

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104561.D
 Acq On : 17 Apr 2018 15:16
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 17:08:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137435	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	573384	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	263006	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	487073	20.00	ng	0.00
75) Chrysene-d12	13.98	240	368702	20.00	ng	0.00
86) Perylene-d12	15.44	264	317435	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	678572	75.50	ng	0.00
7) Phenol-d6	6.45	99	851200	77.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	771576	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	224485	82.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1253089	75.27	ng	0.00
78) Terphenyl-d14	12.92	244	1238407	76.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	168674	40.274	ng	# 90
3) Pyridine	3.25	79	458467	38.935	ng	86
4) n-Nitrosodimethylamine	3.22	42	152375	37.019	ng	79
6) Aniline	6.47	93	589256	38.405	ng	98
8) 2-Chlorophenol	6.59	128	381085	40.170	ng	94
9) Benzaldehyde	6.36	77	205557	35.434	ng	92
10) Phenol	6.46	94	473777	40.433	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	367381	39.289	ng	94
12) 1,3-Dichlorobenzene	6.75	146	424761	39.522	ng	99
13) 1,4-Dichlorobenzene	6.82	146	424521	39.625	ng	99
14) 1,2-Dichlorobenzene	6.97	146	395652	39.852	ng	99
15) Benzyl Alcohol	6.95	79	320793	38.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	485314	38.647	ng	92
17) 2-Methylphenol	7.06	107	331526	40.202	ng	97
18) Hexachloroethane	7.32	117	155262	40.647	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	249141	34.524	ng	96
20) 3+4-Methylphenols	7.22	107	378051	36.964	ng	# 70
22) Acetophenone	7.22	105	509155	36.068	ng	# 98
24) Nitrobenzene	7.39	77	409990	42.290	ng	98
25) Isophorone	7.63	82	707698	38.112	ng	98
26) 2-Nitrophenol	7.70	139	211824	53.670	ng	99
27) 2,4-Dimethylphenol	7.75	122	302259	36.883	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	434065	38.233	ng	99
29) 2,4-Dichlorophenol	7.95	162	306714	39.226	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	336059	39.162	ng	98
31) Naphthalene	8.12	128	1100088	38.530	ng	100
32) Benzoic acid	7.88	122	291982	44.655	ng	98
33) 4-Chloroaniline	8.16	127	486182	39.747	ng	98
34) Hexachlorobutadiene	8.23	225	182211	38.766	ng	99
35) Caprolactam	8.55	113	106728	39.127	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	330731	39.447	ng	99
37) 2-Methylnaphthalene	8.80	142	711572	38.529	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	307349	40.823	ng	98
40) Hexachlorocyclopentadiene	8.95	237	167389	39.714	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	215373	41.209	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	244234	41.760	ng	94
45) 1,1'-Biphenyl	9.27	154	857477	38.810	ng	100
46) 2-Chloronaphthalene	9.29	162	692373	39.674	ng	99
47) 2-Nitroaniline	9.39	65	216954	50.270	ng	98
48) Acenaphthylene	9.71	152	1063759	38.850	ng	100
49) Dimethylphthalate	9.57	163	819864	39.530	ng	99
50) 2,6-Dinitrotoluene	9.63	165	183716	47.871	ng	98
51) Acenaphthene	9.88	154	614422	36.778	ng	100
52) 3-Nitroaniline	9.80	138	218986	48.741	ng	98
53) 2,4-Dinitrophenol	9.91	184	81338	58.940	ng	# 20
54) Dibenzofuran	10.05	168	898173	38.578	ng	97
55) 4-Nitrophenol	9.97	139	155289	44.000	ng	88
56) 2,4-Dinitrotoluene	10.04	165	237393	47.158	ng	94
57) Fluorene	10.40	166	683227	40.317	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	175926	40.320	ng	94
59) Diethylphthalate	10.27	149	782674	37.891	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	313671	41.562	ng	97
61) 4-Nitroaniline	10.42	138	217960	49.616	ng	96
62) Azobenzene	10.55	77	747699	37.889	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	130152	53.816	ng	# 75
65) n-Nitrosodiphenylamine	10.51	169	637996	37.778	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	199260	38.461	ng	# 87
67) Hexachlorobenzene	10.95	284	231389	39.692	ng	# 87
68) Atrazine	11.04	200	198624	38.964	ng	97
69) Pentachlorophenol	11.14	266	133122	36.912	ng	98
70) Phenanthrene	11.36	178	1011496	37.290	ng	99
71) Anthracene	11.41	178	1041544	37.774	ng	100
72) Carbazole	11.57	167	1009347	37.462	ng	99
73) Di-n-butylphthalate	11.89	149	1197570	36.386	ng	100
74) Fluoranthene	12.55	202	1051979	37.120	ng	98
76) Benzidine	12.67	184	520799	42.365	ng	99
77) Pyrene	12.78	202	1079232	39.490	ng	100
79) Butylbenzylphthalate	13.40	149	512242	39.785	ng	96
80) Benzo(a)anthracene	13.97	228	900402	40.878	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	324731	39.540	ng	98
82) Chrysene	14.01	228	880321	38.910	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	664431	40.121	ng	98
84) Di-n-octyl phthalate	14.57	149	1011520	36.554	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	707065	36.789	ng	98
87) Benzo(b)fluoranthene	15.02	252	838526	41.825	ng	98
88) Benzo(k)fluoranthene	15.05	252	736803	38.927	ng	98
89) Benzo(a)pyrene	15.38	252	724830	40.406	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	581671	39.481	ng	99
91) Benzo(g,h,i)perylene	17.33	276	580489	40.668	ng	97

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

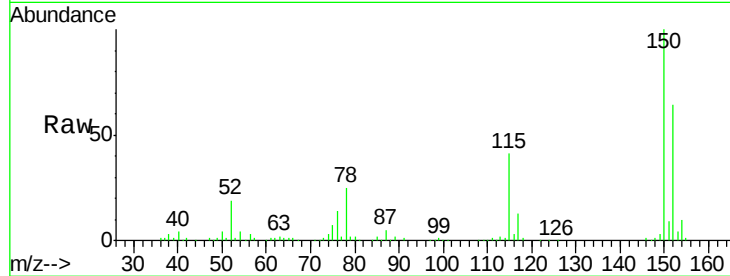


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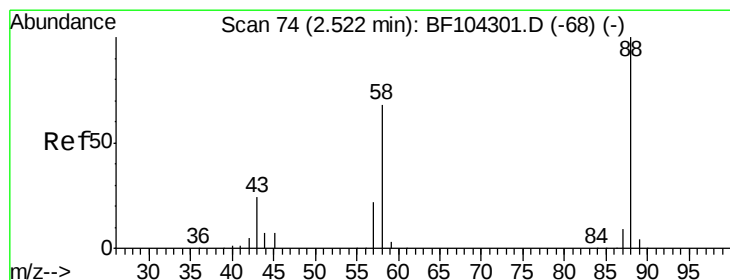
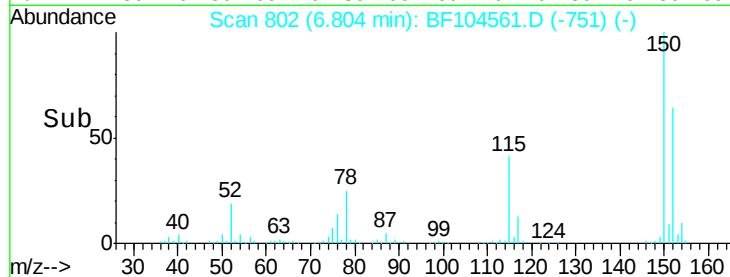
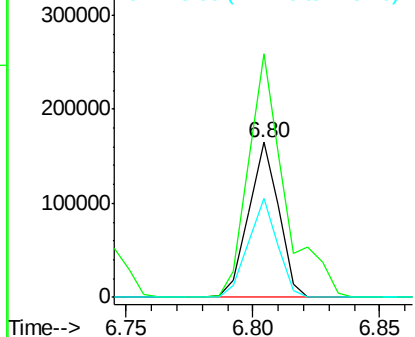
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137435
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 63.6 50.1 75.1



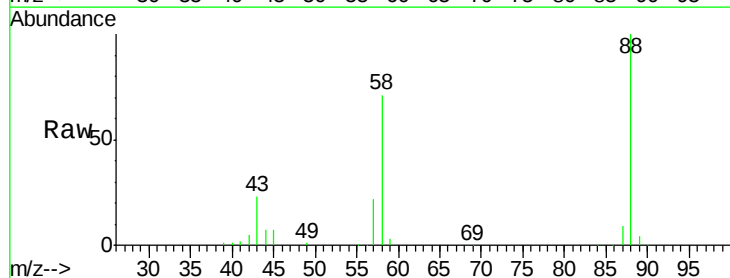
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



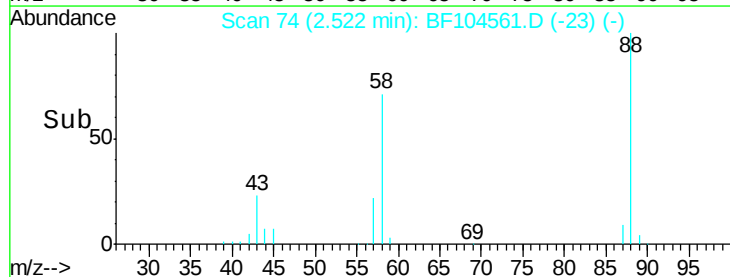
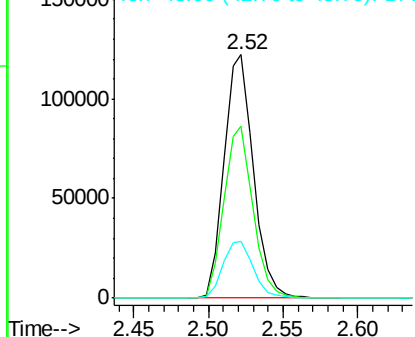
#2

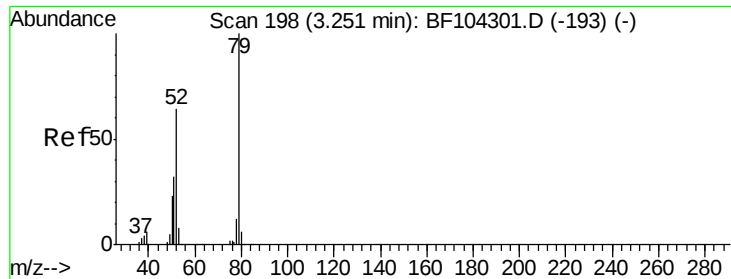
1,4-Dioxane
Concen: 40.274 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion: 88 Resp: 168674
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.1 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: 38.935 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

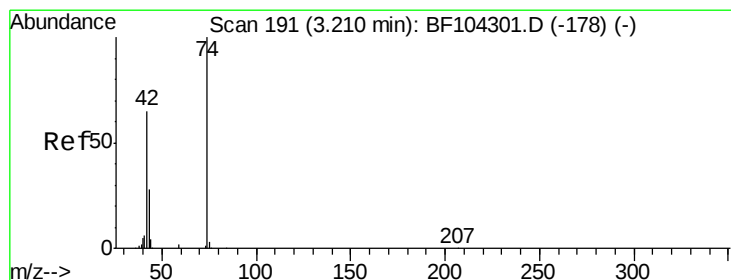
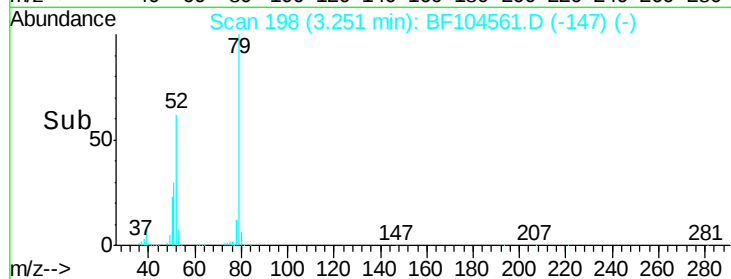
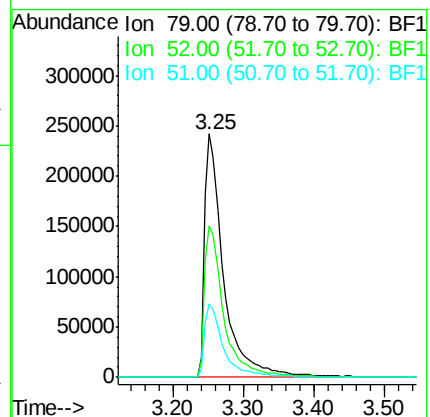
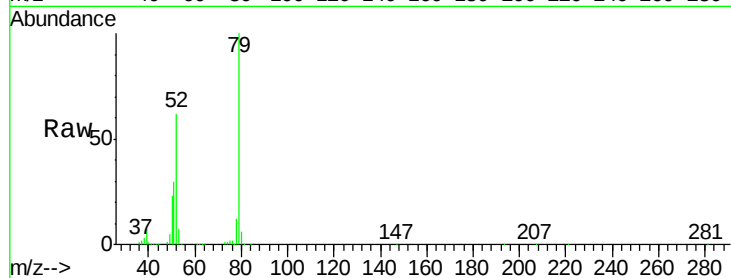
Tot Ion: 79 Resp: 458467

Ion Ratio Lower Upper

79 100

52 62.3 59.8 89.6

51 30.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.019 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

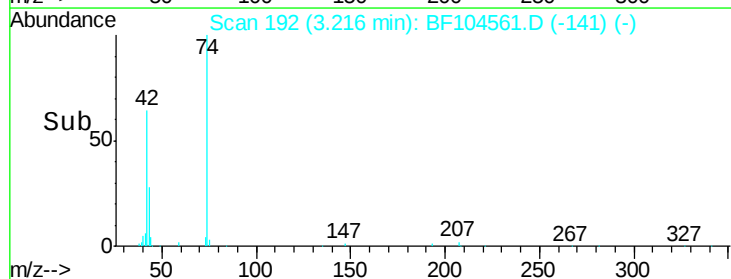
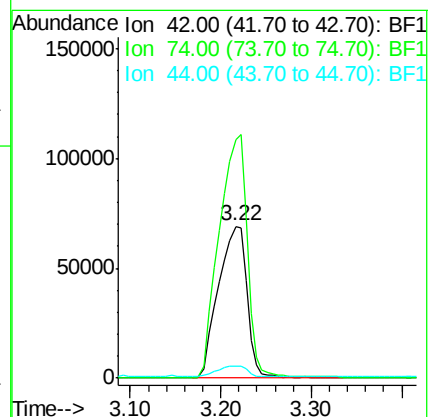
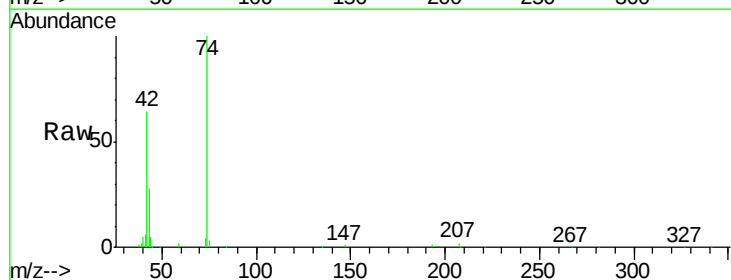
Tgt Ion: 42 Resp: 152375

Ion Ratio Lower Upper

42 100

74 157.3 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 75.496 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

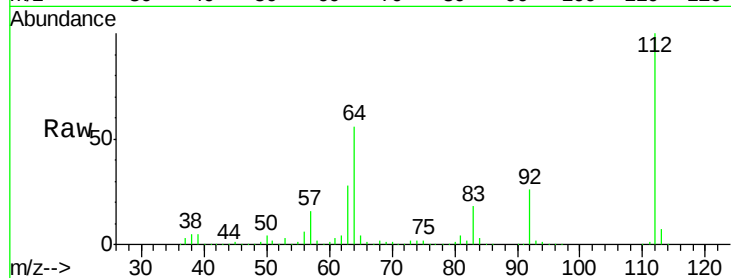
Tot Ion: 112 Resp: 678572

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

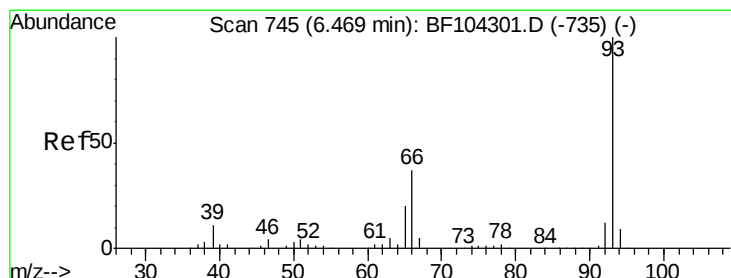
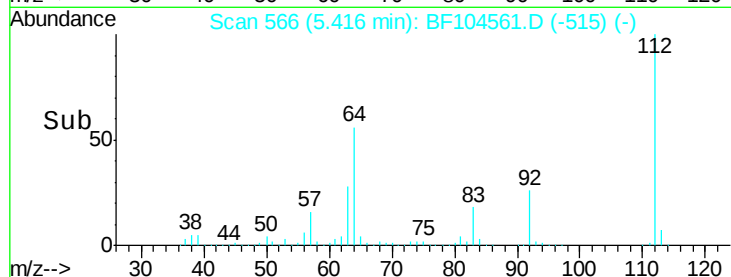
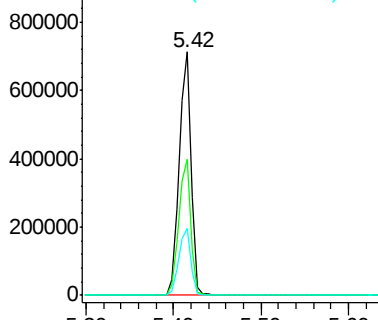
63 27.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.405 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

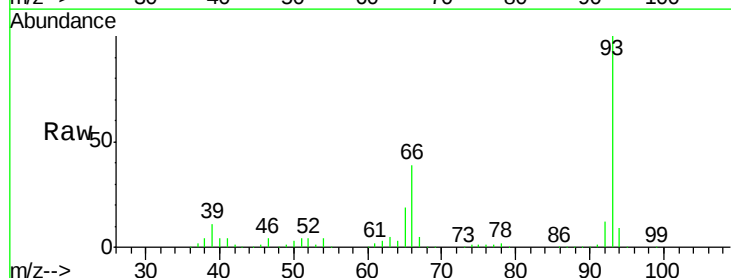
Tgt Ion: 93 Resp: 589256

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

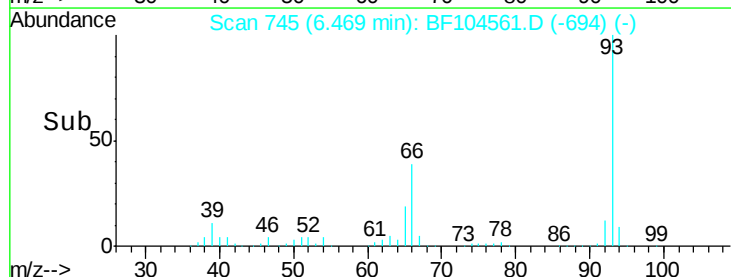
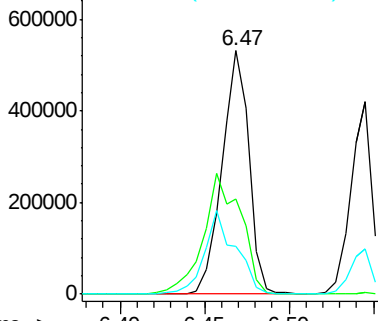
65 19.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.076 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

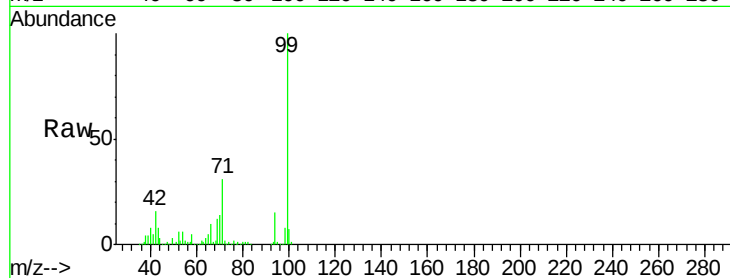
Tot Ion: 99 Resp: 851200

Ion Ratio Lower Upper

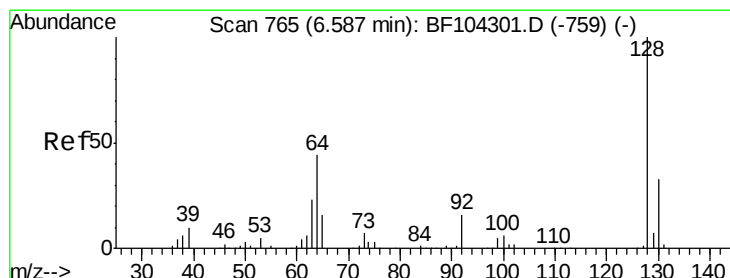
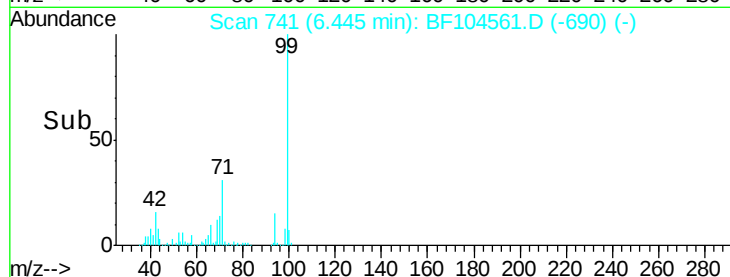
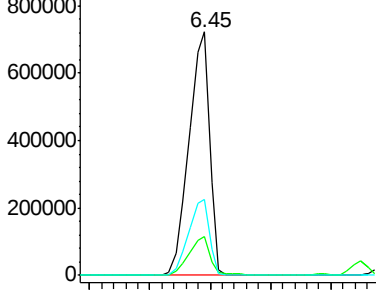
99 100

42 15.8 14.5 21.7

71 31.2 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: 40.170 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

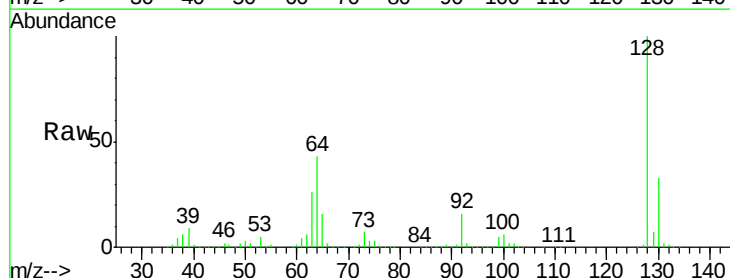
Tgt Ion:128 Resp: 381085

Ion Ratio Lower Upper

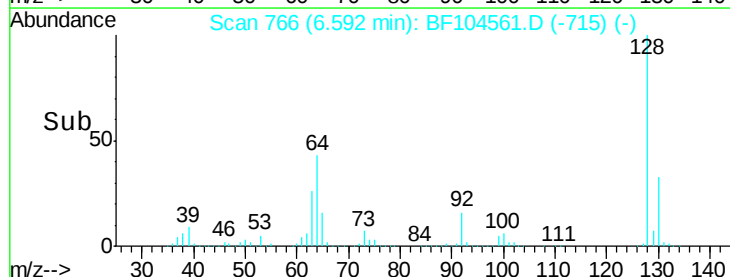
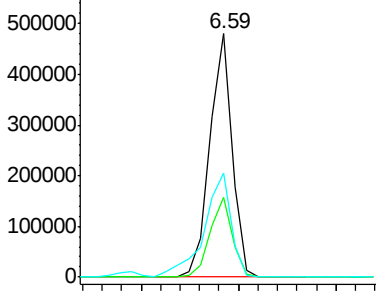
128 100

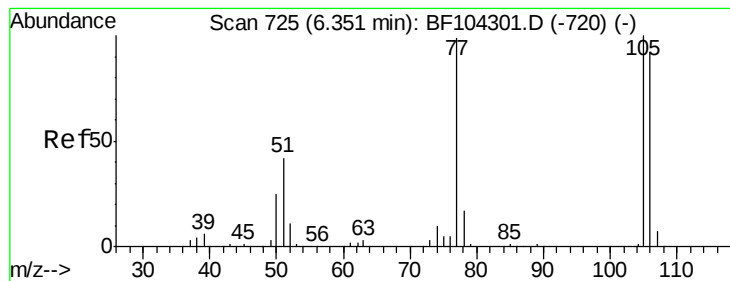
130 32.8 13.0 53.0

64 42.7 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: 35.434 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

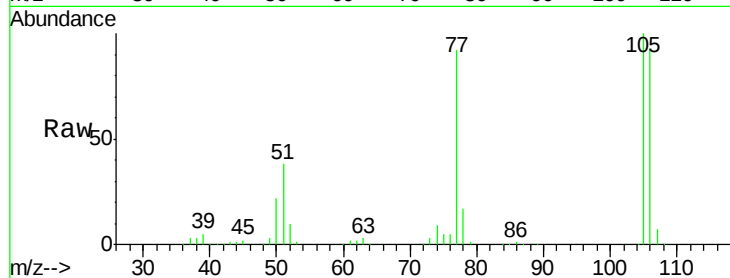
Tot Ion: 77 Resp: 205557

Ion Ratio Lower Upper

77 100

105 109.1 81.1 121.1

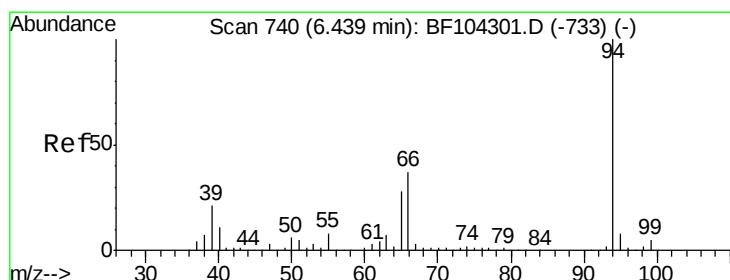
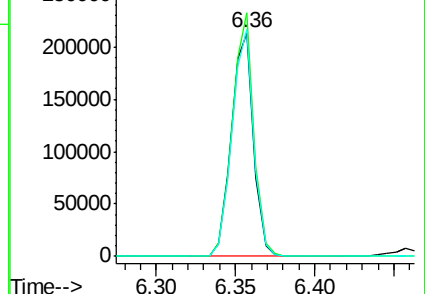
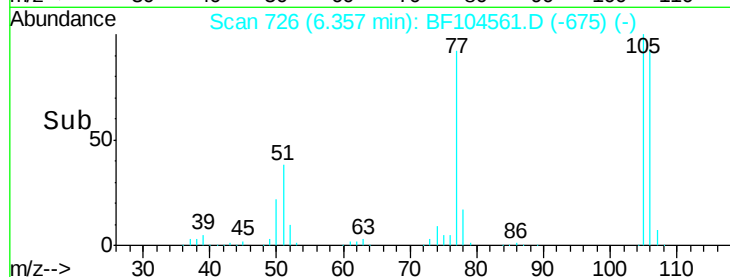
106 101.5 74.5 114.5



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: 40.433 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

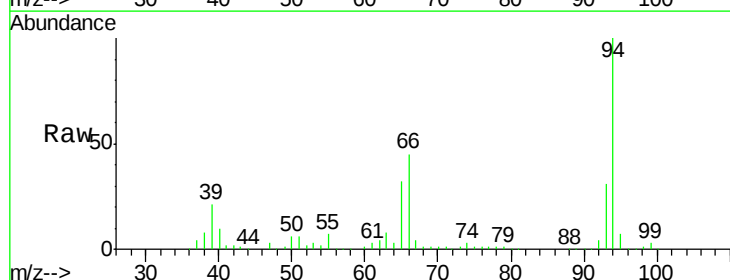
Tgt Ion: 94 Resp: 473777

Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

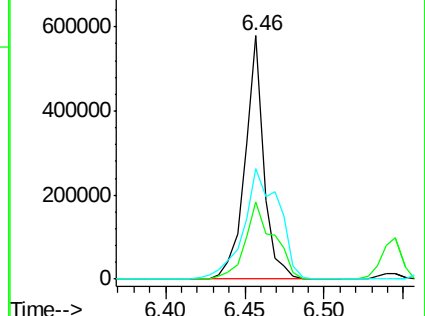
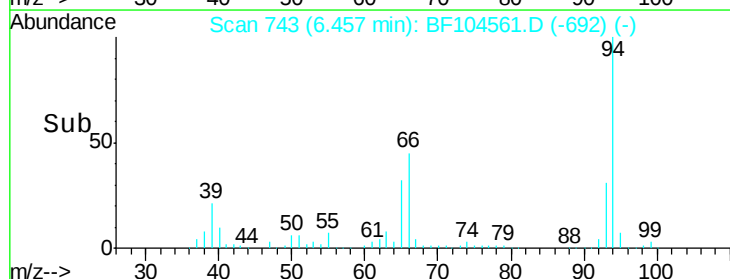
66 45.3 16.2 56.2

