

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105074.D
 Acq On : 3 May 2018 16:00
 Operator : JU/SJ
 Sample : PB108807BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Quant Time: May 04 01:53:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97529	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	418729	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	207911	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	408351	20.00	ng	0.00
75) Chrysene-d12	14.03	240	301139	20.00	ng	0.00
86) Perylene-d12	15.59	264	242054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	671317	105.25	ng	0.01
7) Phenol-d6	6.44	99	779134	99.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	483564	75.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	245234	113.71	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	980116	74.47	ng	-0.01
78) Terphenyl-d14	12.91	244	1050642	79.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	81635	27.468	ng	88
3) Pyridine	3.32	79	220750	26.418	ng	# 83
4) n-Nitrosodimethylamine	3.26	42	82988	28.411	ng	82
6) Aniline	6.46	93	78946	7.251	ng	# 1
8) 2-Chlorophenol	6.57	128	261044	38.776	ng	93
9) Benzaldehyde	6.33	77	160763	40.831	ng	94
10) Phenol	6.45	94	295047	35.482	ng	88
11) bis(2-Chloroethyl)ether	6.52	93	242551	36.553	ng	91
12) 1,3-Dichlorobenzene	6.72	146	267714	35.102	ng	99
13) 1,4-Dichlorobenzene	6.80	146	273984	36.038	ng	98
14) 1,2-Dichlorobenzene	6.95	146	249985	35.482	ng	97
15) Benzyl Alcohol	6.94	79	197595	33.196	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	259739	29.147	ng	# 11
17) 2-Methylphenol	7.06	107	206862	35.349	ng	# 87
18) Hexachloroethane	7.28	117	98764	36.435	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	170099	33.215	ng	92
20) 3+4-Methylphenols	7.22	107	289346	39.867	ng	94
22) Acetophenone	7.20	105	357747	34.703	ng	# 92
24) Nitrobenzene	7.37	77	260734	36.827	ng	99
25) Isophorone	7.61	82	472958	34.878	ng	99
26) 2-Nitrophenol	7.69	139	145159	50.363	ng	94
27) 2,4-Dimethylphenol	7.73	122	231437	38.672	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	304276	36.700	ng	99
29) 2,4-Dichlorophenol	7.94	162	228038	39.935	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	227768	36.346	ng	97
31) Naphthalene	8.09	128	755564	36.237	ng	99
32) Benzoic acid	7.89	122	152865	32.013	ng	93
33) 4-Chloroaniline	8.17	127	79164	8.862	ng	96
34) Hexachlorobutadiene	8.19	225	124538	36.282	ng	99
35) Caprolactam	8.54	113	73696	36.996	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	245731	40.134	ng	99
37) 2-Methylnaphthalene	8.78	142	510602	37.859	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224365	37.698	ng	100
40) Hexachlorocyclopentadiene	8.92	237	194674	58.427	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105074.D
 Acq On : 3 May 2018 16:00
 Operator : JU/SJ
 Sample : PB108807BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Quant Time: May 04 01:53:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

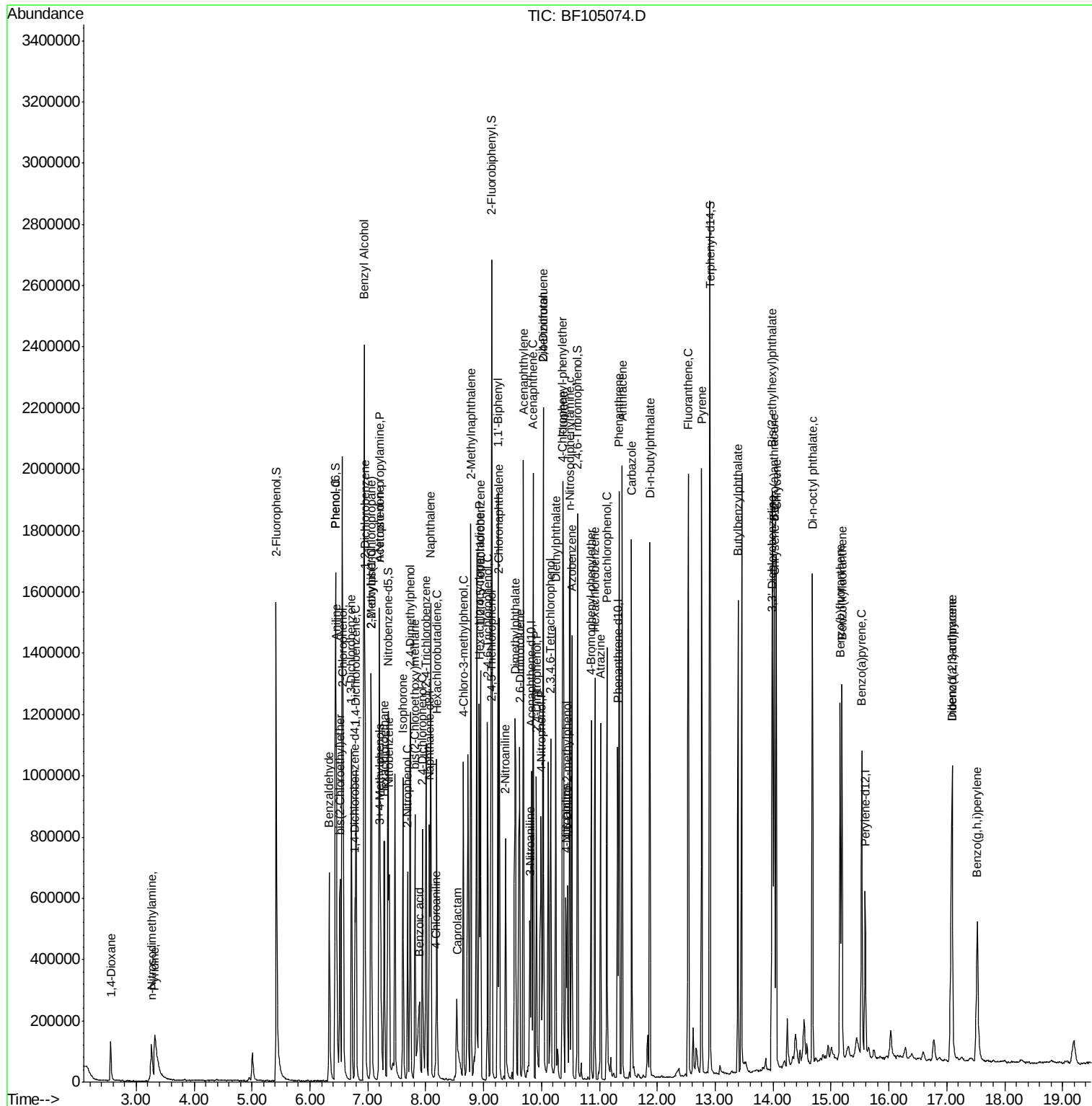
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158620	38.393	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	171126	37.014	nq	95
45) 1,1'-Biphenyl	9.25	154	624000	35.727	nq	99
46) 2-Chloronaphthalene	9.27	162	491514	35.628	nq	99
47) 2-Nitroaniline	9.38	65	139603	40.919	nq	94
48) Acenaphthylene	9.69	152	725773	33.530	nq	100
49) Dimethylphthalate	9.55	163	610795	37.254	nq	100
50) 2,6-Dinitrotoluene	9.62	165	134796	44.432	nq	91
51) Acenaphthene	9.86	154	436112	33.022	nq	100
52) 3-Nitroaniline	9.80	138	89003	25.060	nq	95
53) 2,4-Dinitrophenol	9.91	184	150447	104.614	nq	# 23
54) Dibenzofuran	10.03	168	641312	34.845	nq	98
55) 4-Nitrophenol	9.99	139	172655	61.885	nq	92
56) 2,4-Dinitrotoluene	10.03	165	167584	42.112	nq	# 96
57) Fluorene	10.37	166	540746	40.365	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	140434	40.715	nq	96
59) Diethylphthalate	10.25	149	621268	38.048	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	251439	42.145	nq	99
61) 4-Nitroaniline	10.42	138	128915	37.122	nq	96
62) Azobenzene	10.53	77	533274	34.184	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	96223	48.325	nq	# 72
65) n-Nitrosodiphenylamine	10.49	169	482644	34.088	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	157762	36.321	nq	# 90
67) Hexachlorobenzene	10.92	284	176826	36.180	nq	94
68) Atrazine	11.02	200	144079	33.713	nq	99
69) Pentachlorophenol	11.13	266	176885	58.502	nq	96
70) Phenanthrene	11.35	178	790000	34.739	nq	99
71) Anthracene	11.39	178	823985	35.645	nq	99
72) Carbazole	11.56	167	749910	33.198	nq	99
73) Di-n-butylphthalate	11.87	149	971613	35.212	nq	99
74) Fluoranthene	12.53	202	813878	34.254	nq	99
77) Pyrene	12.77	202	819070	36.694	nq	100
79) Butylbenzylphthalate	13.39	149	401618	38.191	nq	99
80) Benzo(a)anthracene	14.02	228	704966	39.186	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	124596	18.575	nq	99
82) Chrysene	14.06	228	672302	36.382	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	549057	40.592	nq	98
84) Di-n-octyl phthalate	14.68	149	870953	38.536	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.09	276	508038	32.364	nq	95
87) Benzo(b)fluoranthene	15.16	252	605135	39.583	nq	99
88) Benzo(k)fluoranthene	15.19	252	544507	37.727	nq	96
89) Benzo(a)pyrene	15.53	252	529524	38.712	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	423813	37.725	nq	97
91) Benzo(g,h,i)perylene	17.53	276	424000	38.956	nq	95

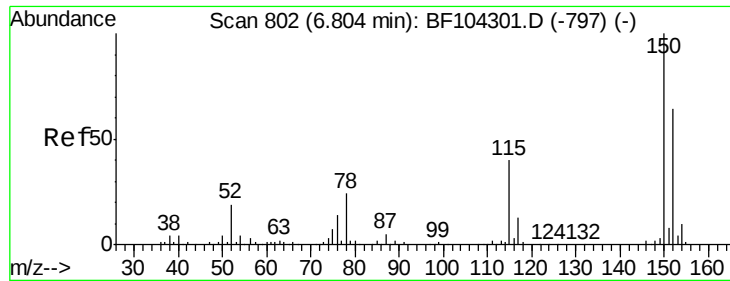
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105074.D
Acq On : 3 May 2018 16:00
Operator : JU/SJ
Sample : PB108807BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Quant Time: May 04 01:53:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration



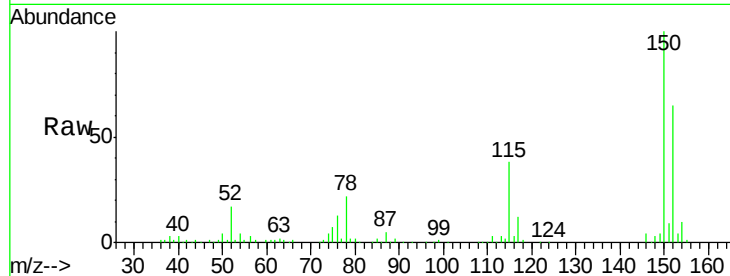


#1

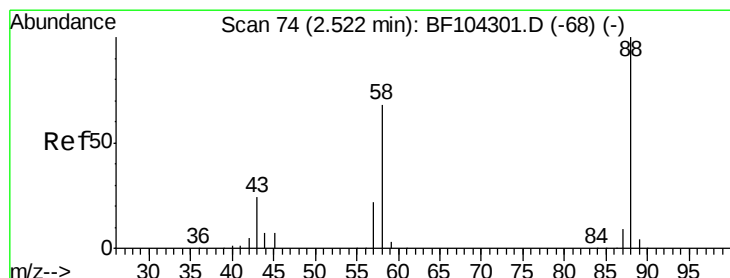
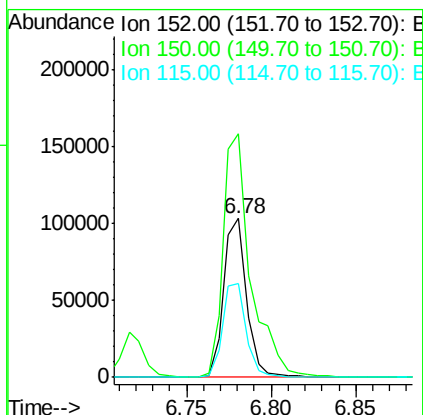
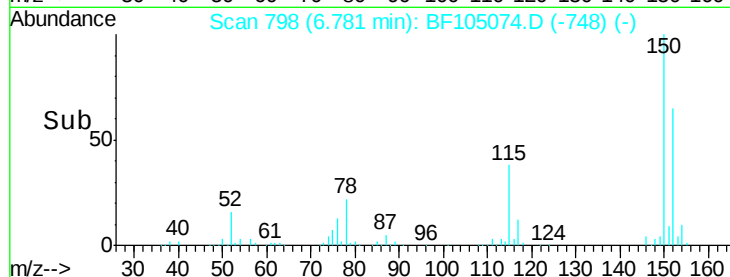
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:152 Resp: 97529
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 58.9 50.1 75.1



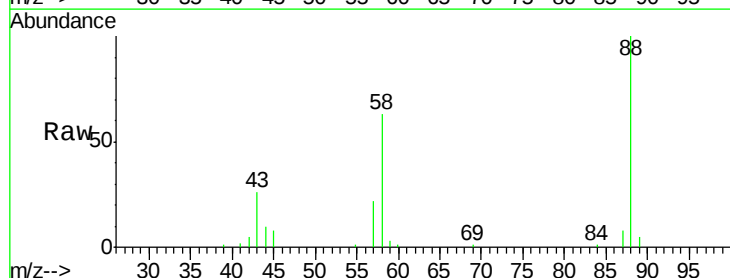
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



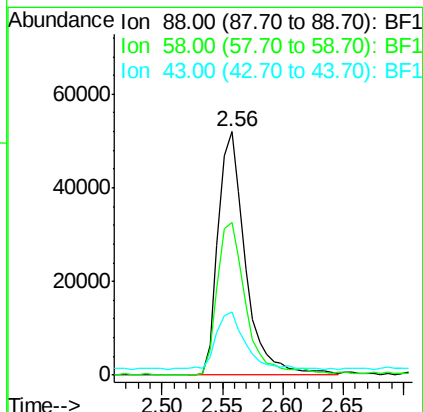
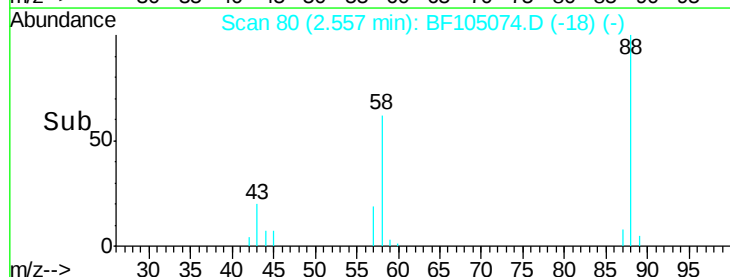
#2

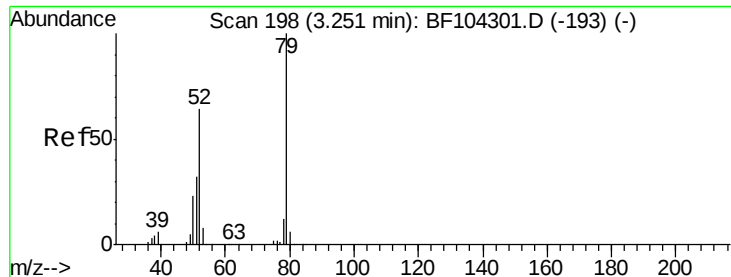
1,4-Dioxane
Concen: 27.468 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion: 88 Resp: 81635
Ion Ratio Lower Upper
88 100
58 66.3 62.6 93.8
43 27.1 24.6 37.0



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





#3

Pvridine

Concen: 26.418 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.10 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

