

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104687.D
 Acq On : 20 Apr 2018 21:01
 Operator : JU/SJ
 Sample : PB108449BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Quant Time: Apr 21 04:15:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116257	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	441852	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176079	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	289861	20.00	ng	0.00
75) Chrysene-d12	13.98	240	212917	20.00	ng	0.00
86) Perylene-d12	15.44	264	160939	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	644533	84.77	ng	0.01
7) Phenol-d6	6.45	99	769951	82.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	673815	99.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	158050	86.53	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1101419	98.82	ng	0.00
78) Terphenyl-d14	12.92	244	977567	104.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	130661	36.881	ng	88
3) Pyridine	3.32	79	374807	37.629	ng	86
4) n-Nitrosodimethylamine	3.28	42	145610	41.819	ng	# 76
6) Aniline	6.47	93	248592	19.154	ng	# 88
8) 2-Chlorophenol	6.59	128	345825	43.094	ng	96
9) Benzaldehyde	6.36	77	177503	36.488	ng	96
10) Phenol	6.46	94	410203	41.384	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	328076	41.477	ng	93
12) 1,3-Dichlorobenzene	6.75	146	360659	39.671	ng	99
13) 1,4-Dichlorobenzene	6.82	146	368693	40.683	ng	99
14) 1,2-Dichlorobenzene	6.97	146	342503	40.783	ng	99
15) Benzyl Alcohol	6.95	79	269336	37.959	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	401550	37.801	ng	84
17) 2-Methylphenol	7.07	107	279695	40.096	ng	95
18) Hexachloroethane	7.32	117	100382	31.067	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	221454	36.277	ng	93
20) 3+4-Methylphenols	7.22	107	332360	38.416	ng	# 73
22) Acetophenone	7.22	105	445880	40.989	ng	99
24) Nitrobenzene	7.39	77	340995	45.643	ng	99
25) Isophorone	7.63	82	614865	42.970	ng	99
26) 2-Nitrophenol	7.70	139	134157	44.110	ng	98
27) 2,4-Dimethylphenol	7.75	122	291169	46.107	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	404074	46.186	ng	98
29) 2,4-Dichlorophenol	7.95	162	267834	44.450	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	278055	42.048	ng	99
31) Naphthalene	8.12	128	926218	42.097	ng	100
32) Benzoic acid	7.89	122	37474	7.437	ng	92
33) 4-Chloroaniline	8.16	127	127122	13.486	ng	96
34) Hexachlorobutadiene	8.22	225	151129	41.724	ng	98
35) Caprolactam	8.54	113	84063	39.992	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	273580	42.344	ng	99
37) 2-Methylnaphthalene	8.80	142	585669	41.152	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245844	48.775	ng	98
40) Hexachlorocyclopentadiene	8.95	237	20885	7.401	ng	99

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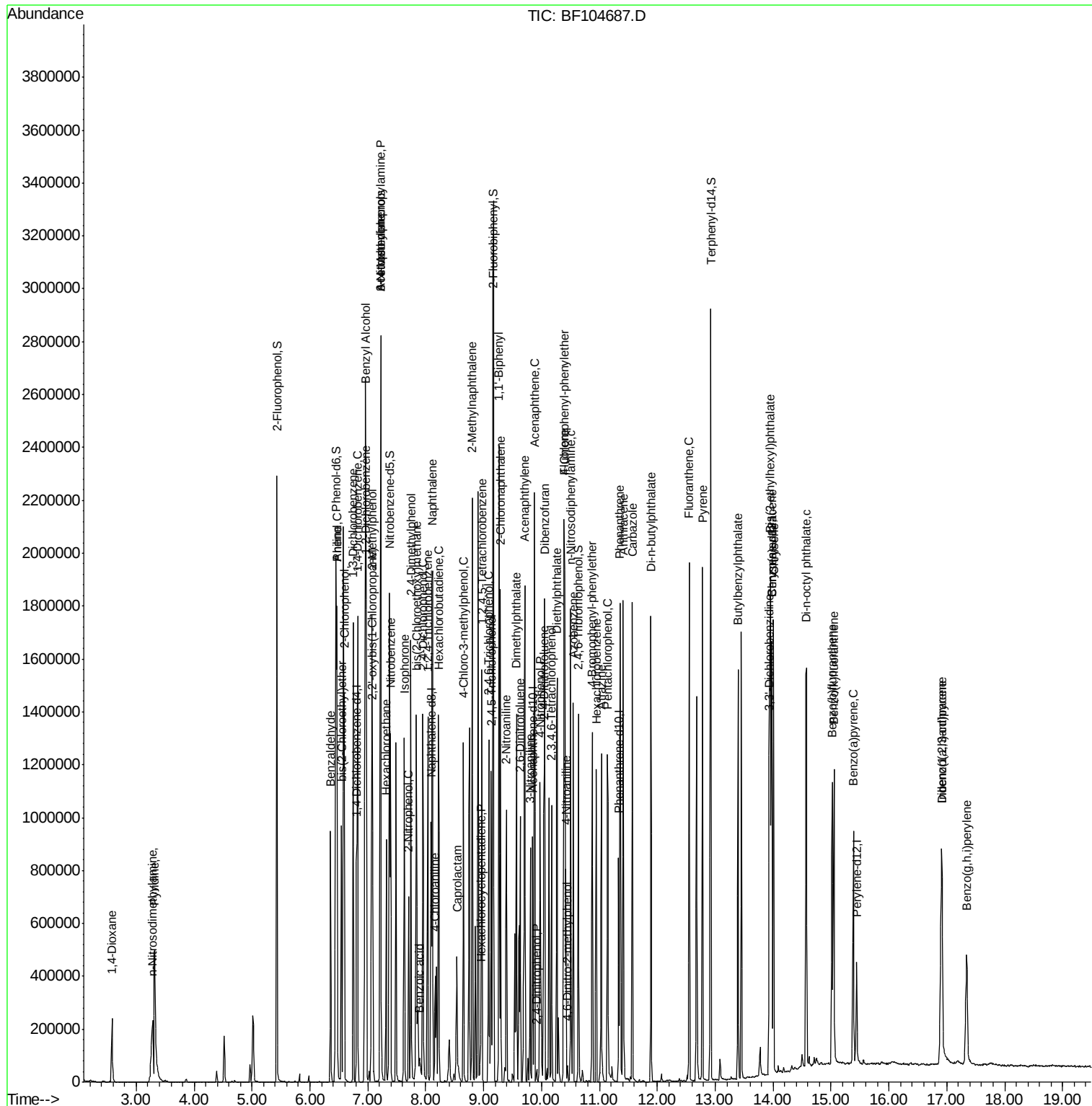
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	166647	47.628	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	172015	43.932	ng	98
45) 1,1'-Biphenyl	9.27	154	670145	45.305	ng	99
46) 2-Chloronaphthalene	9.29	162	517252	44.271	ng	99
47) 2-Nitroaniline	9.39	65	170593	59.041	ng	98
48) Acenaphthylene	9.71	152	762376	41.589	ng	100
49) Dimethylphthalate	9.57	163	634852	45.721	ng	100
50) 2,6-Dinitrotoluene	9.63	165	117193	45.613	ng	96
51) Acenaphthene	9.88	154	437157	39.086	ng	99
52) 3-Nitroaniline	9.80	138	137685	45.775	ng	99
53) 2,4-Dinitrophenol	9.92	184	7394	14.944	ng	# 22
54) Dibenzofuran	10.05	168	662113	42.479	ng	98
55) 4-Nitrophenol	9.97	139	194266	82.219	ng	96
56) 2,4-Dinitrotoluene	10.04	165	140466	41.679	ng	95
57) Fluorene	10.40	166	503213	44.354	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126392	43.269	ng	95
59) Diethylphthalate	10.27	149	588851	42.582	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	235404	46.591	ng	96
61) 4-Nitroaniline	10.42	138	148369	50.448	ng	95
62) Azobenzene	10.55	77	516134	39.066	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	7332	11.746	ng	75
65) n-Nitrosodiphenylamine	10.50	169	454294	45.202	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	143519	46.549	ng	96
67) Hexachlorobenzene	10.95	284	154280	44.471	ng	# 90
68) Atrazine	11.03	200	133843	44.120	ng	100
69) Pentachlorophenol	11.15	266	142334	66.318	ng	97
70) Phenanthrene	11.36	178	700456	43.393	ng	99
71) Anthracene	11.41	178	729899	44.482	ng	100
72) Carbazole	11.57	167	675105	42.104	ng	99
73) Di-n-butylphthalate	11.89	149	848232	43.307	ng	99
74) Fluoranthene	12.55	202	742967	44.053	ng	99
76) Benzidine	12.68	184	641716	Below	Cal	97
77) Pyrene	12.78	202	738290	46.780	ng	100
79) Butylbenzylphthalate	13.39	149	366266	49.261	ng	97
80) Benzo(a)anthracene	13.97	228	594310	46.723	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	227919	48.057	ng	97
82) Chrysene	14.01	228	564336	43.194	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	494355	51.692	ng	100
84) Di-n-octyl phthalate	14.57	149	806896	50.495	ng	95
85) Indeno(1,2,3-cd)pyrene	16.91	276	444194	40.022	ng	97
87) Benzo(b)fluoranthene	15.02	252	454811	44.744	ng	98
88) Benzo(k)fluoranthene	15.05	252	460391	47.976	ng	99
89) Benzo(a)pyrene	15.39	252	421014	46.292	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	376089	50.349	ng	97
91) Benzo(g,h,i)perylene	17.34	276	365041	50.443	ng	97

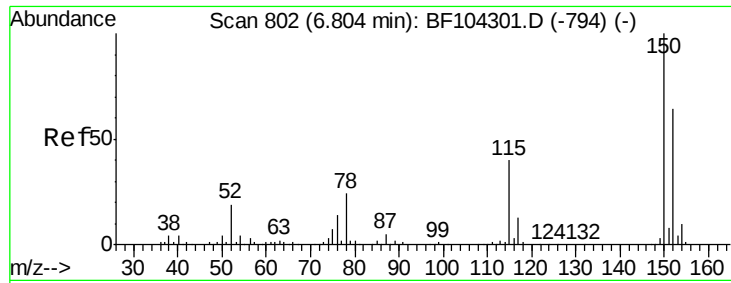
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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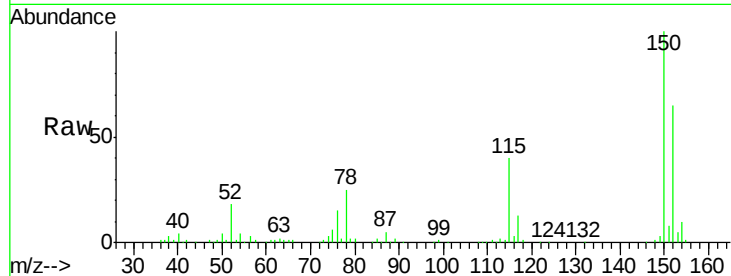


#1

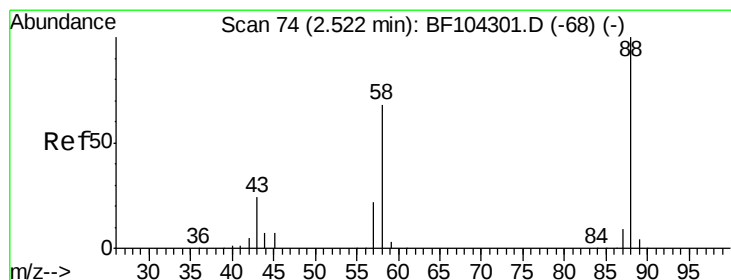
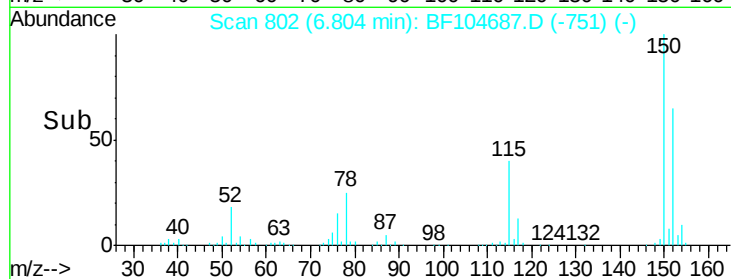
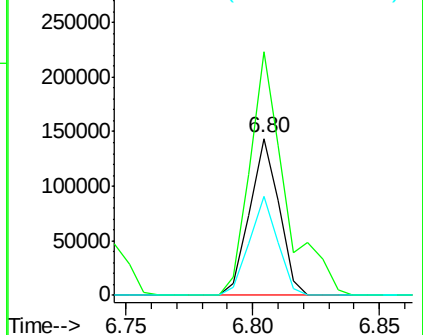
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.7	50.1	75.1



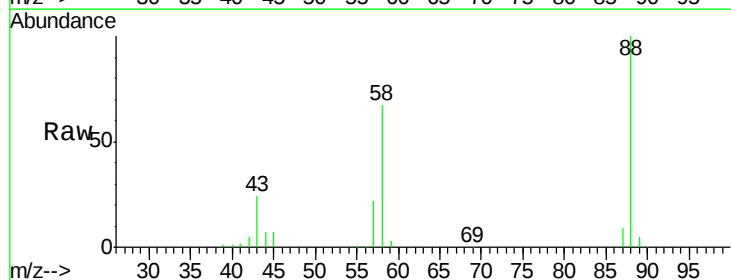
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



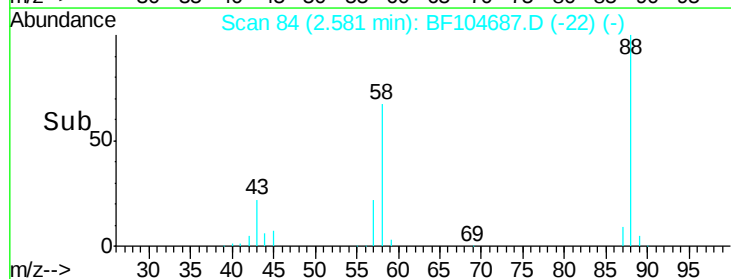
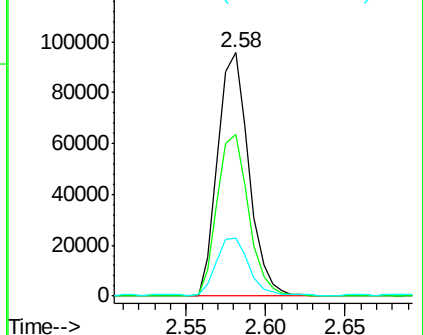
#2

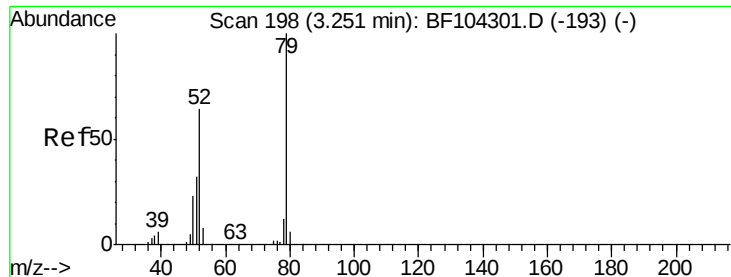
1,4-Dioxane
 Concen: 36.881 ng
 RT: 2.58 min Scan# 84
 Delta R.T. 0.06 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	62.6	93.8
43	24.8	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: 37.629 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

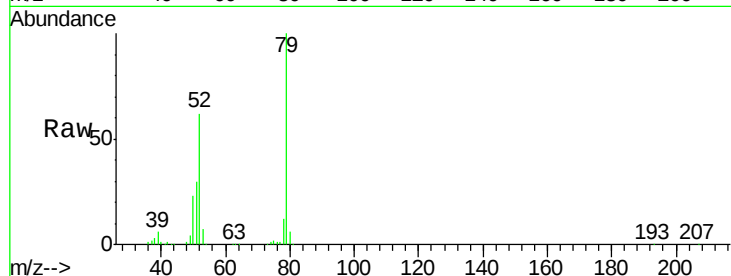
Tot Ion: 79 Resp: 374807

Ion Ratio Lower Upper

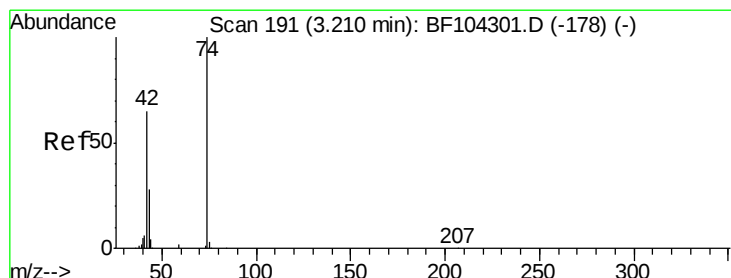
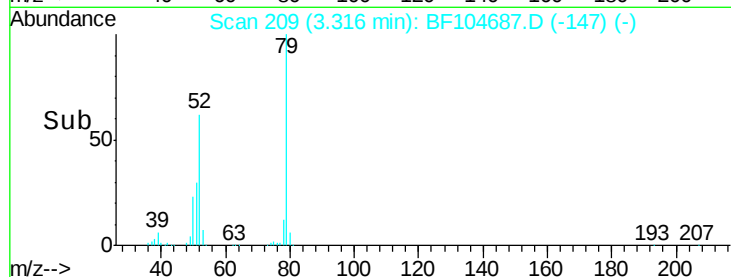
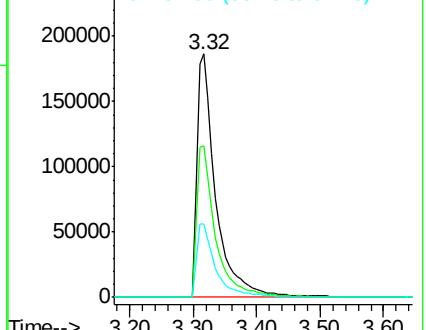
79 100

52 62.0 59.8 89.6

51 29.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 41.819 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

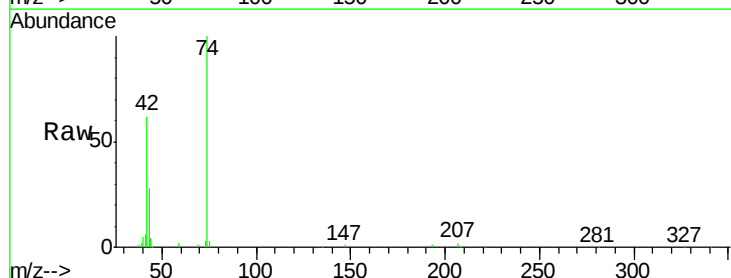
Tgt Ion: 42 Resp: 145610

Ion Ratio Lower Upper

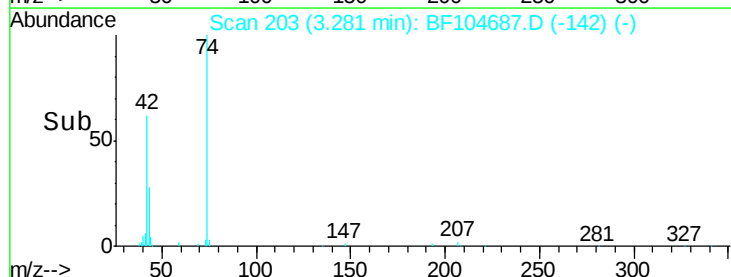
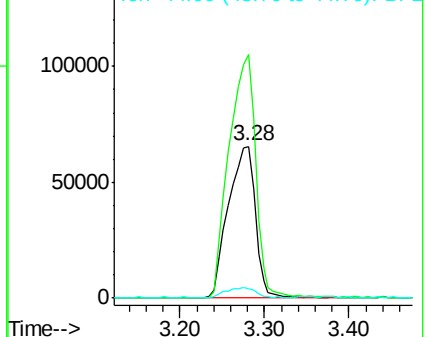
42 100

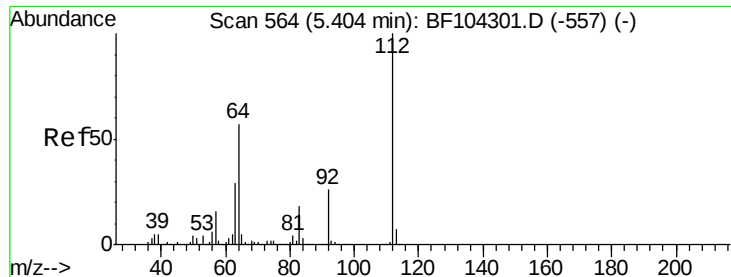
74 160.1 104.9 157.3#

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 84.771 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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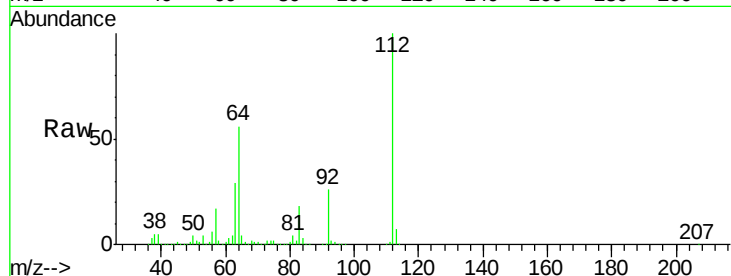
Tot Ion:112 Resp: 644533

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

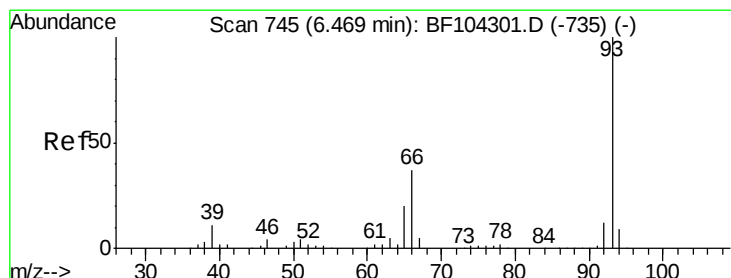
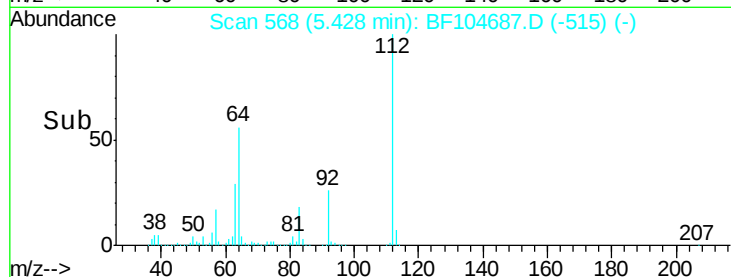
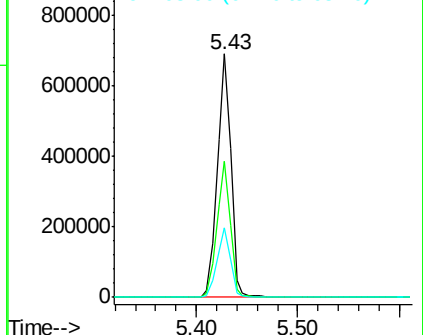
63 28.5 23.7 35.5



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: 19.154 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

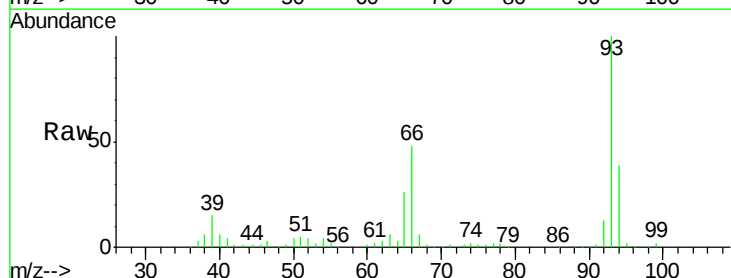
Tgt Ion: 93 Resp: 248592

Ion Ratio Lower Upper

93 100

66 48.3 32.2 48.2#

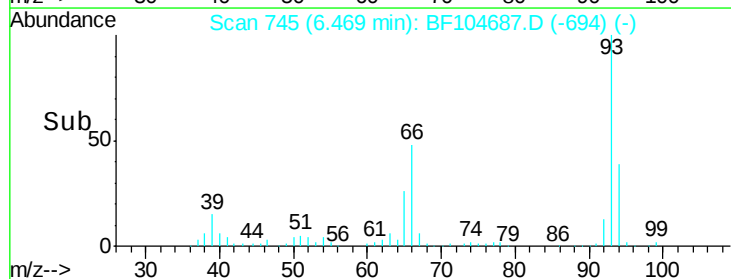
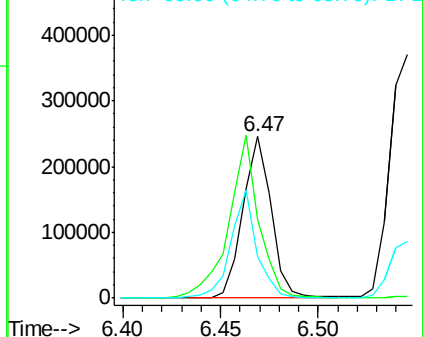
65 25.6 16.4 24.6#



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: 82.420 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104687.D

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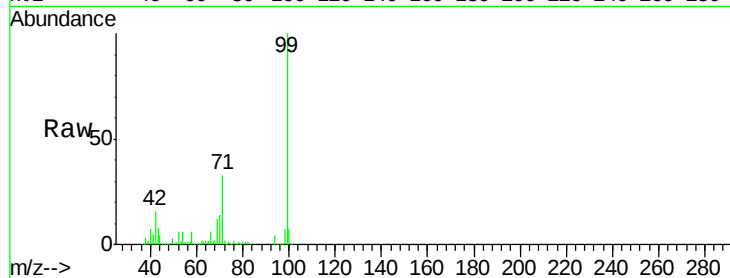
Tot Ion: 99 Resp: 769951

Ion Ratio Lower Upper

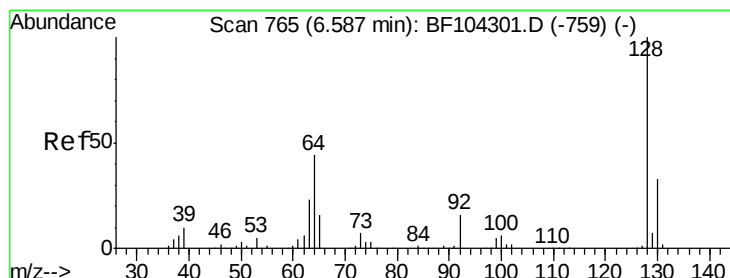
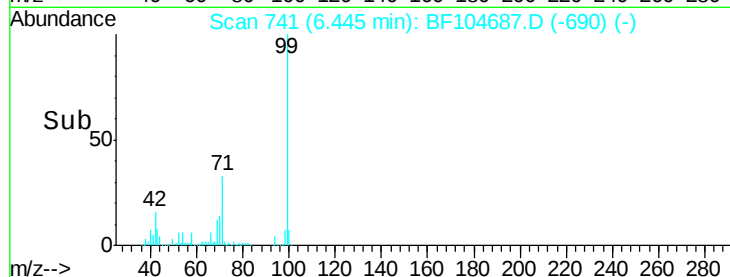
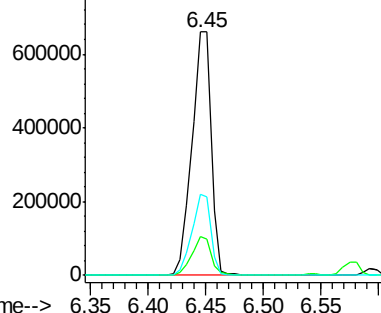
99 100

42 15.8 14.5 21.7

71 33.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.094 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

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Acq: 20 Apr 2018 21:01

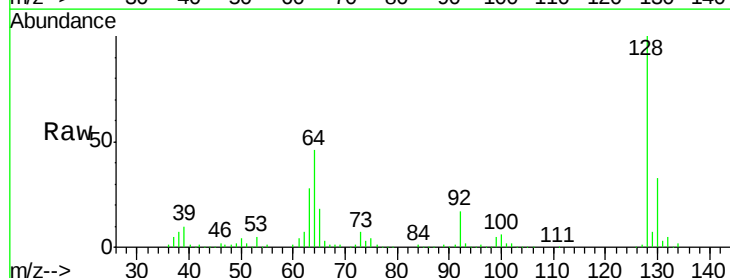
Tgt Ion: 128 Resp: 345825

Ion Ratio Lower Upper

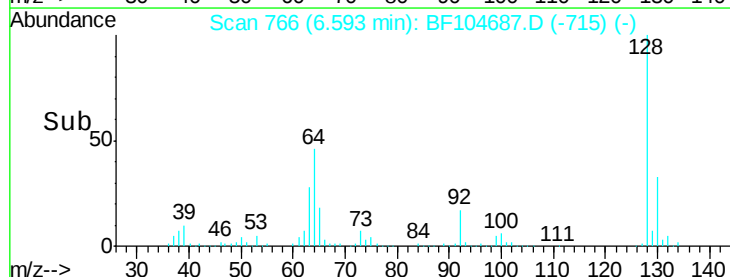
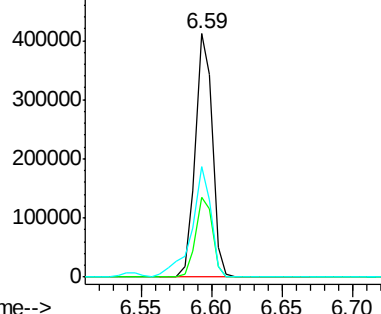
128 100