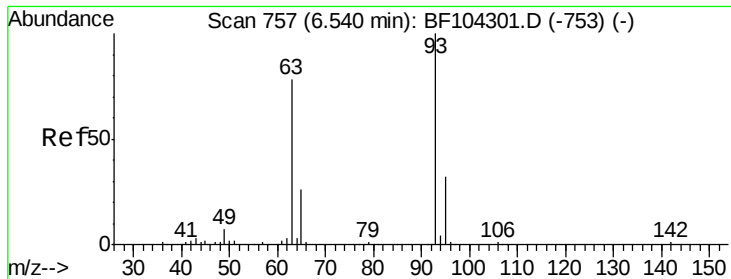


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.289 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

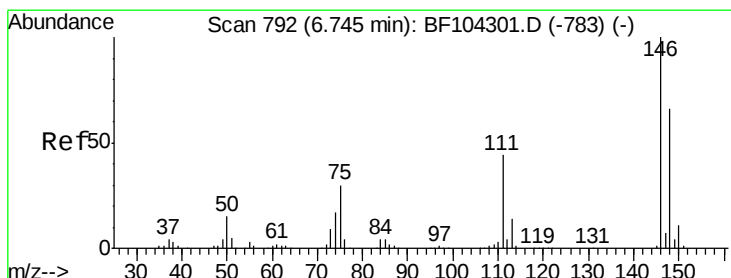
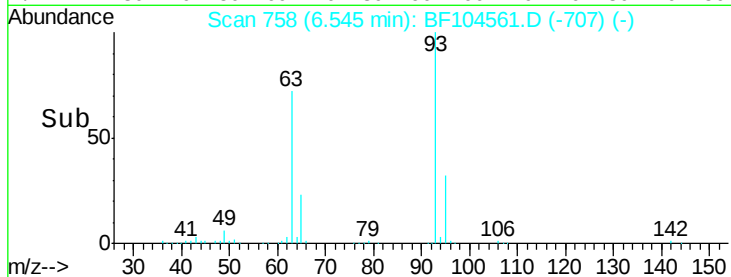
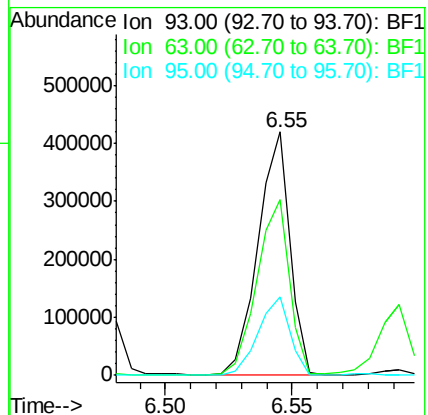
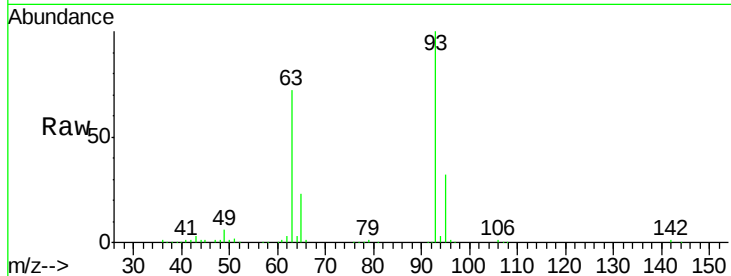
Tot Ion: 93 Resp: 367381

Ion Ratio Lower Upper

93 100

63 72.2 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.522 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

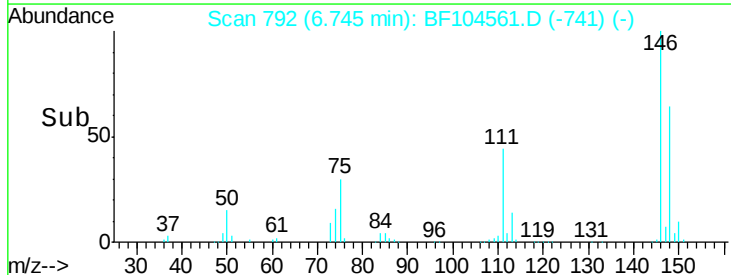
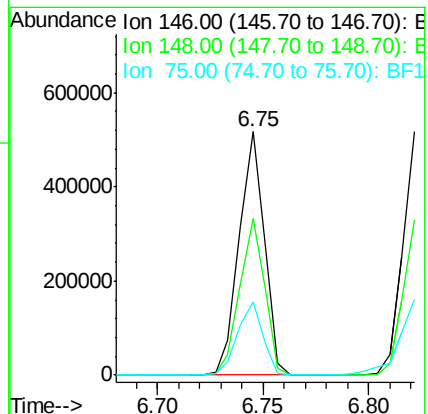
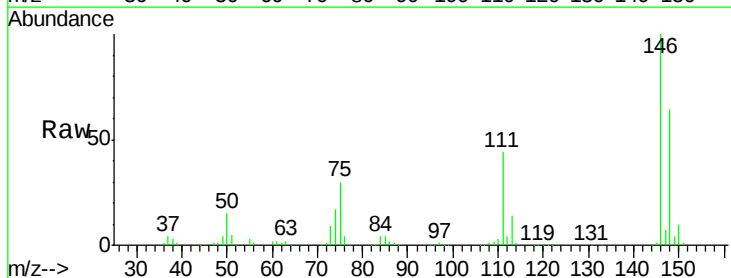
Tgt Ion: 146 Resp: 424761

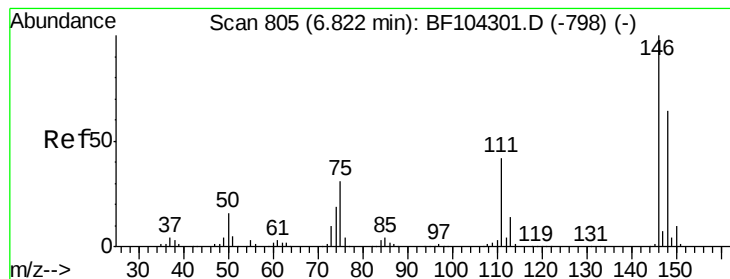
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 30.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.625 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

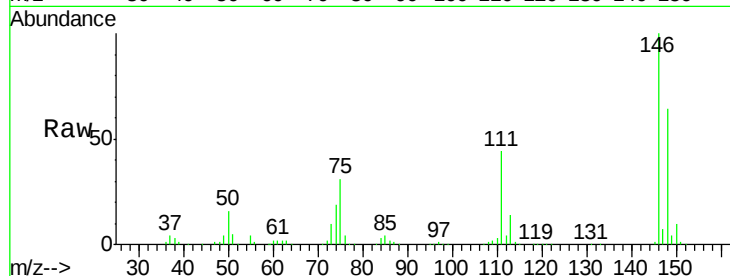
Tot Ion:146 Resp: 424521

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

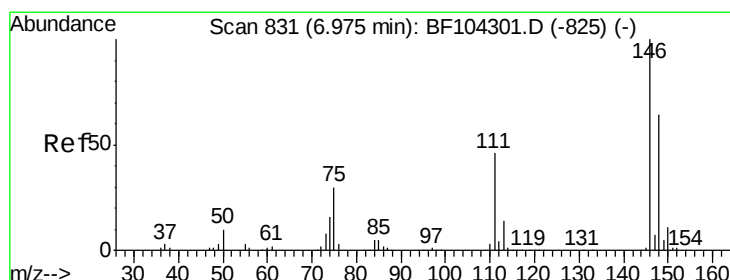
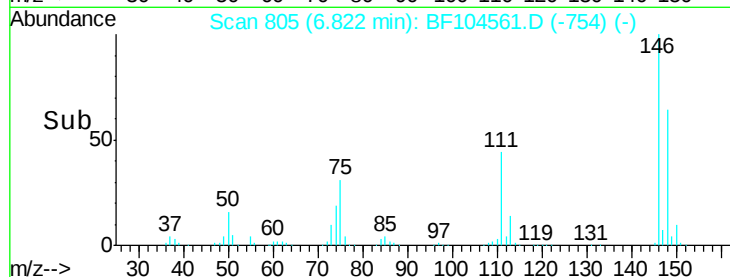
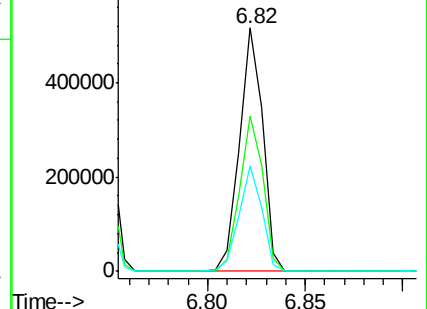
111 43.5 34.2 51.2



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: 39.852 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

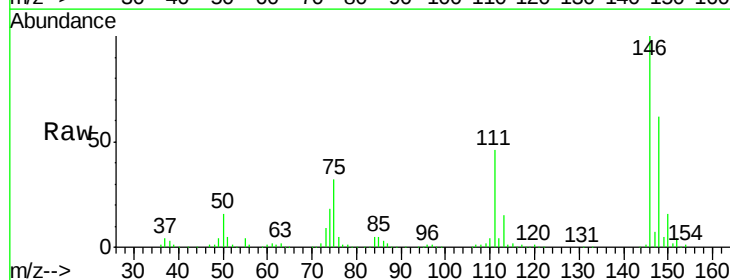
Tgt Ion:146 Resp: 395652

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

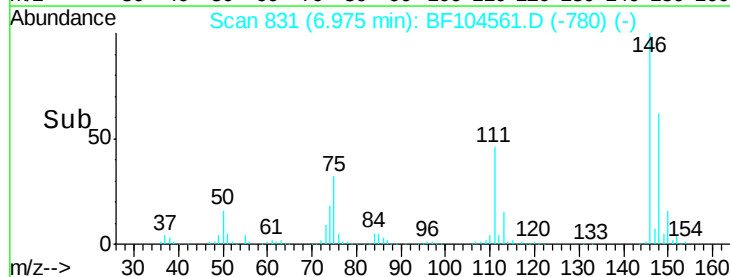
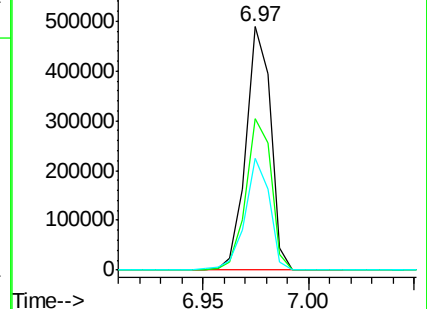
111 46.2 36.0 54.0

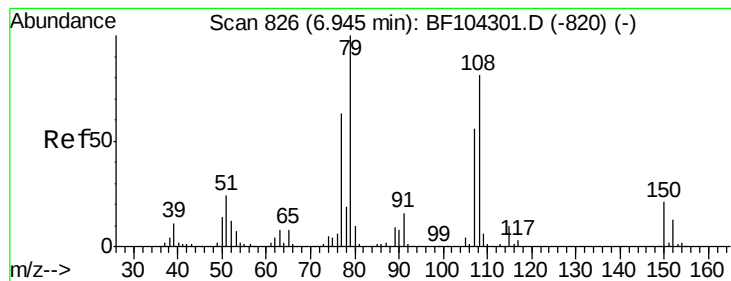


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.245 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

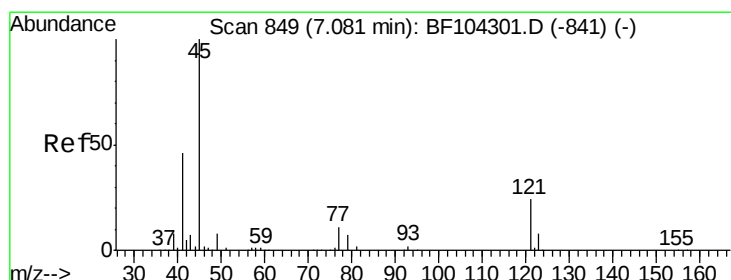
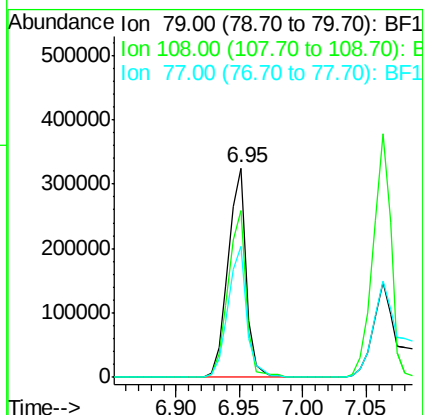
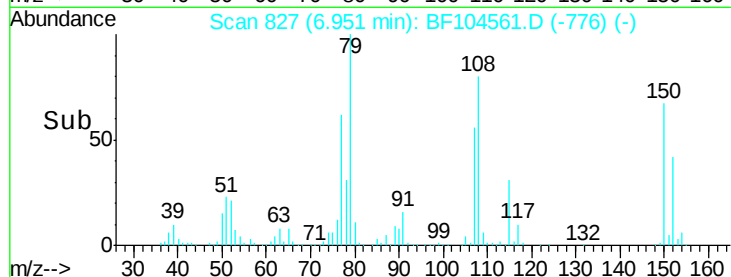
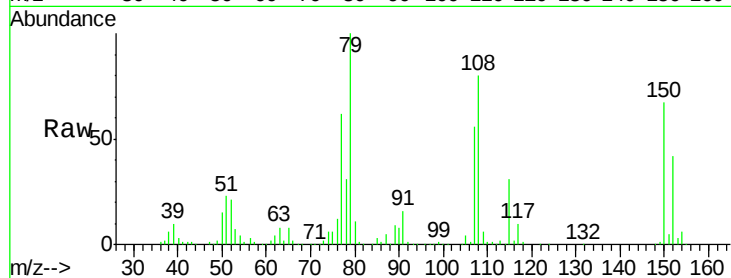
Tot Ion: 79 Resp: 320793

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.647 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

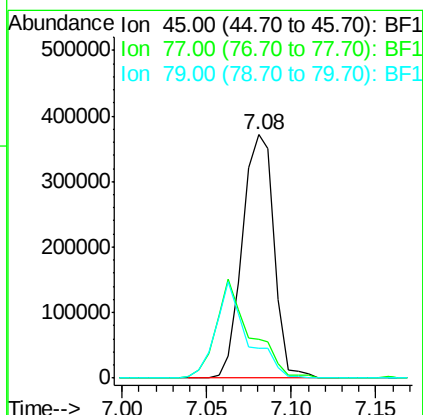
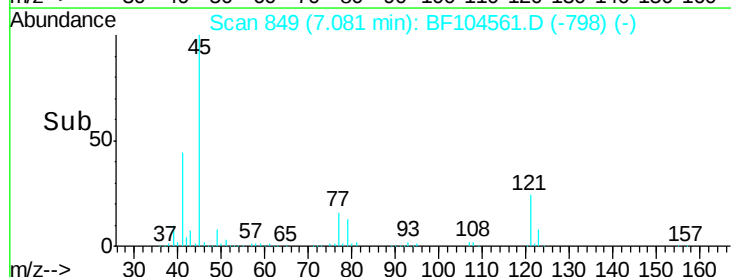
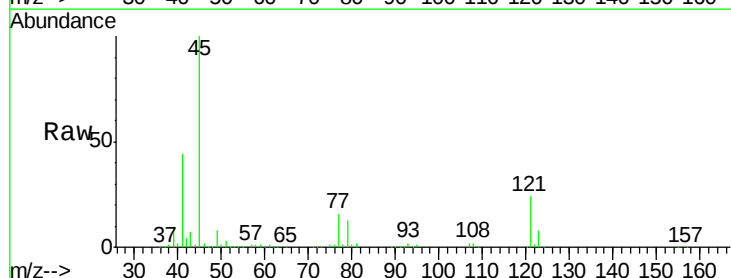
Tgt Ion: 45 Resp: 485314

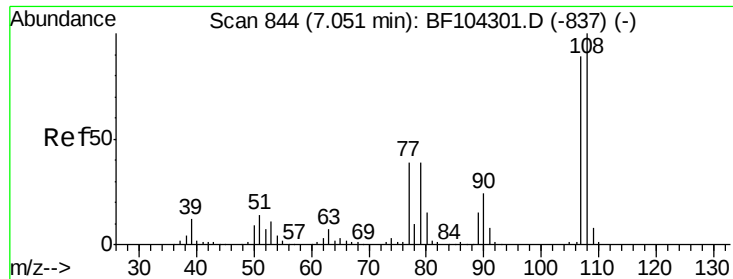
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.9

79 12.5 0.0 29.6

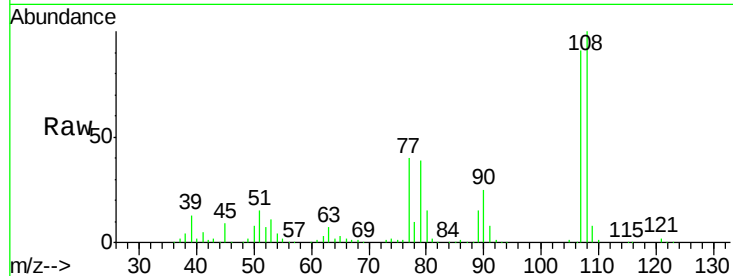




#17
2-Methylphenol
Concen: 40.202 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	91.7	137.5
77	43.9	33.8	50.8
79	43.0	33.8	50.8



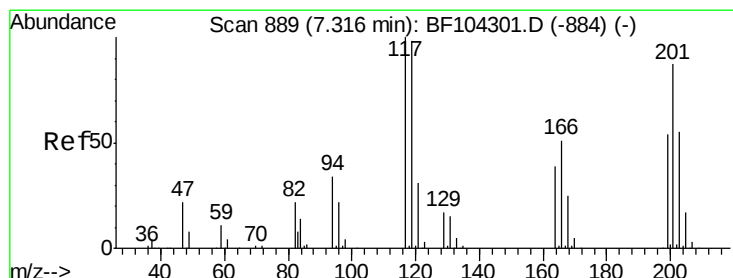
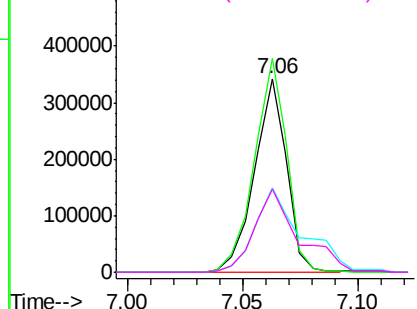
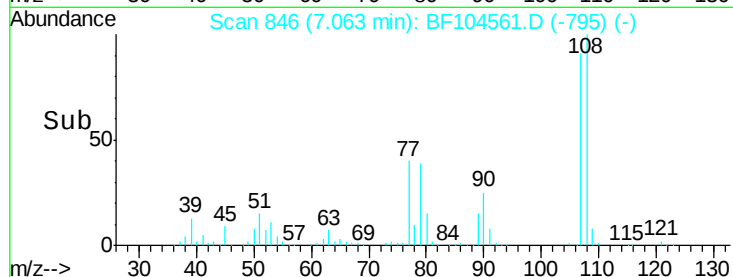
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

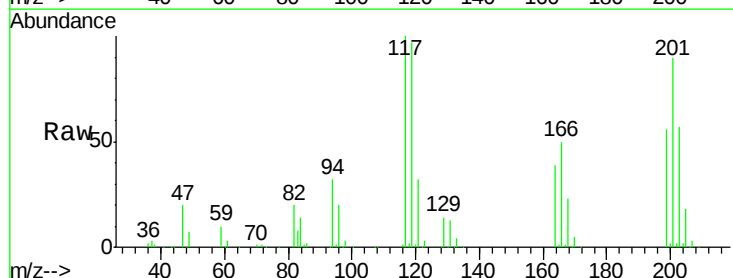
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.647 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	90.3	75.7	113.5

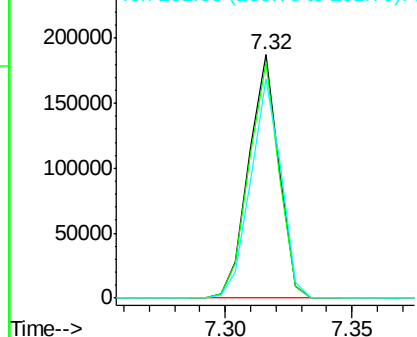
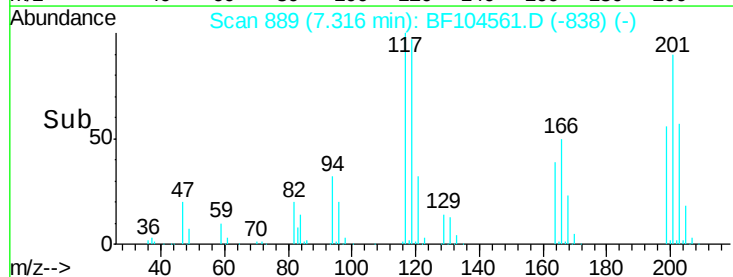


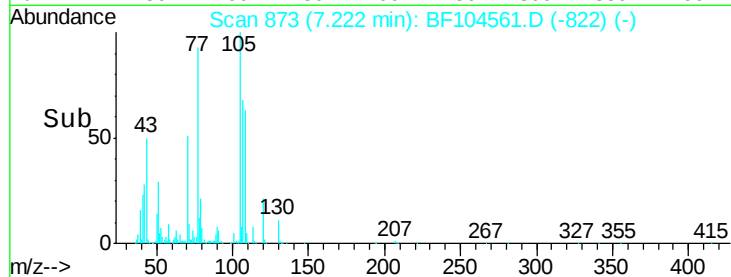
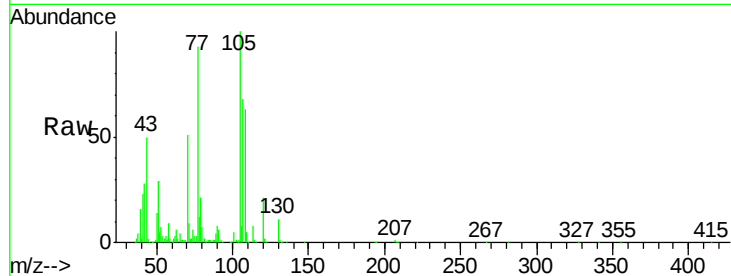
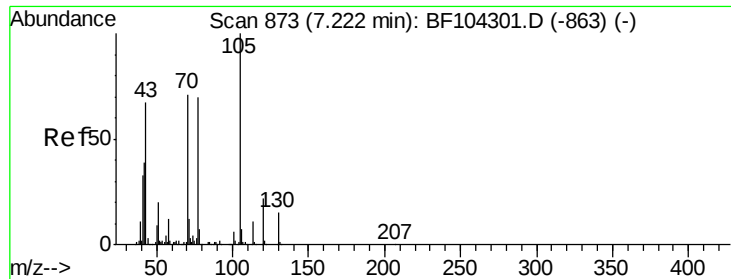
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

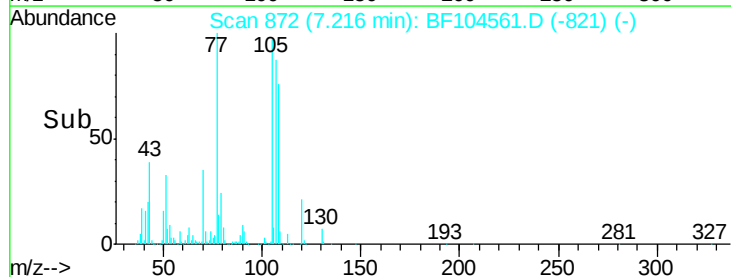
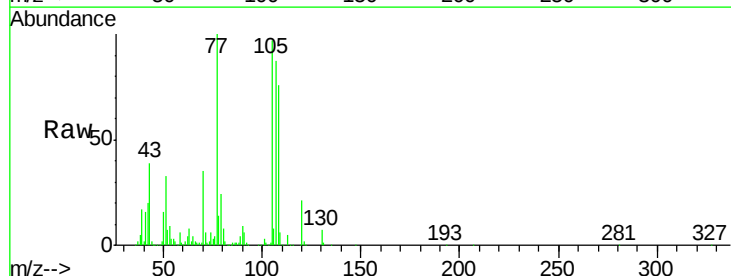
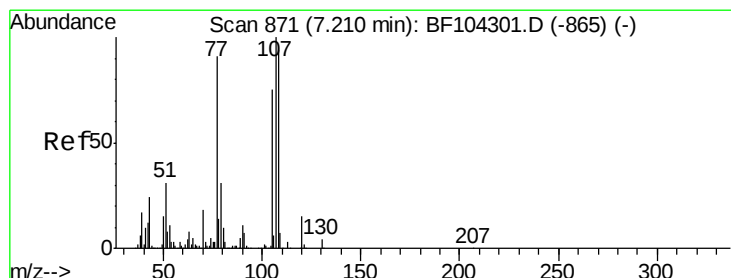
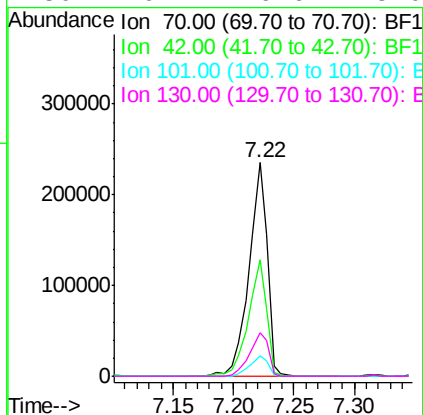




#19
n-Nitroso-di-n-propylamine
Concen: 34.524 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

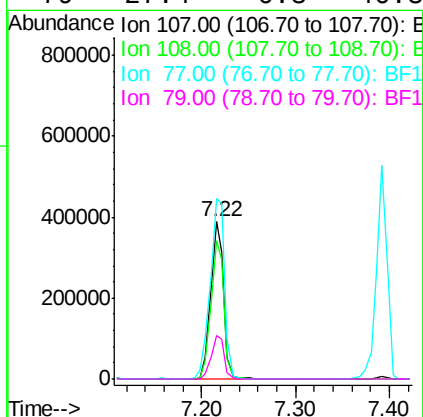
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 249141
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 9.3 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.964 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:107 Resp: 378051
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 115.2 26.7 66.7#
79 27.4 6.3 46.3

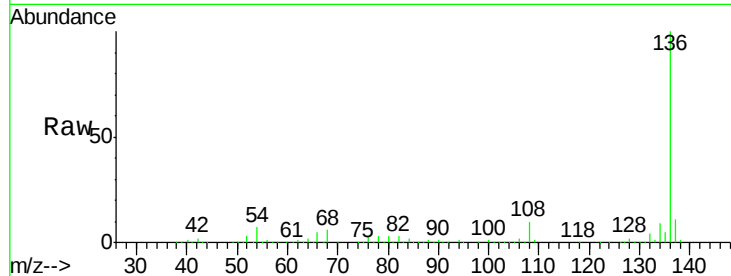




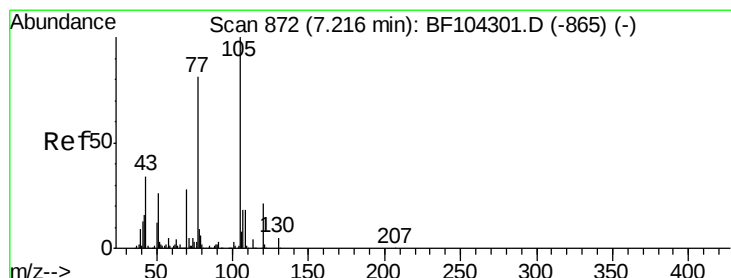
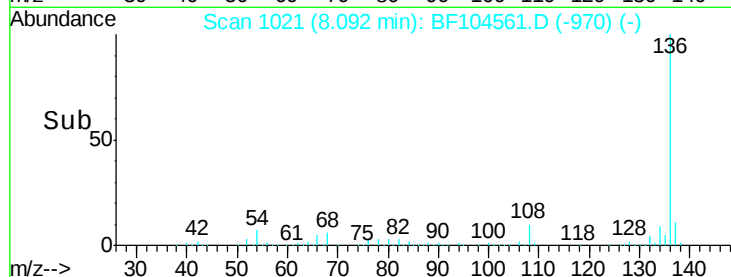
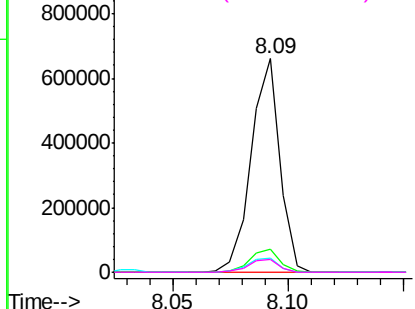
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	573384
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.8	6.6 9.8
68	6.0	5.0 7.4

