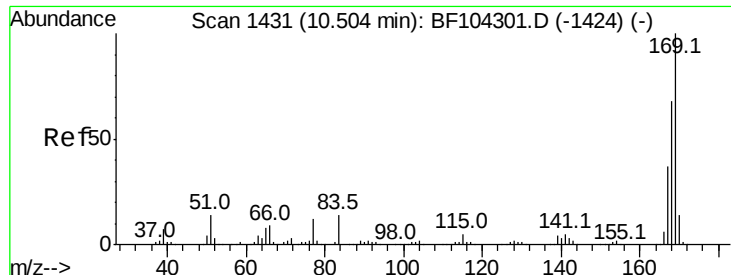
#64
4,6-Dinitro-2-methylphenol
Concen: 8.753 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:198 Resp: 2748
Ion Ratio Lower Upper
198 100
51 46.3 37.7 77.7
105 64.2 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

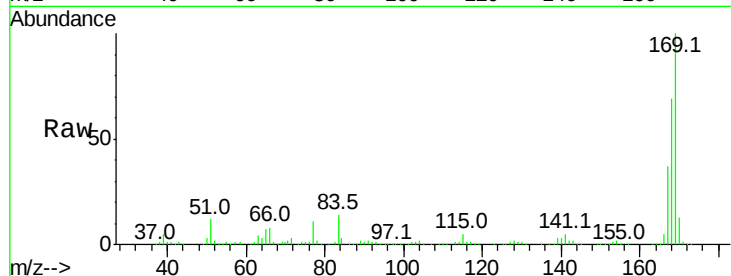




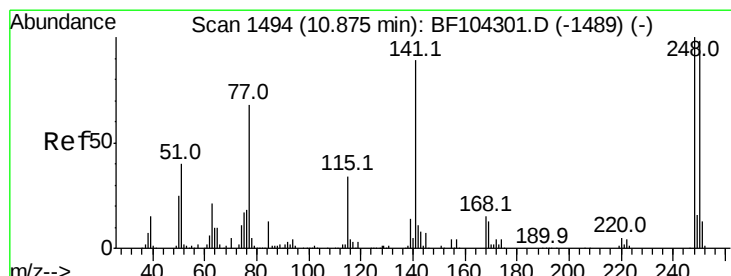
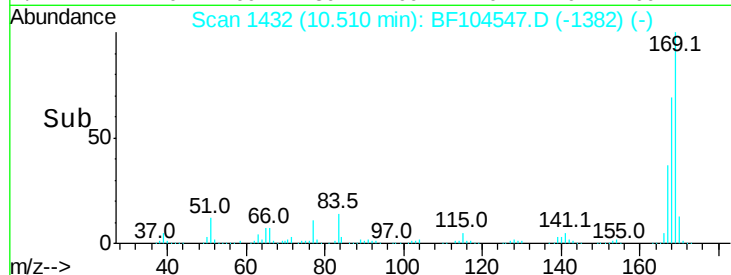
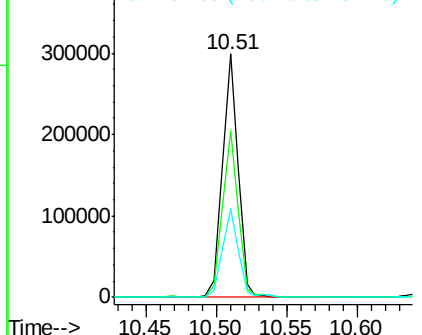
#65
 n-Nitrosodiphenylamine
 Concen: 19.615 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 231172
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.4 81.6
 167 36.5 29.8 44.6

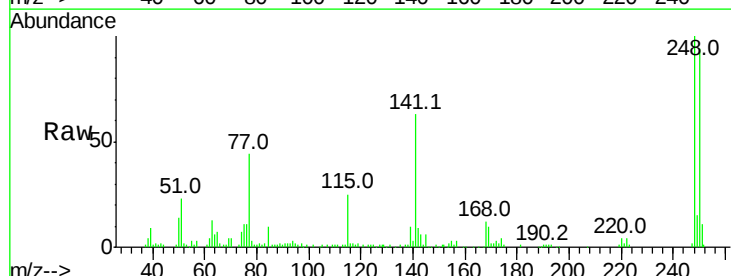


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

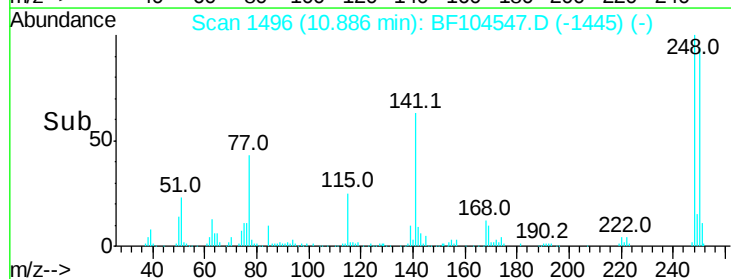
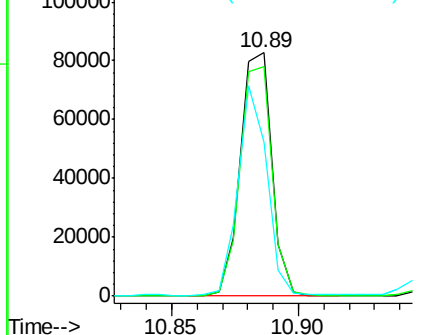


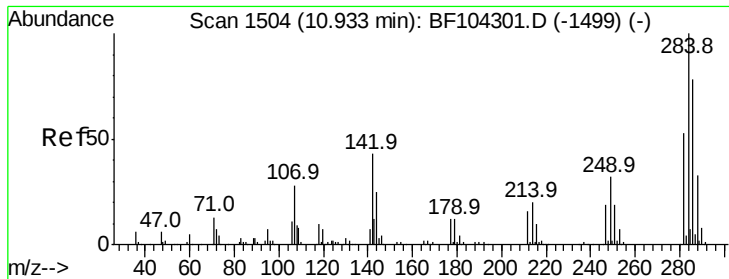
#66
 4-Bromophenyl-phenylether
 Concen: 19.784 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:248 Resp: 71529
 Ion Ratio Lower Upper
 248 100
 250 94.0 76.9 115.3
 141 63.4 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

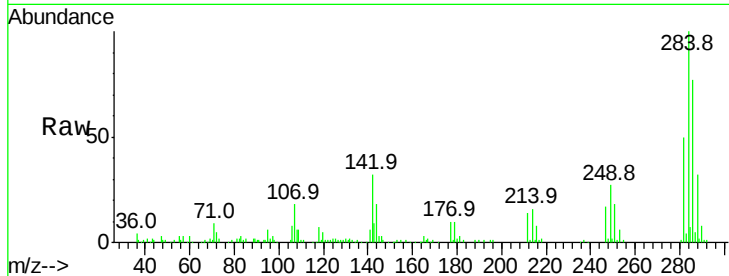




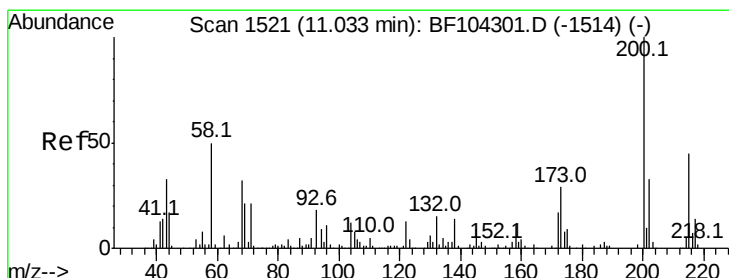
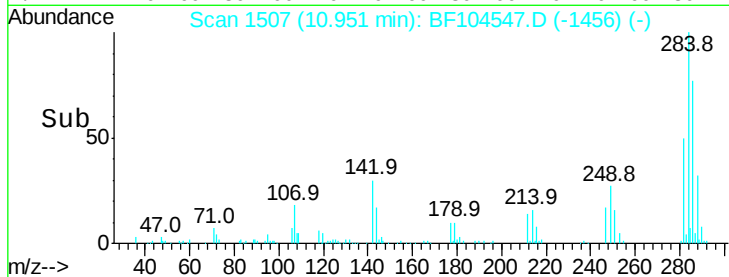
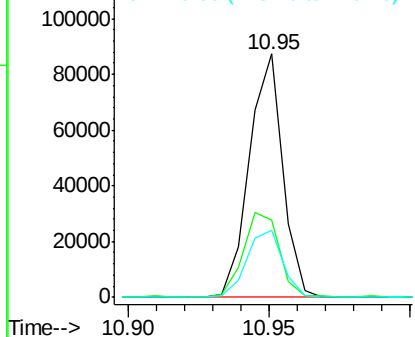
#67
Hexachlorobenzene
Concen: 17.537 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 71345
Ion Ratio Lower Upper
284 100
142 31.8 34.6 52.0#
249 27.4 24.8 37.2