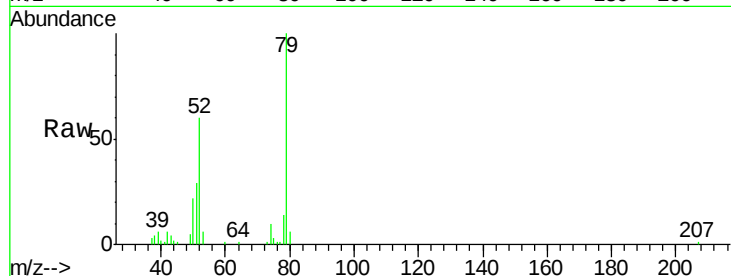
Tot Ion: 79 Resp: 220750

Ion Ratio Lower Upper

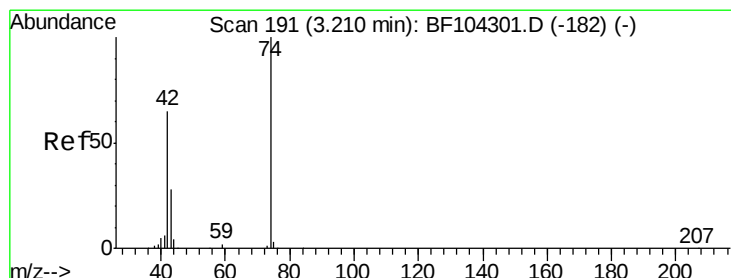
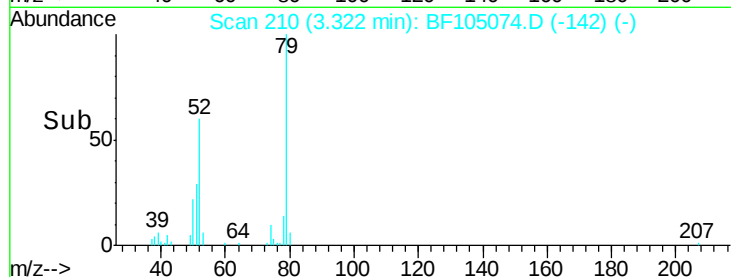
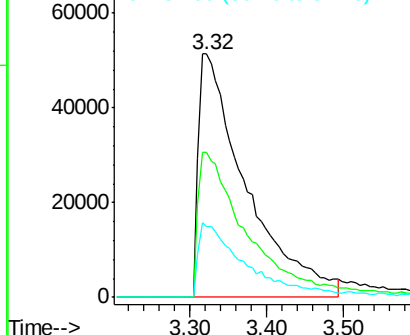
79 100

52 59.6 59.8 89.6#

51 29.0 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: 28.411 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.05 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

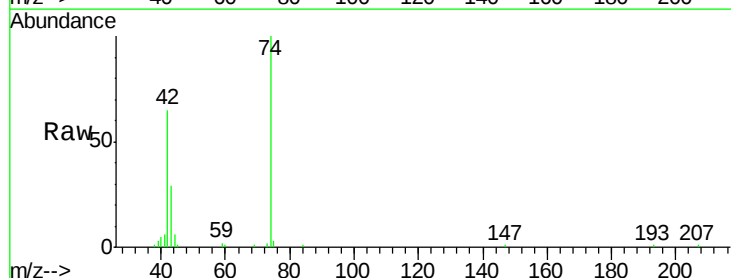
Tgt Ion: 42 Resp: 82988

Ion Ratio Lower Upper

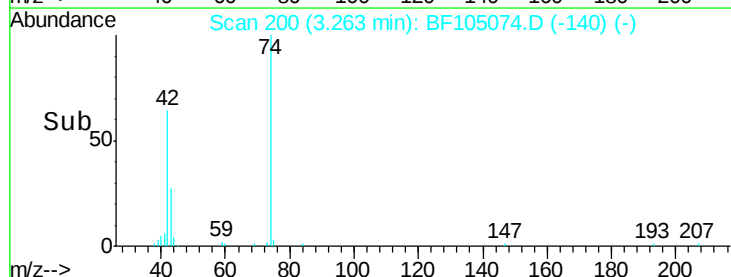
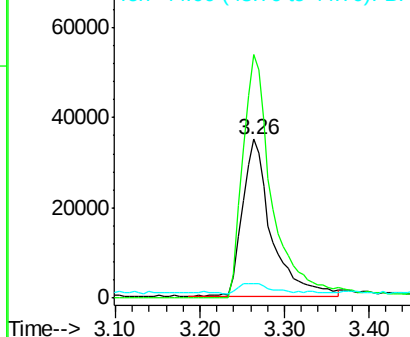
42 100

74 153.3 104.9 157.3

44 9.5 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: 105.249 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

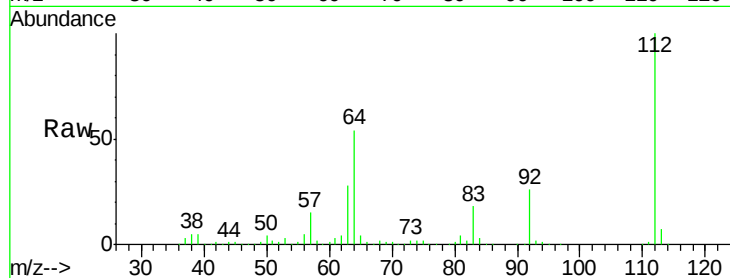
Tot Ion:112 Resp: 671317

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

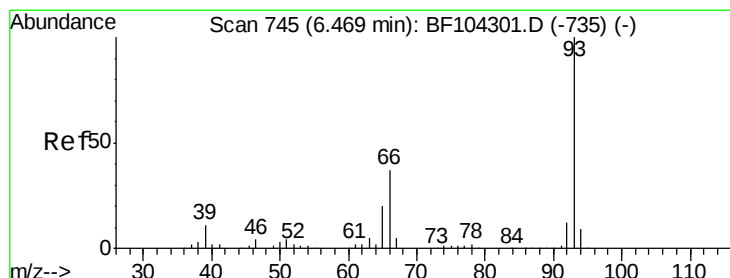
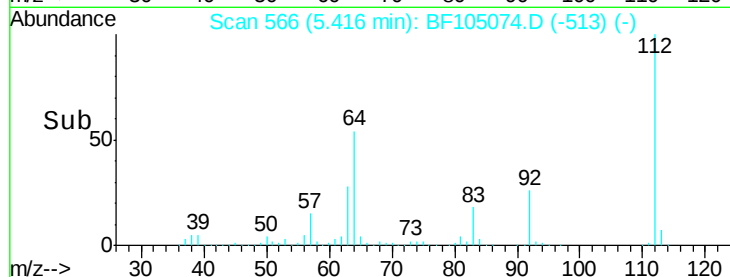
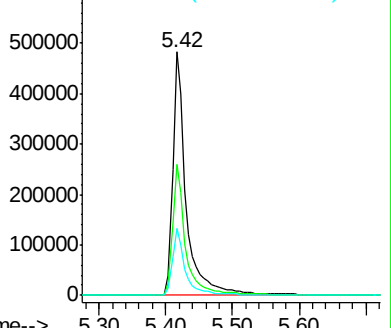
63 27.5 23.7 35.5



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: 7.251 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

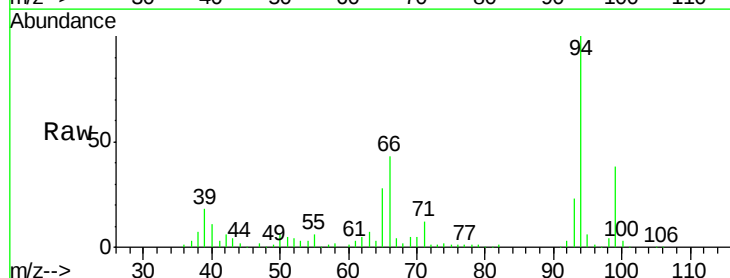
Tgt Ion: 93 Resp: 78946

Ion Ratio Lower Upper

93 100

66 182.8 32.2 48.2#

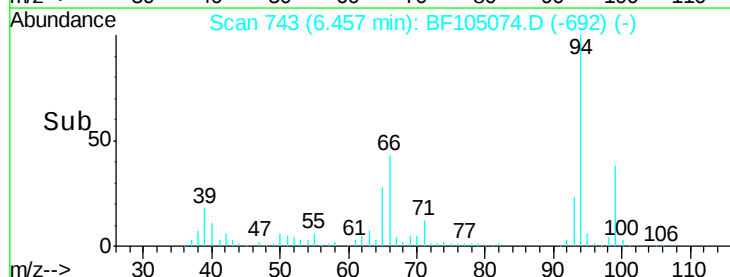
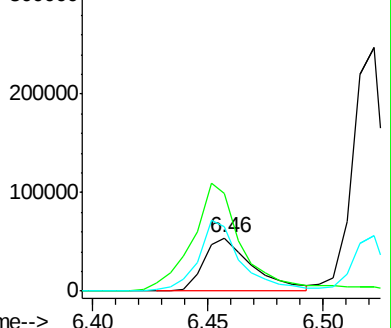
65 121.9 16.4 24.6#



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: 99.418 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

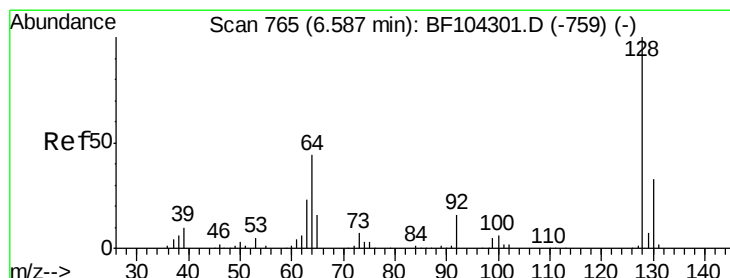
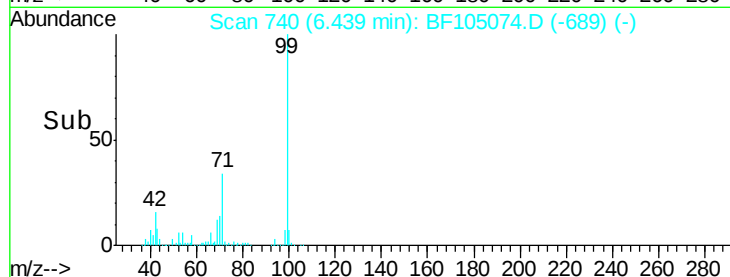
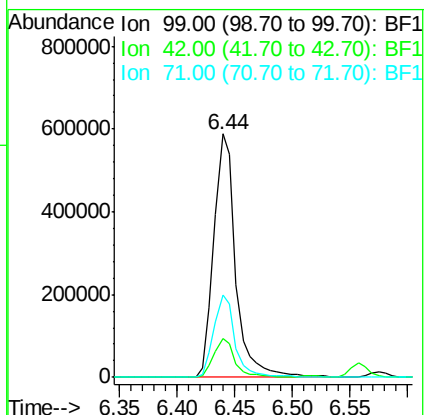
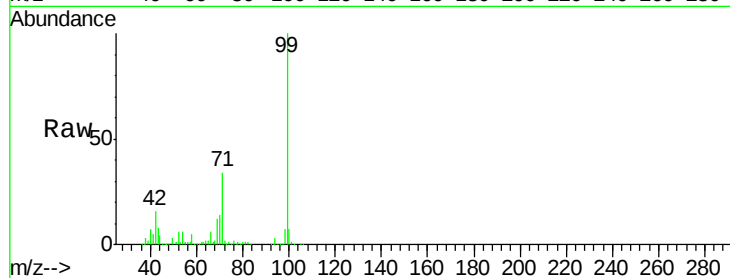
Tot Ion: 99 Resp: 779134

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 34.1 25.4 38.0



#8

2-Chlorophenol

Concen: 38.776 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

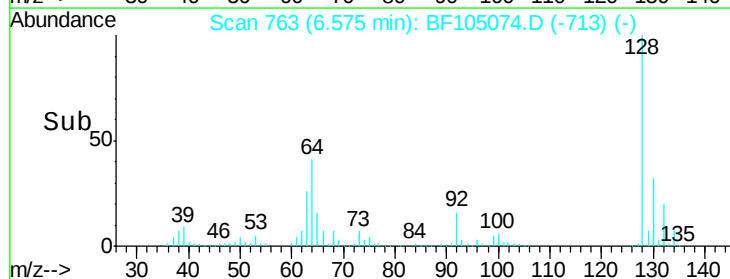
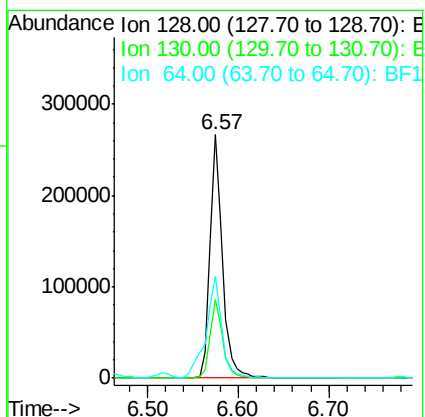
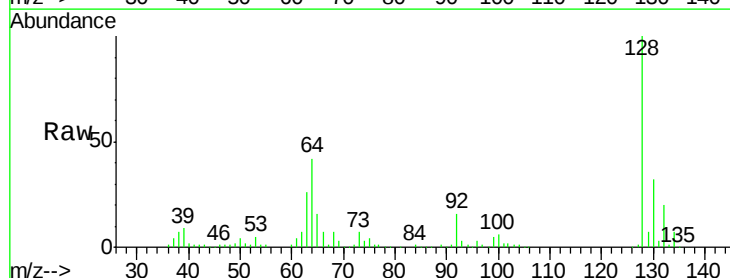
Tgt Ion: 128 Resp: 261044

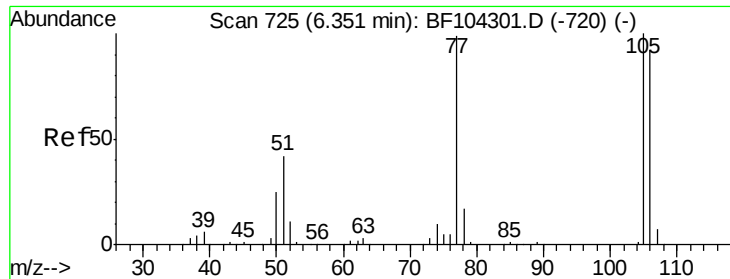
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 41.5 29.4 69.4

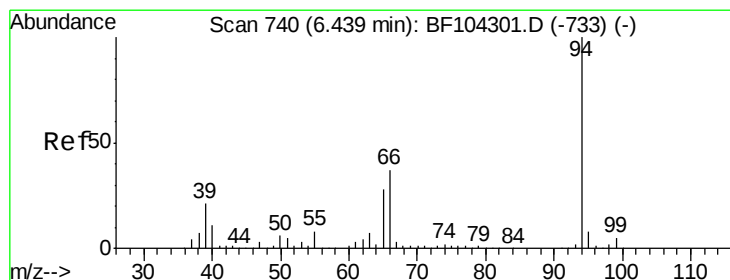
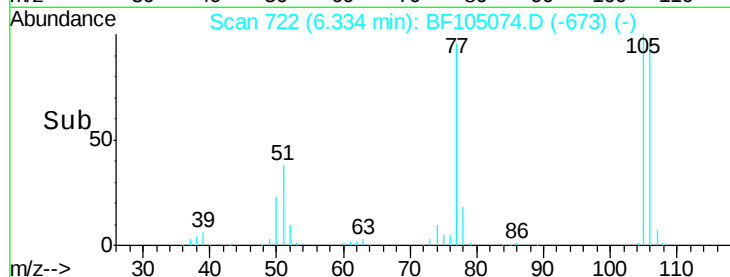
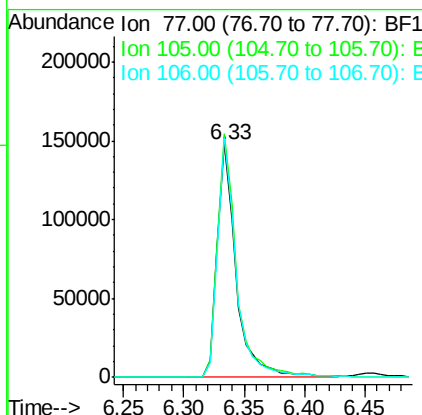
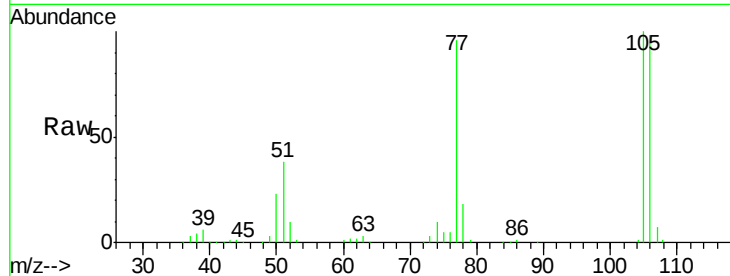