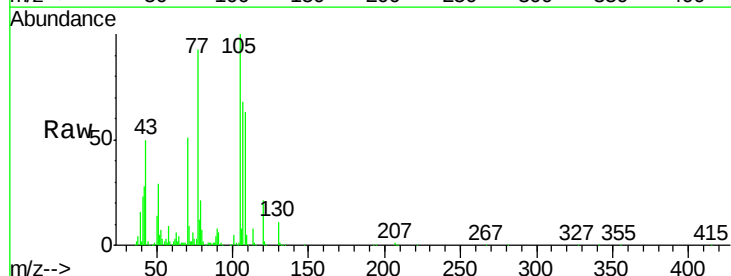


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

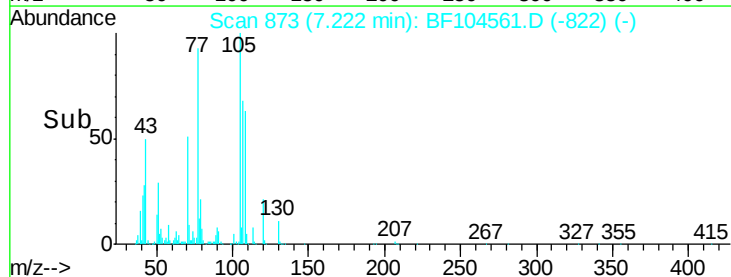
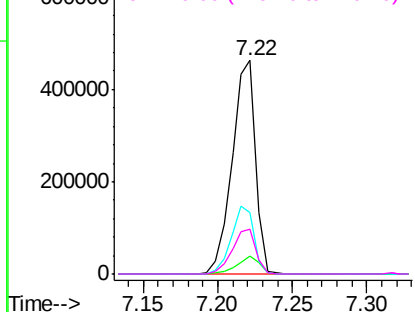


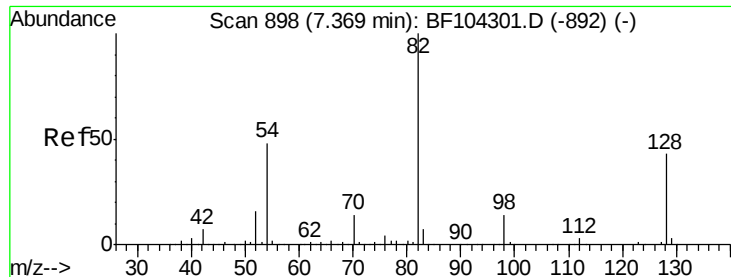
#22
Acetophenone
Concen: 36.068 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:105	Resp:	509155
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	28.5	22.3 33.5
120	20.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

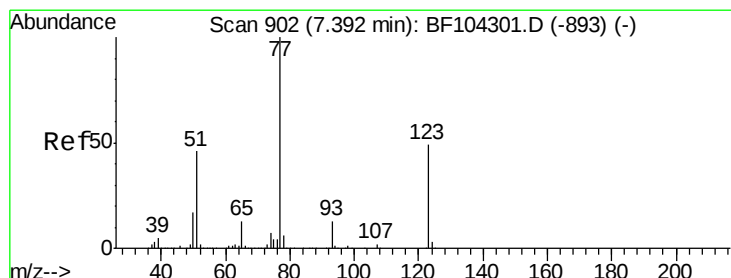
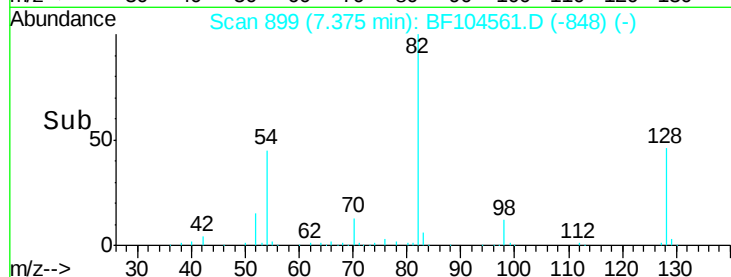
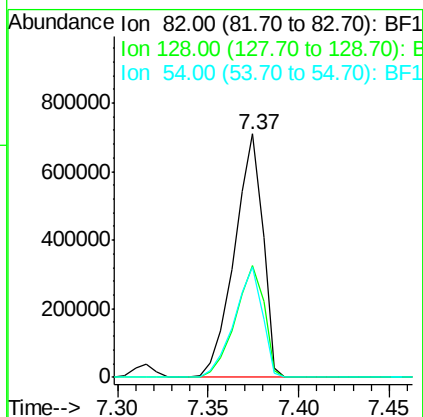
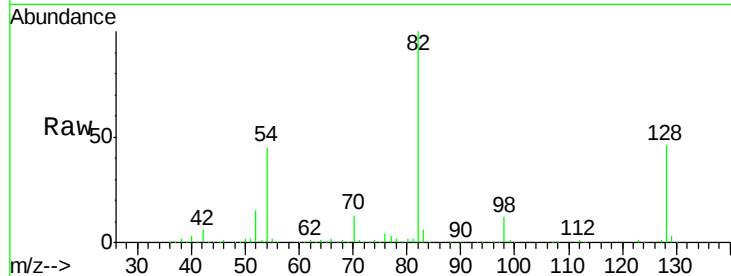




#23
Nitrobenzene-d5
Concen: 87.869 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

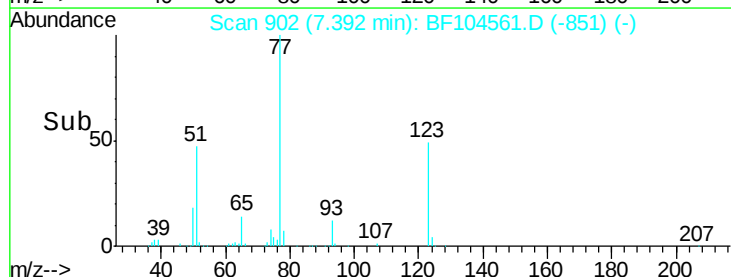
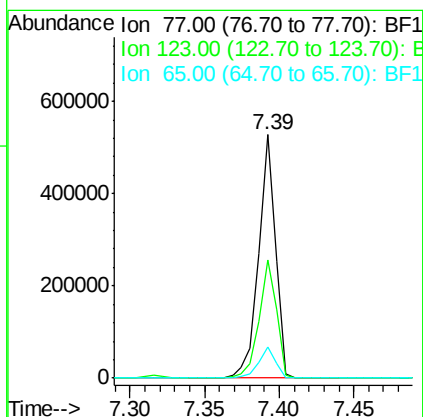
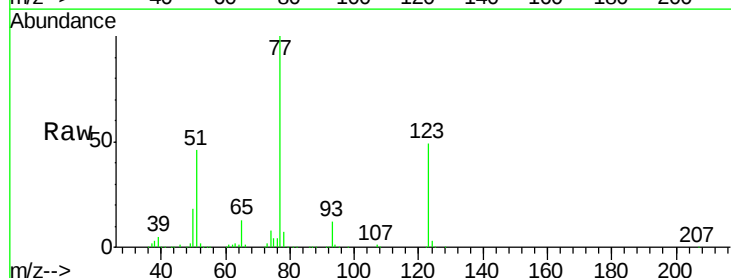
Instrument :
BNA_F
ClientSampleId :

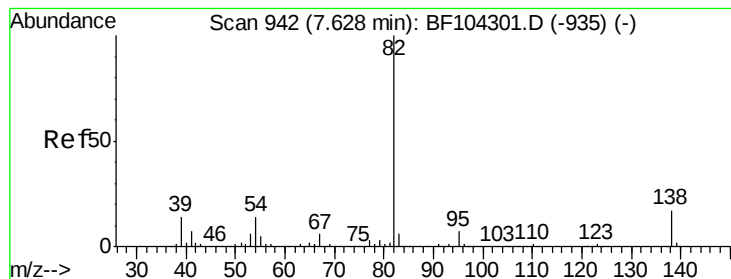
Tot Ion: 82 Resp: 771576
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 45.3 41.4 62.2



#24
Nitrobenzene
Concen: 42.290 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion: 77 Resp: 409990
Ion Ratio Lower Upper
77 100
123 48.7 37.9 56.9
65 13.0 11.0 16.4





#25

Isophorone

Concen: 38.112 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

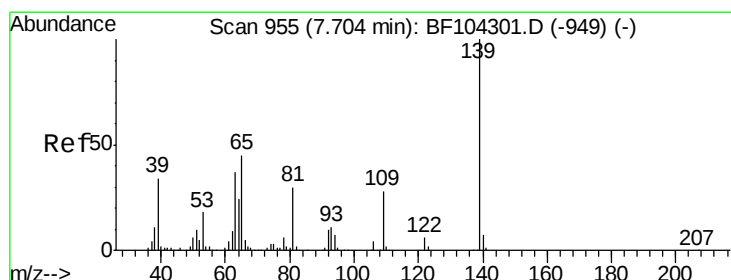
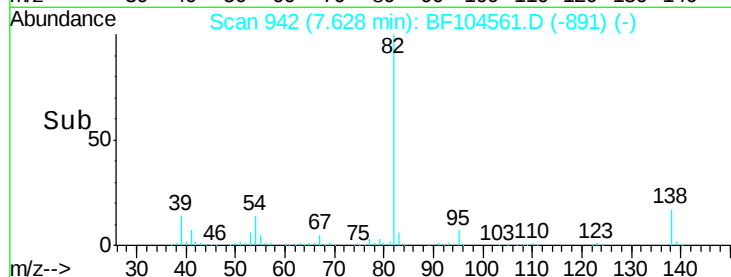
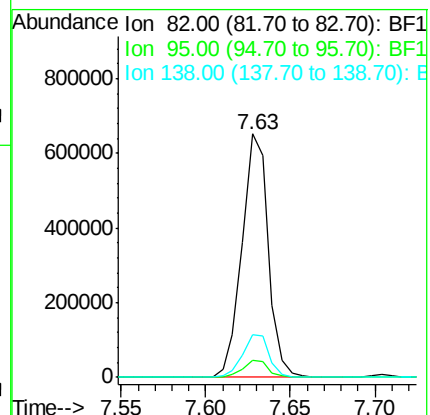
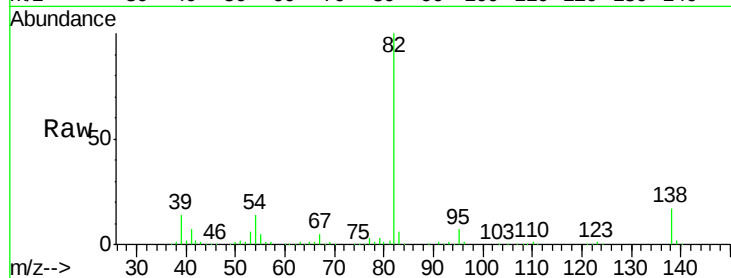
Tot Ion: 82 Resp: 707698

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 53.670 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

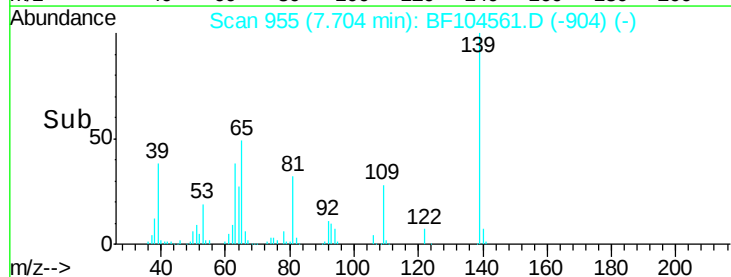
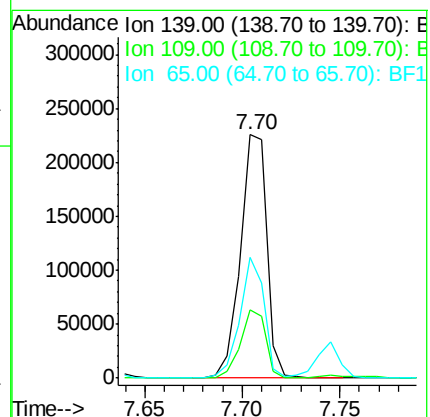
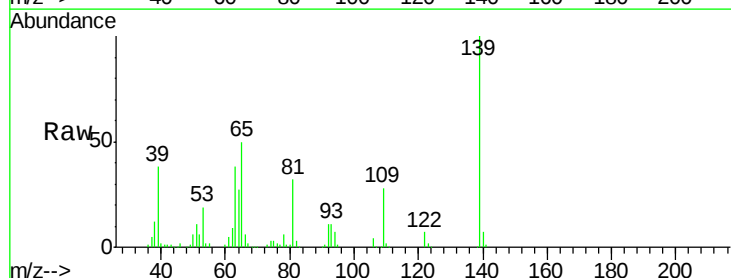
Tgt Ion: 139 Resp: 211824

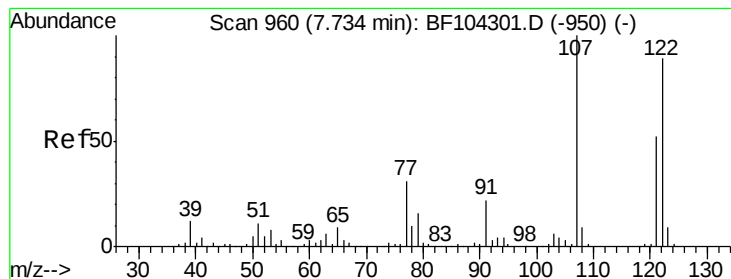
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 49.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.883 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

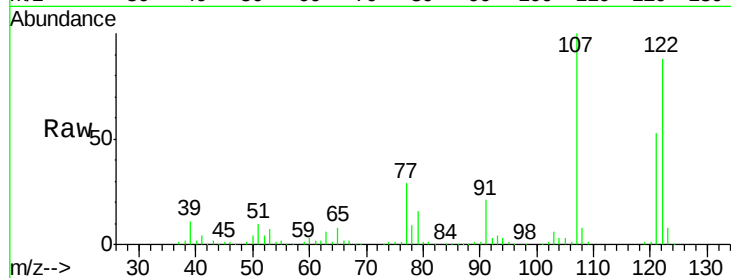
Tot Ion:122 Resp: 302259

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

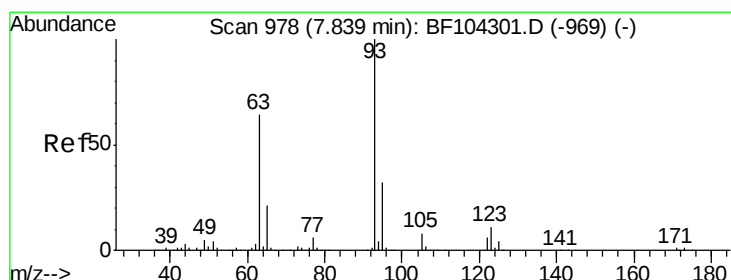
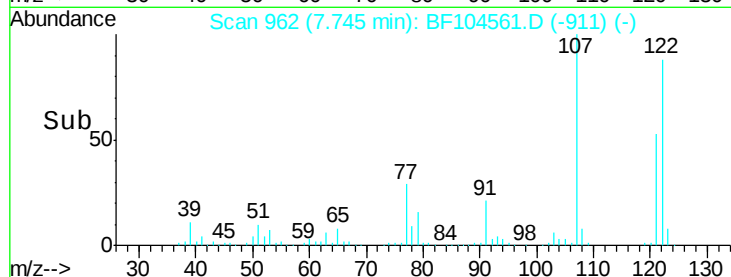
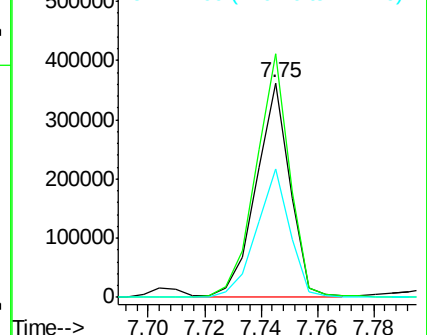
121 59.8 47.2 70.8



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: 38.233 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

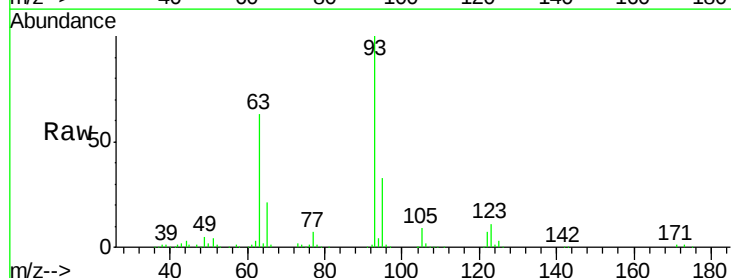
Tgt Ion: 93 Resp: 434065

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

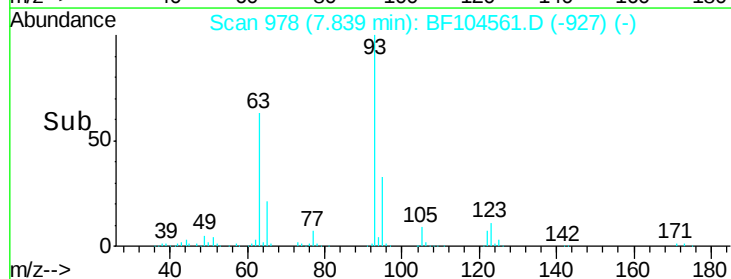
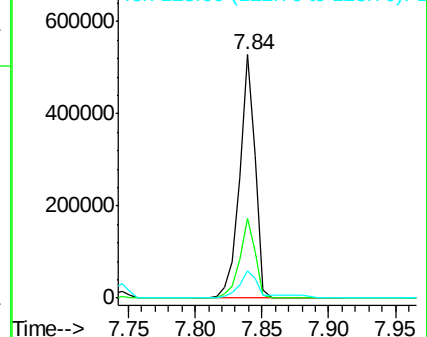
123 11.2 9.8 14.6

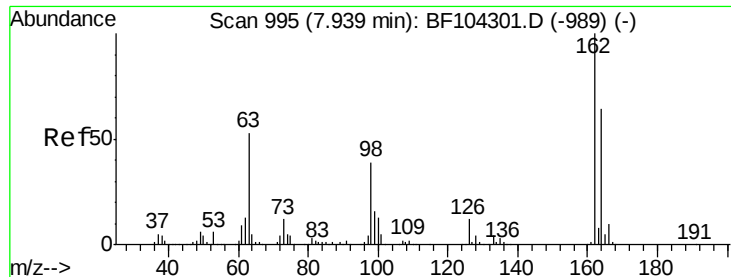


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.226 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

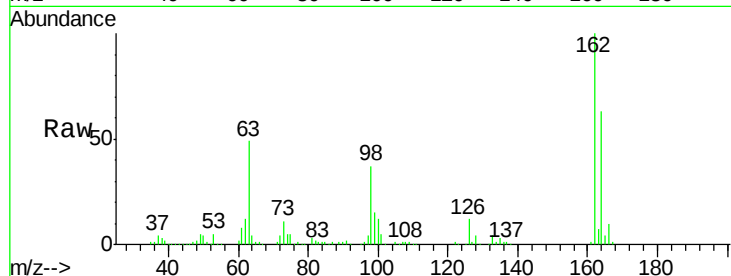
Tot Ion:162 Resp: 306714

Ion Ratio Lower Upper

162 100

164 63.2 42.7 82.7

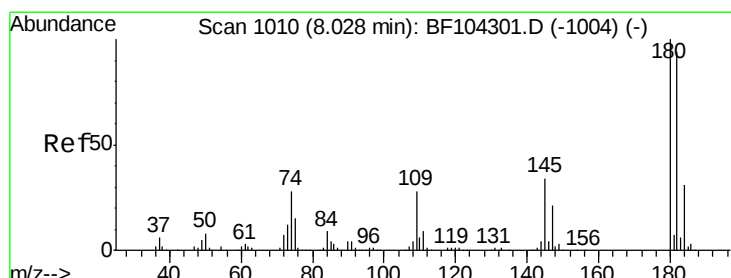
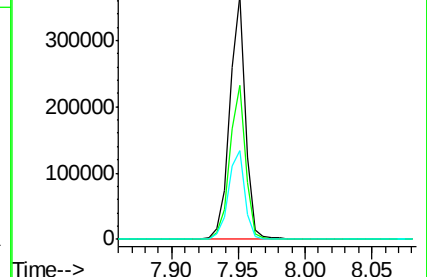
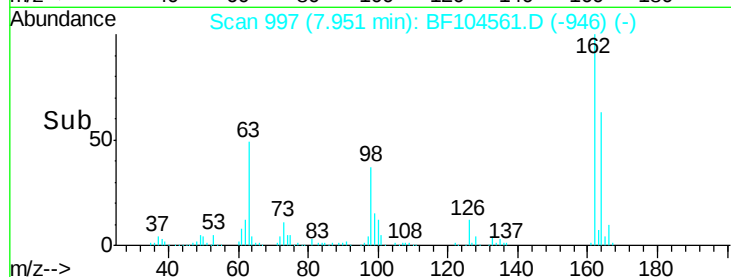
98 36.7 18.1 58.1



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: 39.162 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

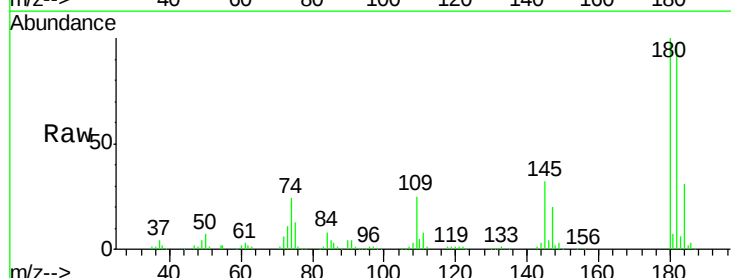
Tgt Ion:180 Resp: 336059

Ion Ratio Lower Upper

180 100

182 97.3 76.8 115.2

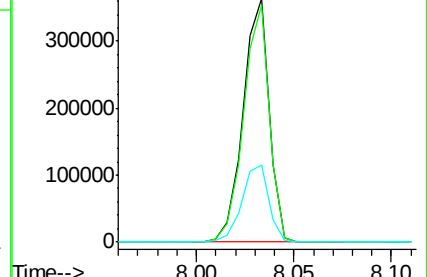
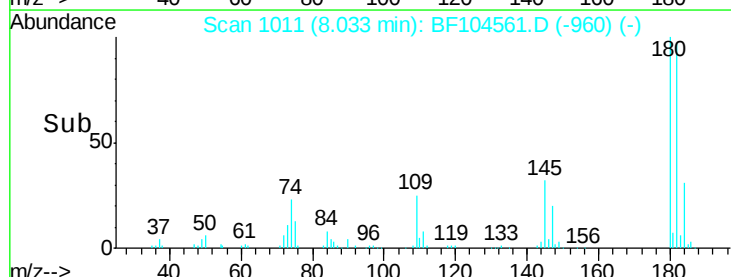
145 31.5 26.5 39.7

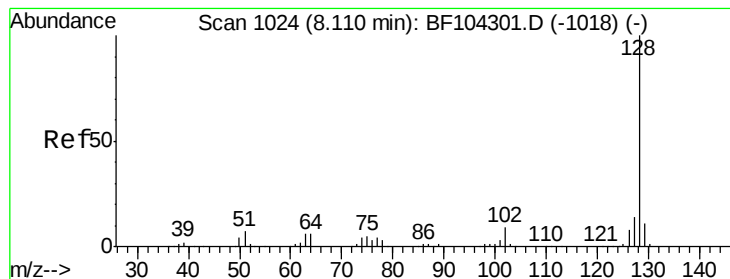


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.530 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

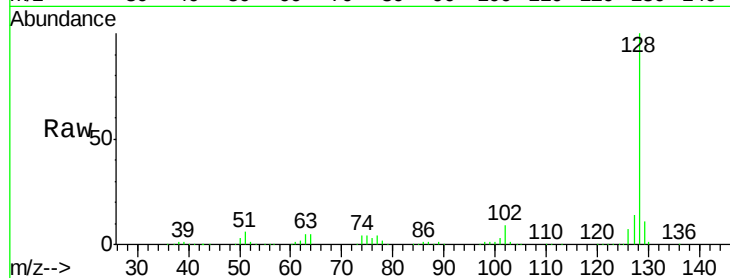
Tot Ion:128 Resp: 1100088

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

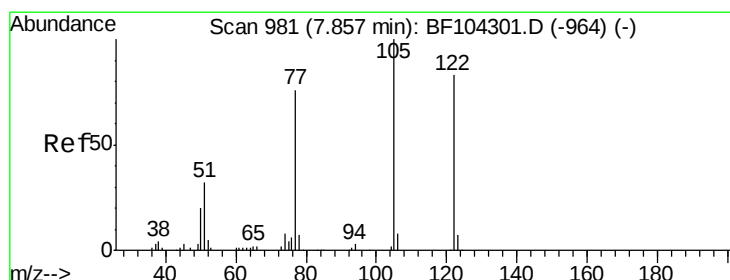
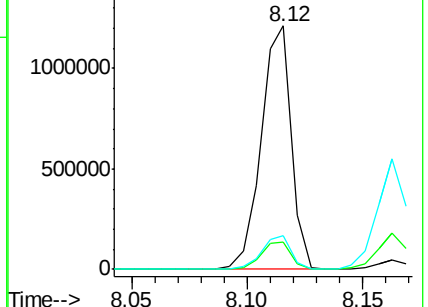
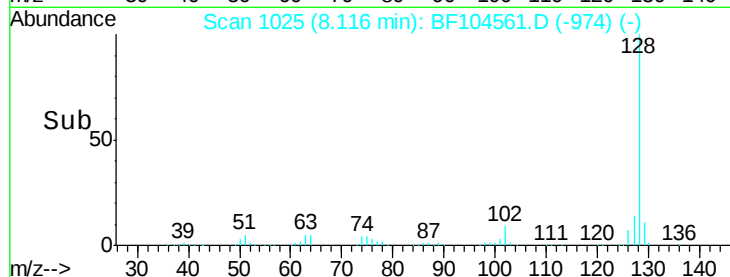
127 13.8 10.9 16.3



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: 44.655 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

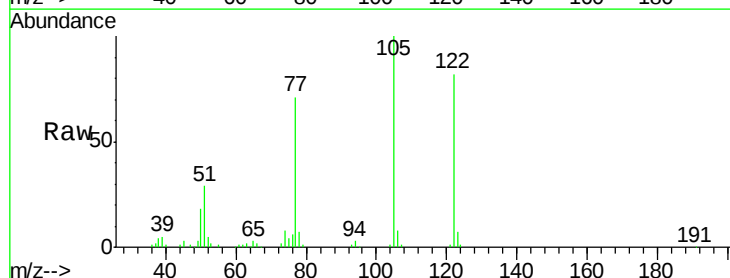
Tgt Ion:122 Resp: 291982

Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

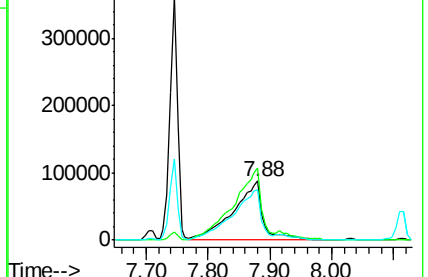
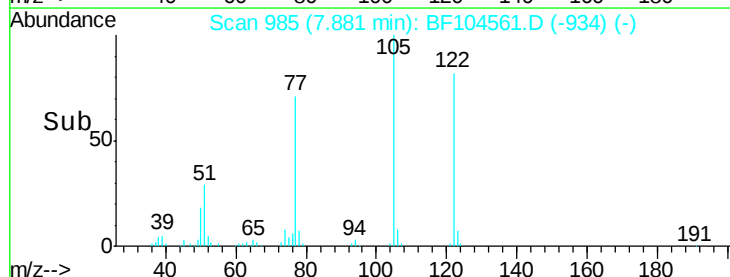
77 85.8 70.7 110.7