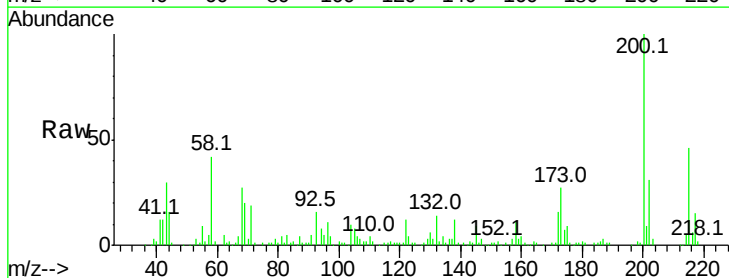


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

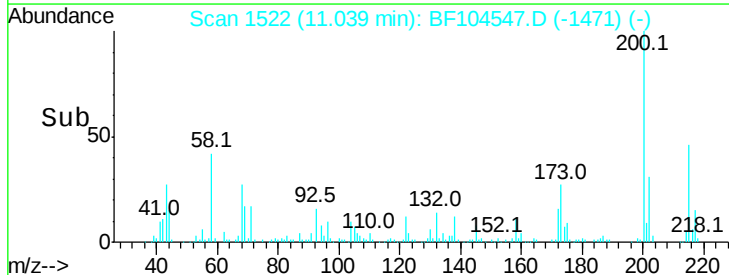
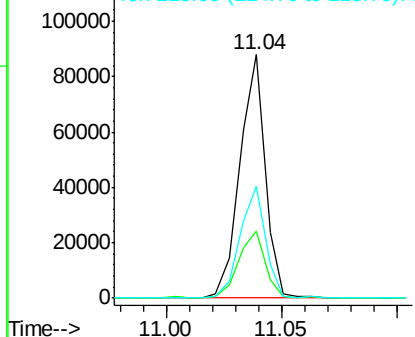


#68
Atrazine
Concen: 18.895 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:200 Resp: 67217
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.0 25.1 65.1



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

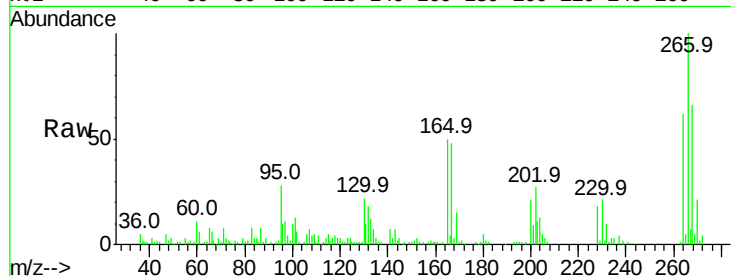




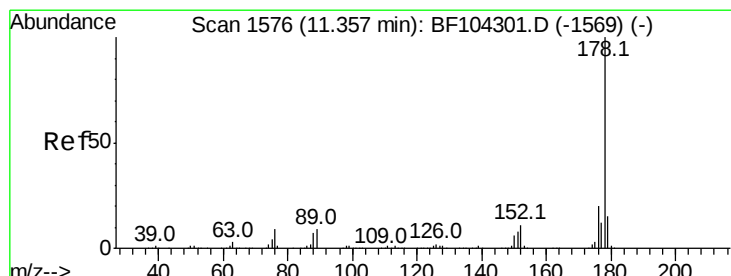
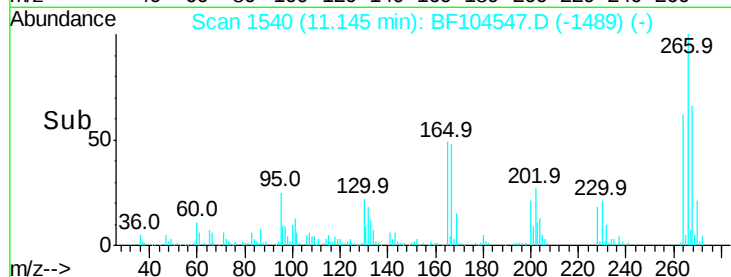
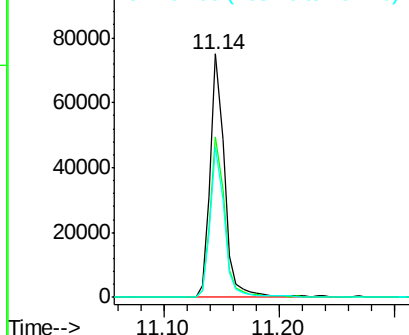
#69
 Pentachlorophenol
 Concen: 26.072 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 65619
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 61.5 49.5 74.3

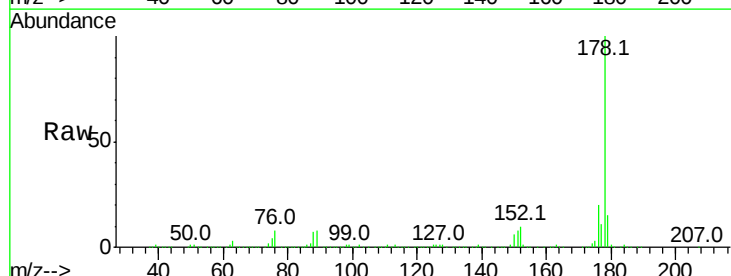


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

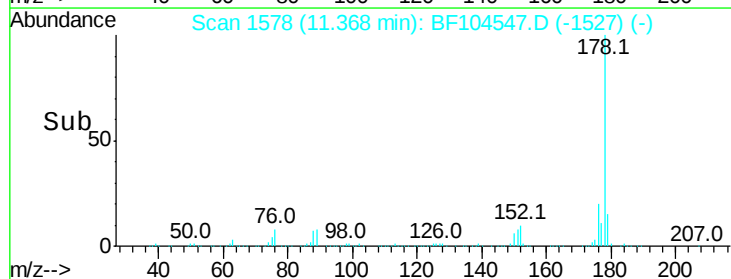
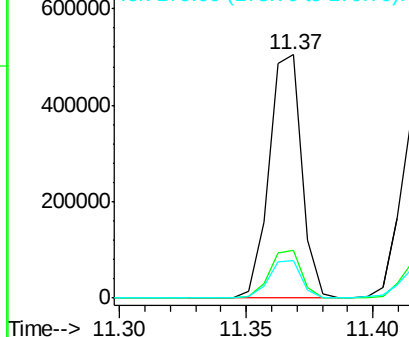


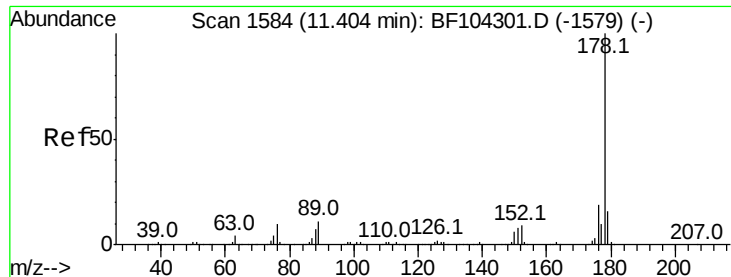
#70
 Phenanthrene
 Concen: 24.131 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:178 Resp: 456794
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.2 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