#9
Benzaldehyde
Concen: 40.831 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

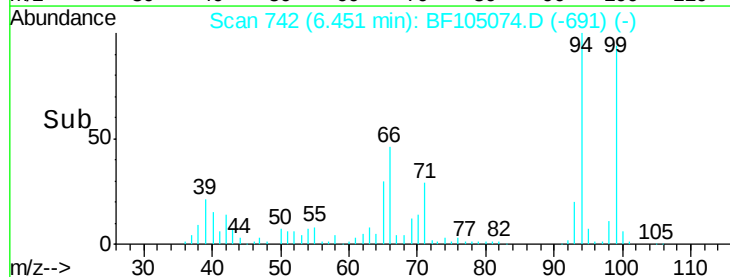
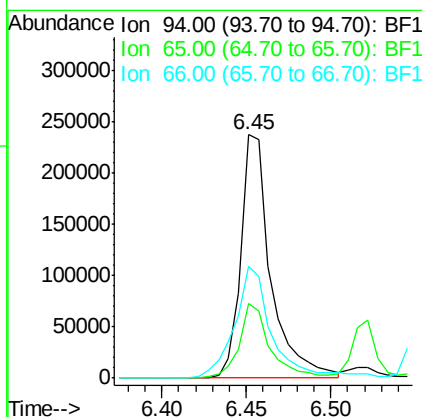
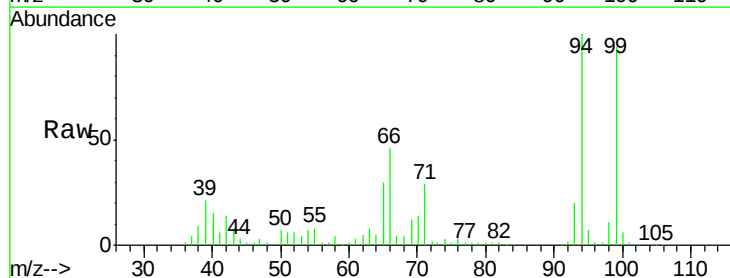
Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion: 77 Resp: 160763
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 102.8 74.5 114.5



#10
Phenol
Concen: 35.482 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion: 94 Resp: 295047
Ion Ratio Lower Upper
94 100
65 30.5 7.9 47.9
66 46.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.553 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

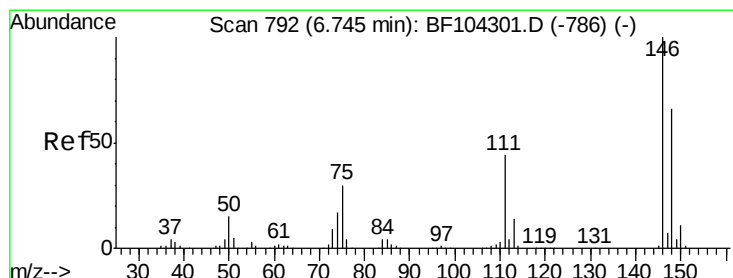
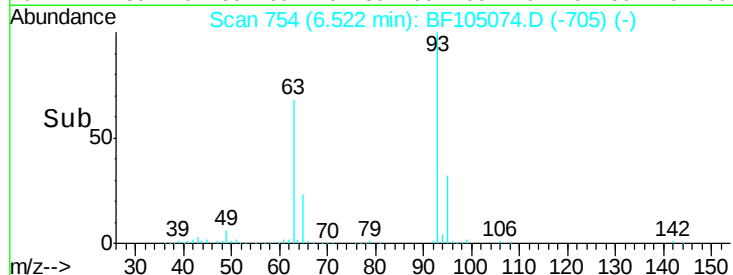
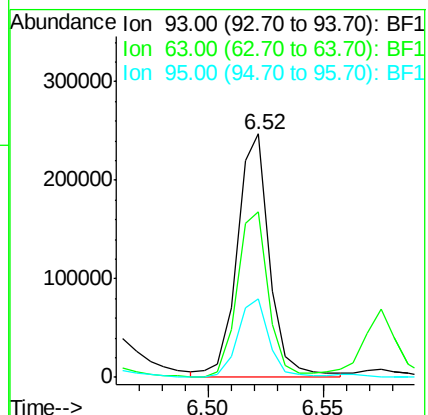
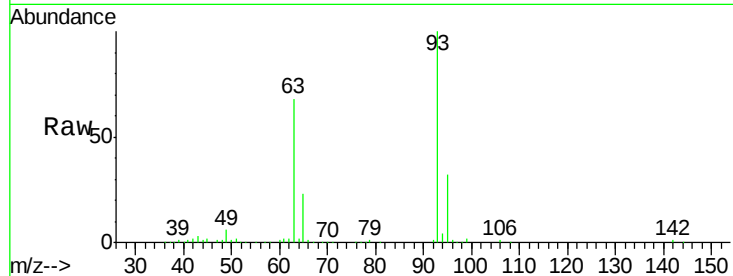
Tot Ion: 93 Resp: 242551

Ion Ratio Lower Upper

93 100

63 67.7 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.102 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

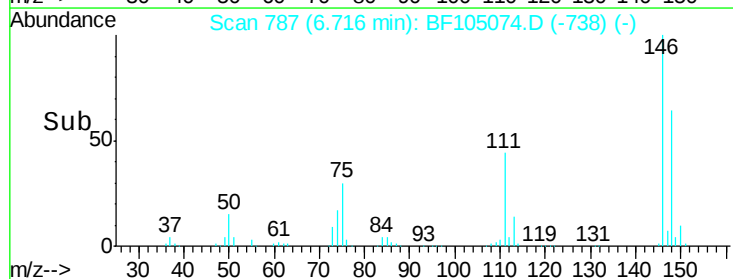
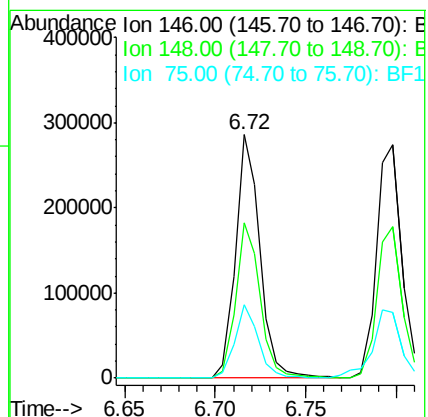
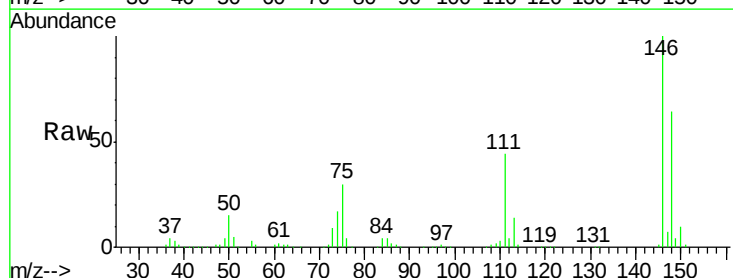
Tgt Ion: 146 Resp: 267714

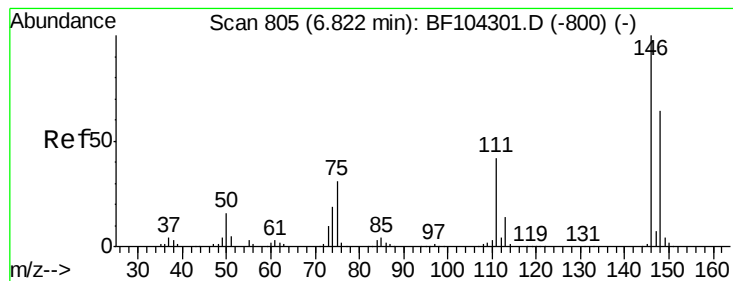
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 30.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.038 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

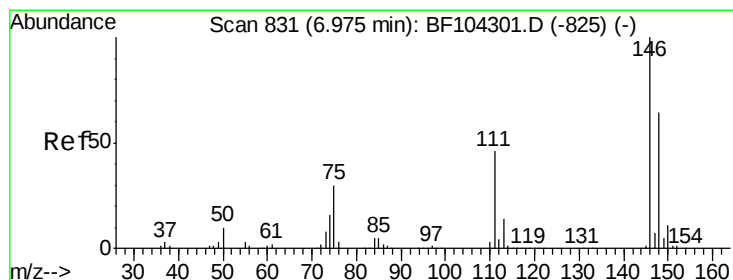
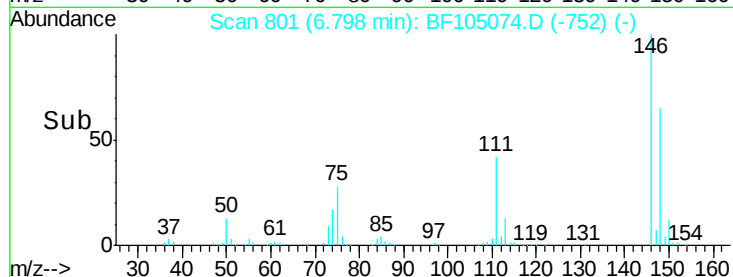
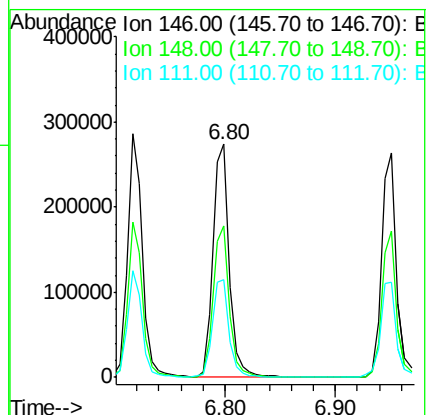
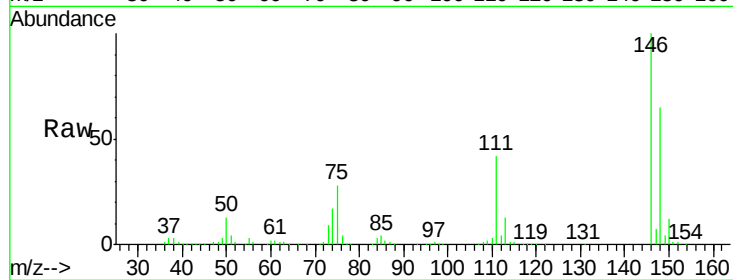
Tot Ion:146 Resp: 273984

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 41.7 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 35.482 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

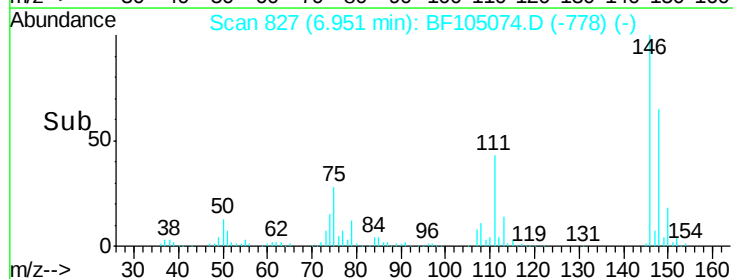
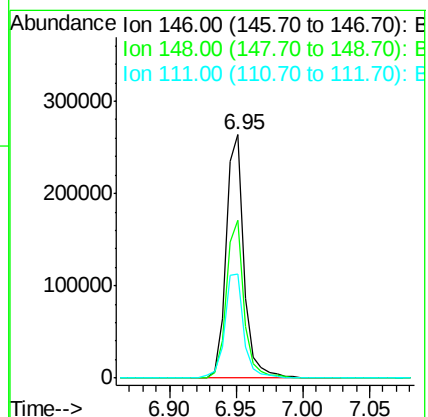
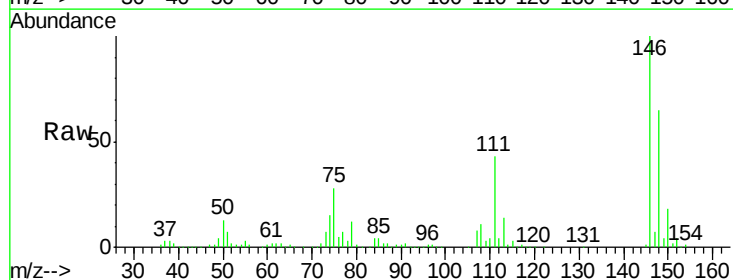
Tgt Ion:146 Resp: 249985

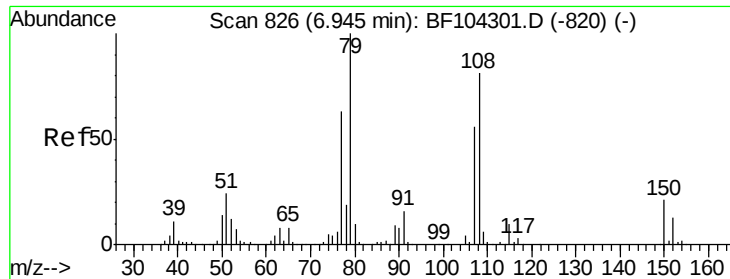
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

111 42.6 36.0 54.0

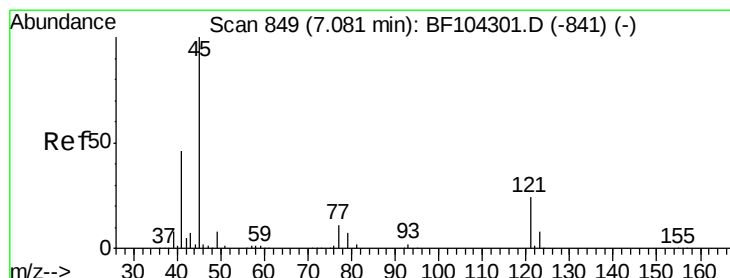
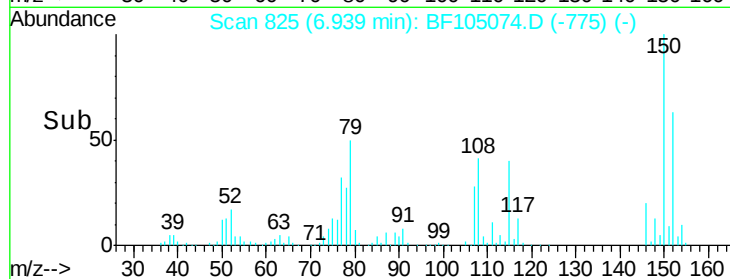
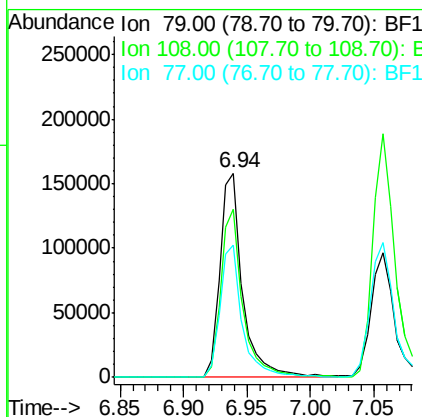
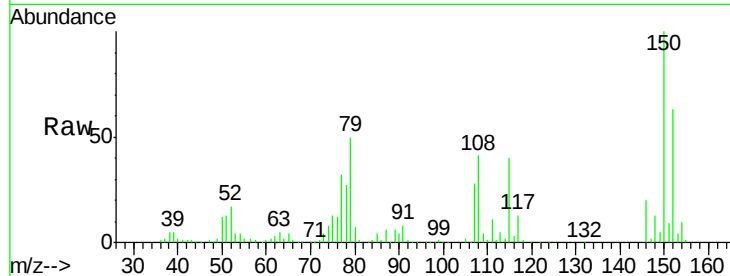