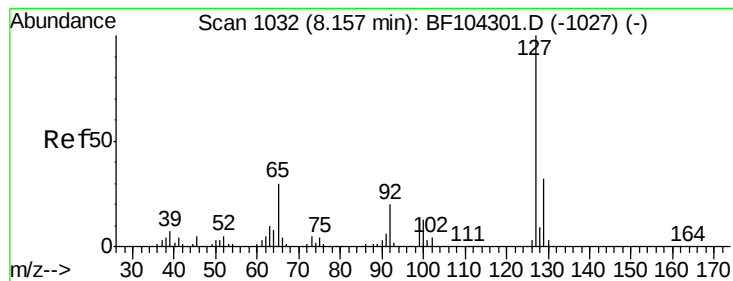


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.747 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104561.D

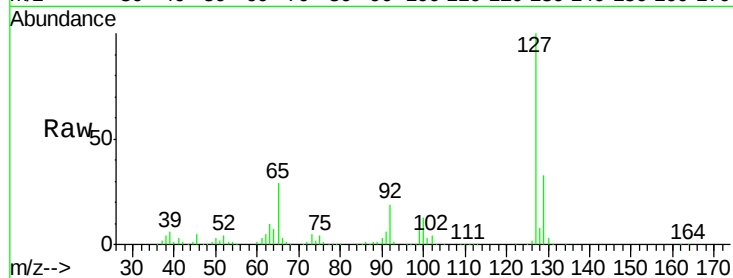
Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	486182
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.1	25.0	37.4
92	19.2	15.2	22.8

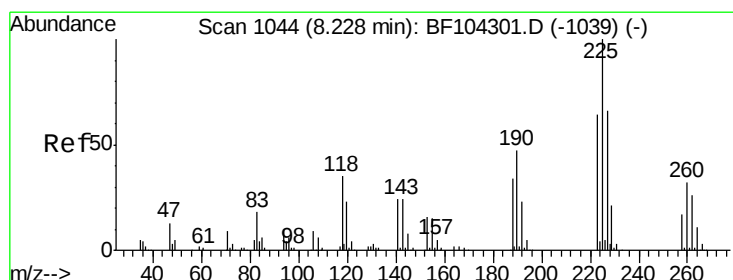
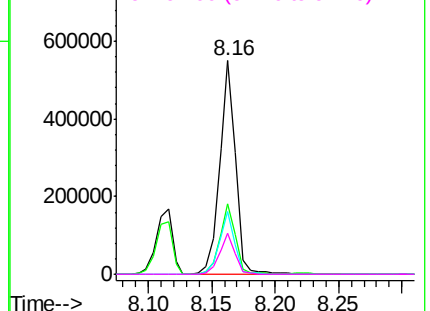
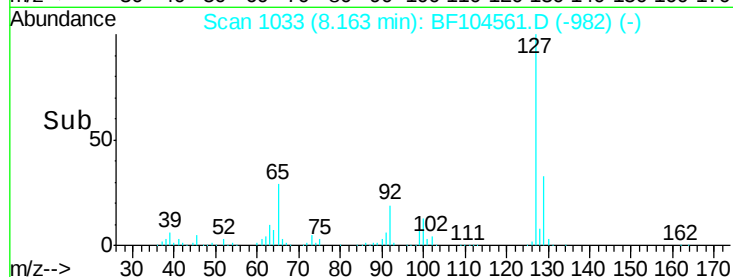


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.766 ng

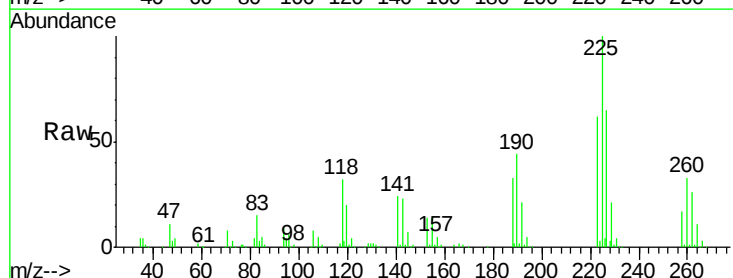
RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

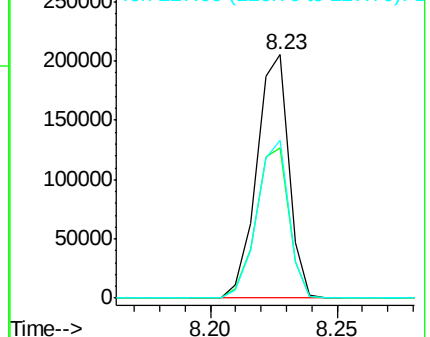
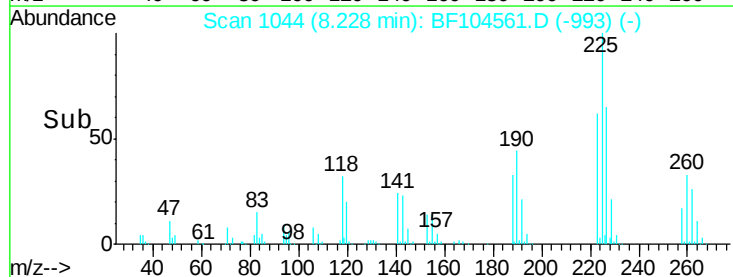
Tgt Ion:	225	Resp:	182211
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.9	51.9	77.9

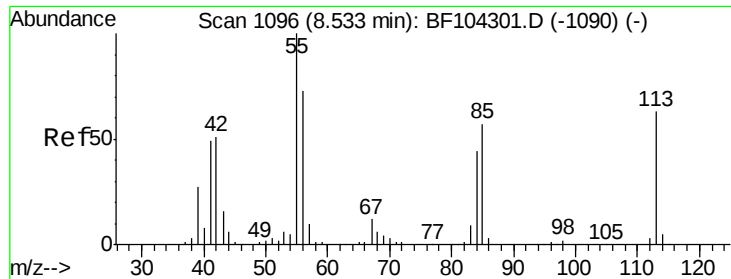


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.127 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

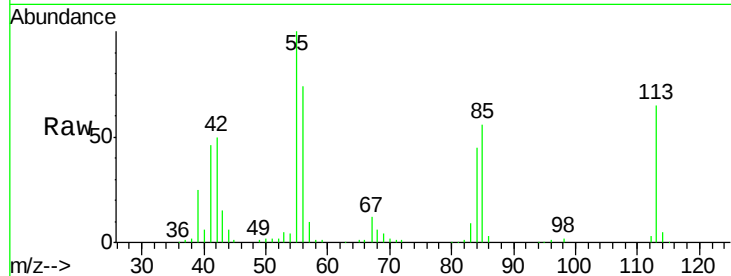
Tot Ion:113 Resp: 106728

Ion Ratio Lower Upper

113 100

55 154.8 163.3 203.3#

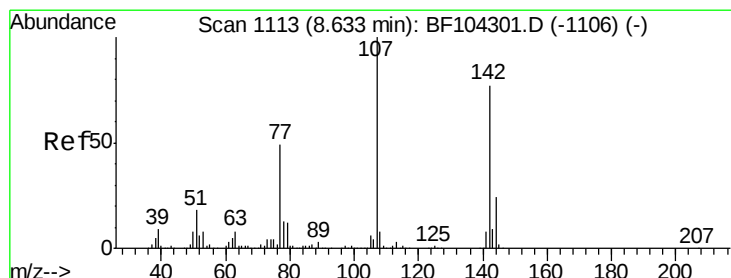
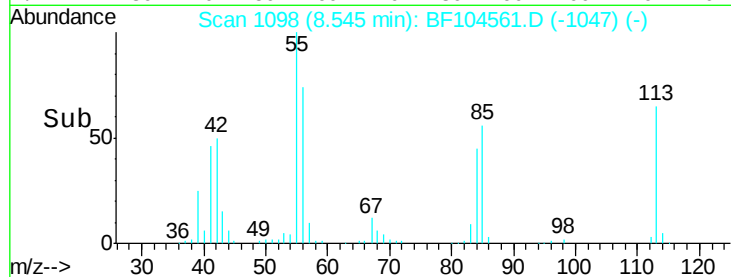
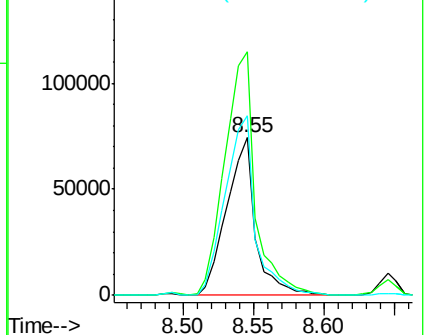
56 113.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.447 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

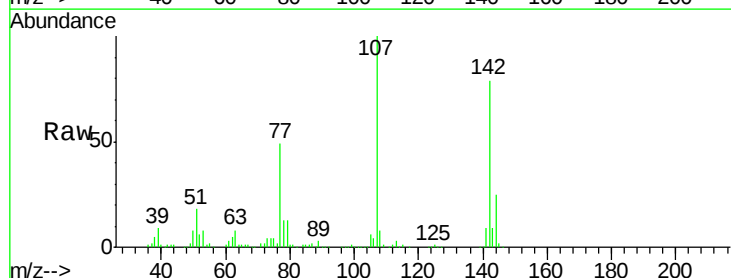
Tgt Ion:107 Resp: 330731

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

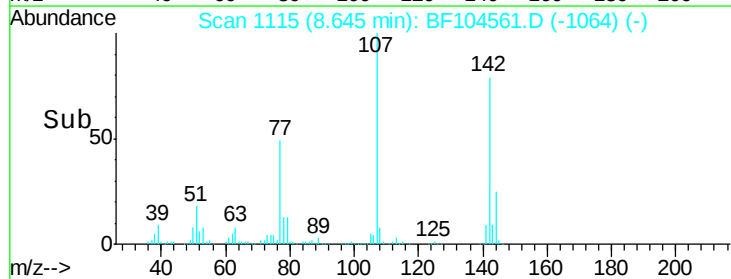
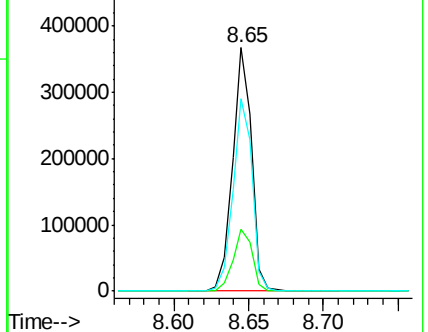
142 79.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

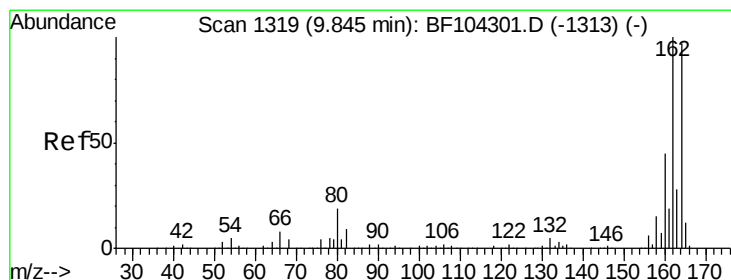
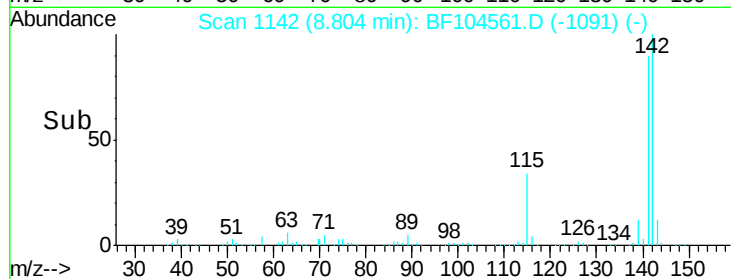
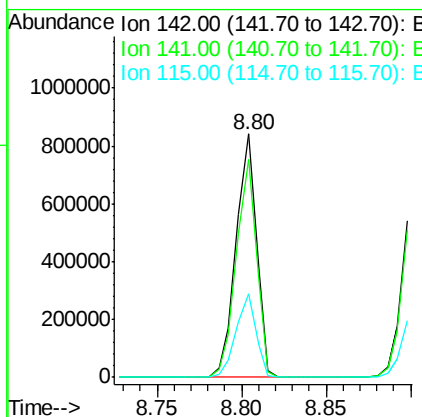
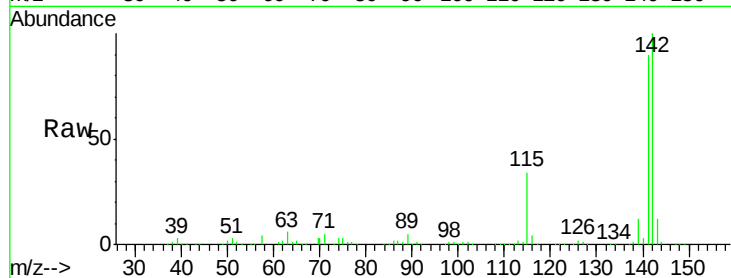




#37
 2-Methylnaphthalene
 Concen: 38.529 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

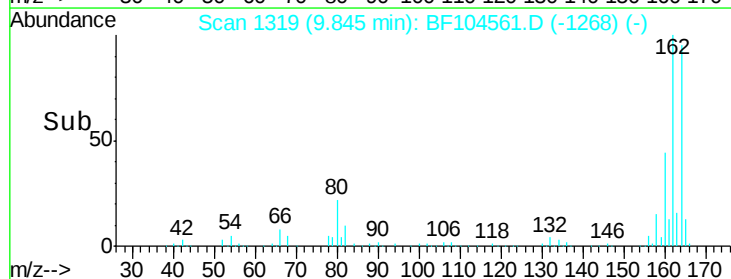
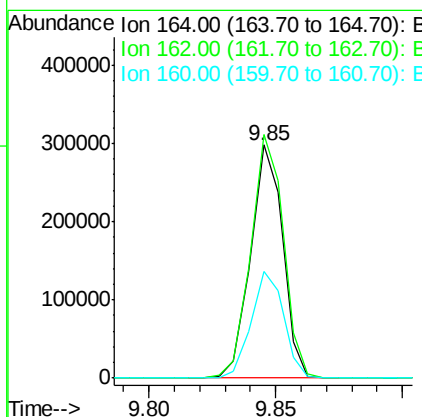
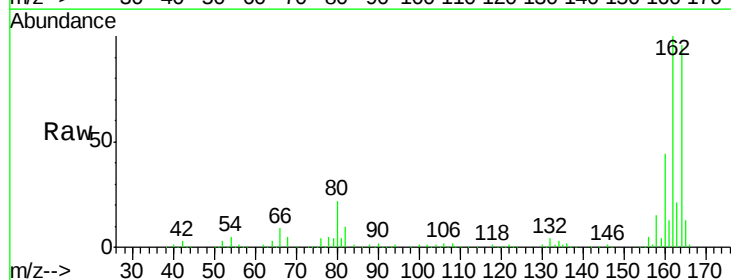
Instrument :
 BNA_F
 ClientSampleId :

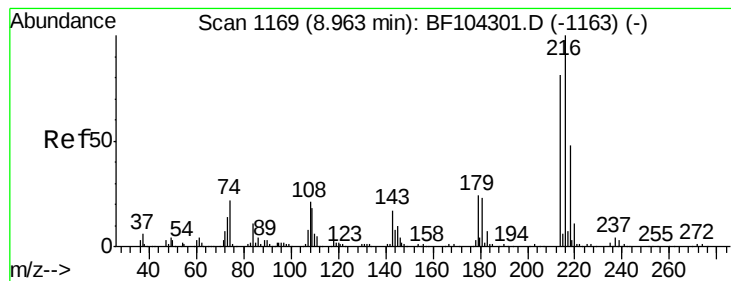
Tot Ion:142 Resp: 711572
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 34.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:164 Resp: 263006
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.823 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 307349

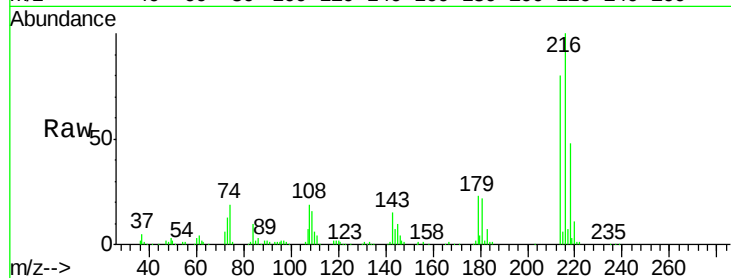
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 22.7 18.1 27.1

108 20.7 17.2 25.8

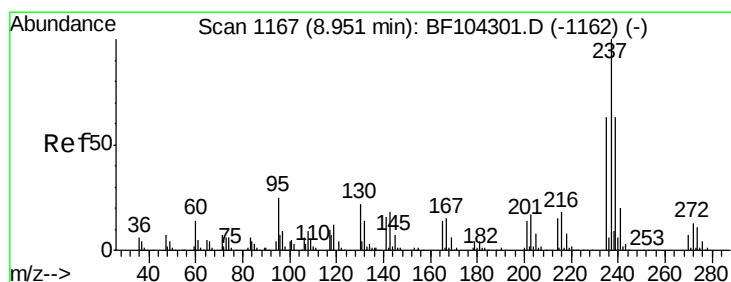
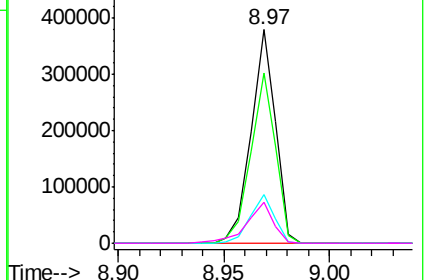
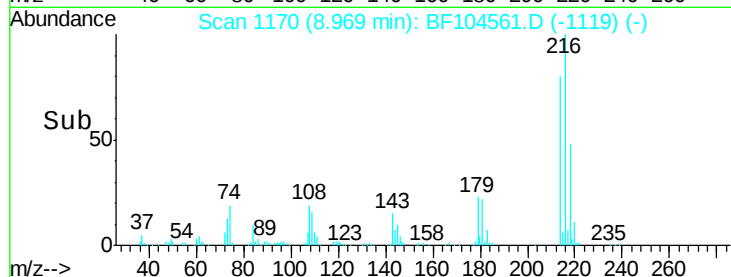


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.714 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

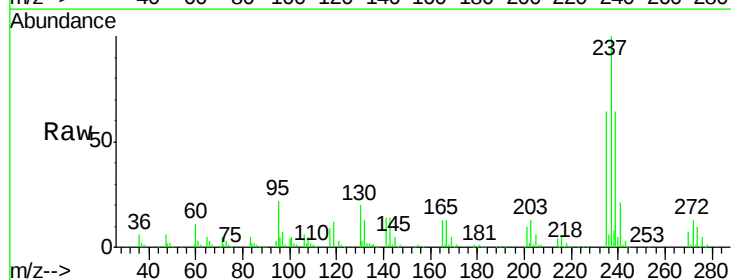
Tgt Ion:237 Resp: 167389

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

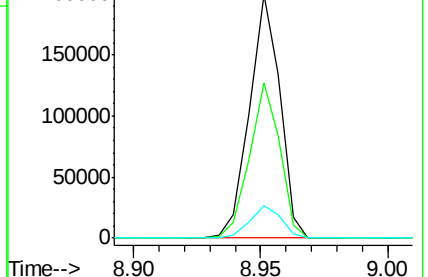
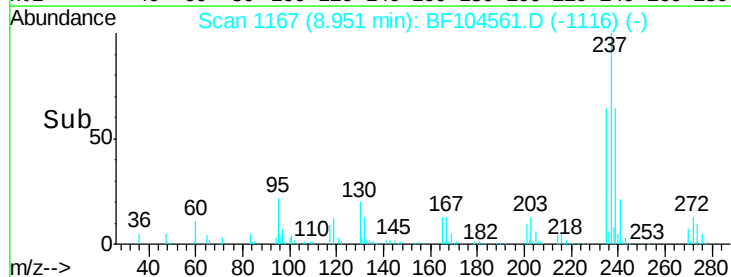
272 13.4 0.0 33.3



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

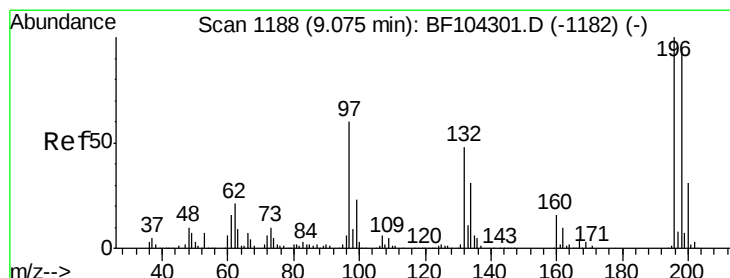
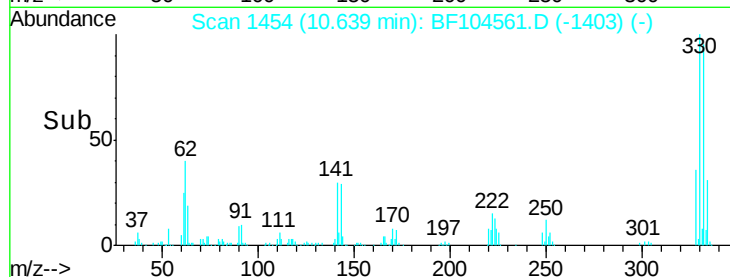
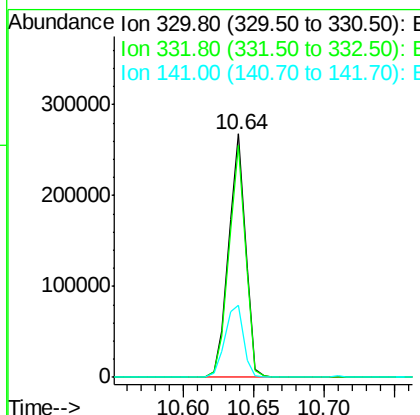
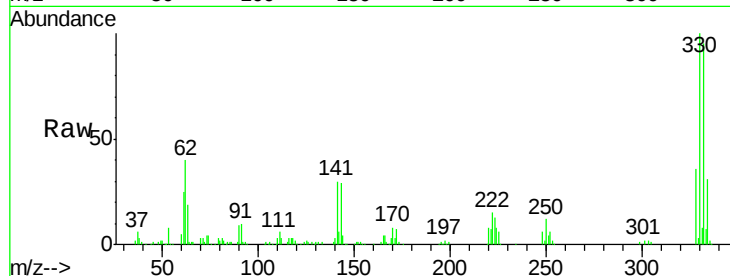




#41
 2,4,6-Tribromophenol
 Concen: 82.282 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

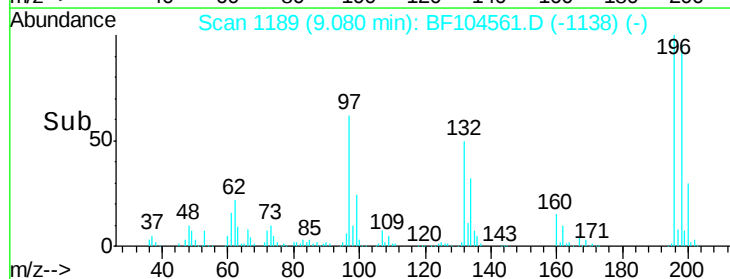
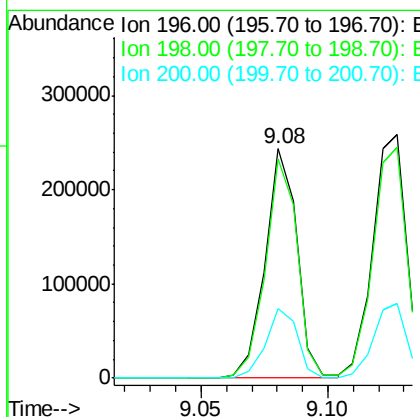
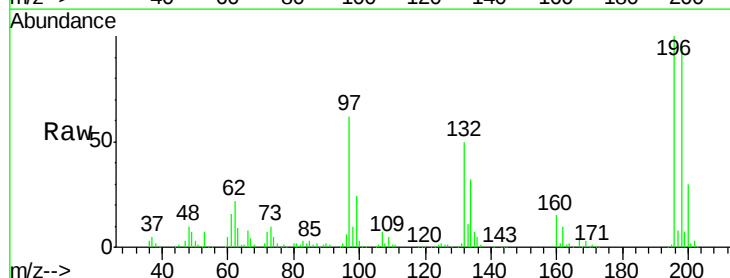
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	32.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.209 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	30.4	24.5	36.7

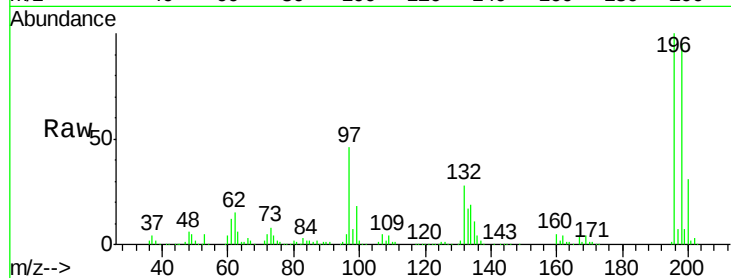




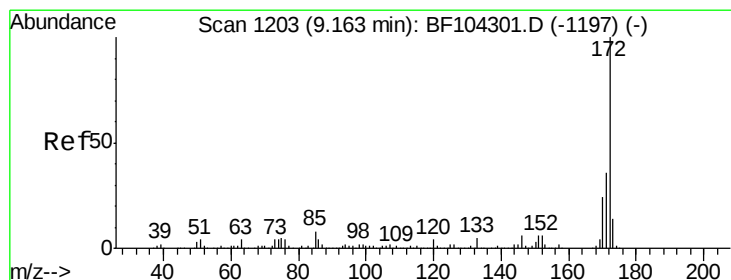
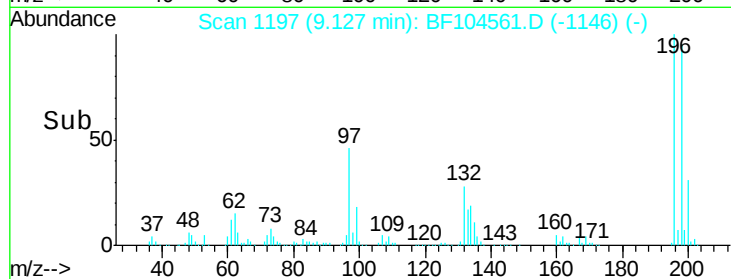
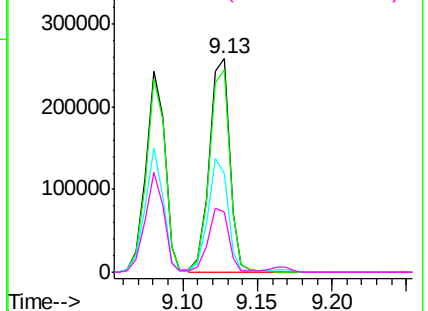
#43
 2,4,5-Trichlorophenol
 Concen: 41.760 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	244234
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	46.2	42.9	64.3
132	28.0	26.3	39.5

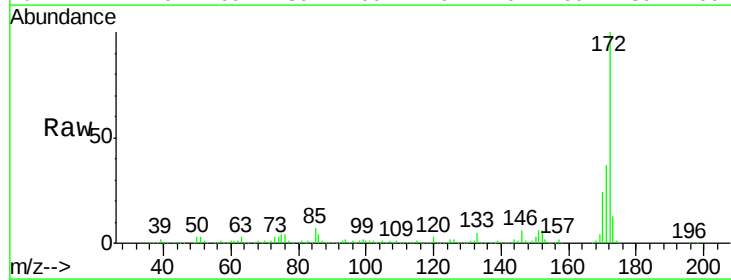


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

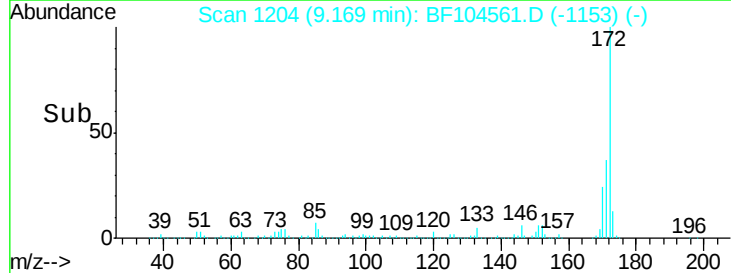
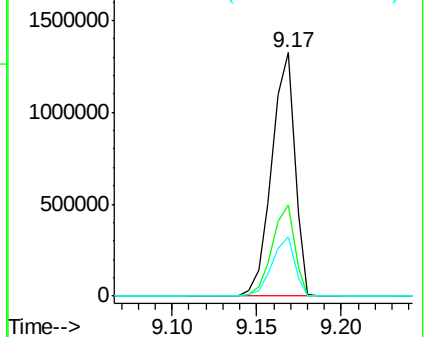