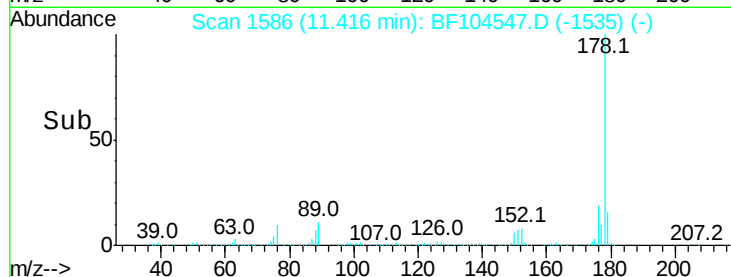
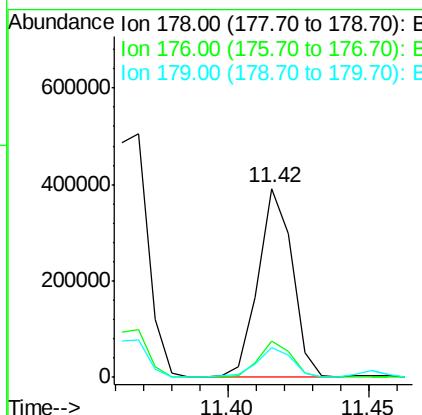
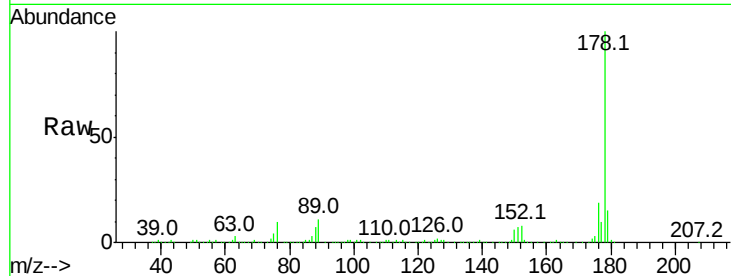




#71
 Anthracene
 Concen: 16.981 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

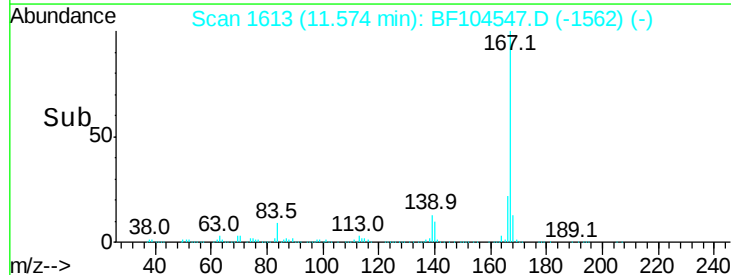
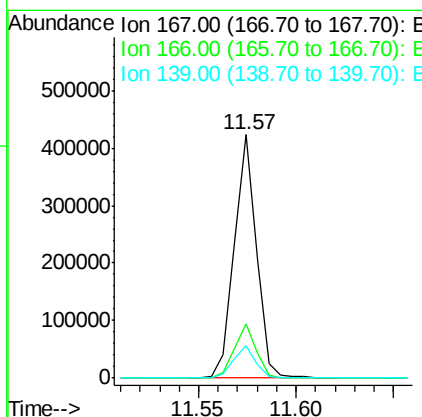
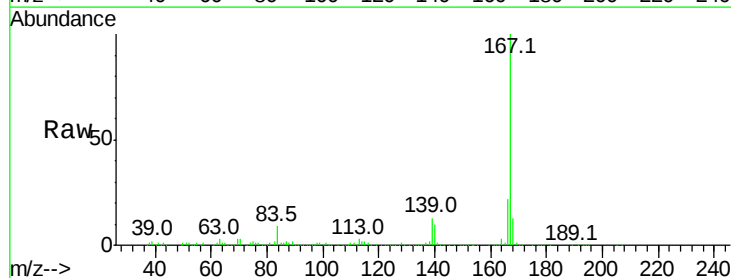
Instrument :
 BNA_F
 ClientSampleId :

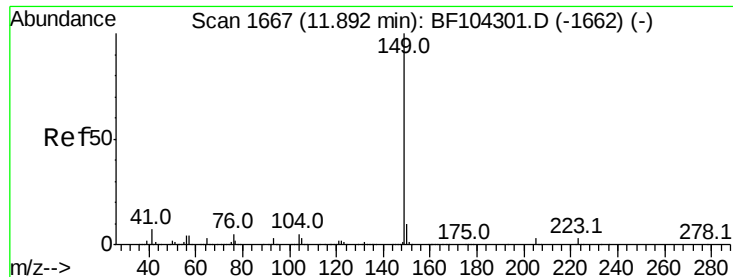
Tot Ion:178 Resp: 326744
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 17.659 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion:167 Resp: 332044
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 17.160 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

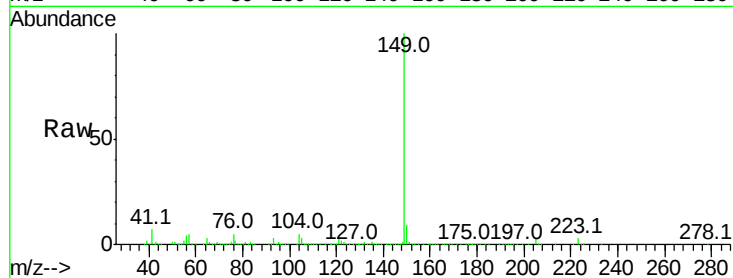
Tot Ion:149 Resp: 394151

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

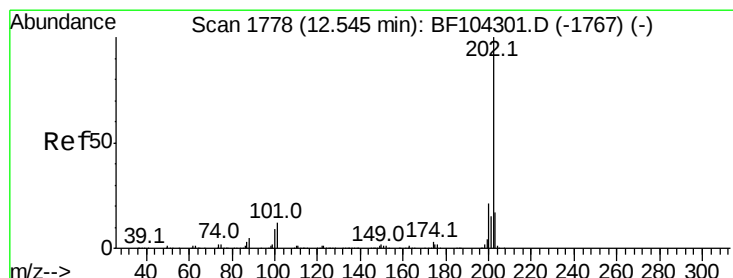
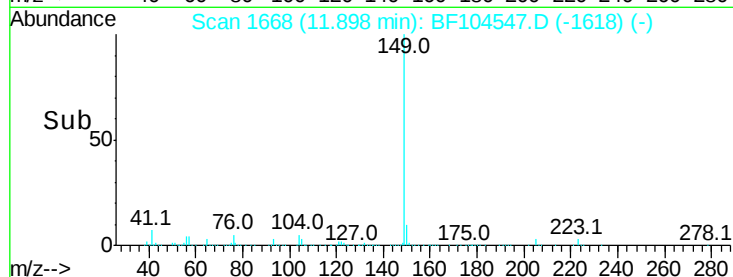
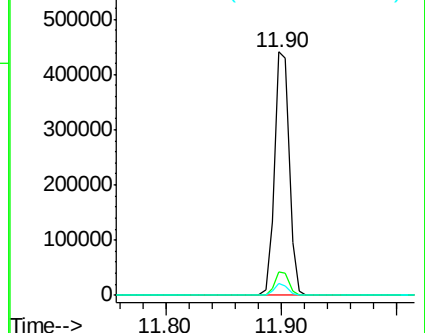
104 4.7 3.8 5.8



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: 35.464 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

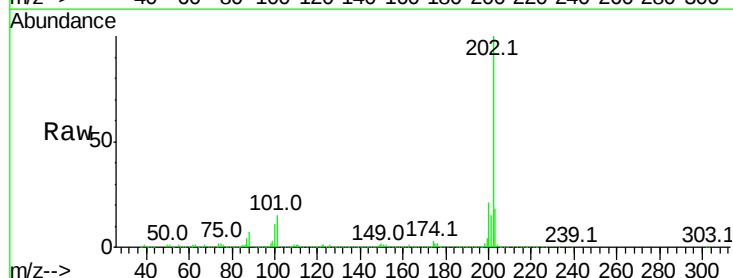
Tgt Ion:202 Resp: 701393

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

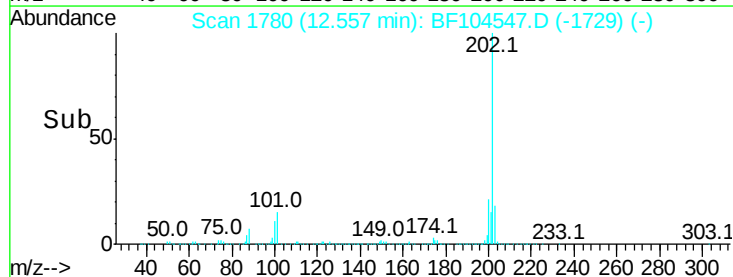
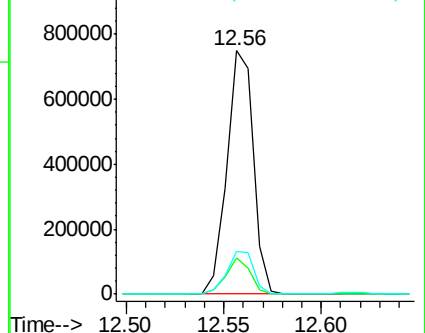
203 17.7 0.0 38.1