#15
Benzyl Alcohol
Concen: 33.196 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

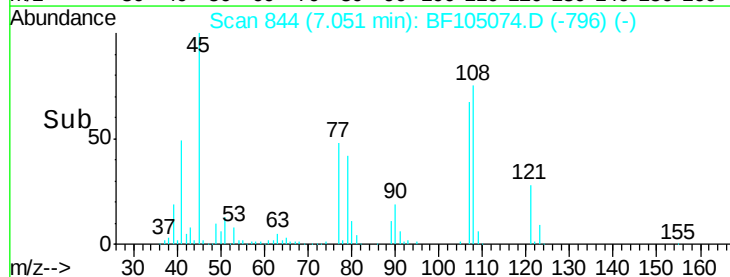
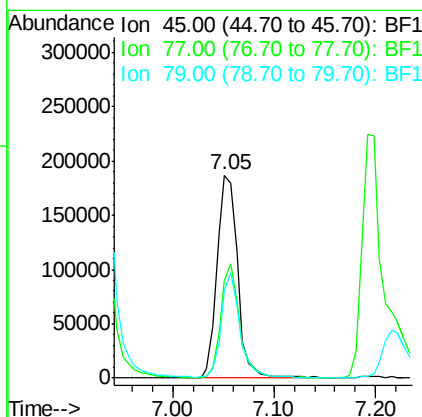
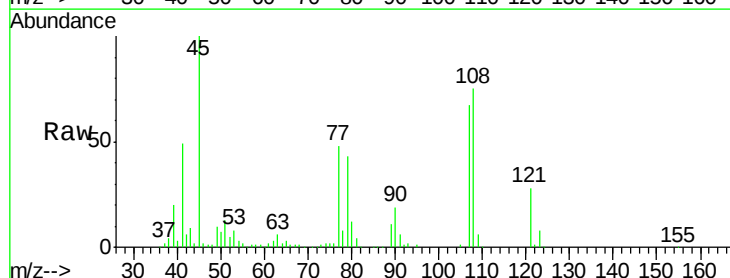
Instrument :
BNA_F
ClientSampled :
PB108807BS

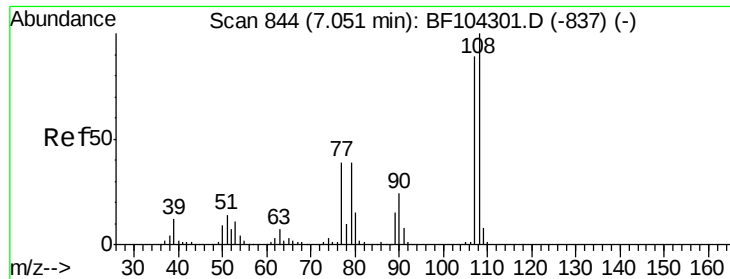
Tot Ion: 79 Resp: 197595
Ion Ratio Lower Upper
79 100
108 82.4 65.1 97.7
77 64.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.147 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion: 45 Resp: 259739
Ion Ratio Lower Upper
45 100
77 48.1 0.0 32.9#
79 42.8 0.0 29.6#





#17

2-Methylphenol

Concen: 35.349 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

Tot Ion:107 Resp: 206862

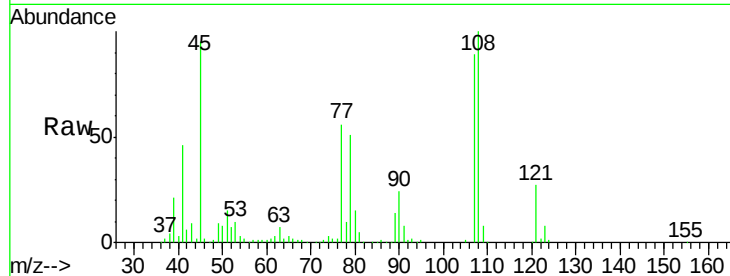
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 62.7 33.8 50.8#

79 57.9 33.8 50.8#

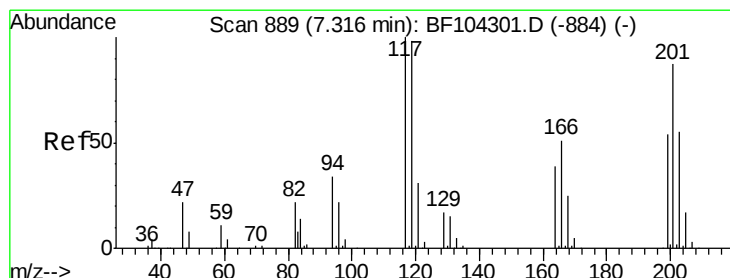
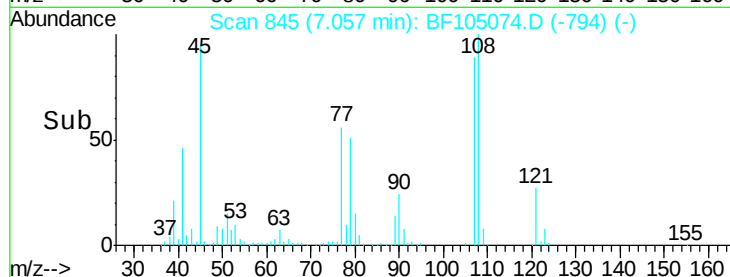
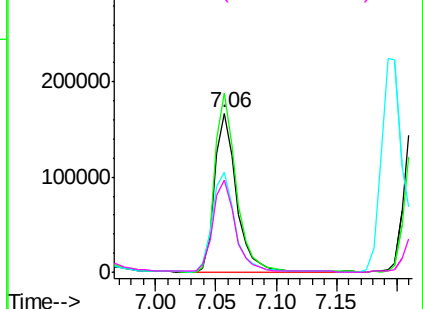


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.435 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

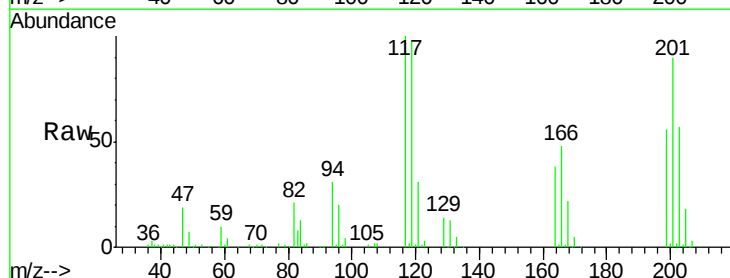
Tgt Ion:117 Resp: 98764

Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.8

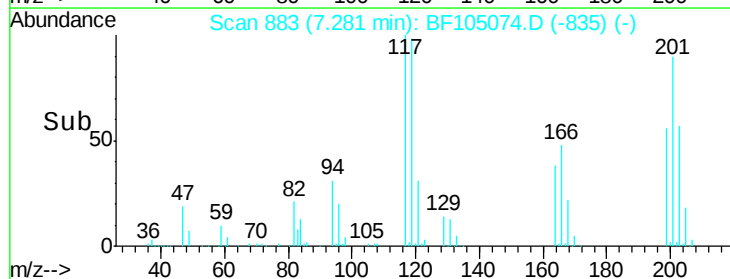
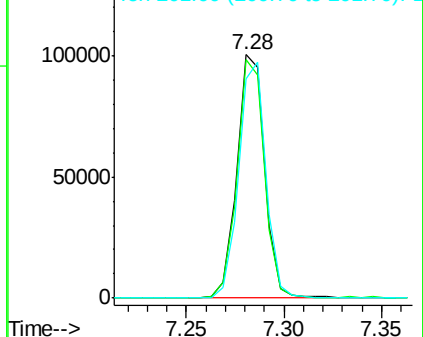
201 89.9 75.7 113.5

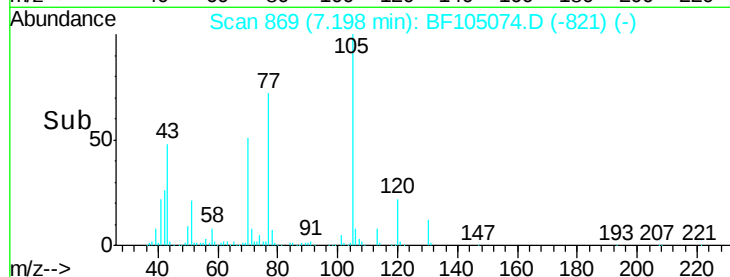
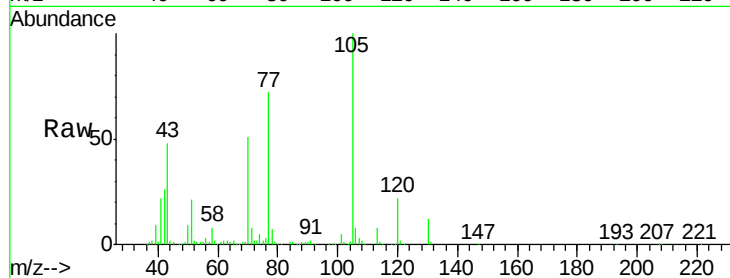
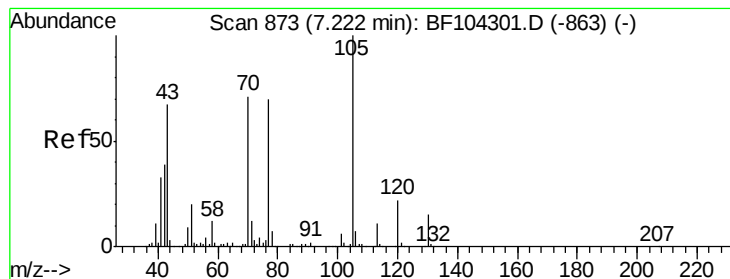


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.215 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

Tot Ion: 70 Resp: 170099

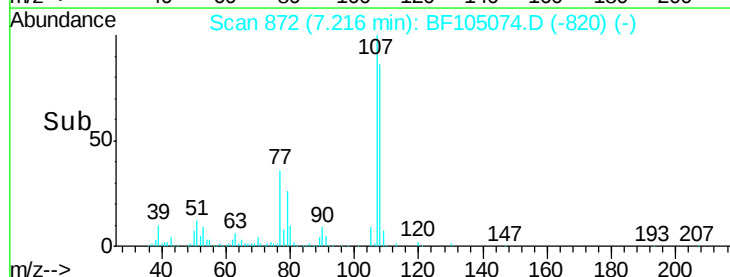
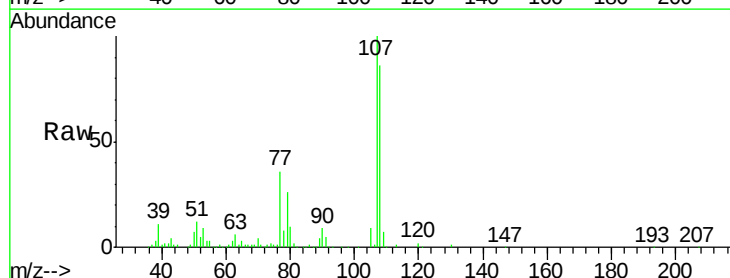
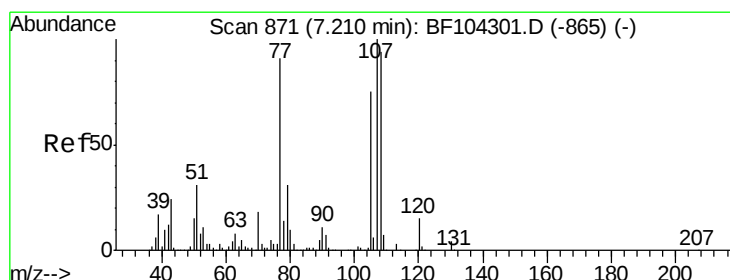
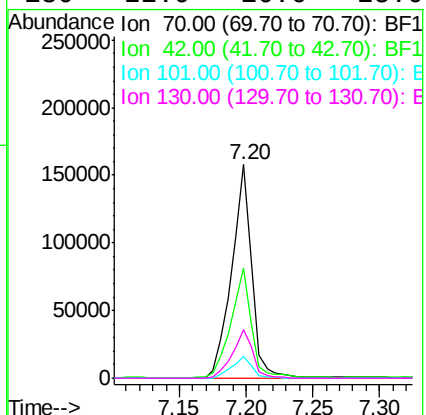
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 10.2 7.4 11.2

130 22.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.867 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Tgt Ion:107 Resp: 289346

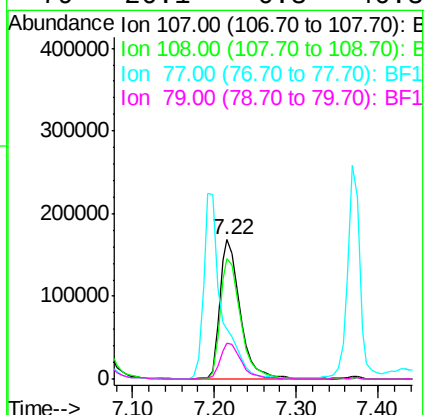
Ion Ratio Lower Upper

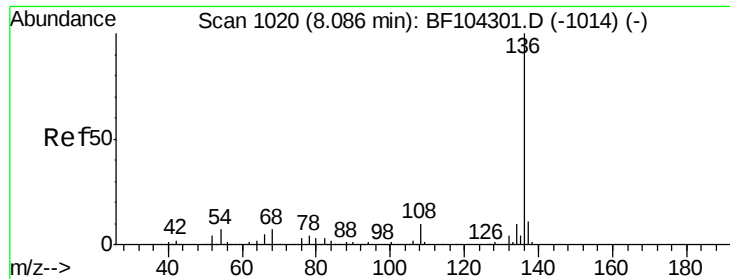
107 100

108 86.4 68.2 108.2

77 36.4 26.7 66.7

79 26.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

Tot Ion:136 Resp: 418729

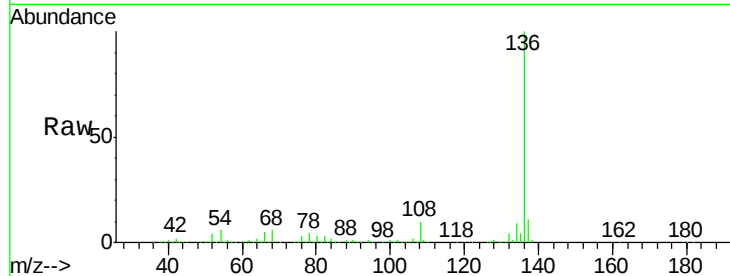
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

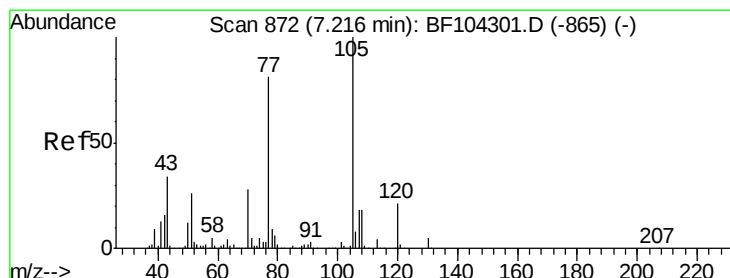
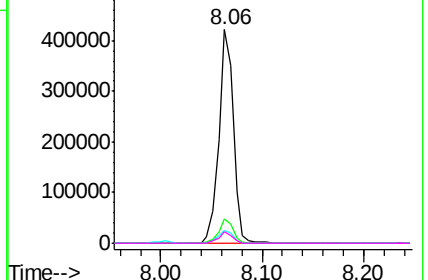
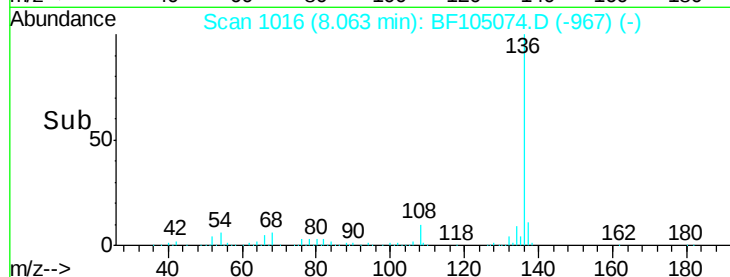