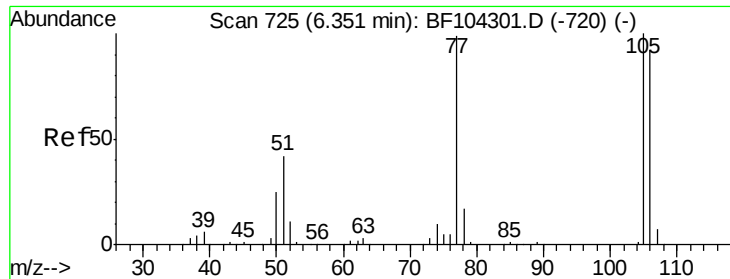
130 32.7 13.0 53.0

64 45.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 36.488 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

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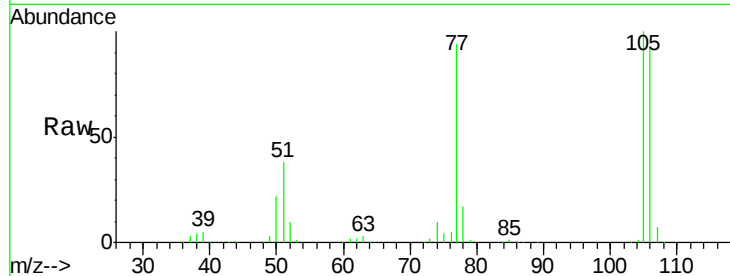
Tot Ion: 77 Resp: 177503

Ion Ratio Lower Upper

77 100

105 106.0 81.1 121.1

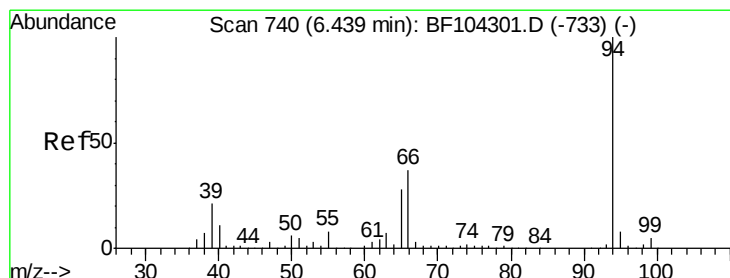
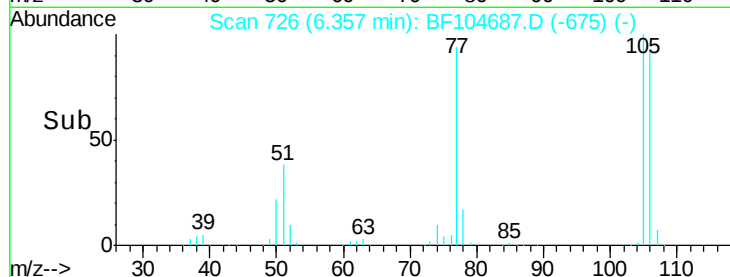
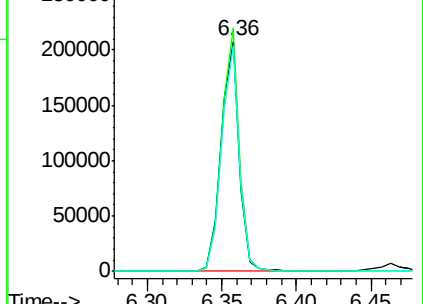
106 98.3 74.5 114.5



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: 41.384 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

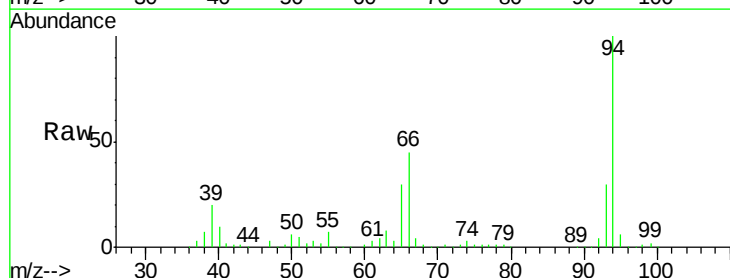
Tgt Ion: 94 Resp: 410203

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

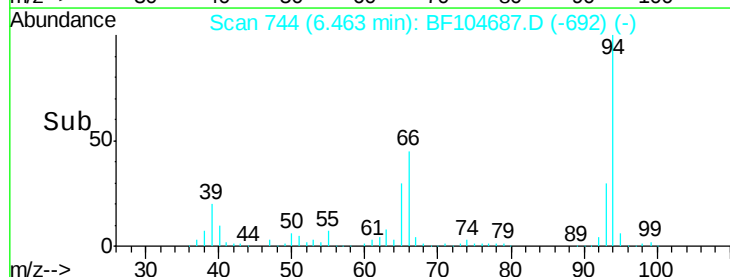
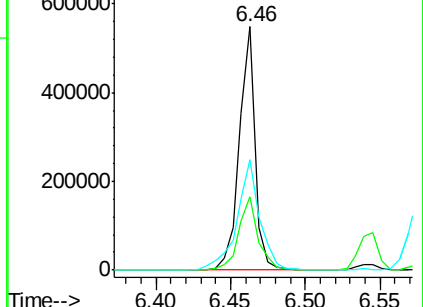
66 45.1 16.2 56.2



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: 41.477 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

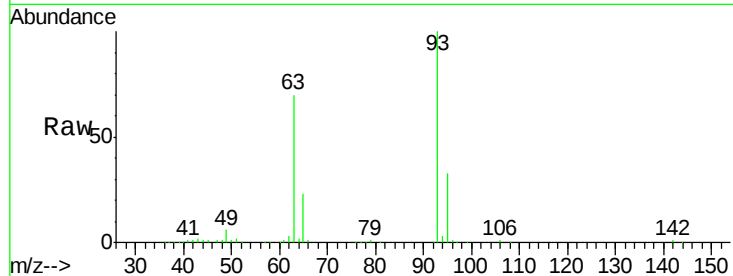
Tot Ion: 93 Resp: 328076

Ion Ratio Lower Upper

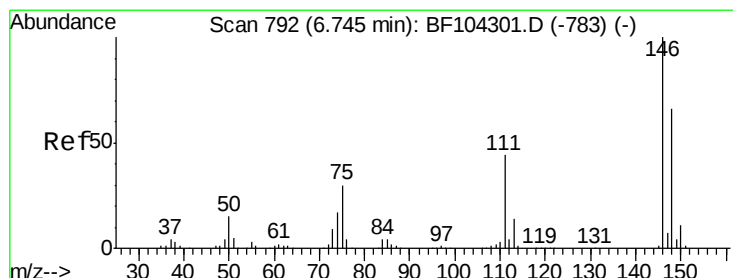
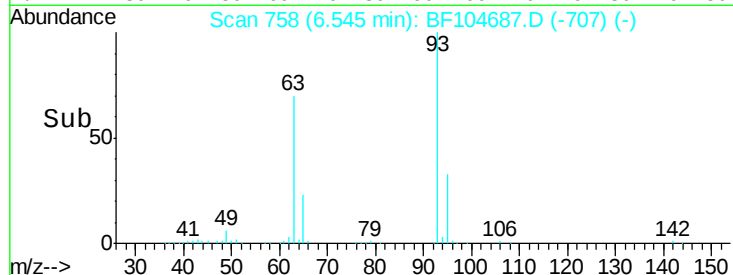
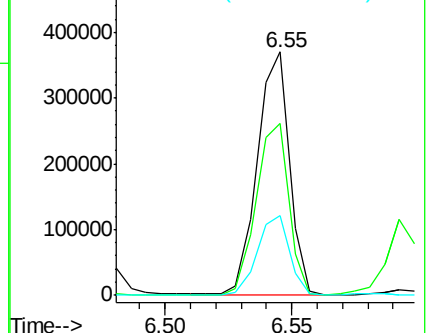
93 100

63 70.5 58.6 98.6

95 32.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.671 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

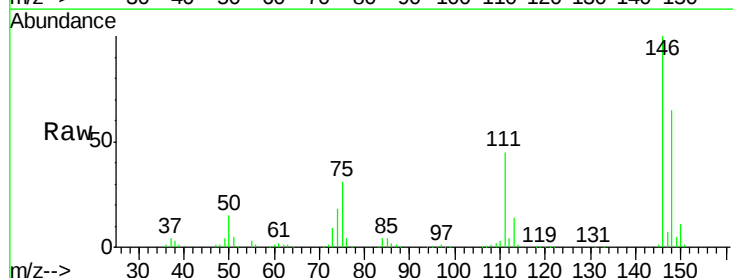
Tgt Ion: 146 Resp: 360659

Ion Ratio Lower Upper

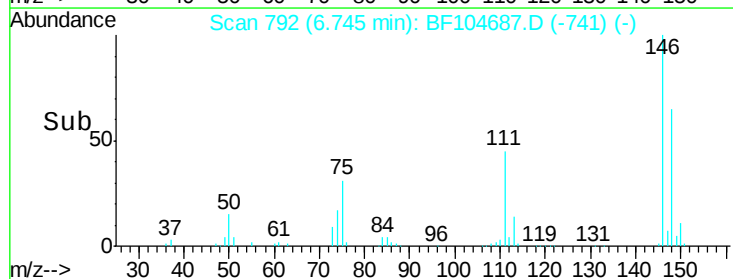
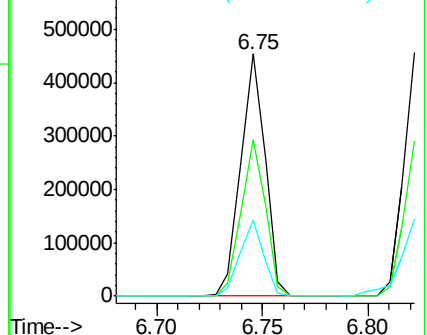
146 100

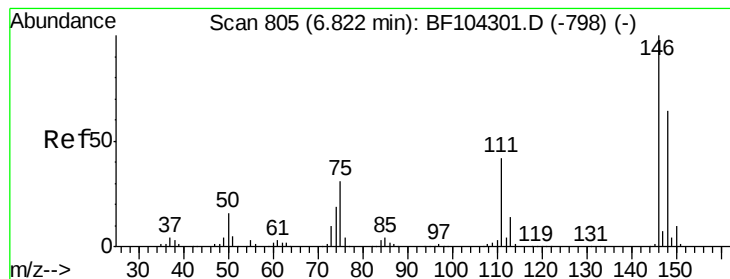
148 64.6 51.8 77.8

75 31.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.683 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

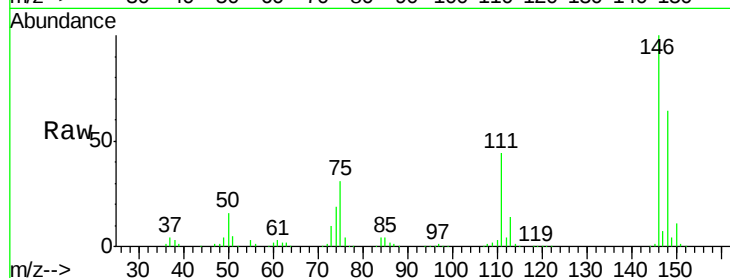
Tot Ion:146 Resp: 368693

Ion Ratio Lower Upper

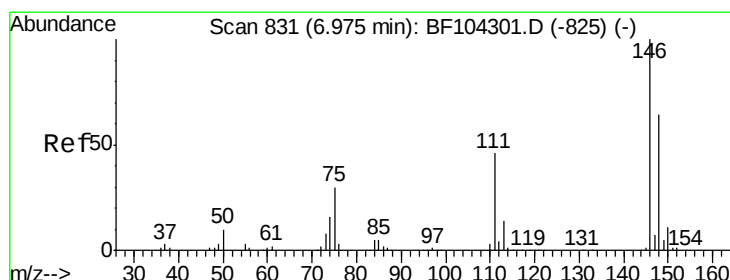
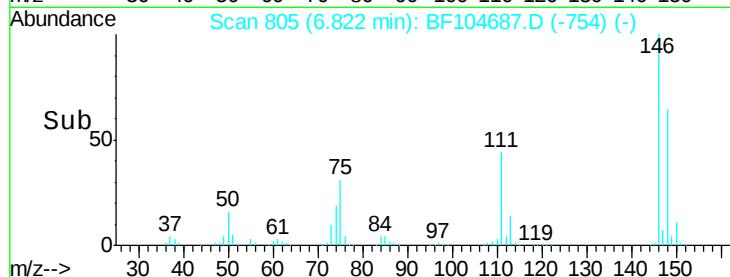
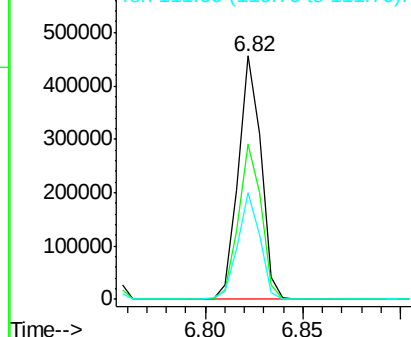
146 100

148 63.9 50.8 76.2

111 43.8 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: 40.783 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

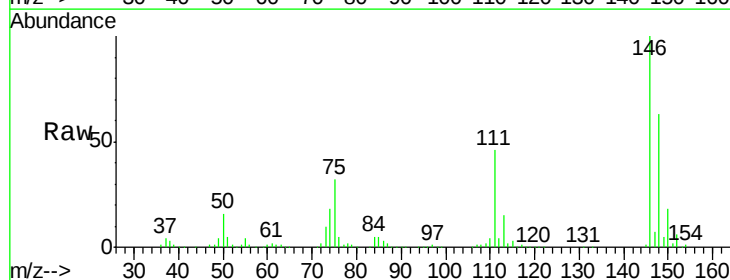
Tgt Ion:146 Resp: 342503

Ion Ratio Lower Upper

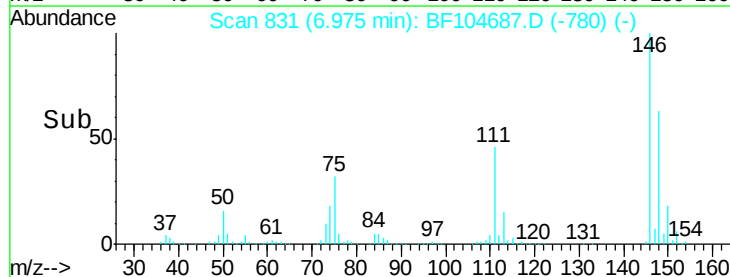
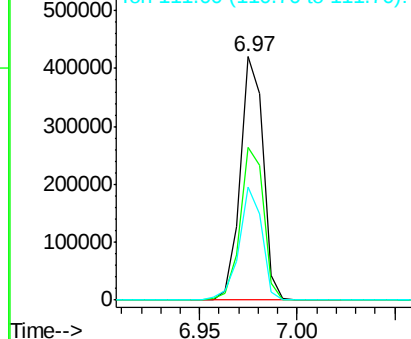
146 100

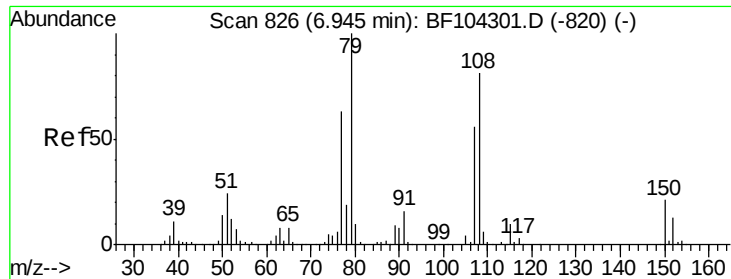
148 62.9 50.6 75.8

111 46.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.959 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

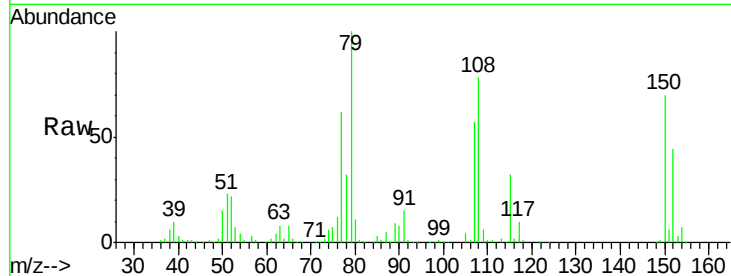
Tot Ion: 79 Resp: 269336

Ion Ratio Lower Upper

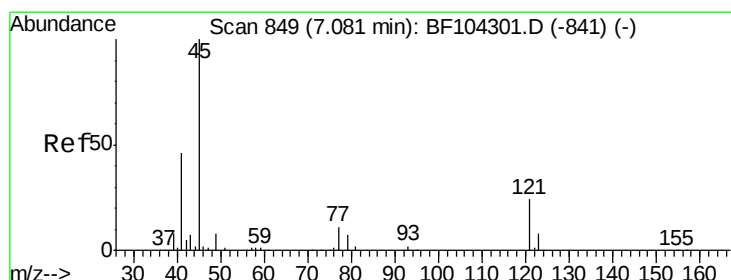
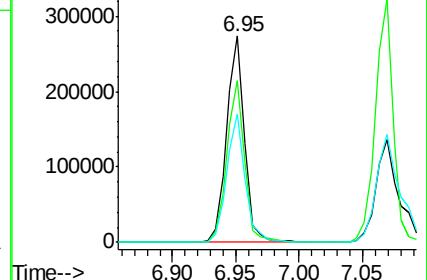
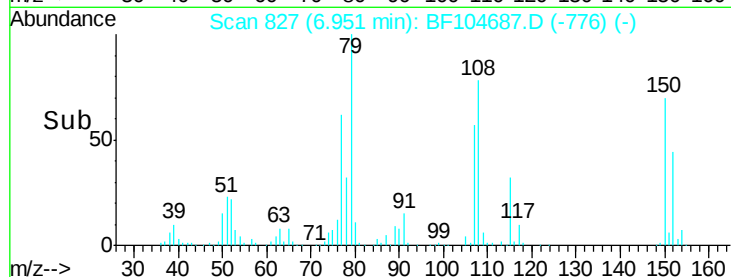
79 100

108 78.3 65.1 97.7

77 62.3 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.801 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

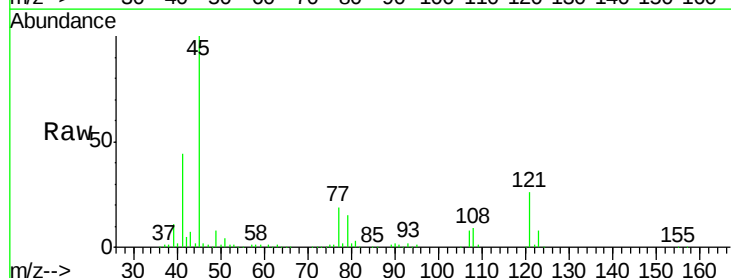
Tgt Ion: 45 Resp: 401550

Ion Ratio Lower Upper

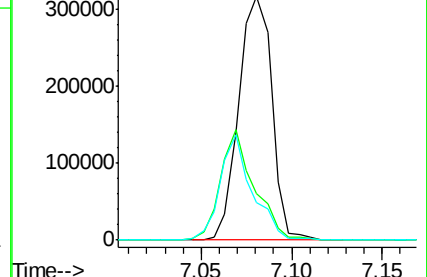
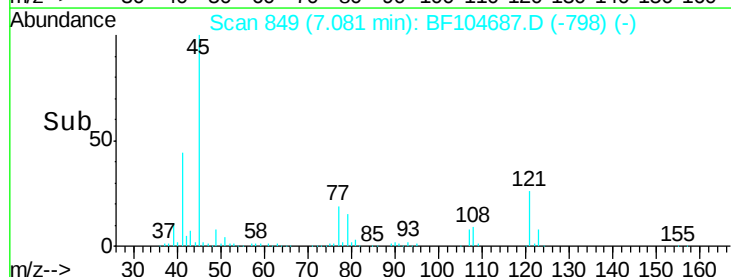
45 100

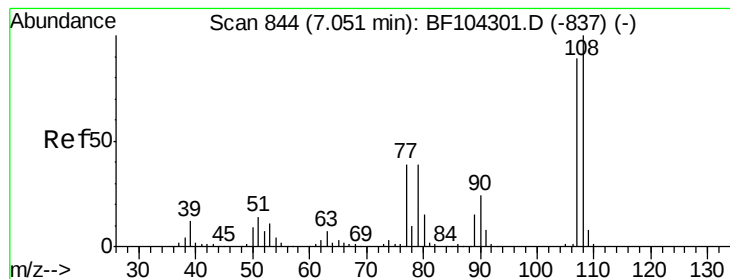
77 19.0 0.0 32.9

79 15.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.096 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

Tot Ion:107 Resp: 279695

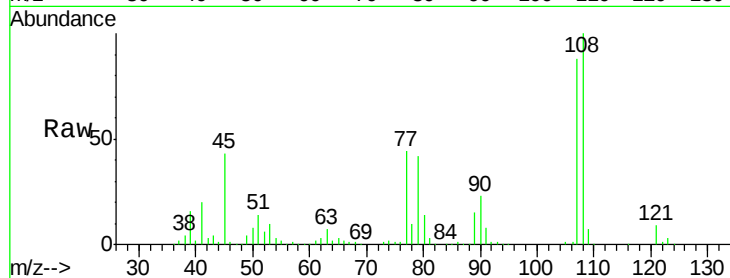
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 50.2 33.8 50.8

79 48.0 33.8 50.8

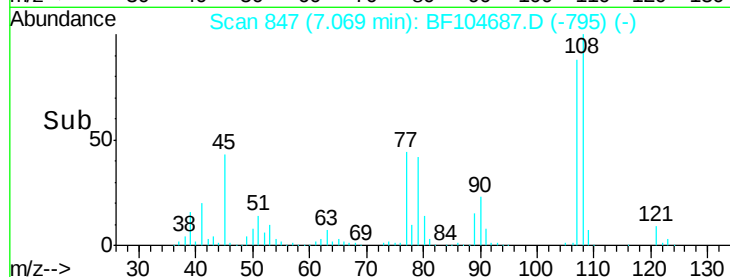


Abundance Ion 107.00 (106.70 to 107.70): E

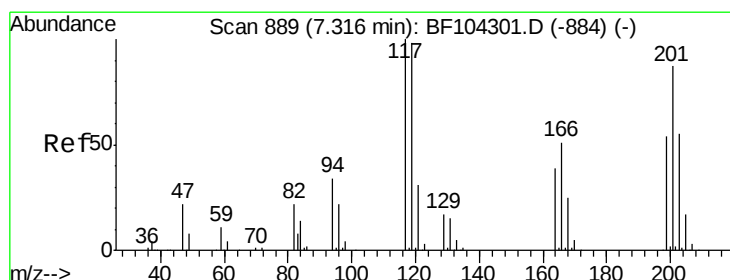
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 31.067 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

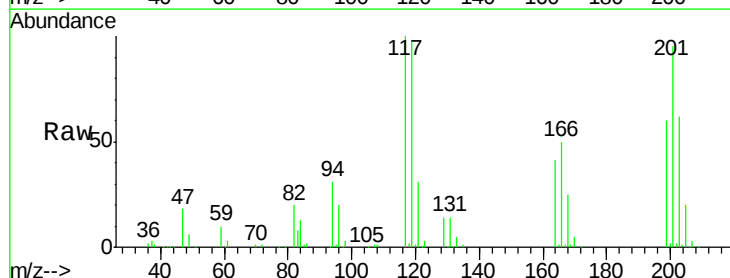
Tgt Ion:117 Resp: 100382

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

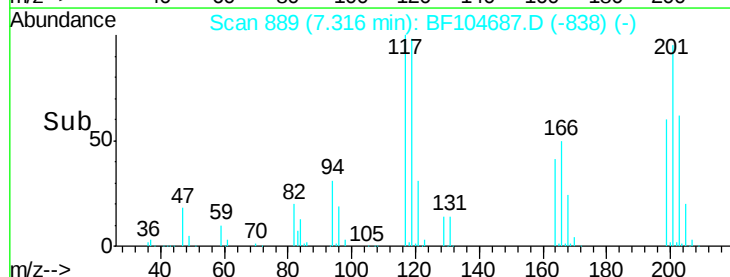
201 95.0 75.7 113.5



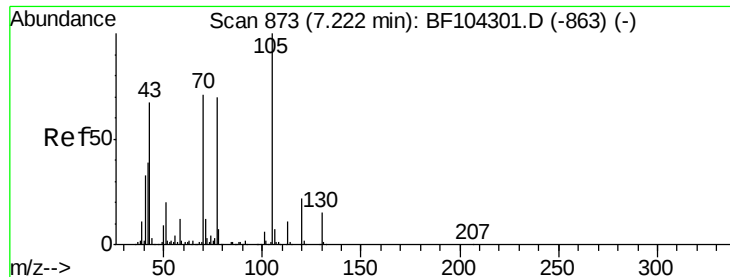
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



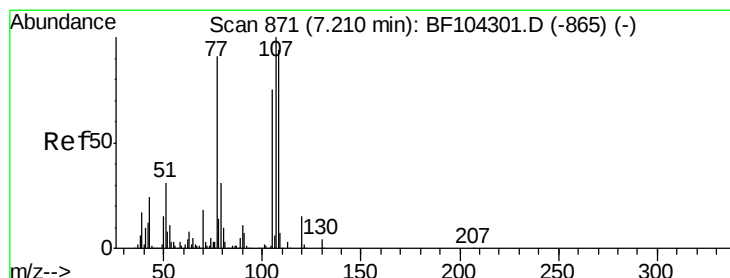
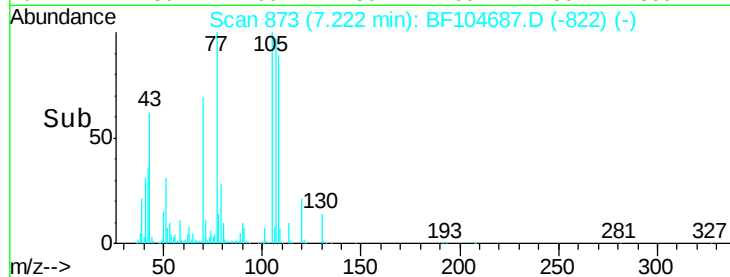
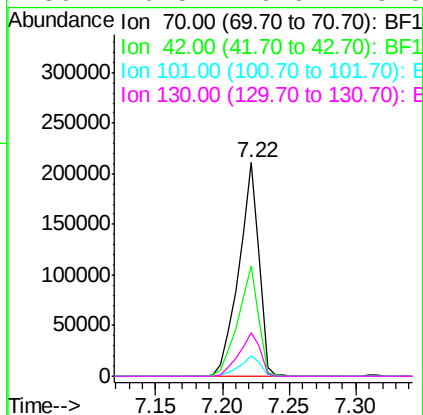
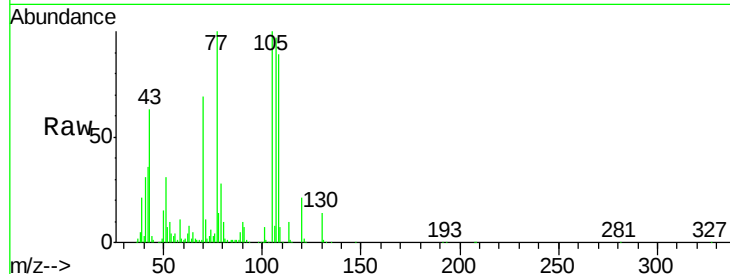
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.277 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

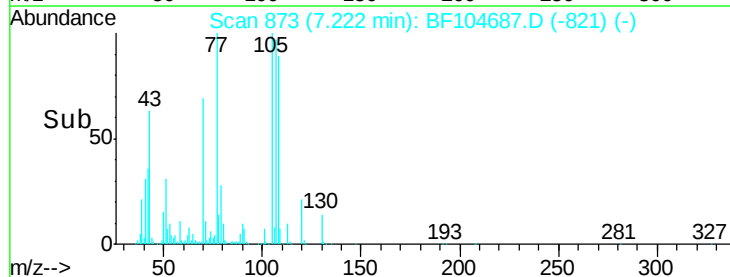
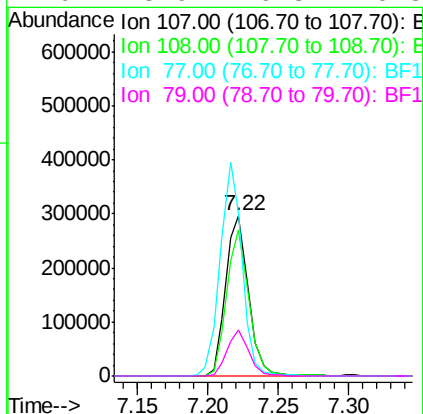
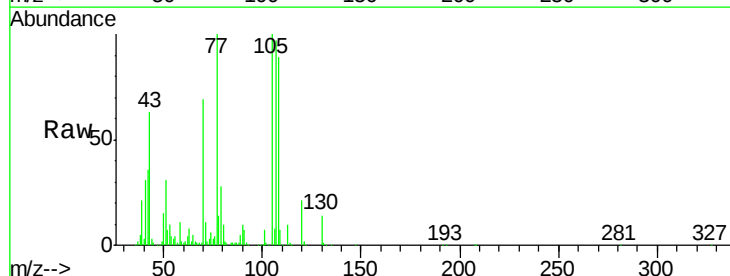
Instrument :
BNA_F
ClientSampleId :
PB108449BS