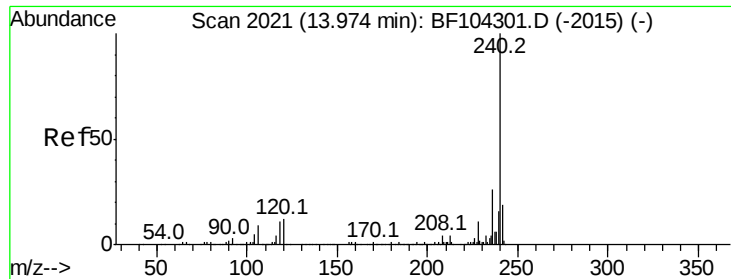


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

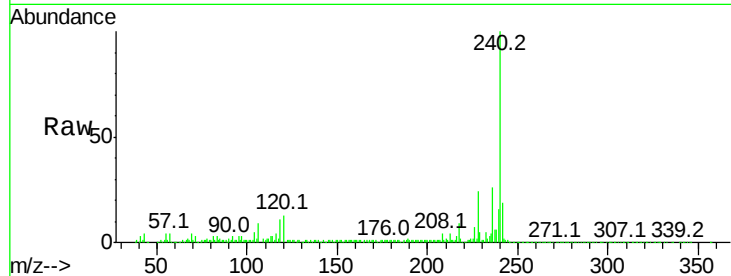
Tot Ion:240 Resp: 274358

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

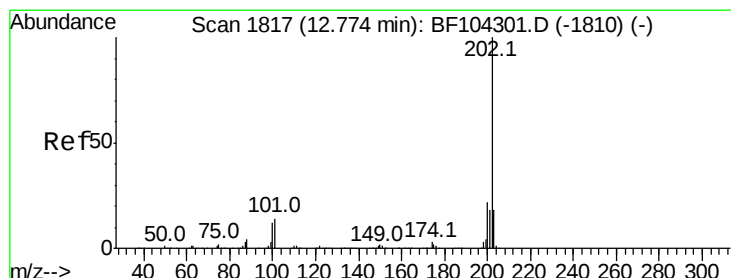
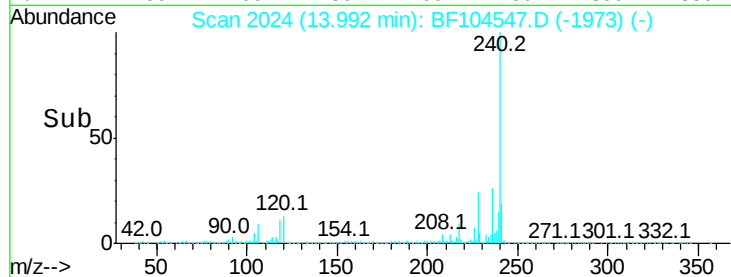
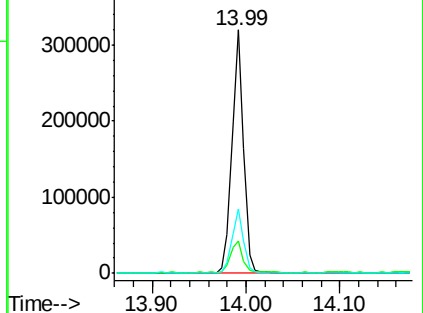
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 32.607 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

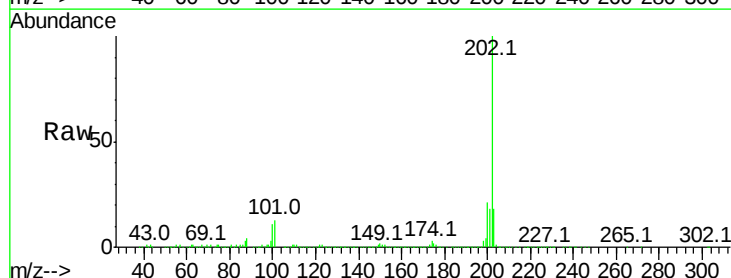
Tgt Ion:202 Resp: 663113

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

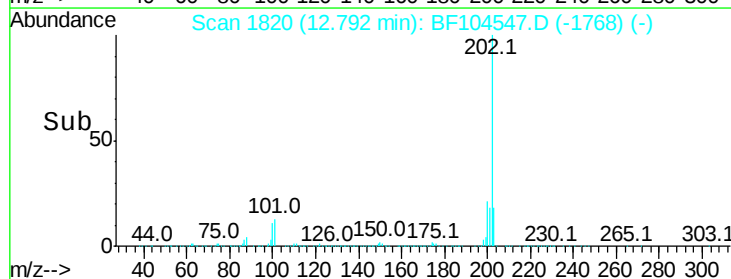
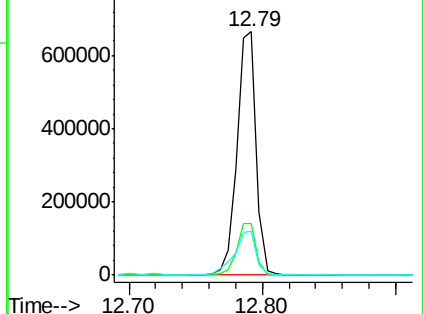
203 17.9 14.3 21.5

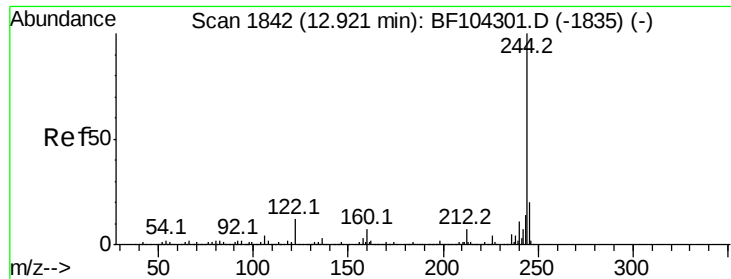


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

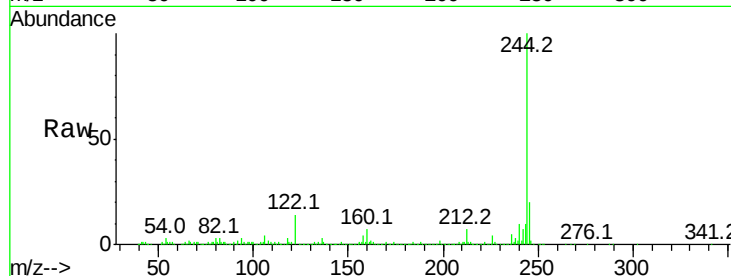




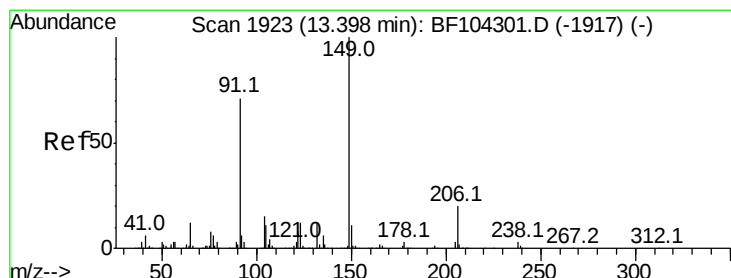
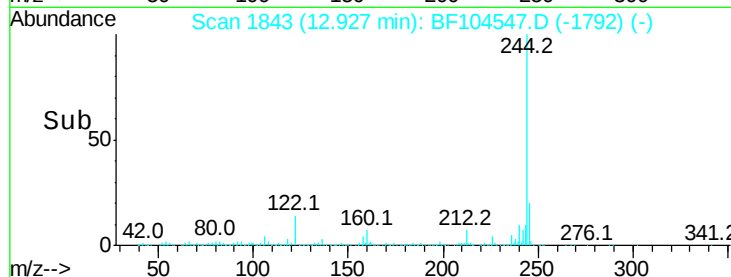
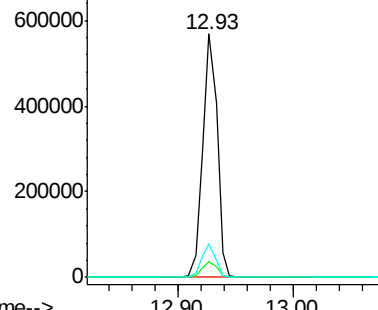
#78
 Terphenyl-d14
 Concen: 40.873 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.9	11.0	16.4