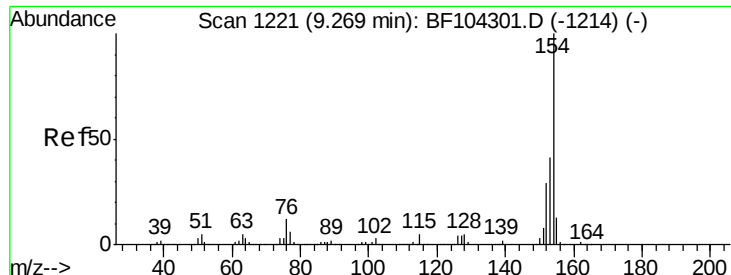
#44
 2-Fluorobiphenyl
 Concen: 75.267 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:	172	Resp:	1253089
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.4	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: 38.810 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

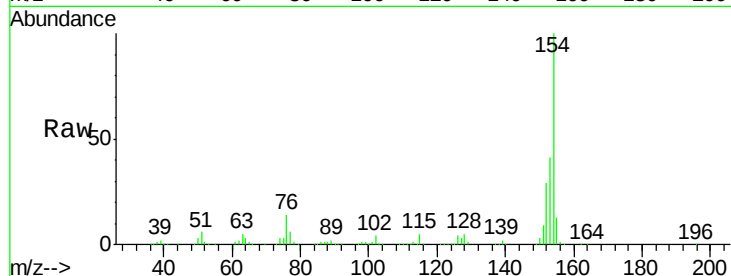
Tot Ion:154 Resp: 857477

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

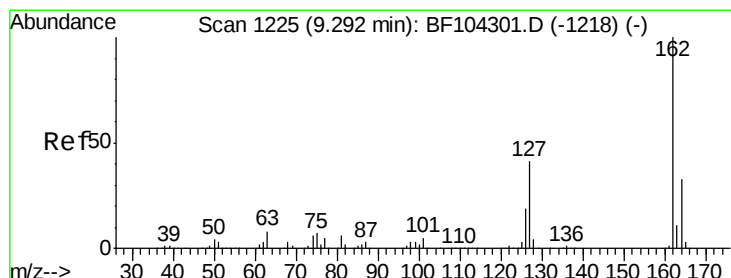
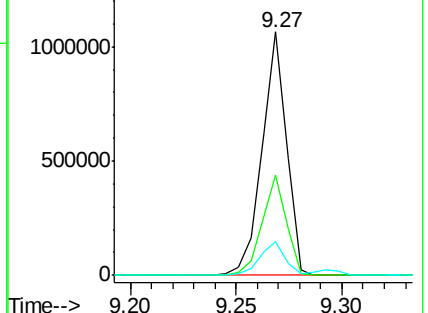
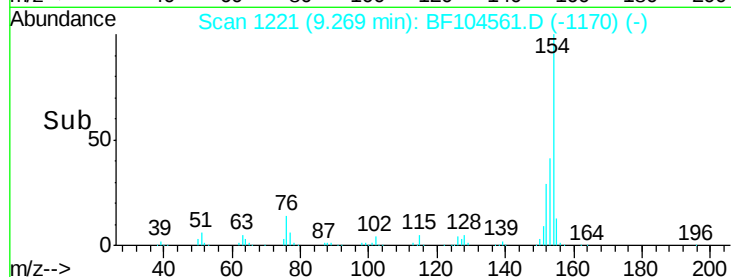
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.674 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

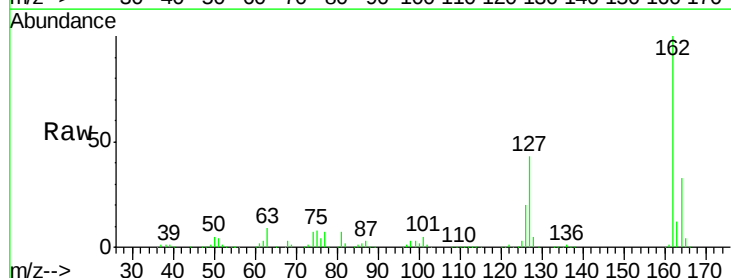
Tgt Ion:162 Resp: 692373

Ion Ratio Lower Upper

162 100

127 43.2 33.9 50.9

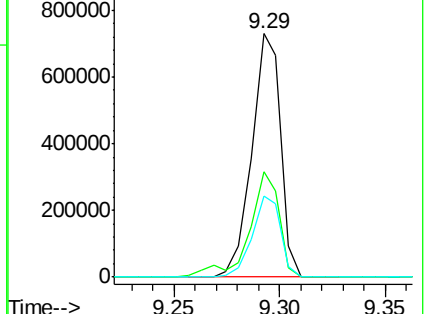
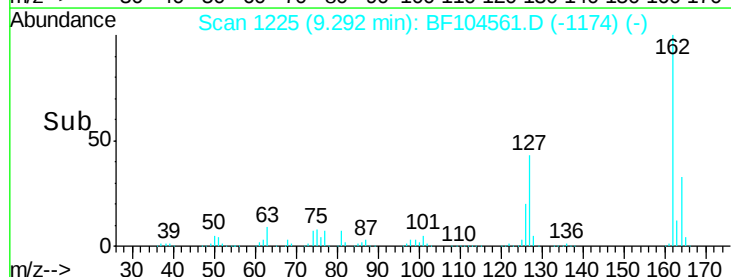
164 33.1 26.5 39.7



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

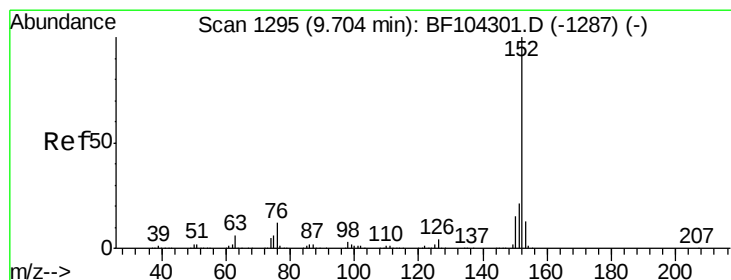
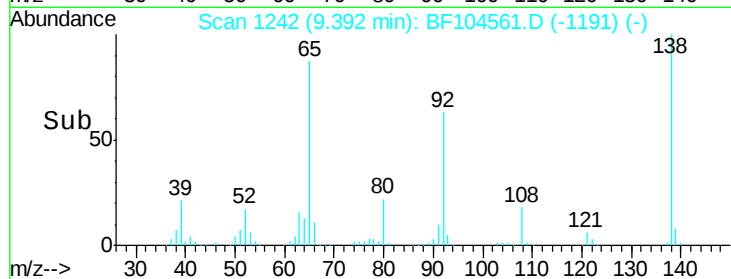
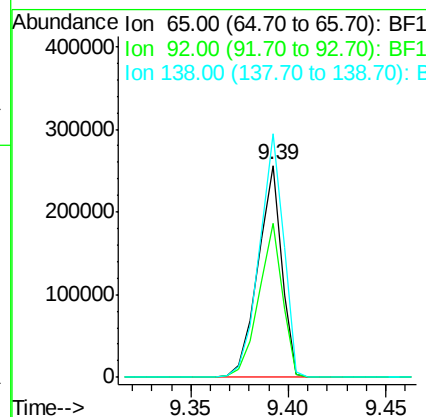
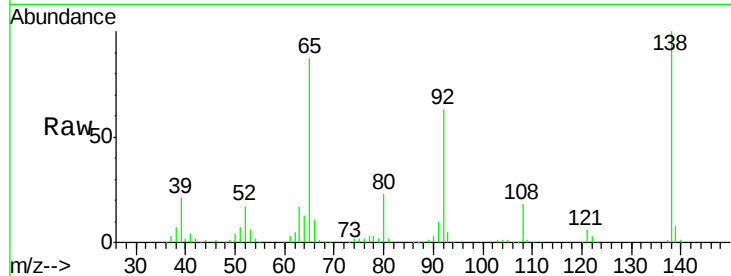




#47
 2-Nitroaniline
 Concen: 50.270 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

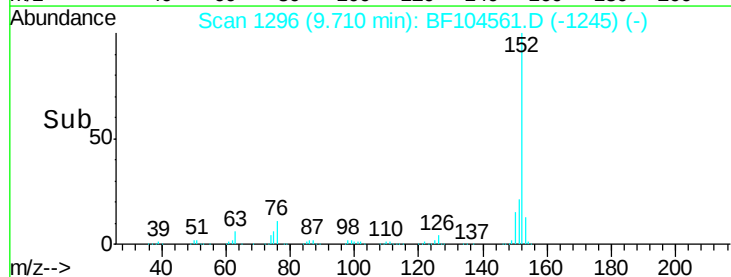
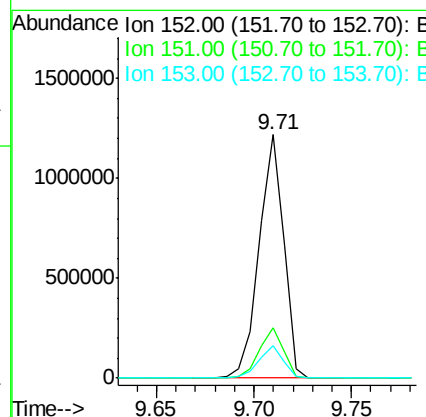
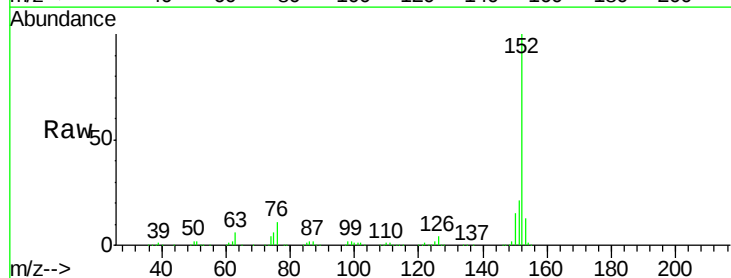
Instrument :
 BNA_F
 ClientSampleId :

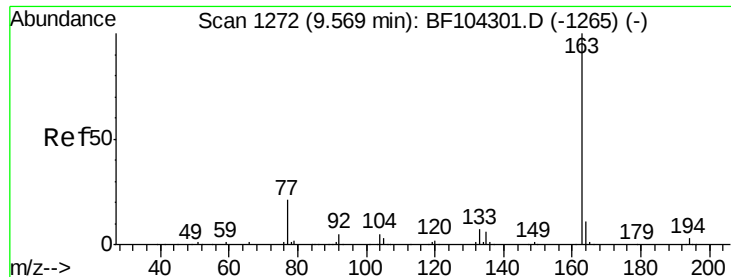
Tot Ion: 65 Resp: 216954
 Ion Ratio Lower Upper
 65 100
 92 72.9 55.8 83.6
 138 115.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.850 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion: 152 Resp: 1063759
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.4 10.7 16.1

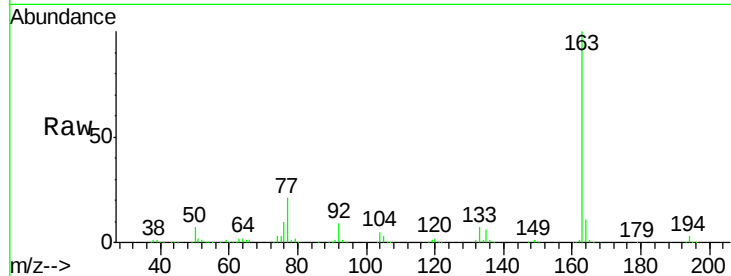




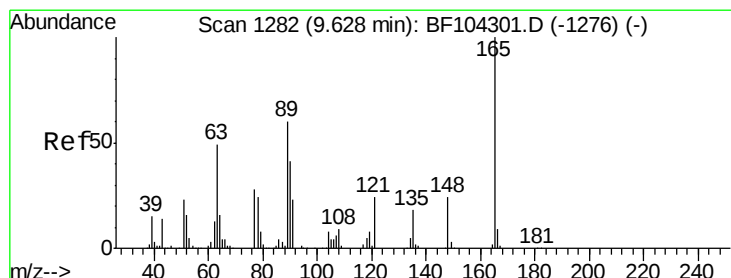
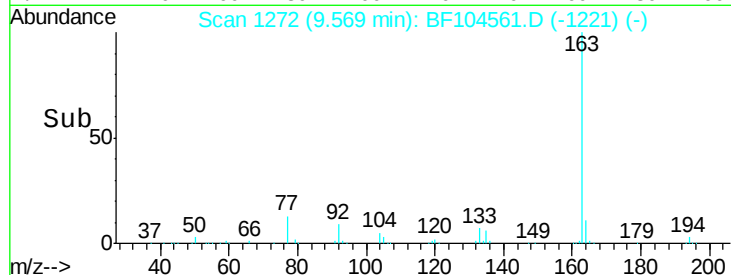
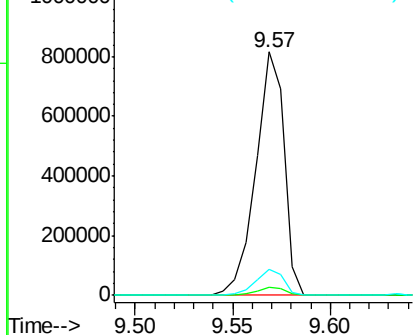
#49
Dimethylphthalate
Concen: 39.530 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 819864
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

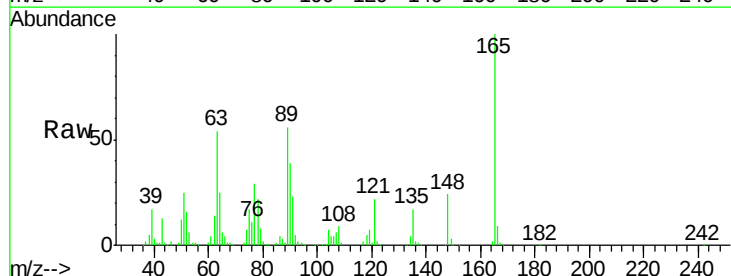


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

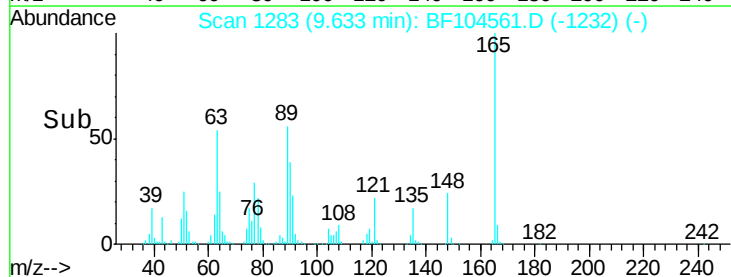
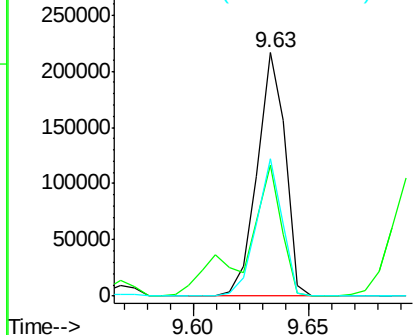


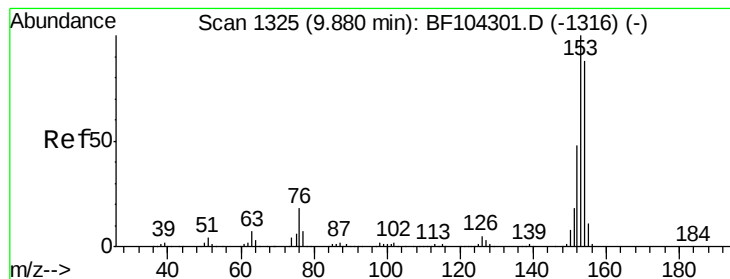
#50
2,6-Dinitrotoluene
Concen: 47.871 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:165 Resp: 183716
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 56.4 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: 36.778 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

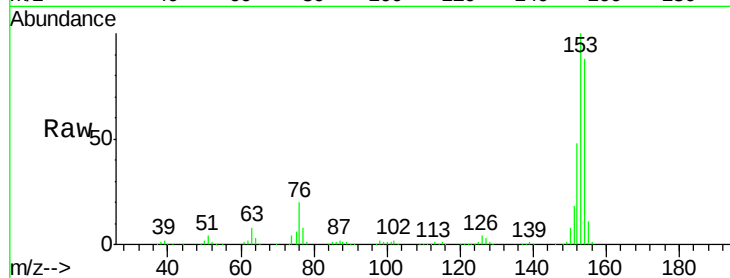
Tot Ion:154 Resp: 614422

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

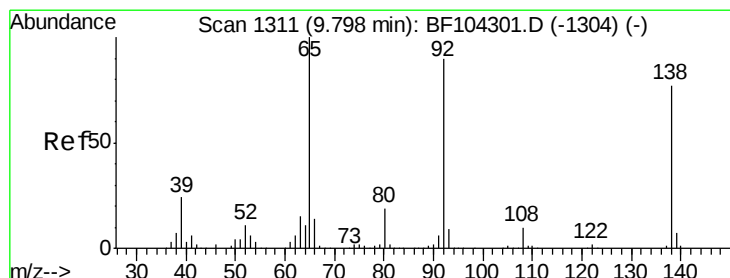
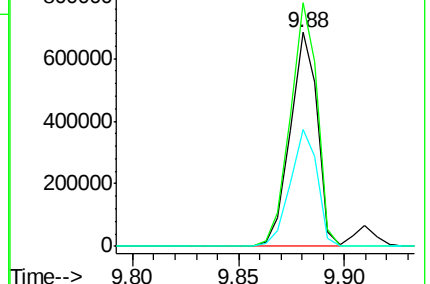
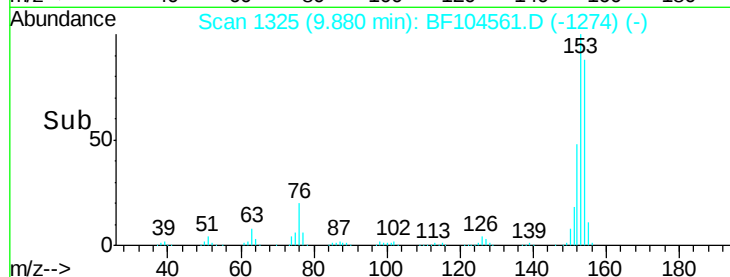
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.741 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

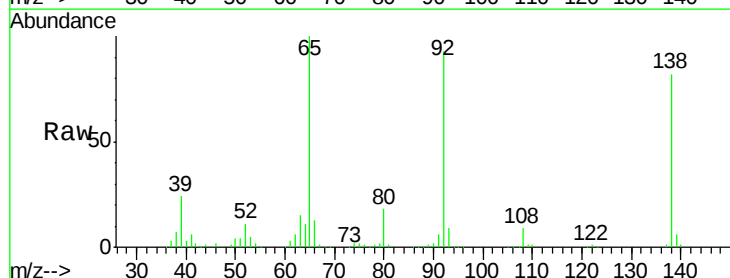
Tgt Ion:138 Resp: 218986

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

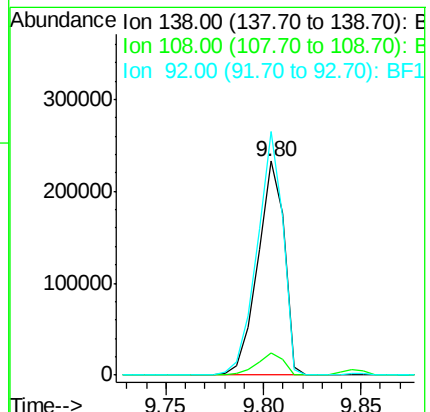
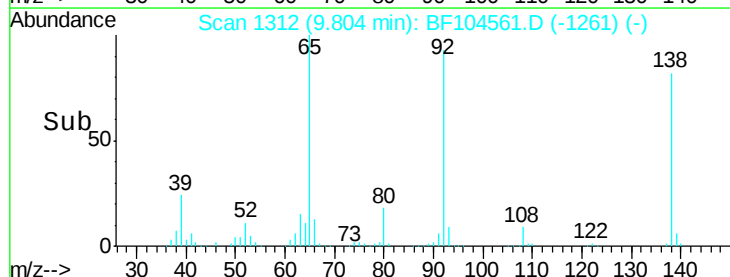
92 114.0 89.4 134.2

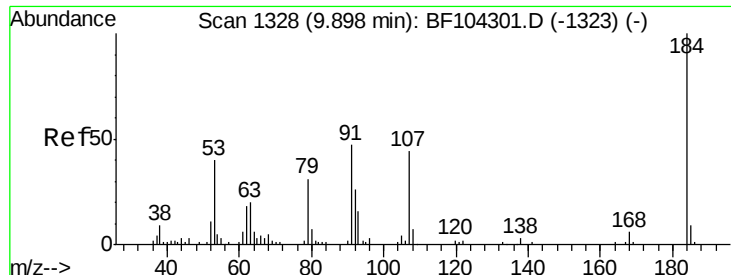


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

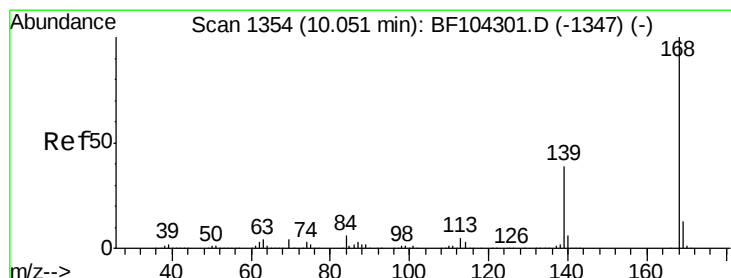
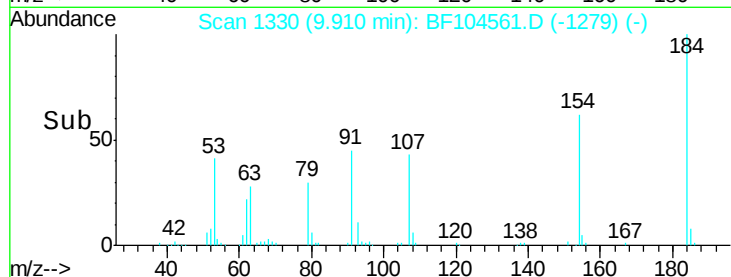
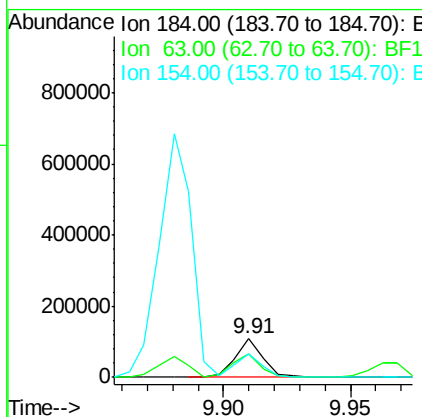
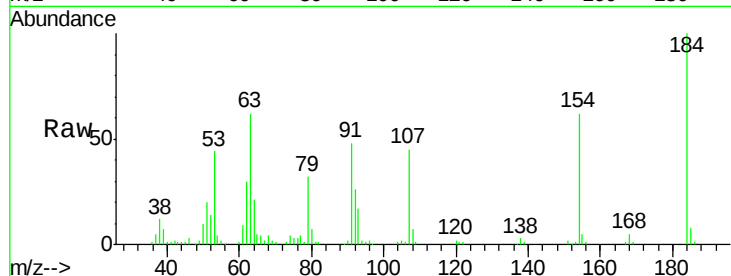




#53
 2,4-Dinitrophenol
 Concen: 58.940 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

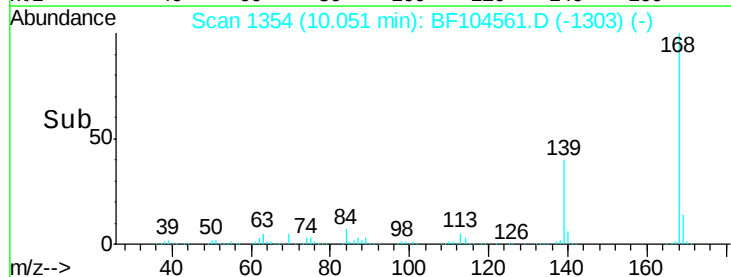
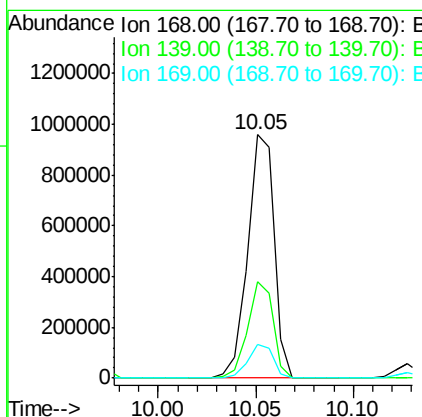
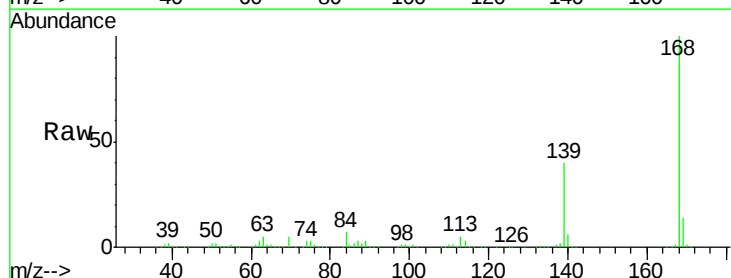
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 81338
 Ion Ratio Lower Upper
 184 100
 63 62.0 54.2 81.2
 154 62.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.578 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:168 Resp: 898173
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 44.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

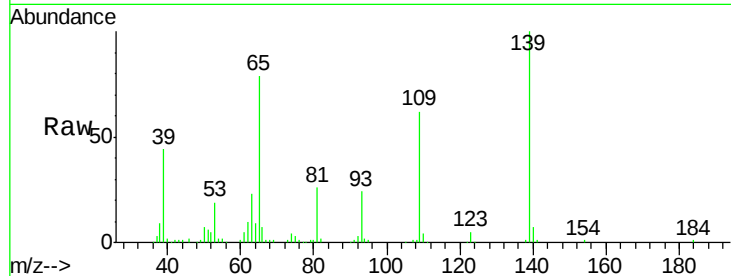
Tot Ion:139 Resp: 155289

Ion Ratio Lower Upper

139 100

109 61.8 48.4 88.4

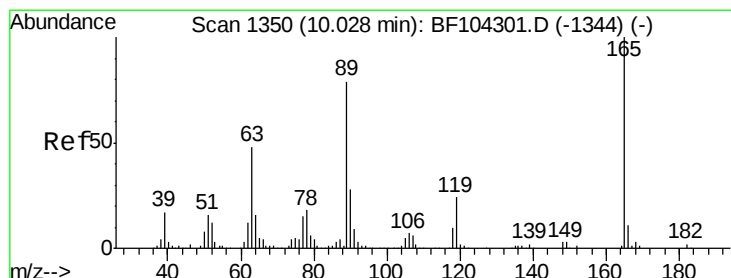
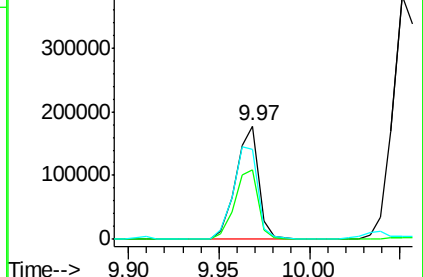
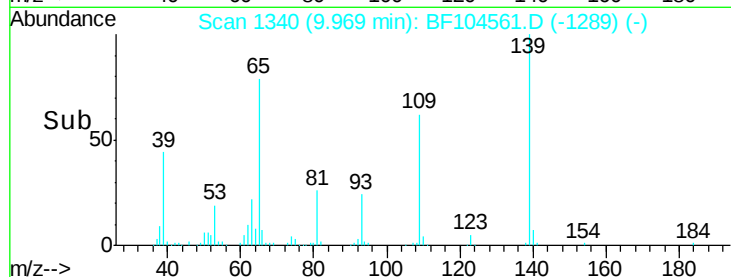
65 79.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 47.158 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Tgt Ion:165 Resp: 237393