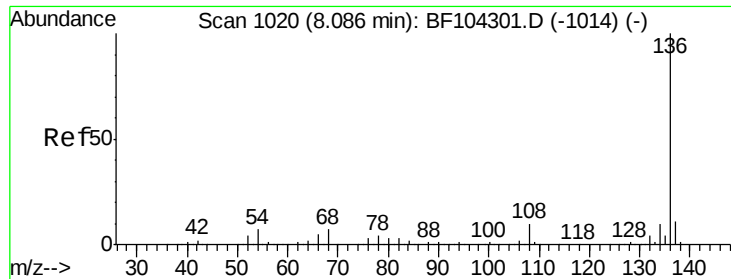
Tot Ion: 70 Resp: 221454
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 9.8 7.4 11.2
130 20.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.416 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion: 107 Resp: 332360
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 102.5 26.7 66.7#
79 28.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

Tot Ion:136 Resp: 441852

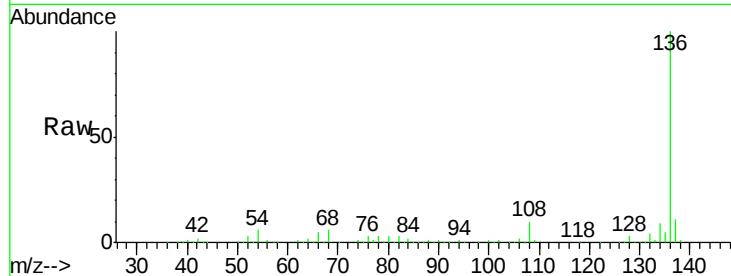
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

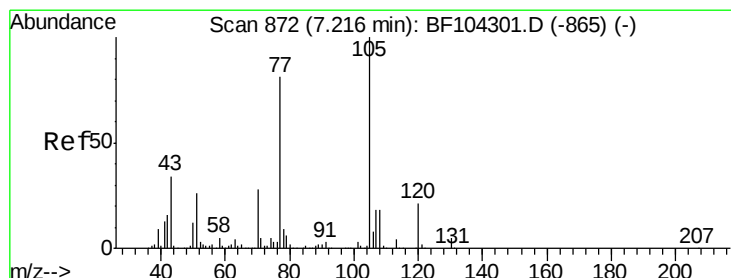
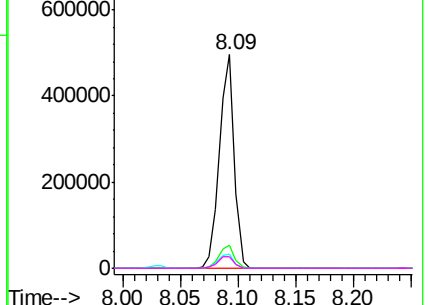
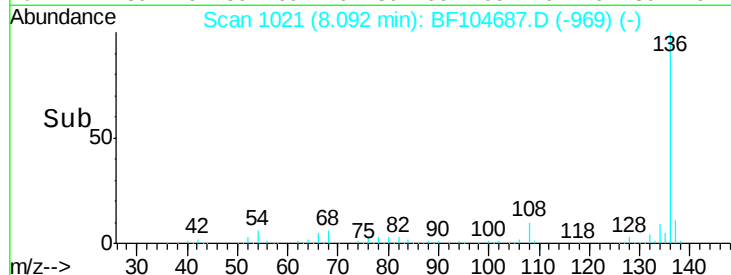


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.989 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:105 Resp: 445880

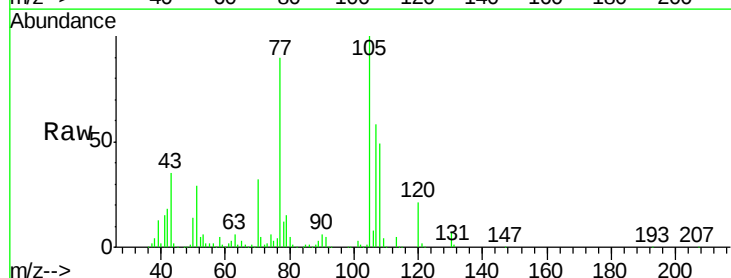
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 28.7 22.3 33.5

120 21.3 16.9 25.3

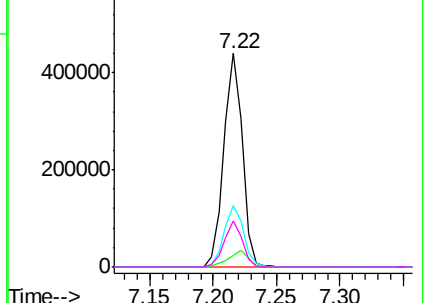
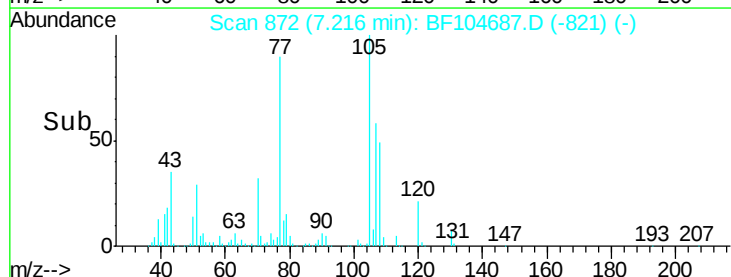


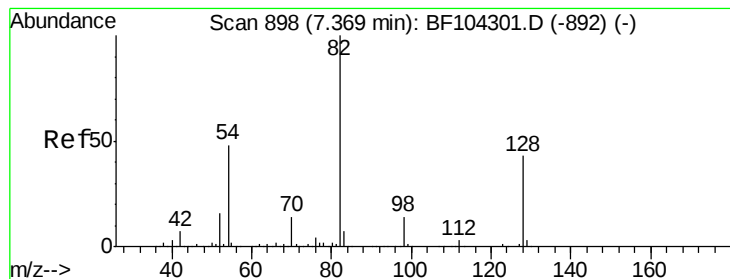
Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.578 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

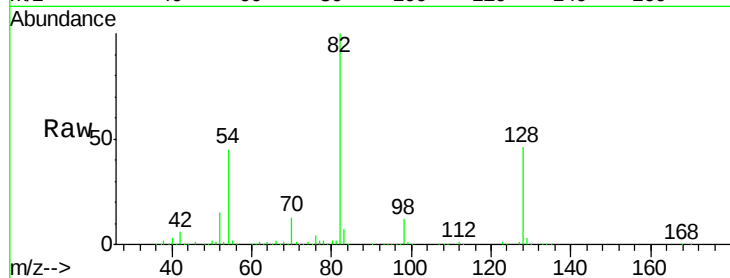
Tot Ion: 82 Resp: 673815

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

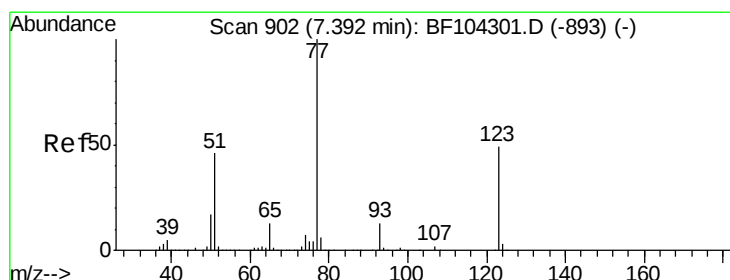
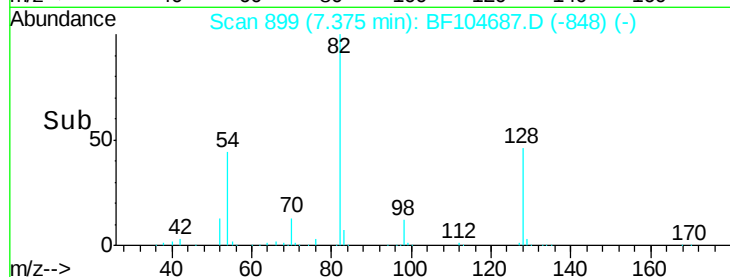
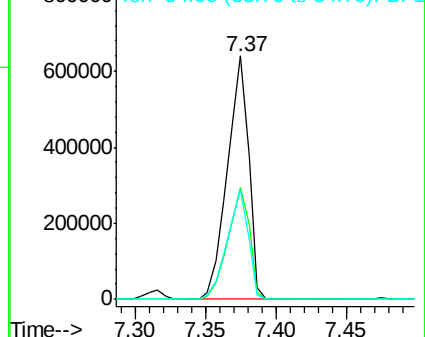
54 45.0 41.4 62.2



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: 45.643 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

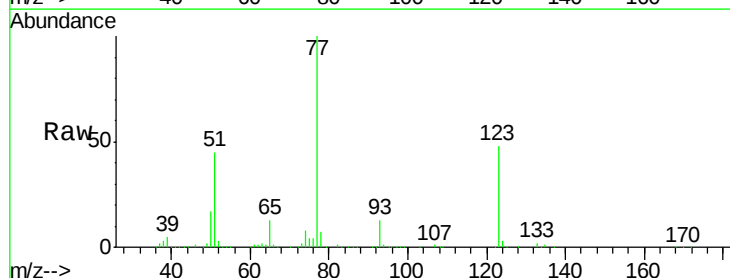
Tgt Ion: 77 Resp: 340995

Ion Ratio Lower Upper

77 100

123 48.1 37.9 56.9

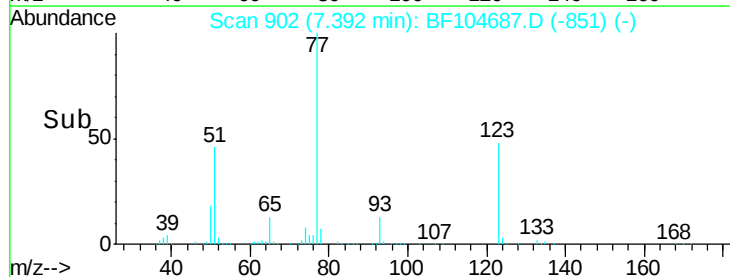
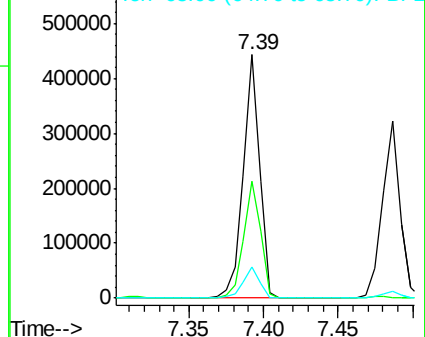
65 12.7 11.0 16.4

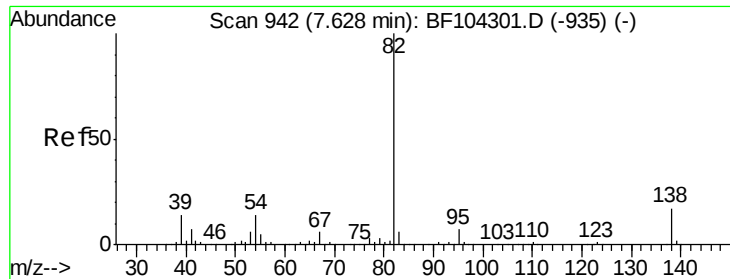


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.970 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

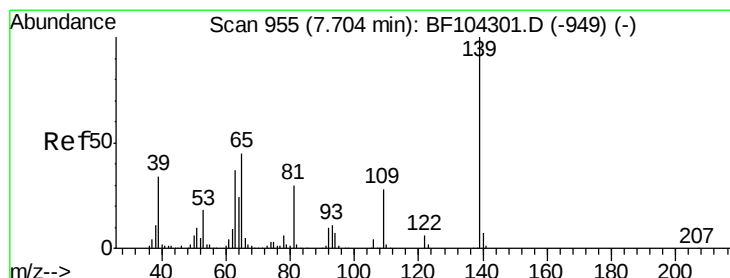
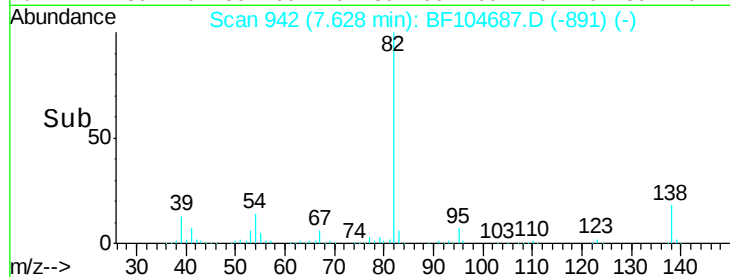
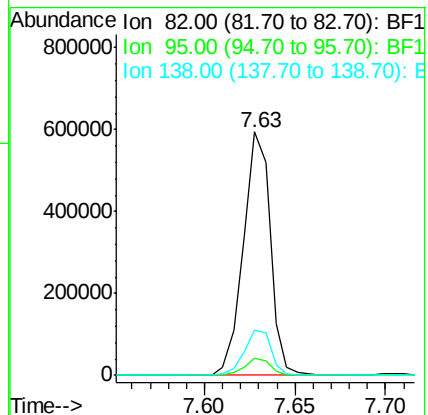
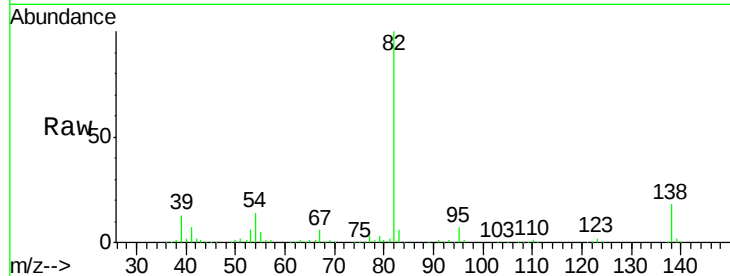
Tot Ion: 82 Resp: 614865

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 44.110 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

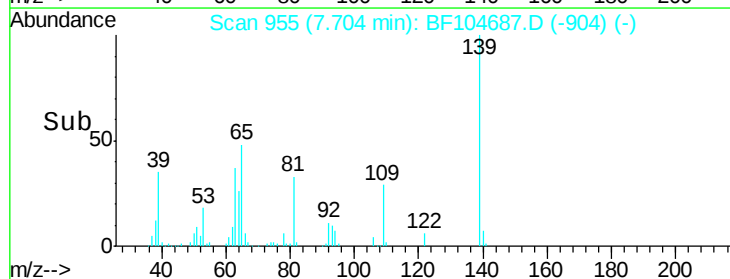
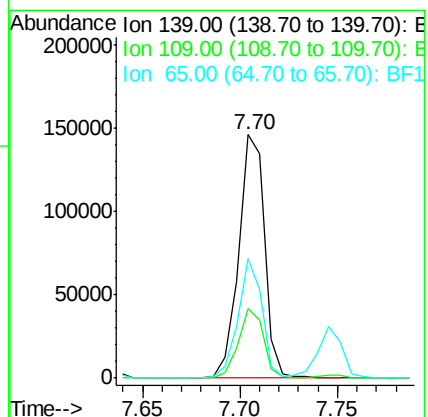
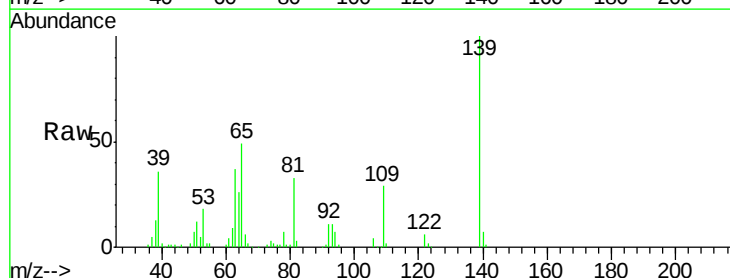
Tgt Ion: 139 Resp: 134157

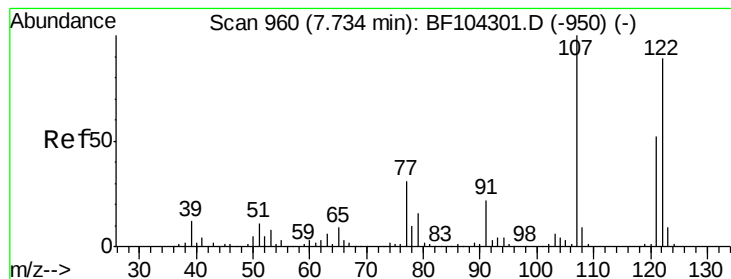
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 49.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.107 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

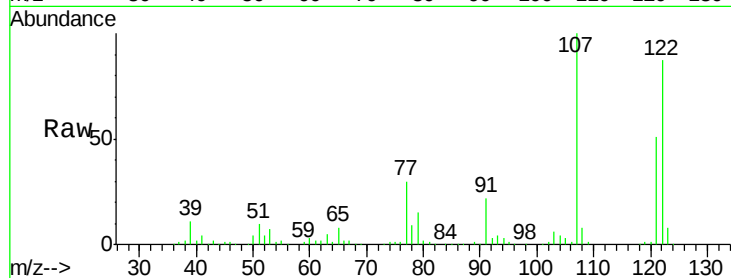
Tot Ion:122 Resp: 291169

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

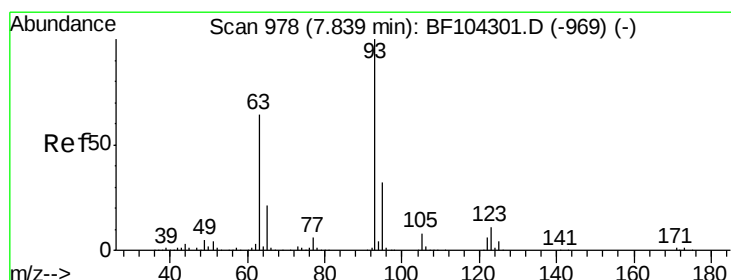
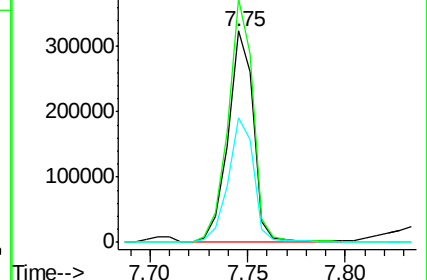
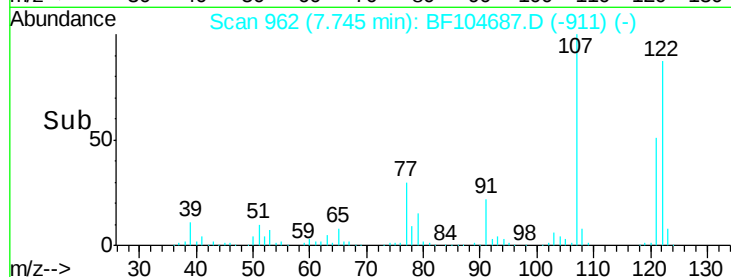
121 59.0 47.2 70.8



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: 46.186 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

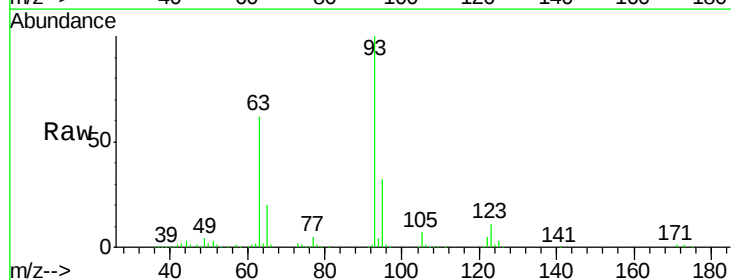
Tgt Ion: 93 Resp: 404074

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

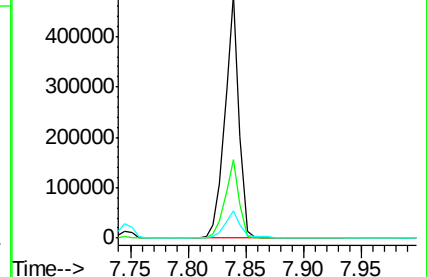
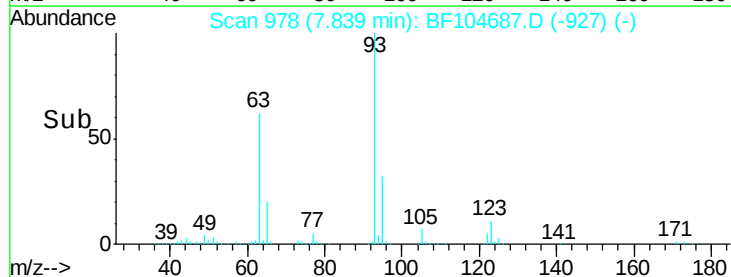
123 11.2 9.8 14.6

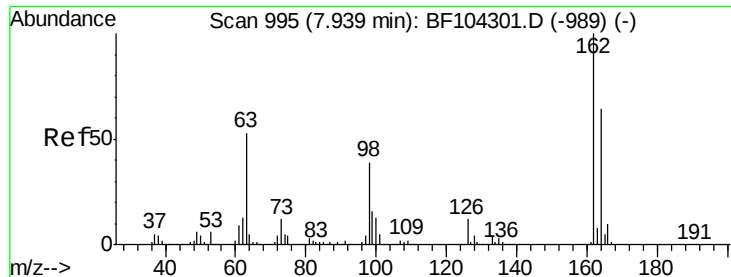


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

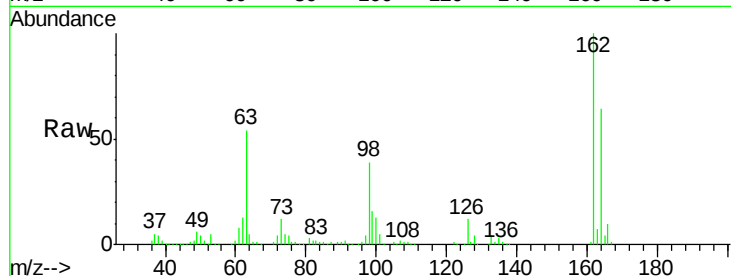




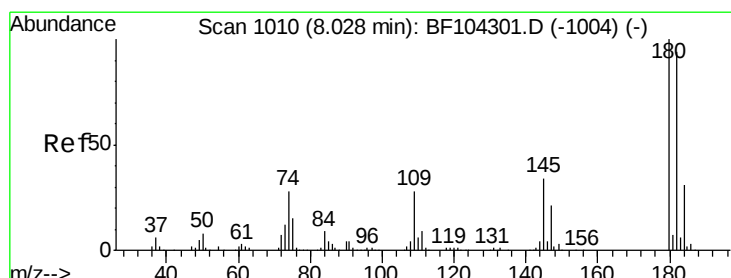
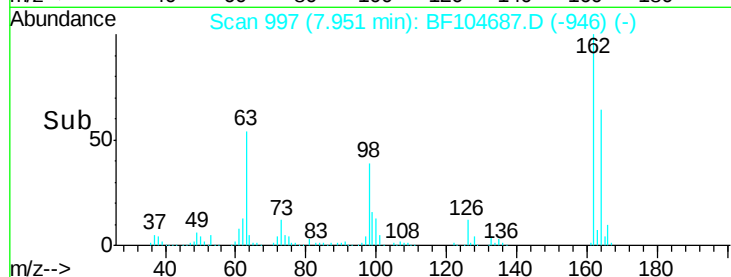
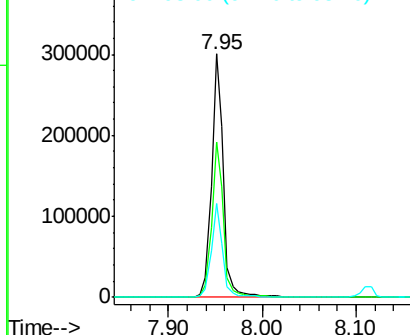
#29
2,4-Dichlorophenol
Concen: 44.450 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	38.8	18.1	58.1

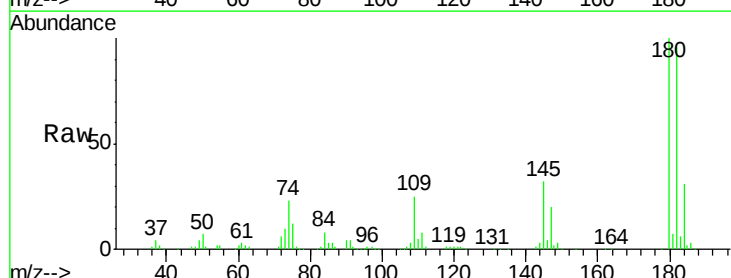


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

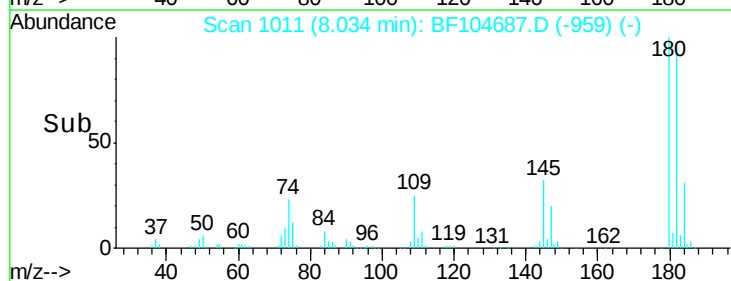
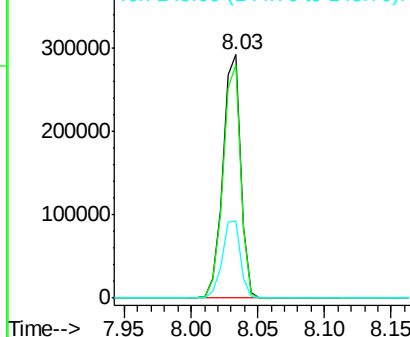


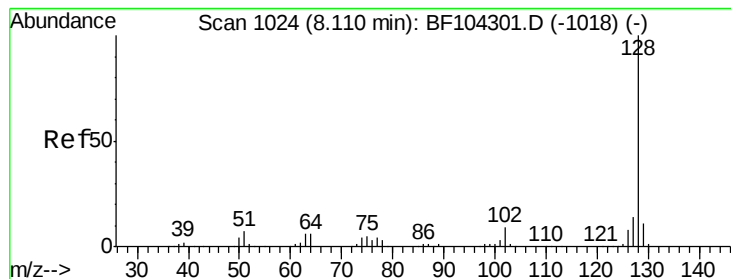
#30
1,2,4-Trichlorobenzene
Concen: 42.048 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	31.7	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: 42.097 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

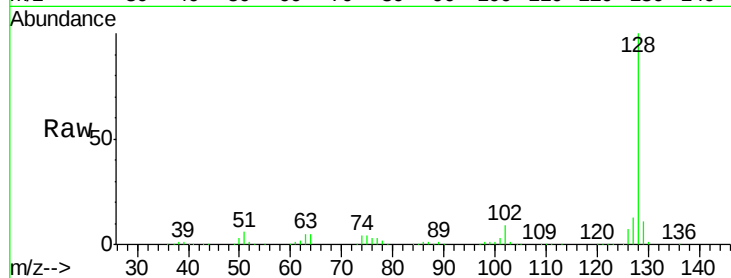
Tot Ion:128 Resp: 926218

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

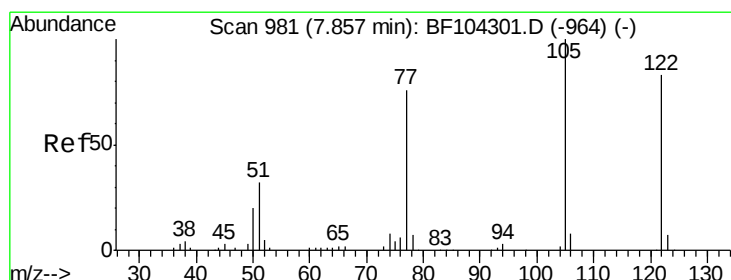
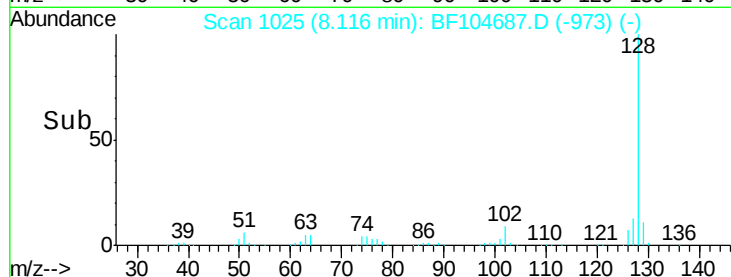
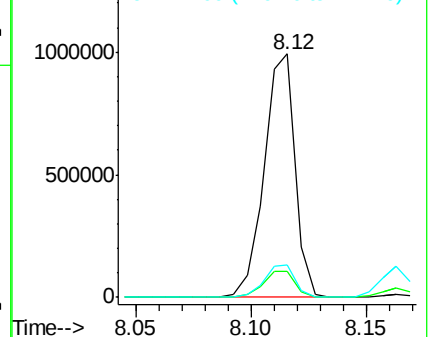
127 13.4 10.9 16.3



