

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104592.D
 Acq On : 18 Apr 2018 11:06
 Operator : JU/SJ
 Sample : J2387-13MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 11:54:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136884	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	564851	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	258826	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	477343	20.00	ng	0.00
75) Chrysene-d12	13.98	240	342609	20.00	ng	0.00
86) Perylene-d12	15.44	264	275231	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	472758	52.81	ng	0.00
7) Phenol-d6	6.44	99	363719	33.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	797788	92.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	331400	123.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1344946	82.09	ng	0.00
78) Terphenyl-d14	12.92	244	1407768	93.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	61054	14.637	ng	91
3) Pyridine	3.27	79	162160	13.827	ng	# 85
4) n-Nitrosodimethylamine	3.22	42	66737	16.279	ng	79
6) Aniline	6.47	93	356705	23.342	ng	96
8) 2-Chlorophenol	6.59	128	325773	34.478	ng	94
9) Benzaldehyde	6.36	77	243193	45.909	ng	94
10) Phenol	6.45	94	162696	13.941	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	383901	41.221	ng	96
12) 1,3-Dichlorobenzene	6.75	146	399408	37.313	ng	99
13) 1,4-Dichlorobenzene	6.82	146	399882	37.476	ng	99
14) 1,2-Dichlorobenzene	6.97	146	370497	37.468	ng	99
15) Benzyl Alcohol	6.95	79	210802	25.233	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	484139	38.708	ng	90
17) 2-Methylphenol	7.06	107	214440	26.109	ng	96
18) Hexachloroethane	7.32	117	143802	37.798	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	271899	37.829	ng	92
20) 3+4-Methylphenols	7.22	107	221121	21.707	ng	# 38
22) Acetophenone	7.22	105	532164	38.268	ng	100
24) Nitrobenzene	7.39	77	413222	43.267	ng	98
25) Isophorone	7.63	82	780857	42.688	ng	98
26) 2-Nitrophenol	7.70	139	216670	55.727	ng	97
27) 2,4-Dimethylphenol	7.75	122	312179	38.669	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	488243	43.655	ng	99
29) 2,4-Dichlorophenol	7.95	162	307927	39.976	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	321191	37.995	ng	99
31) Naphthalene	8.12	128	2021860	71.884	ng	99
32) Benzoic acid	7.86	122	87582	13.597	ng	96
33) 4-Chloroaniline	8.16	127	350965	29.126	ng	97
34) Hexachlorobutadiene	8.22	225	168413	36.372	ng	99
35) Caprolactam	8.57	113	16416	6.109	ng	# 78
36) 4-Chloro-3-methylphenol	8.64	107	308273	37.323	ng	99
37) 2-Methylnaphthalene	8.80	142	795115	43.703	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	313577	42.323	ng	99
40) Hexachlorocyclopentadiene	8.95	237	190100	45.831	ng	96

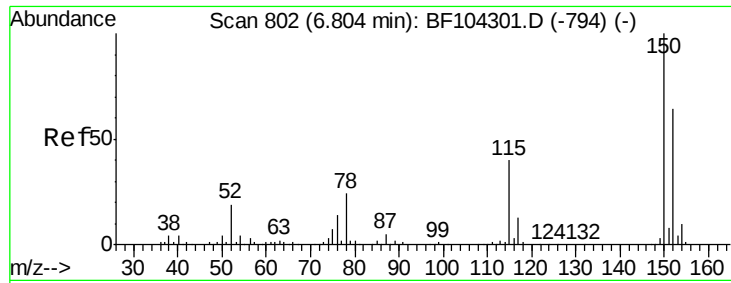
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	219529	42.683	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	237322	41.234	ng	97
45) 1,1'-Biphenyl	9.27	154	872032	40.106	ng	99
46) 2-Chloronaphthalene	9.29	162	693321	40.370	ng	99
47) 2-Nitroaniline	9.39	65	221469	52.145	ng	97
48) Acenaphthylene	9.71	152	1050866	38.999	ng	100
49) Dimethylphthalate	9.57	163	833541	40.839	ng	100
50) 2,6-Dinitrotoluene	9.63	165	190932	50.555	ng	100
51) Acenaphthene	9.88	154	633849	38.554	ng	99
52) 3-Nitroaniline	9.80	138	138363	31.294	ng	99
53) 2,4-Dinitrophenol	9.92	184	181491	102.485	ng #	19
54) Dibenzofuran	10.06	168	949753	41.453	ng	100
55) 4-Nitrophenol	9.97	139	109895	31.641	ng	95
56) 2,4-Dinitrotoluene	10.04	165	252165	50.902	ng #	98
57) Fluorene	10.40	166	730158	43.783	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	191125	44.511	ng	95
59) Diethylphthalate	10.27	149	827646	40.716	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	325557	43.834	ng	100
61) 4-Nitroaniline	10.42	138	203038	46.965	ng	96
62) Azobenzene	10.55	77	779190	40.122	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	119869	51.017	ng	80
65) n-Nitrosodiphenylamine	10.51	169	667467	40.329	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	211752	41.705	ng #	87
67) Hexachlorobenzene	10.94	284	234541	41.053	ng #	87
68) Atrazine	11.04	200	201757	40.386	ng	98
69) Pentachlorophenol	11.14	266	246481	69.737	ng	97
70) Phenanthrene	11.36	178	1122701	42.234	ng	99
71) Anthracene	11.42	178	1106771	40.958	ng	100
72) Carbazole	11.57	167	1044611	39.561	ng	99
73) Di-n-butylphthalate	11.90	149	1295711	40.171	ng	99
74) Fluoranthene	12.56	202	1127374	40.591	ng	97
76) Benzidine	12.67	184	239532	16.507	ng	97
77) Pyrene	12.78	202	1146560	45.148	ng	100
79) Butylbenzylphthalate	13.40	149	547708	45.779	ng	96
80) Benzo(a)anthracene	13.97	228	910348	44.477	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	214049	28.048	ng	98
82) Chrysene	14.01	228	840688	39.988	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	741610	48.191	ng	98
84) Di-n-octyl phthalate	14.57	149	1165004	45.307	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	817103	45.752	ng	98
87) Benzo(b)fluoranthene	15.02	252	731620	42.088	ng	98
88) Benzo(k)fluoranthene	15.05	252	704526	42.930	ng	100
89) Benzo(a)pyrene	15.39	252	680073	43.725	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	665412	52.090	ng	99
91) Benzo(g,h,i)perylene	17.34	276	707341	57.154	ng	97

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

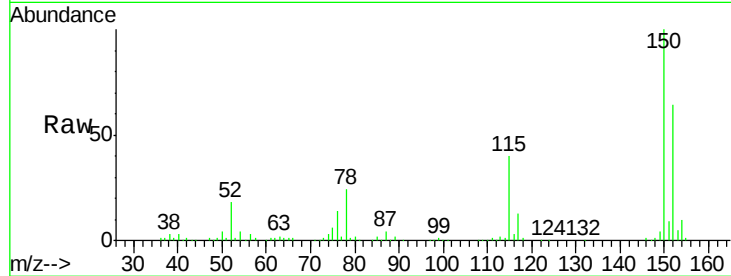


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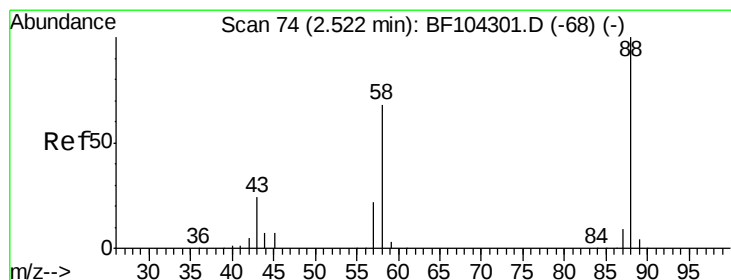
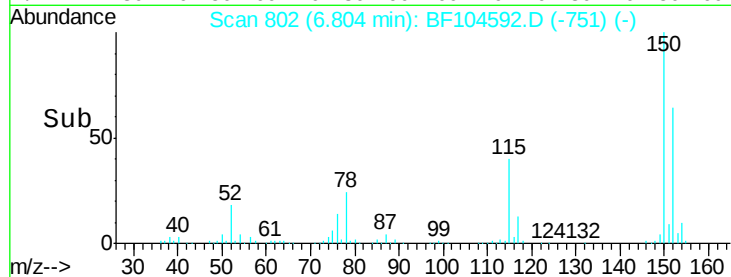
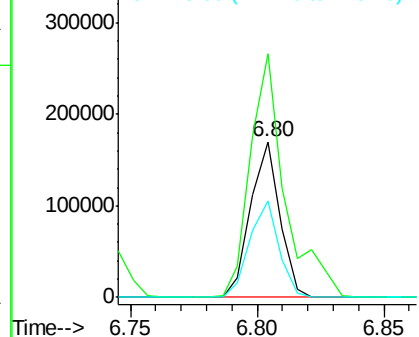
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136884
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.0 50.1 75.1



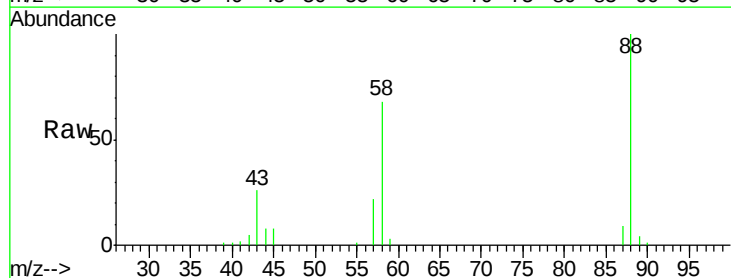
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



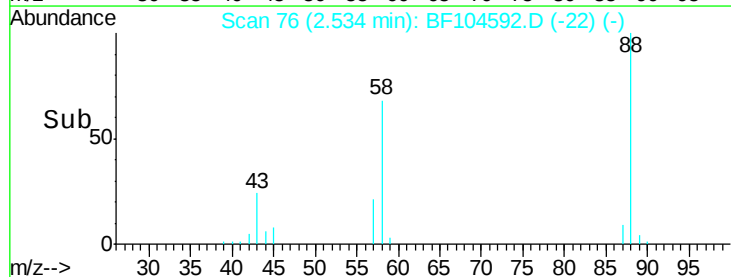
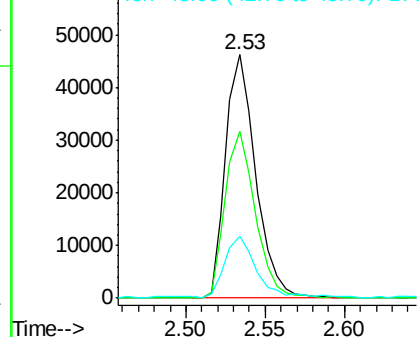
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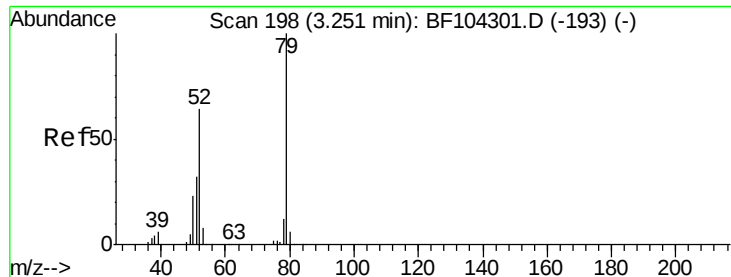
1,4-Dioxane
Concen: 14.637 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.02 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion: 88 Resp: 61054
Ion Ratio Lower Upper
88 100
58 69.0 62.6 93.8
43 27.3 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: 13.827 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

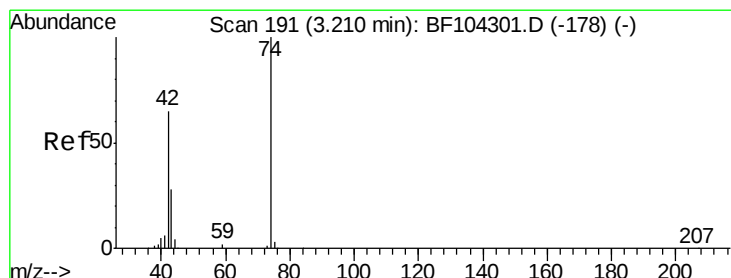
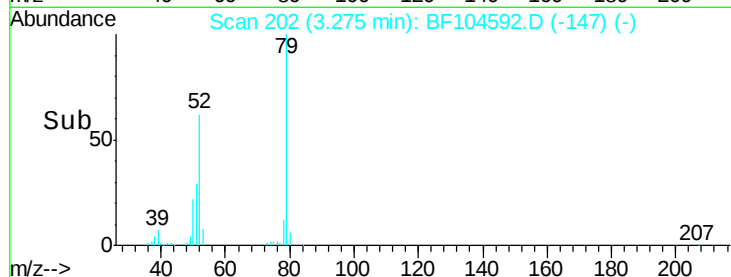
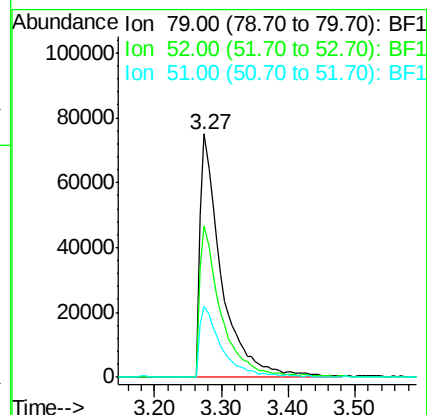
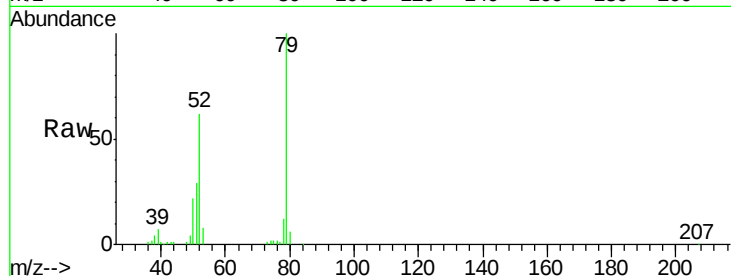
Tot Ion: 79 Resp: 162160

Ion Ratio Lower Upper

79 100

52 62.1 59.8 89.6

51 28.9 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 16.279 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

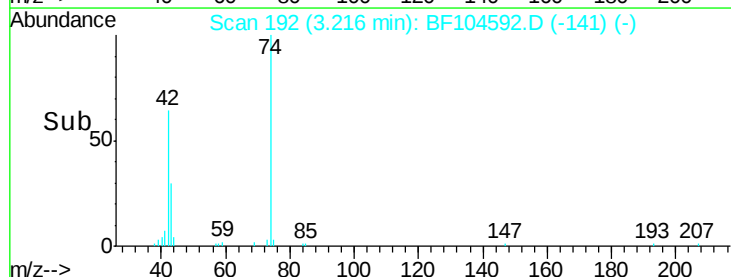
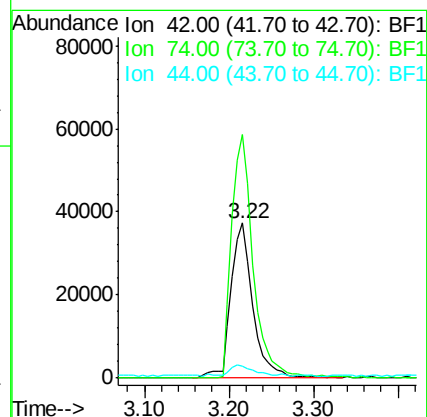
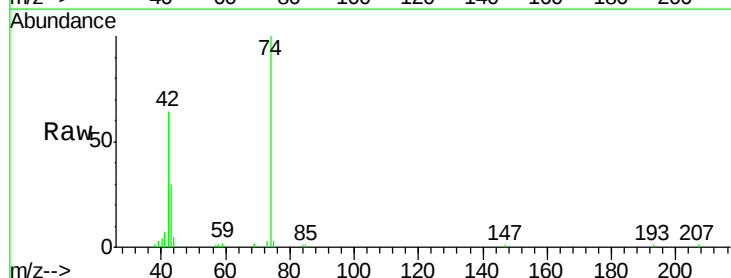
Tgt Ion: 42 Resp: 66737

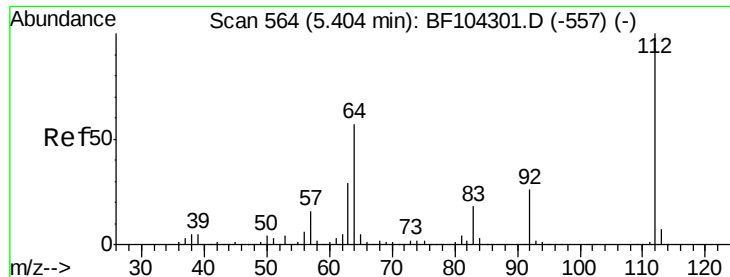
Ion Ratio Lower Upper

42 100

74 156.9 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 52.809 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

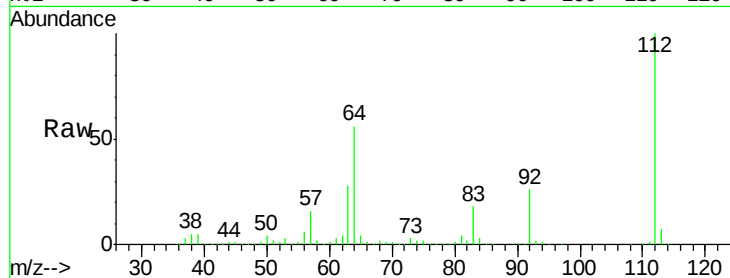
Tot Ion:112 Resp: 472758

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

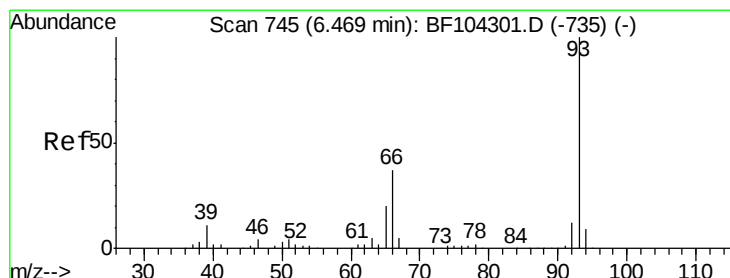
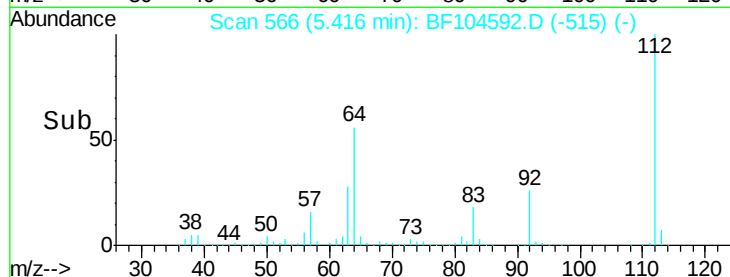
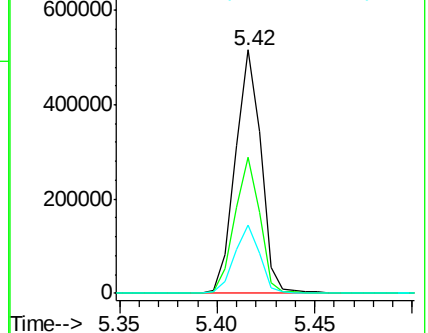
63 27.9 23.7 35.5



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: 23.342 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

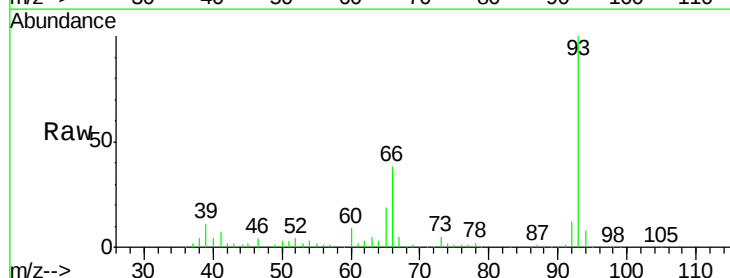
Tgt Ion: 93 Resp: 356705

Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.2

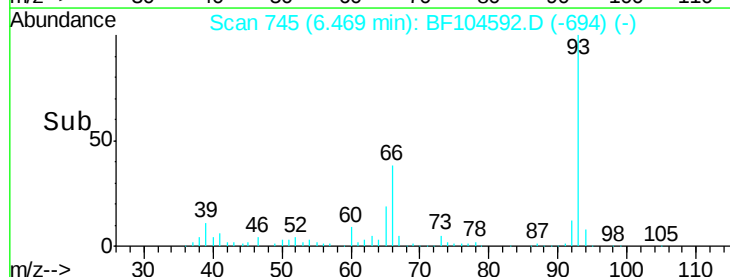
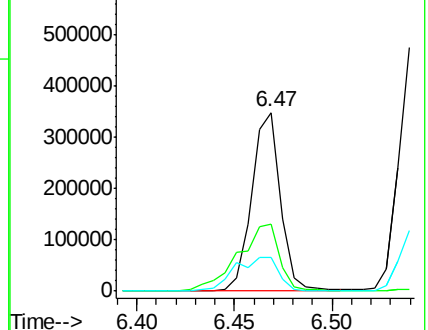
65 18.6 16.4 24.6



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: 33.067 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampled :

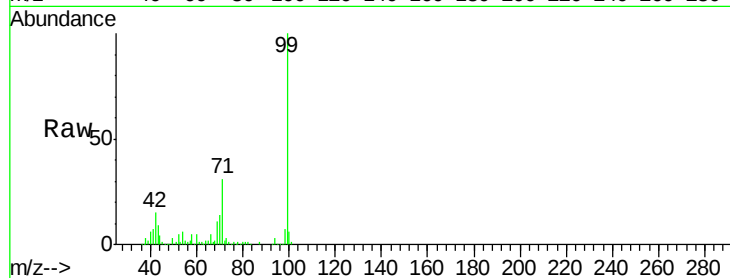
Tot Ion: 99 Resp: 363719

Ion Ratio Lower Upper

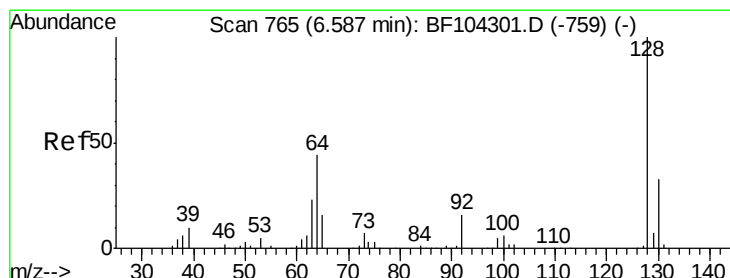
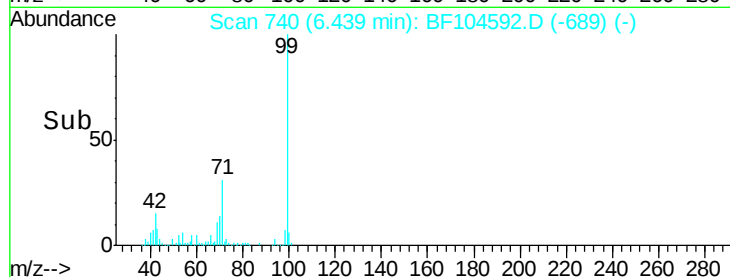
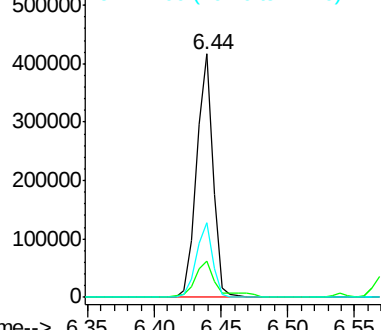
99 100

42 15.1 14.5 21.7

71 30.9 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: 34.478 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

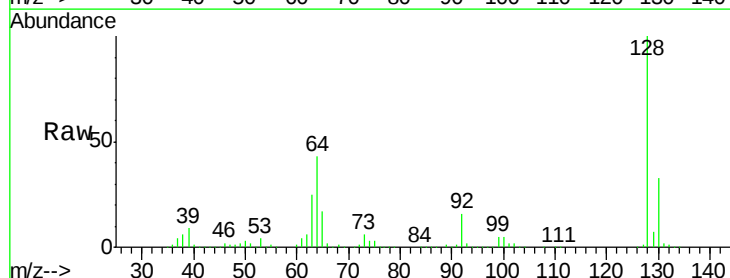
Tgt Ion: 128 Resp: 325773

Ion Ratio Lower Upper

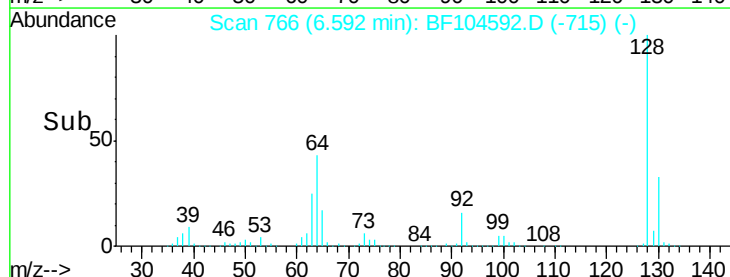
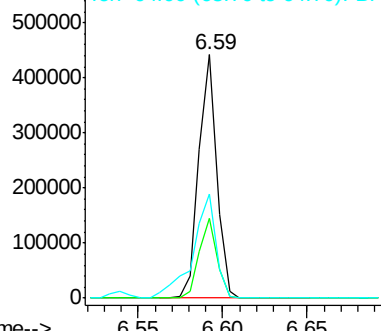
128 100

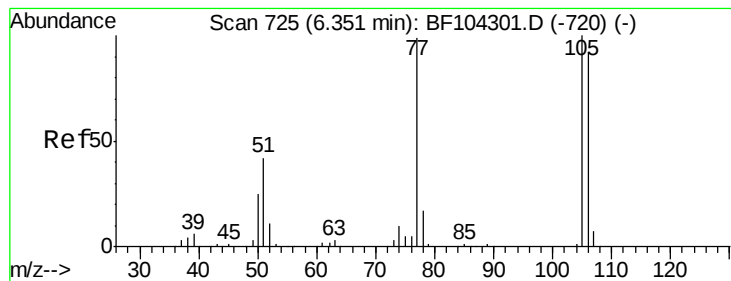
130 32.6 13.0 53.0

64 42.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.909 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

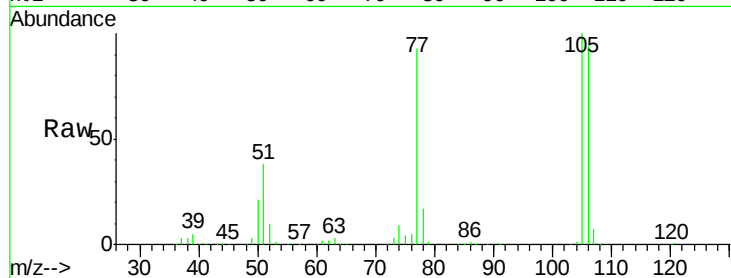
Tot Ion: 77 Resp: 243193

Ion Ratio Lower Upper

77 100

105 107.2 81.1 121.1

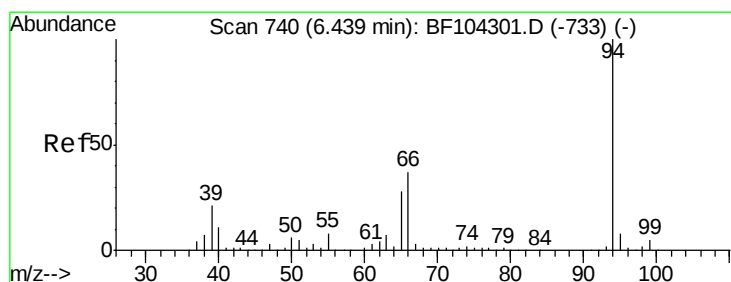
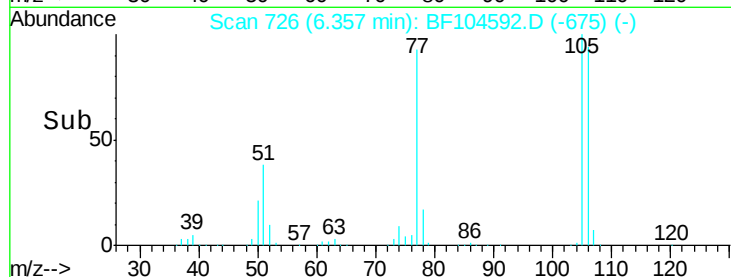
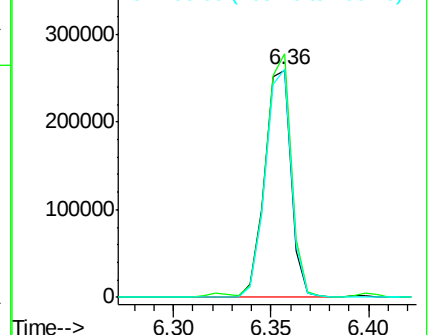
106 100.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 13.941 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