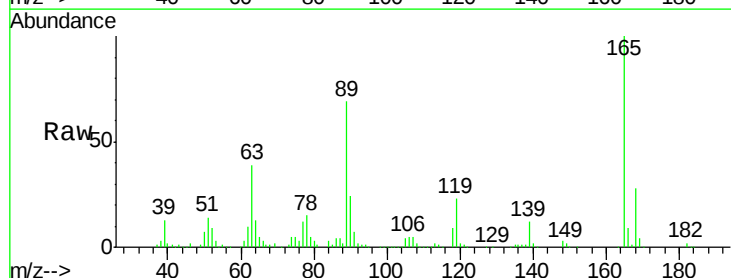
Ion Ratio Lower Upper

165 100

63 39.1 36.4 54.6

89 68.6 57.8 86.6

182 2.4 1.6 2.4

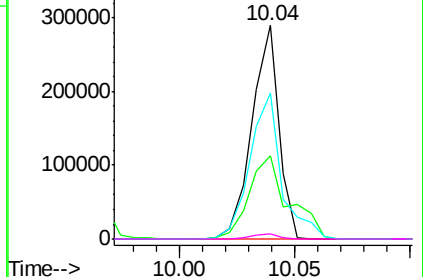
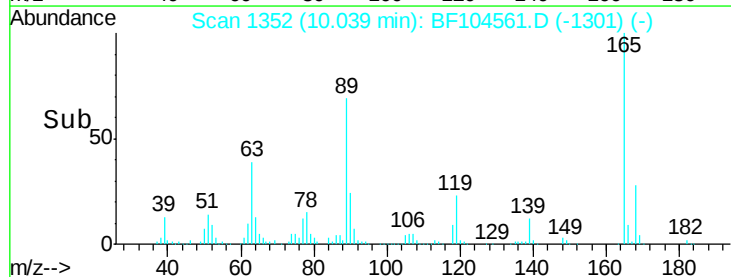


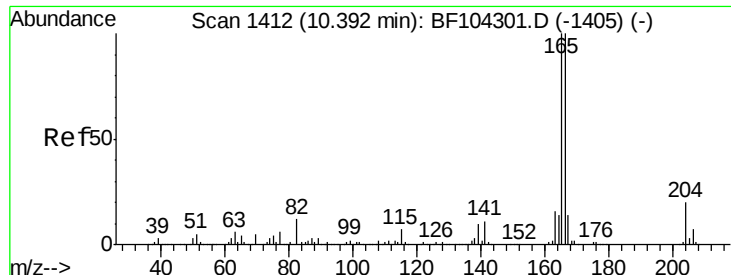
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

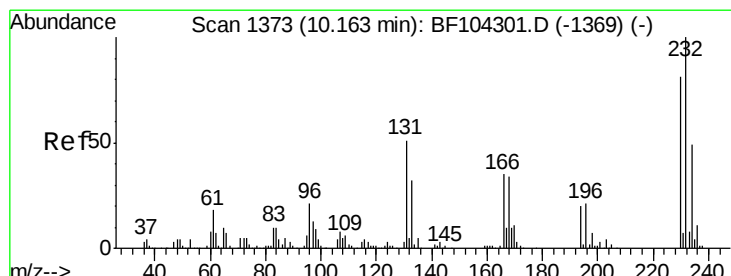
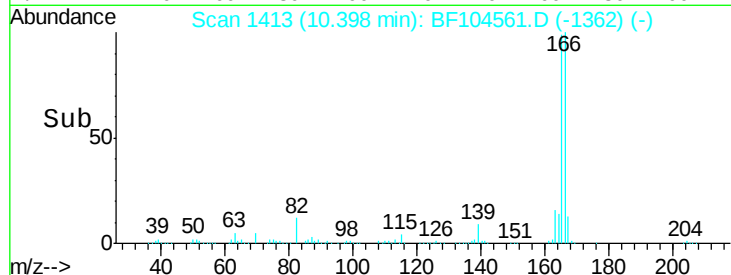
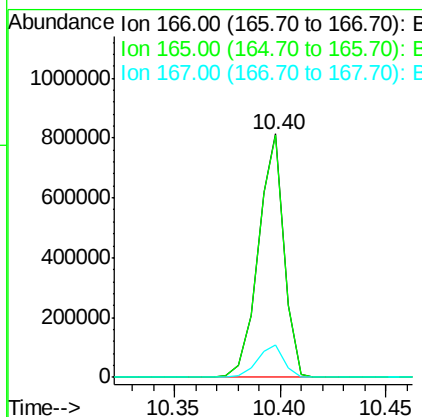
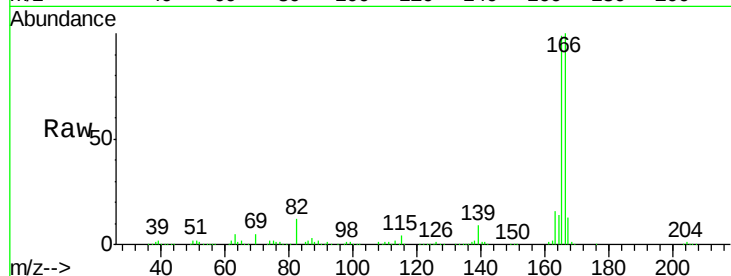




#57
 Fluorene
 Concen: 40.317 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

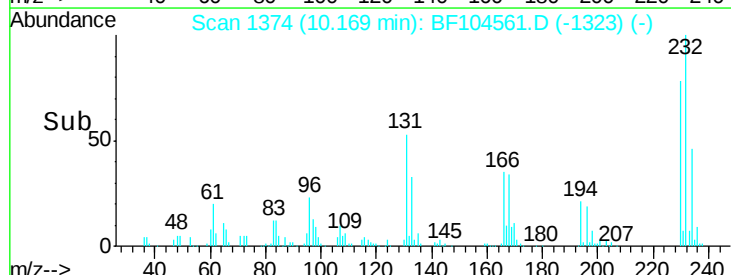
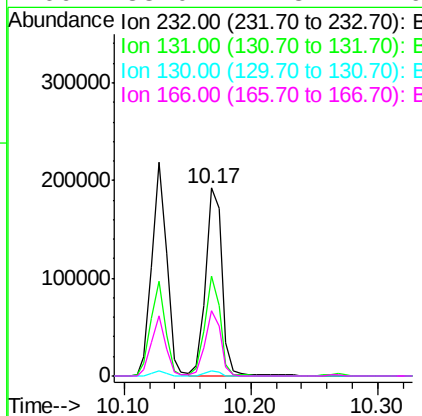
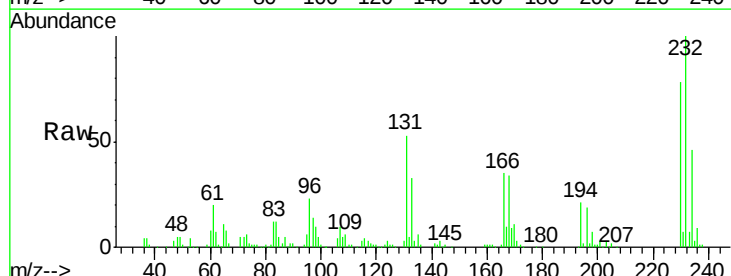
Instrument :
 BNA_F
 ClientSampled :

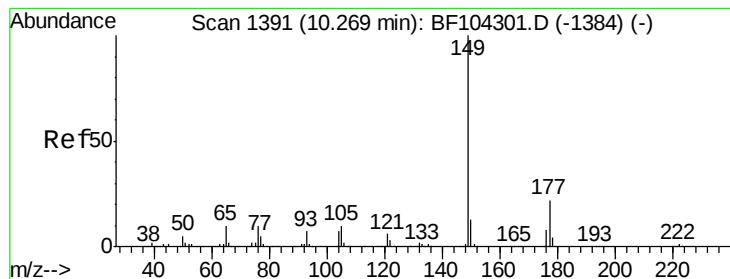
Tot Ion:	166	Resp:	683227
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.320 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:	232	Resp:	175926
Ion	Ratio	Lower	Upper
232	100		
131	49.1	43.8	65.8
130	2.5	2.1	3.1
166	33.0	27.8	41.6





#59

Diethylphthalate

Concen: 37.891 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

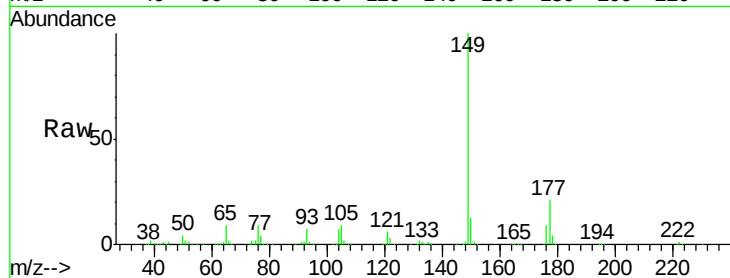
Tot Ion:149 Resp: 782674

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

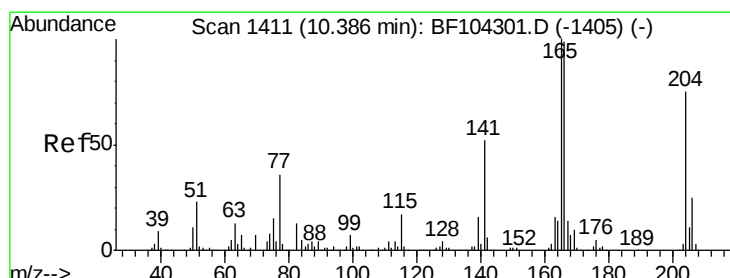
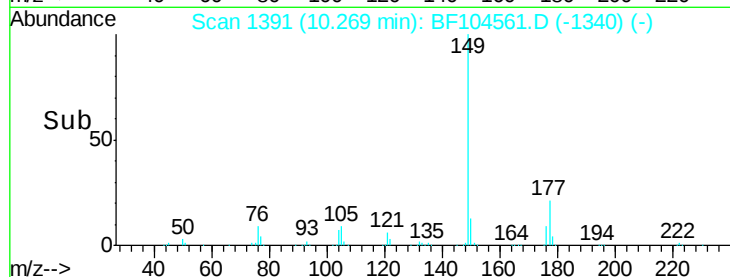
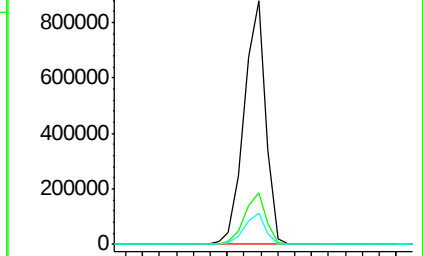
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.562 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

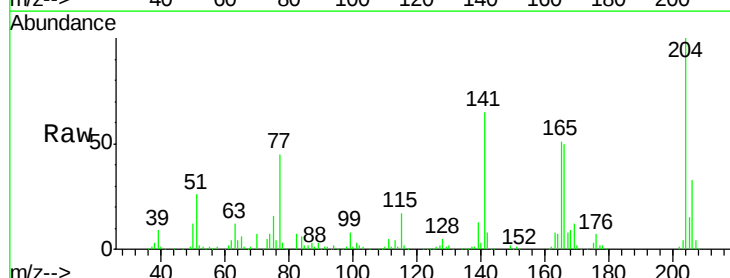
Tgt Ion:204 Resp: 313671

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

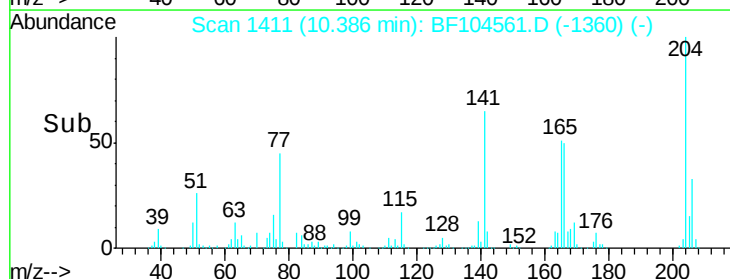
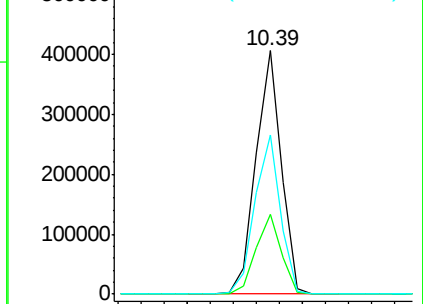
141 65.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

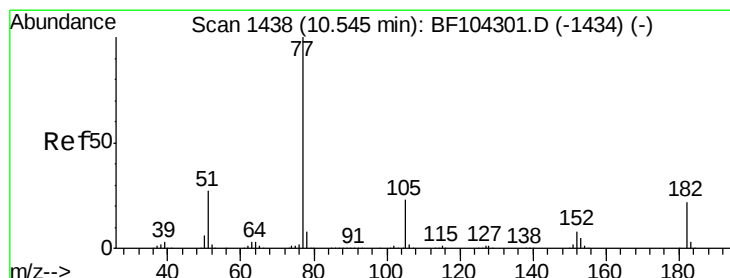
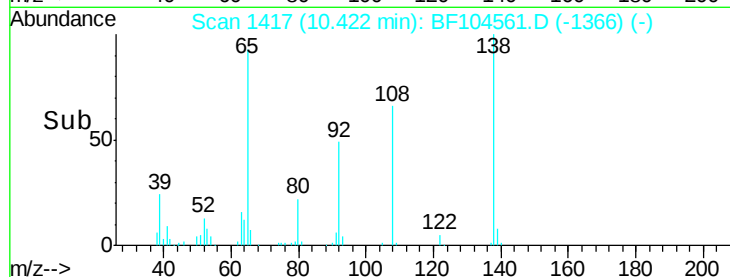
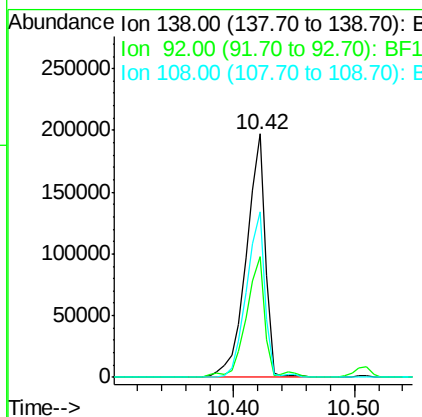
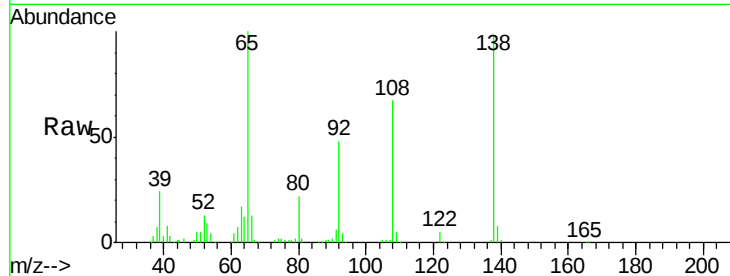




#61
4-Nitroaniline
Concen: 49.616 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

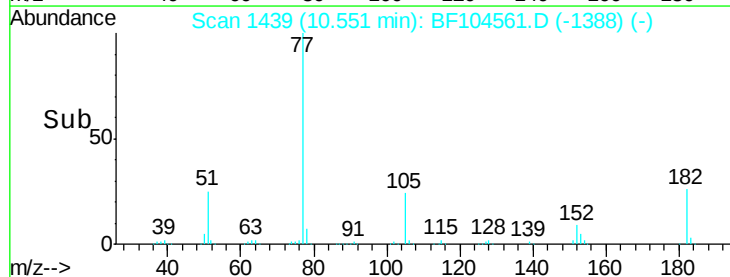
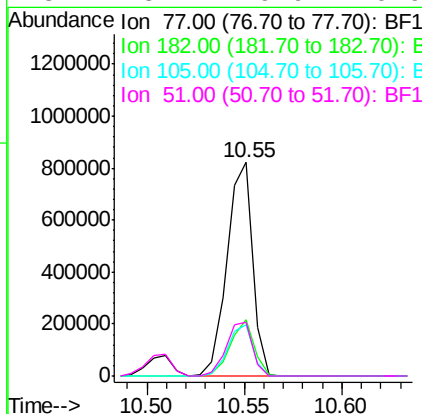
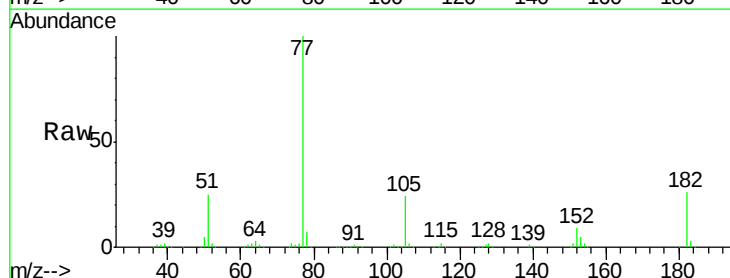
Instrument :
BNA_F
ClientSampleId :

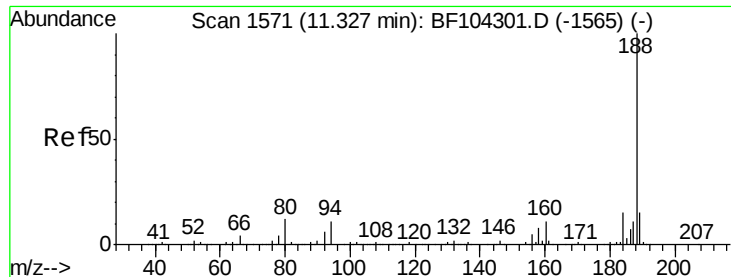
Tot Ion:138 Resp: 217960
Ion Ratio Lower Upper
138 100
92 49.4 30.2 70.2
108 68.2 52.5 92.5



#62
Azobenzene
Concen: 37.889 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion: 77 Resp: 747699
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 24.2 3.0 43.0
51 25.2 9.9 49.9

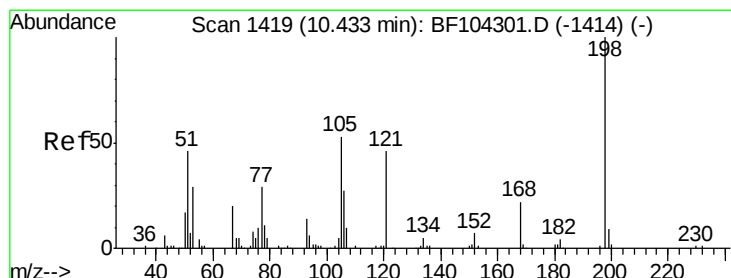
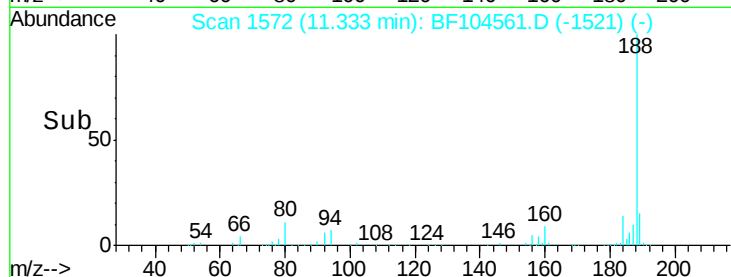
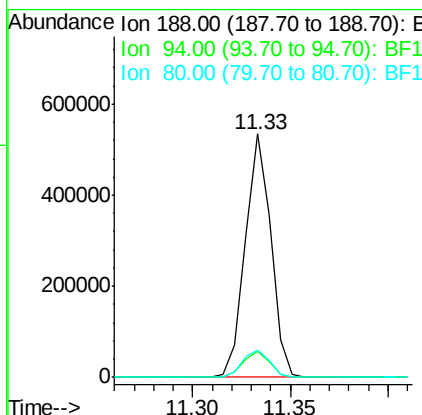
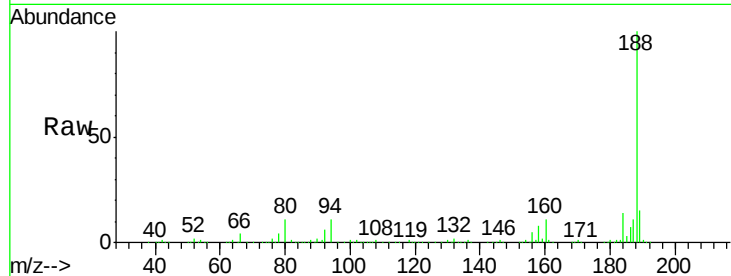




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

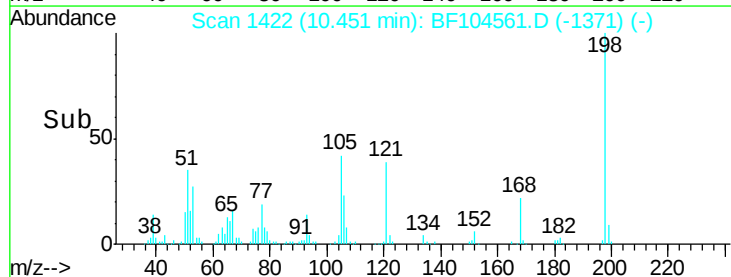
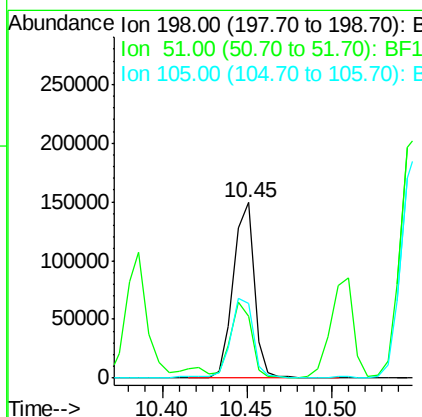
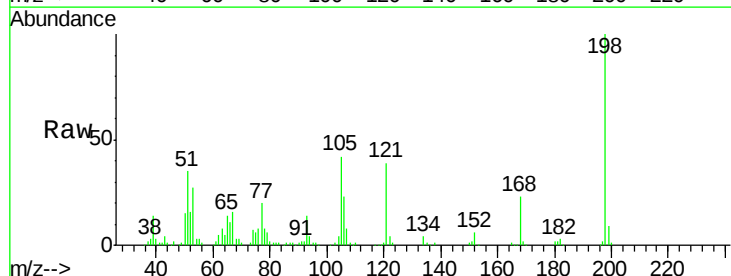
Instrument :
 BNA_F
 ClientSampleId :

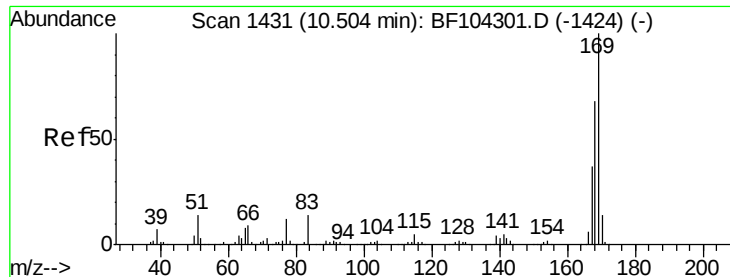
Tot Ion:188 Resp: 487073
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.816 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:198 Resp: 130152
 Ion Ratio Lower Upper
 198 100
 51 35.0 37.7 77.7#
 105 42.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.778 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

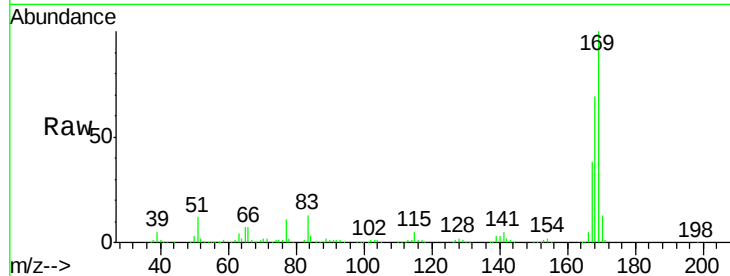
Tot Ion:169 Resp: 637996

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

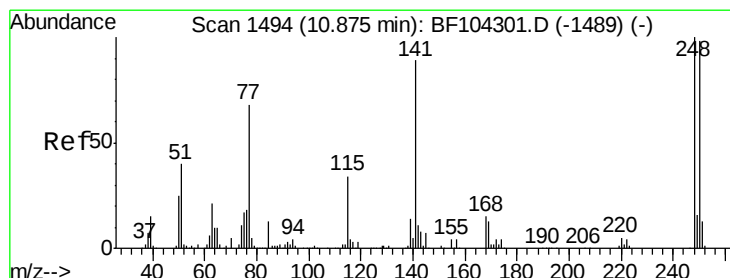
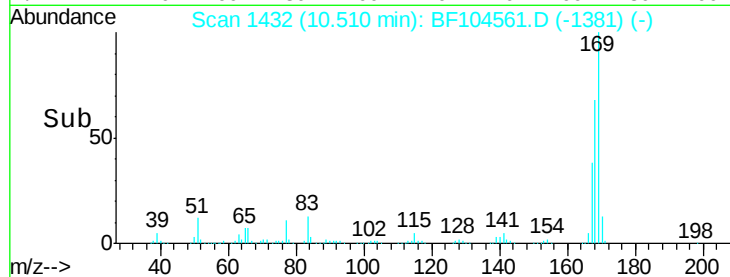
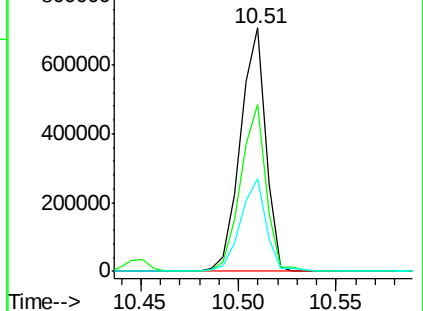
167 38.2 29.8 44.6



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: 38.461 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

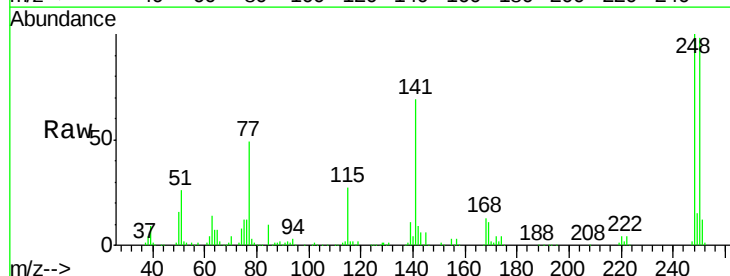
Tgt Ion:248 Resp: 199260

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

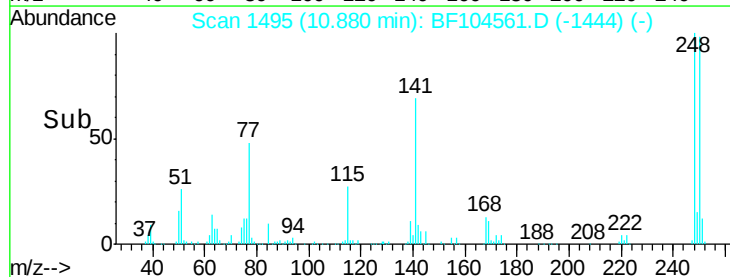
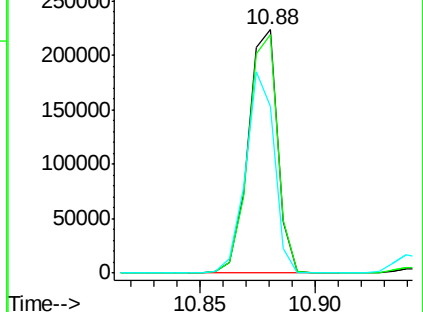
141 68.5 74.4 111.6#



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

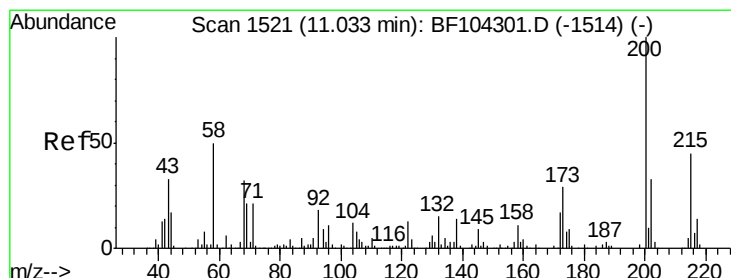
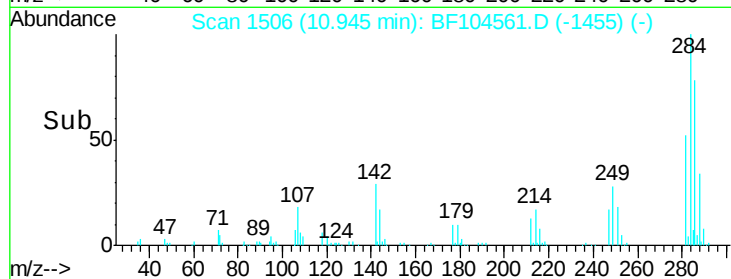
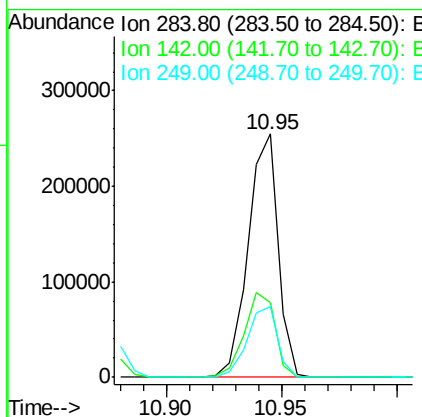
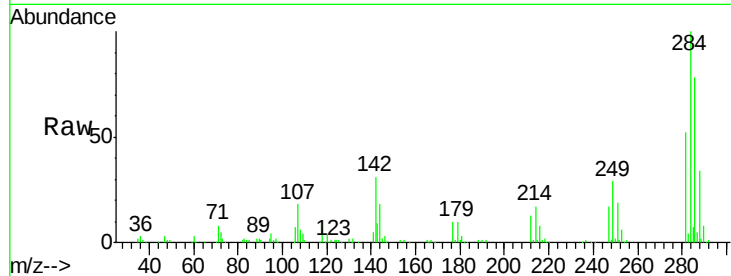