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: 7.437 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

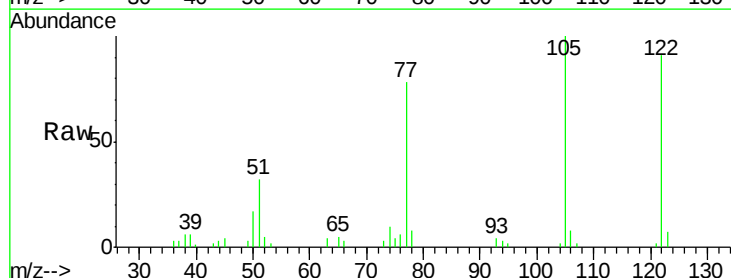
Tgt Ion:122 Resp: 37474

Ion Ratio Lower Upper

122 100

105 109.6 101.1 141.1

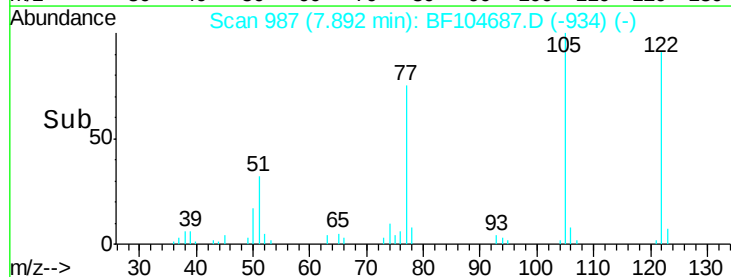
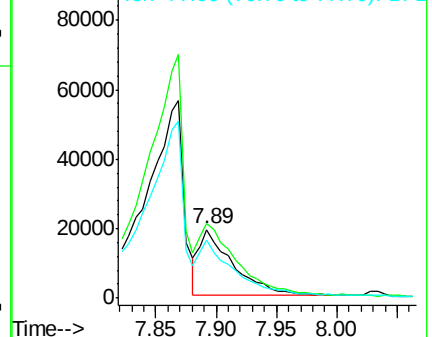
77 85.5 70.7 110.7

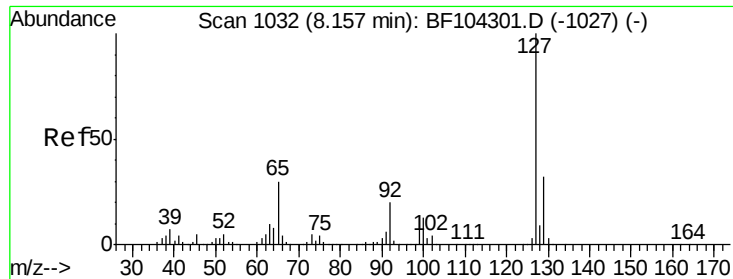


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

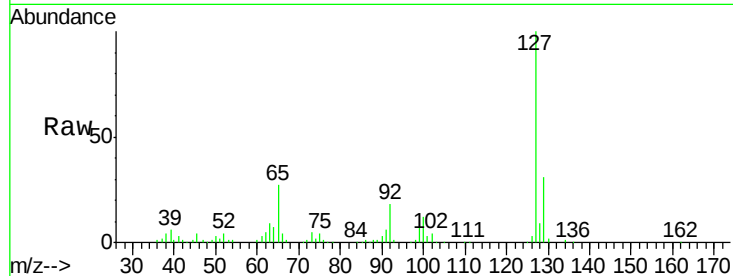




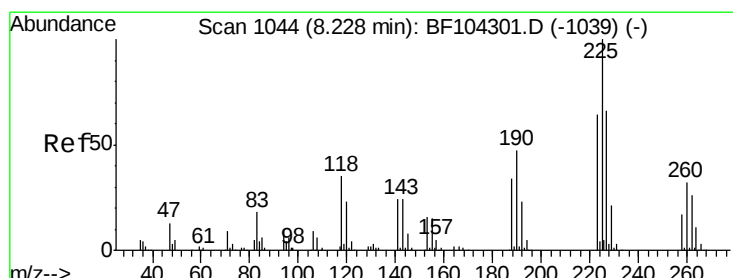
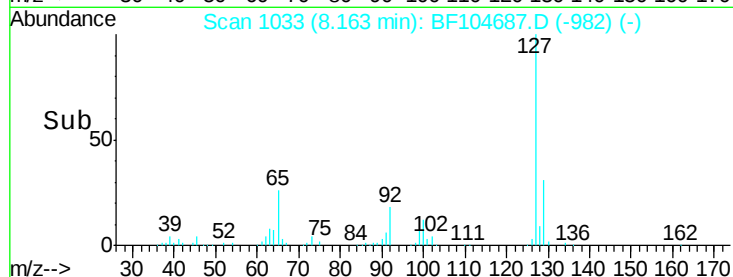
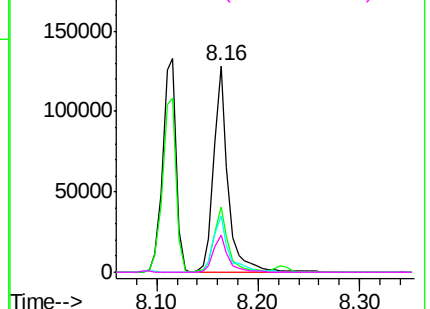
#33
4-Chloroaniline
Concen: 13.486 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion:	127	Resp:	127122
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	27.1	25.0	37.4
92	18.3	15.2	22.8

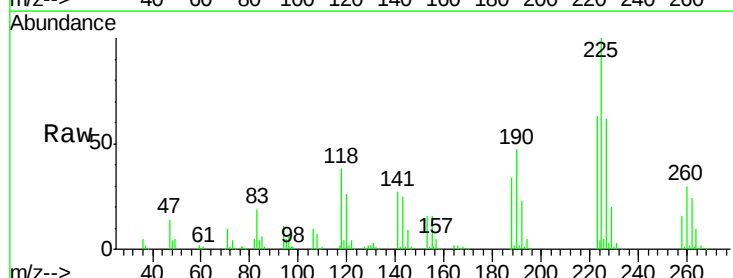


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

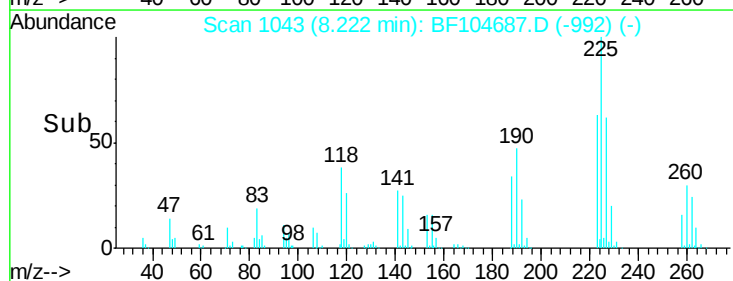
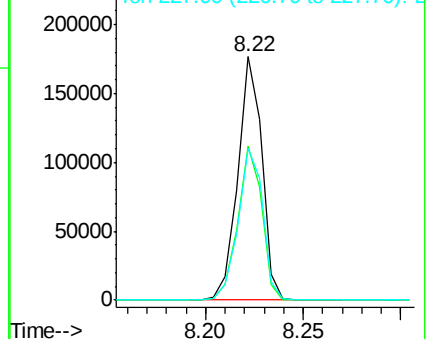


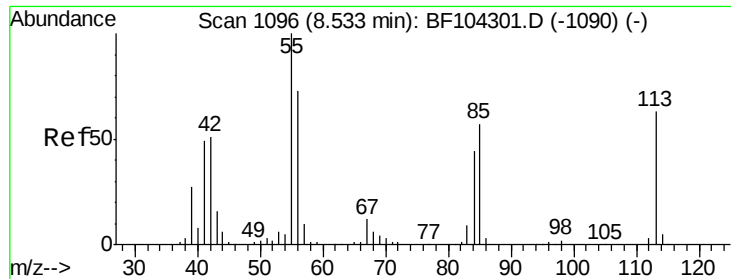
#34
Hexachlorobutadiene
Concen: 41.724 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:	225	Resp:	151129
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	62.4	51.9	77.9



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





#35

Caprolactam

Concen: 39.992 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleID :

PB108449BS

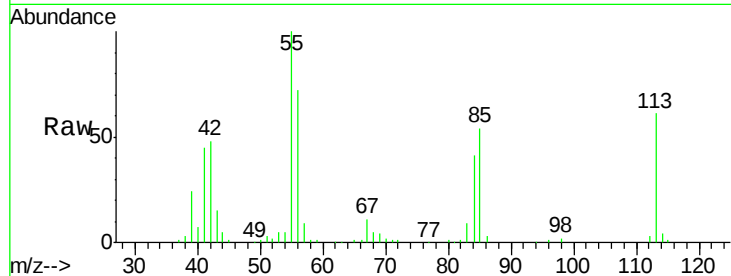
Tot Ion:113 Resp: 84063

Ion Ratio Lower Upper

113 100

55 162.8 163.3 203.3#

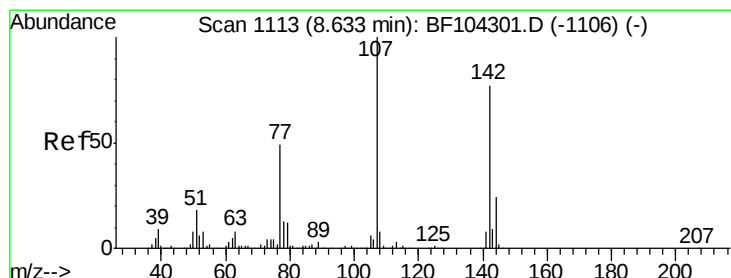
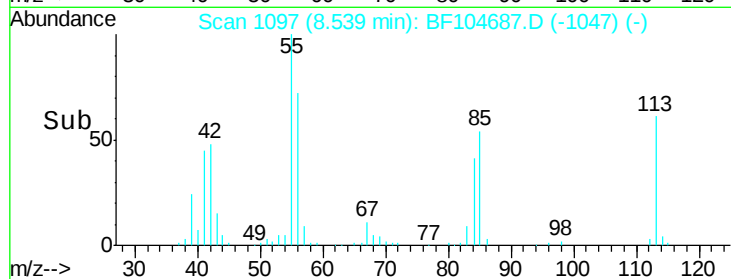
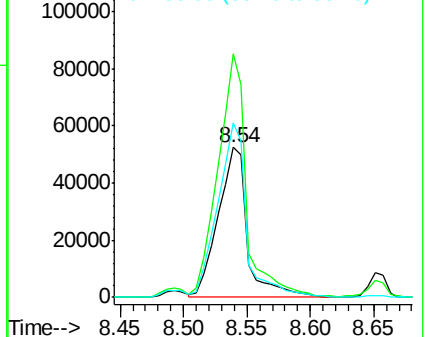
56 116.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.344 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

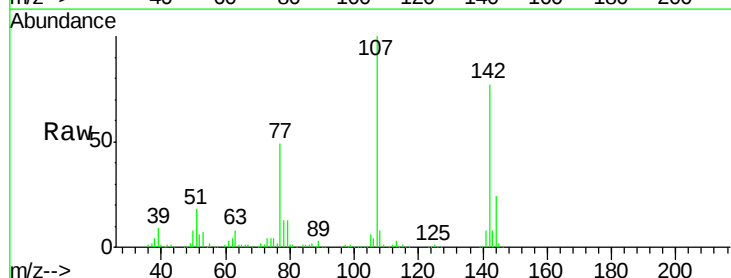
Tgt Ion:107 Resp: 273580

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

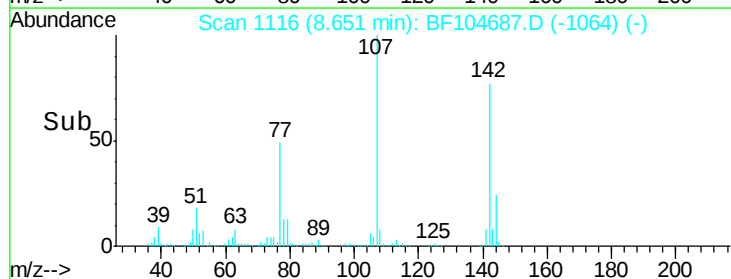
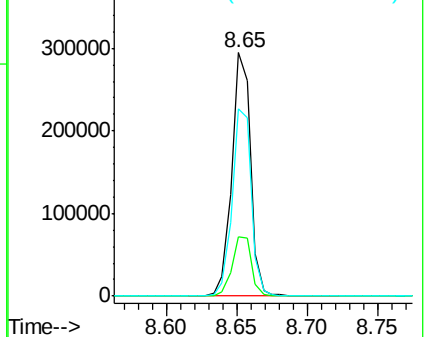
142 76.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

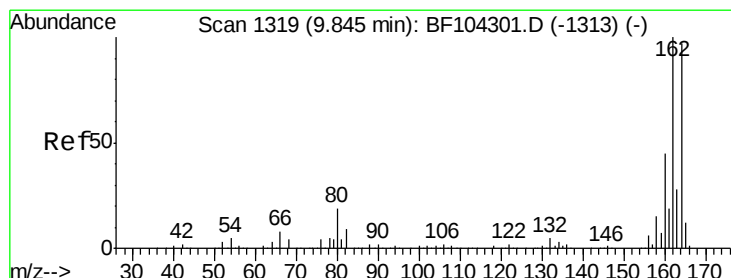
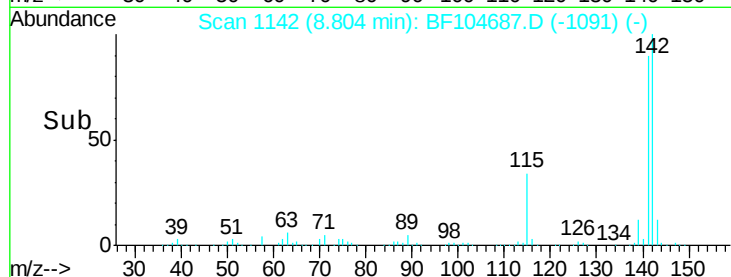
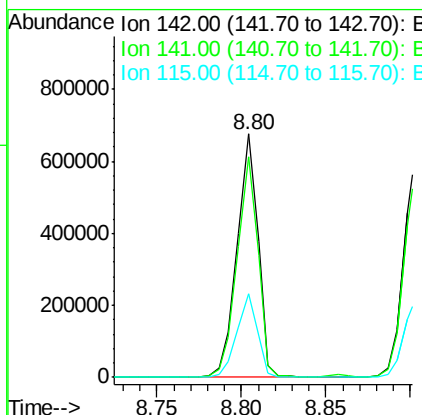
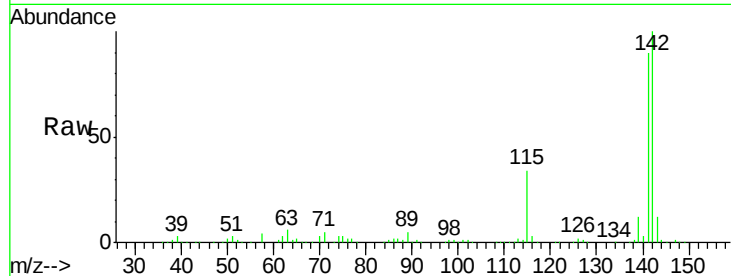




#37
 2-Methylnaphthalene
 Concen: 41.152 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

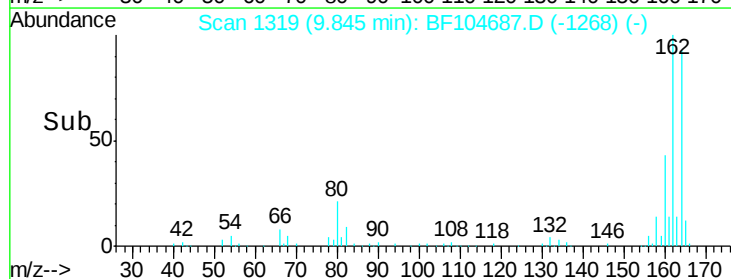
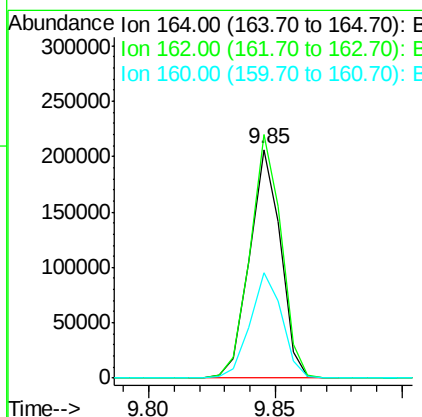
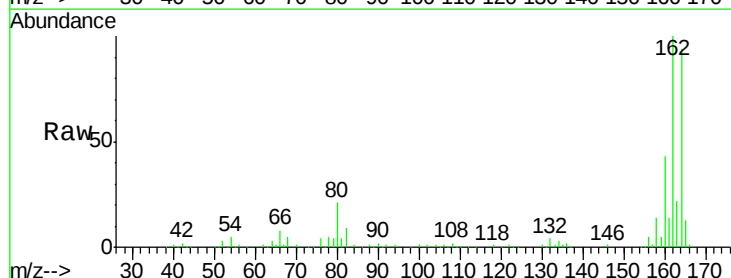
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	34.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.775 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

Tot Ion:216 Resp: 245844

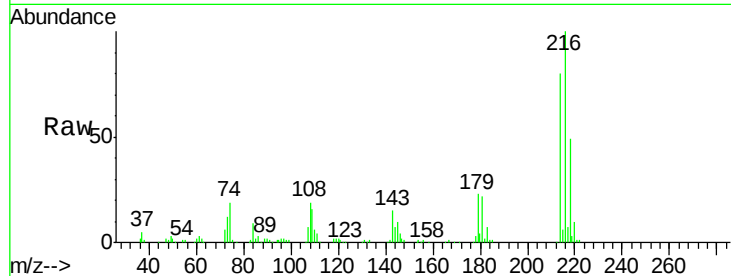
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.4 18.1 27.1

108 18.9 17.2 25.8

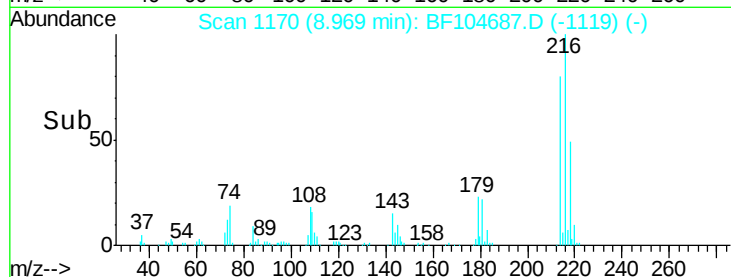


Abundance Ion 216.00 (215.70 to 216.70): E

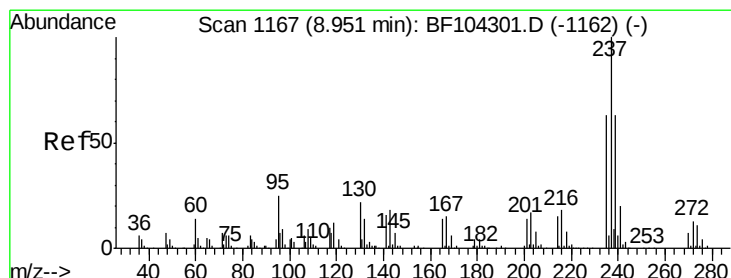
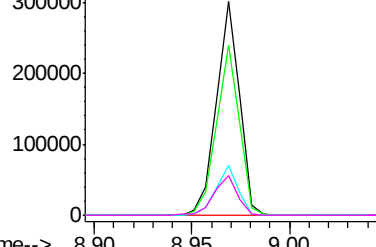
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 7.401 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

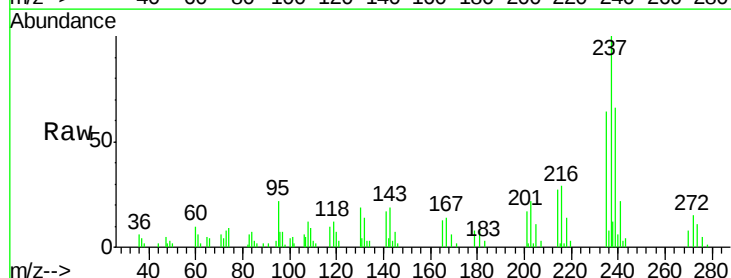
Tgt Ion:237 Resp: 20885

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

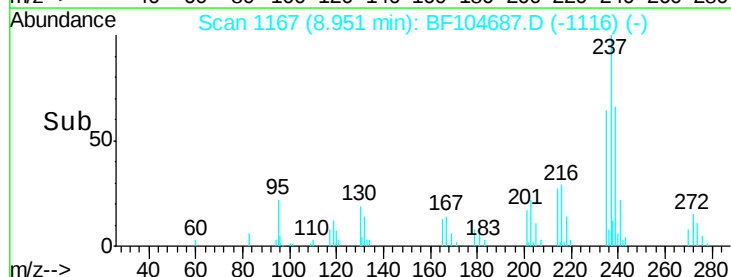
272 15.4 0.0 33.3



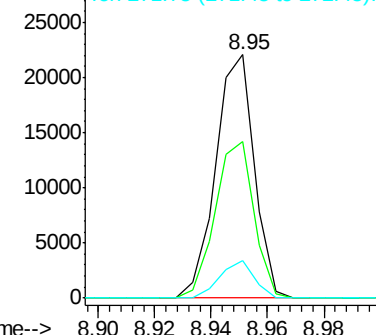
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.90 8.92 8.94 8.96 8.98





#41

2,4,6-Tribromophenol

Concen: 86.531 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

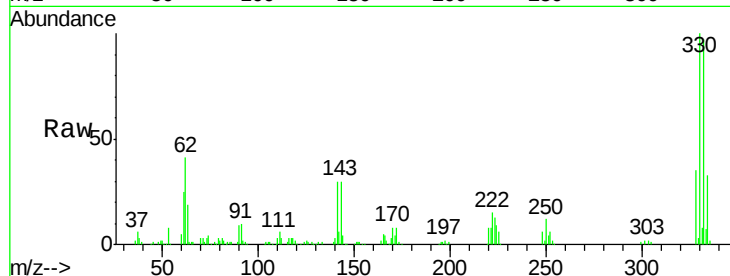
Tot Ion:330 Resp: 158050

Ion Ratio Lower Upper

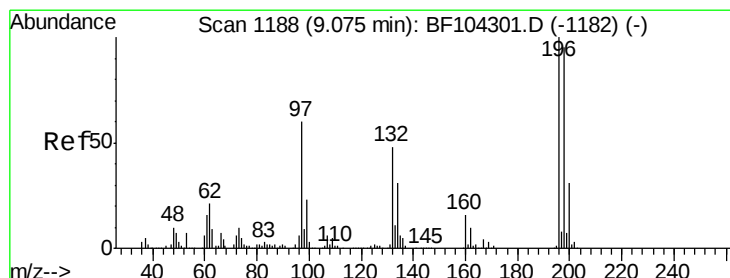
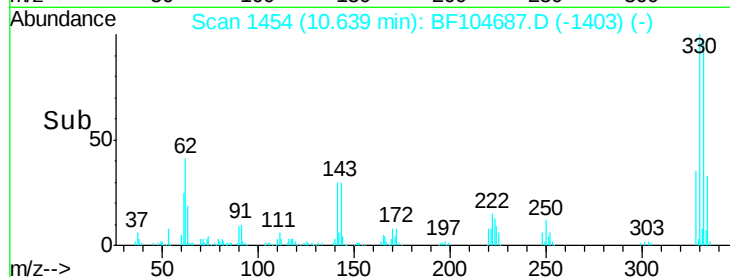
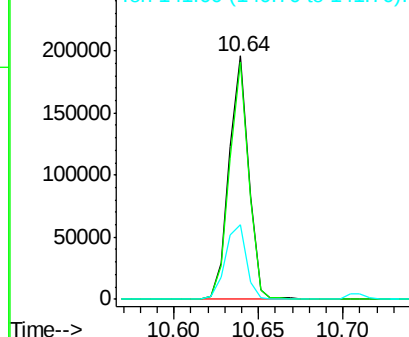
330 100

332 95.8 77.0 115.6

141 33.2 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: 47.628 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

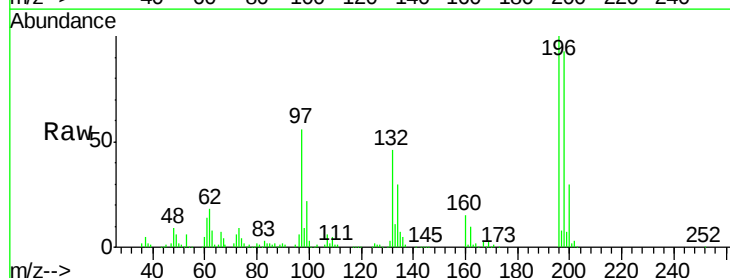
Tgt Ion:196 Resp: 166647

Ion Ratio Lower Upper

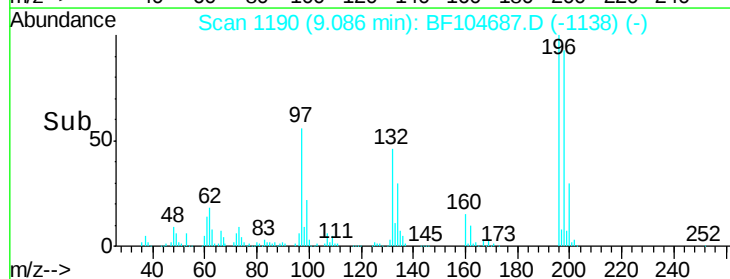
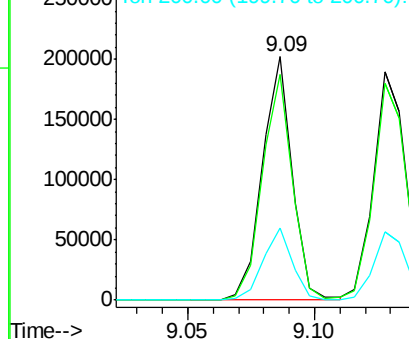
196 100

198 92.9 75.7 113.5

200 29.8 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

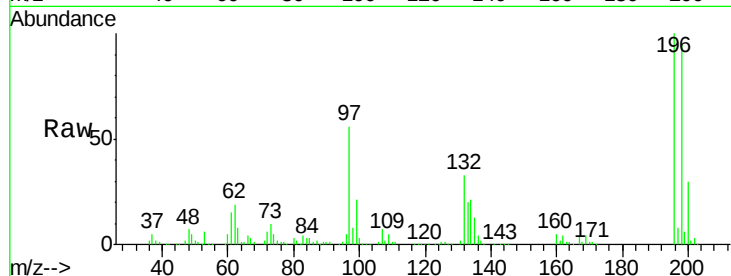




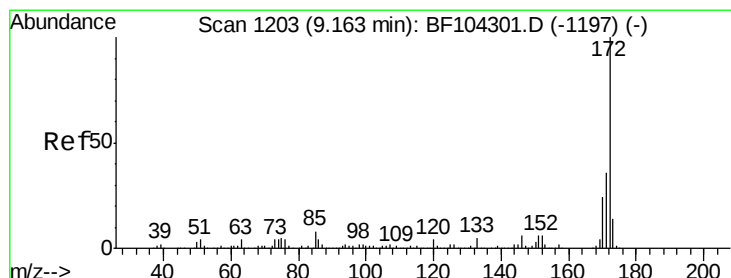
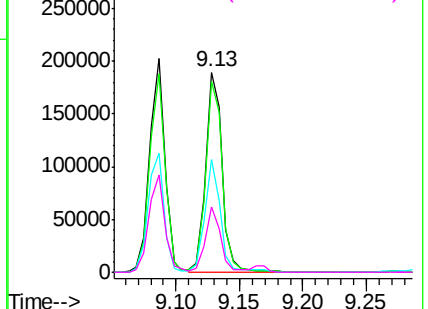
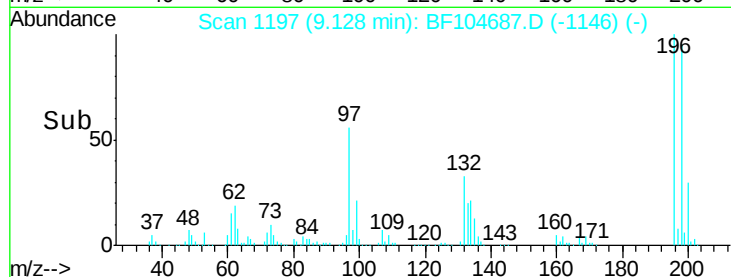
#43
 2,4,5-Trichlorophenol
 Concen: 43.932 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion:196 Resp: 172015
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 56.1 42.9 64.3
 132 32.7 26.3 39.5