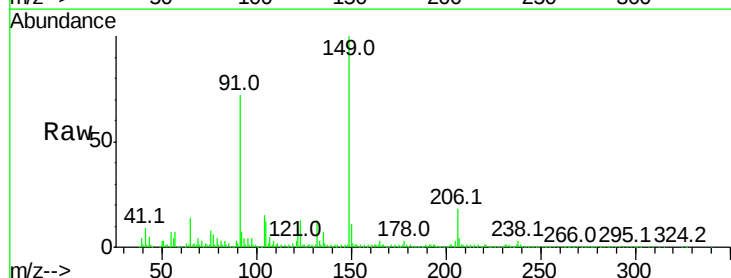


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

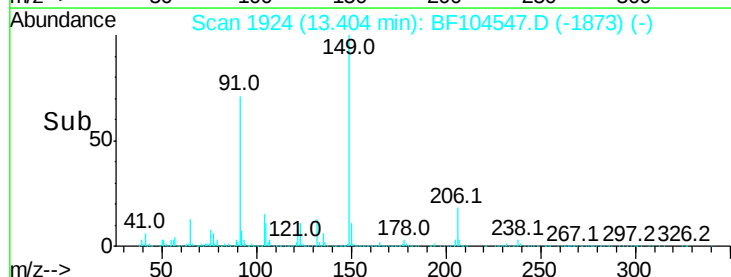
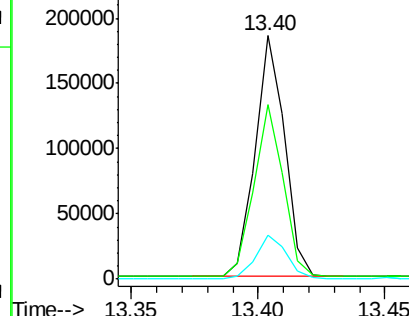


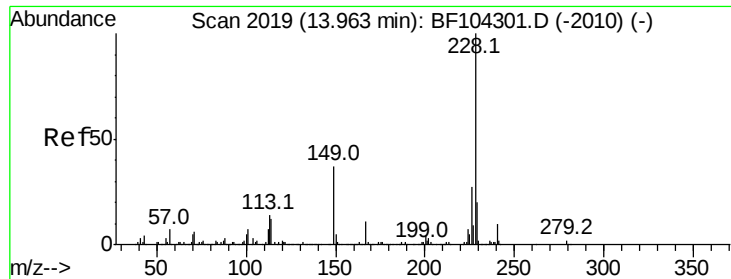
#79
 Butylbenzylphthalate
 Concen: 15.513 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BF104547.D
 Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.8	85.2
206	18.2	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

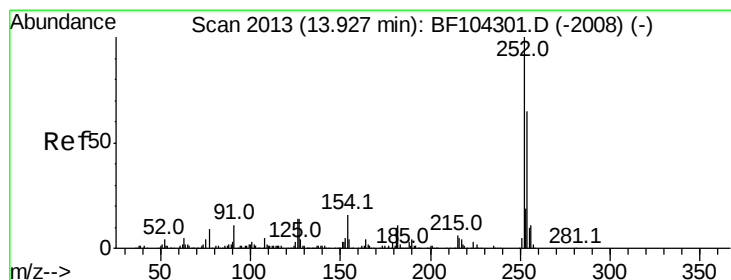
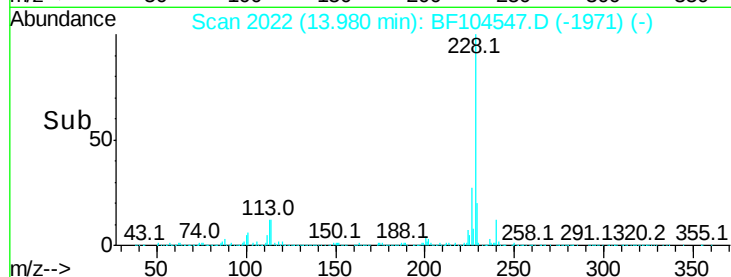
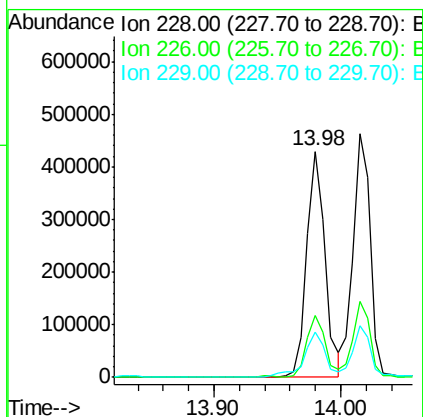
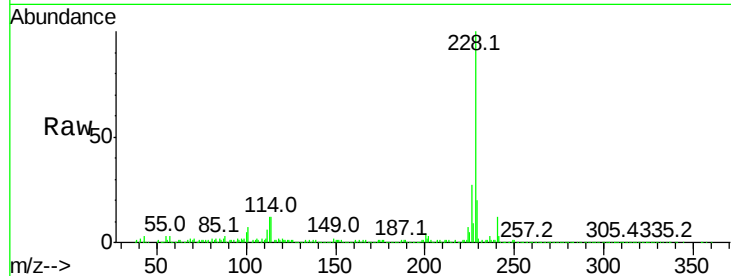




#80
Benzo(a)anthracene
Concen: 26.216 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

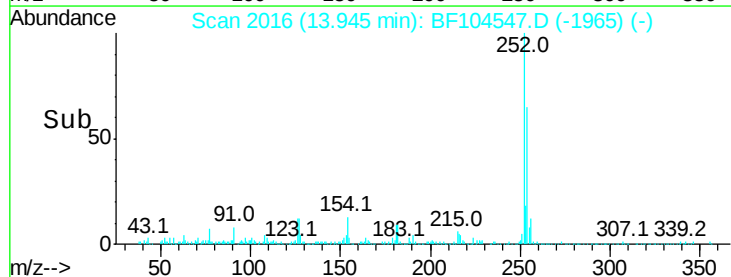
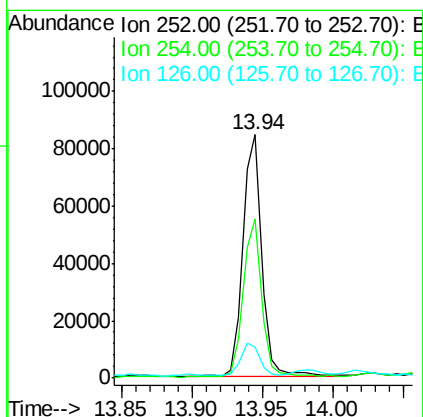
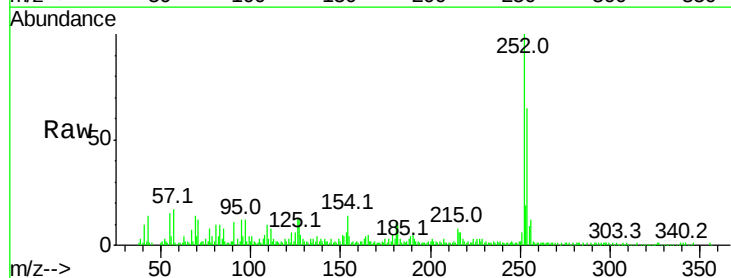
Instrument :
BNA_F
ClientSampleId :

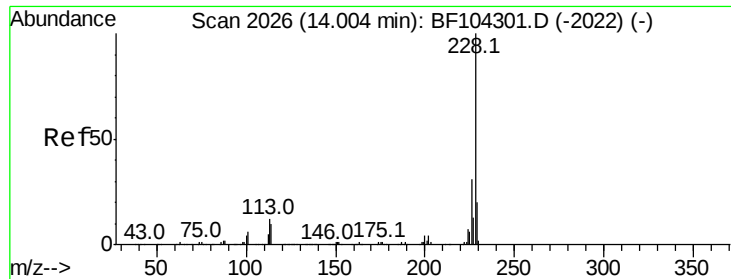
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.1	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 12.903 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	12.6	11.3	16.9