#67
Hexachlorobenzene
Concen: 39.692 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

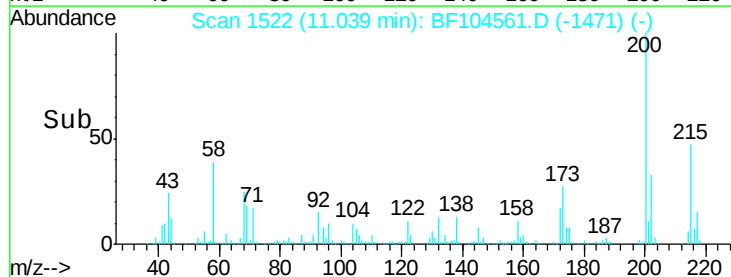
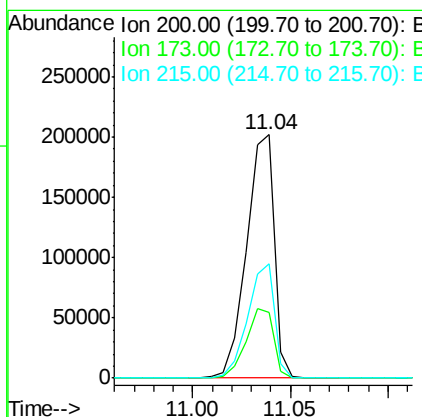
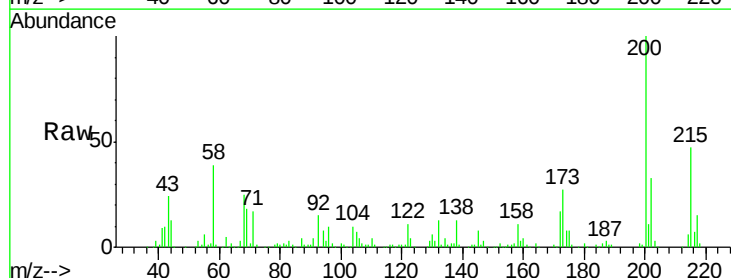
Instrument :
BNA_F
ClientSampleId :

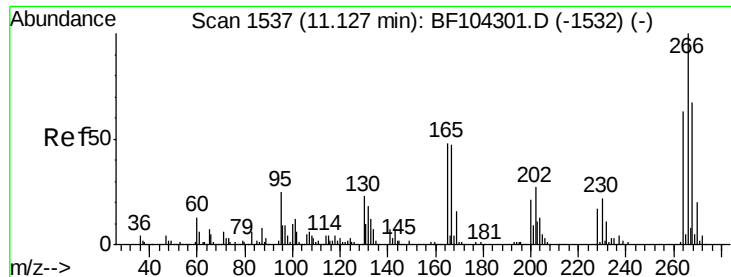
Tot Ion:284 Resp: 231389
Ion Ratio Lower Upper
284 100
142 30.8 34.6 52.0#
249 29.1 24.8 37.2



#68
Atrazine
Concen: 38.964 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:200 Resp: 198624
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 47.1 25.1 65.1

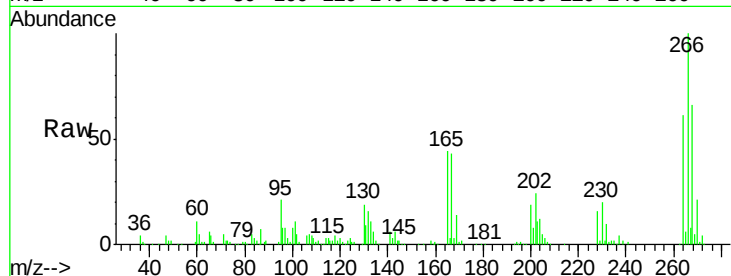




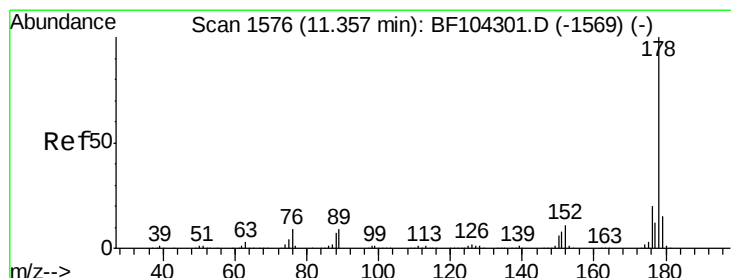
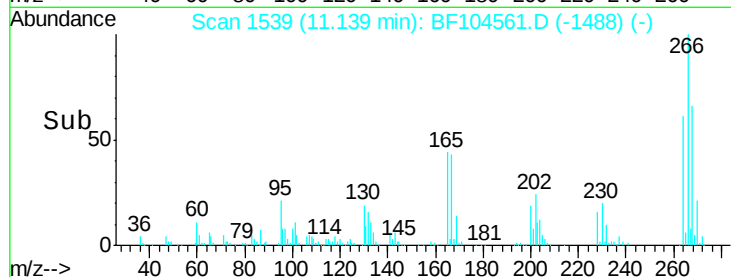
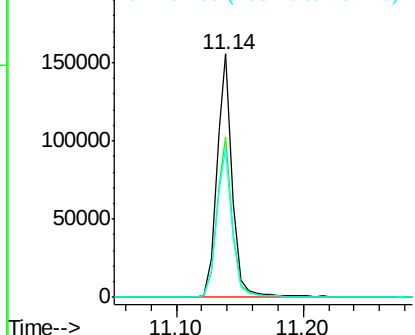
#69
 Pentachlorophenol
 Concen: 36.912 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 133122
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 61.2 49.5 74.3

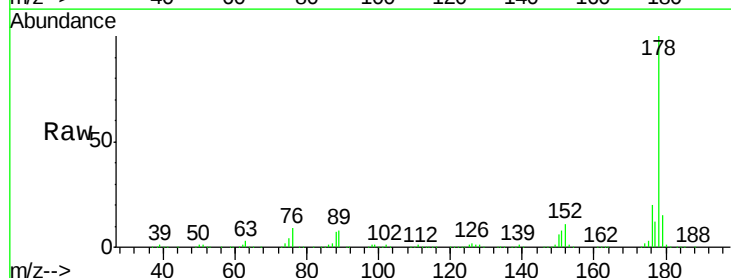


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

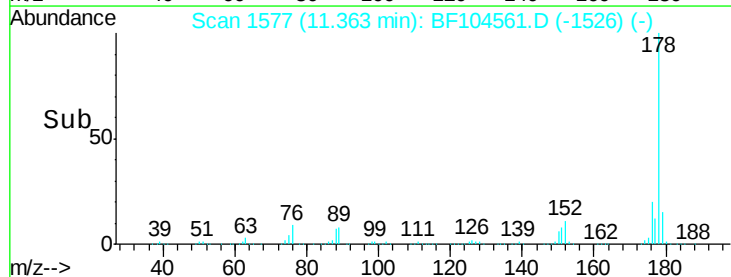
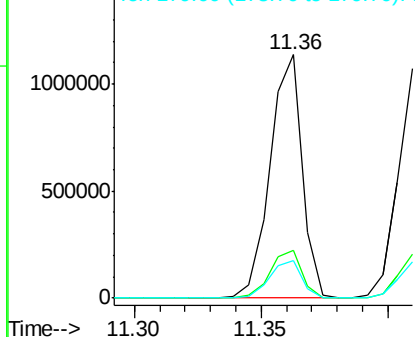


#70
 Phenanthrene
 Concen: 37.290 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:178 Resp: 1011496
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 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

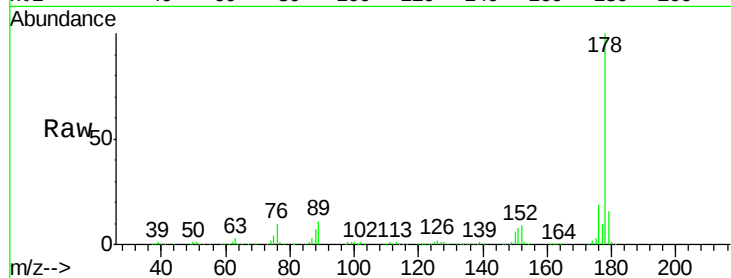




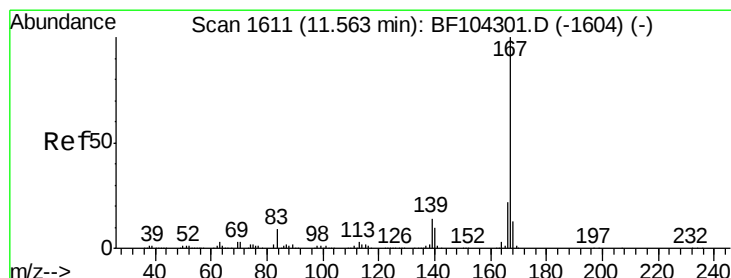
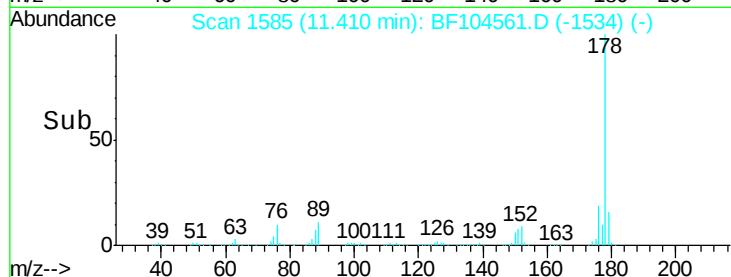
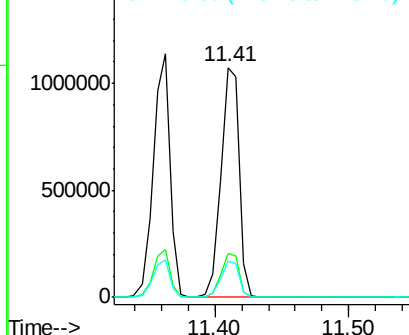
#71
 Anthracene
 Concen: 37.774 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1041544
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.6 19.0

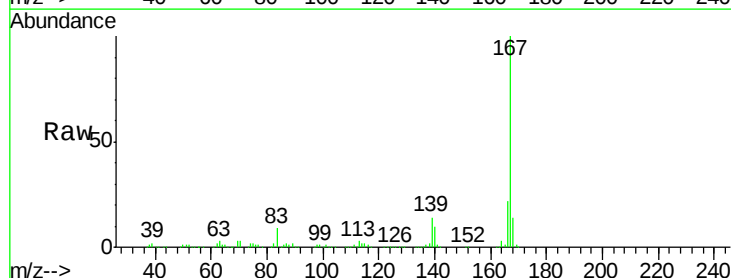


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

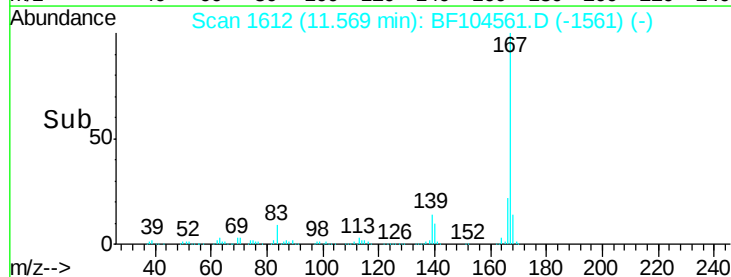
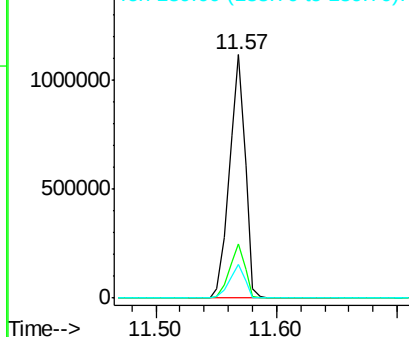


#72
 Carbazole
 Concen: 37.462 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:167 Resp: 1009347
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.386 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

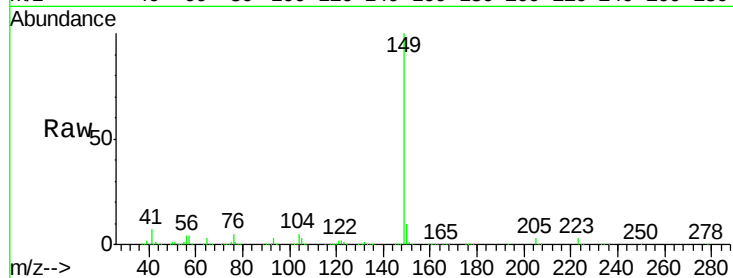
Tot Ion:149 Resp: 1197570

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

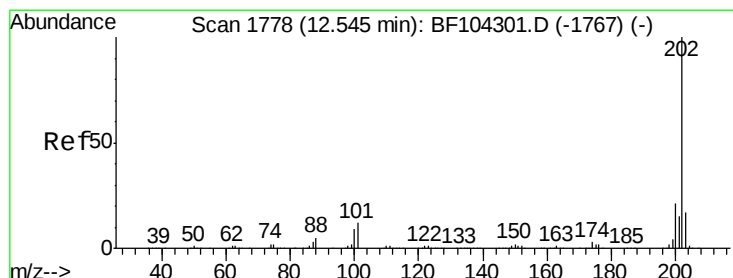
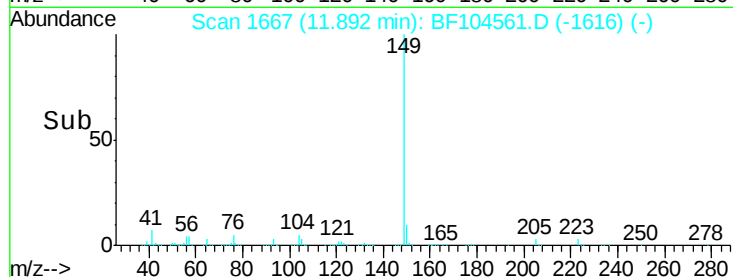
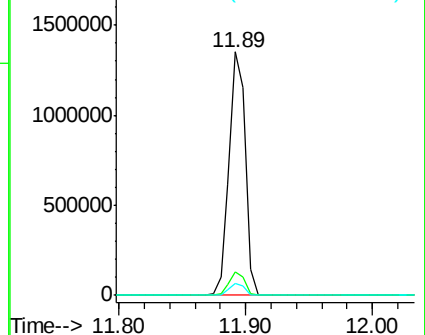
104 5.0 3.8 5.8



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: 37.120 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

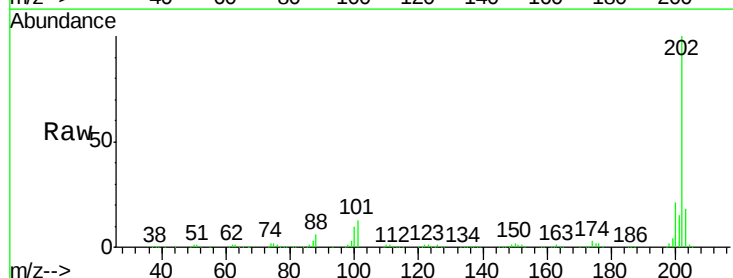
Tgt Ion:202 Resp: 1051979

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

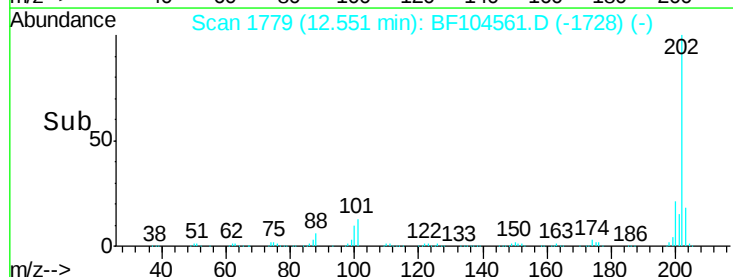
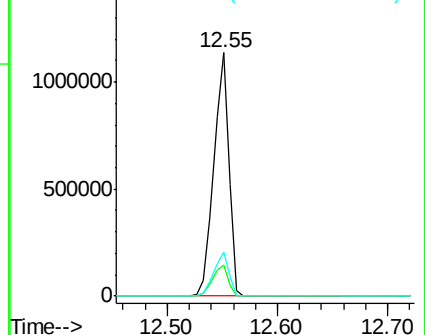
203 17.9 0.0 38.1

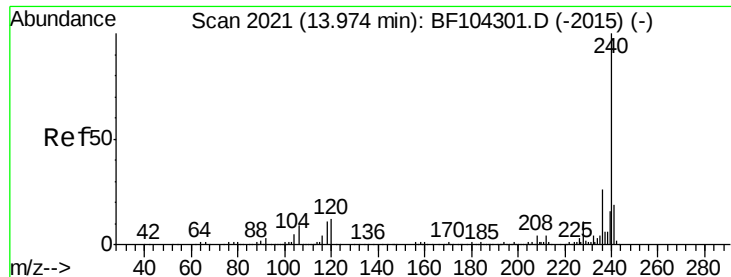


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

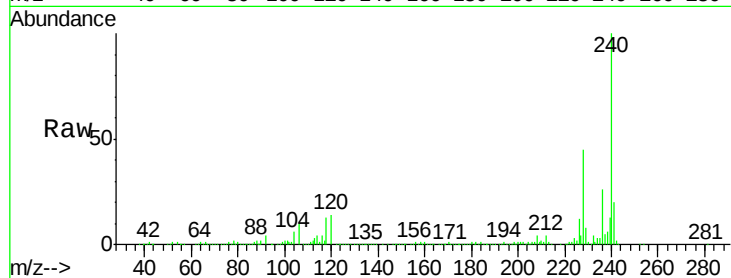
Tot Ion:240 Resp: 368702

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

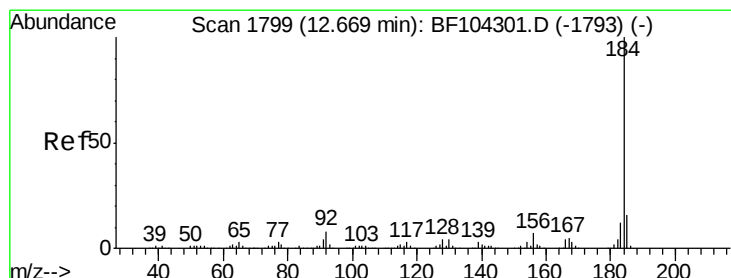
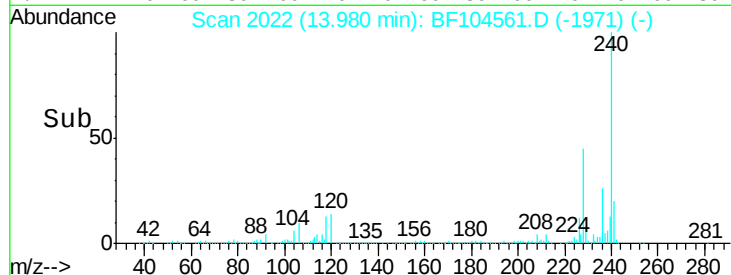
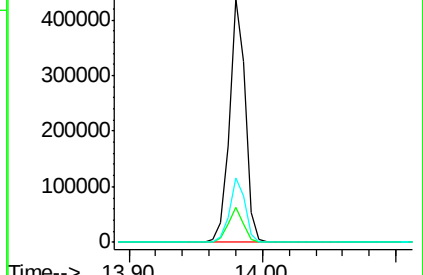
236 26.3 20.7 31.1



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



#76

Benzidine

Concen: 42.365 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

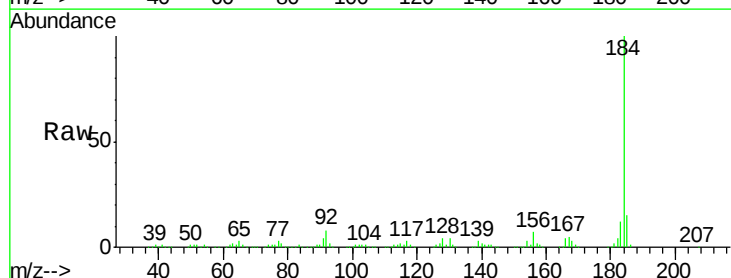
Tgt Ion:184 Resp: 520799

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

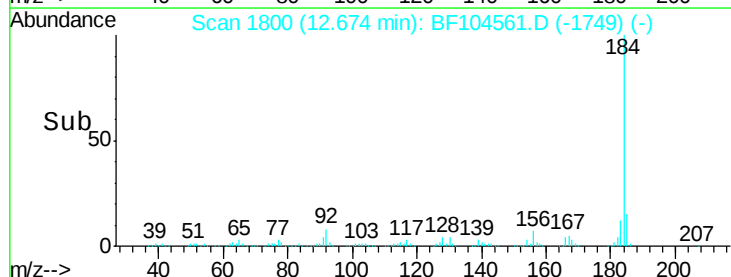
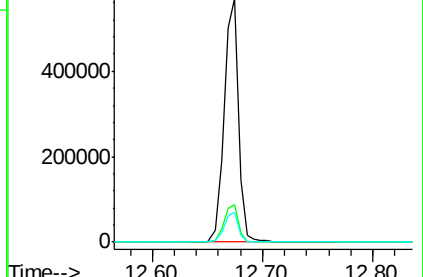
183 12.0 9.3 13.9

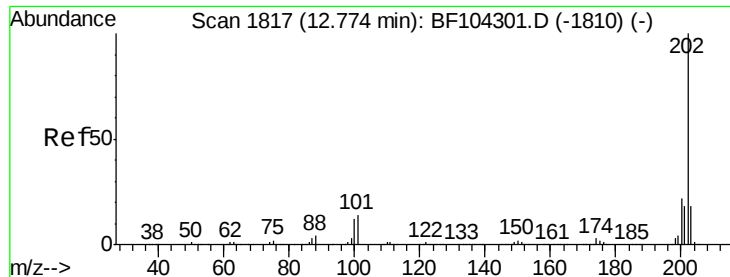


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

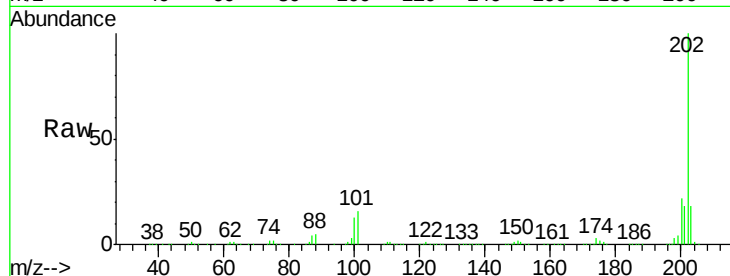




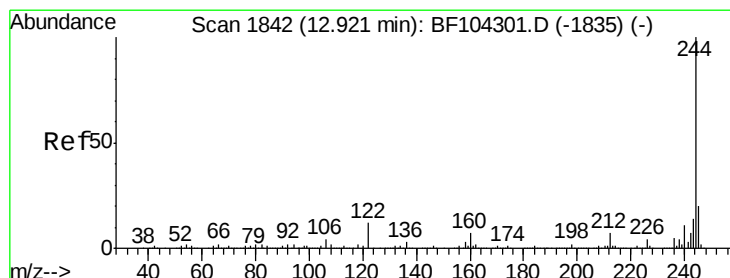
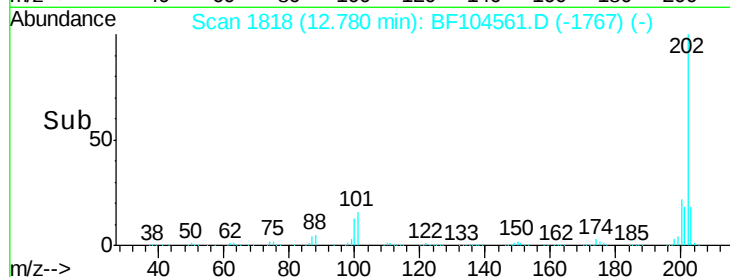
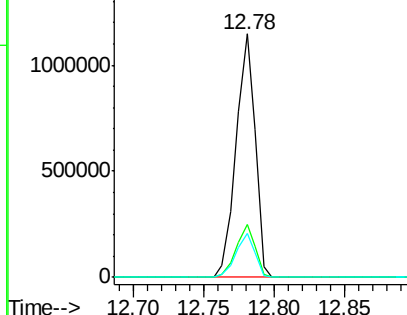
#77
Pvrene
Concen: 39.490 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1079232
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.3 21.5

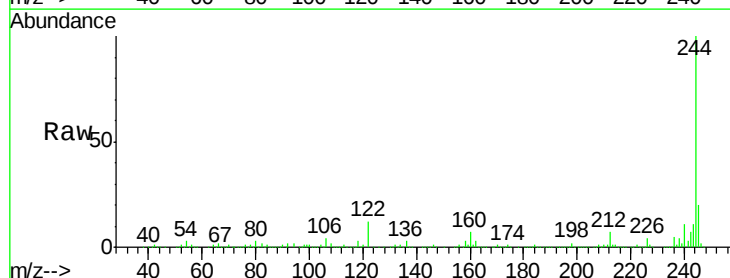


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

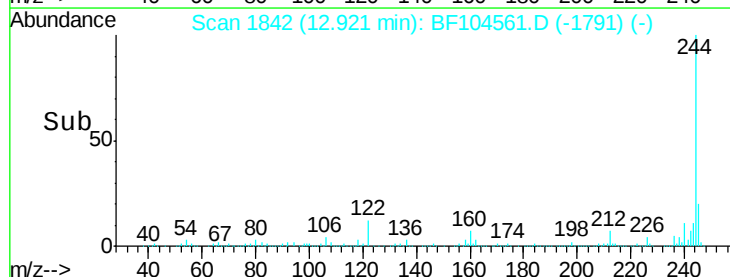
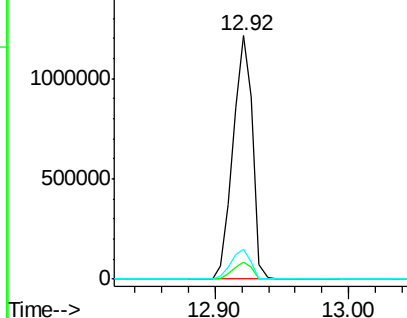


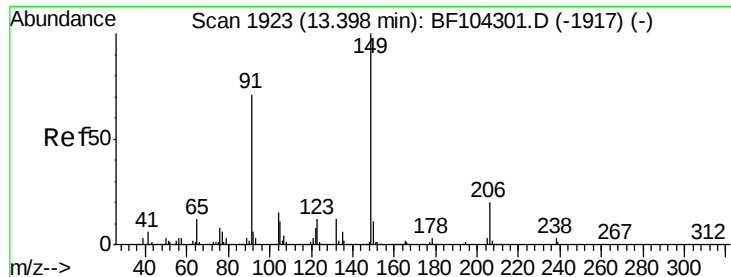
#78
Terphenyl-d14
Concen: 76.576 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:244 Resp: 1238407
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.3 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