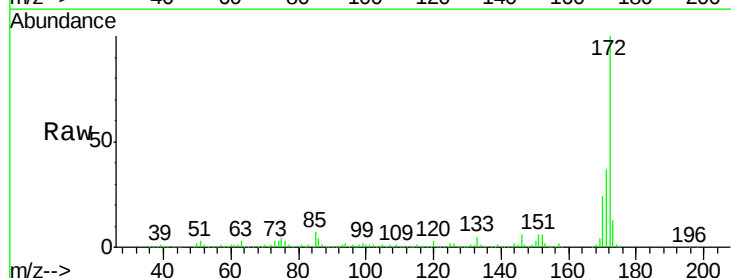


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

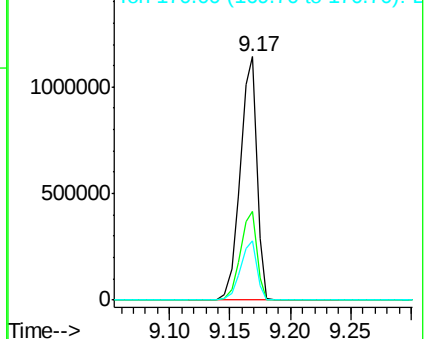
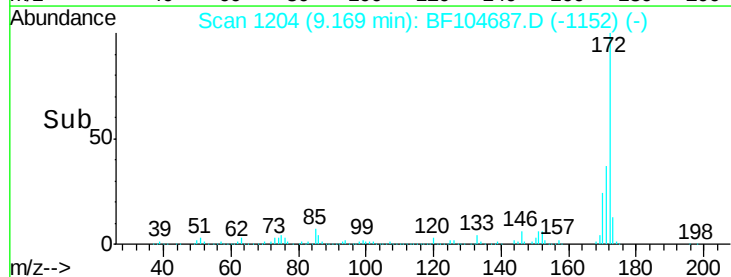


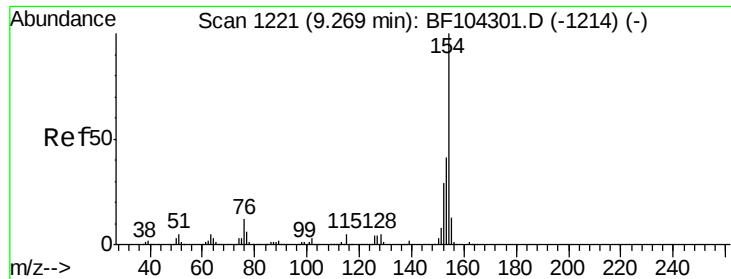
#44
 2-Fluorobiphenyl
 Concen: 98.817 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:172 Resp: 1101419
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 45.305 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampled :

PB108449BS

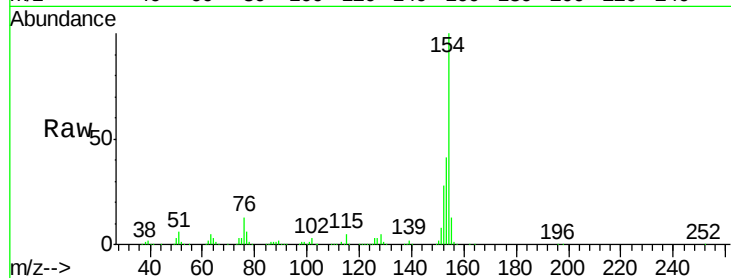
Tot Ion:154 Resp: 670145

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

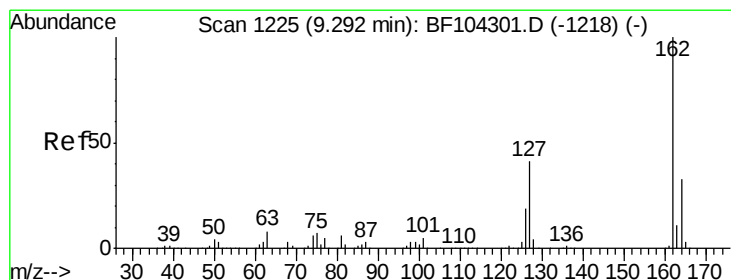
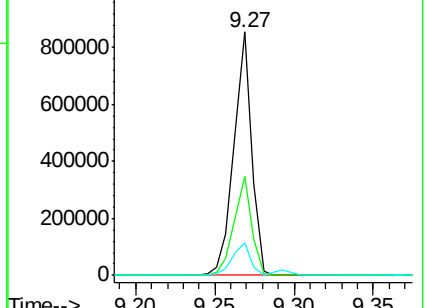
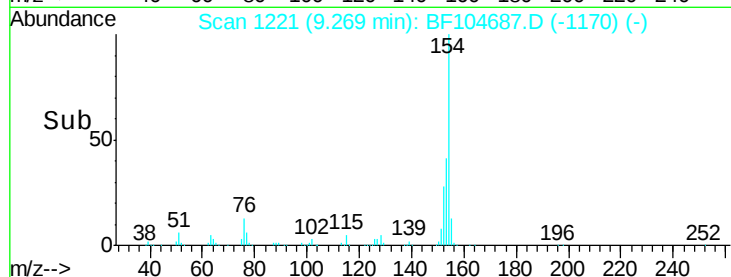
76 13.2 0.0 34.0



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: 44.271 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

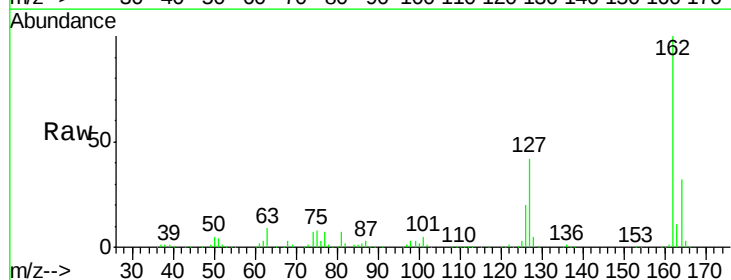
Tgt Ion:162 Resp: 517252

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

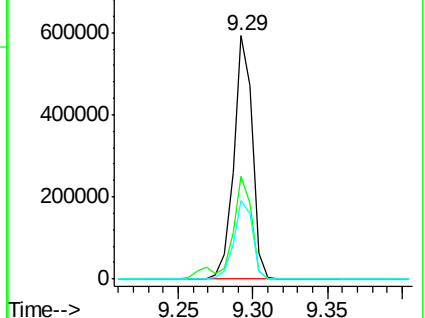
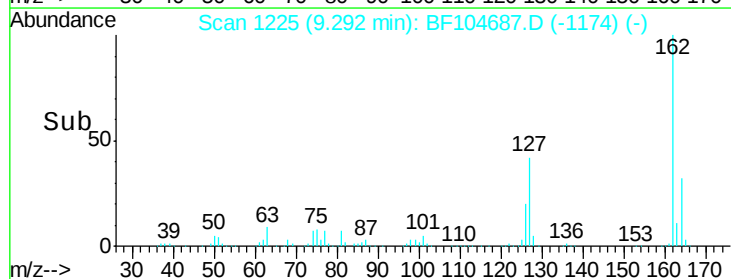
164 32.3 26.5 39.7



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

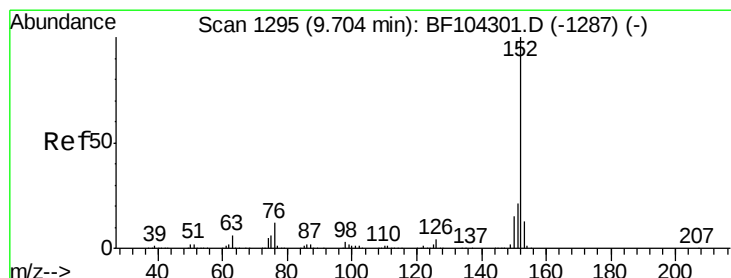
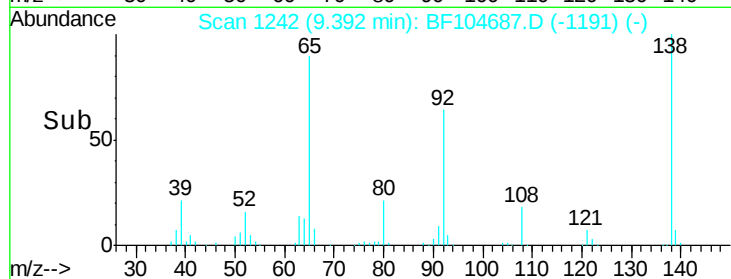
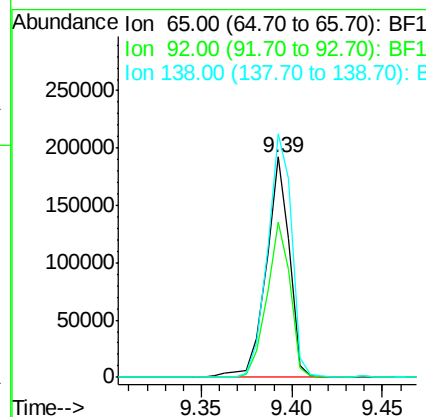
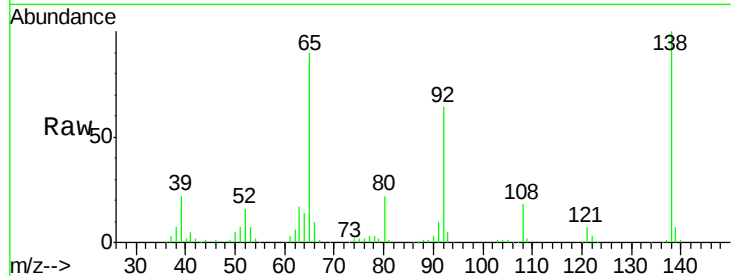




#47
 2-Nitroaniline
 Concen: 59.041 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

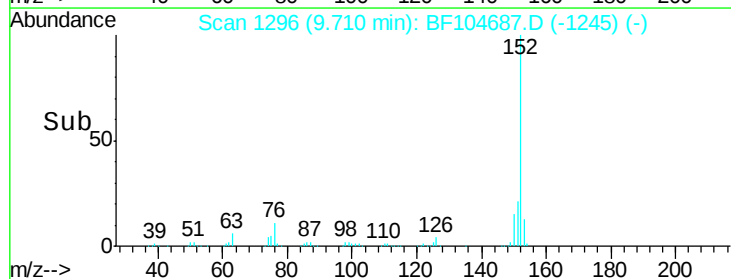
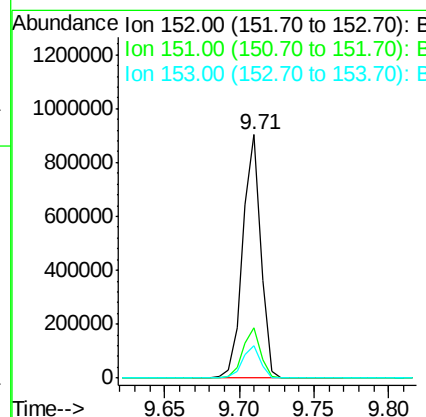
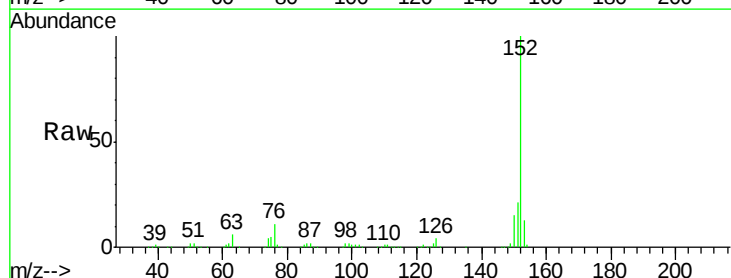
Instrument :
 BNA_F
 ClientSampleID :
 PB108449BS

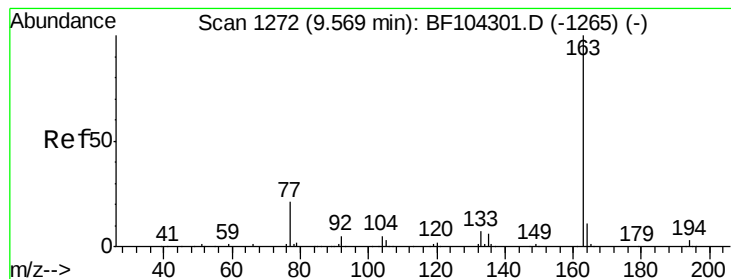
Tot Ion:	65	Resp:	170593
Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	110.6	91.2	136.8



#48
 Acenaphthylene
 Concen: 41.589 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:	152	Resp:	762376
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 45.721 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

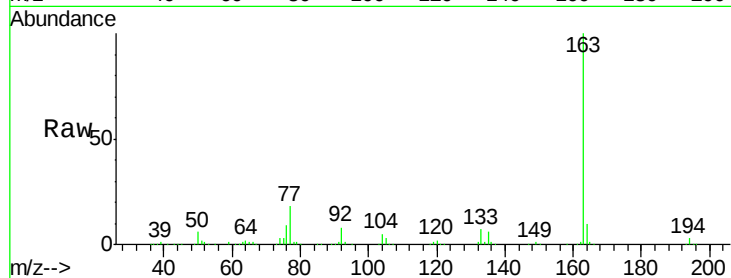
Tot Ion:163 Resp: 634852

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

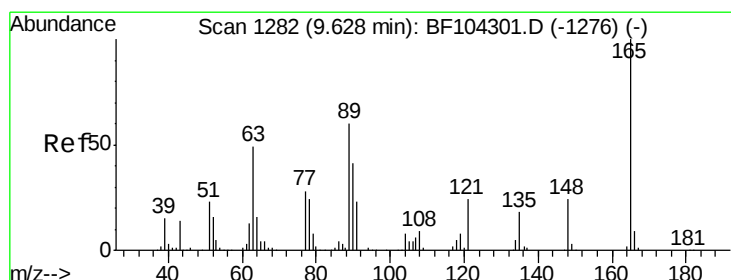
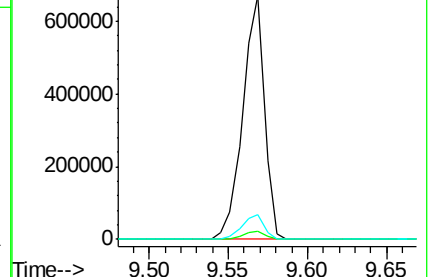
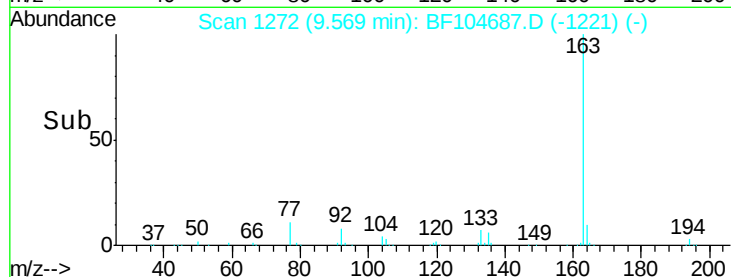
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.613 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

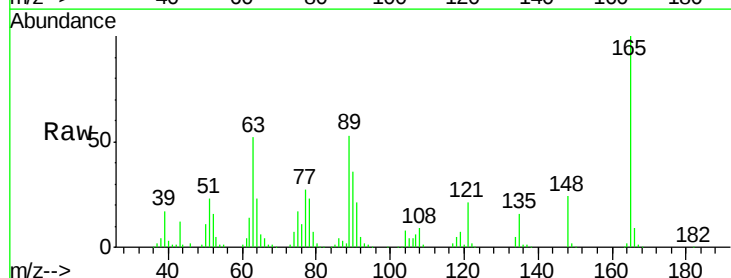
Tgt Ion:165 Resp: 117193

Ion Ratio Lower Upper

165 100

63 52.1 44.7 67.1

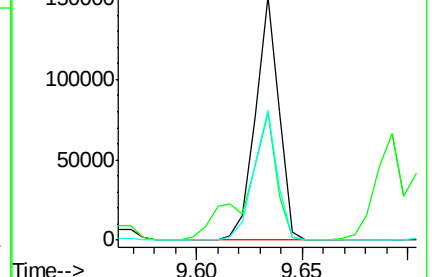
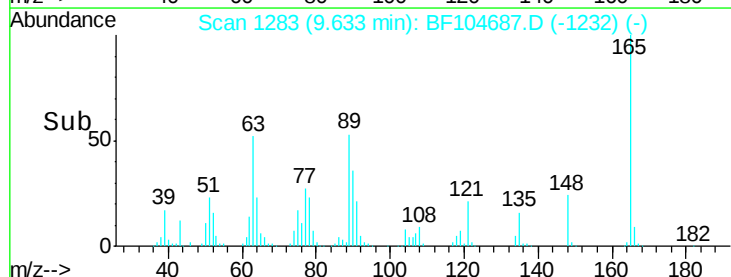
89 53.2 44.0 66.0

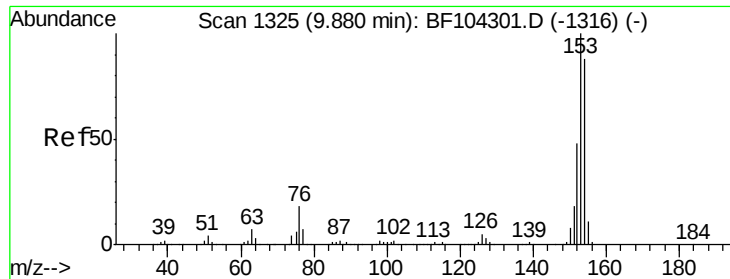


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.086 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

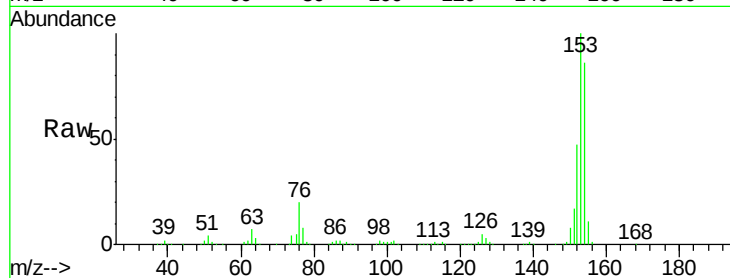
Tot Ion:154 Resp: 437157

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

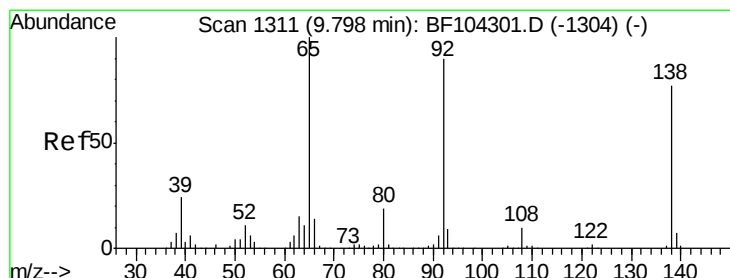
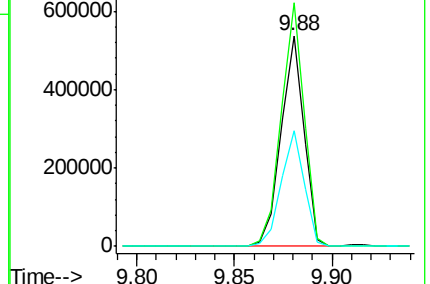
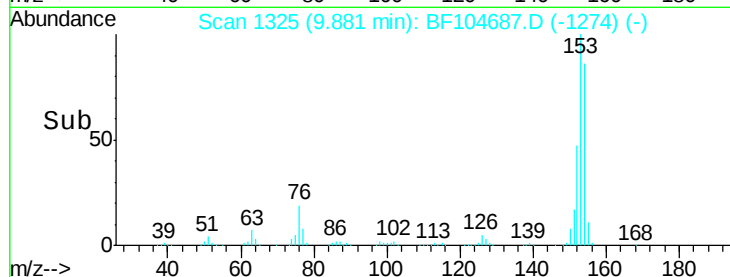
152 54.9 43.8 65.8



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: 45.775 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

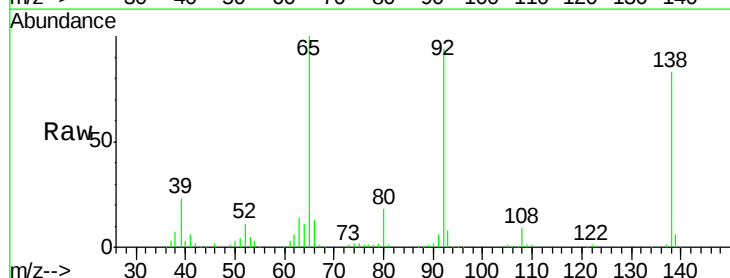
Tgt Ion:138 Resp: 137685

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

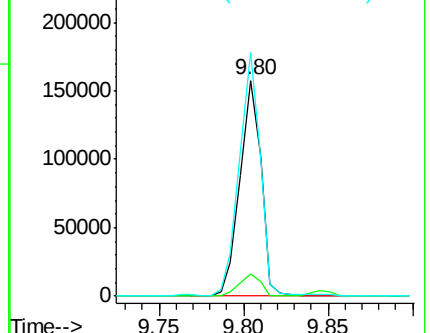
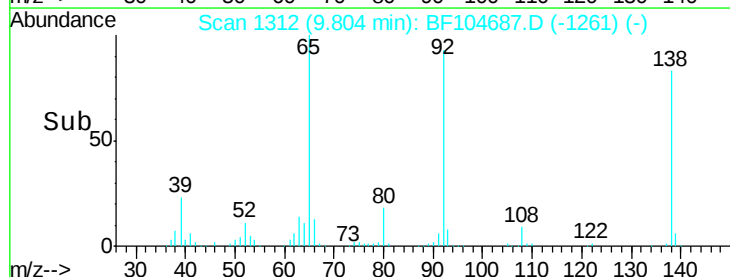
92 112.9 89.4 134.2

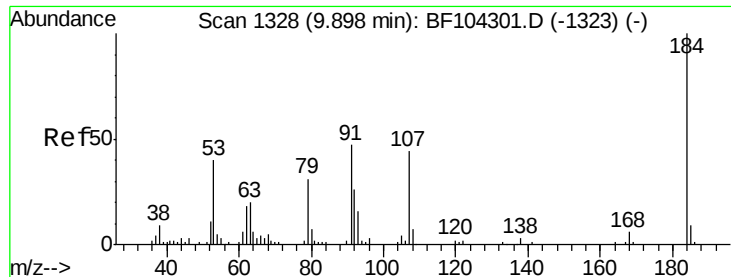


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

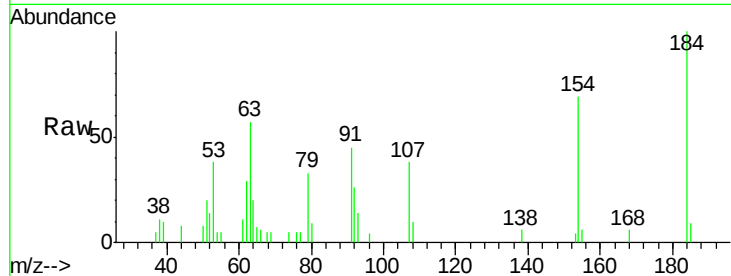




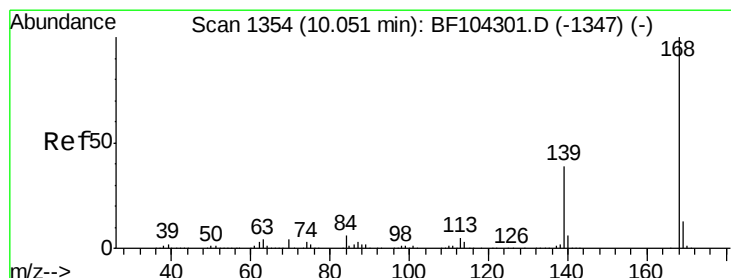
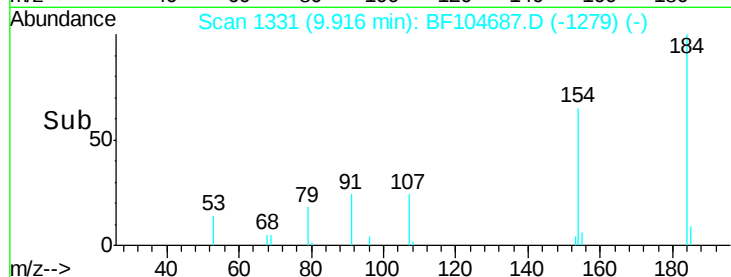
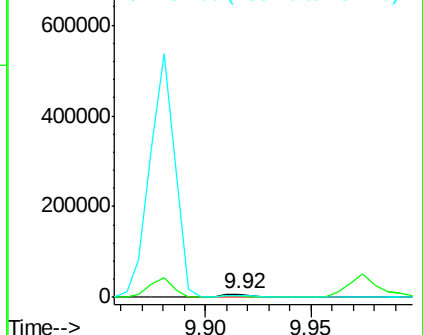
#53
 2,4-Dinitrophenol
 Concen: 14.944 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion:184 Resp: 7394
 Ion Ratio Lower Upper
 184 100
 63 57.4 54.2 81.2
 154 69.2 184.0 276.0#

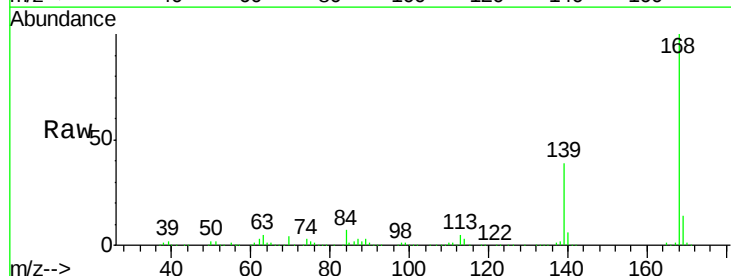


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

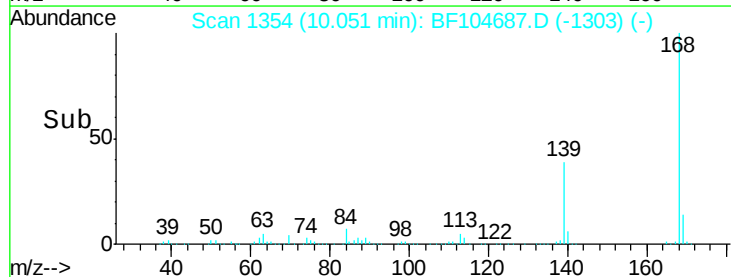
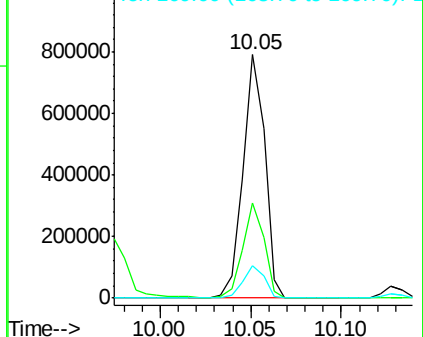


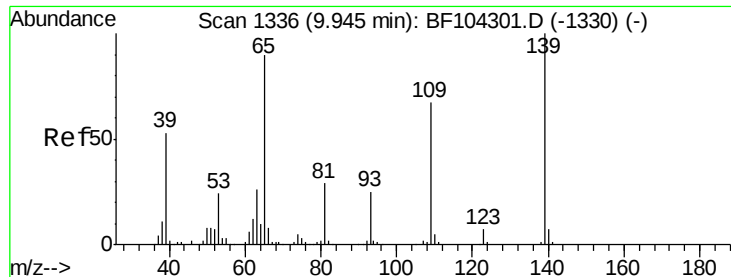
#54
 Dibenzofuran
 Concen: 42.479 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:168 Resp: 662113
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.6 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

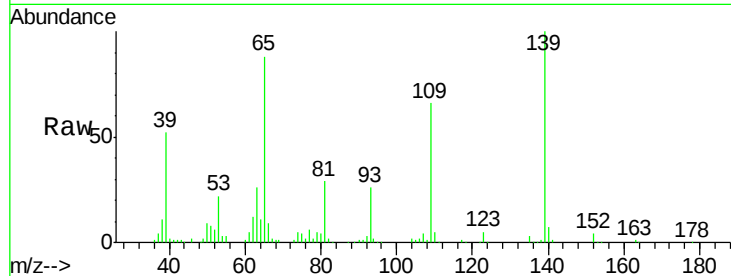




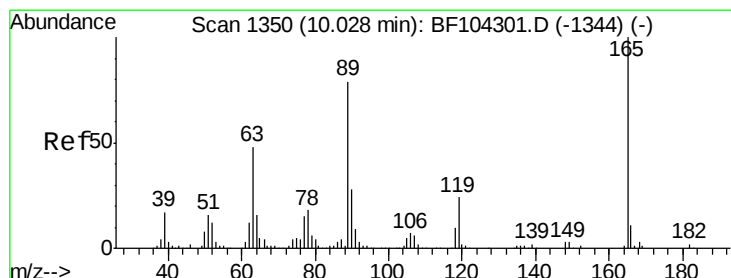
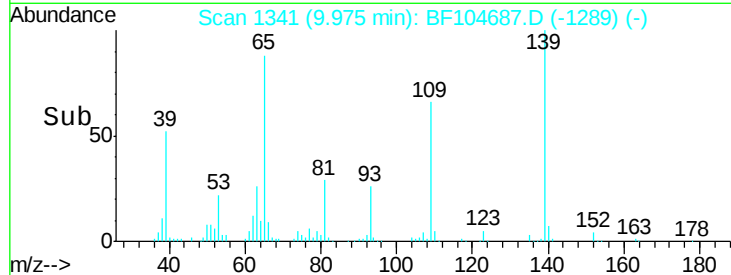
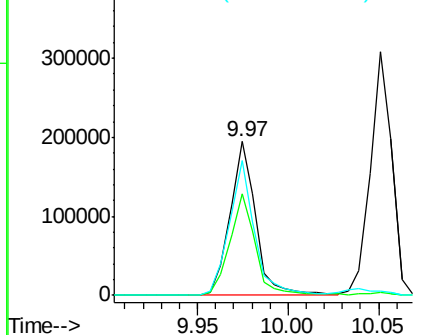
#55
4-Nitrophenol
Concen: 82.219 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion:139 Resp: 194266
Ion Ratio Lower Upper
139 100
109 65.7 48.4 88.4
65 88.0 72.6 112.6