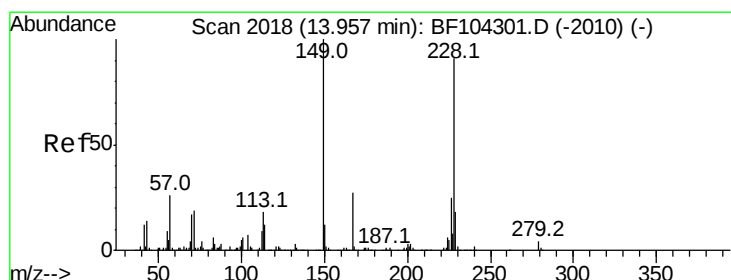
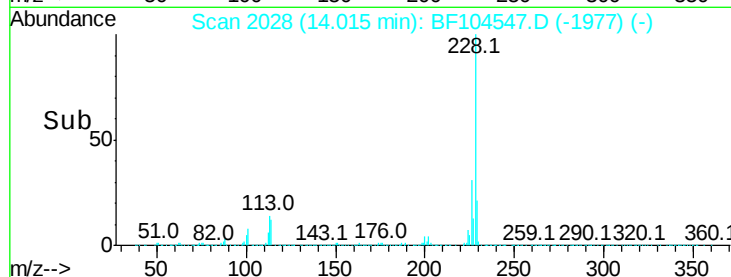
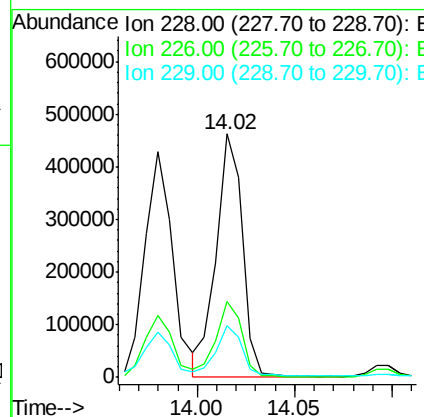
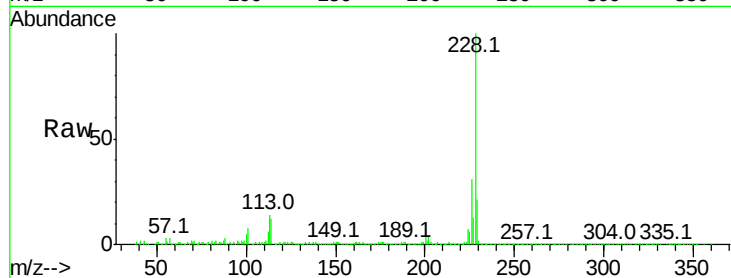




#82
Chrysene
Concen: 25.690 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

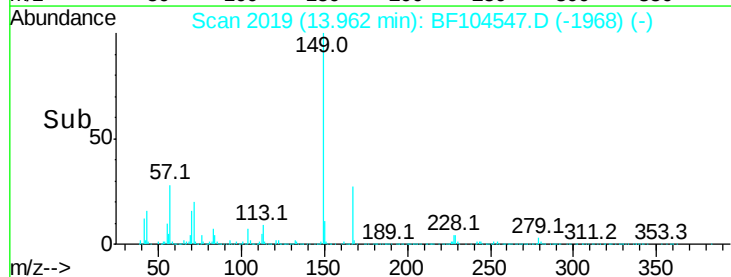
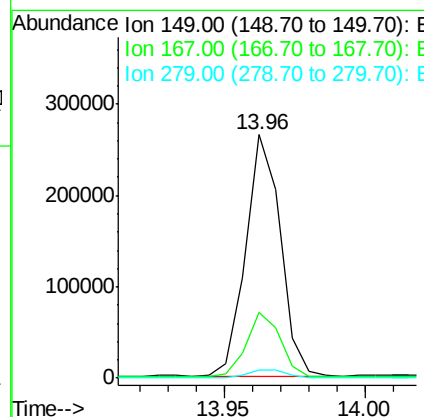
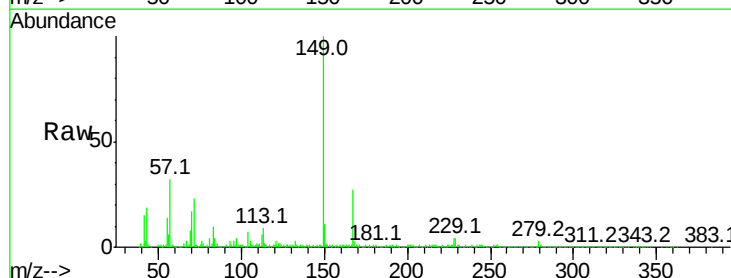
Instrument :
BNA_F
ClientSampleId :

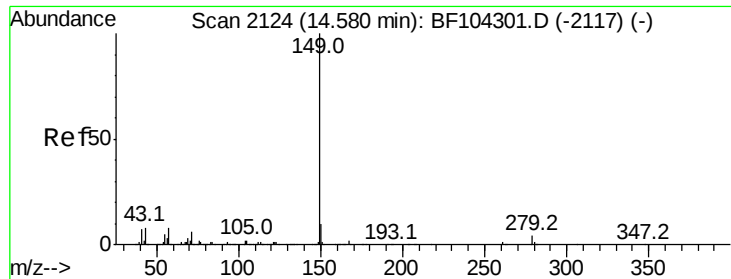
Tot Ion:228 Resp: 432496
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 21.0 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 18.221 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:149 Resp: 224541
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.1 3.0 4.4

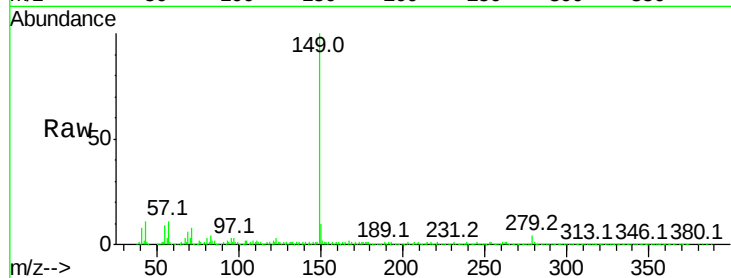




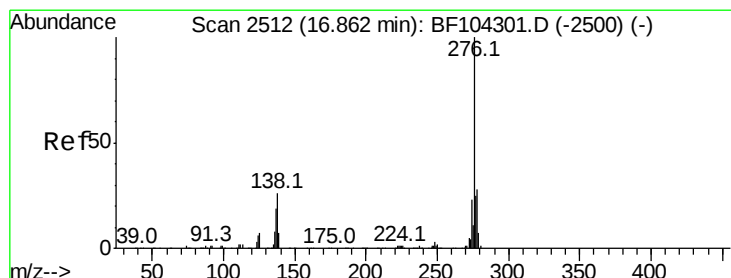
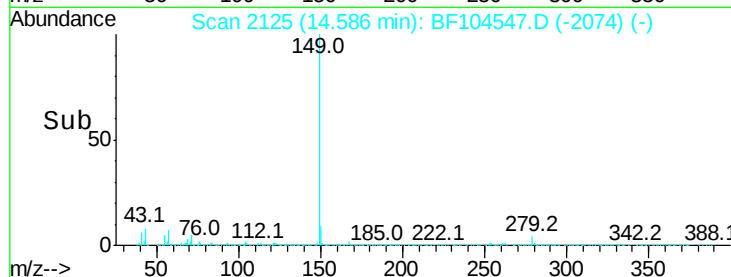
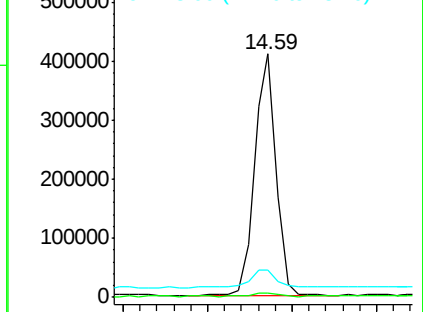
#84
Di-n-octyl phthalate
Concen: 17.337 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.9	8.4	12.6