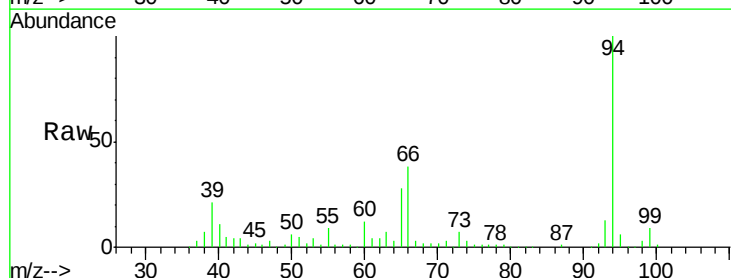
Tgt Ion: 94 Resp: 162696

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

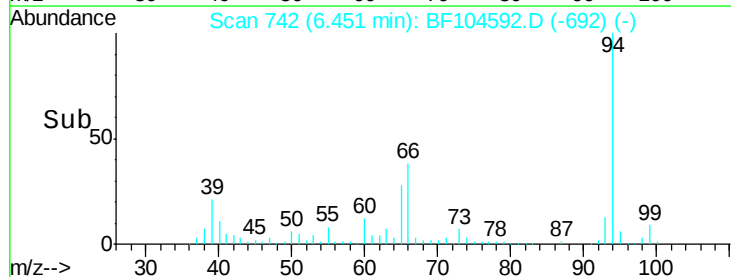
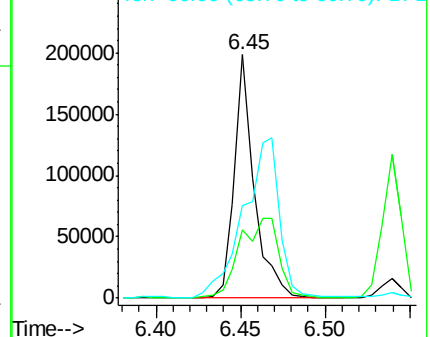
66 38.1 16.2 56.2



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

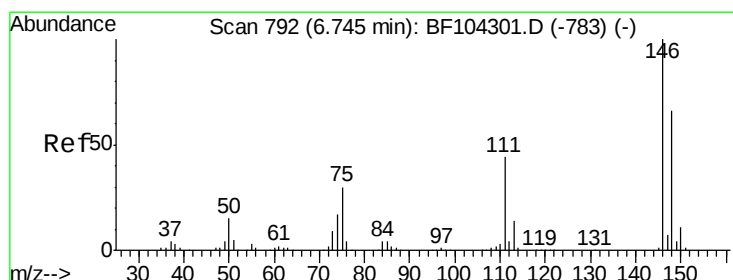
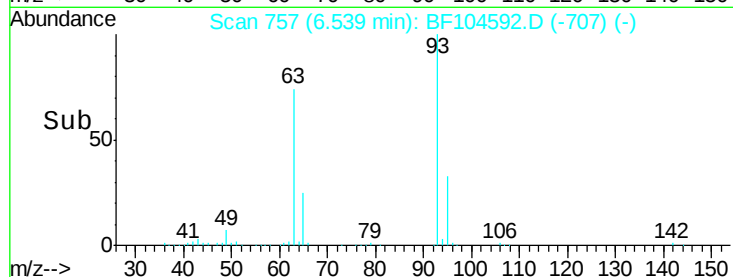
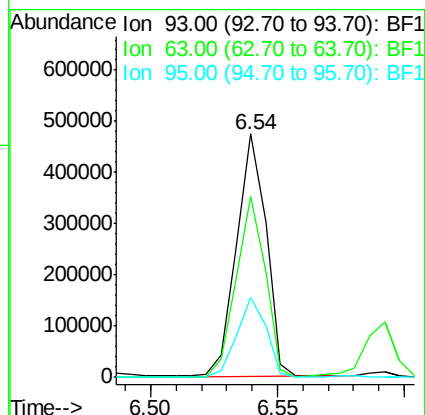
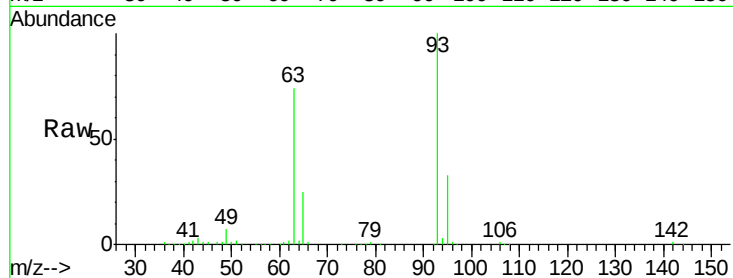




#11
bis(2-Chloroethyl)ether
Concen: 41.221 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

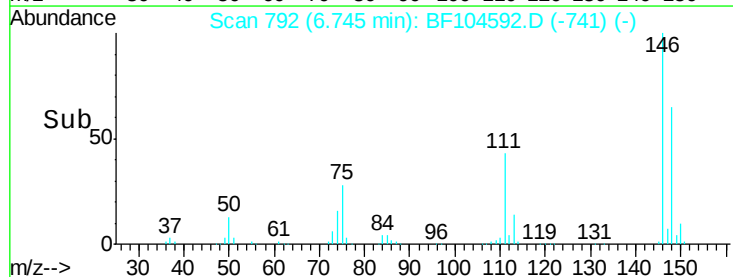
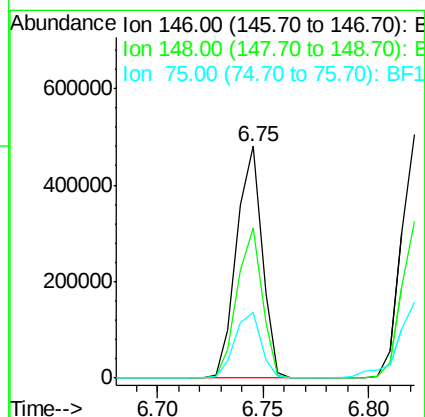
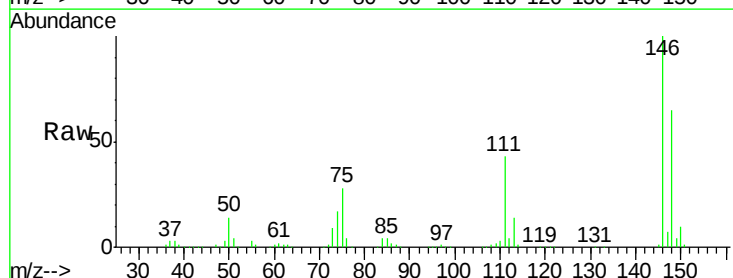
Instrument :
BNA_F
ClientSampleId :

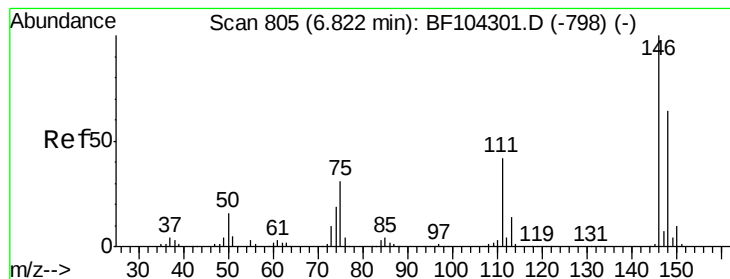
Tot Ion: 93 Resp: 383901
Ion Ratio Lower Upper
93 100
63 74.1 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.313 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion: 146 Resp: 399408
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.476 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

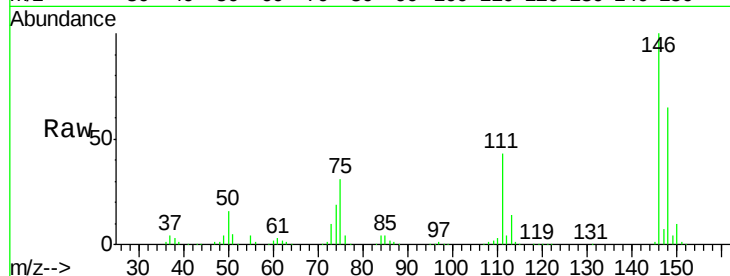
Tot Ion:146 Resp: 399882

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

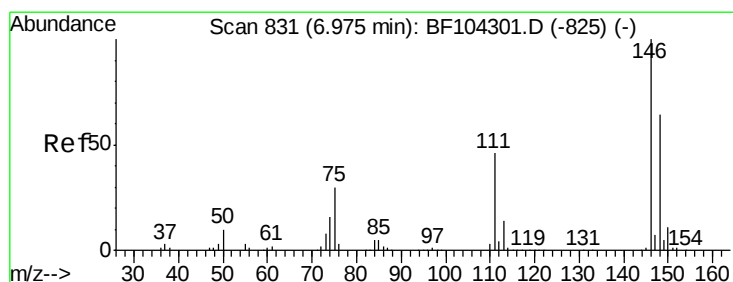
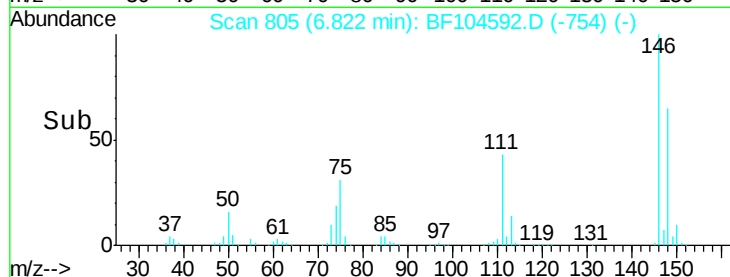
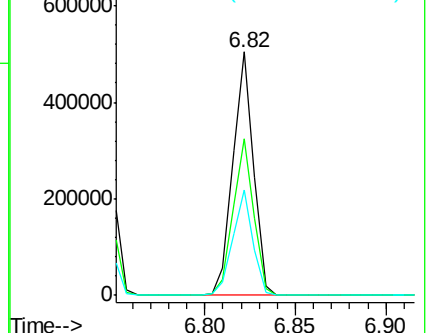
111 43.5 34.2 51.2



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: 37.468 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

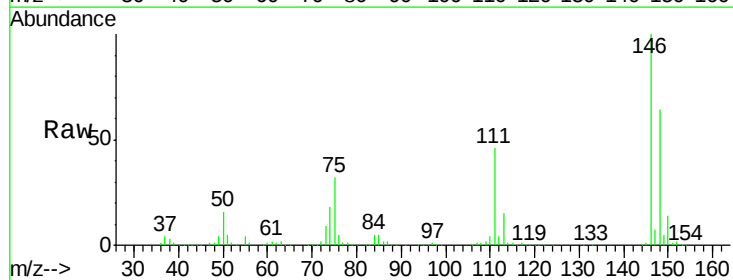
Tgt Ion:146 Resp: 370497

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

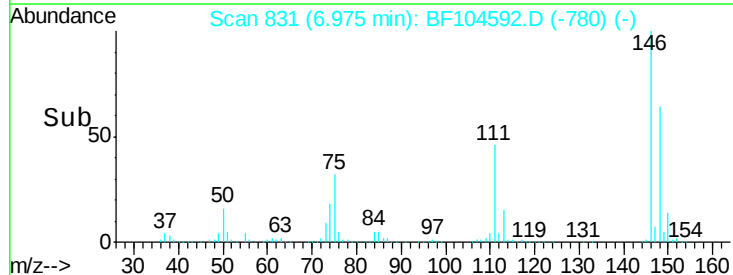
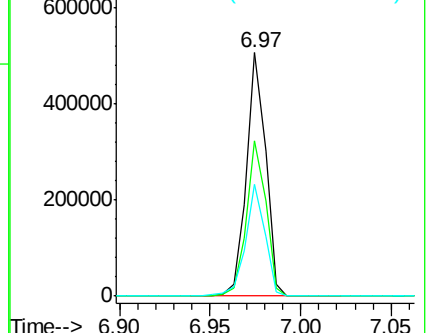
111 46.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.233 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

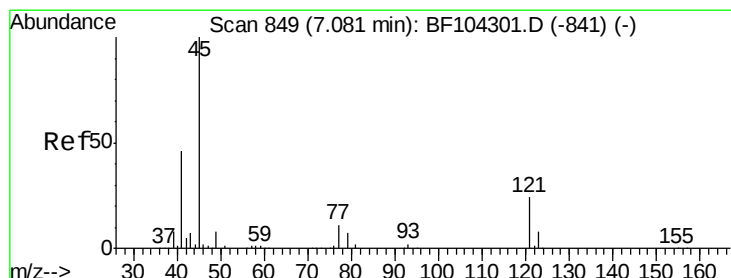
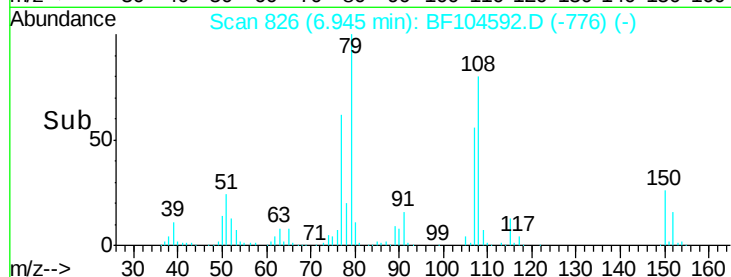
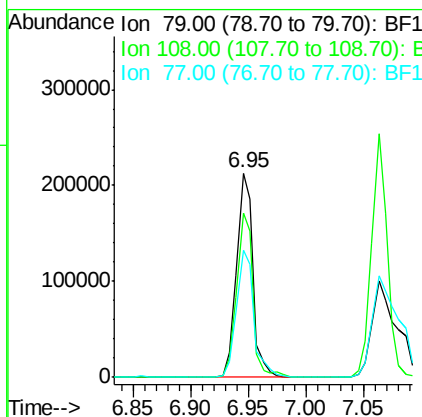
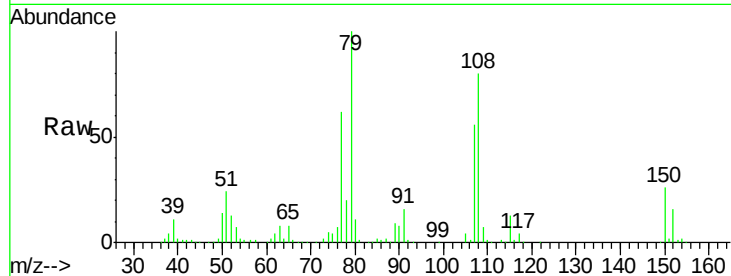
Tot Ion: 79 Resp: 210802

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.708 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

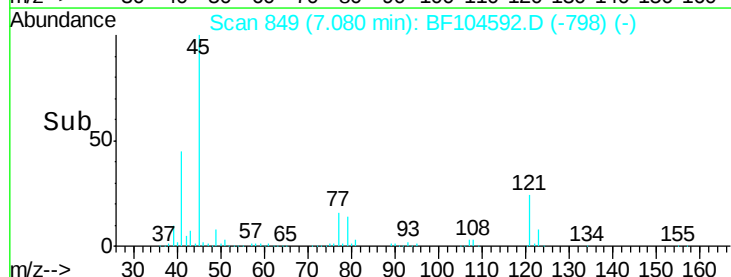
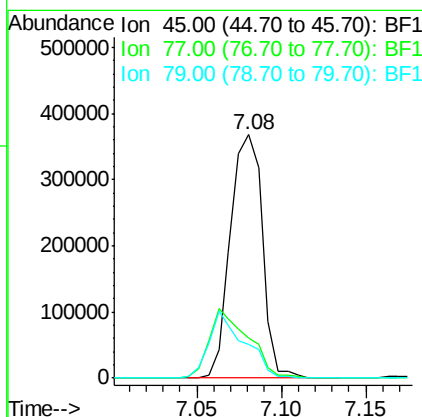
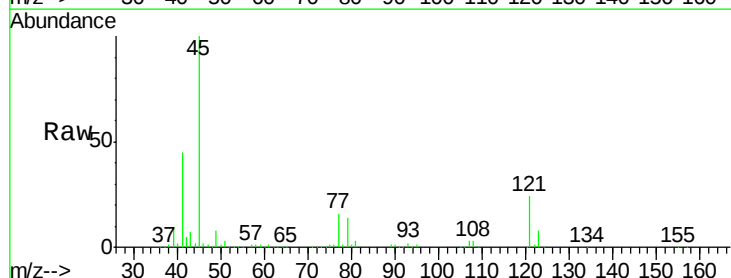
Tgt Ion: 45 Resp: 484139

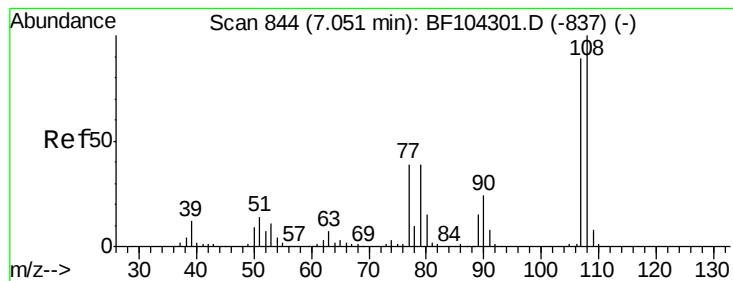
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 13.7 0.0 29.6

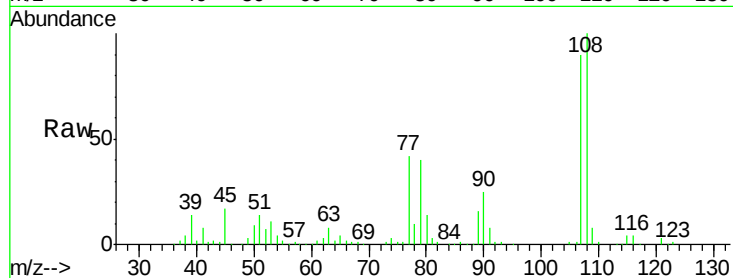




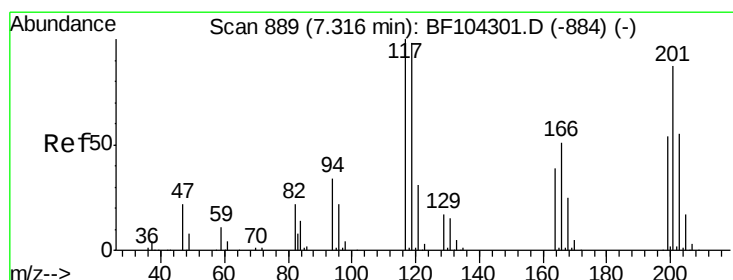
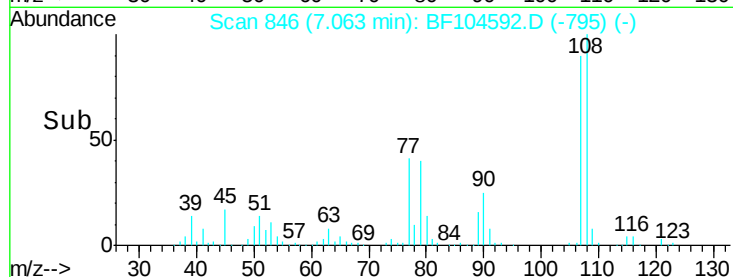
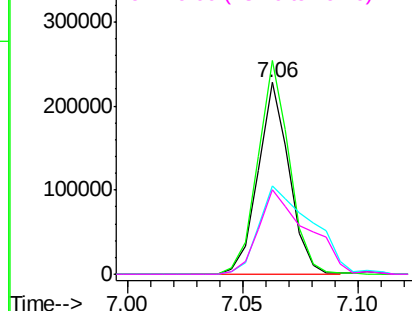
#17
2-Methylphenol
Concen: 26.109 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 214440
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 46.3 33.8 50.8
79 44.1 33.8 50.8

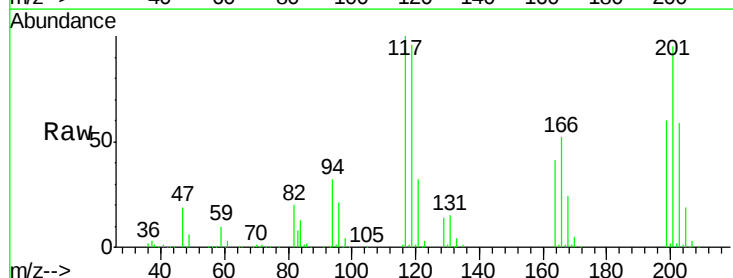


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

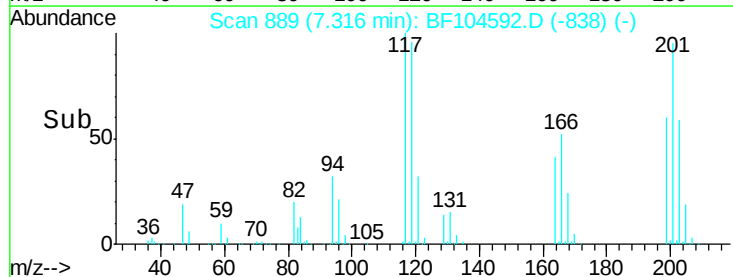
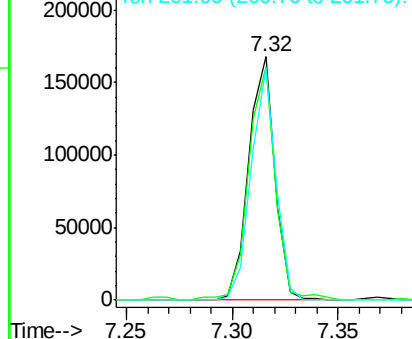


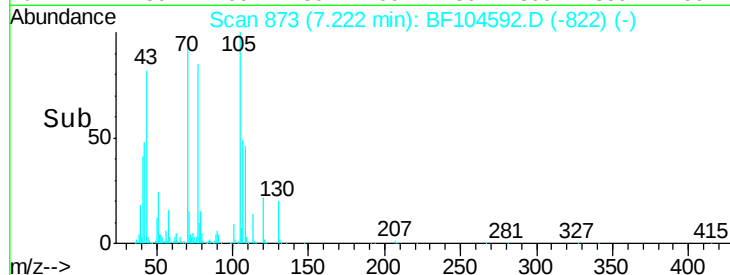
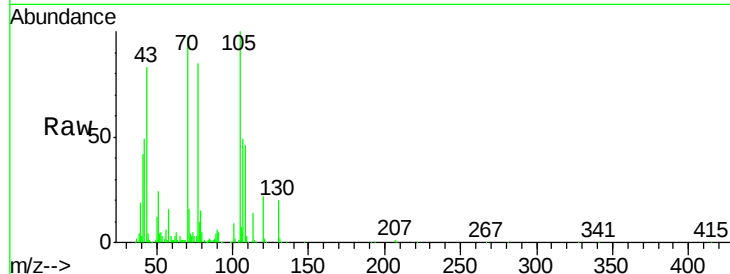
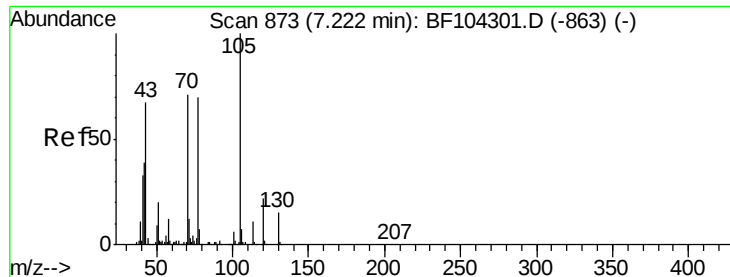
#18
Hexachloroethane
Concen: 37.798 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:117 Resp: 143802
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 95.3 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

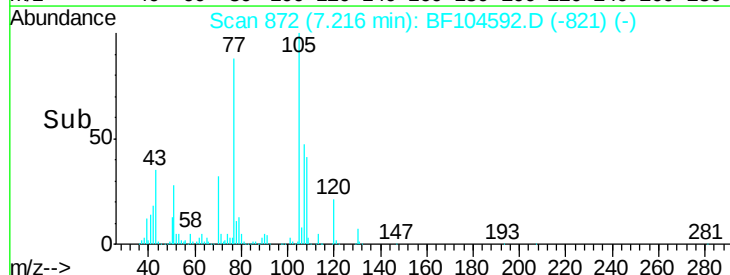
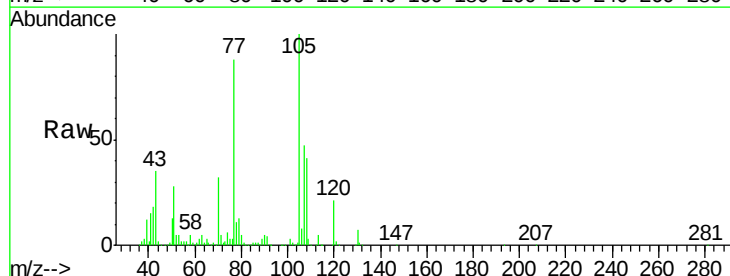
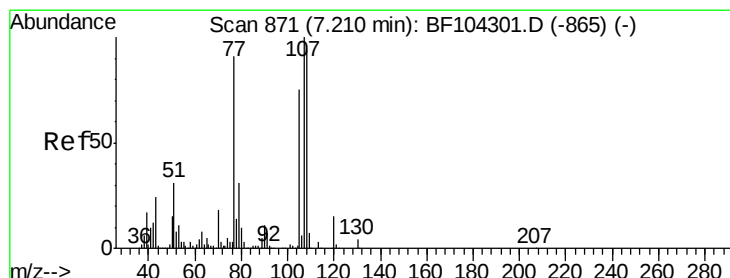
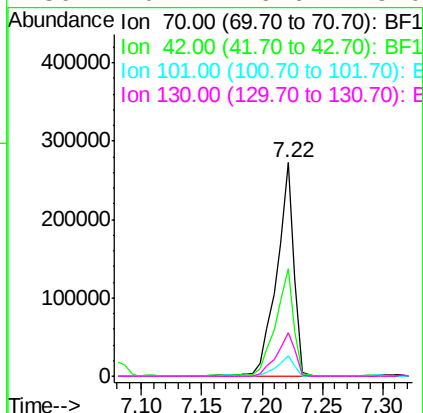




#19
n-Nitroso-di-n-propylamine
Concen: 37.829 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

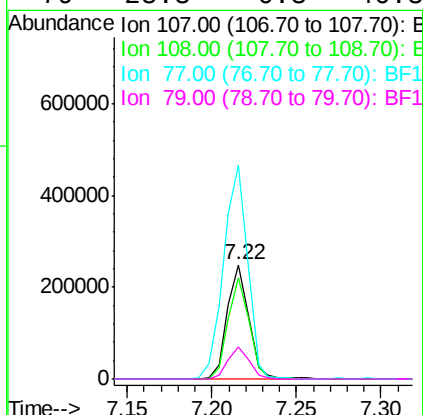
Instrument :
BNA_F
ClientSampleId :

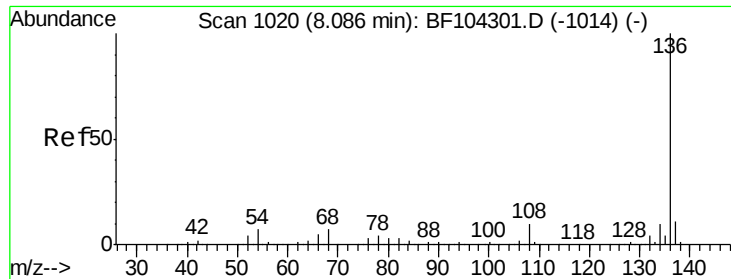
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	9.5	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 21.707 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	187.2	26.7	66.7#
79	28.3	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: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 564851

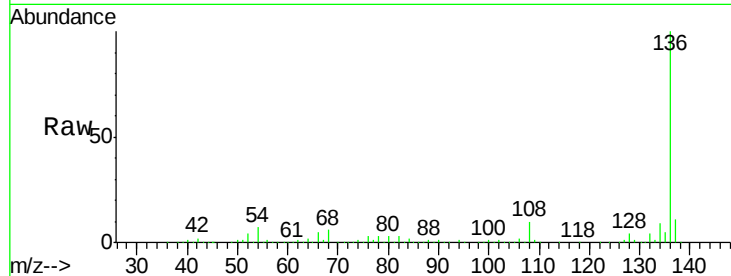
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