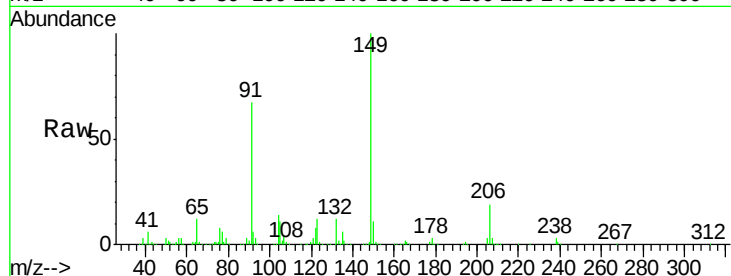




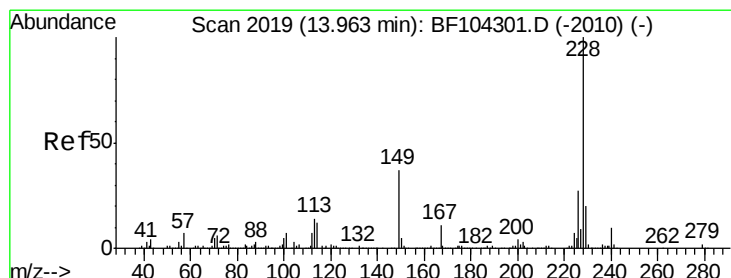
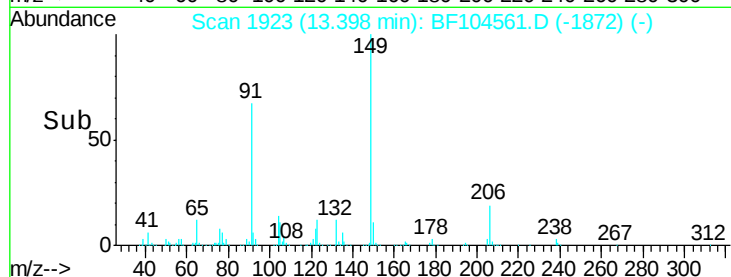
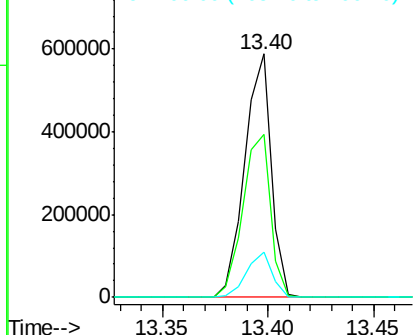
#79
Butylbenzylphthalate
Concen: 39.785 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	18.7	14.1	21.1

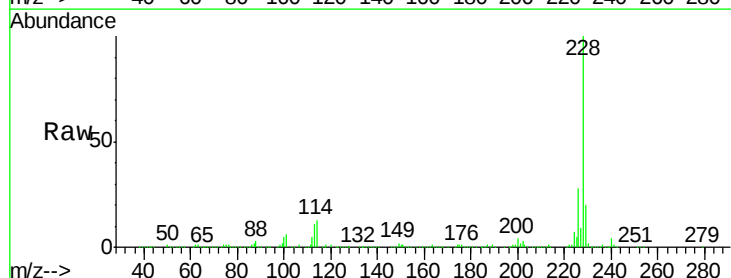


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

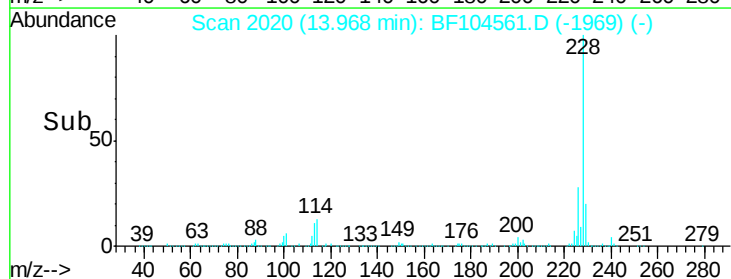
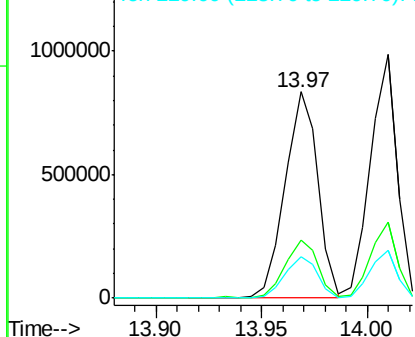


#80
Benzo(a)anthracene
Concen: 40.878 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	15.8	23.6



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

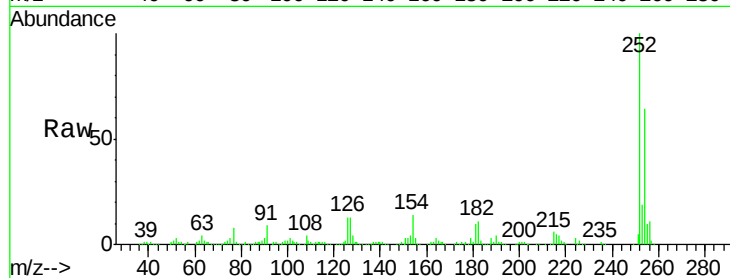




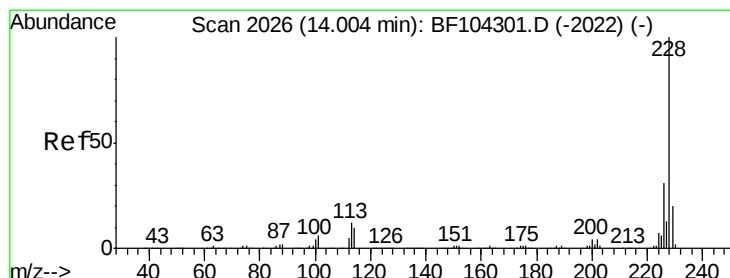
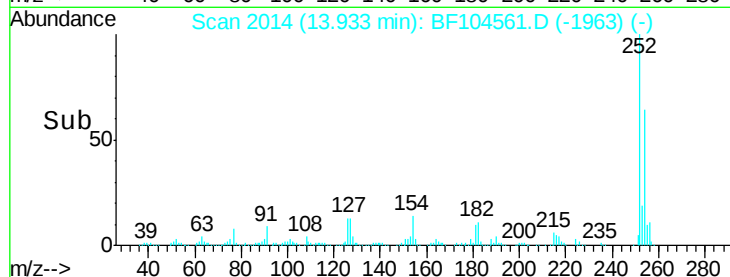
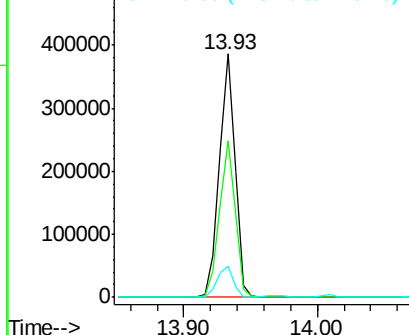
#81
 3,3'-Dichlorobenzidine
 Concen: 39.540 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 324731
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 13.0 11.3 16.9

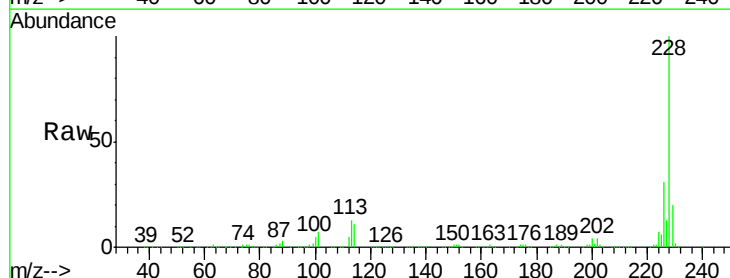


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

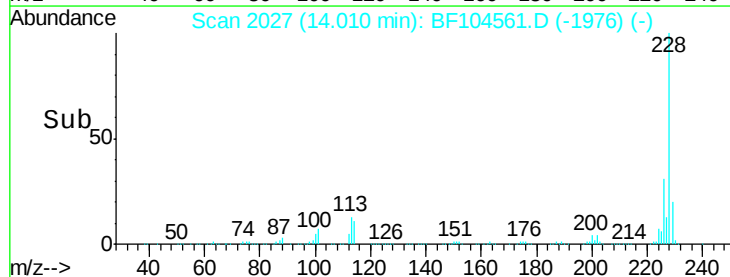
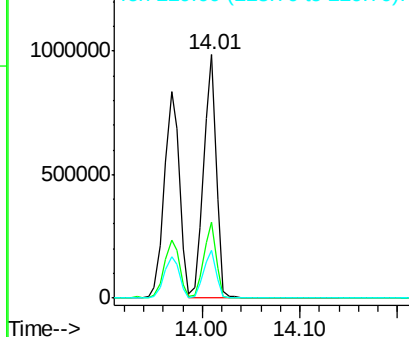


#82
 Chrysene
 Concen: 38.910 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Tgt Ion:228 Resp: 880321
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.121 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

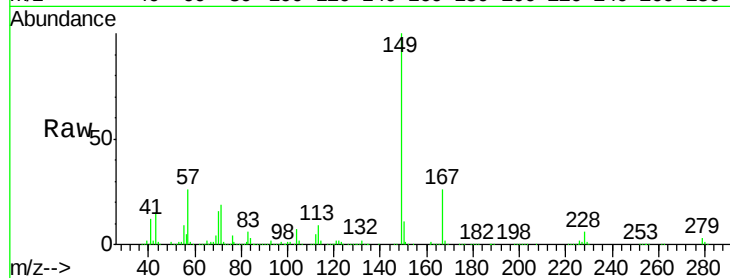
Tot Ion:149 Resp: 664431

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

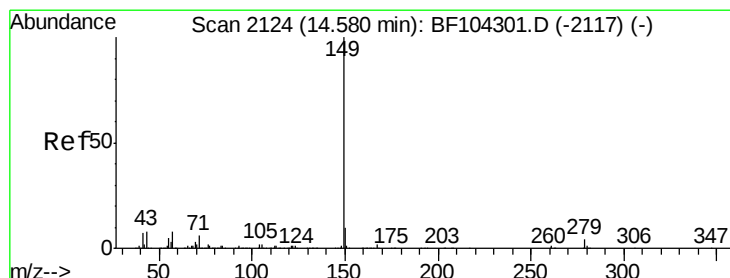
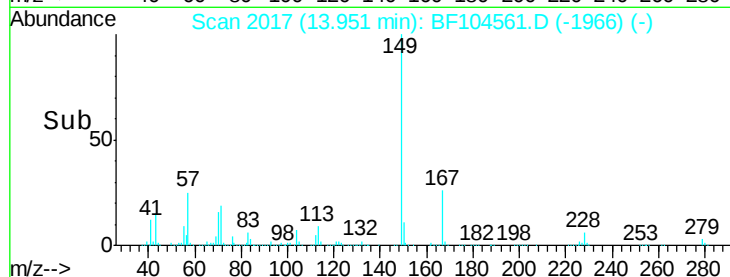
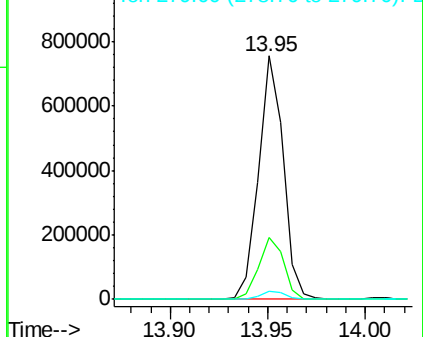
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.554 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

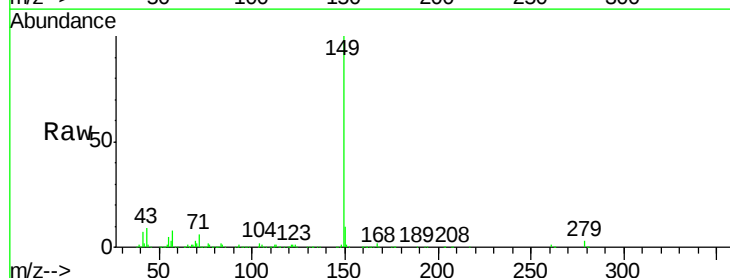
Tgt Ion:149 Resp: 1011520

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

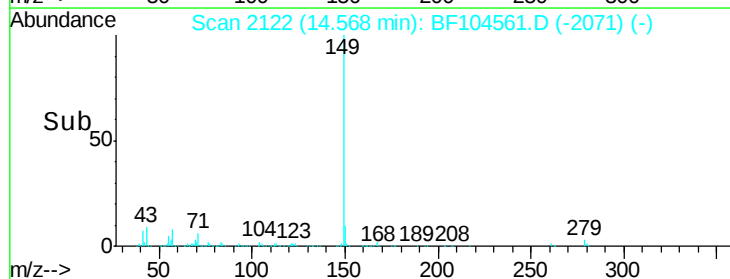
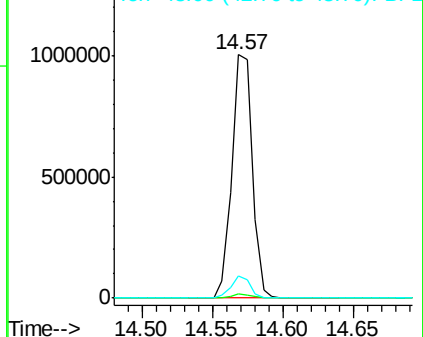
43 8.6 8.4 12.6

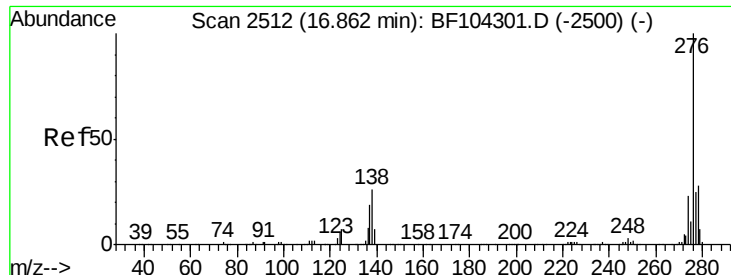


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

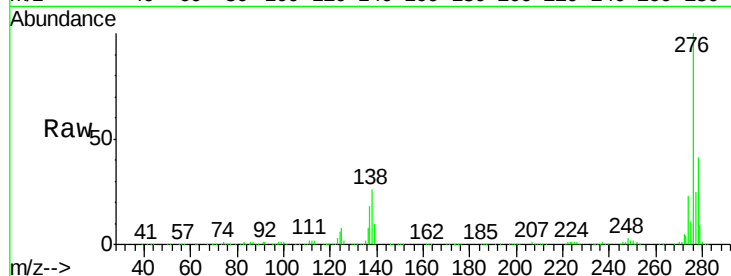




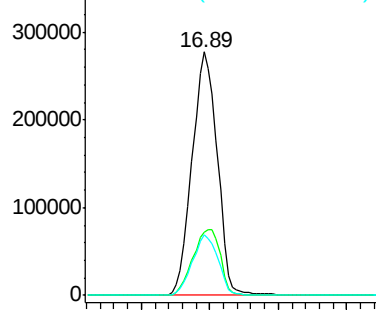
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.789 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

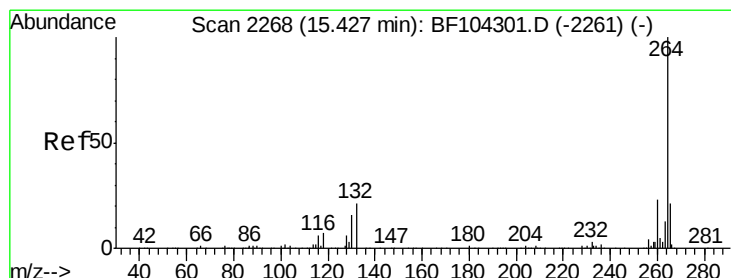
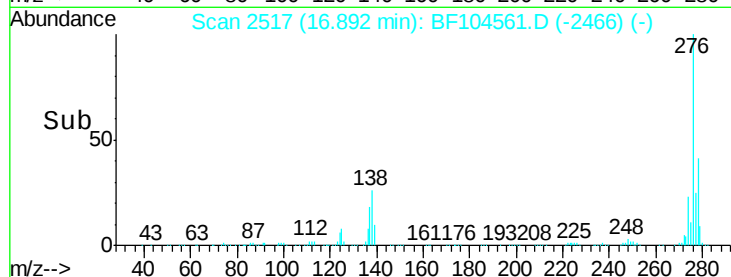
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.2	20.1	30.1



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

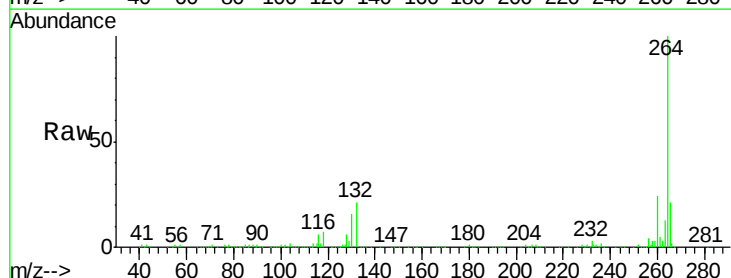


Time-->

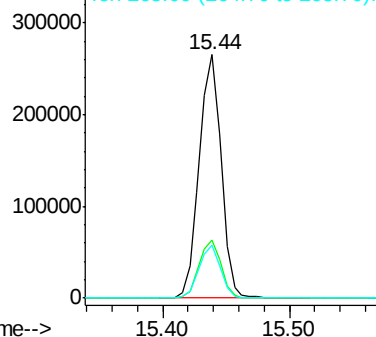


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF104561.D
 Acq: 17 Apr 2018 15:16

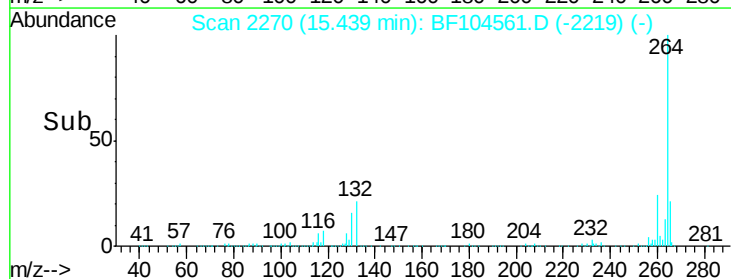
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3



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



Time-->

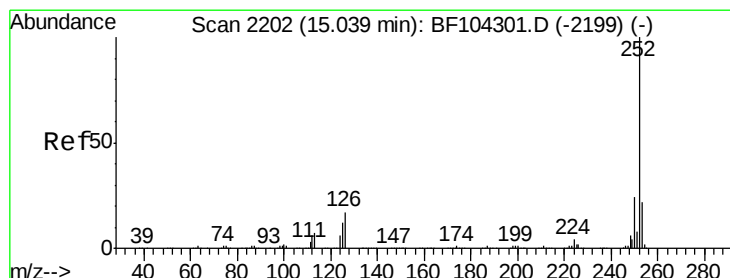
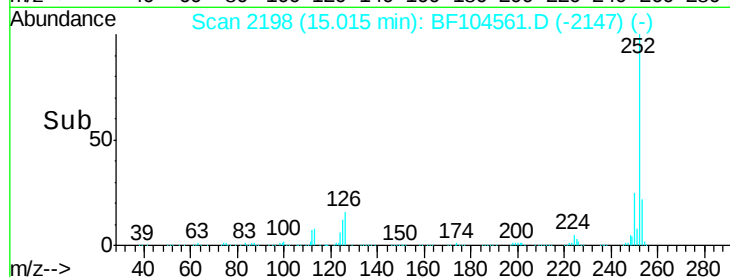
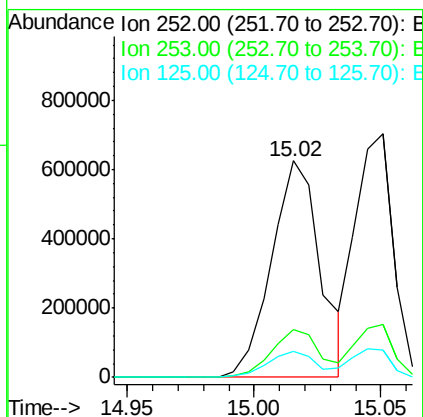
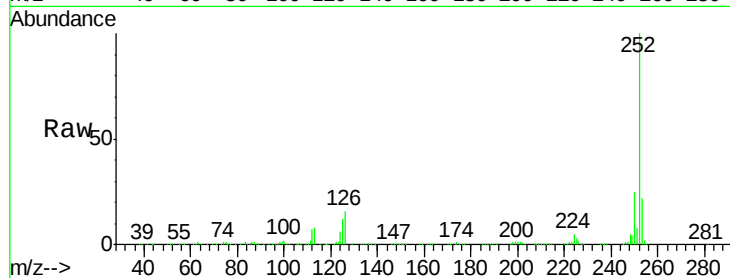




#87
Benzo(b)fluoranthene
Concen: 41.825 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

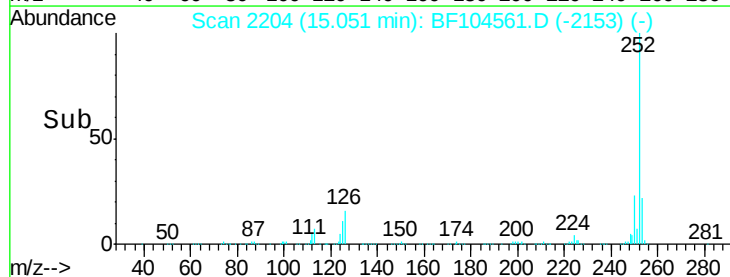
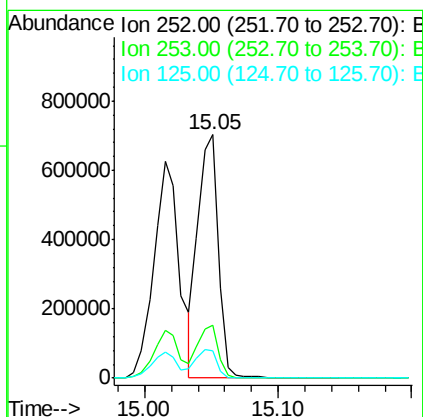
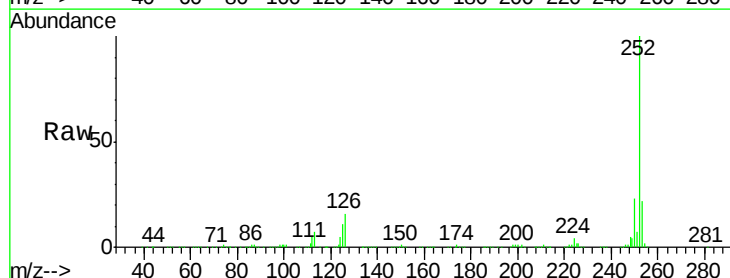
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 838526
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.927 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:252 Resp: 736803
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.1 10.2 15.2

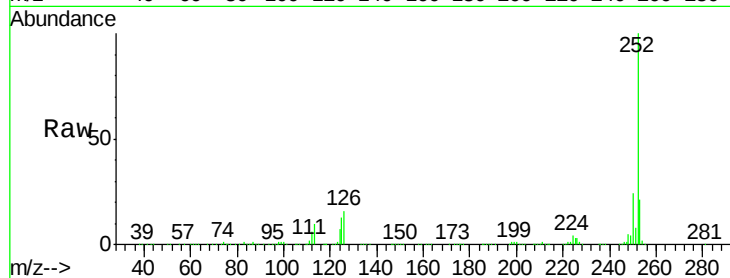




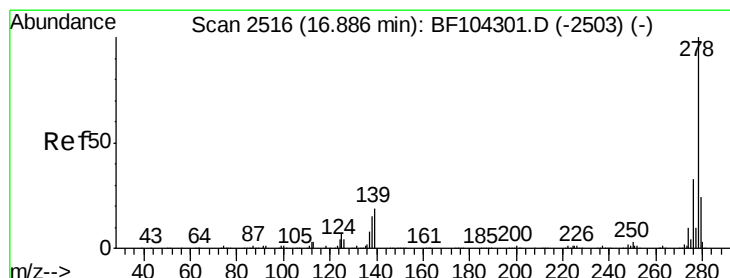
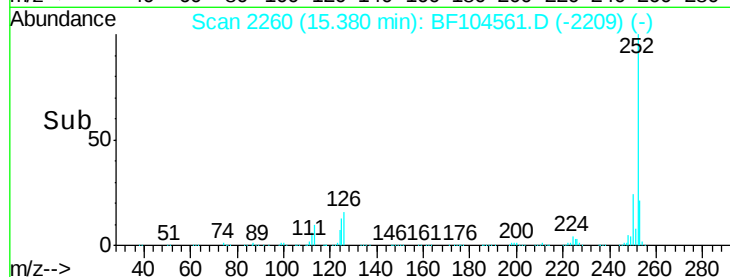
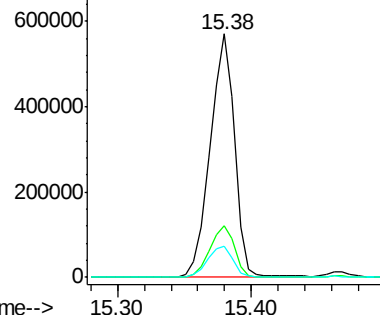
#89
Benzo(a)pyrene
Concen: 40.406 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 724830
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 12.8 9.8 14.6

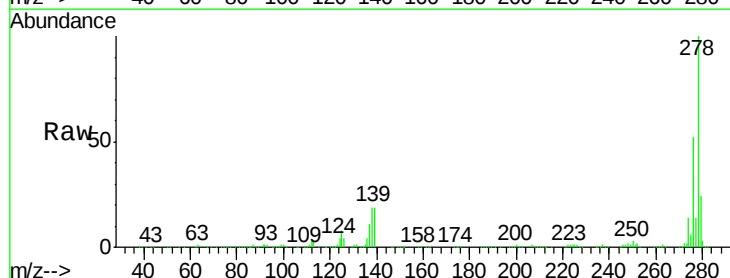


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

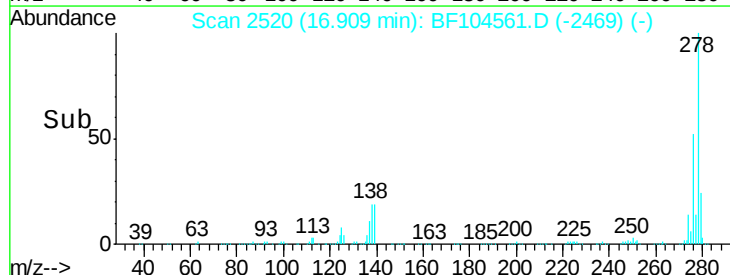
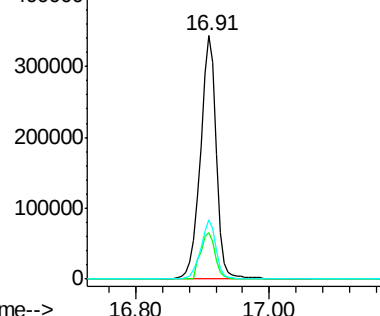


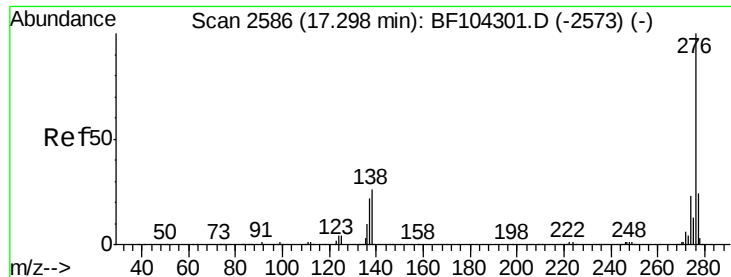
#90
Dibenzo(a,h)anthracene
Concen: 39.481 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF104561.D
Acq: 17 Apr 2018 15:16

Tgt Ion:278 Resp: 581671
Ion Ratio Lower Upper
278 100
139 19.3 15.9 23.9
279 24.2 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(a,h,i)perylene

Concen: 40.668 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.00 min

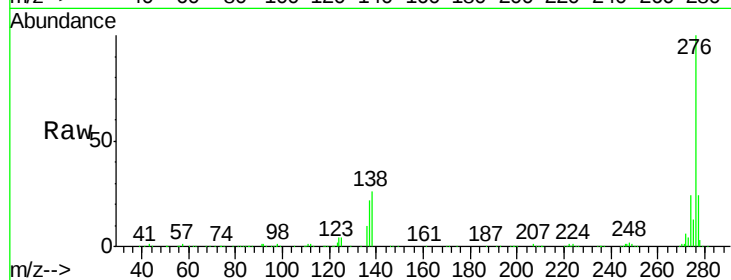
Lab File: BF104561.D

Acq: 17 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :



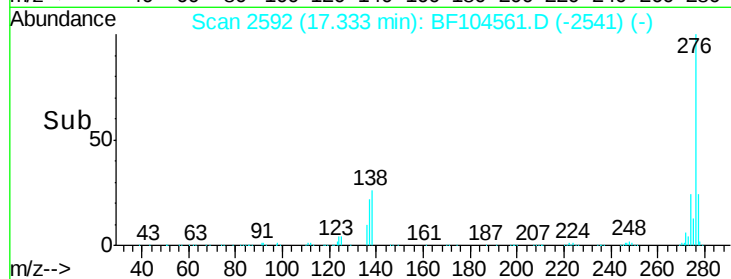
Tot Ion: 276 Resp: 580489

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 25.9 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