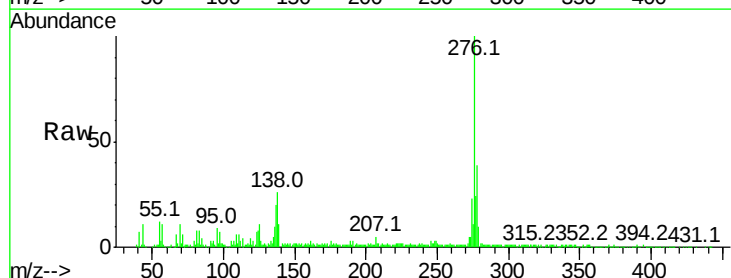


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

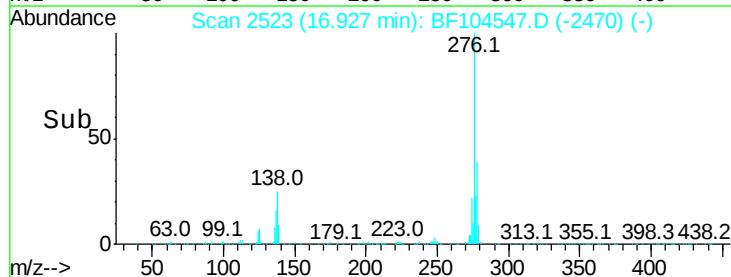
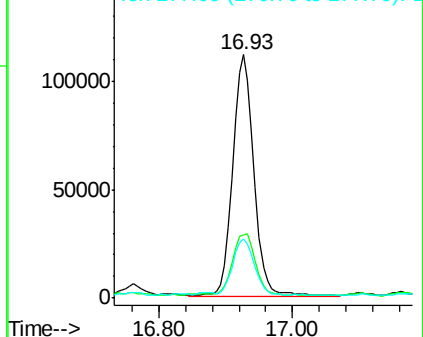


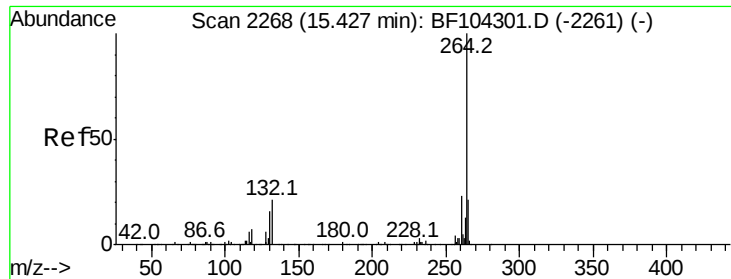
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.207 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	23.6	20.1	30.1



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



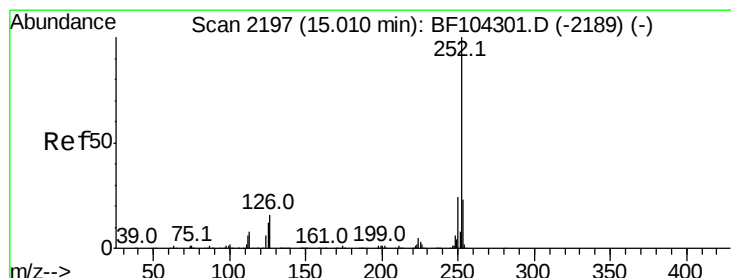
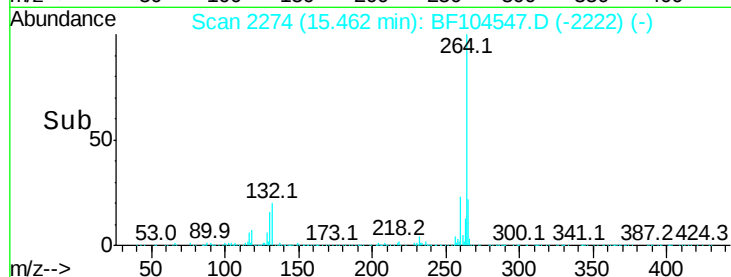
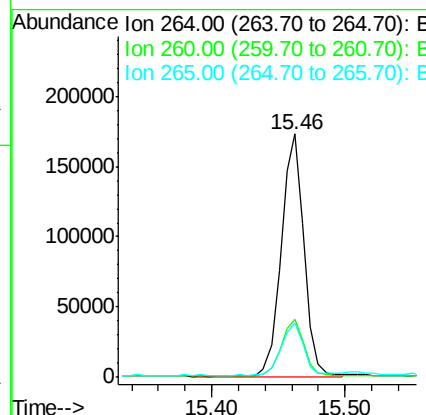
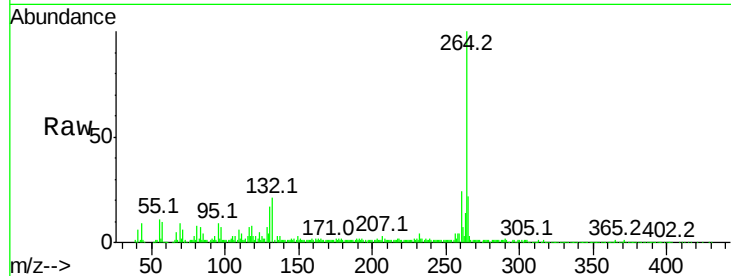


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 204995

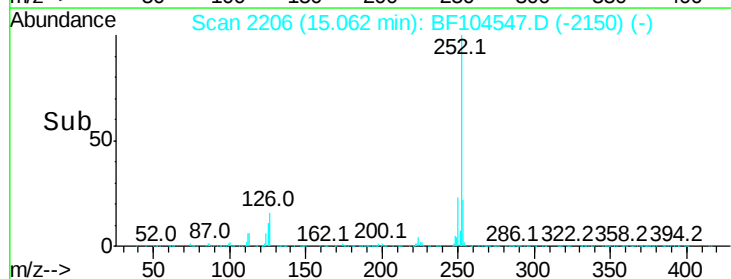
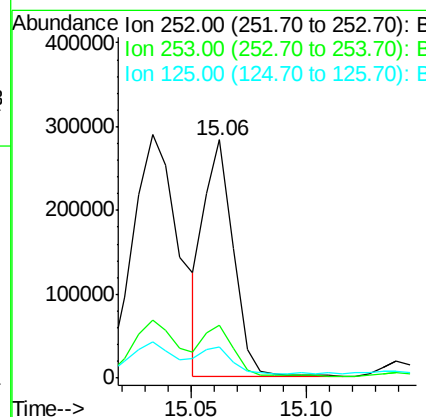
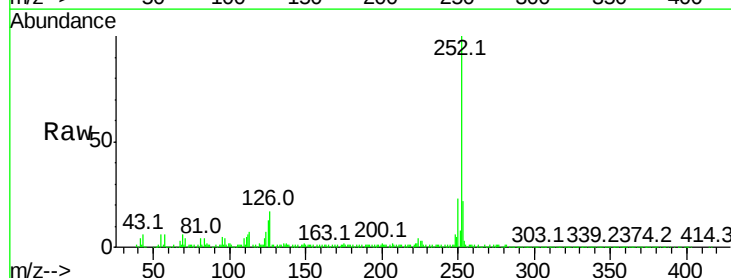
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3

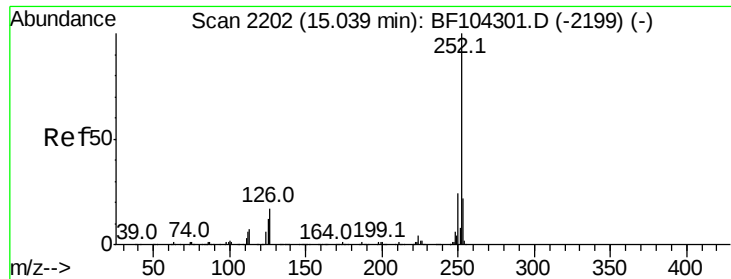


#87
Benzo(b)fluoranthene
Concen: 19.307 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.03 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion:252 Resp: 249973