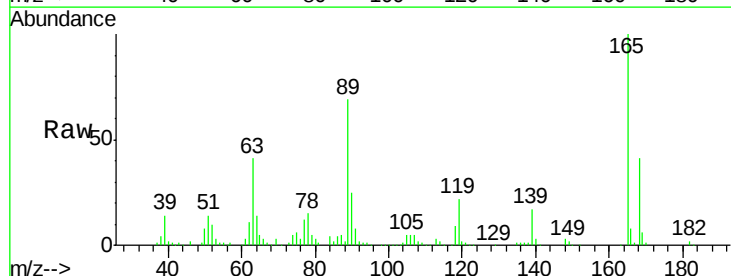


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

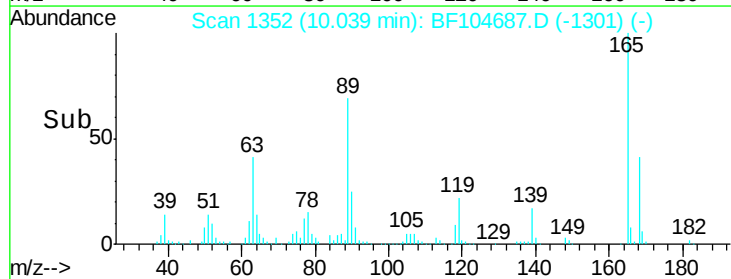
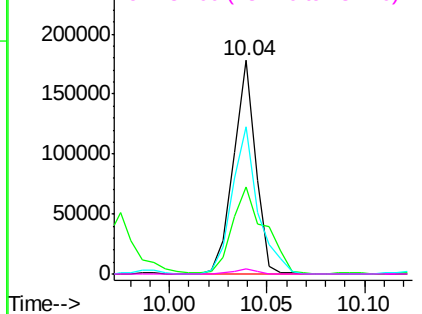


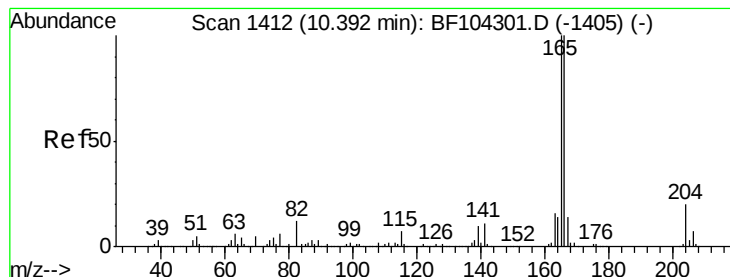
#56
2,4-Dinitrotoluene
Concen: 41.679 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:165 Resp: 140466
Ion Ratio Lower Upper
165 100
63 40.7 36.4 54.6
89 68.9 57.8 86.6
182 2.4 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.354 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

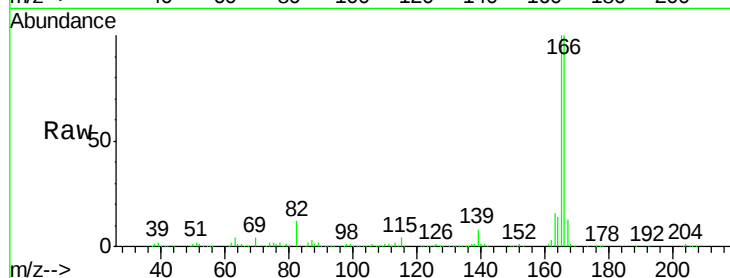
Tot Ion:166 Resp: 503213

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

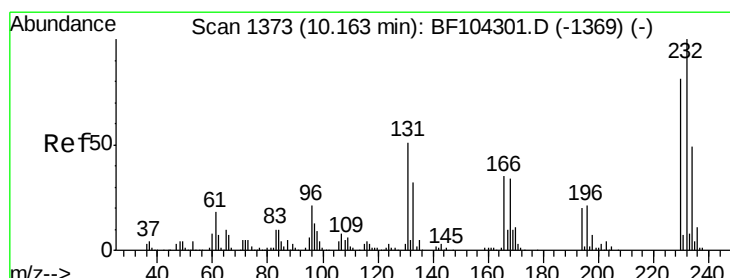
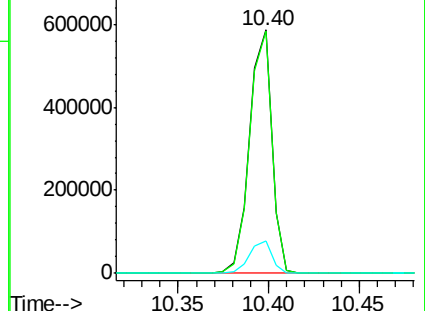
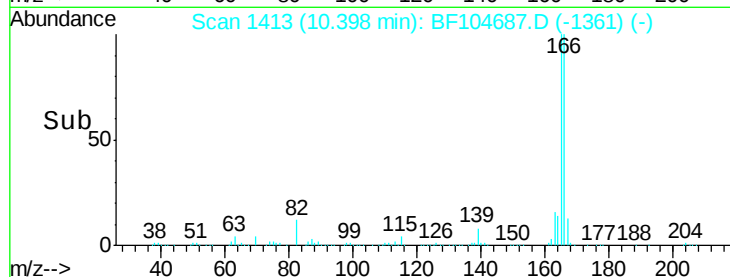
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.269 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:232 Resp: 126392

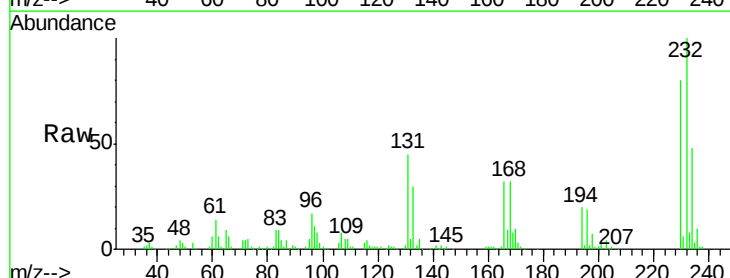
Ion Ratio Lower Upper

232 100

131 49.5 43.8 65.8

130 2.4 2.1 3.1

166 33.5 27.8 41.6

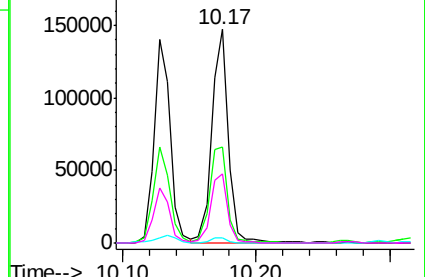
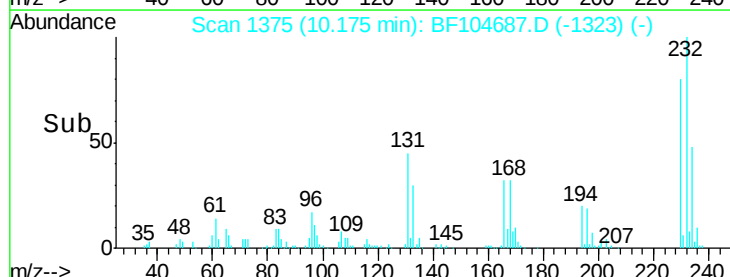


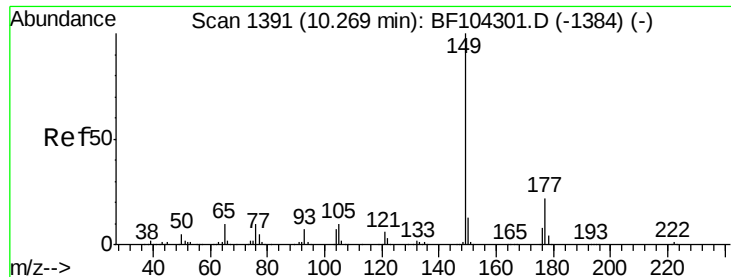
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

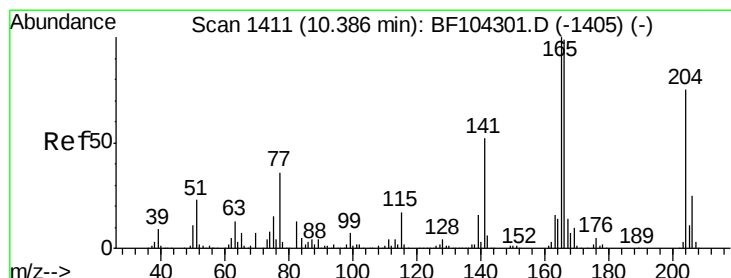
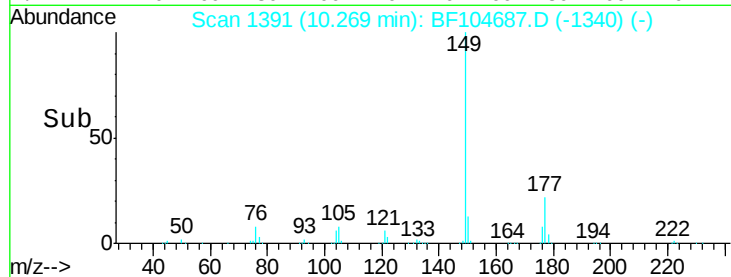
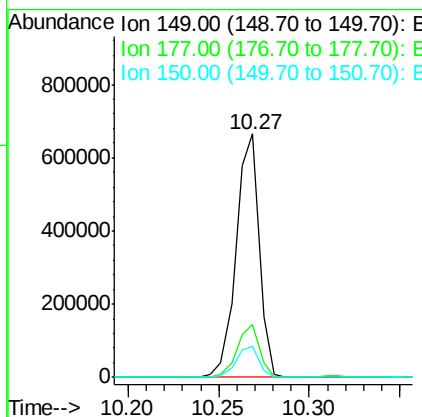
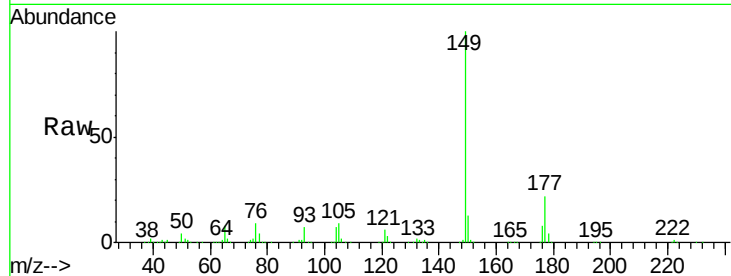




#59
Diethylphthalate
Concen: 42.582 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

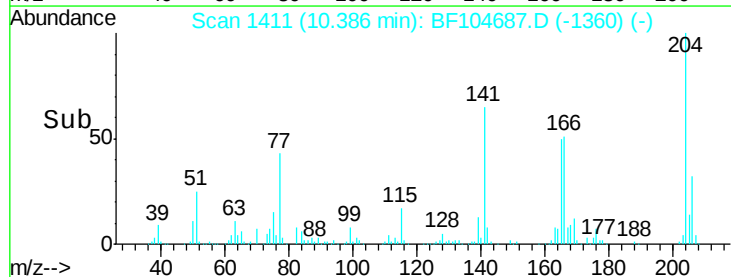
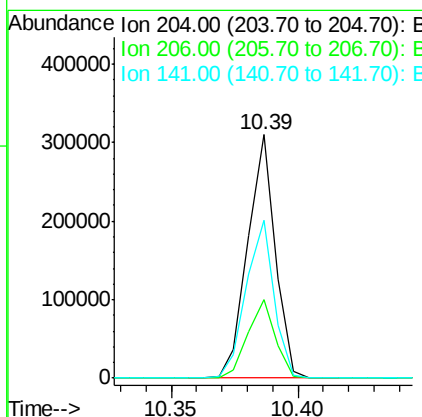
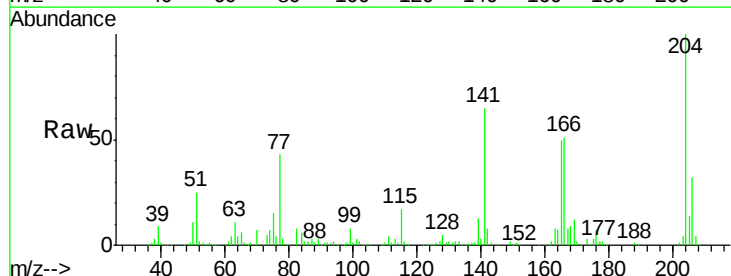
Instrument :
BNA_F
ClientSampleId :
PB108449BS

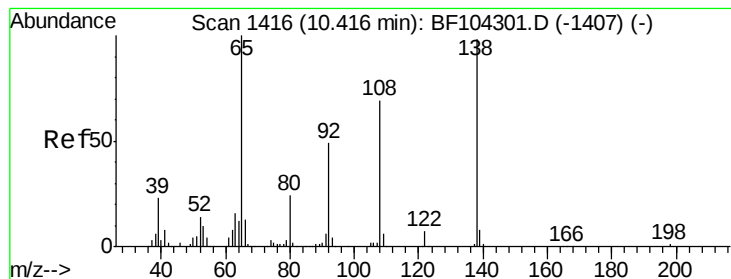
Tot Ion:149 Resp: 588851
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.591 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:204 Resp: 235404
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.7 54.6 81.8





#61

4-Nitroaniline

Concen: 50.448 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

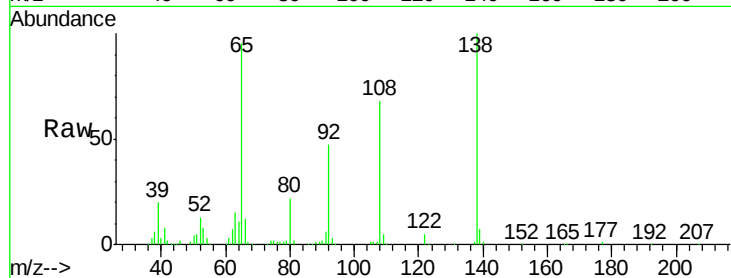
Tot Ion:138 Resp: 148369

Ion Ratio Lower Upper

138 100

92 47.0 30.2 70.2

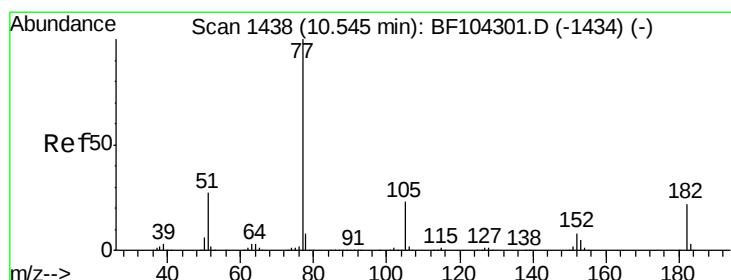
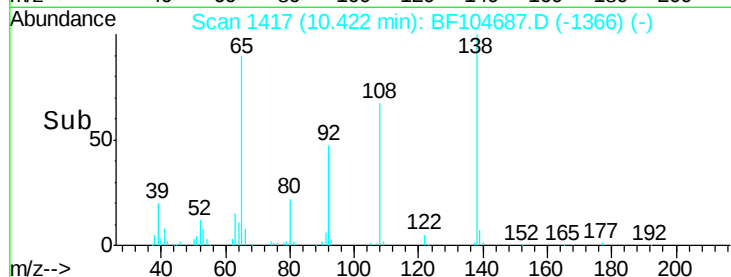
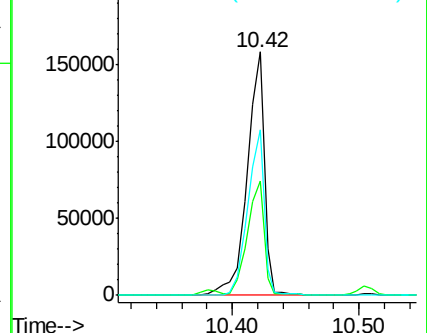
108 68.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.066 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion: 77 Resp: 516134

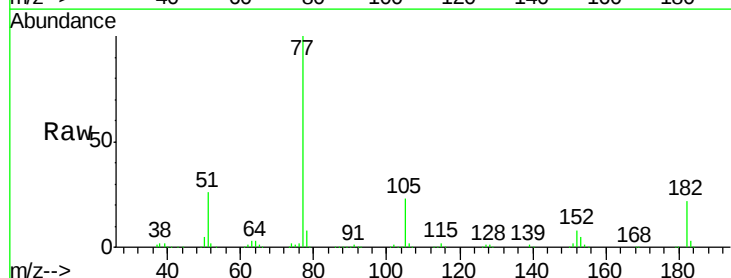
Ion Ratio Lower Upper

77 100

182 22.4 1.7 41.7

105 23.4 3.0 43.0

51 26.0 9.9 49.9

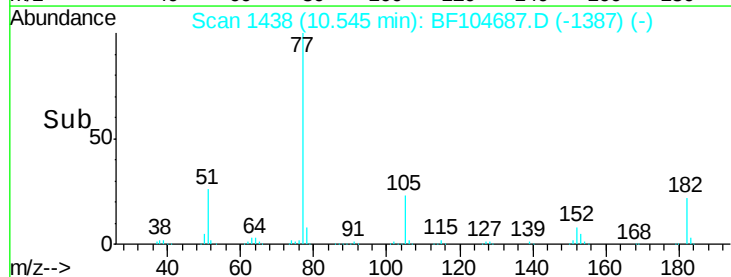
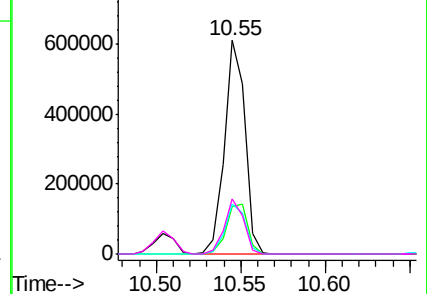


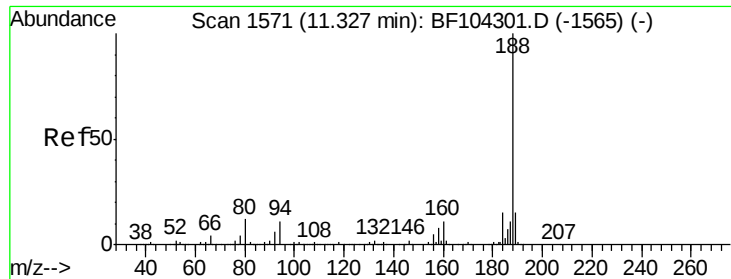
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

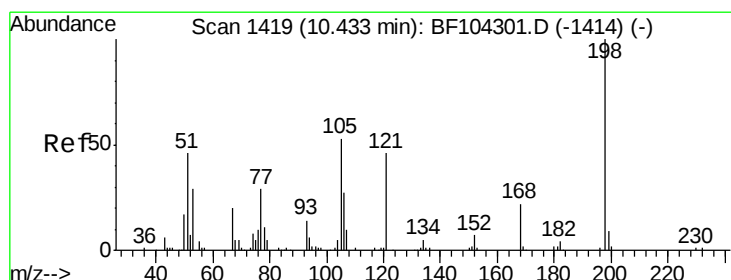
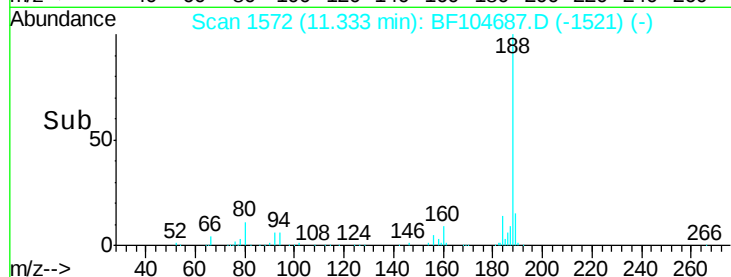
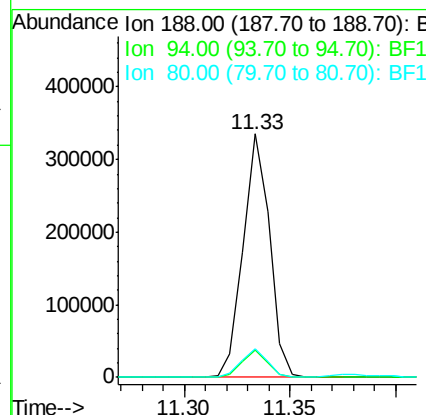
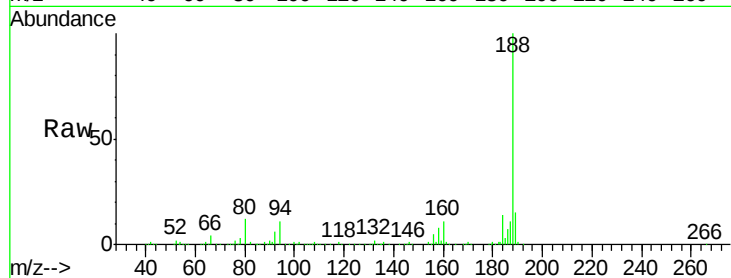




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

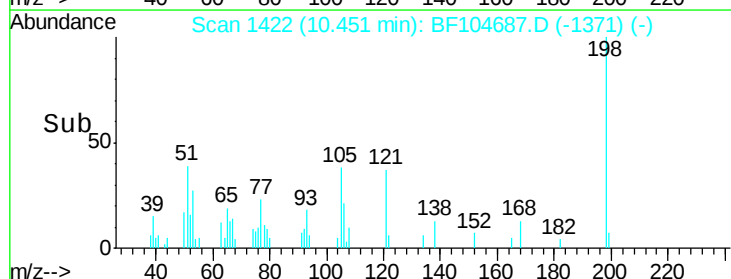
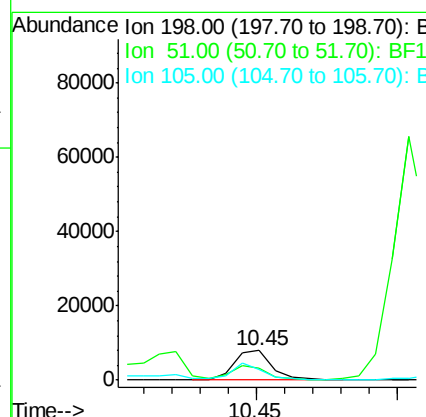
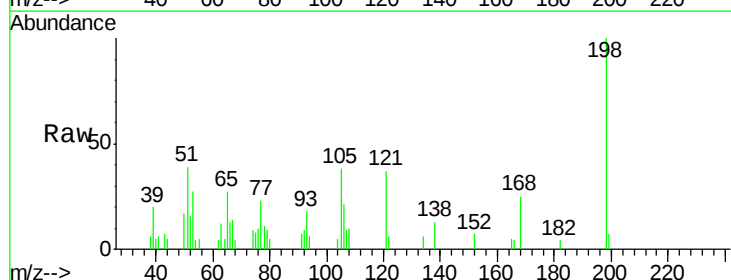
Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion:188 Resp: 289861
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.746 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:198 Resp: 7332
Ion Ratio Lower Upper
198 100
51 38.9 37.7 77.7
105 37.8 36.3 76.3

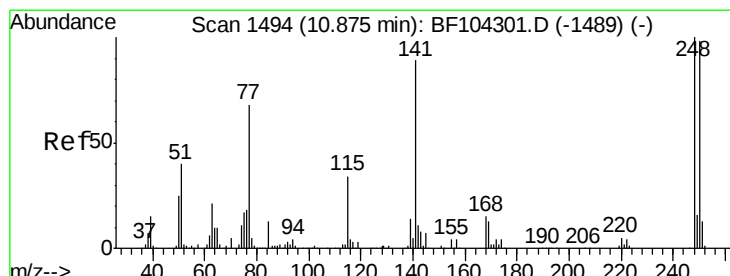
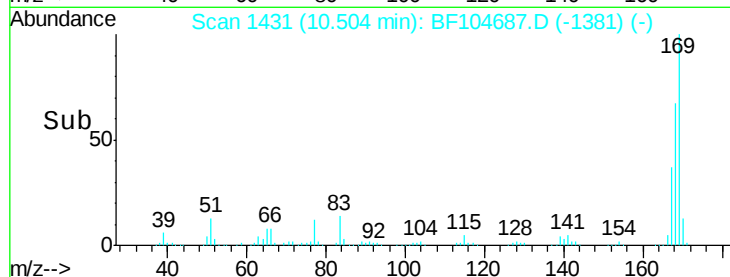
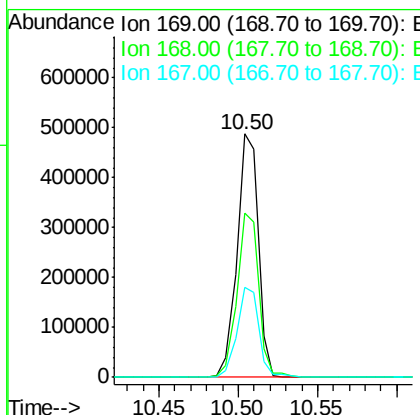
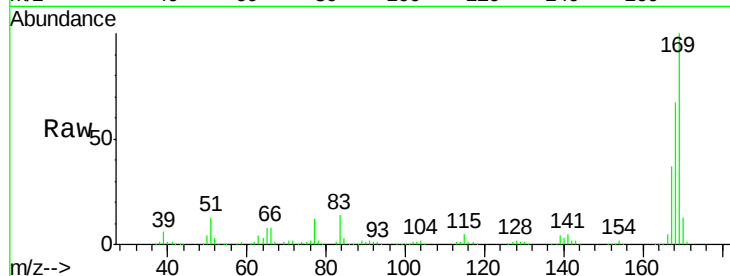




#65
 n-Nitrosodiphenylamine
 Concen: 45.202 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

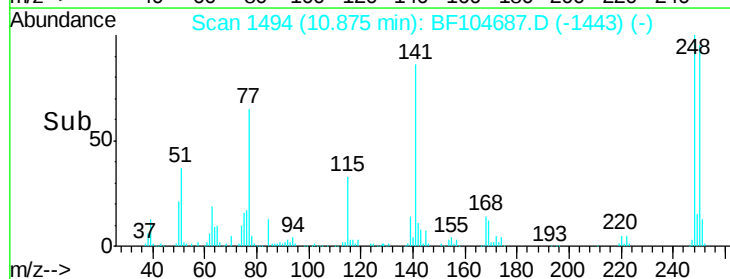
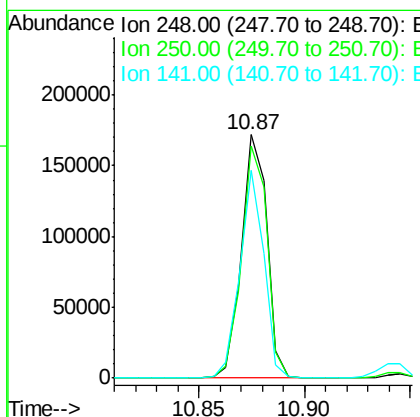
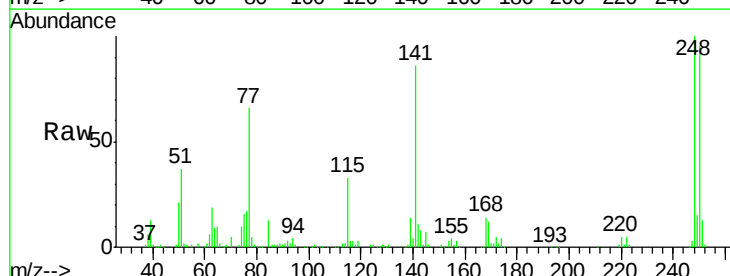
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	169	Resp	454294
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	67.2		
167	36.8		



#66
 4-Bromophenyl-phenylether
 Concen: 46.549 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	248	Resp	143519
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	95.4		
141	85.6		