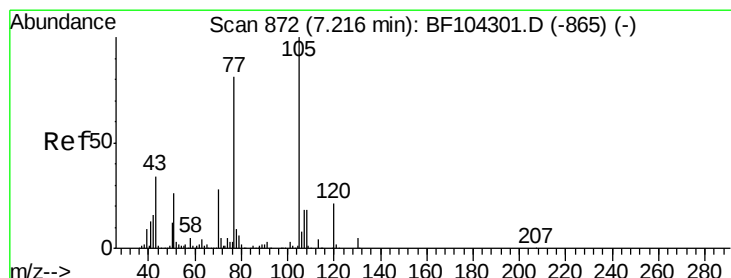
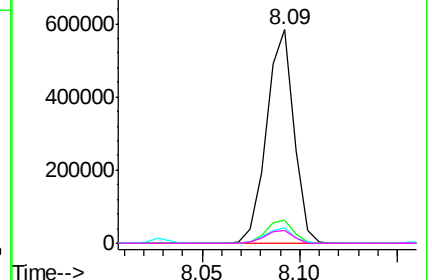
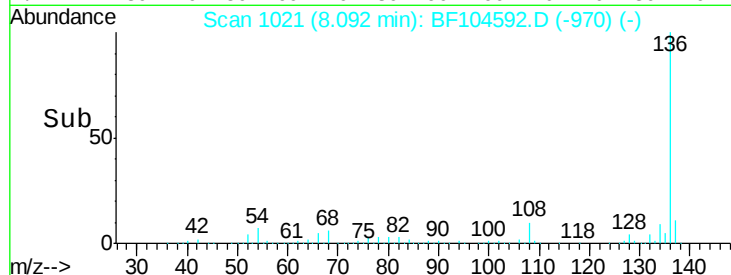


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.268 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Tgt Ion:105 Resp: 532164

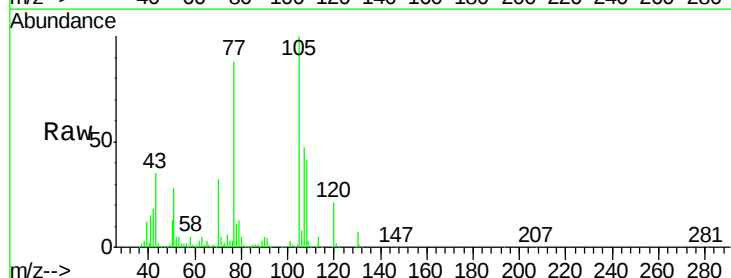
Ion Ratio Lower Upper

105 100

71 5.4 4.4 6.6

51 28.0 22.3 33.5

120 21.3 16.9 25.3

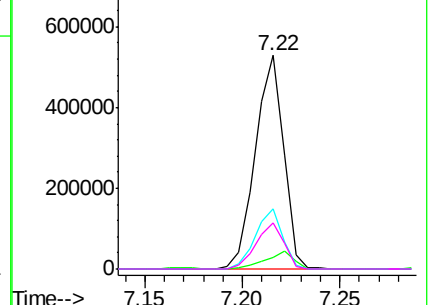
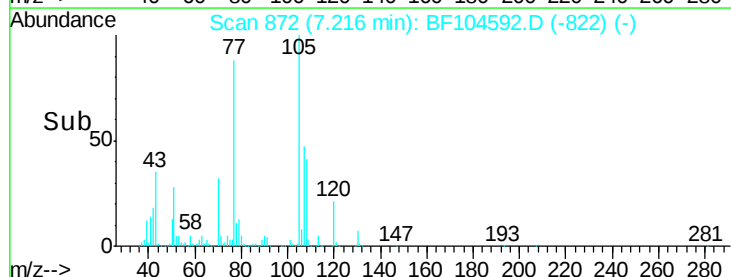


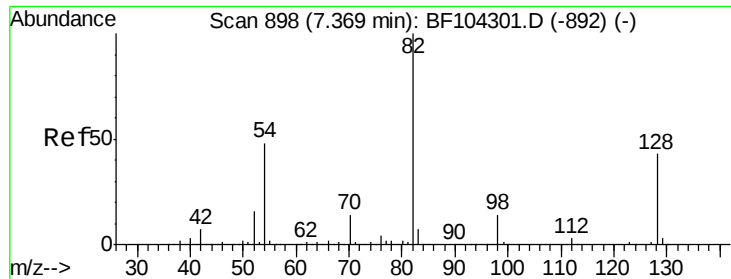
Abundance Ion 105.00 (104.70 to 105.70): E

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

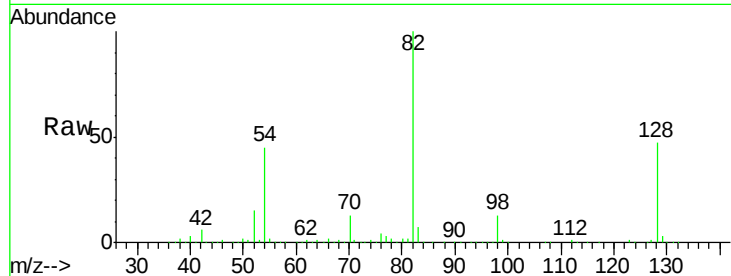




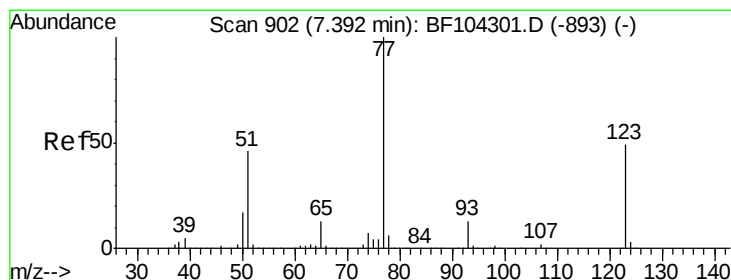
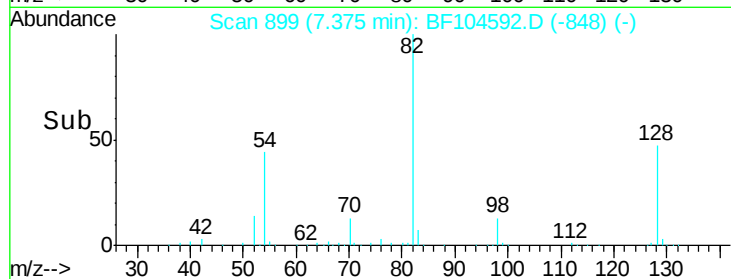
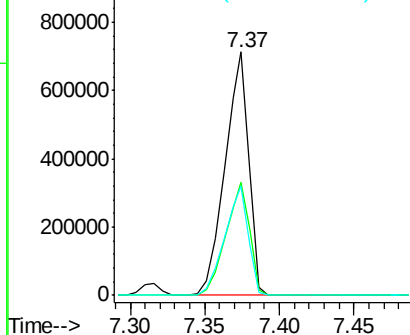
#23
 Nitrobenzene-d5
 Concen: 92.226 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 797788
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 44.6 41.4 62.2

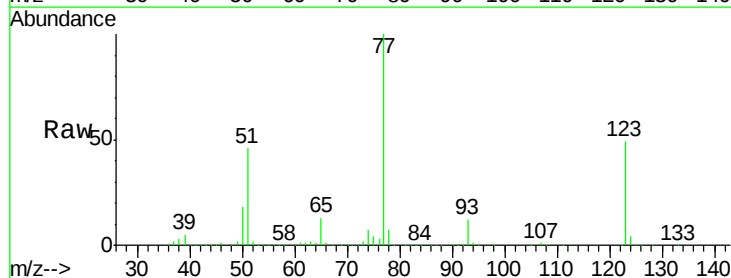


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

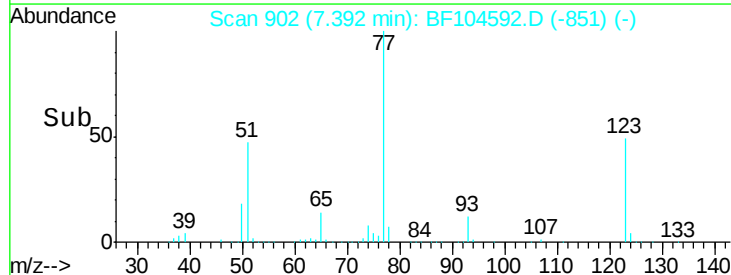
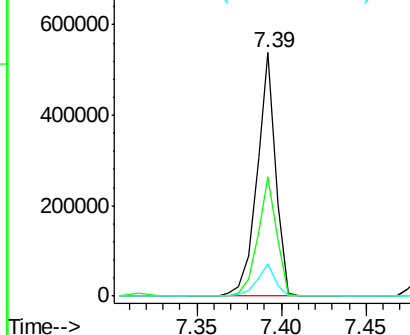


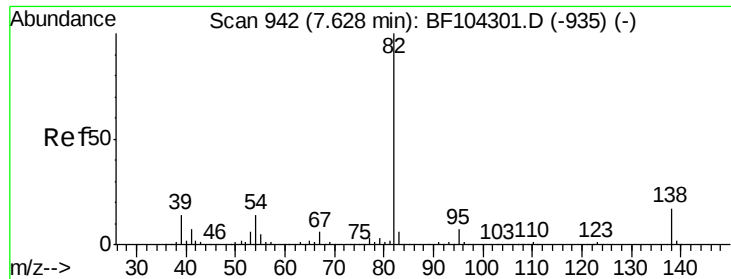
#24
 Nitrobenzene
 Concen: 43.267 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion: 77 Resp: 413222
 Ion Ratio Lower Upper
 77 100
 123 49.3 37.9 56.9
 65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 42.688 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

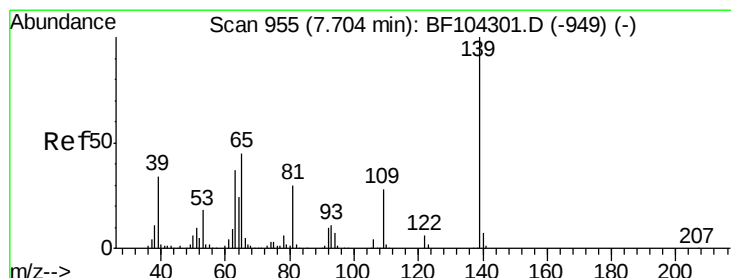
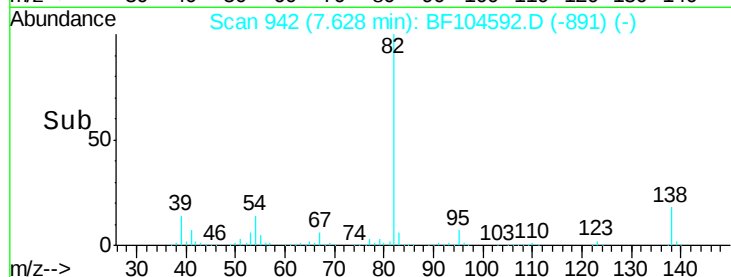
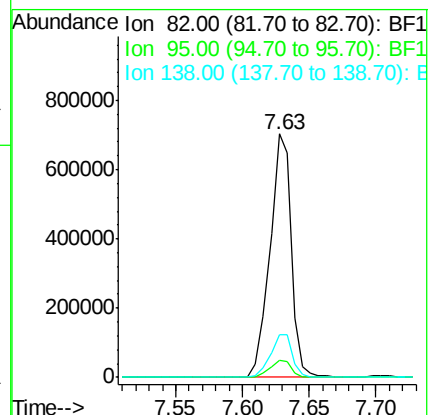
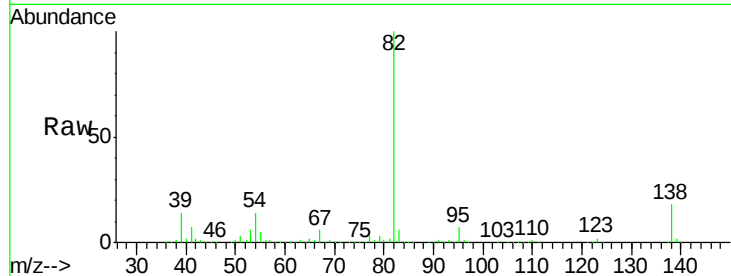
Tot Ion: 82 Resp: 780857

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 55.727 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

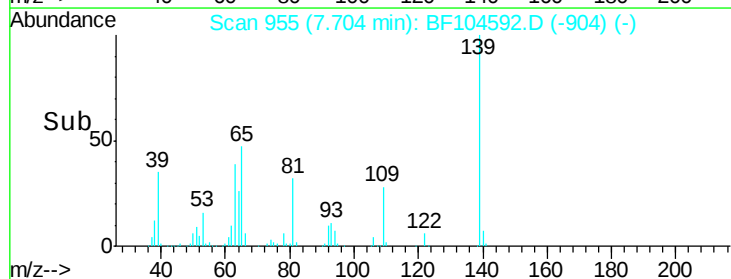
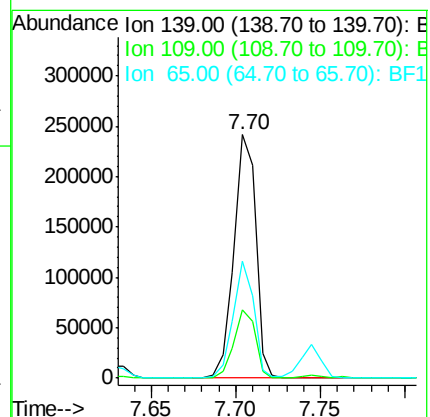
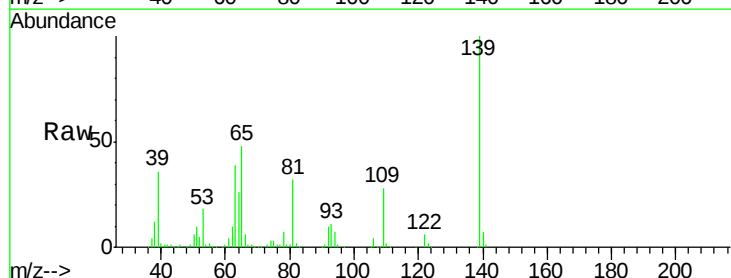
Tgt Ion: 139 Resp: 216670

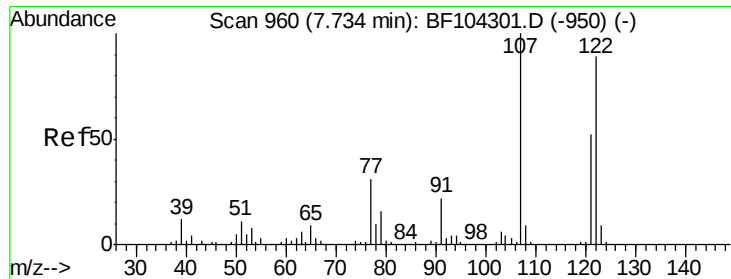
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 47.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.669 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampled :

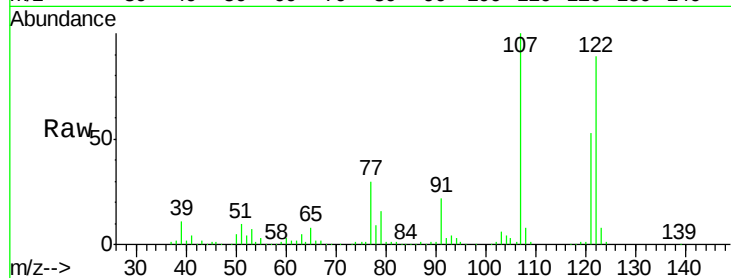
Tot Ion:122 Resp: 312179

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

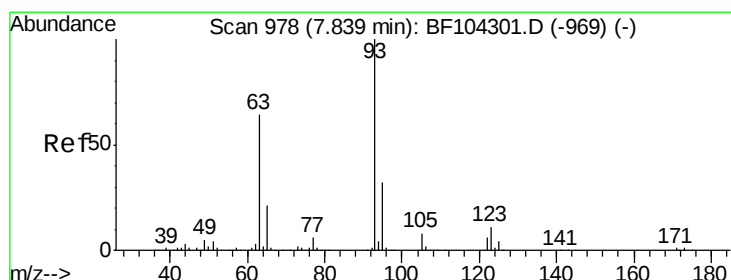
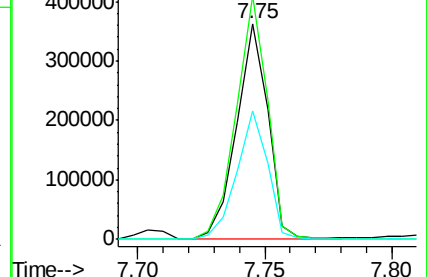
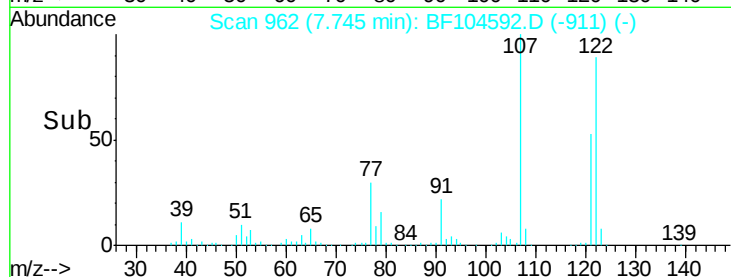
121 59.4 47.2 70.8



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: 43.655 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

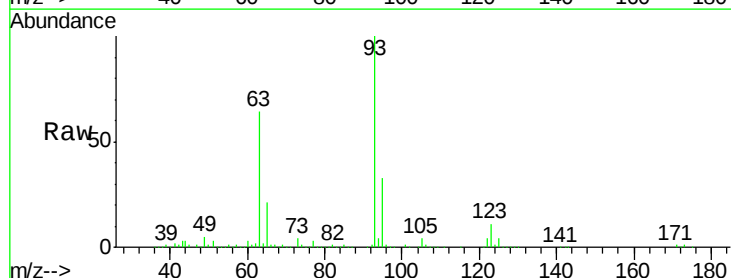
Tgt Ion: 93 Resp: 488243

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

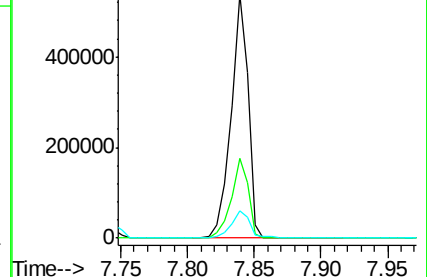
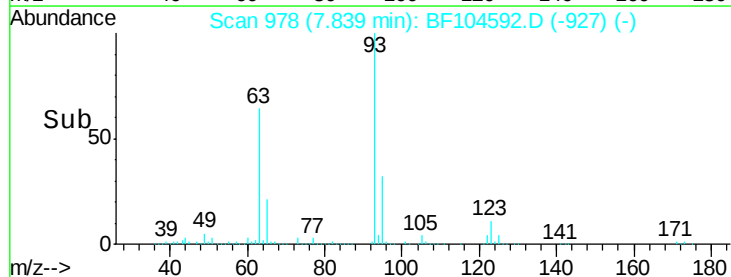
123 11.4 9.8 14.6



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

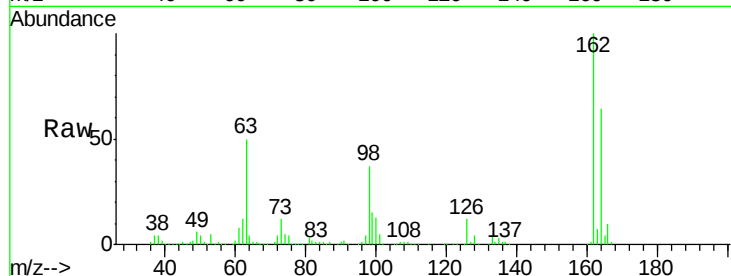




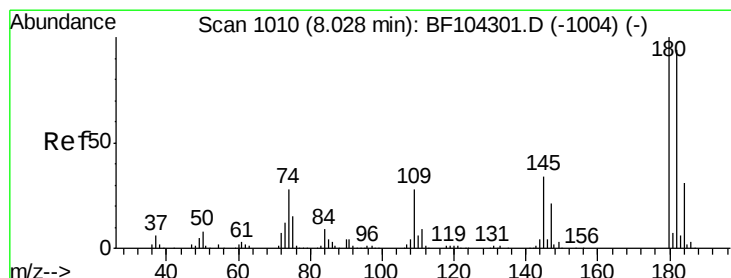
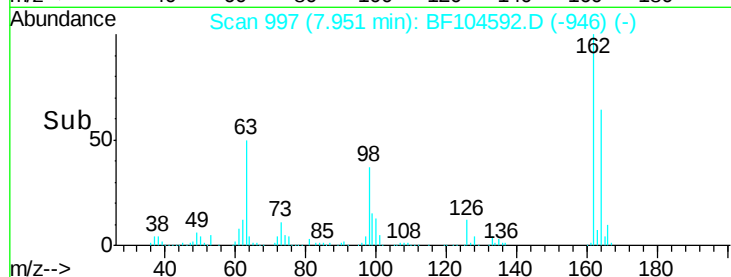
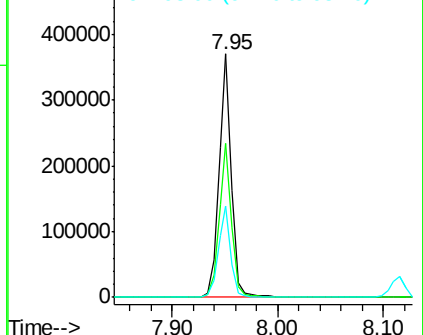
#29
2,4-Dichlorophenol
Concen: 39.976 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	37.4	18.1	58.1

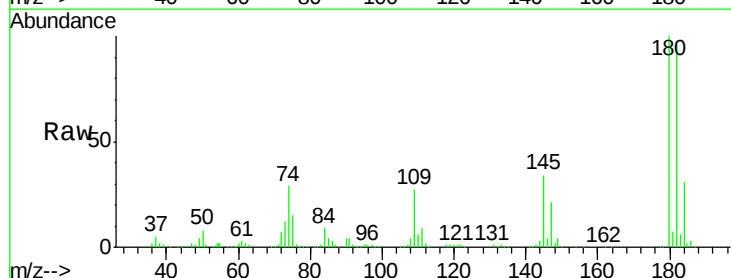


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

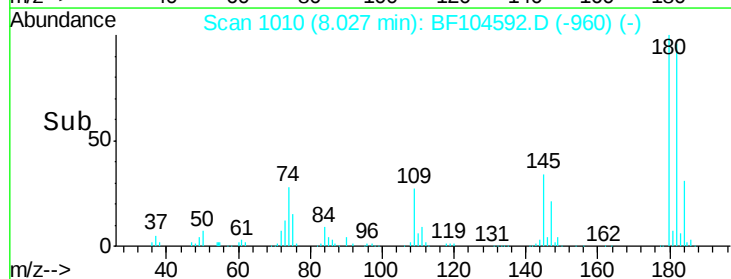
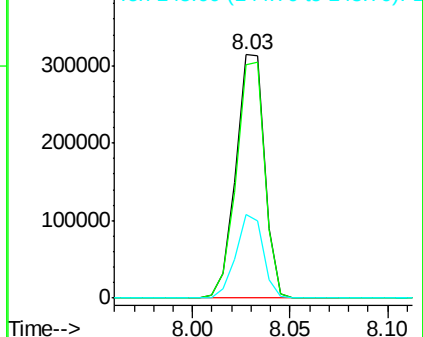


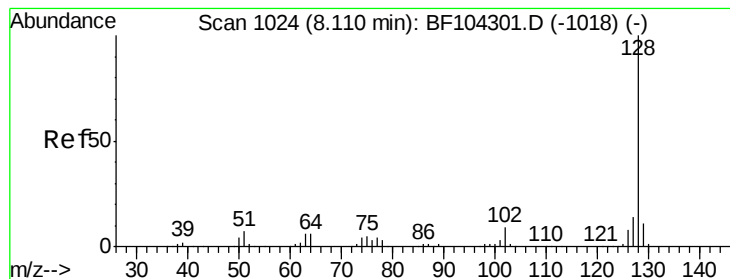
#30
1,2,4-Trichlorobenzene
Concen: 37.995 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	34.3	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: 71.884 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

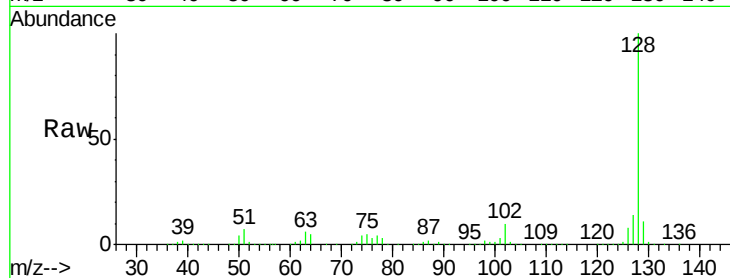
Tot Ion:128 Resp: 2021860

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

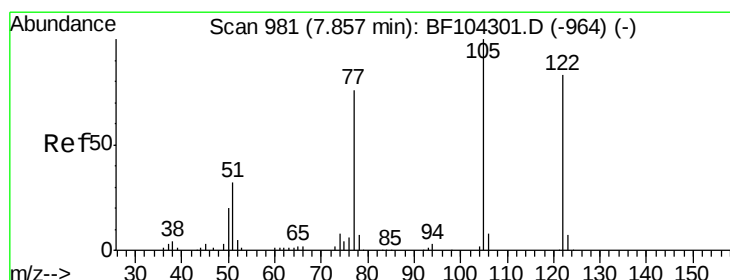
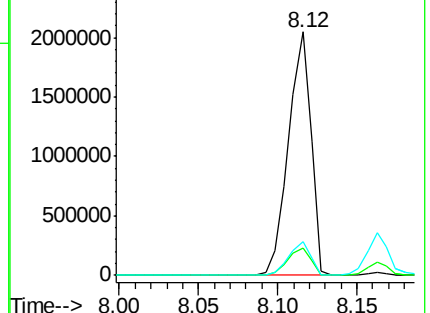
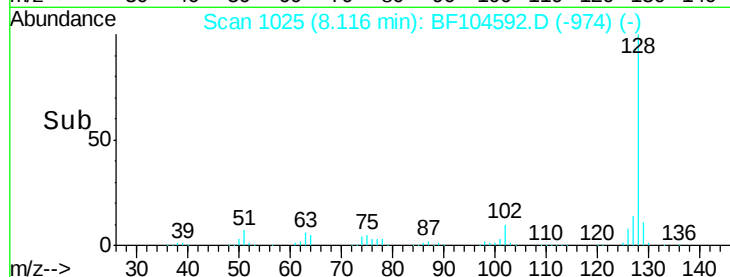
127 14.1 10.9 16.3



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: 13.597 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

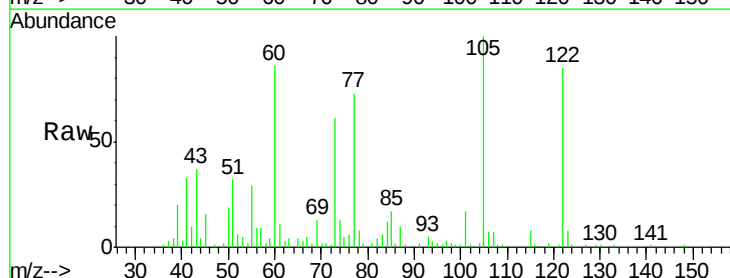
Tgt Ion:122 Resp: 87582

Ion Ratio Lower Upper

122 100

105 118.2 101.1 141.1

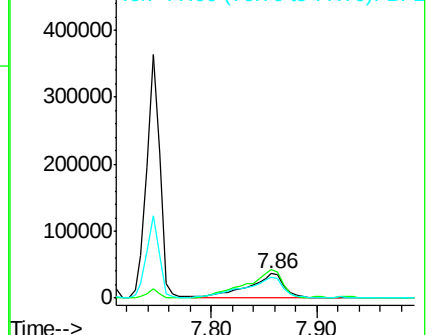
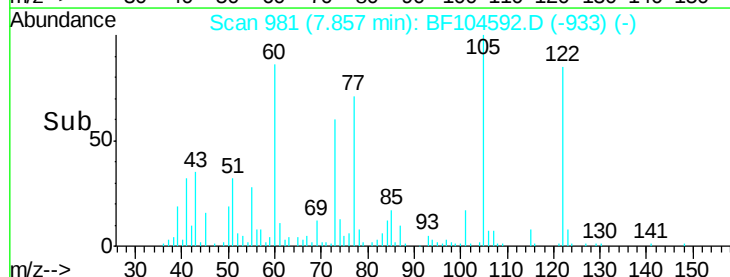
77 86.0 70.7 110.7

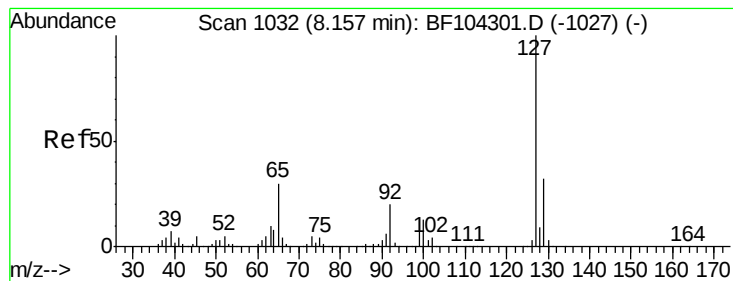


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 29.126 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 350965