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.0	9.0	13.6

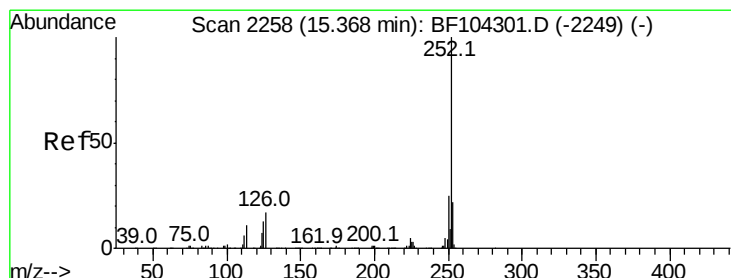
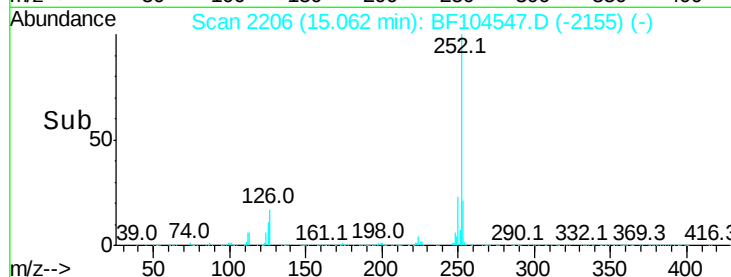
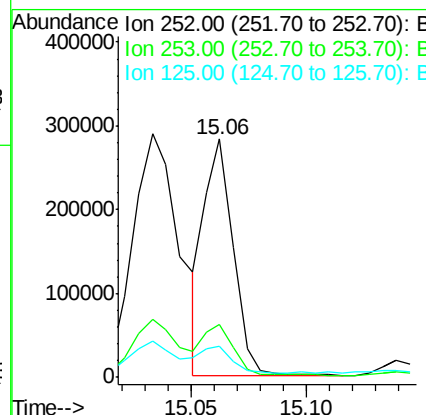
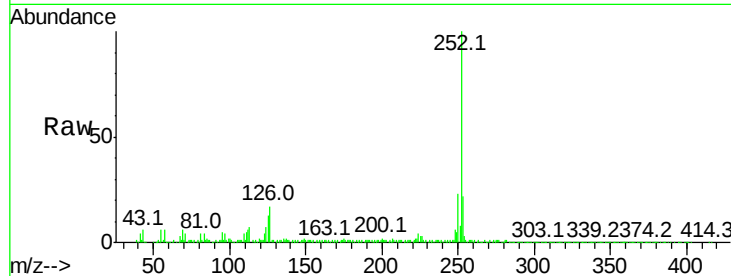




#88
Benzo(k)fluoranthene
Concen: 20.451 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

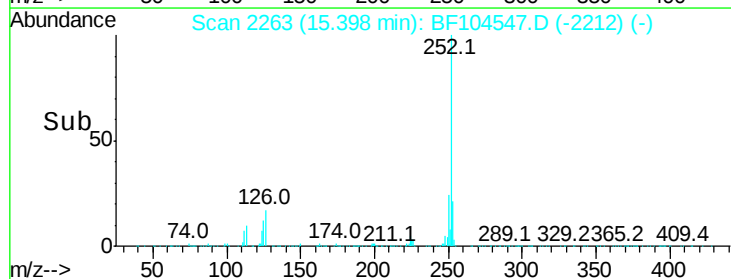
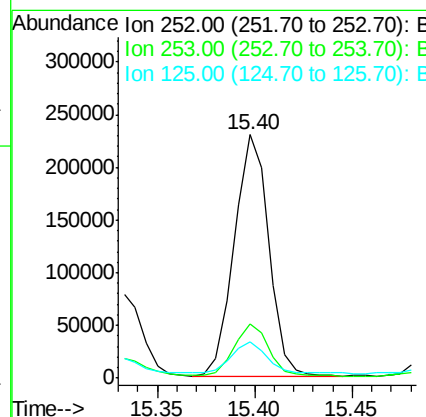
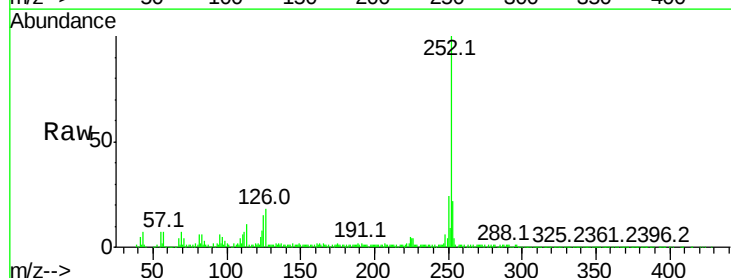
Instrument :
BNA_F
ClientSampleId :

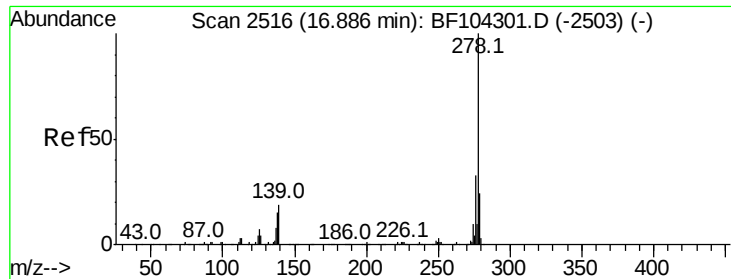
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 24.356 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF104547.D
Acq: 16 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.6	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 16.579 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

Instrument :

BNA_F

ClientSampleId :

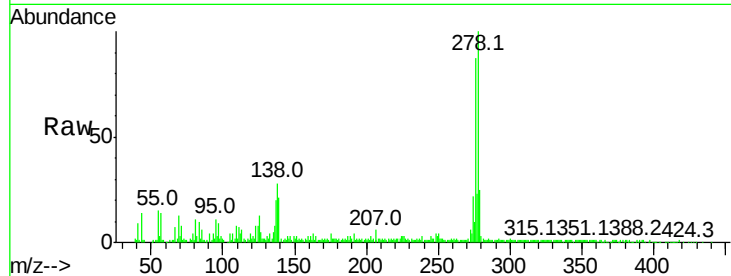
Tot Ion:278 Resp: 157734

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

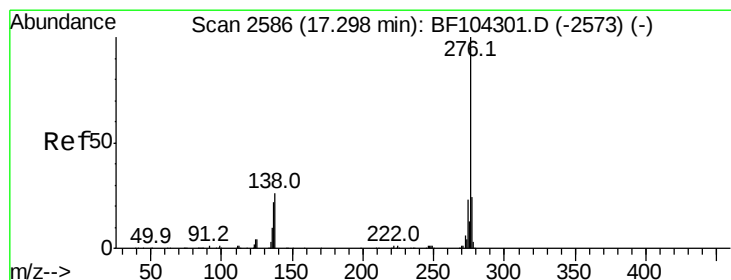
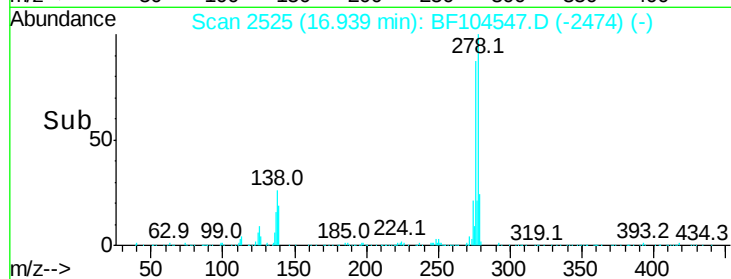
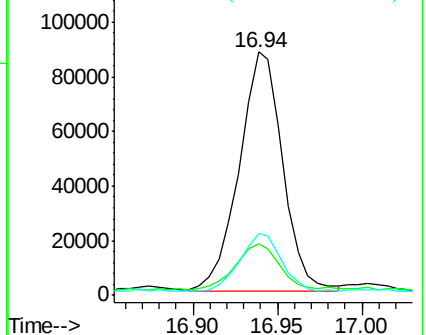
279 25.3 19.0 28.4



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: 23.053 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF104547.D

Acq: 16 Apr 2018 21:47

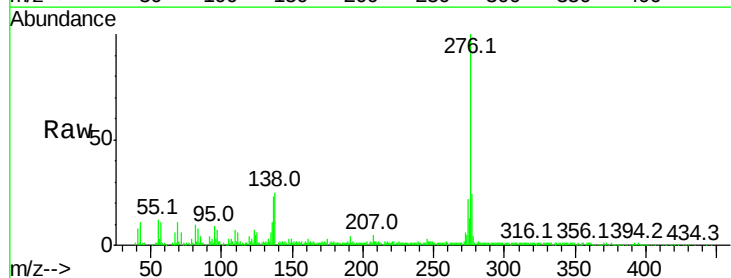
Tgt Ion:276 Resp: 212496

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 24.7 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