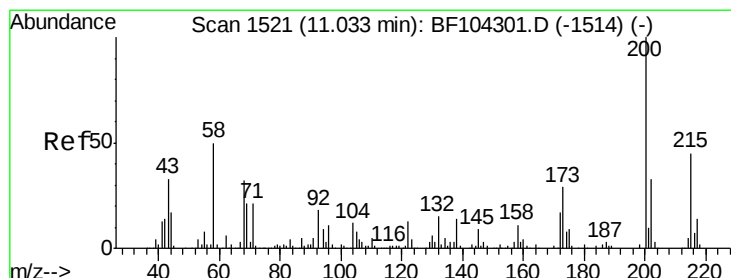
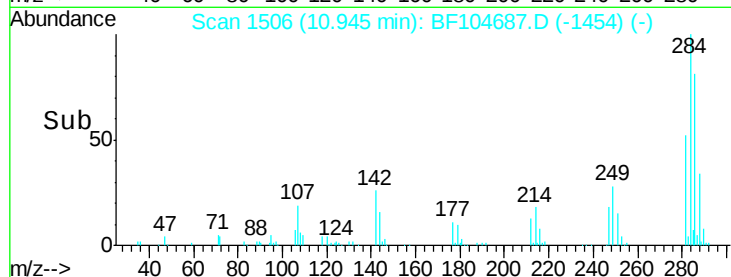
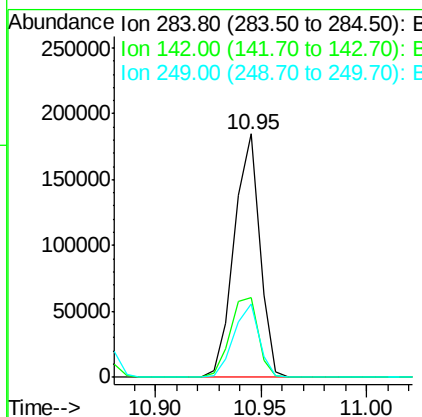
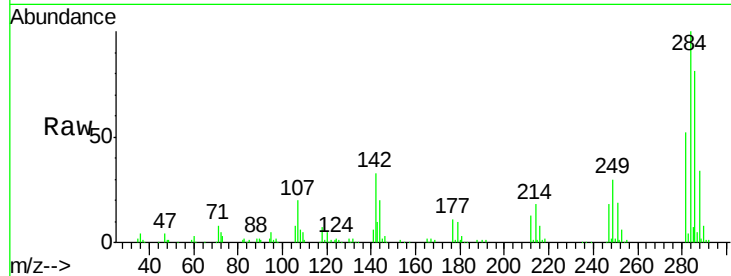




#67
Hexachlorobenzene
Concen: 44.471 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

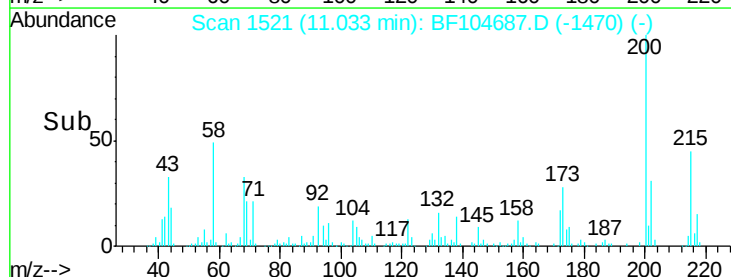
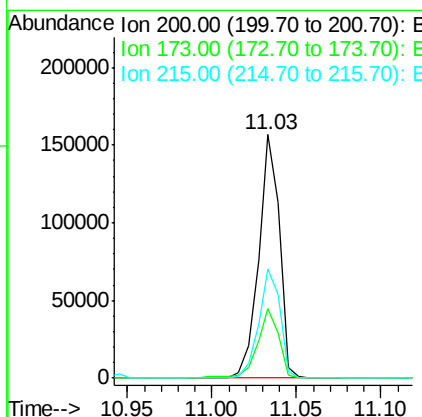
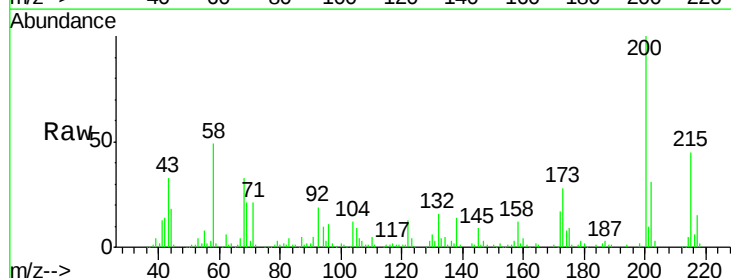
Instrument :
BNA_F
ClientSampleId :
PB108449BS

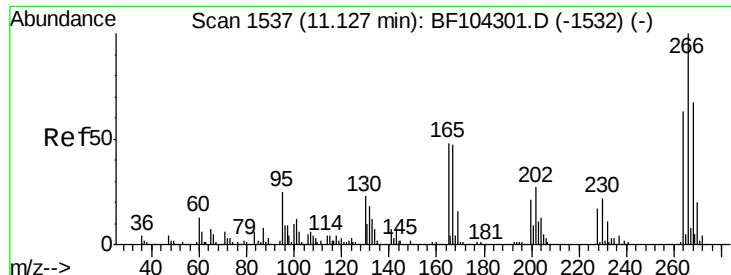
Tot Ion:284 Resp: 154280
Ion Ratio Lower Upper
284 100
142 32.7 34.6 52.0#
249 29.9 24.8 37.2



#68
Atrazine
Concen: 44.120 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:200 Resp: 133843
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 45.1 25.1 65.1

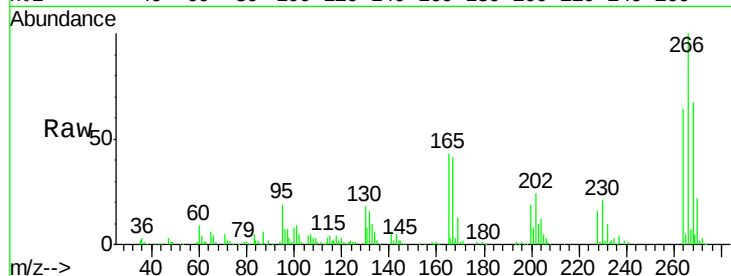




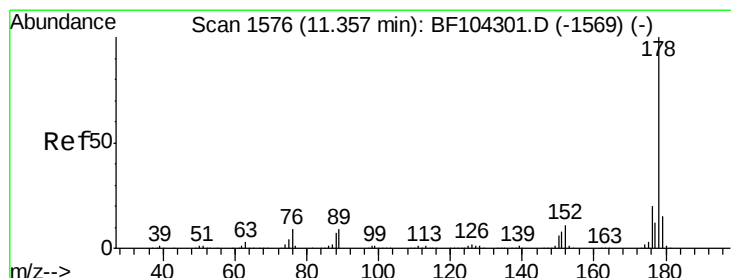
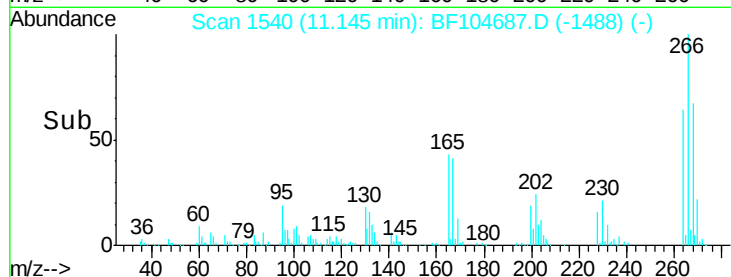
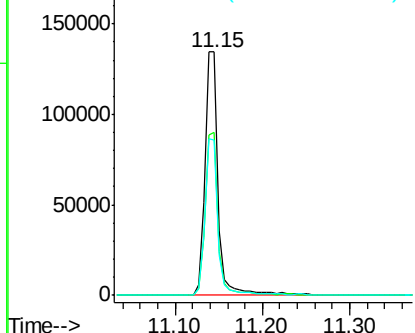
#69
 Pentachlorophenol
 Concen: 66.318 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion:266 Resp: 142334
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 63.9 49.5 74.3

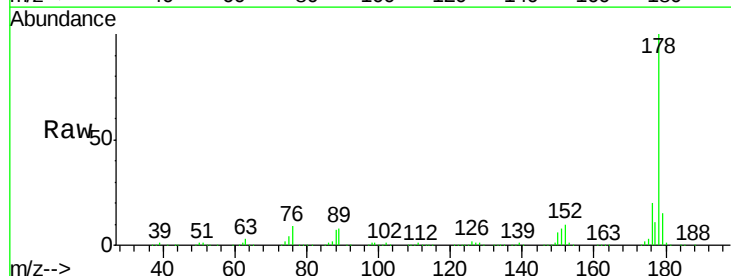


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

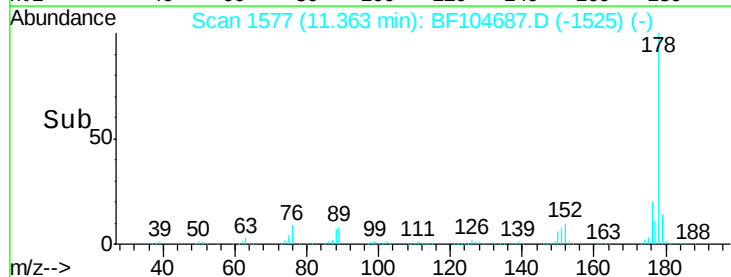
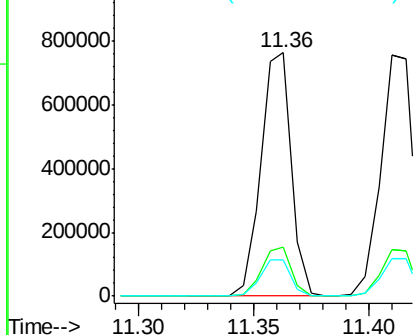


#70
 Phenanthrene
 Concen: 43.393 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:178 Resp: 700456
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.1 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

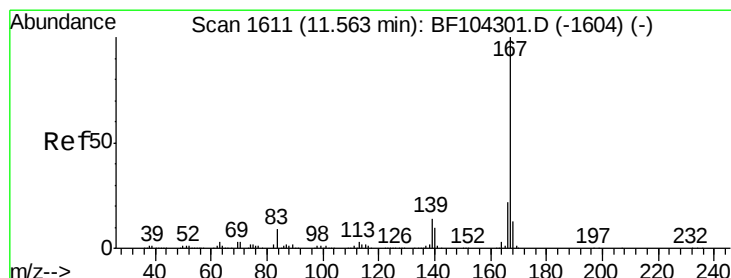
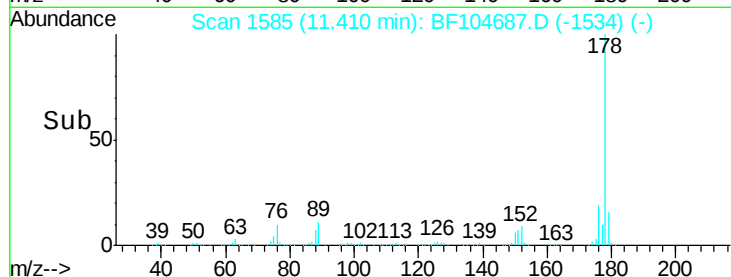
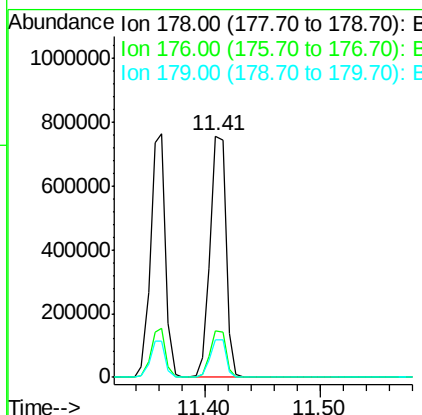
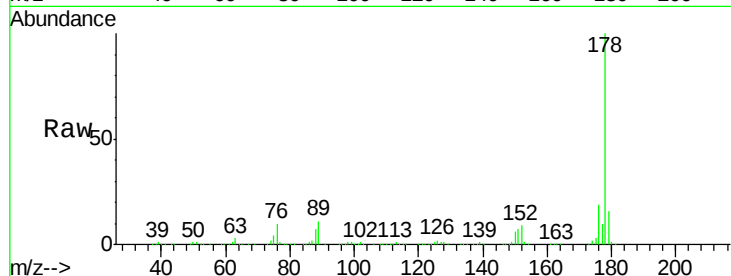




#71
 Anthracene
 Concen: 44.482 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

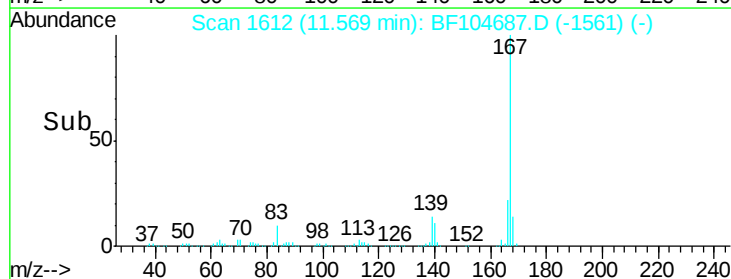
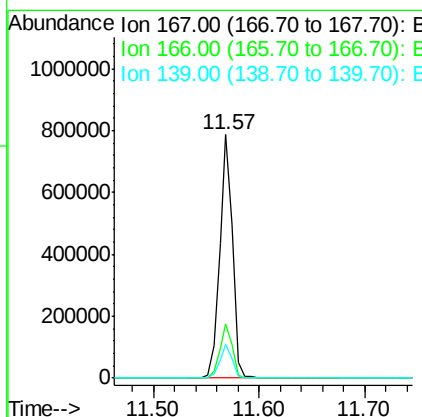
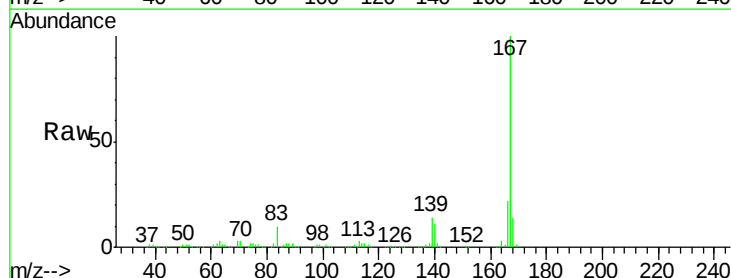
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0



#72
 Carbazole
 Concen: 42.104 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.307 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

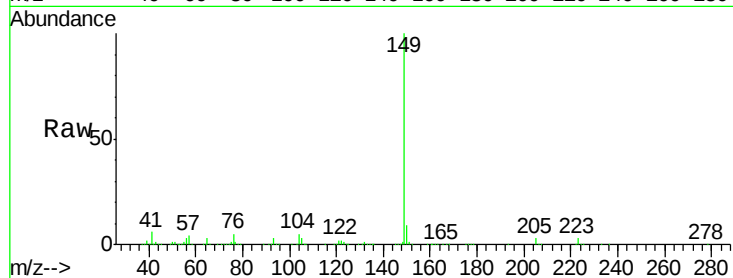
Tot Ion:149 Resp: 848232

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

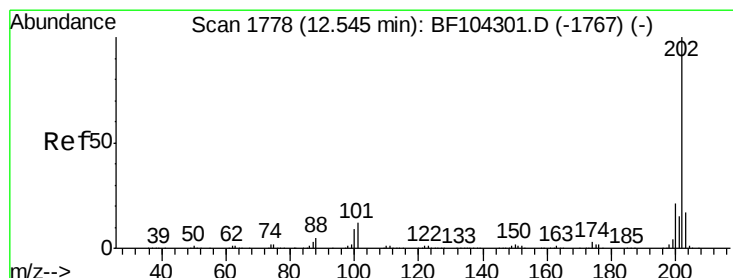
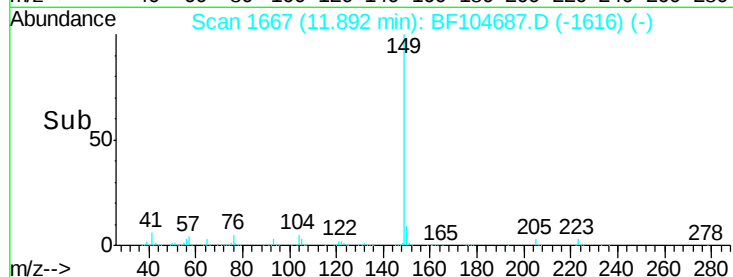
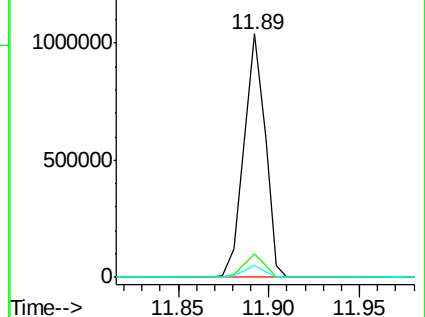
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.053 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

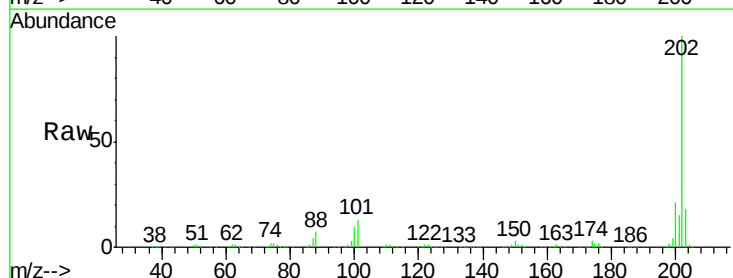
Tgt Ion:202 Resp: 742967

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

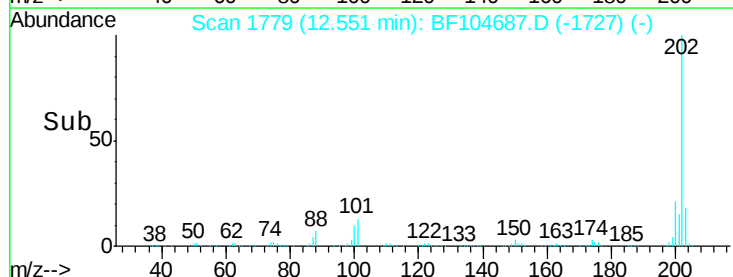
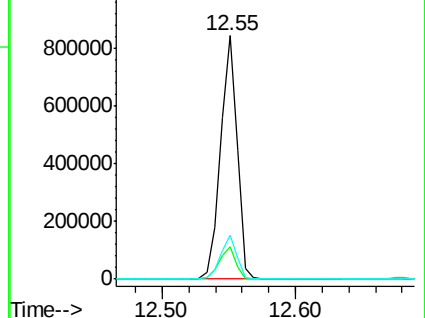
203 18.0 0.0 38.1

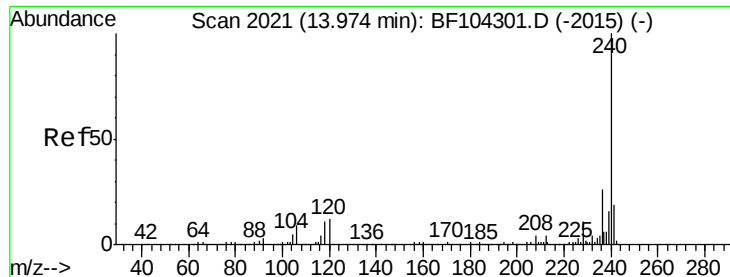


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

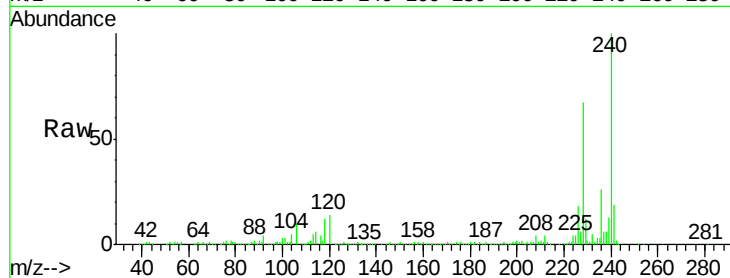
Tot Ion:240 Resp: 212917

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

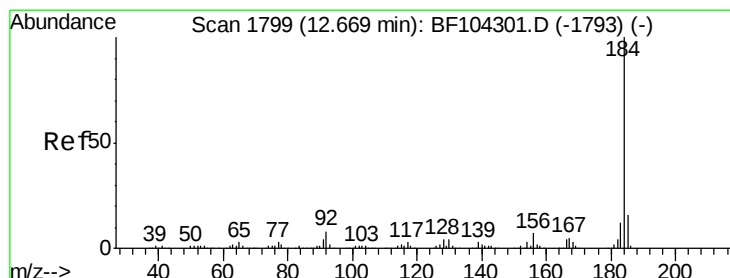
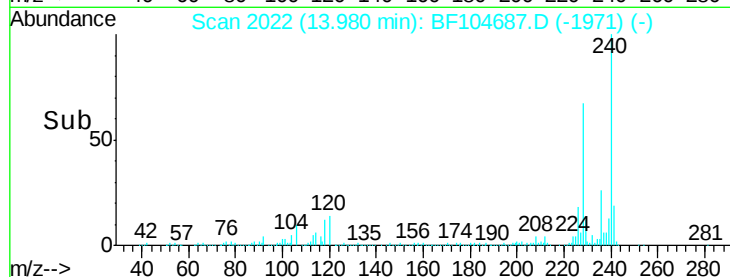
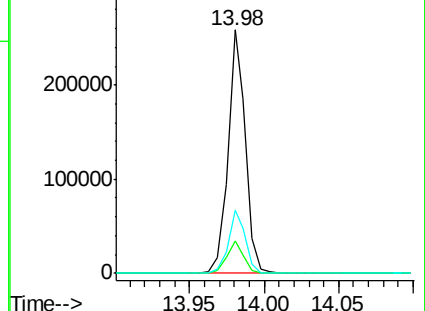
236 25.9 20.7 31.1



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: Below Cal

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

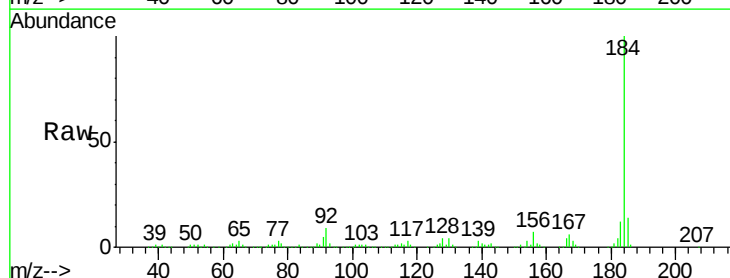
Tgt Ion:184 Resp: 641716

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

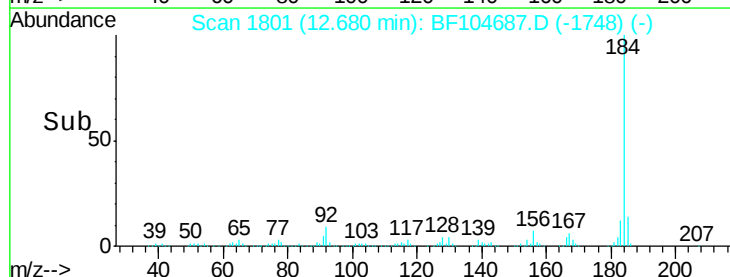
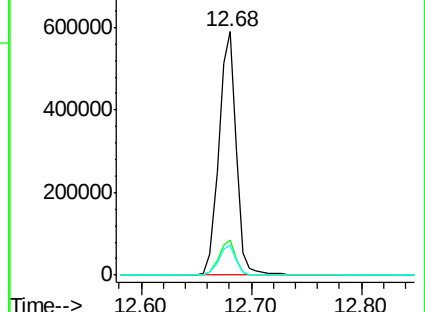
183 12.2 9.3 13.9

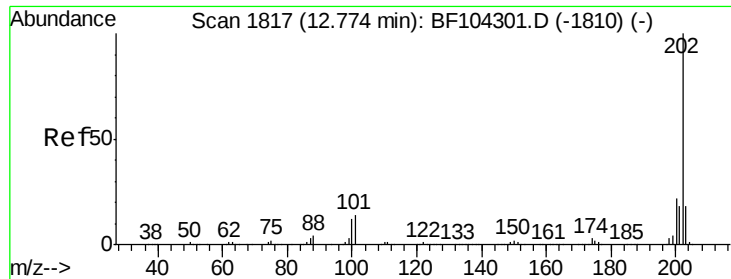


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

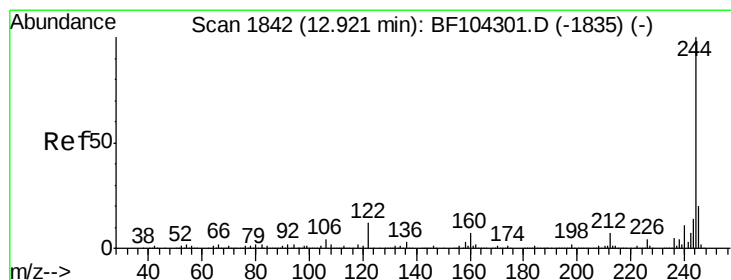
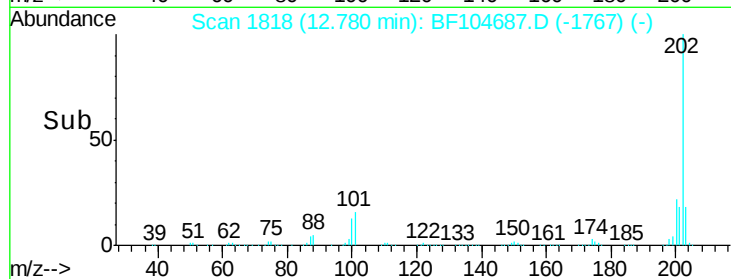
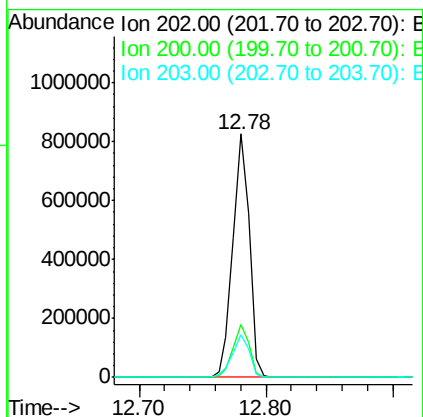
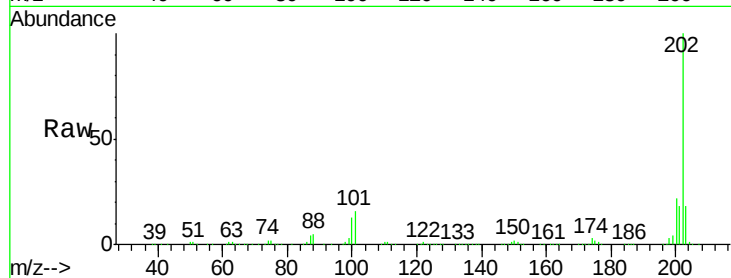




#77
Pvrene
Concen: 46.780 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

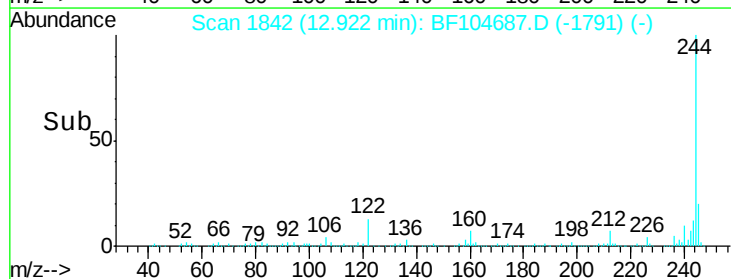
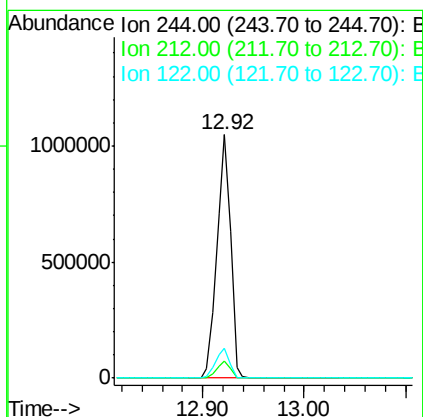
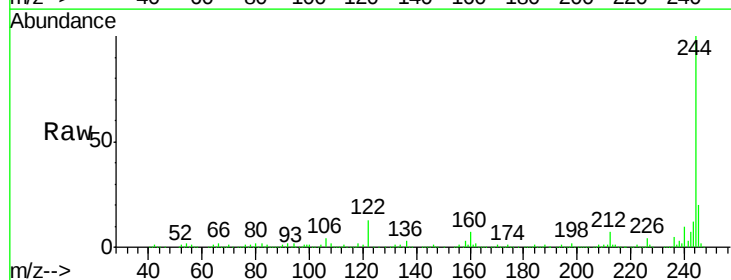
Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion:202 Resp: 738290
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 104.674 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:244 Resp: 977567
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.5 11.0 16.4

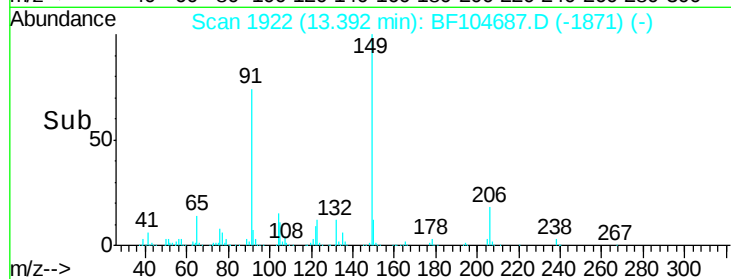
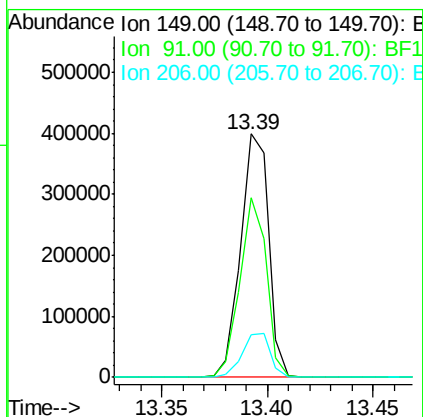
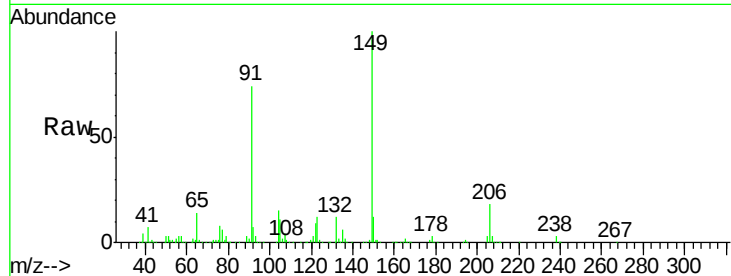