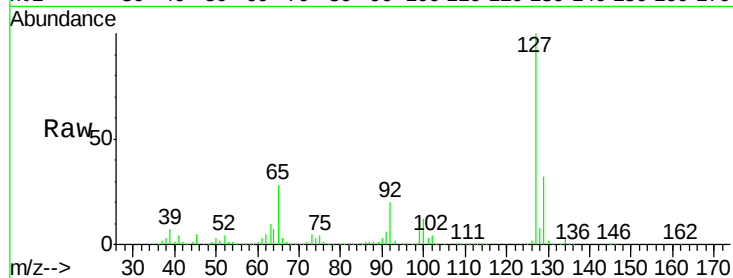
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 28.5 25.0 37.4

92 19.5 15.2 22.8

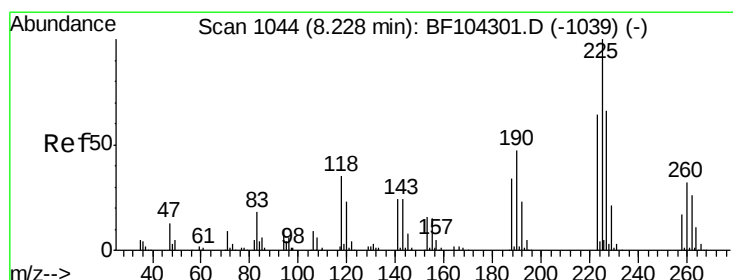
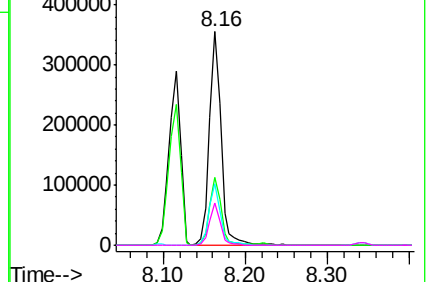
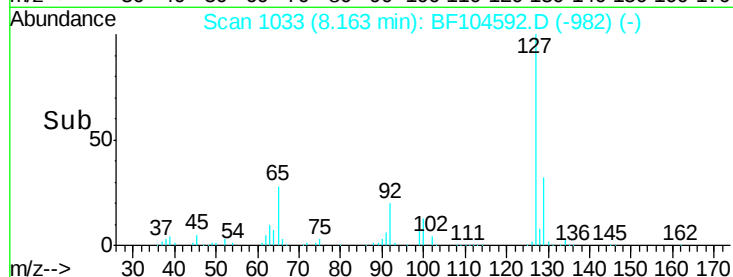


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.372 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

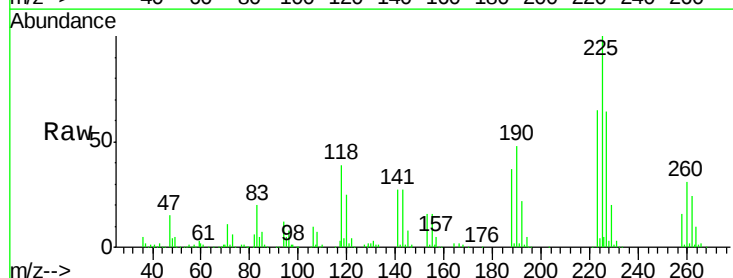
Tgt Ion:225 Resp: 168413

Ion Ratio Lower Upper

225 100

223 64.6 50.6 76.0

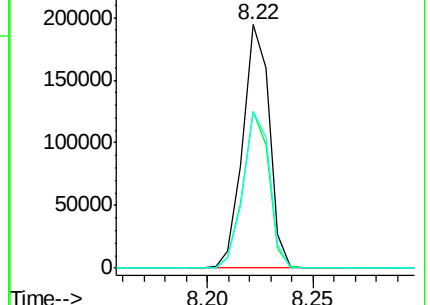
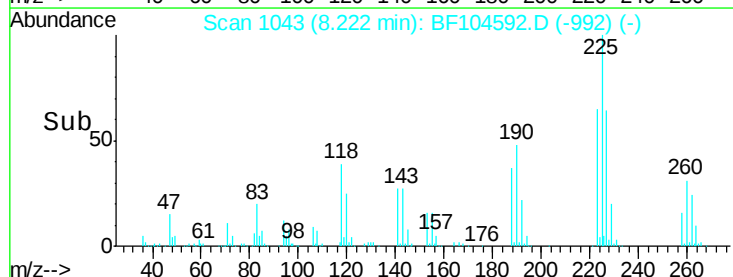
227 64.2 51.9 77.9

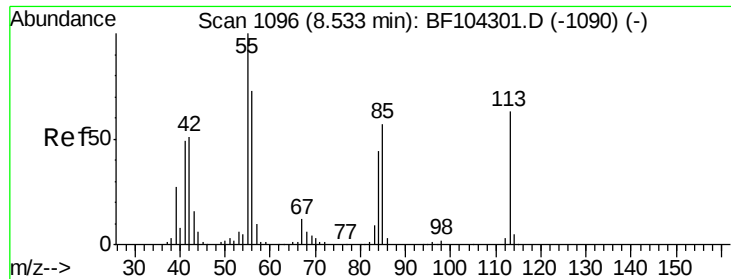


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

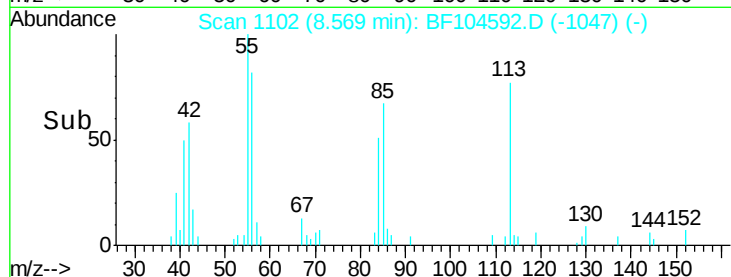
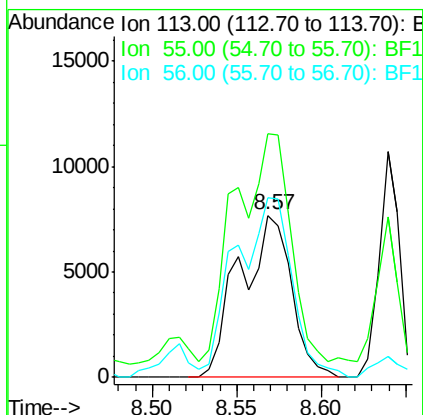
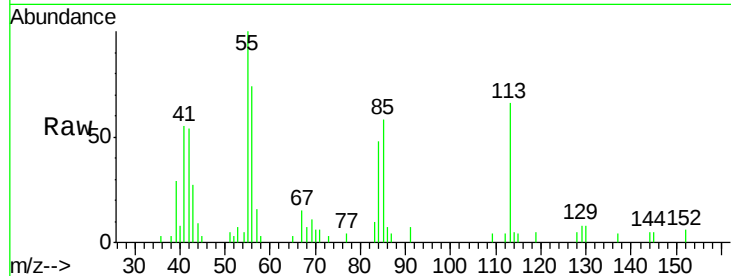




#35
 Caprolactam
 Concen: 6.109 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

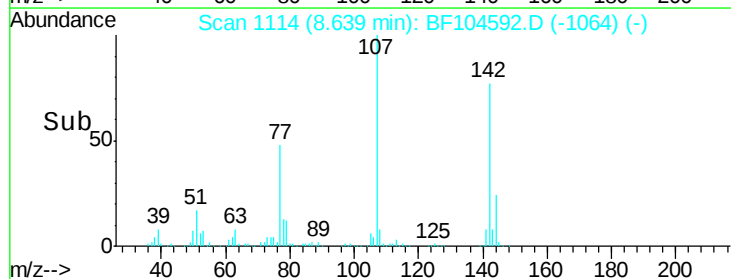
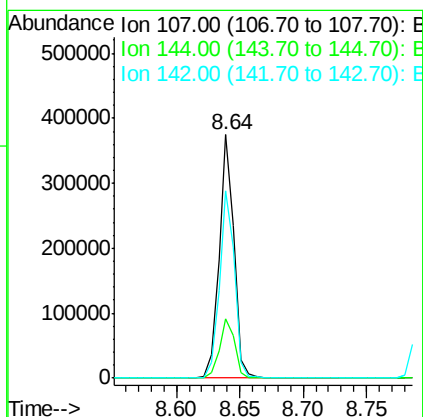
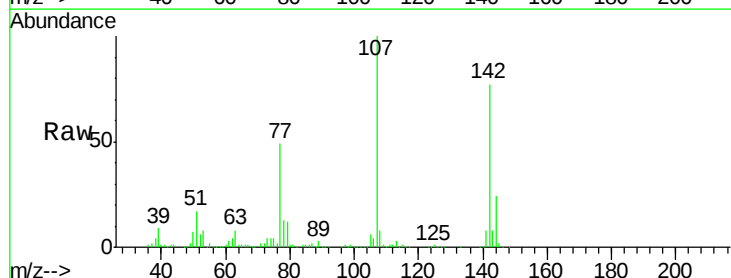
Instrument :
 BNA_F
 ClientSampleId :

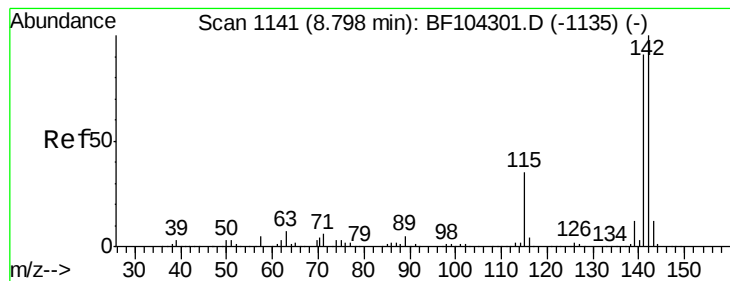
Tot Ion:113 Resp: 16416
 Ion Ratio Lower Upper
 113 100
 55 150.4 163.3 203.3#
 56 111.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.323 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:107 Resp: 308273
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 76.8 62.0 93.0

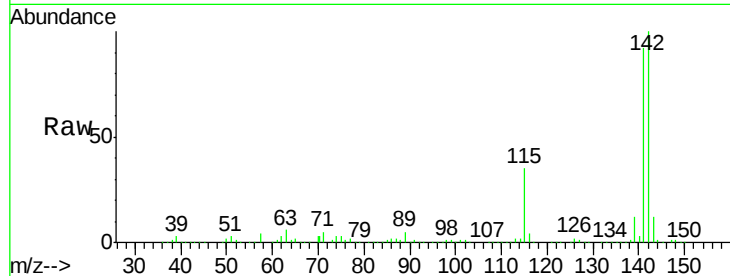




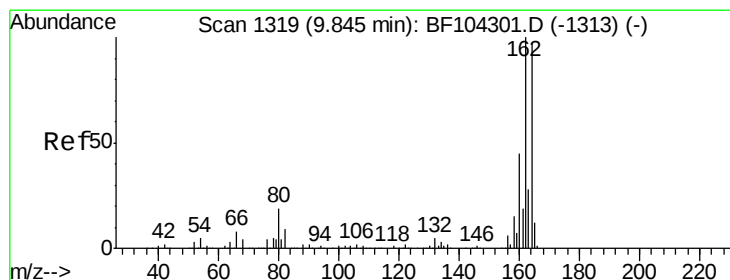
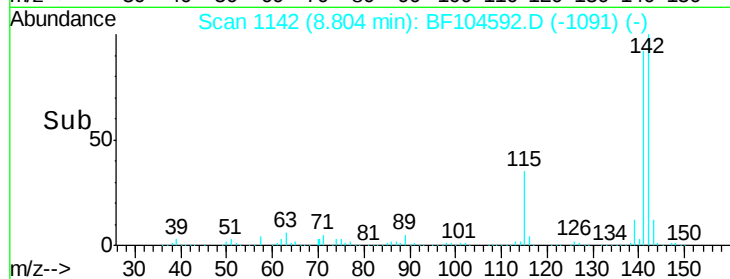
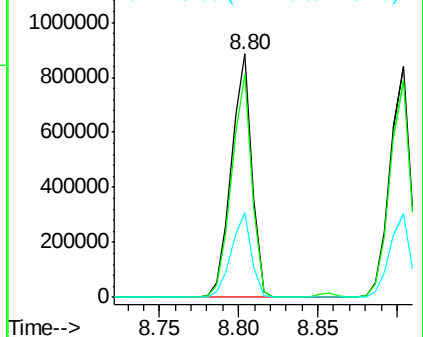
#37
2-Methylnaphthalene
Concen: 43.703 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.8	106.2
115	34.9	26.1	39.1

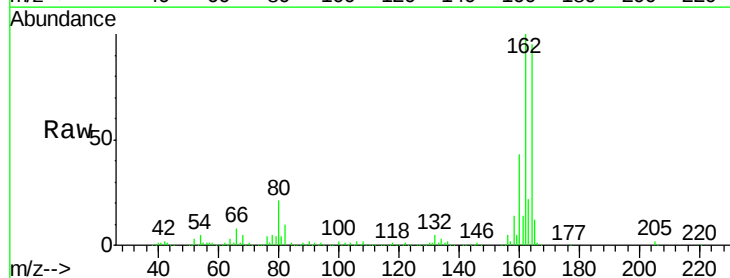


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

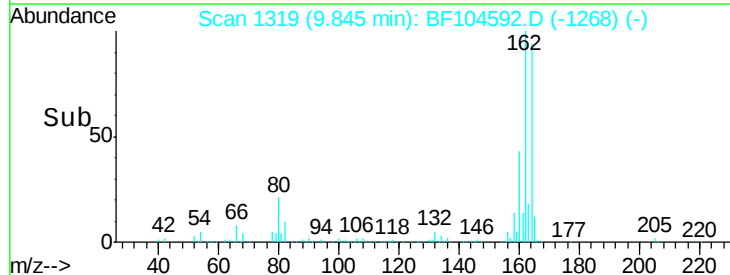
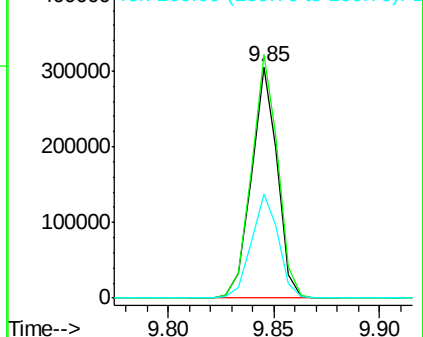


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.4	38.3	57.5



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

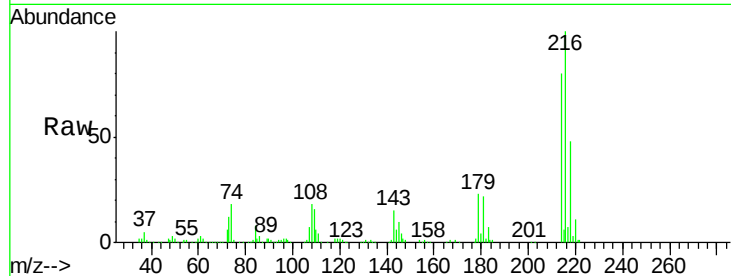




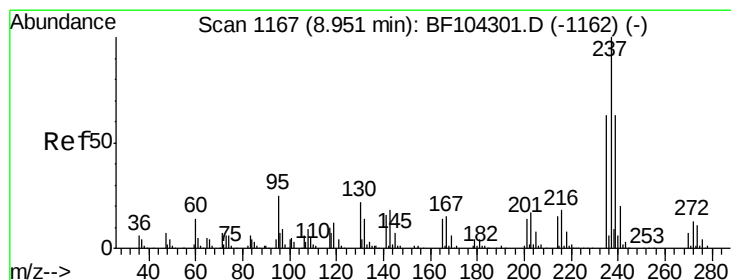
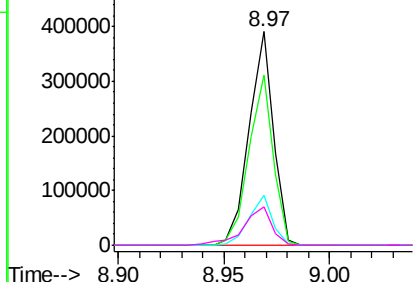
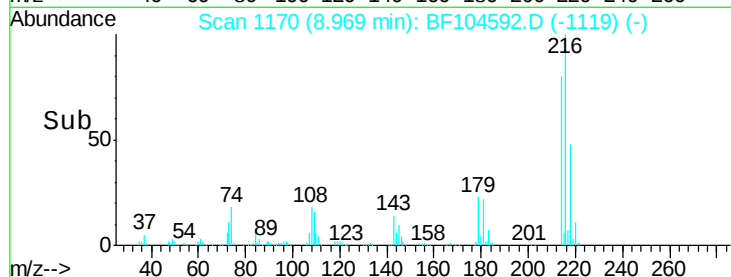
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.323 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	313577
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.0 94.4
179	22.5	18.1 27.1
108	21.1	17.2 25.8

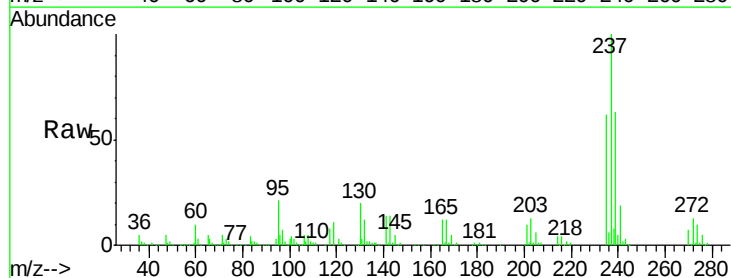


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

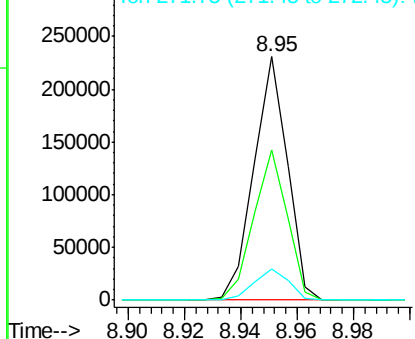
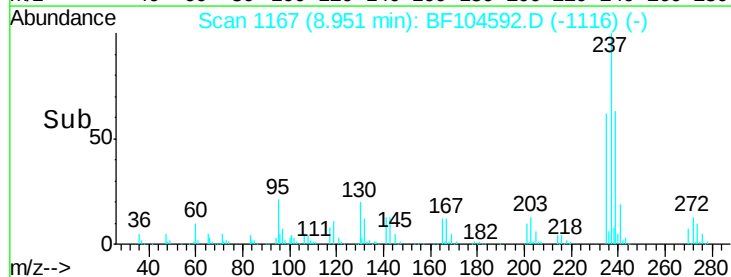


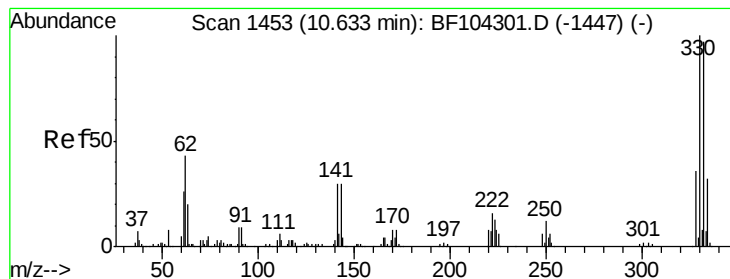
#40
 Hexachlorocyclopentadiene
 Concen: 45.831 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:237	Resp:	190100
Ion Ratio	Lower	Upper
237	100	
235	61.5	44.8 84.8
272	12.8	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.432 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

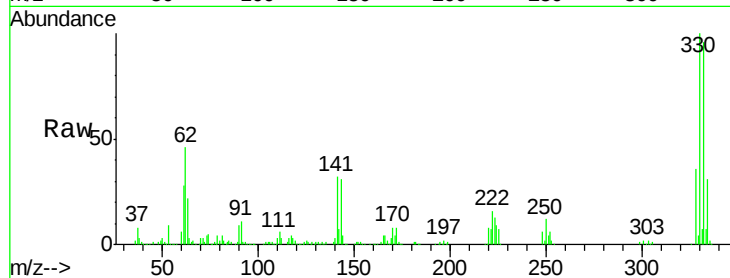
Tot Ion:330 Resp: 331400

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

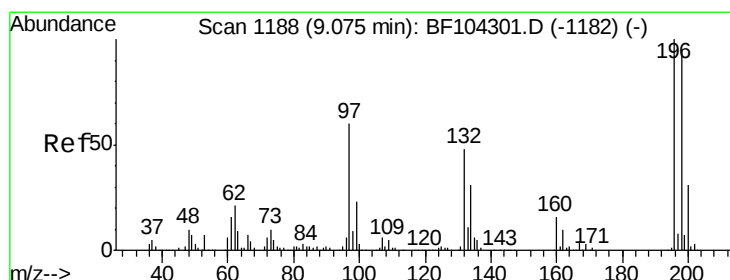
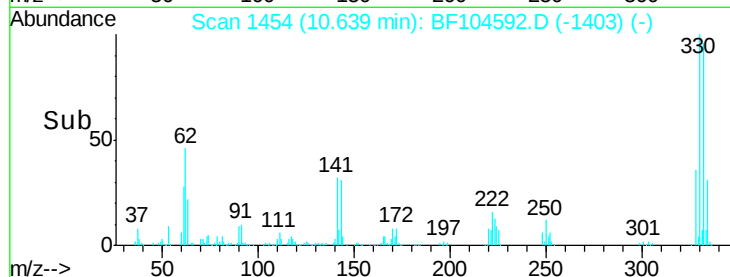
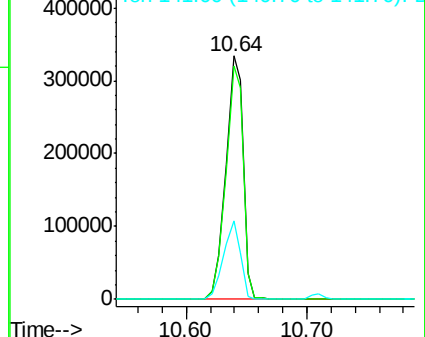
141 31.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.683 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

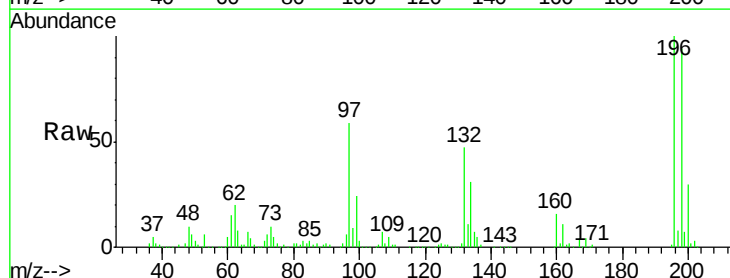
Tgt Ion:196 Resp: 219529

Ion Ratio Lower Upper

196 100

198 94.4 75.7 113.5

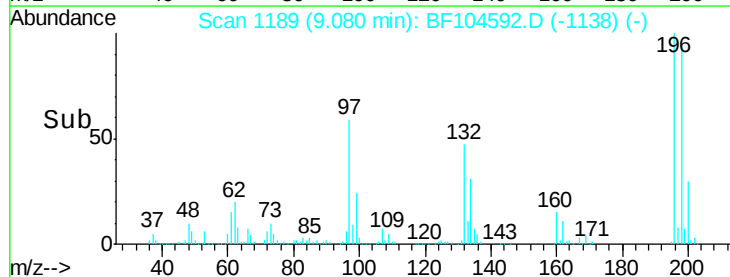
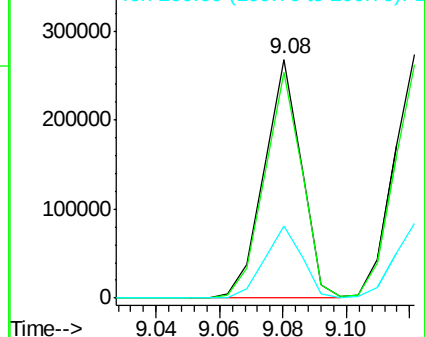
200 30.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

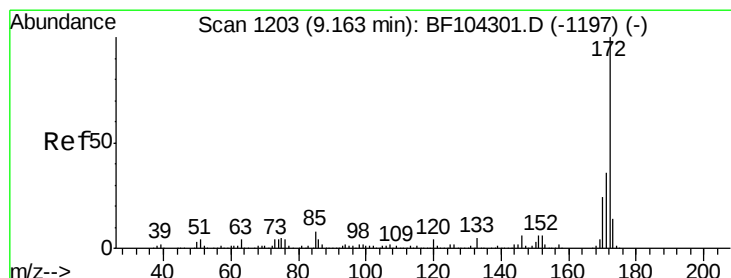
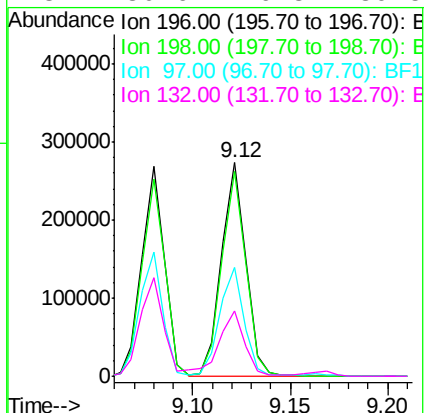
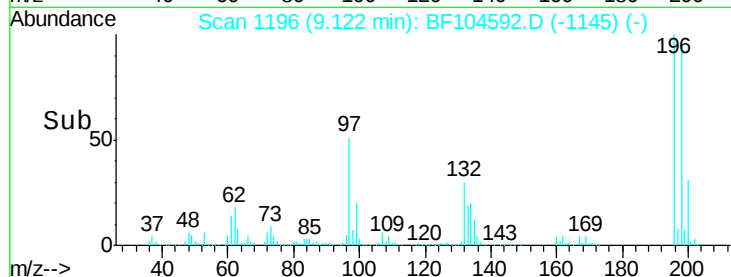
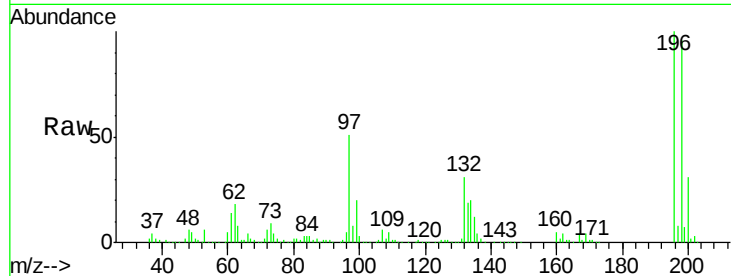




#43
 2,4,5-Trichlorophenol
 Concen: 41.234 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

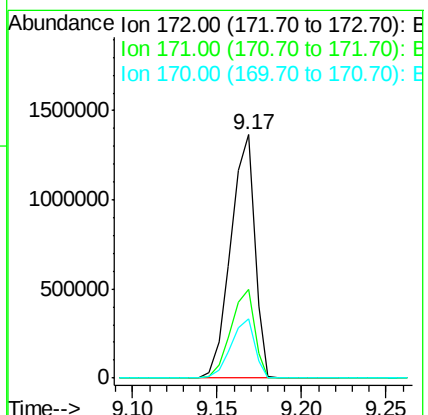
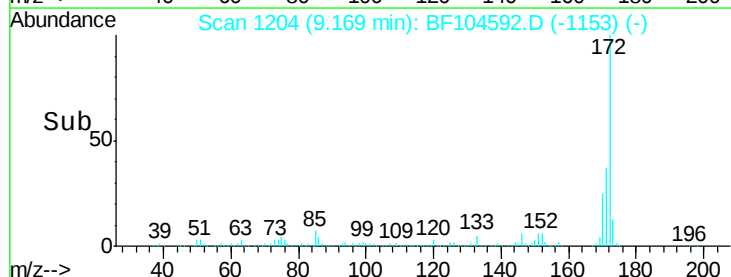
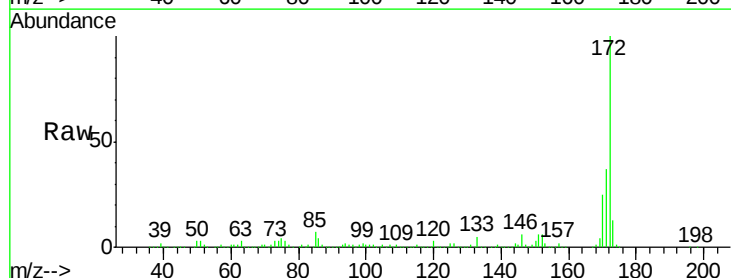
Instrument :
 BNA_F
 ClientSampleId :

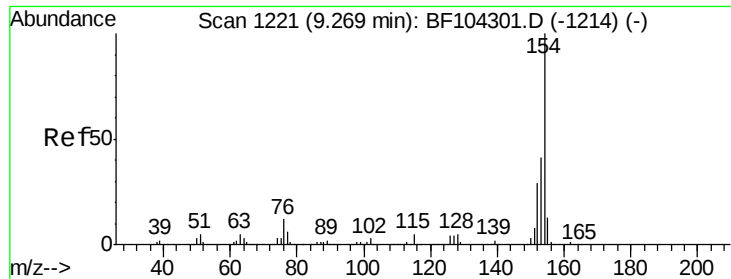
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	51.1	42.9	64.3
132	30.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 82.089 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