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.703 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Tgt Ion:105 Resp: 357747

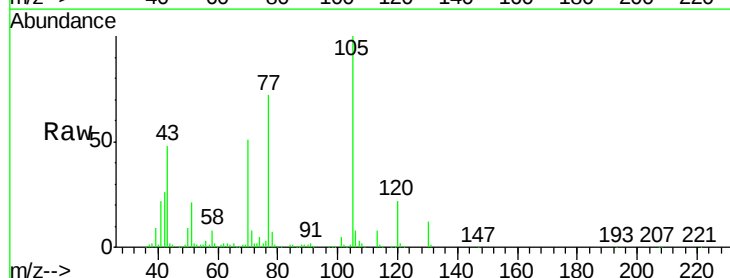
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 21.3 22.3 33.5#

120 21.6 16.9 25.3

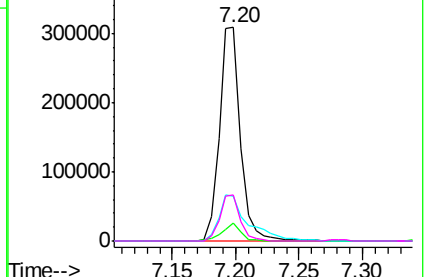
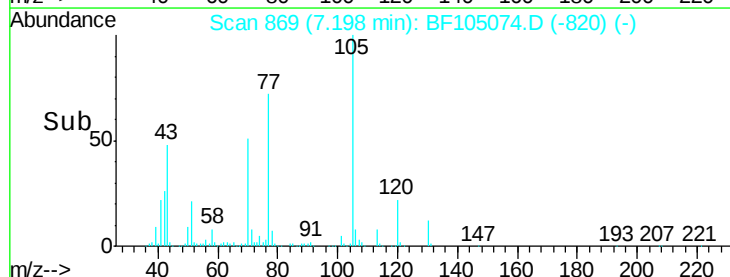


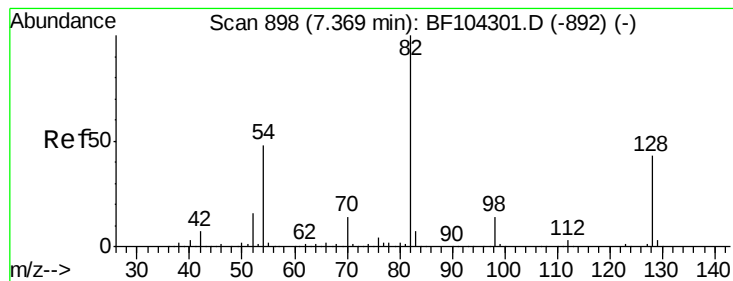
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.409 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

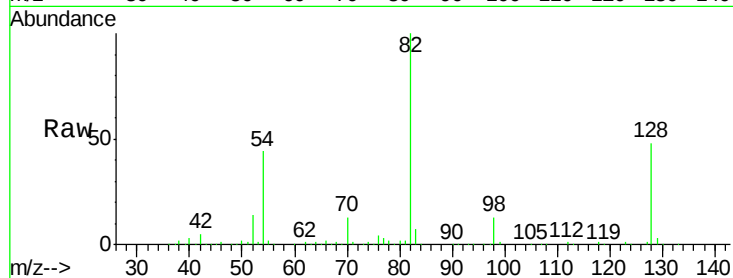
Tot Ion: 82 Resp: 483564

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

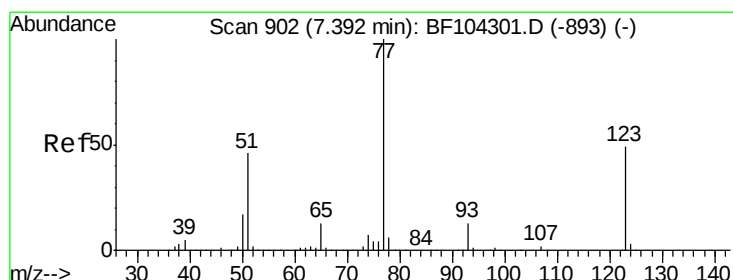
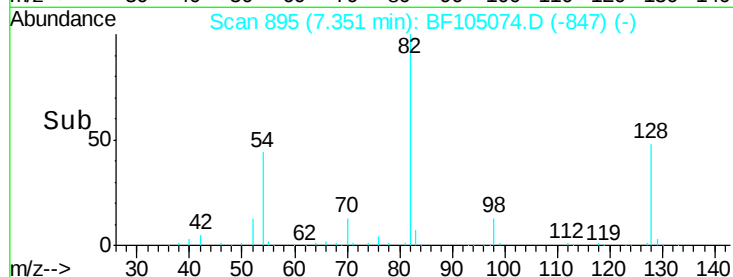
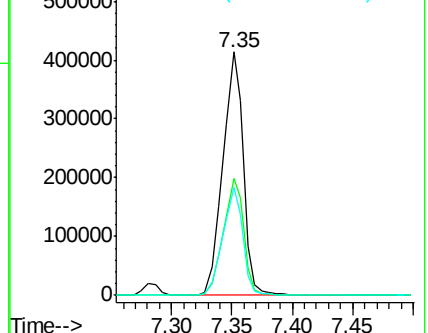
54 44.5 41.4 62.2



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: 36.827 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

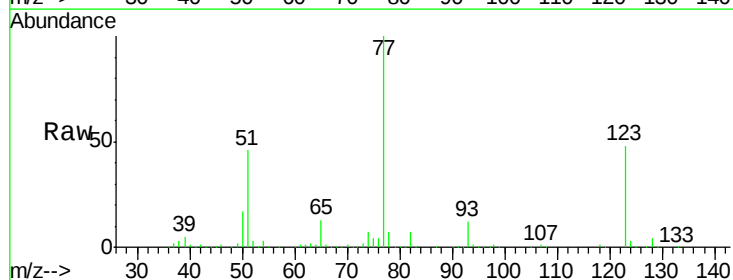
Tgt Ion: 77 Resp: 260734

Ion Ratio Lower Upper

77 100

123 48.0 37.9 56.9

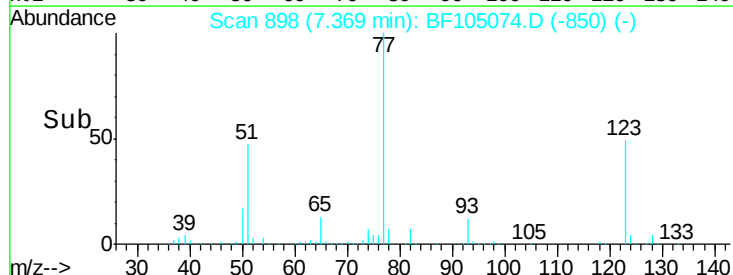
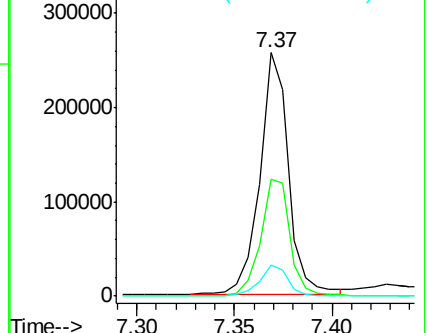
65 12.8 11.0 16.4

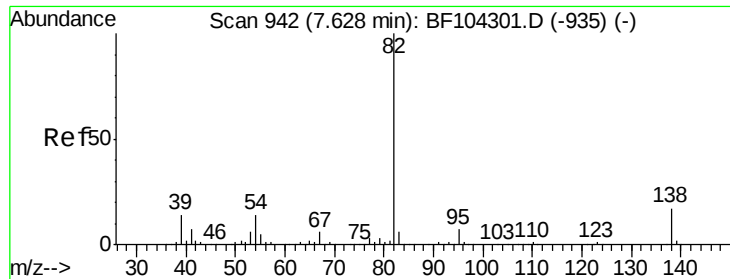


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.878 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

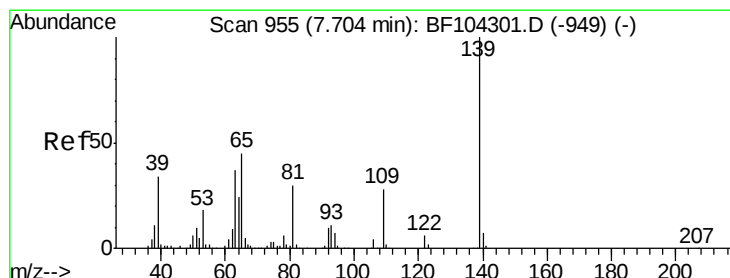
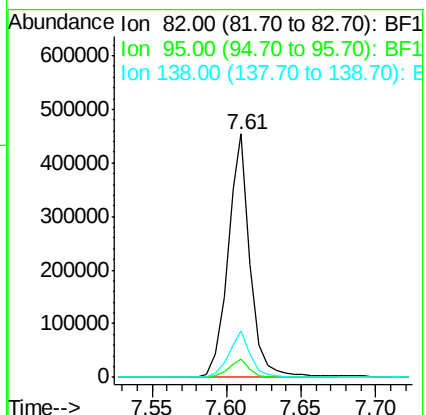
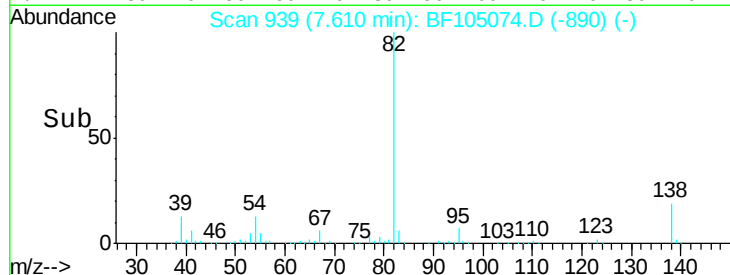
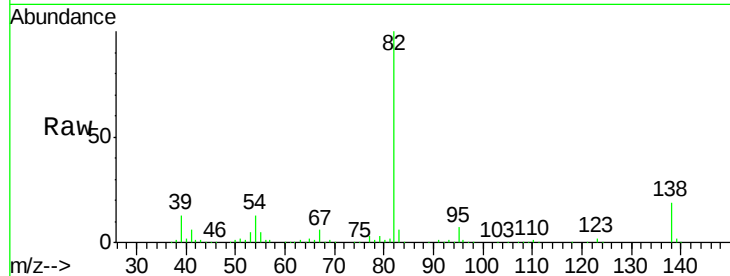
Tot Ion: 82 Resp: 472958

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 50.363 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

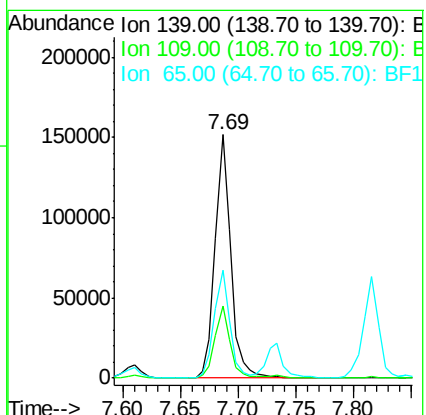
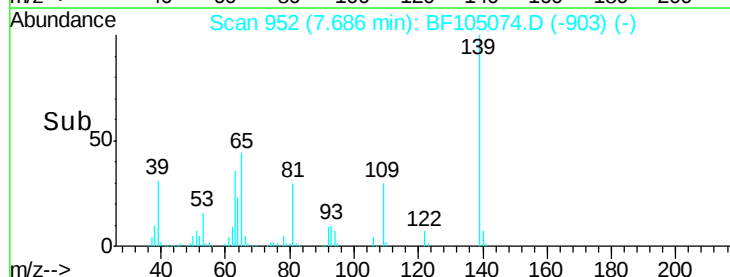
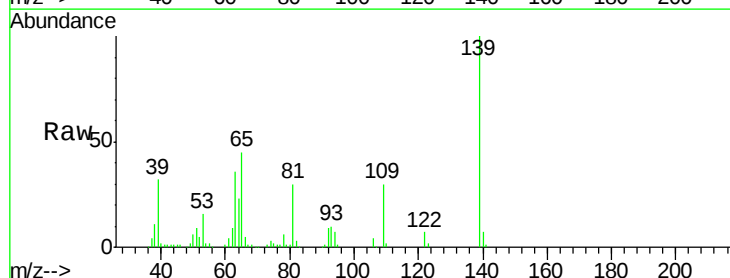
Tgt Ion: 139 Resp: 145159

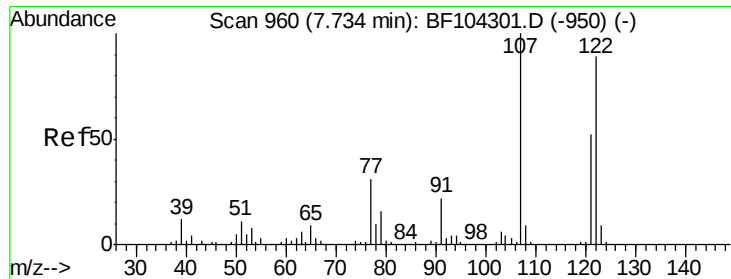
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 44.6 40.5 60.7

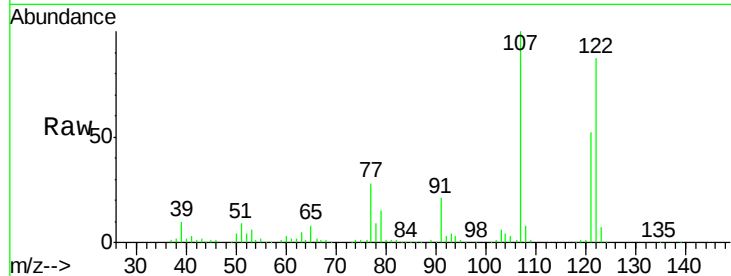




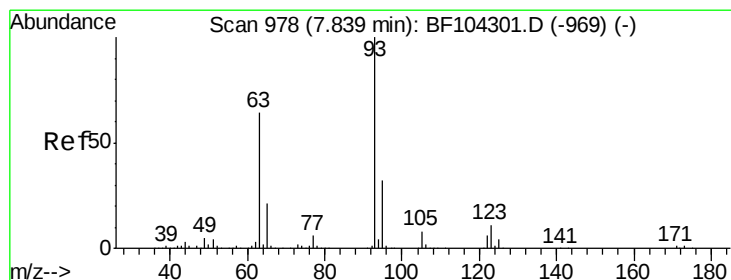
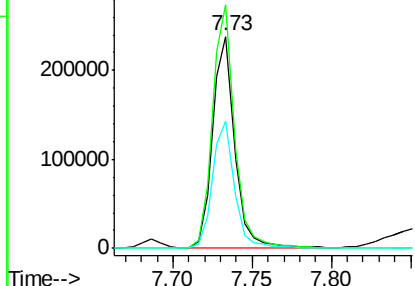
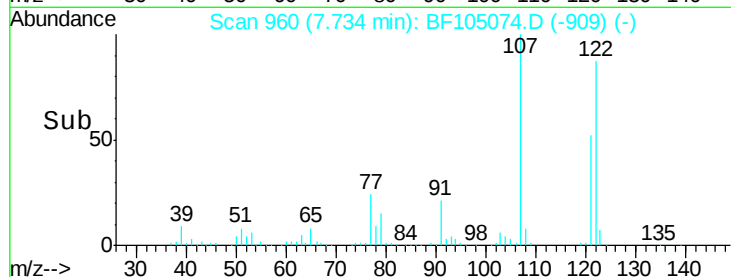
#27
 2,4-Dimethylphenol
 Concen: 38.672 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Tot Ion:122 Resp: 231437
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 59.9 47.2 70.8