#79
Butylbenzylphthalate
Concen: 49.261 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

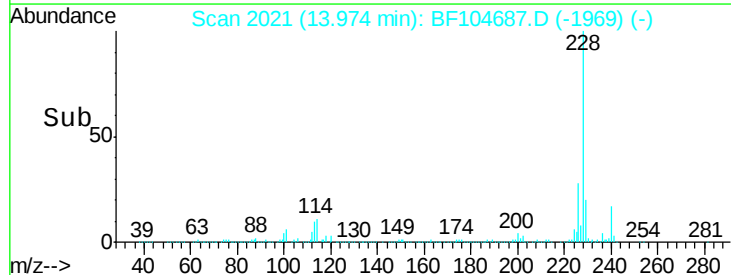
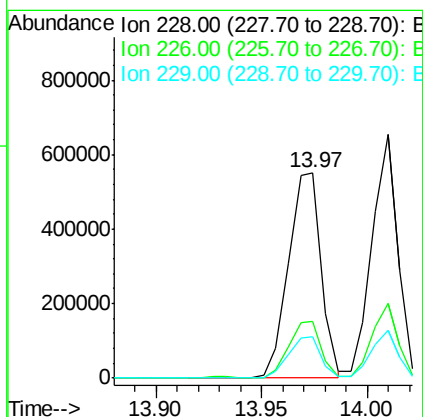
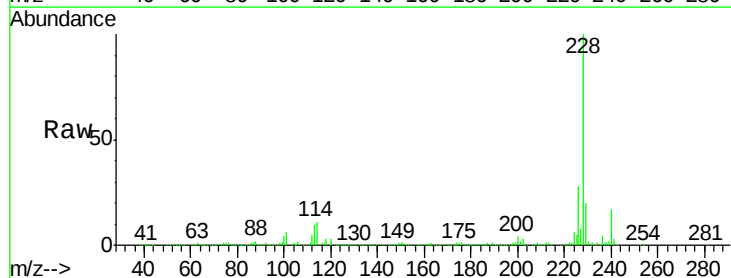
Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion:149 Resp: 366266
Ion Ratio Lower Upper
149 100
91 73.7 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.723 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:228 Resp: 594310
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

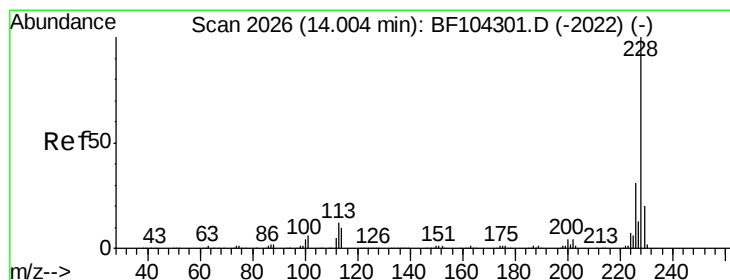
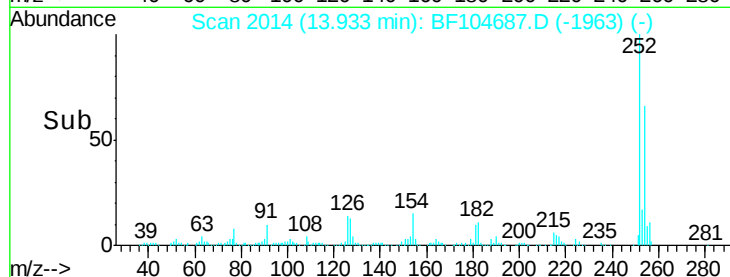
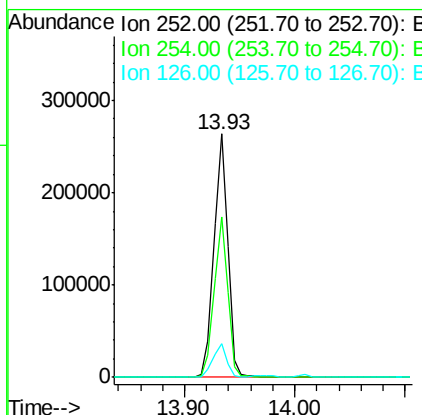
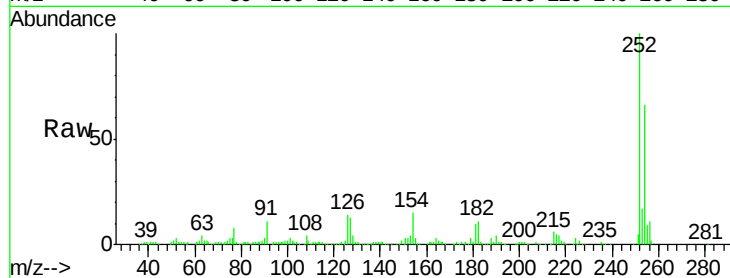




#81
 3,3'-Dichlorobenzidine
 Concen: 48.057 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

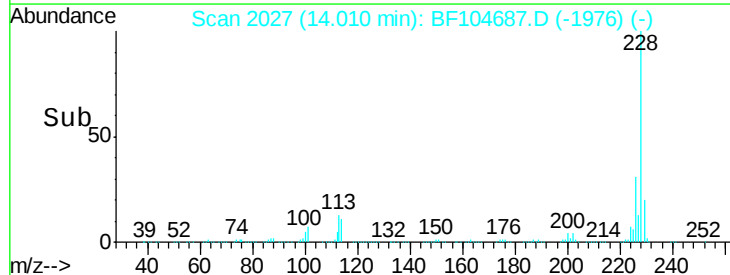
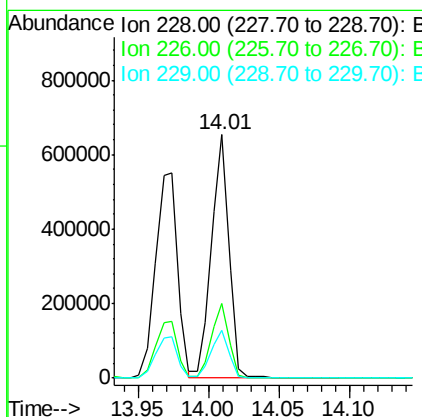
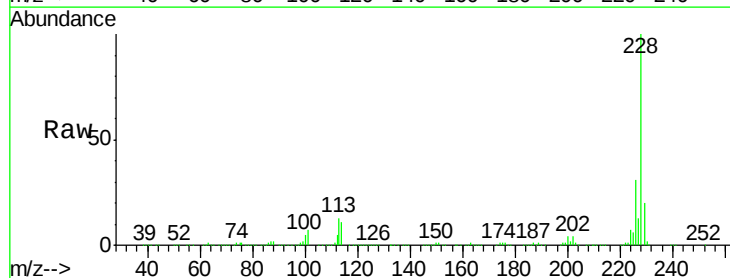
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	13.7	11.3	16.9



#82
 Chrysene
 Concen: 43.194 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.692 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

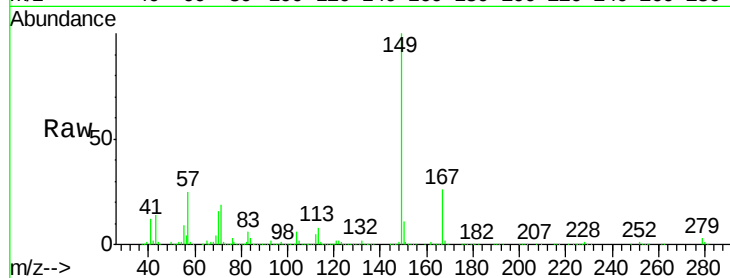
Tot Ion:149 Resp: 494355

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

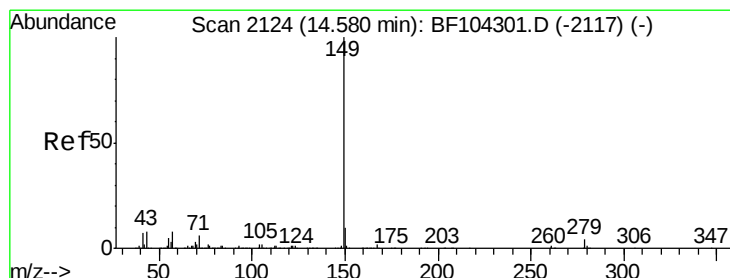
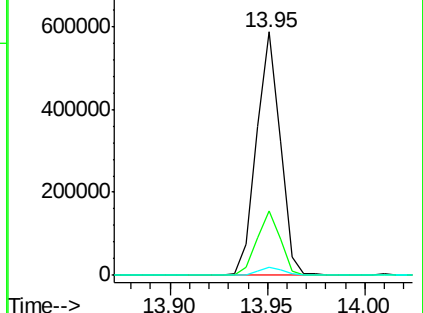
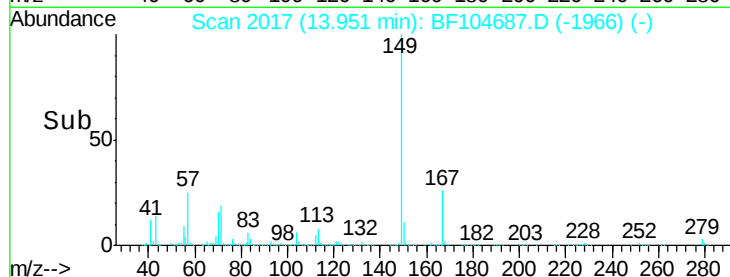
279 3.4 3.0 4.4



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: 50.495 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

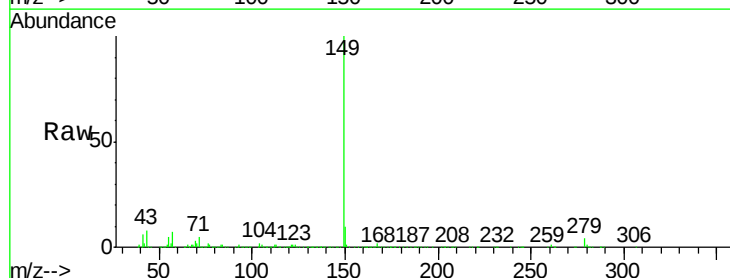
Tgt Ion:149 Resp: 806896

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

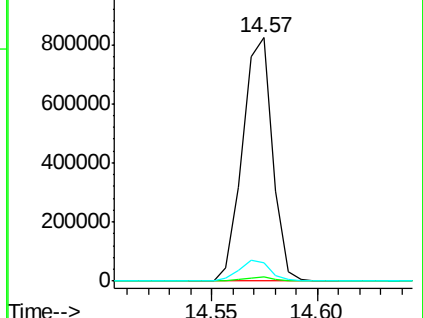
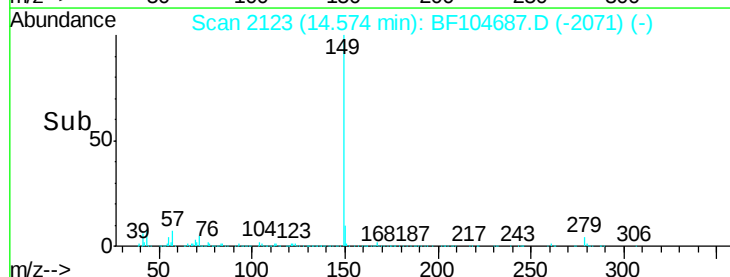
43 8.5 8.4 12.6

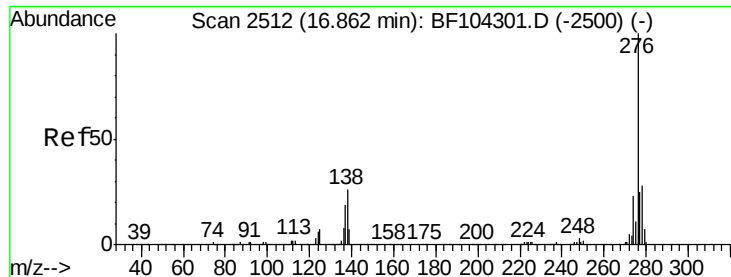


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

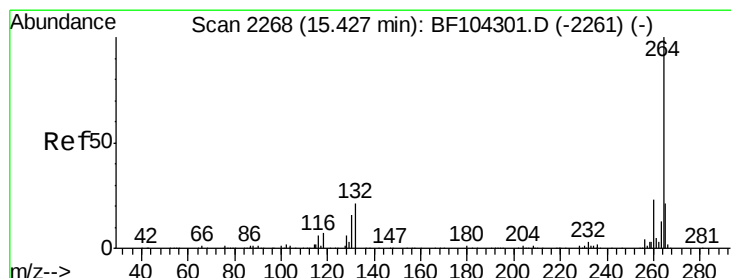
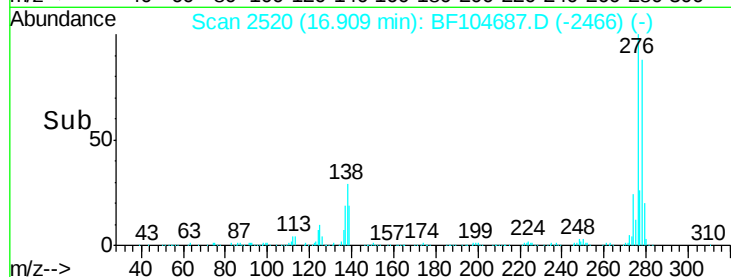
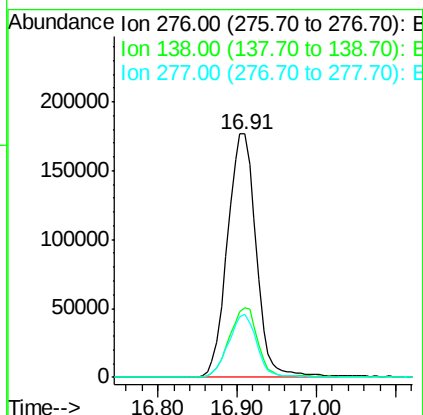
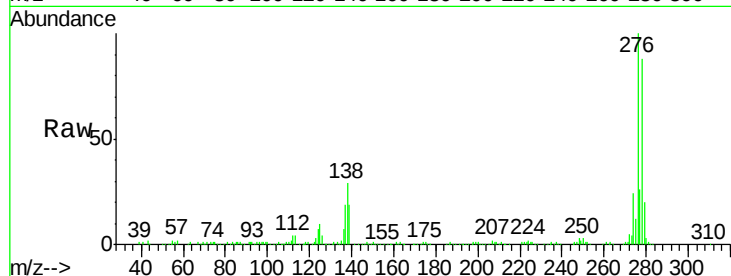




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.022 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.02 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

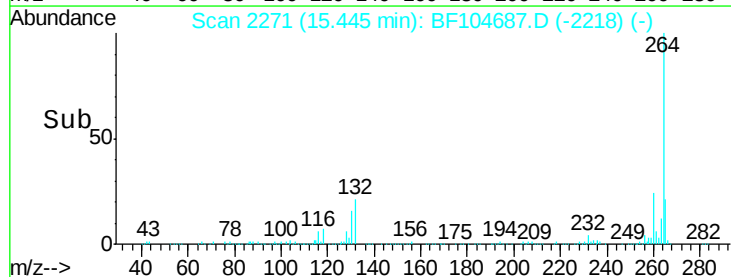
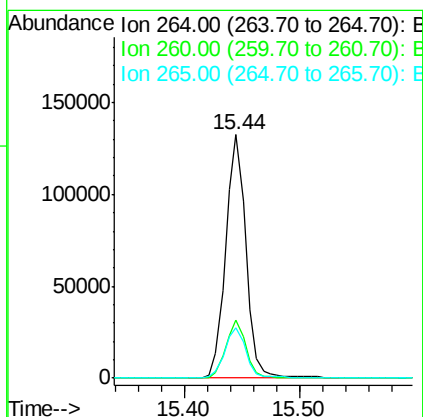
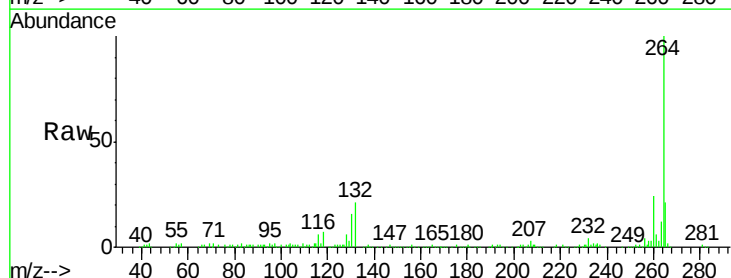
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

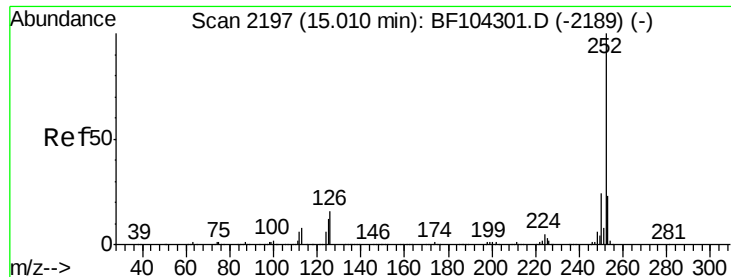
Tot Ion:276 Resp: 444194
 Ion Ratio Lower Upper
 276 100
 138 29.2 25.0 37.6
 277 25.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:264 Resp: 160939
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.6 17.5 26.3

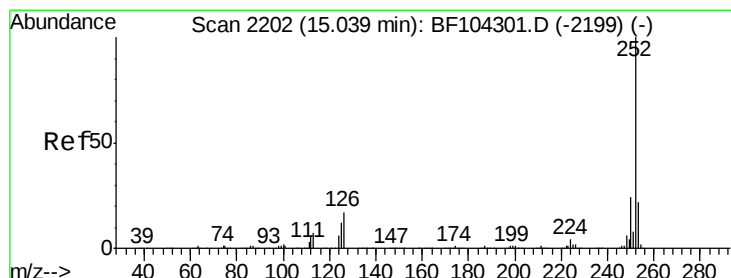
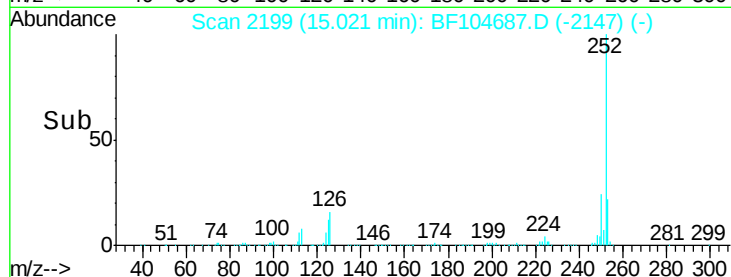
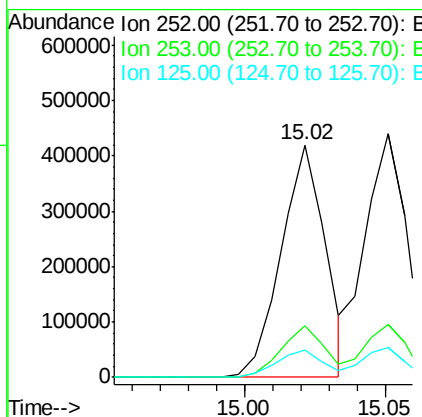
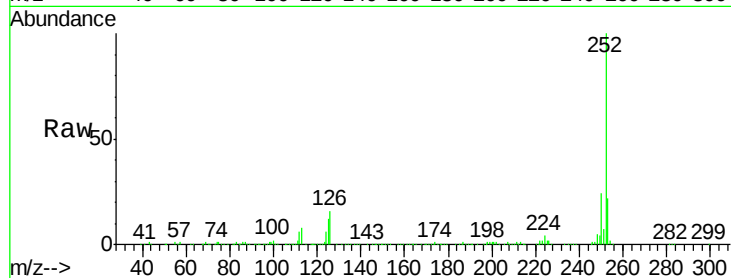




#87
Benzo(b)fluoranthene
Concen: 44.744 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

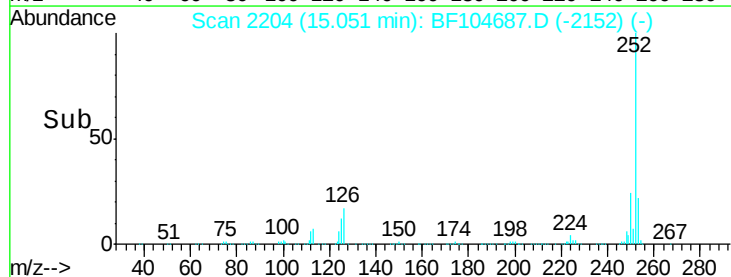
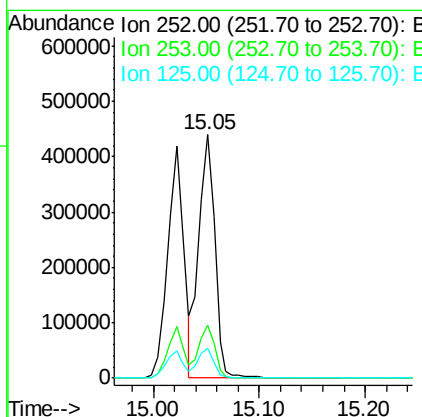
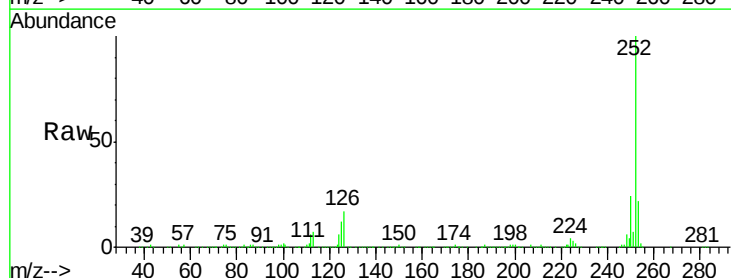
Instrument :
BNA_F
ClientSampleId :
PB108449BS

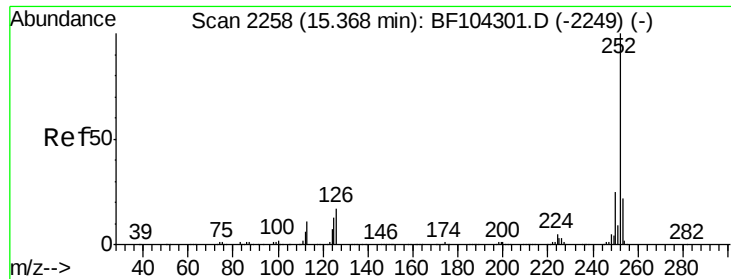
Tot Ion:252 Resp: 454811
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.976 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion:252 Resp: 460391
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.292 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

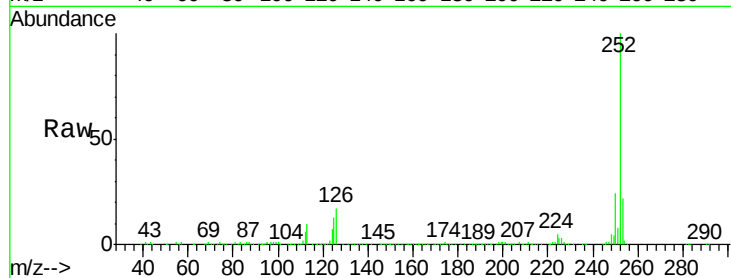
Tot Ion:252 Resp: 421014

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

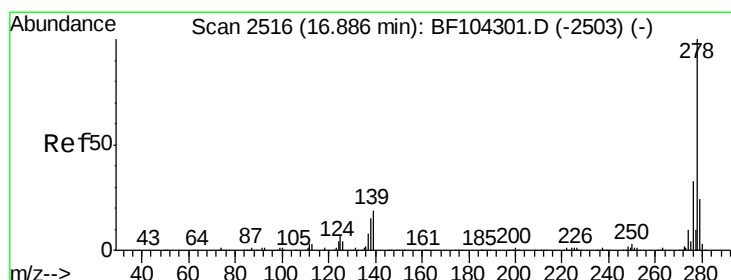
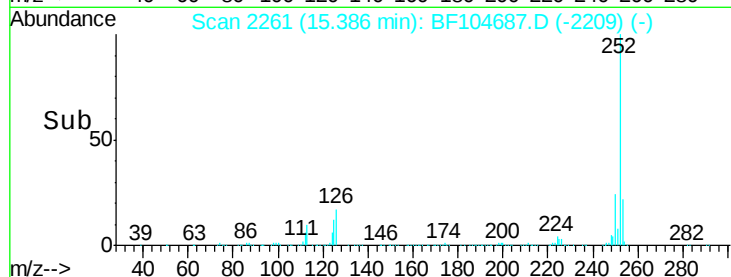
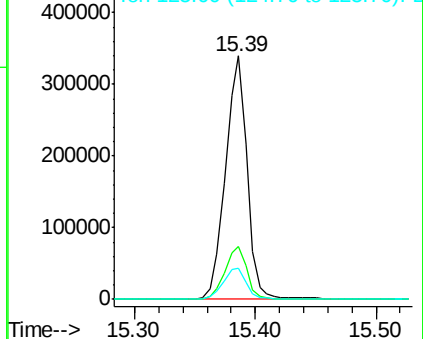
125 12.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.349 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

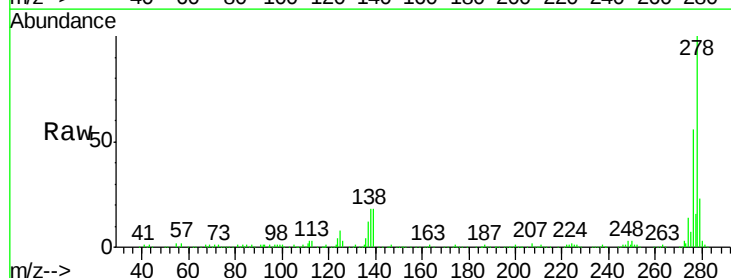
Tgt Ion:278 Resp: 376089

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

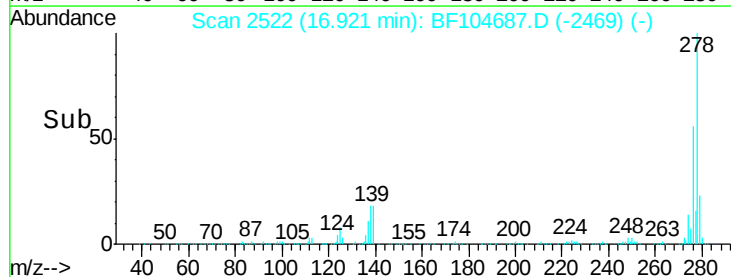
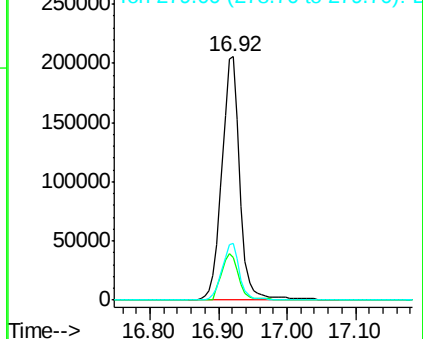
279 23.3 19.0 28.4

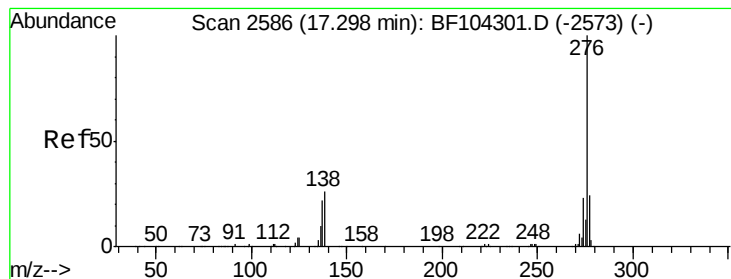


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.443 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

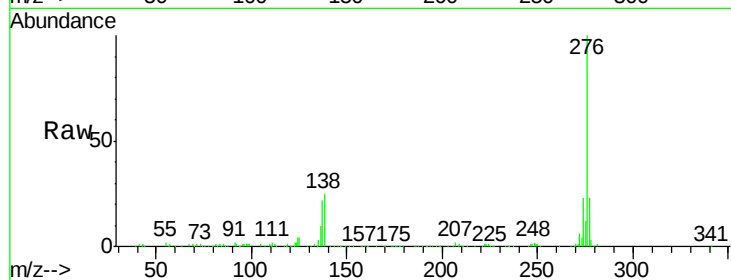
Tot Ion:276 Resp: 365041

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 24.6 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