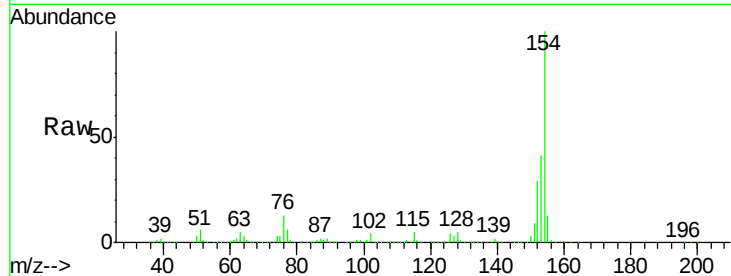




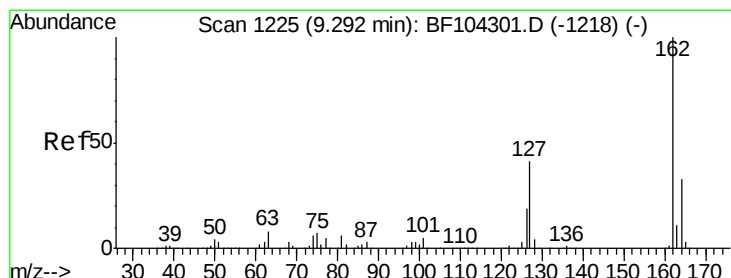
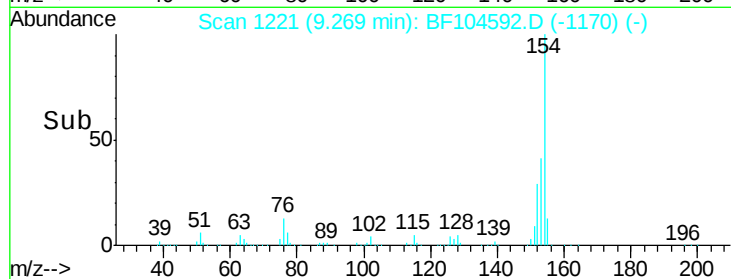
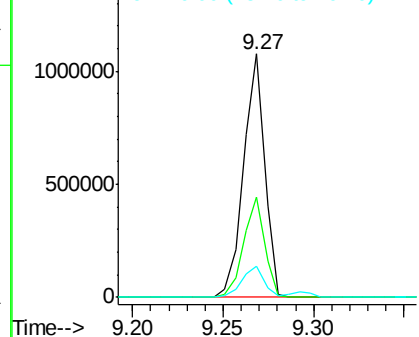
#45
 1,1'-Biphenyl
 Concen: 40.106 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.9	0.0	34.0

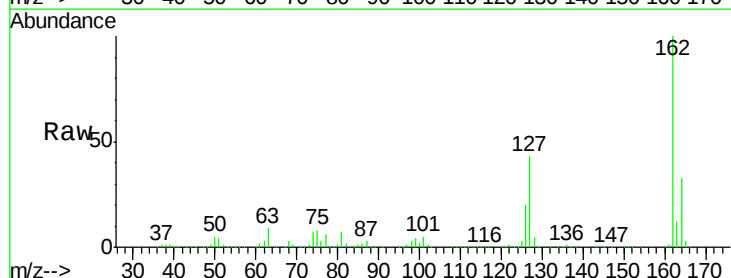


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

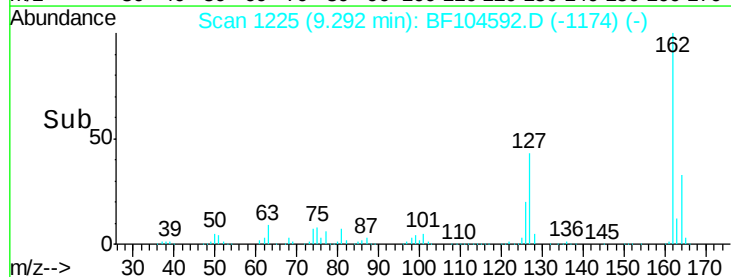
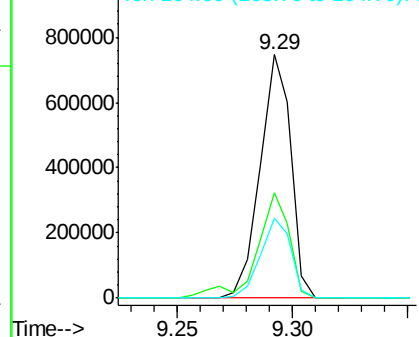


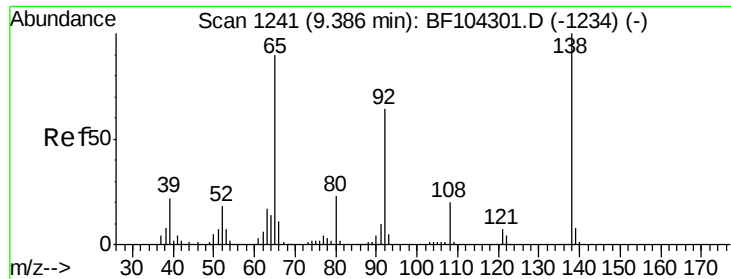
#46
 2-Chloronaphthalene
 Concen: 40.370 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.9	50.9
164	32.6	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: 52.145 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

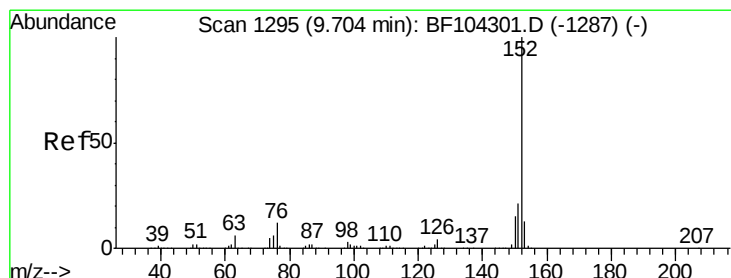
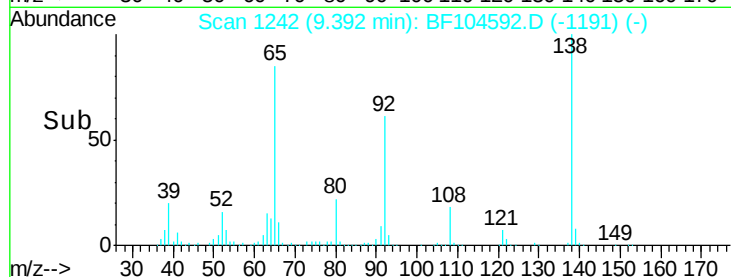
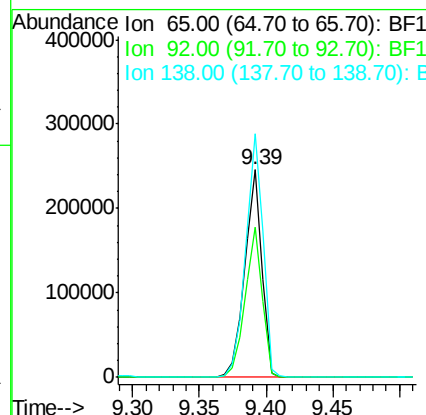
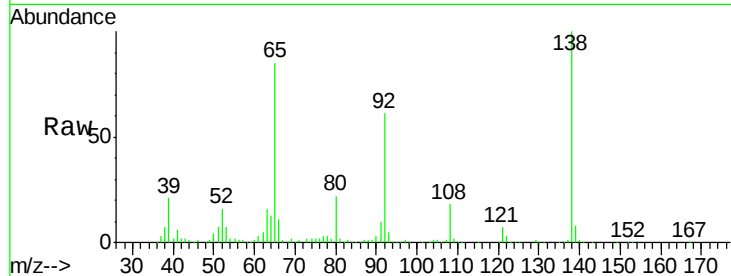
Tot Ion: 65 Resp: 221469

Ion Ratio Lower Upper

65 100

92 72.2 55.8 83.6

138 117.4 91.2 136.8



#48

Acenaphthylene

Concen: 38.999 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

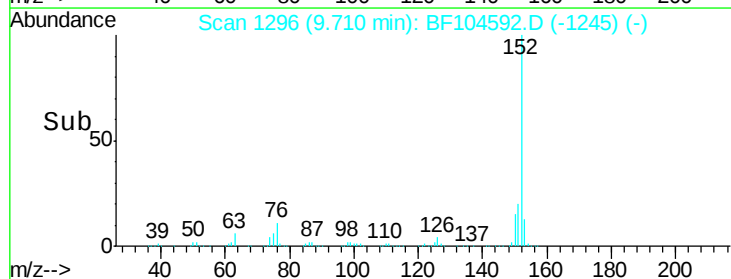
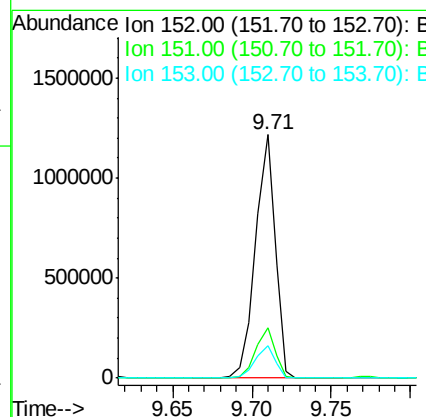
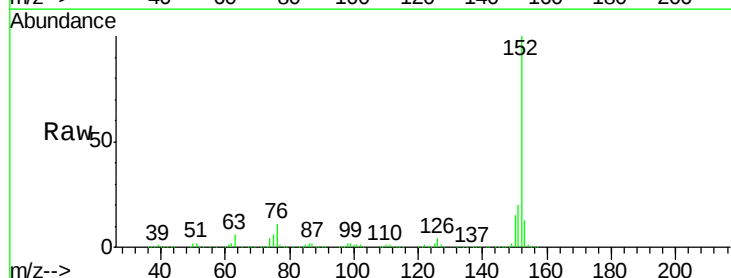
Tgt Ion: 152 Resp: 1050866

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.3 10.7 16.1

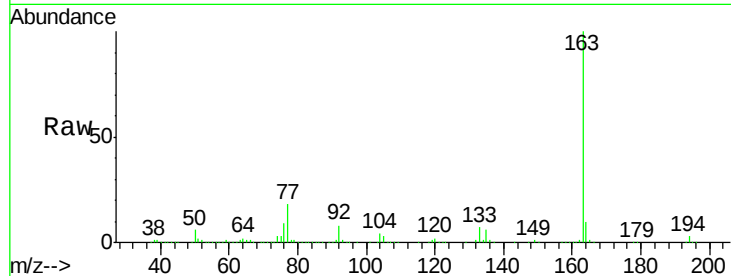




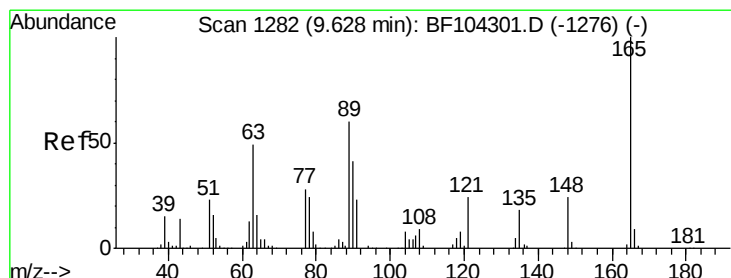
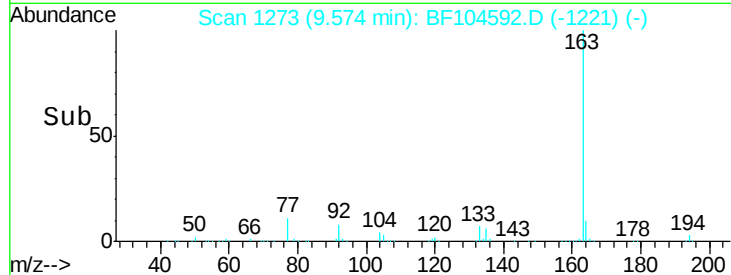
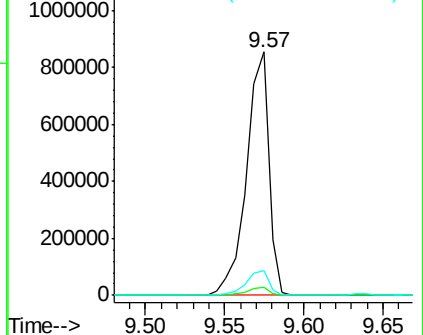
#49
Dimethylphthalate
Concen: 40.839 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 833541
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

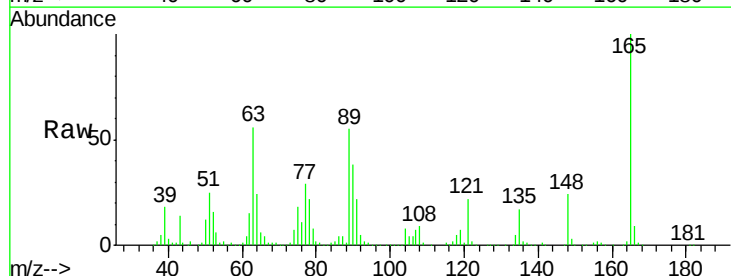


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

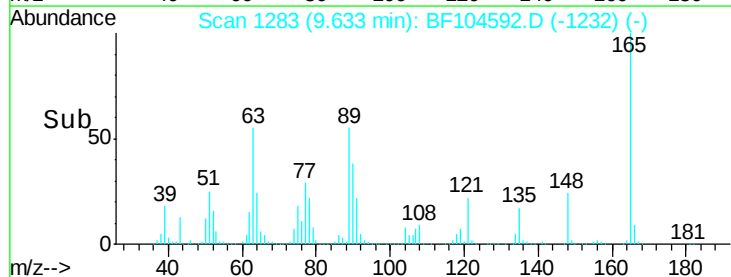
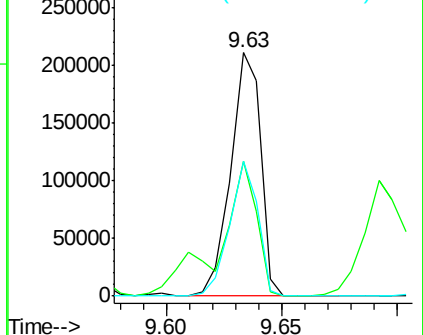


#50
2,6-Dinitrotoluene
Concen: 50.555 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:165 Resp: 190932
Ion Ratio Lower Upper
165 100
63 55.5 44.7 67.1
89 55.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.554 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

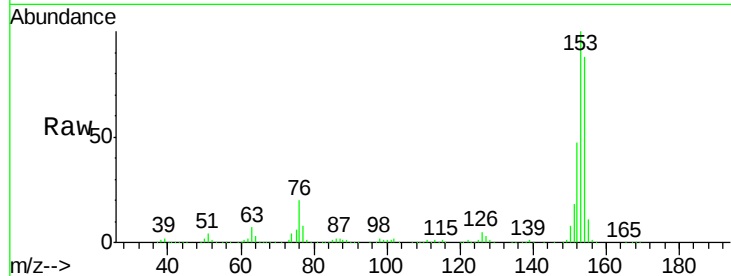
Tot Ion:154 Resp: 633849

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

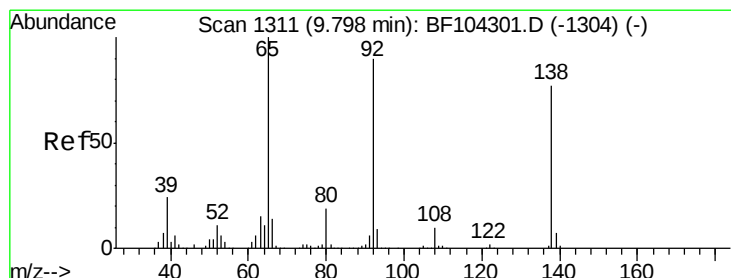
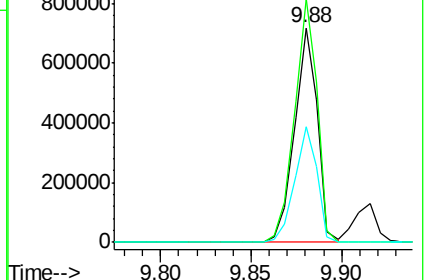
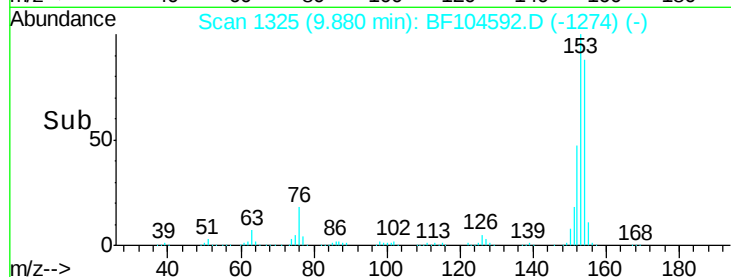
152 53.6 43.8 65.8



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: 31.294 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

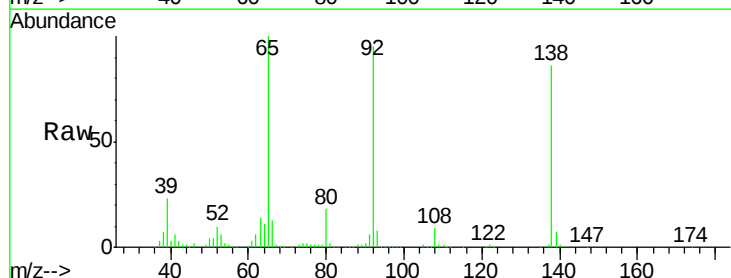
Tgt Ion:138 Resp: 138363

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

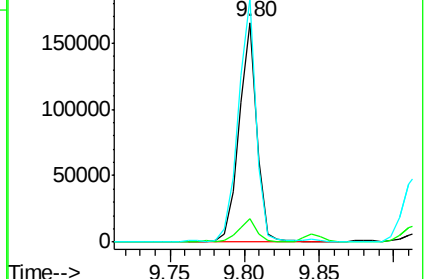
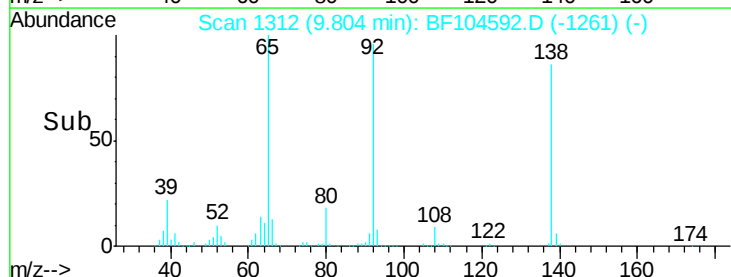
92 110.7 89.4 134.2



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

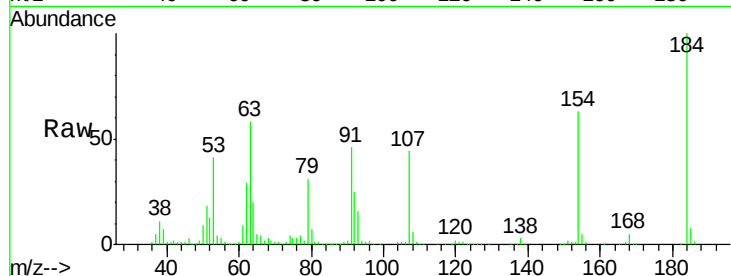




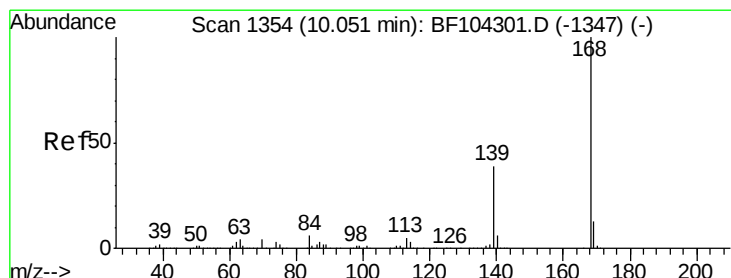
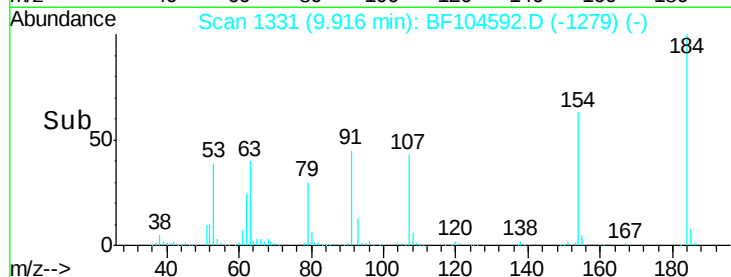
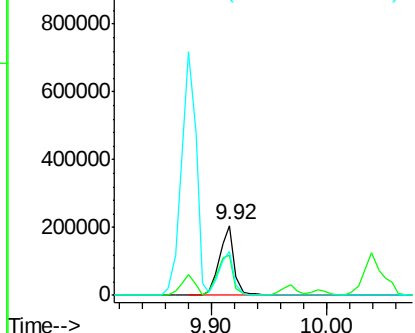
#53
 2,4-Dinitrophenol
 Concen: 102.485 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 181491
 Ion Ratio Lower Upper
 184 100
 63 58.3 54.2 81.2
 154 63.1 184.0 276.0#

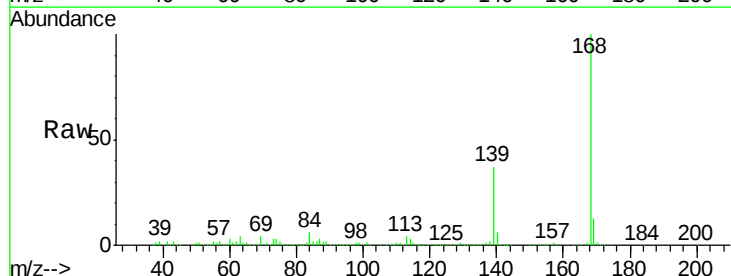


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

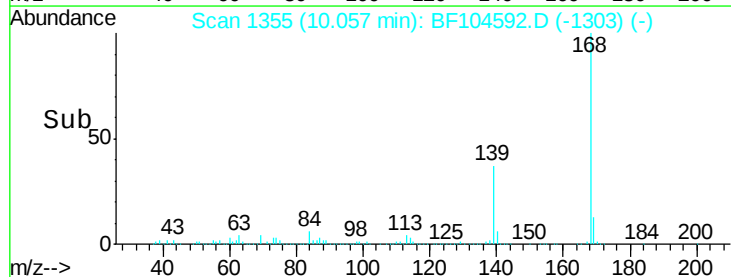
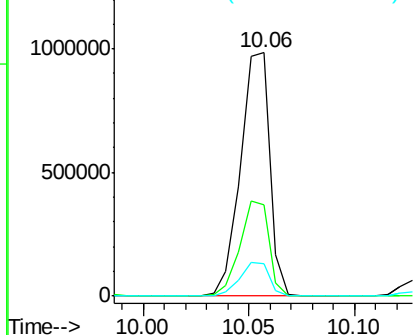


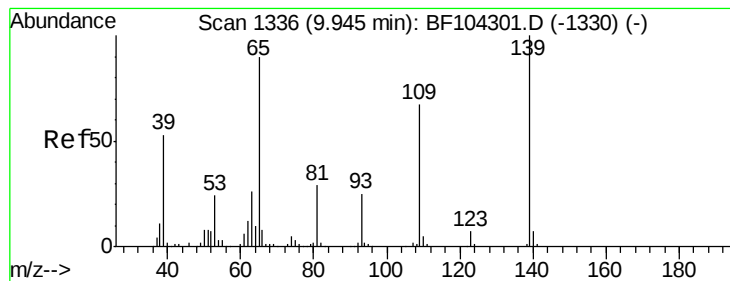
#54
 Dibenzofuran
 Concen: 41.453 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:168 Resp: 949753
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 13.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 31.641 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampled :

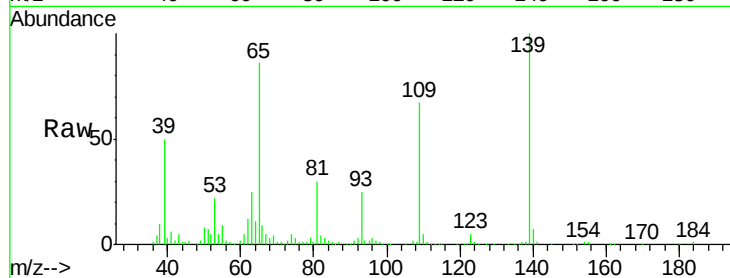
Tot Ion:139 Resp: 109895

Ion Ratio Lower Upper

139 100

109 66.8 48.4 88.4

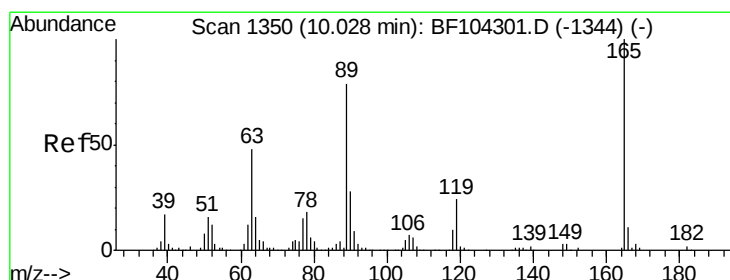
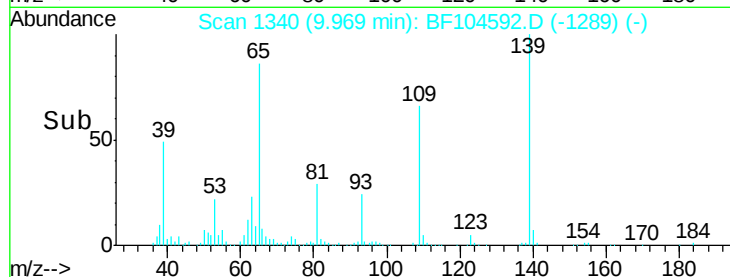
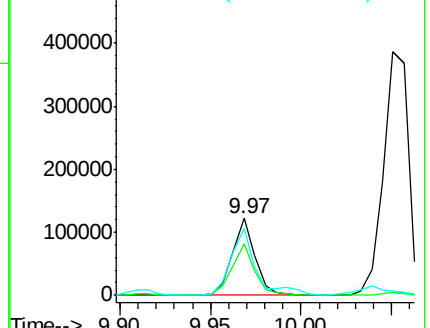
65 86.5 72.6 112.6



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: 50.902 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Tgt Ion:165 Resp: 252165

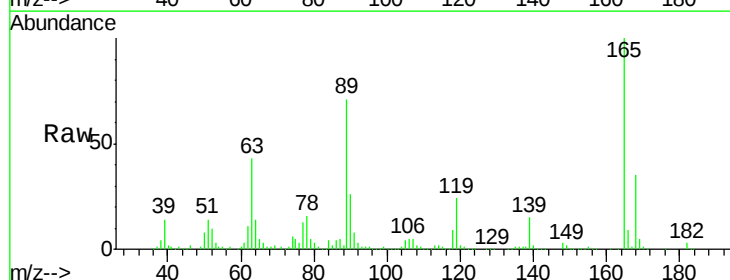
Ion Ratio Lower Upper

165 100

63 43.2 36.4 54.6

89 71.2 57.8 86.6

182 2.5 1.6 2.4#

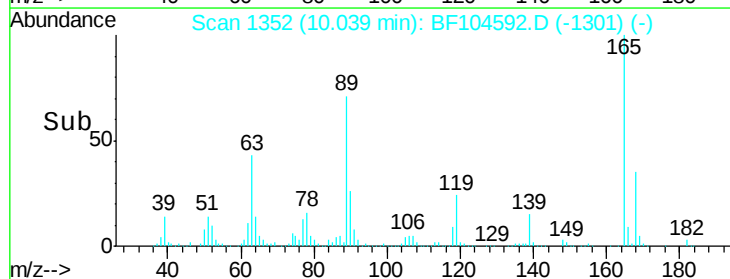
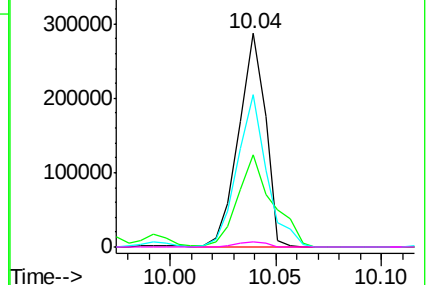


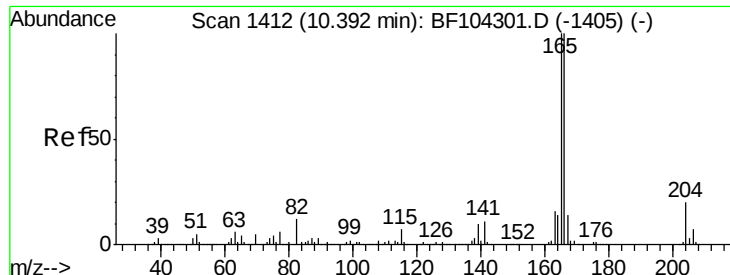
Abundance Ion 165.00 (164.70 to 165.70): E