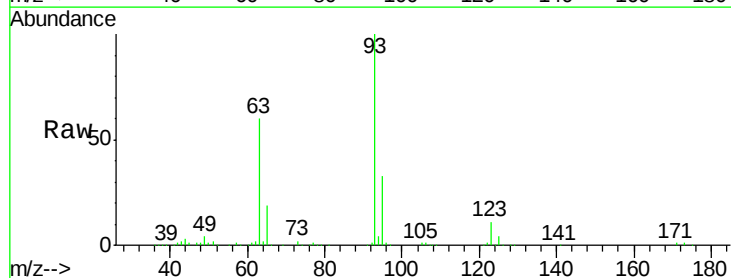


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

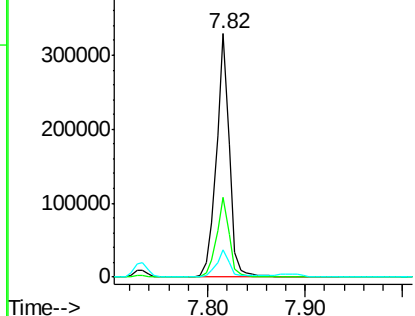
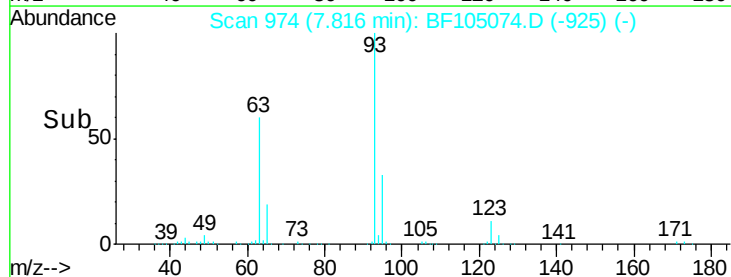


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.700 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion: 93 Resp: 304276
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.0 9.8 14.6



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

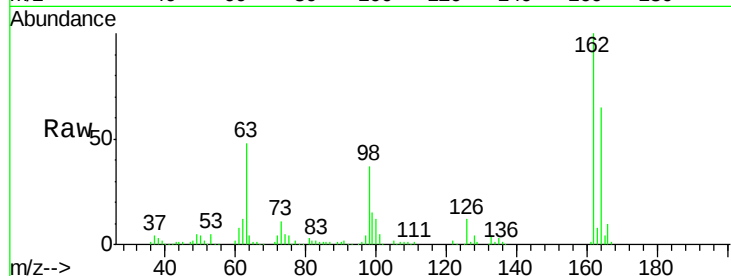




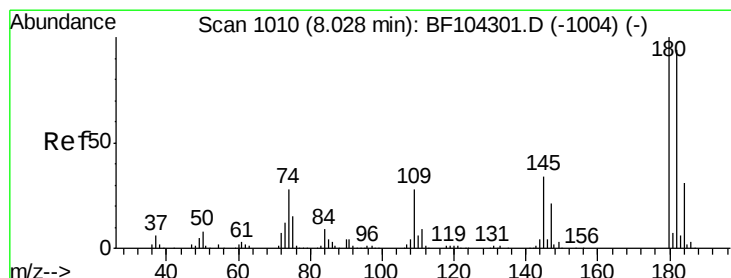
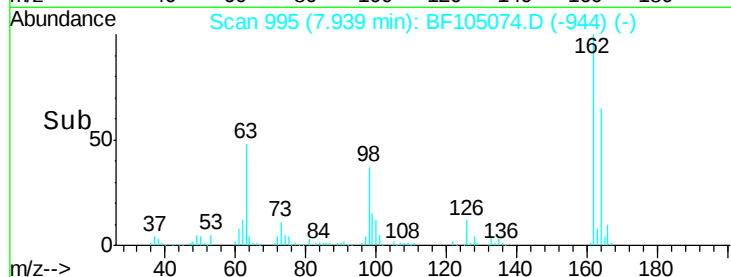
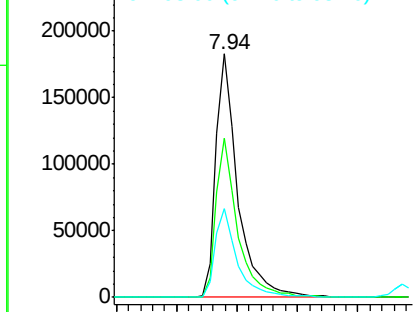
#29
 2,4-Dichlorophenol
 Concen: 39.935 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleID :
 PB108807BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	36.6	18.1	58.1

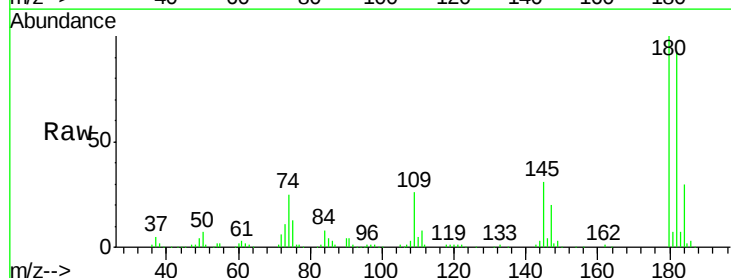


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

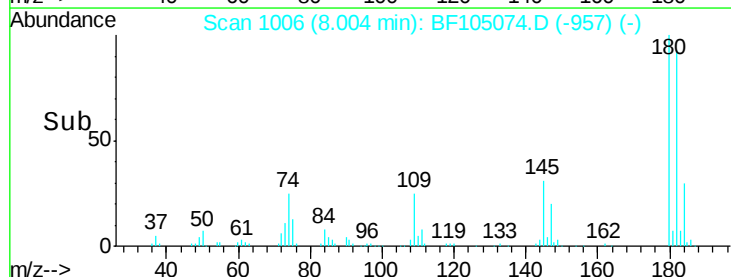
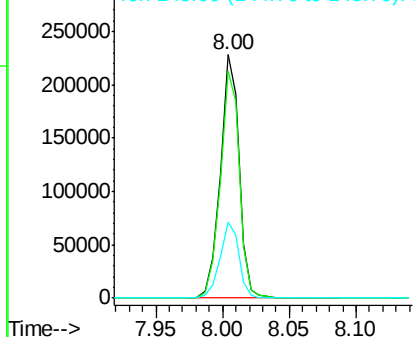


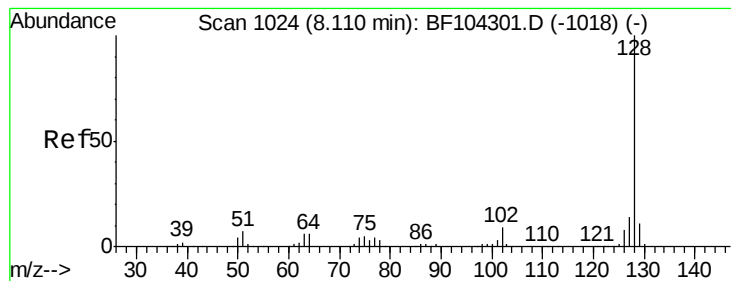
#30
 1,2,4-Trichlorobenzene
 Concen: 36.346 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	31.3	26.5	39.7



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





#31

Naphthalene

Concen: 36.237 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

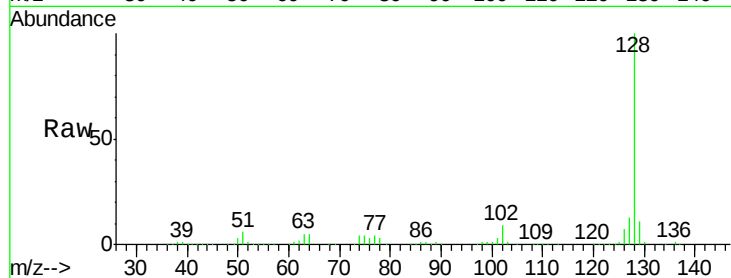
Tot Ion:128 Resp: 755564

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

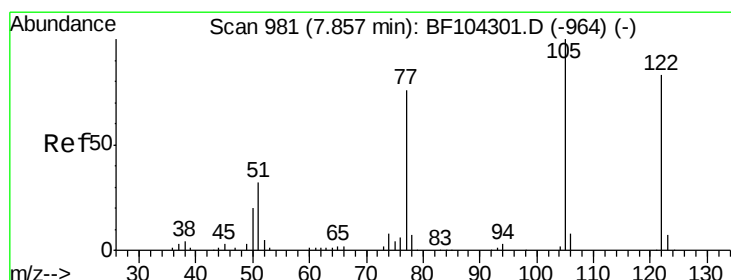
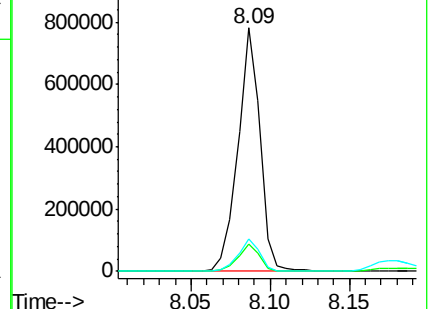
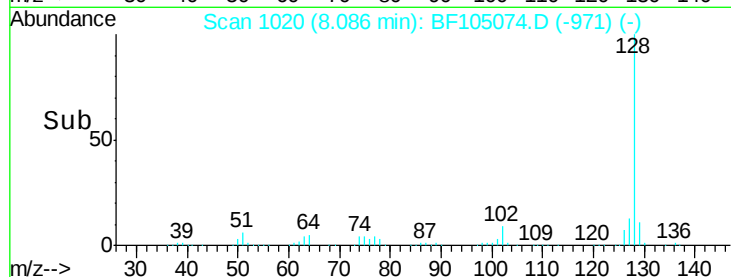
127 13.3 10.9 16.3



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: 32.013 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

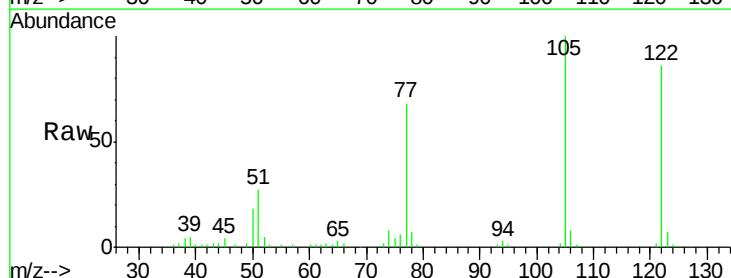
Tgt Ion:122 Resp: 152865

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

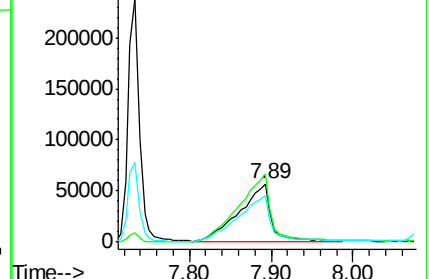
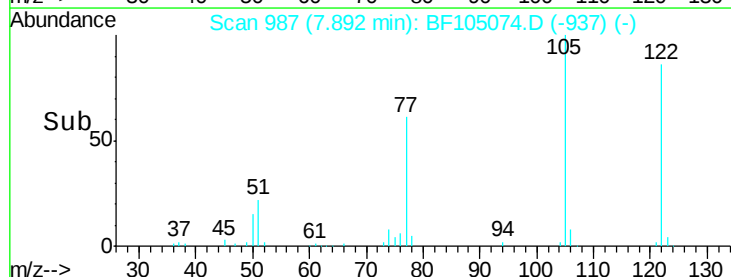
77 79.2 70.7 110.7

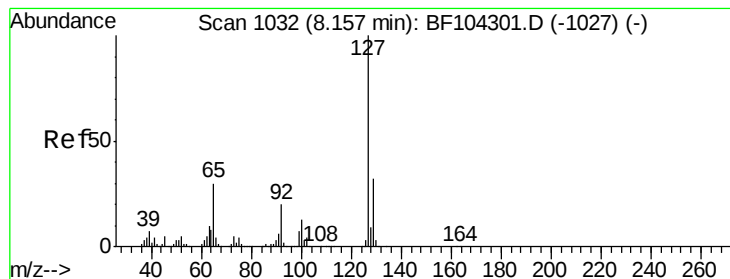


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 8.862 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

Tot Ion:127 Resp: 79164

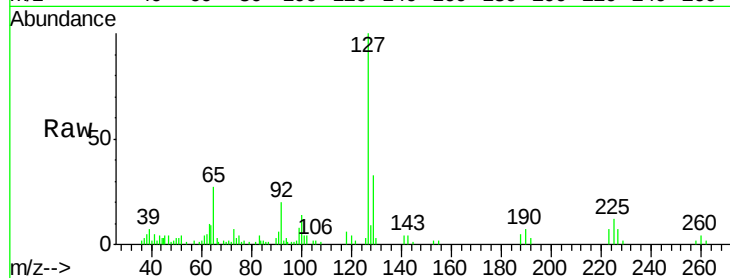
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 27.1 25.0 37.4

92 20.3 15.2 22.8

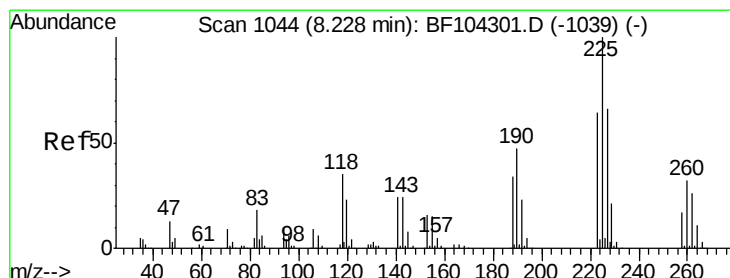
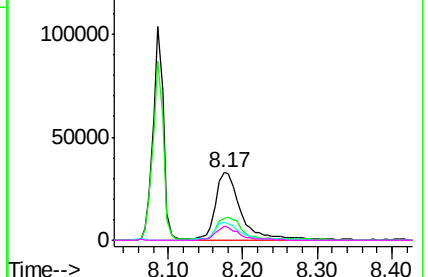
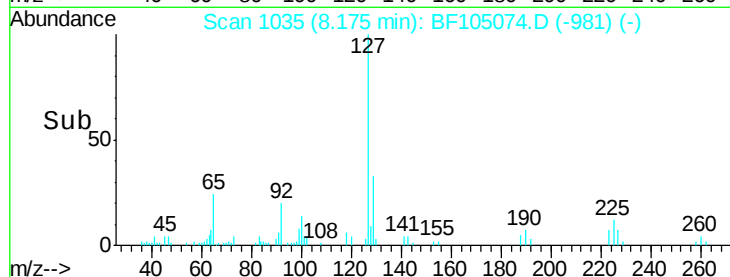


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.282 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

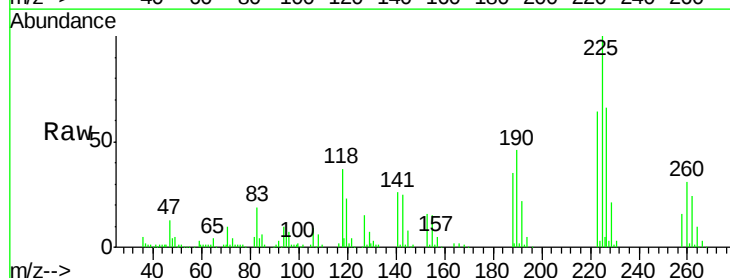
Tgt Ion:225 Resp: 124538

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

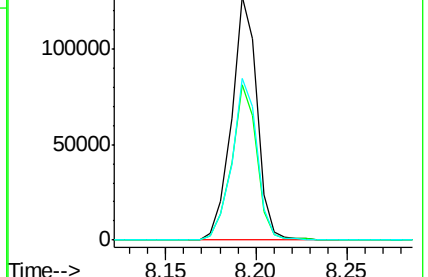
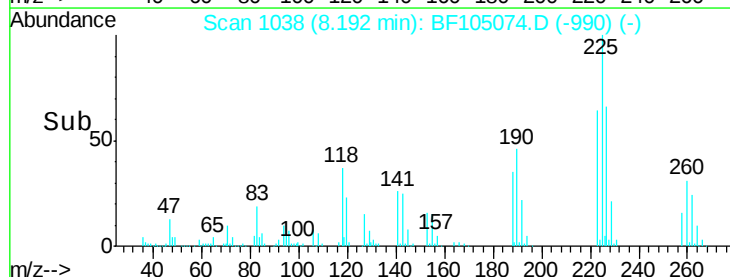
227 66.3 51.9 77.9