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

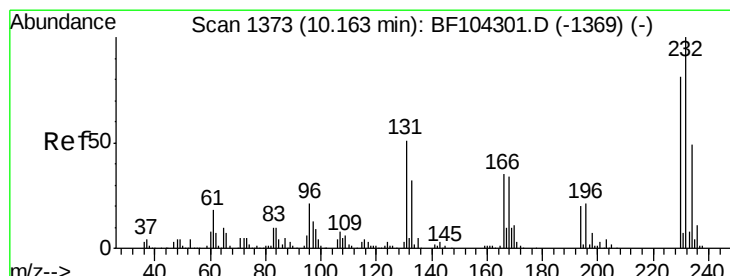
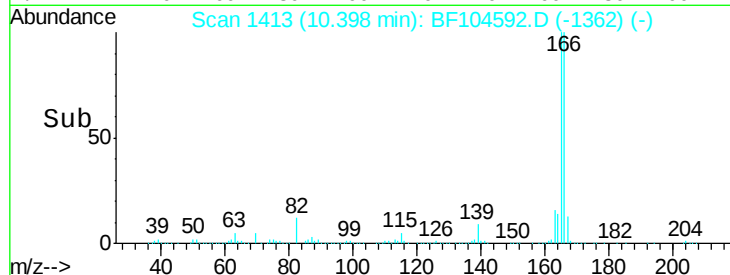
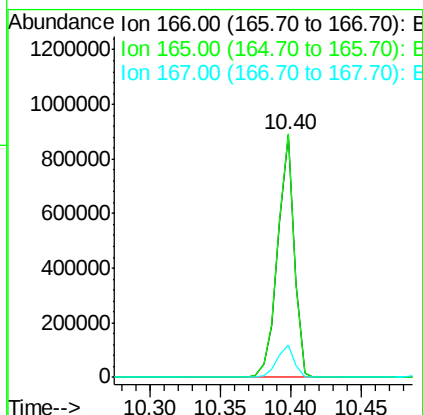
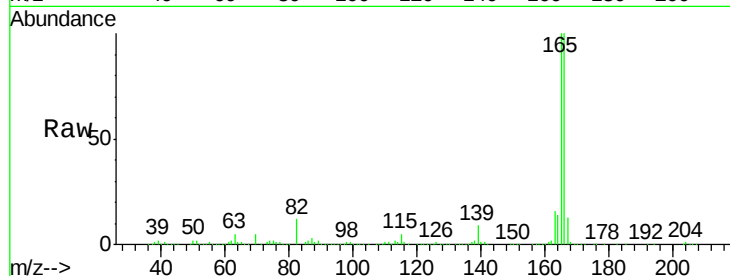




#57
 Fluorene
 Concen: 43.783 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

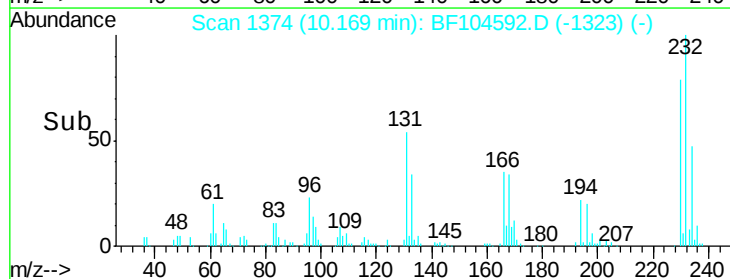
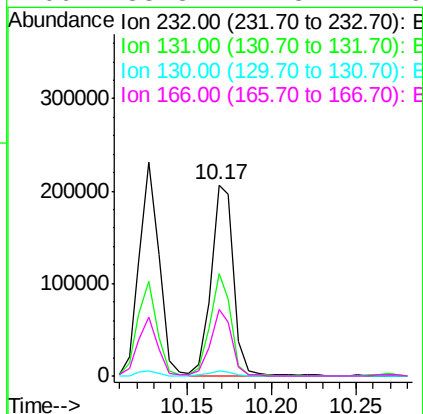
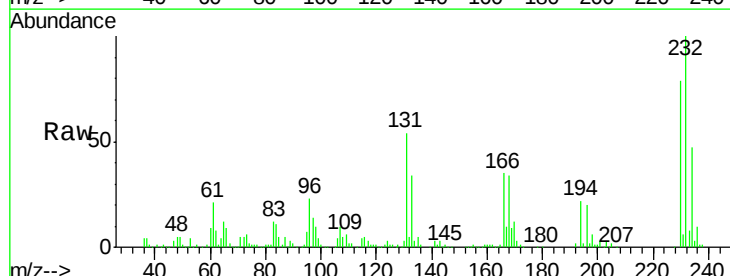
Instrument :
 BNA_F
 ClientSampleId :

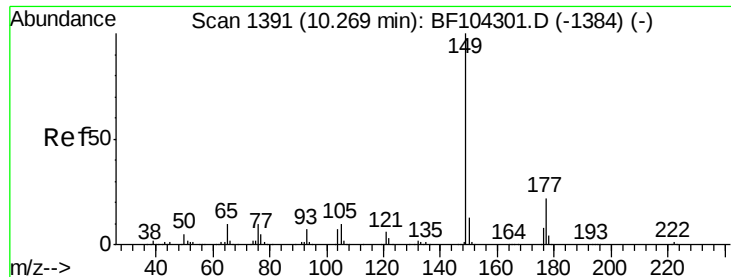
Tot Ion:166 Resp: 730158
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.511 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:232 Resp: 191125
 Ion Ratio Lower Upper
 232 100
 131 49.7 43.8 65.8
 130 2.5 2.1 3.1
 166 33.3 27.8 41.6

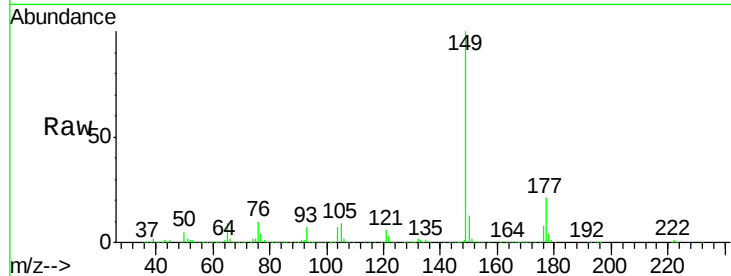




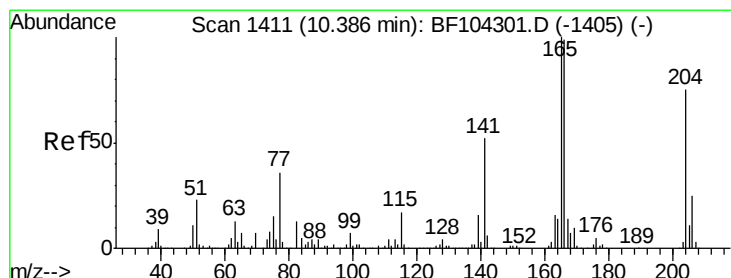
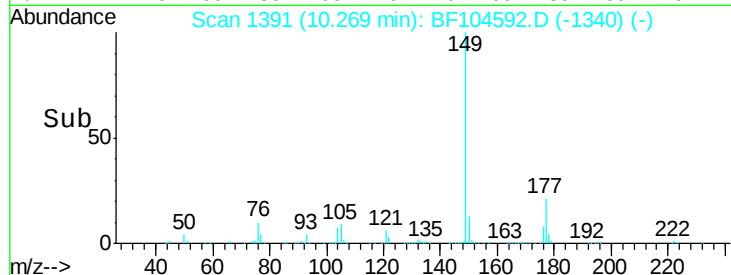
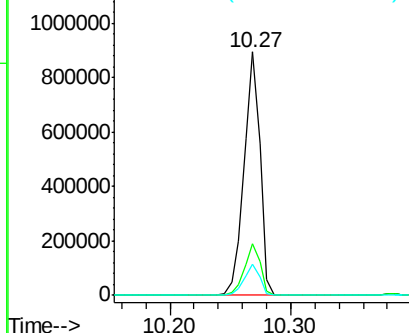
#59
Diethylphthalate
Concen: 40.716 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 827646
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.8 10.1 15.1

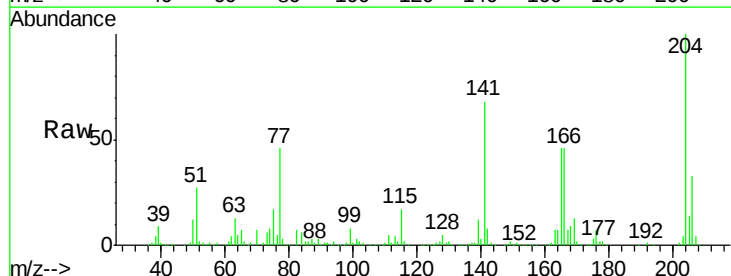


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

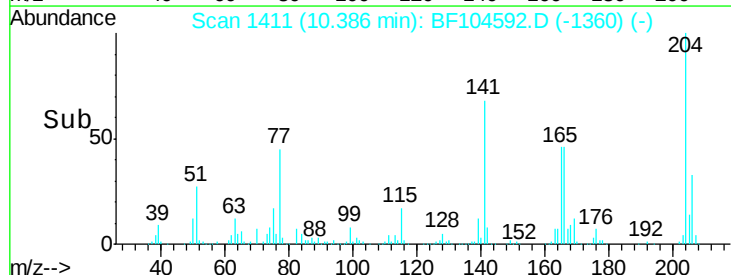
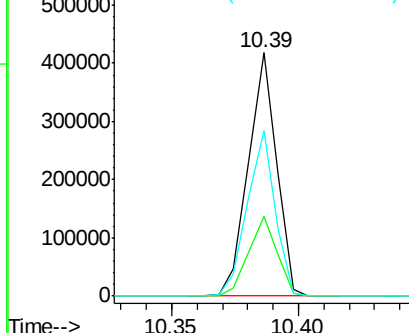


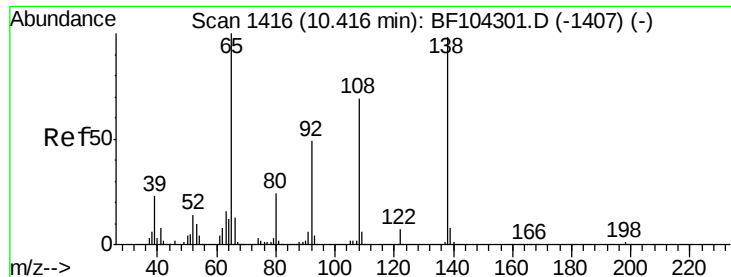
#60
4-Chlorophenyl-phenylether
Concen: 43.834 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:204 Resp: 325557
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 68.2 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

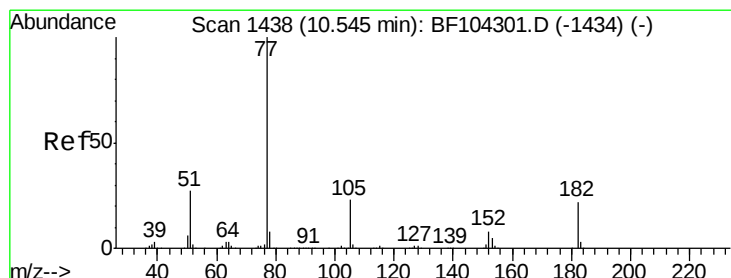
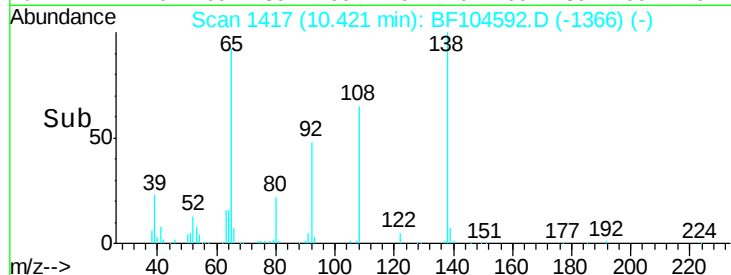
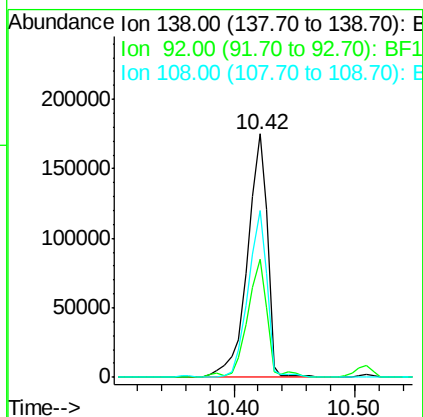
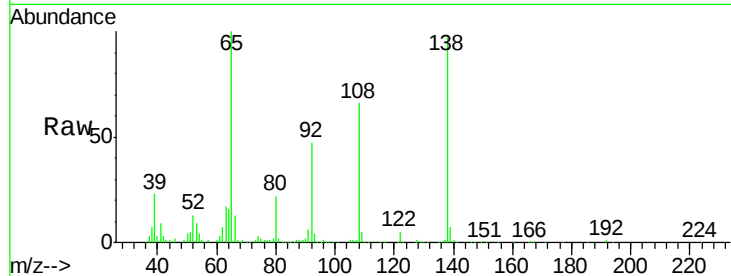




#61
4-Nitroaniline
Concen: 46.965 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

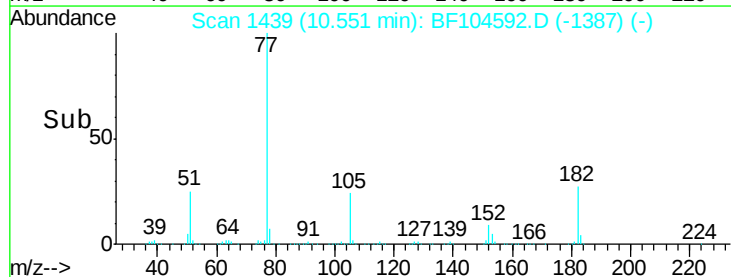
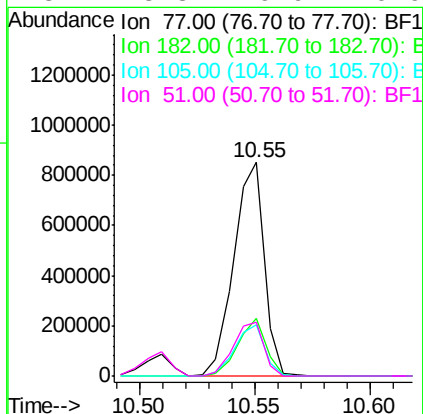
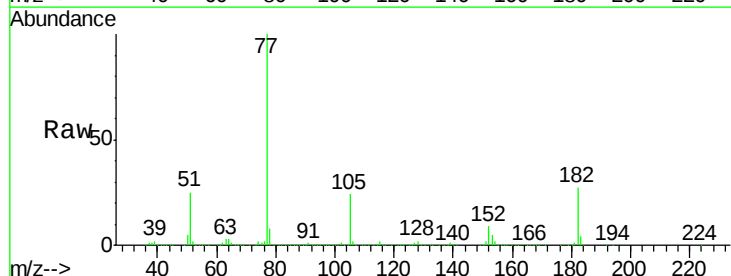
Instrument :
BNA_F
ClientSampleId :

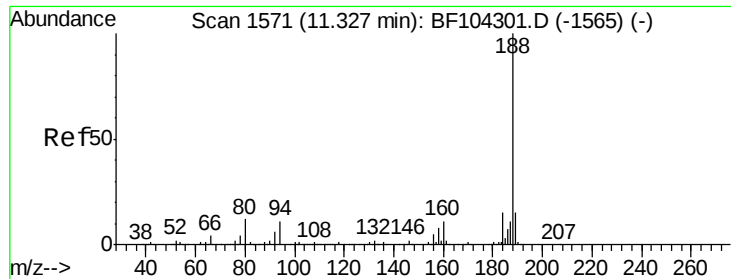
Tot Ion:138 Resp: 203038
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 68.4 52.5 92.5



#62
Azobenzene
Concen: 40.122 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion: 77 Resp: 779190
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 24.3 3.0 43.0
51 25.3 9.9 49.9

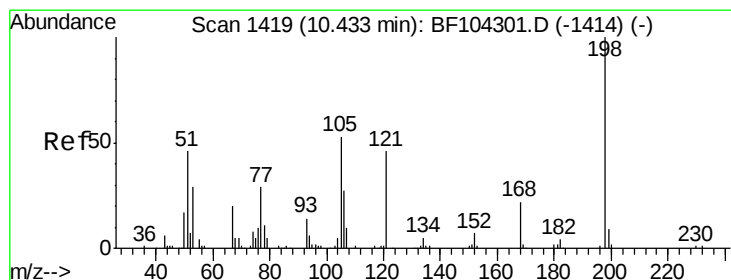
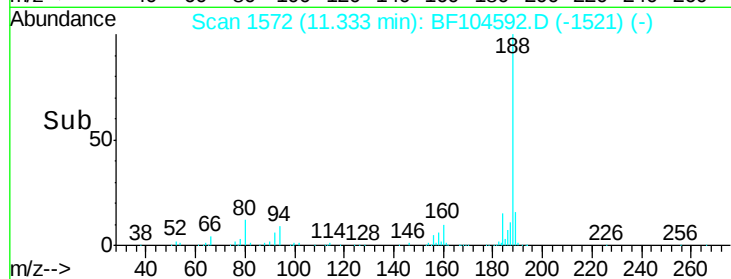
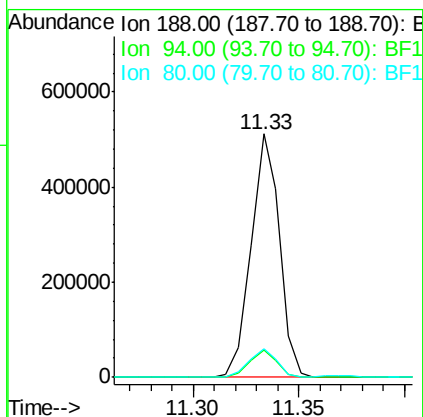
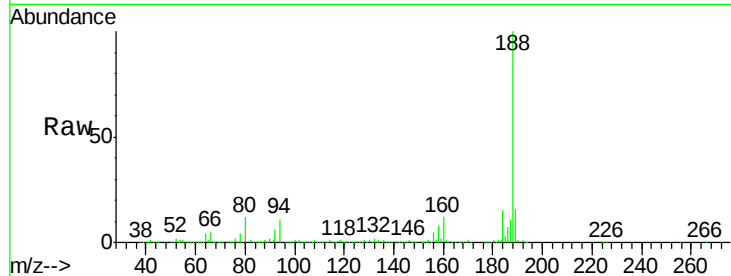




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

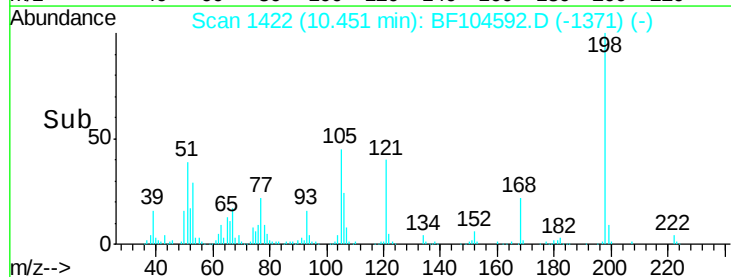
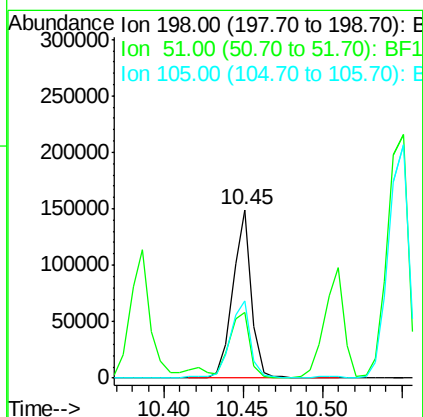
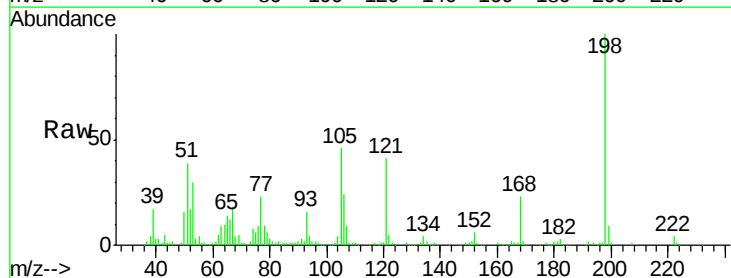
Instrument :
 BNA_F
 ClientSampleId :

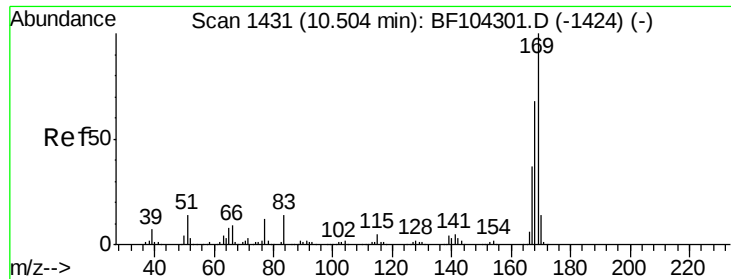
Tot Ion:188 Resp: 477343
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.017 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:198 Resp: 119869
 Ion Ratio Lower Upper
 198 100
 51 39.1 37.7 77.7
 105 45.6 36.3 76.3

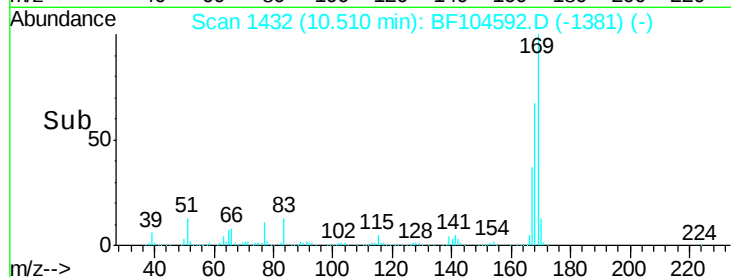
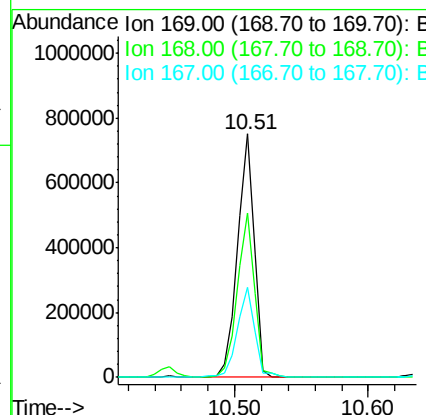
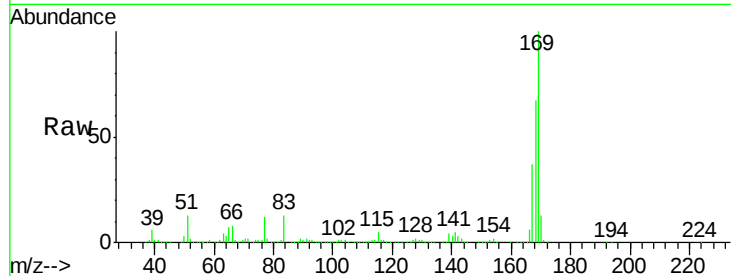




#65
 n-Nitrosodiphenylamine
 Concen: 40.329 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

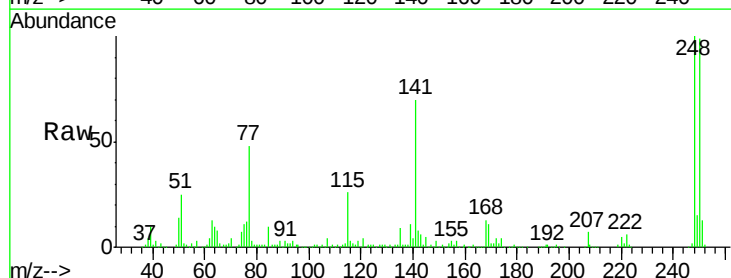
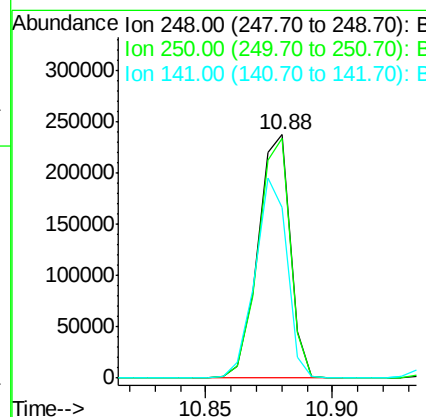
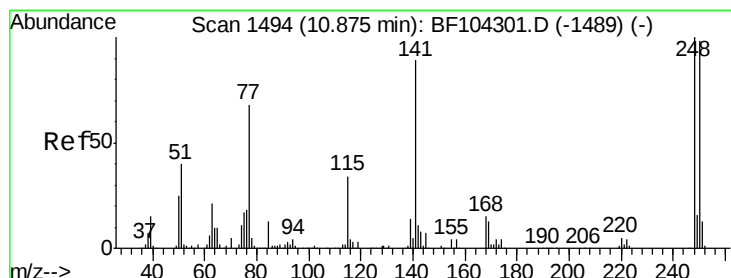
Instrument :
 BNA_F
 ClientSampled :

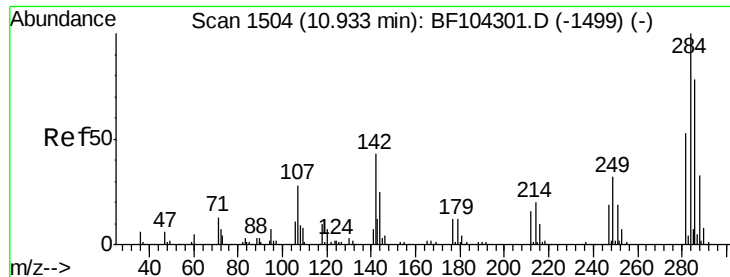
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.705 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	70.1	74.4	111.6#

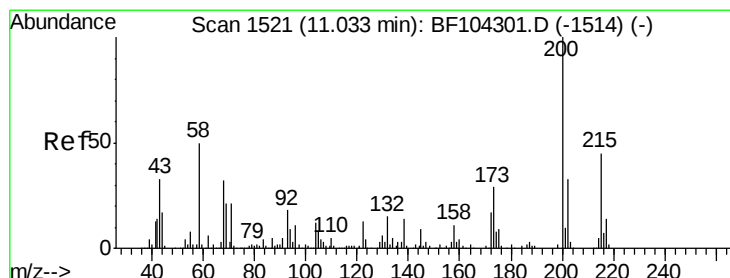
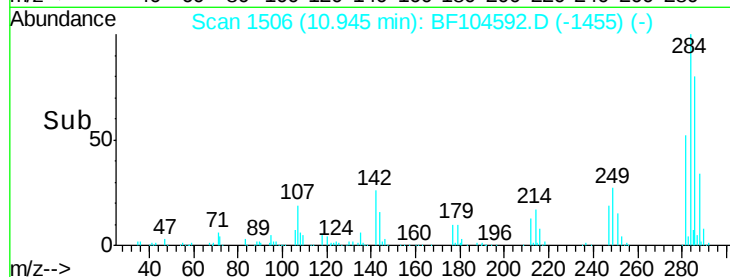
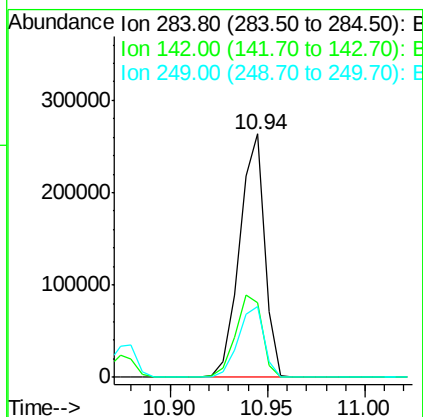
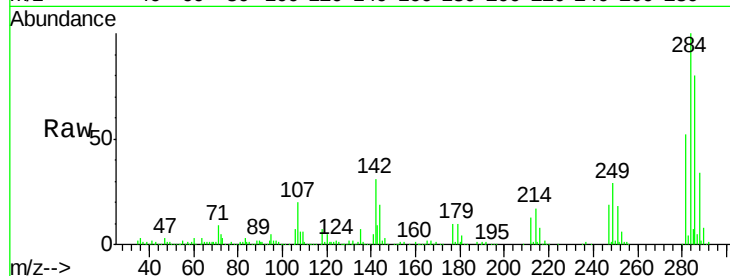




#67
Hexachlorobenzene
Concen: 41.053 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

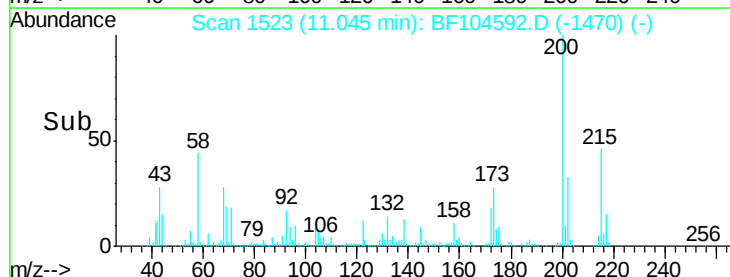
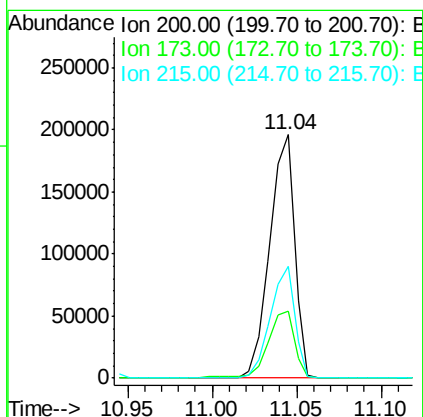
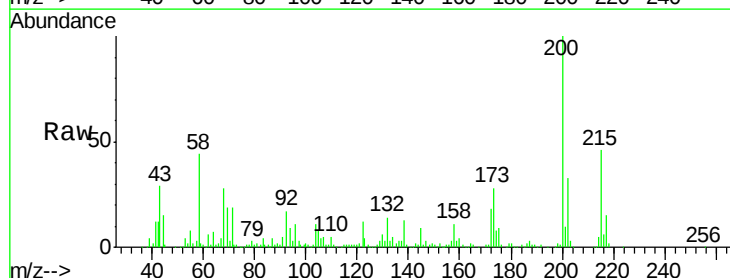
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 234541
Ion Ratio Lower Upper
284 100
142 30.7 34.6 52.0#
249 29.1 24.8 37.2



#68
Atrazine
Concen: 40.386 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:200 Resp: 201757
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 45.9 25.1 65.1

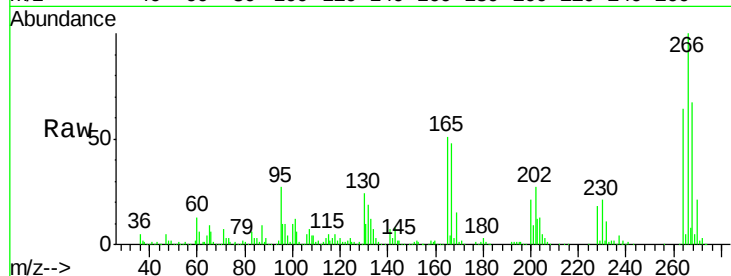




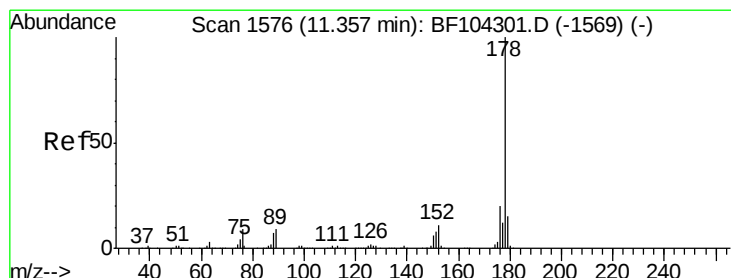
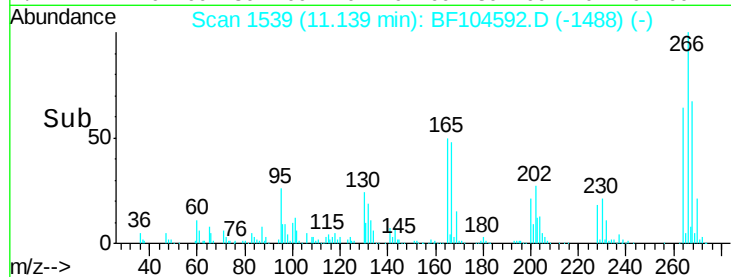
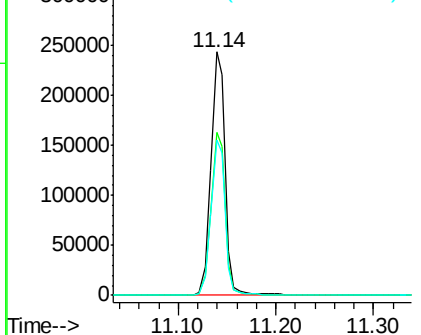
#69
 Pentachlorophenol
 Concen: 69.737 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 246481
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 63.7 49.5 74.3

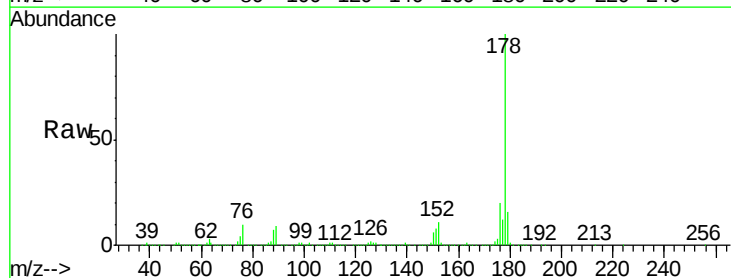


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

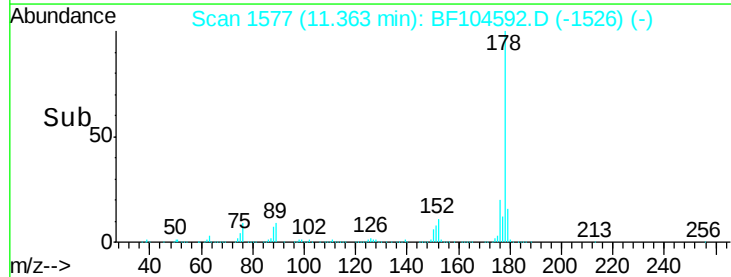
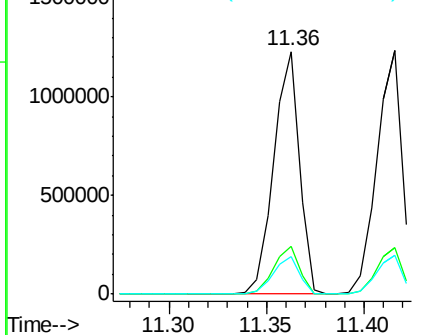


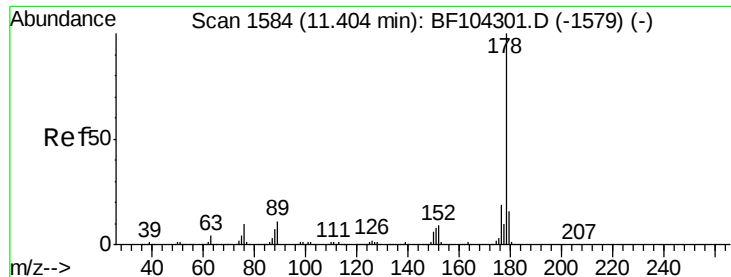
#70
 Phenanthrene
 Concen: 42.234 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:178 Resp: 1122701
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 13.0 19.6



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

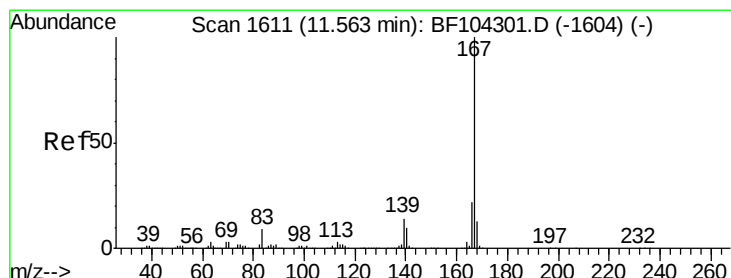
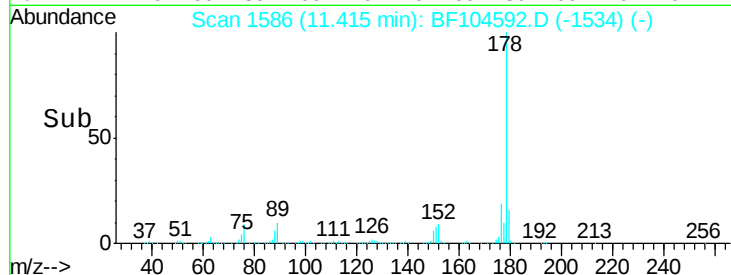
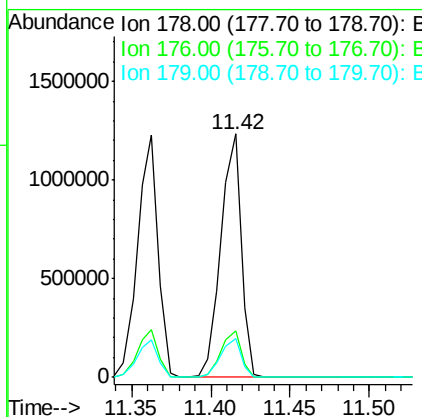
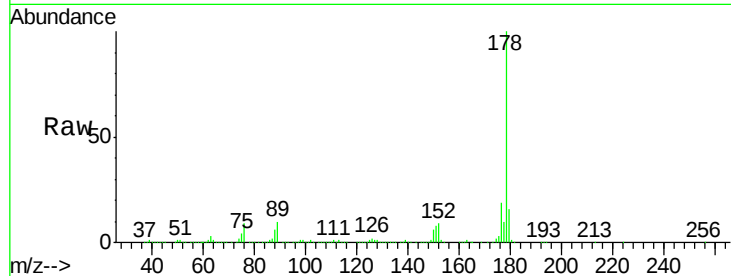




#71
 Anthracene
 Concen: 40.958 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

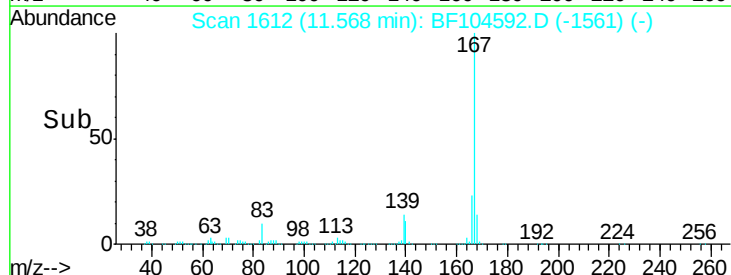
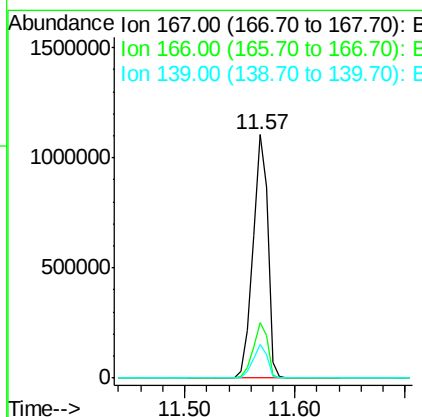
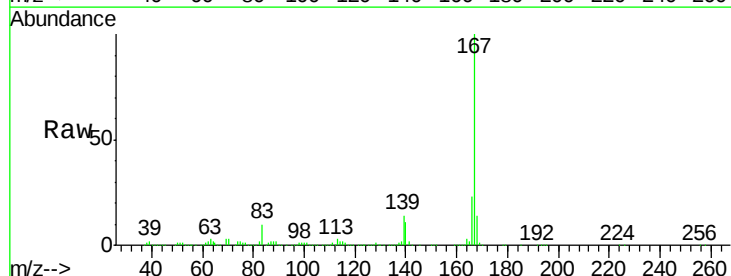
Instrument :
 BNA_F
 ClientSampleId :

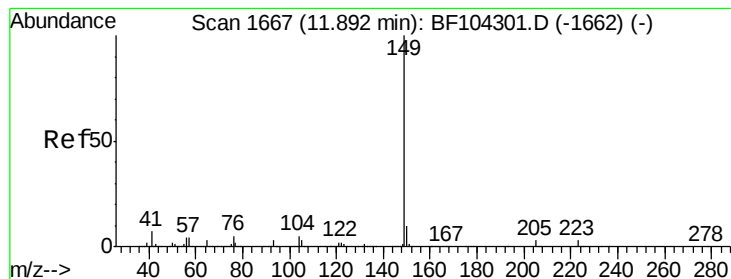
Tot Ion:178 Resp: 1106771
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.561 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion:167 Resp: 1044611
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.171 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

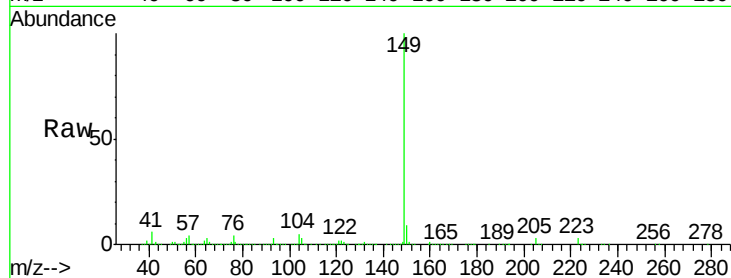
Tot Ion:149 Resp: 1295711

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

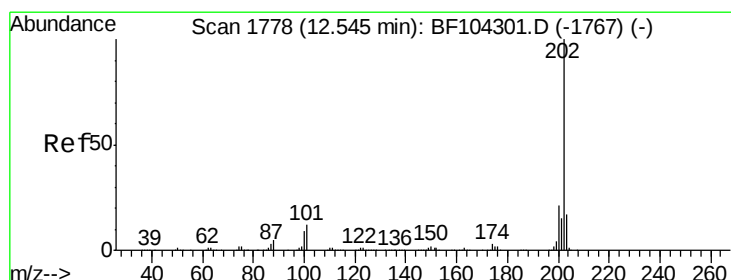
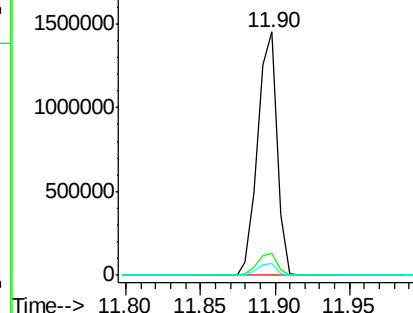
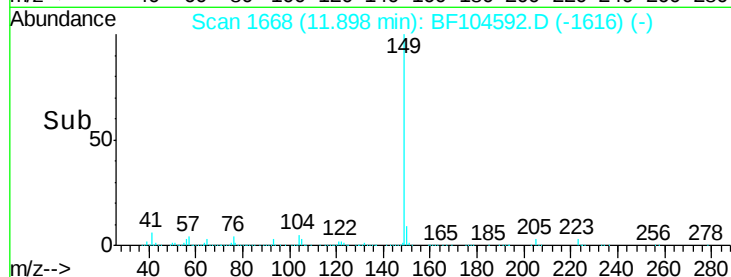
104 4.8 3.8 5.8



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: 40.591 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

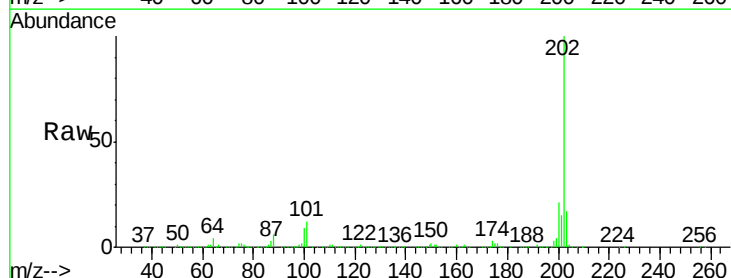
Tgt Ion:202 Resp: 1127374

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

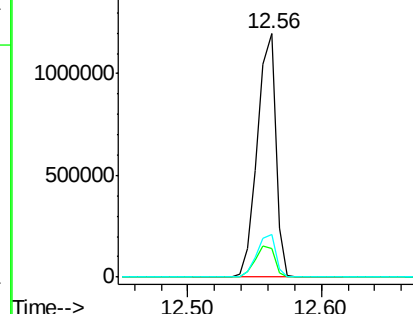
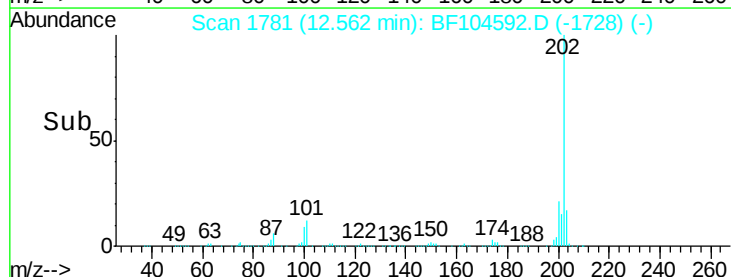
203 17.4 0.0 38.1

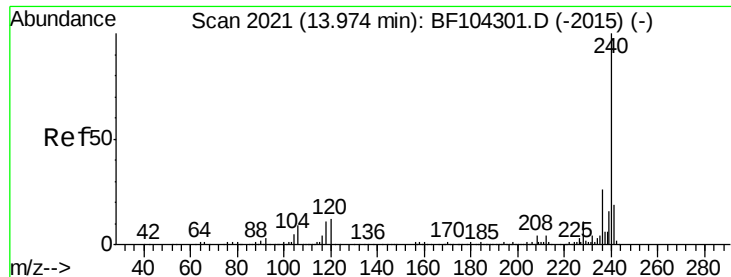


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

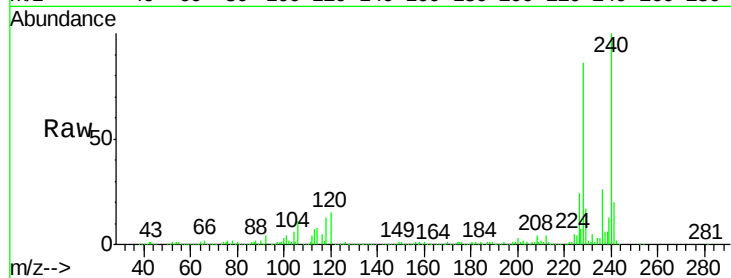
Tot Ion:240 Resp: 342609

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

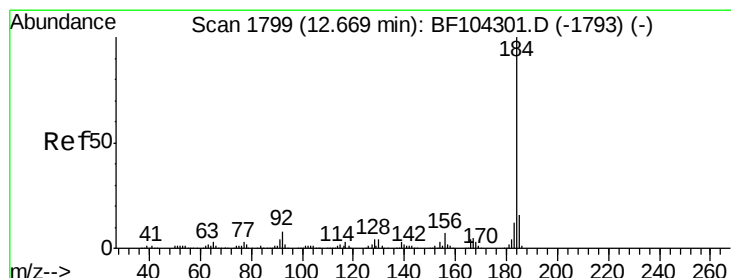
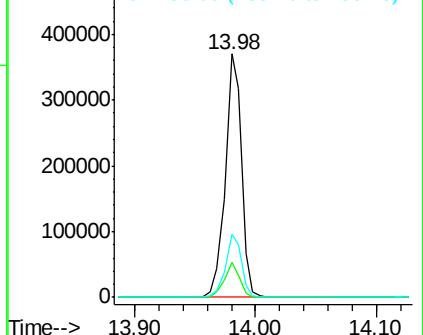
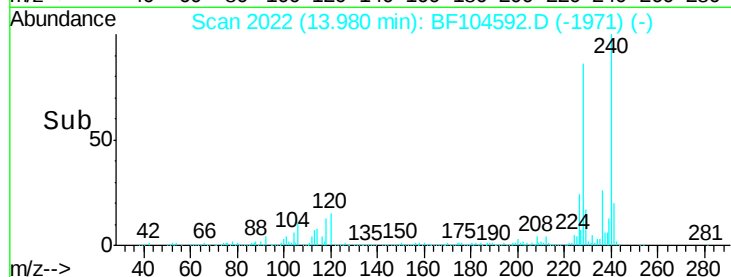
236 26.0 20.7 31.1



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: 16.507 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

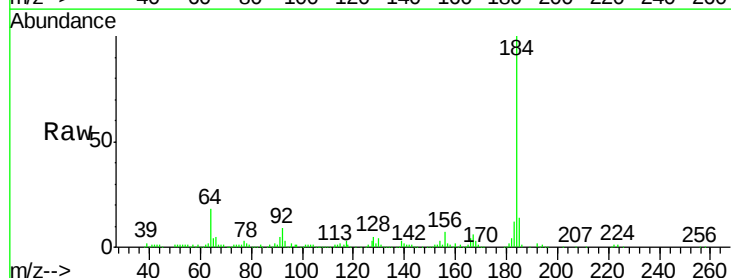
Tgt Ion:184 Resp: 239532

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

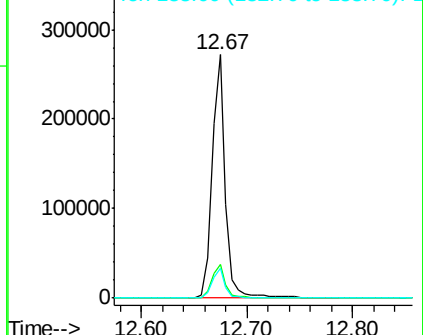
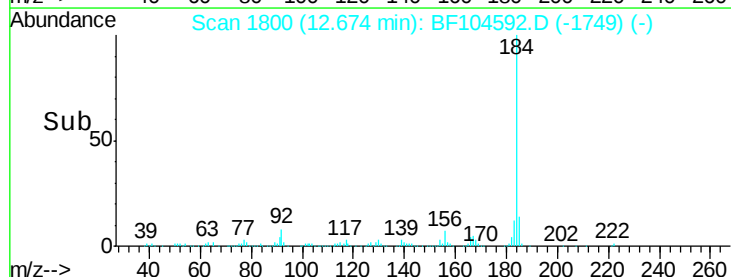
183 12.2 9.3 13.9

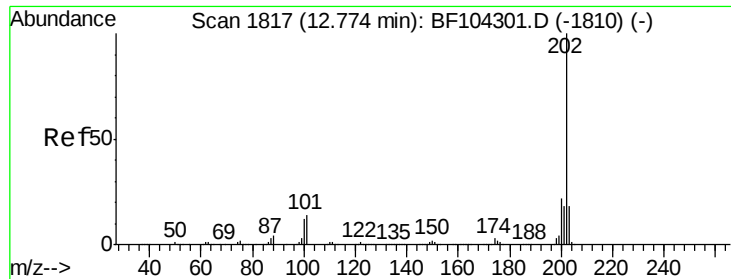


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

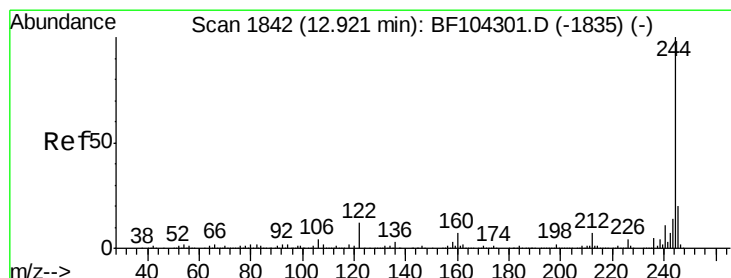
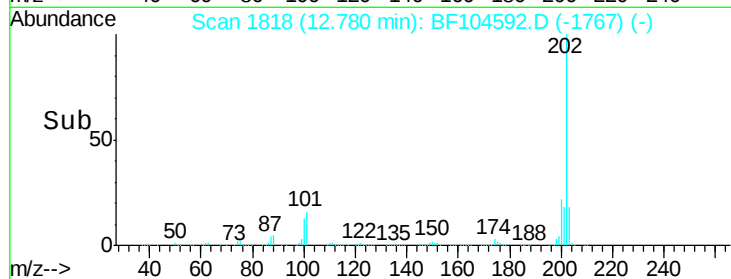
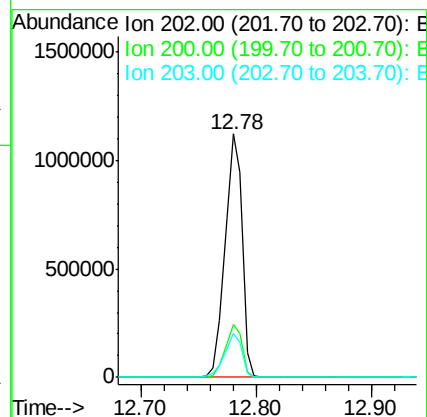
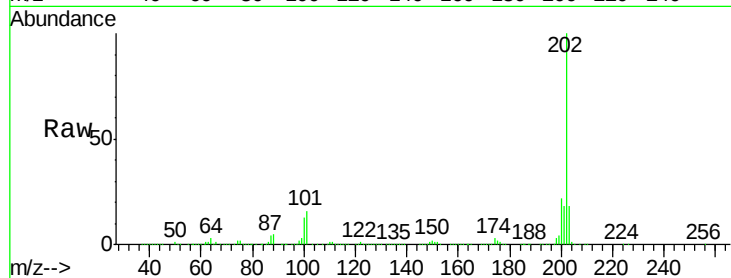




#77
Pvrene
Concen: 45.148 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

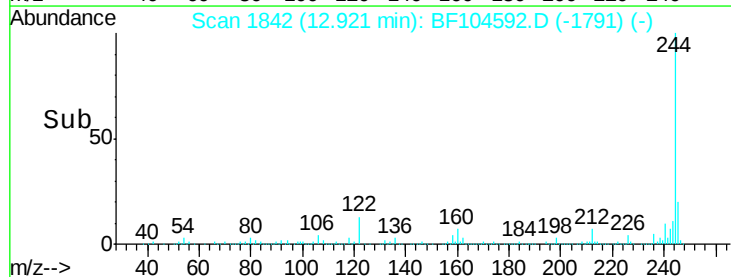
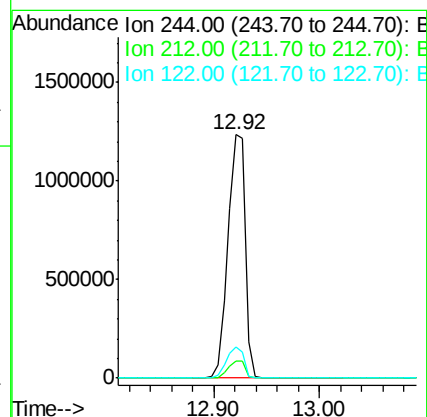
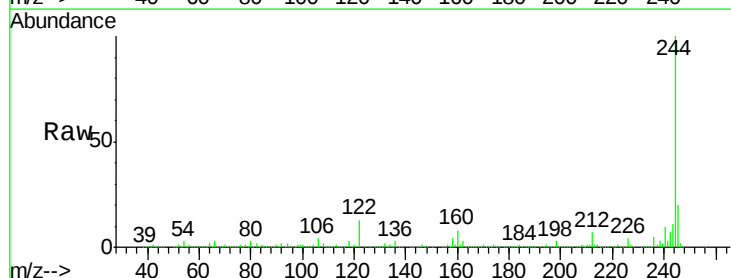
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1146560
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 93.677 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:244 Resp: 1407768
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.7 11.0 16.4

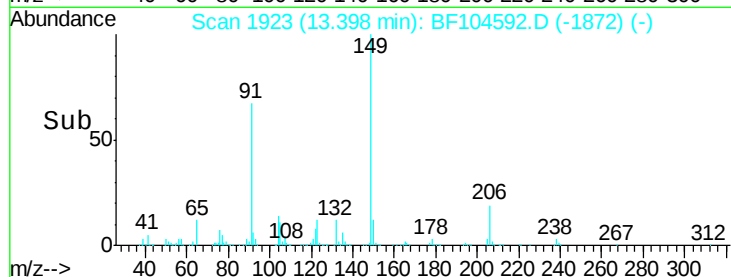
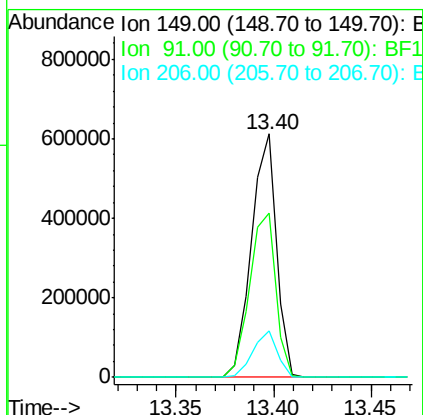
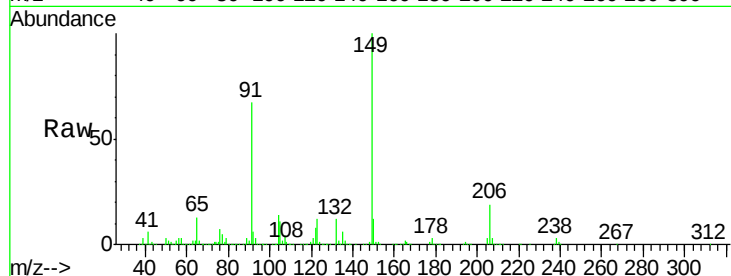