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

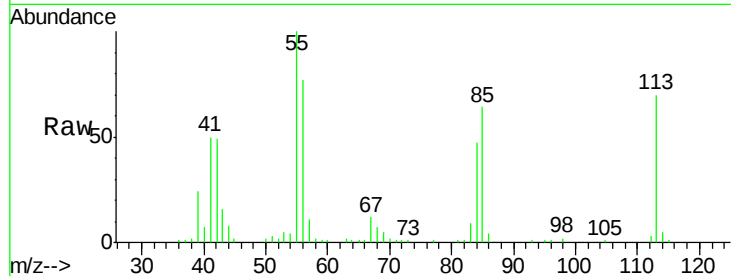




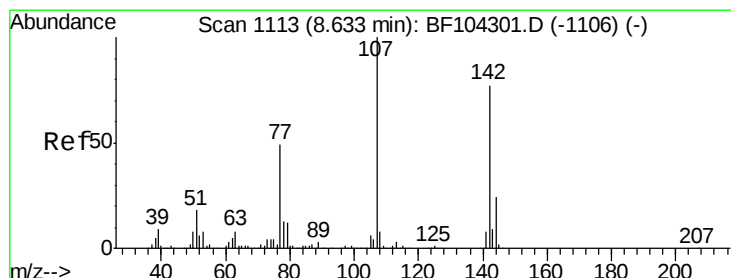
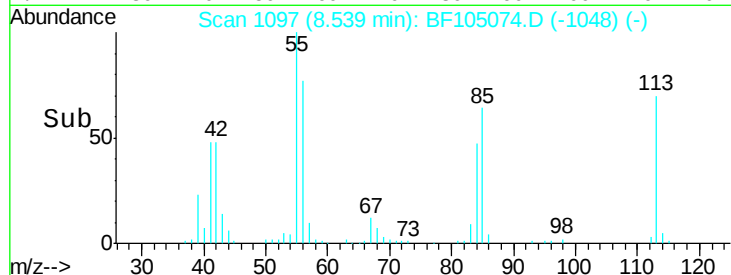
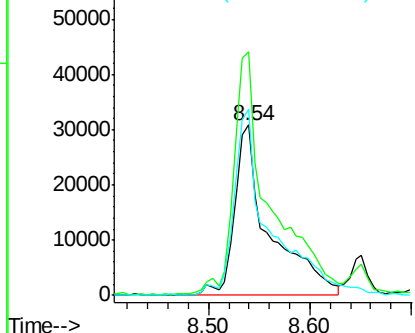
#35
Caprolactam
Concen: 36.996 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:113 Resp: 73696
Ion Ratio Lower Upper
113 100
55 142.8 163.3 203.3#
56 109.3 115.7 155.7#

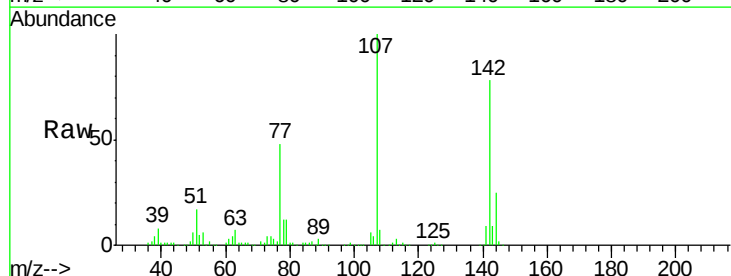


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

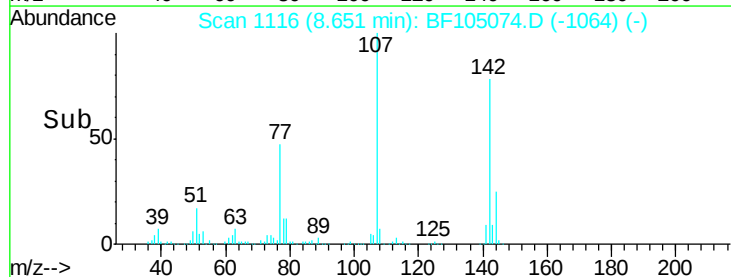
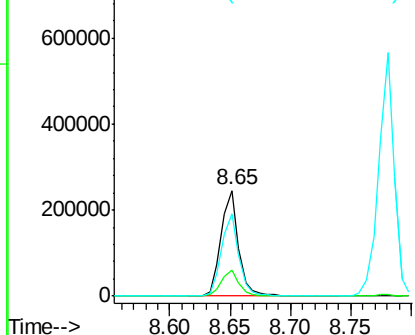


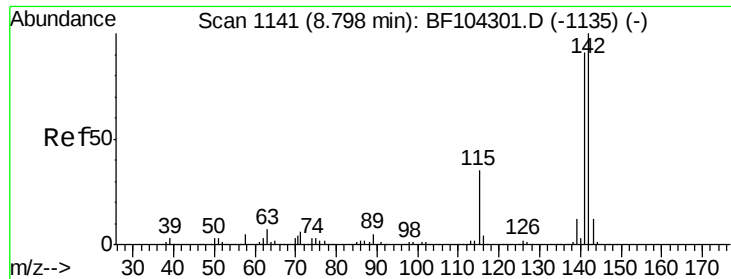
#36
4-Chloro-3-methylphenol
Concen: 40.134 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:107 Resp: 245731
Ion Ratio Lower Upper
107 100
144 25.0 20.5 30.7
142 78.4 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

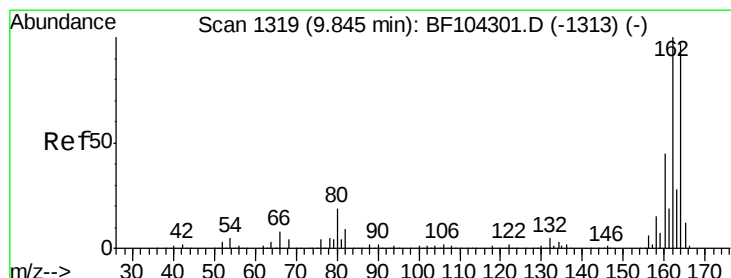
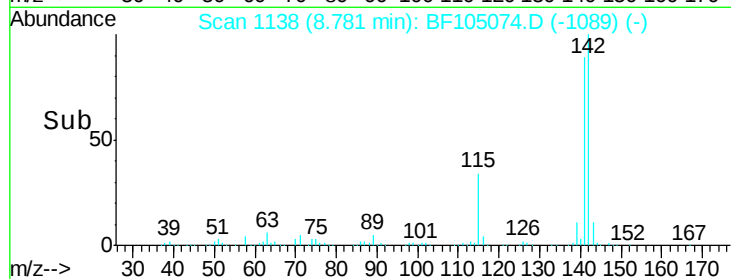
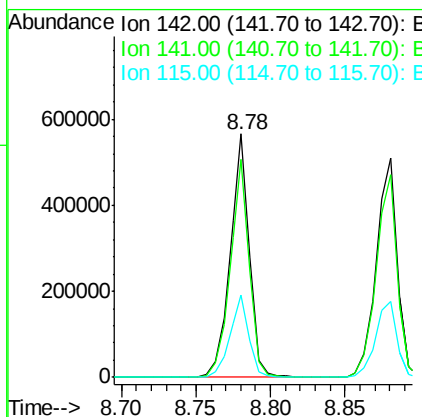
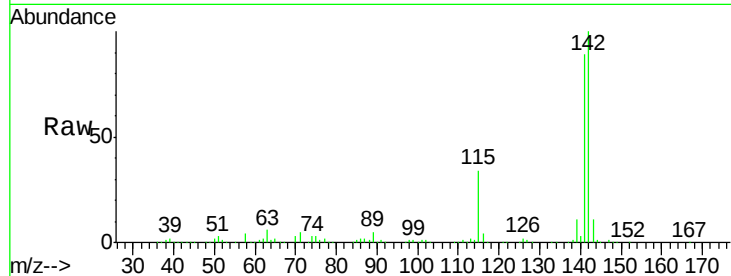




#37
2-Methylnaphthalene
Concen: 37.859 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

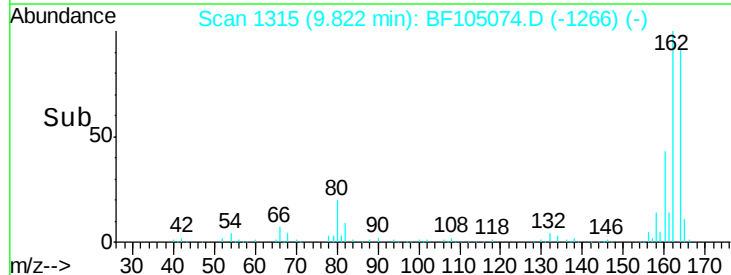
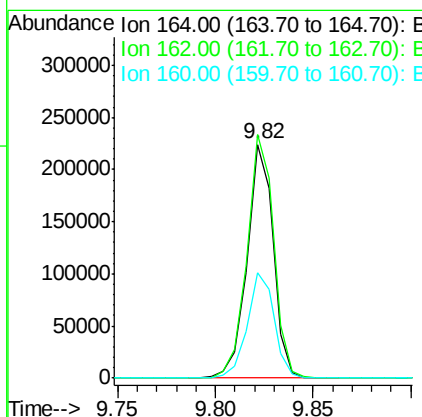
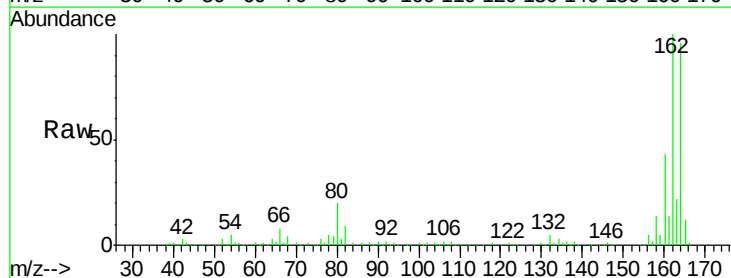
Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:142 Resp: 510602
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 33.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:164 Resp: 207911
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.0 38.3 57.5

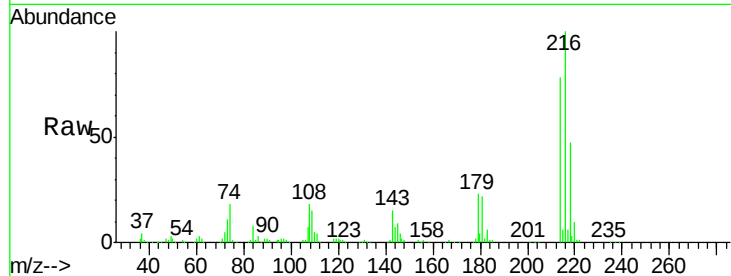




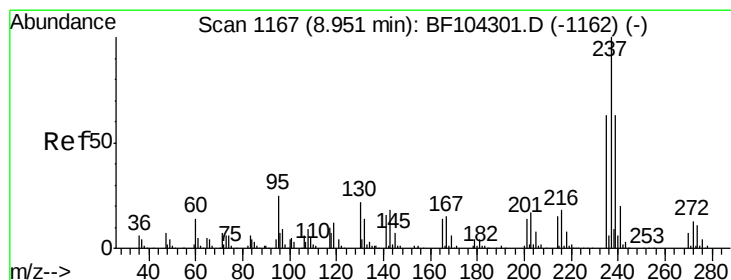
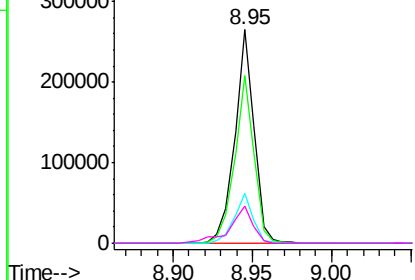
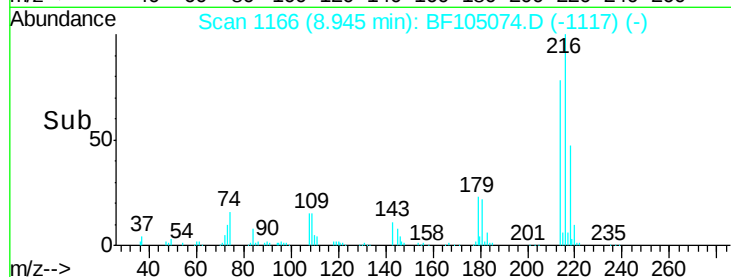
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.698 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Tot Ion:216	Resp:	224365
Ion Ratio	Lower	Upper
216	100	
214	78.4	63.0 94.4
179	22.9	18.1 27.1
108	21.5	17.2 25.8

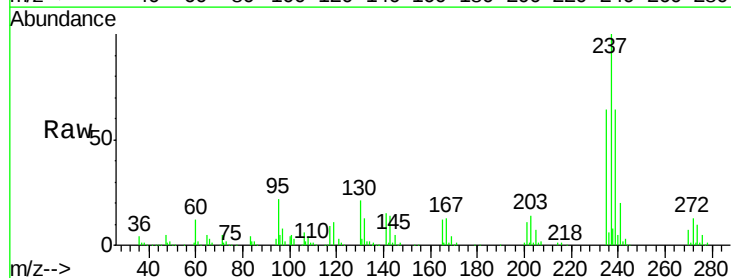


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

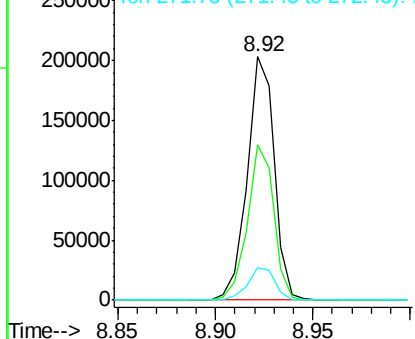
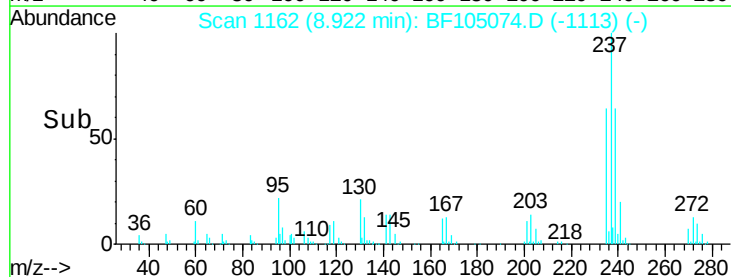


#40
 Hexachlorocyclopentadiene
 Concen: 58.427 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:237	Resp:	194674
Ion Ratio	Lower	Upper
237	100	
235	63.7	44.8 84.8
272	13.3	0.0 33.3



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

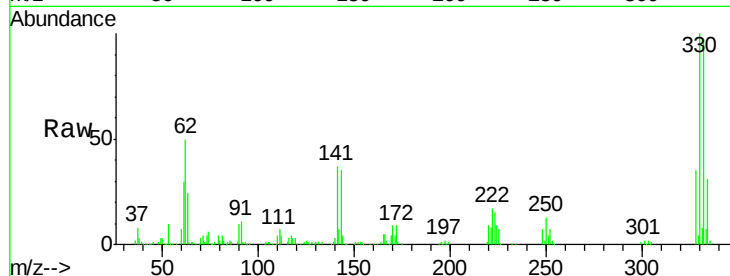




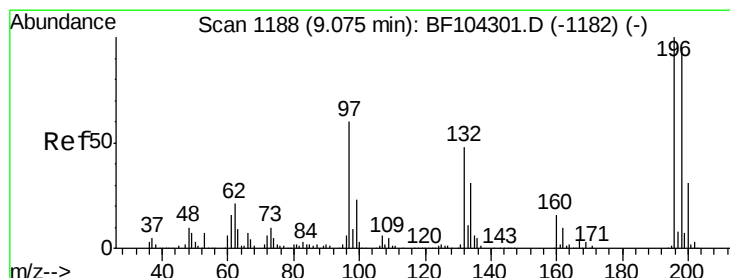
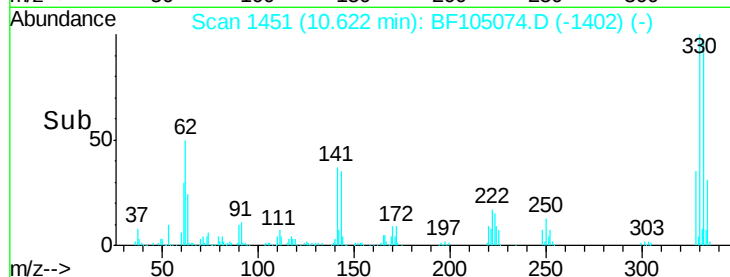
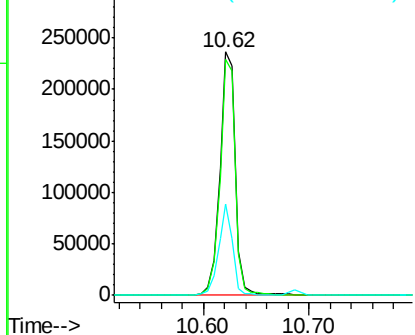
#41
 2,4,6-Tribromophenol
 Concen: 113.707 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Tot Ion:330 Resp: 245234
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.9 29.9 44.9