#79
Butylbenzylphthalate
Concen: 45.779 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

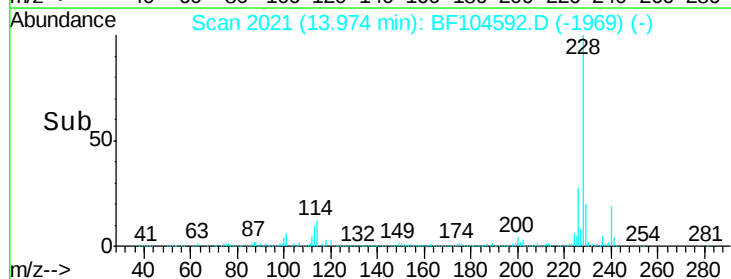
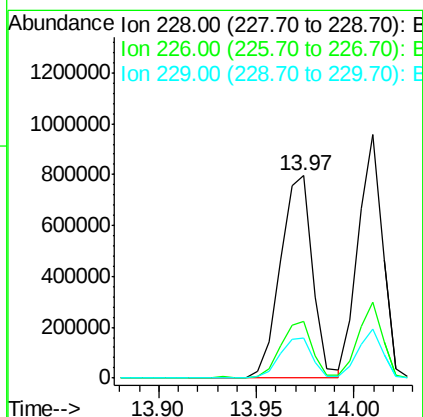
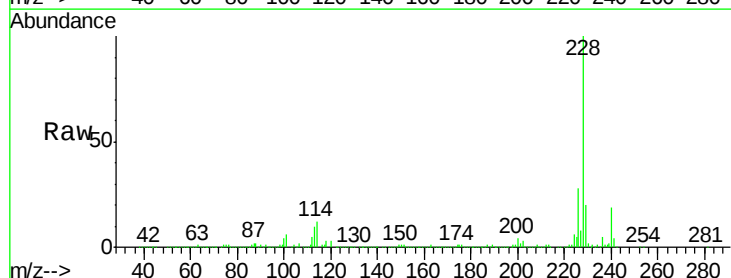
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.477 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 28.048 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

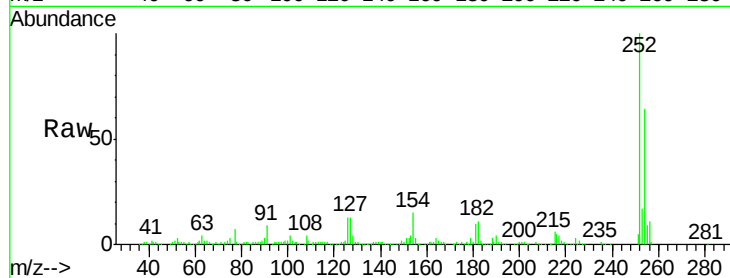
Tot Ion:252 Resp: 214049

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

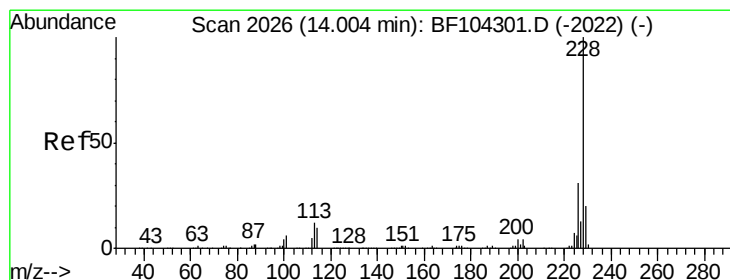
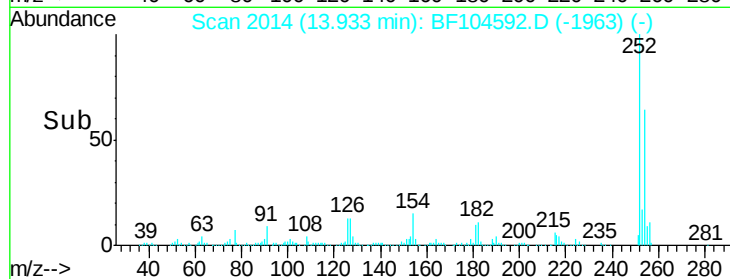
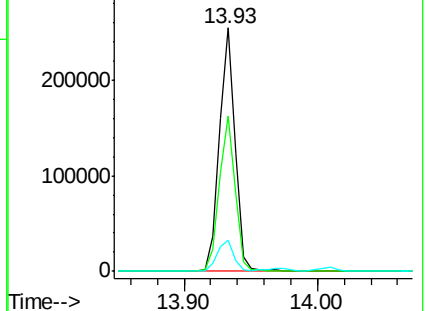
126 13.0 11.3 16.9



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: 39.988 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

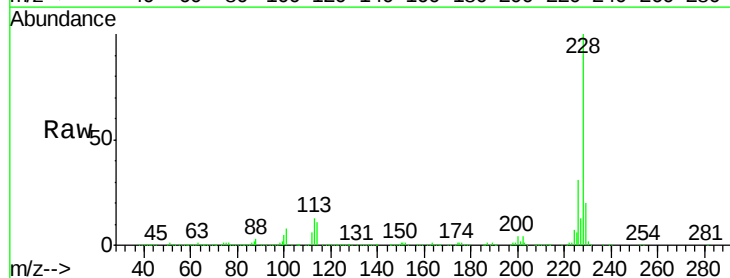
Tgt Ion:228 Resp: 840688

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

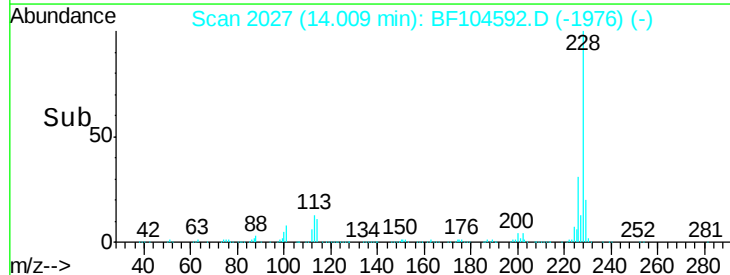
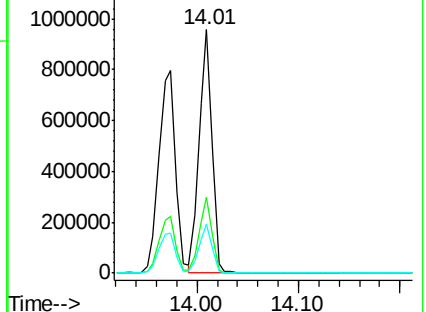
229 20.2 16.2 24.4



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: 48.191 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :

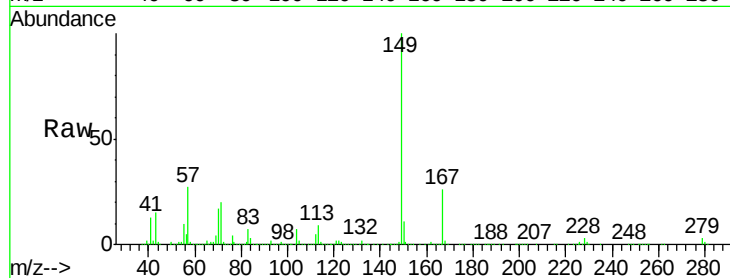
Tot Ion:149 Resp: 741610

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

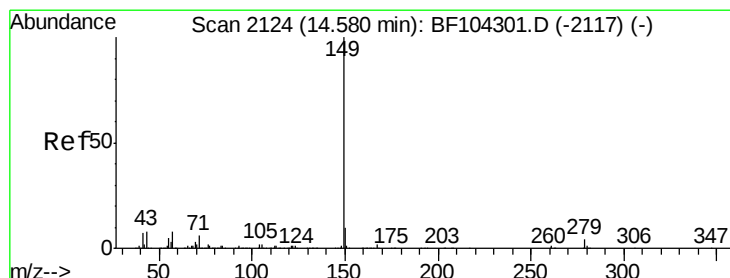
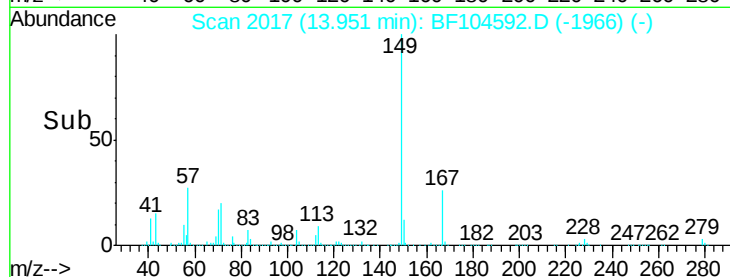
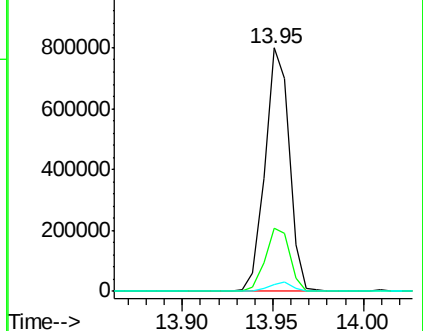
279 3.0 3.0 4.4



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: 45.307 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

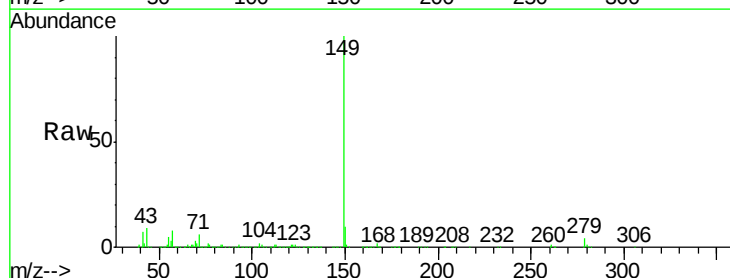
Tgt Ion:149 Resp: 1165004

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

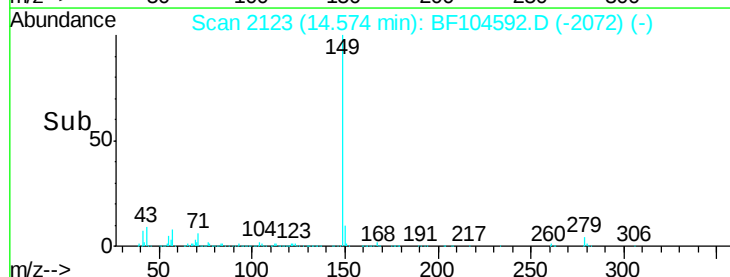
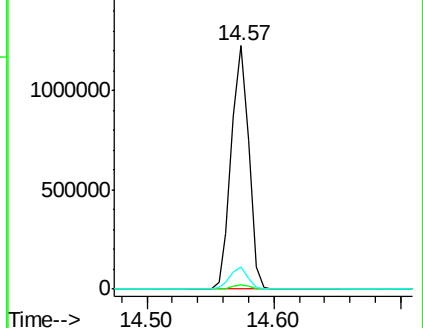
43 8.7 8.4 12.6

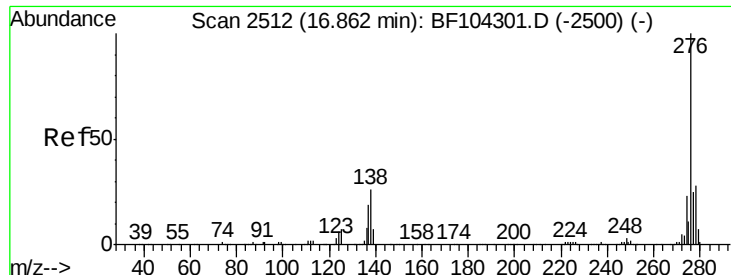


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

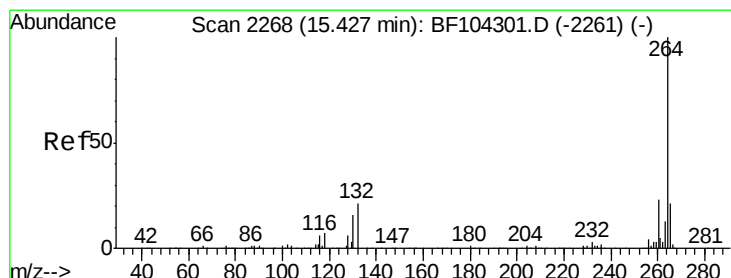
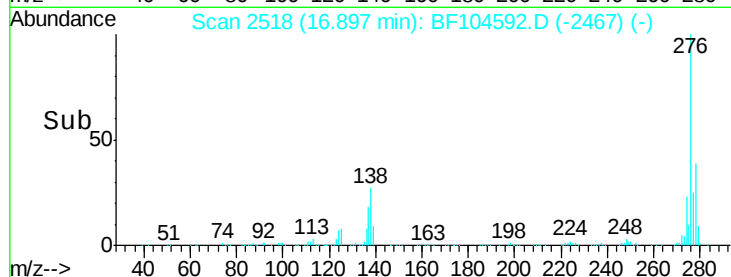
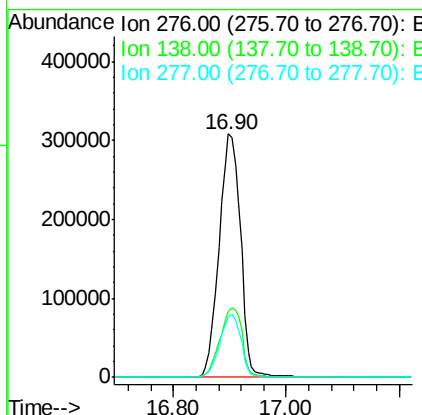
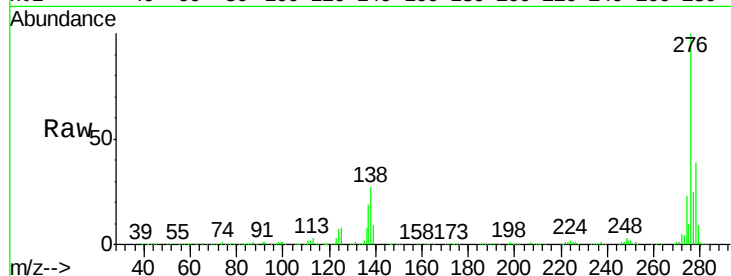




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.752 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

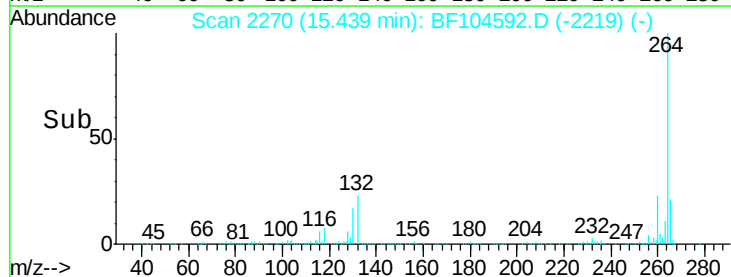
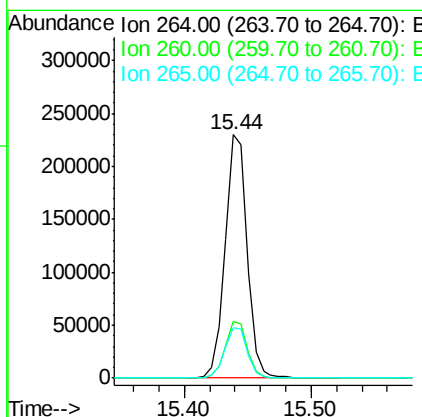
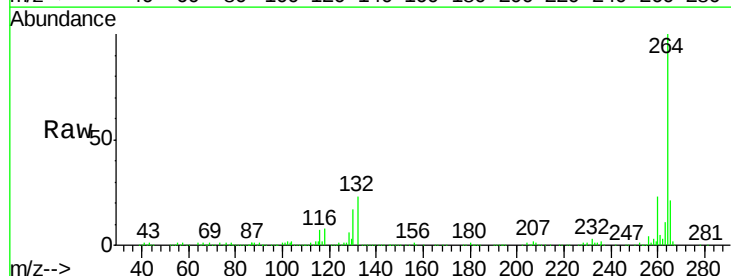
Instrument :
 BNA_F
 ClientSampleId :

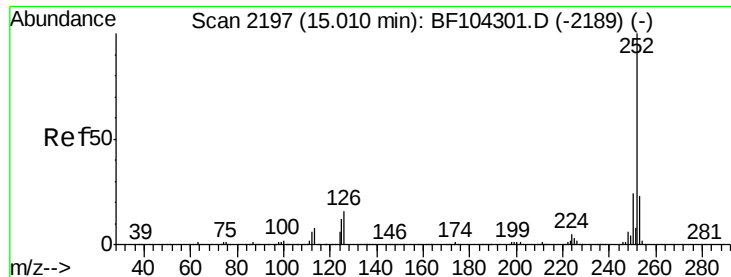
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104592.D
 Acq: 18 Apr 2018 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

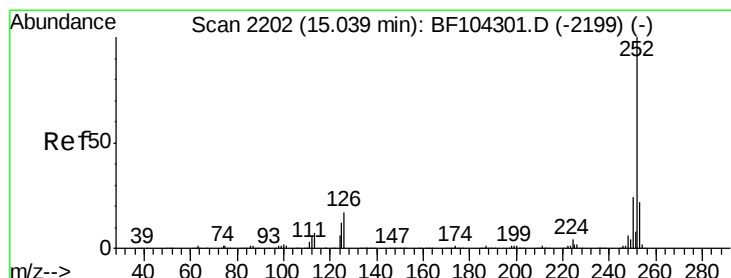
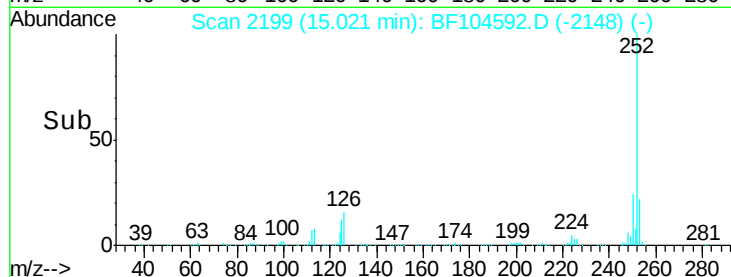
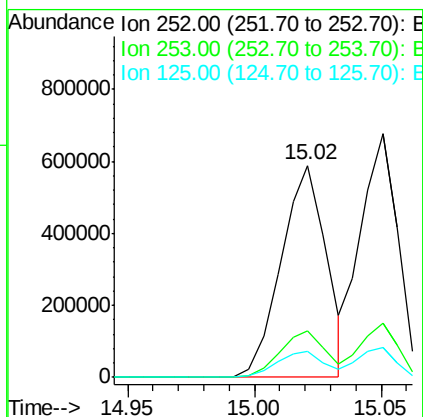
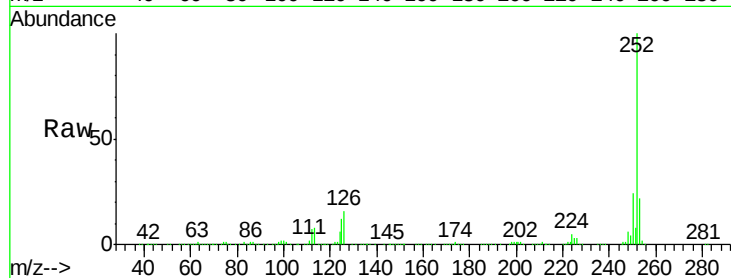




#87
Benzo(b)fluoranthene
Concen: 42.088 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

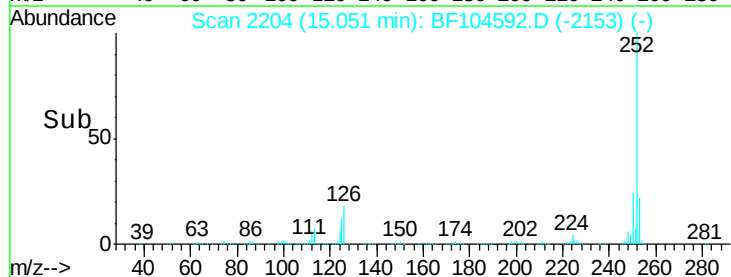
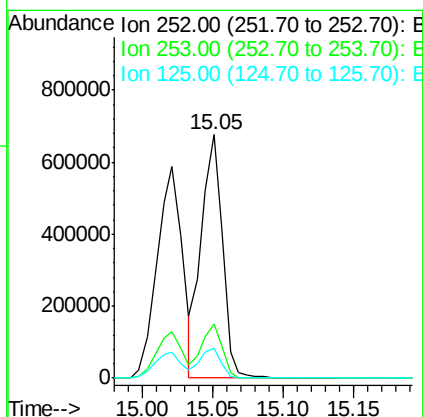
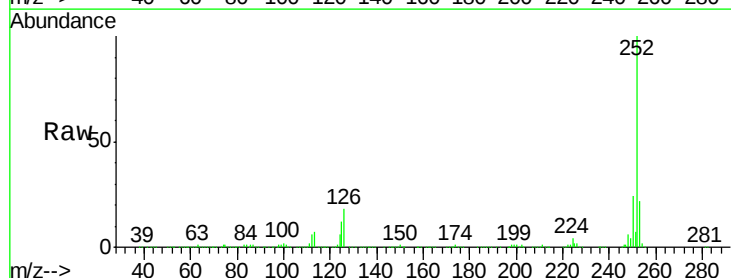
Instrument :
BNA_F
ClientSampleId :

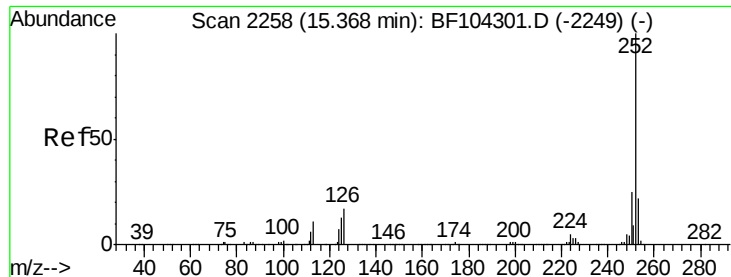
Tot Ion:252 Resp: 731620
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.930 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:252 Resp: 704526
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.3 10.2 15.2

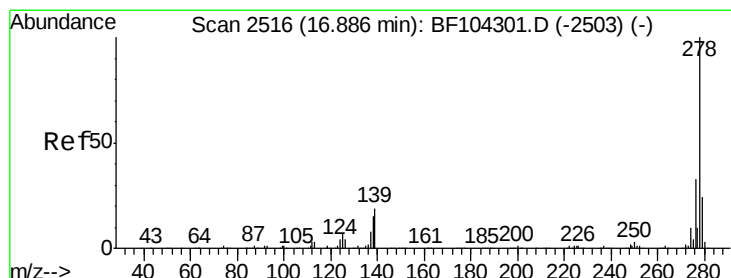
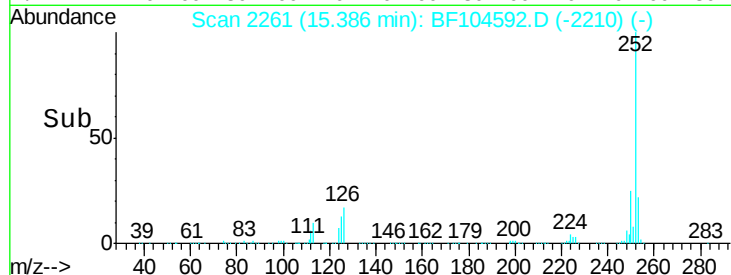
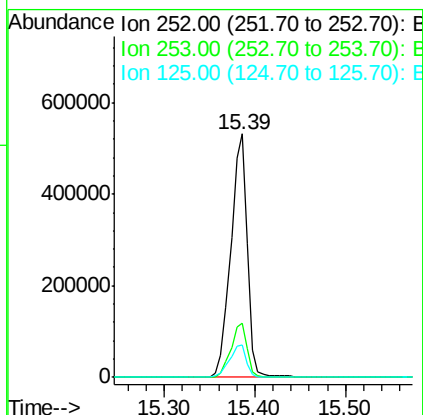
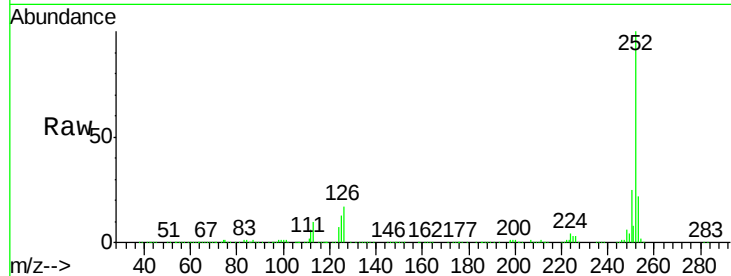




#89
Benzo(a)pyrene
Concen: 43.725 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

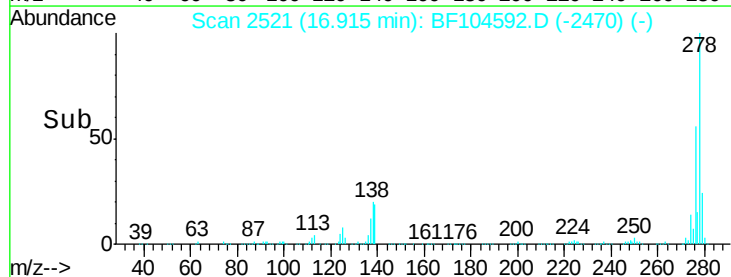
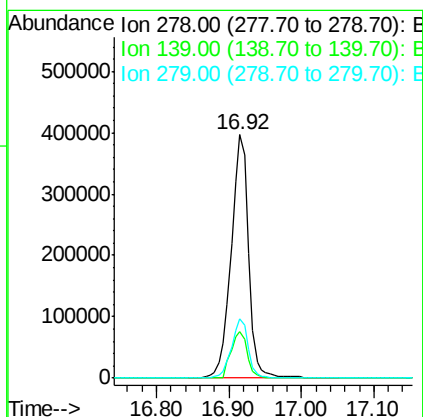
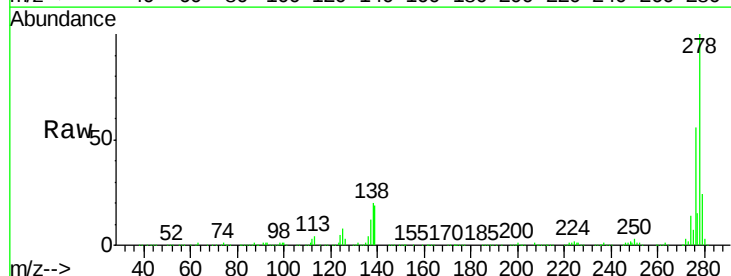
Instrument :
BNA_F
ClientSampleId :

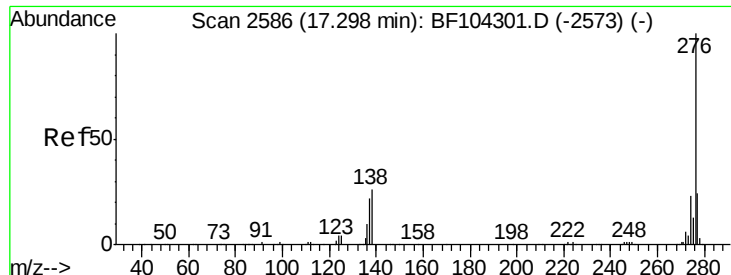
Tot Ion:252 Resp: 680073
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.090 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF104592.D
Acq: 18 Apr 2018 11:06

Tgt Ion:278 Resp: 665412
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 57.154 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.01 min

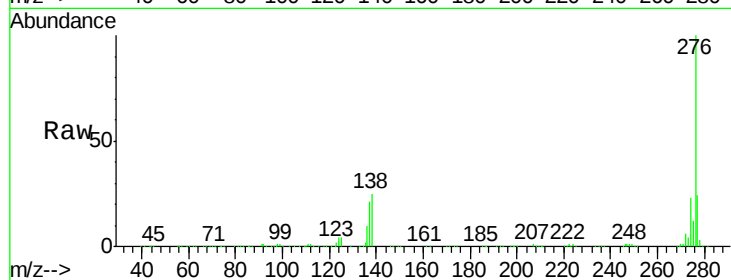
Lab File: BF104592.D

Acq: 18 Apr 2018 11:06

Instrument :

BNA_F

ClientSampleId :



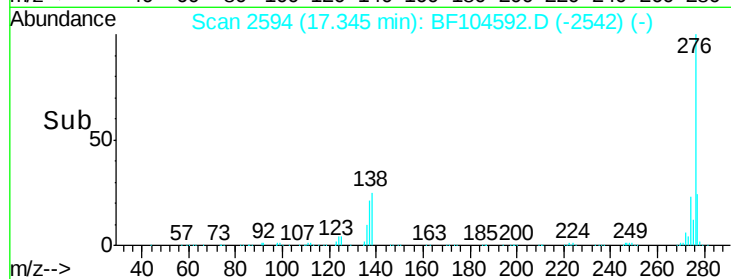
Tot Ion:276 Resp: 707341

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.4 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

17.34

Time-->