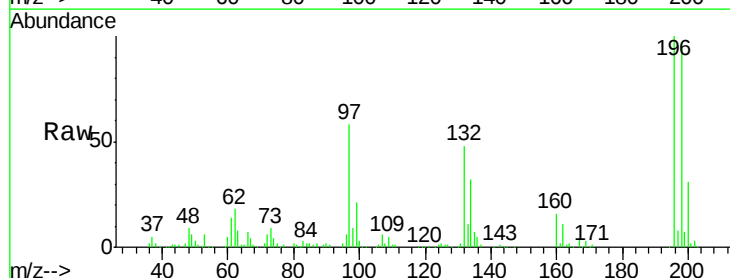


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

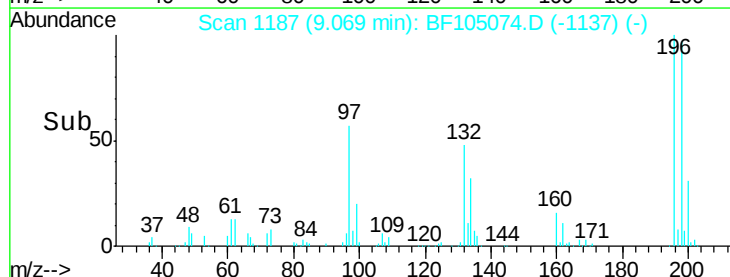
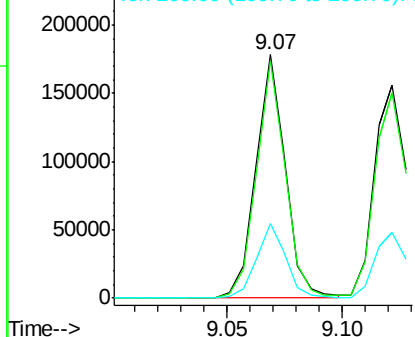


#42
 2,4,6-Trichlorophenol
 Concen: 38.393 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:196 Resp: 158620
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 30.6 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

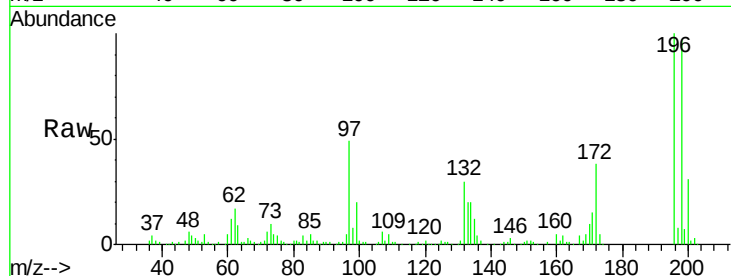




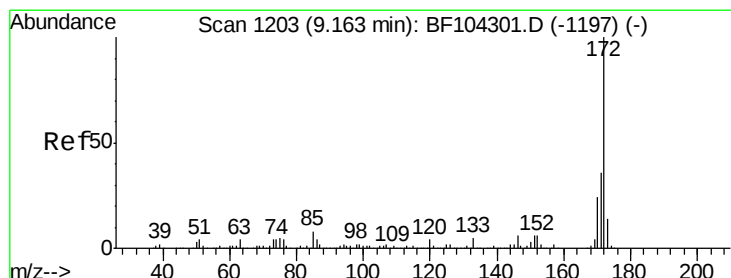
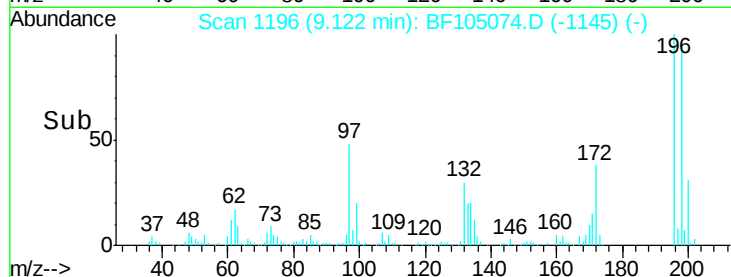
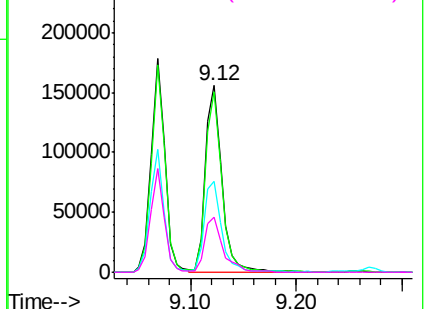
#43
 2,4,5-Trichlorophenol
 Concen: 37.014 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Tot Ion:196	Resp:	171126
Ion Ratio	Lower	Upper
196	100	
198	96.6	74.6 112.0
97	48.7	42.9 64.3
132	29.6	26.3 39.5

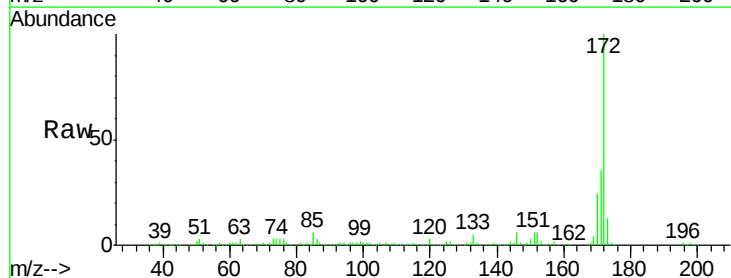


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

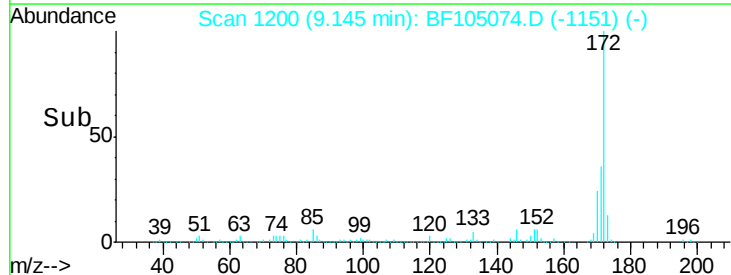
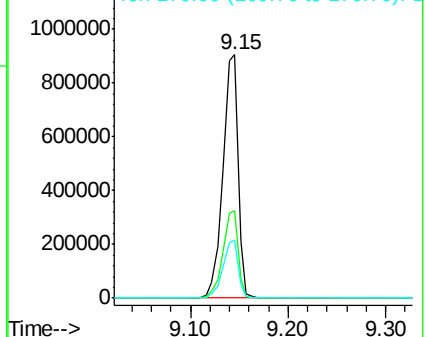


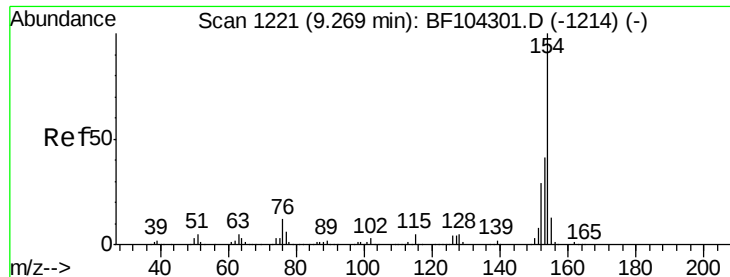
#44
 2-Fluorobiphenyl
 Concen: 74.471 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:172	Resp:	980116
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.7 44.5
170	23.8	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 35.727 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

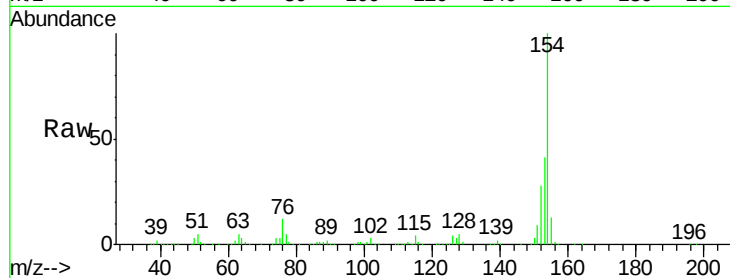
Tot Ion:154 Resp: 624000

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

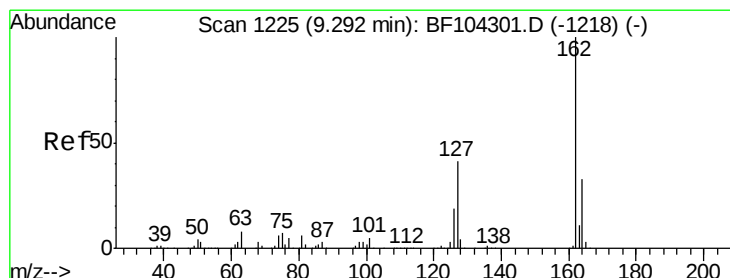
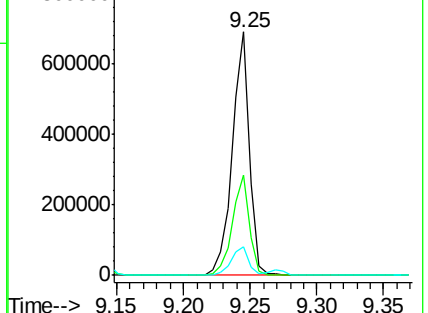
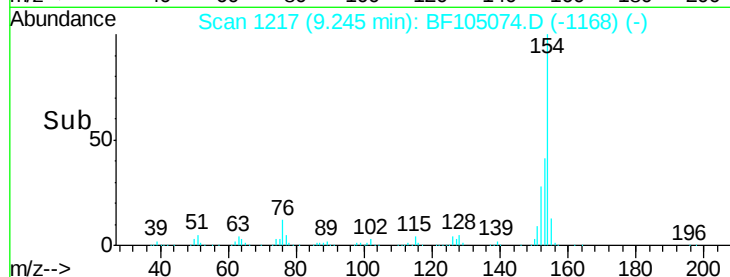
76 12.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.628 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

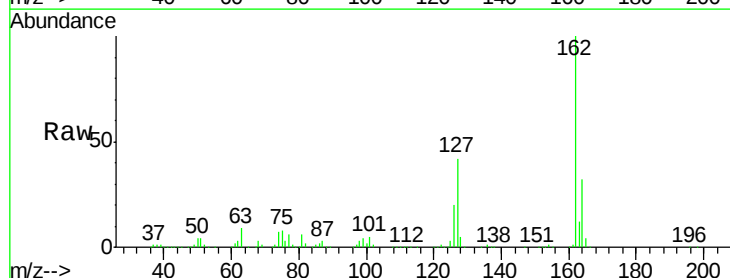
Tgt Ion:162 Resp: 491514

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

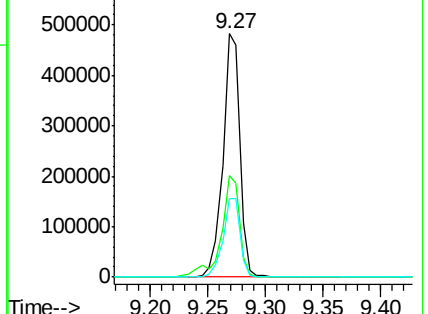
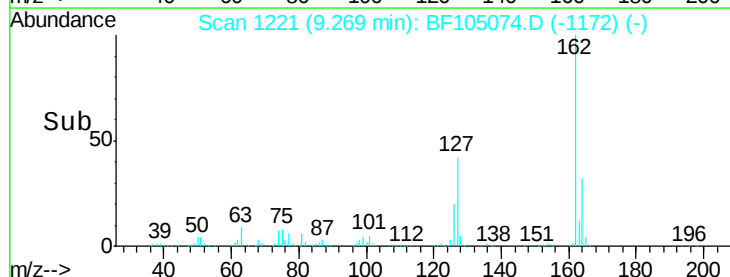
164 32.1 26.5 39.7

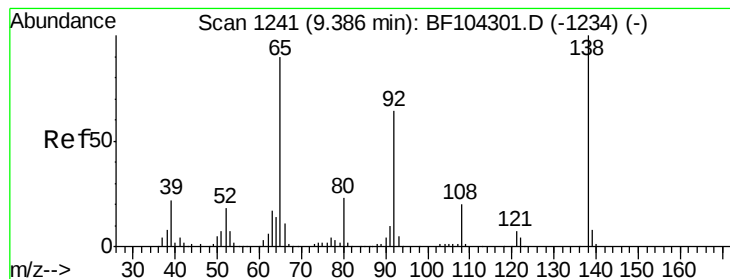


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.919 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

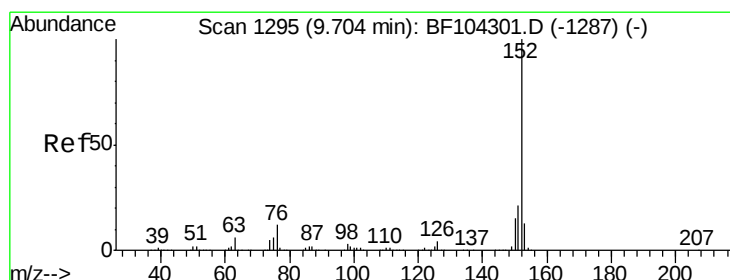
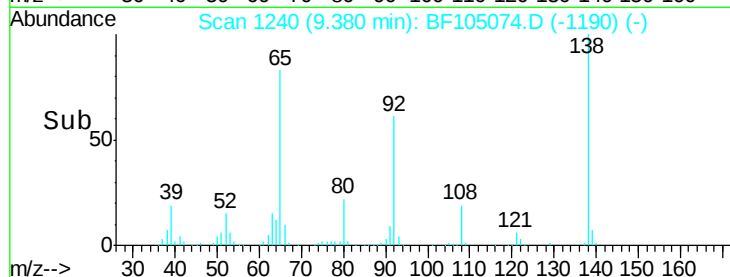
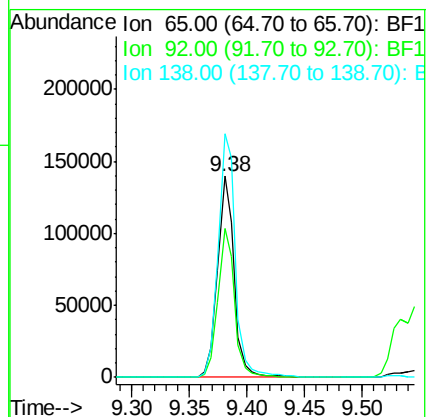
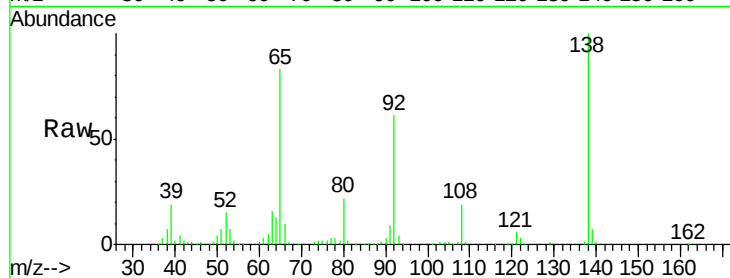
Tot Ion: 65 Resp: 139603

Ion Ratio Lower Upper

65 100

92 74.2 55.8 83.6

138 121.0 91.2 136.8



#48

Acenaphthylene

Concen: 33.530 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

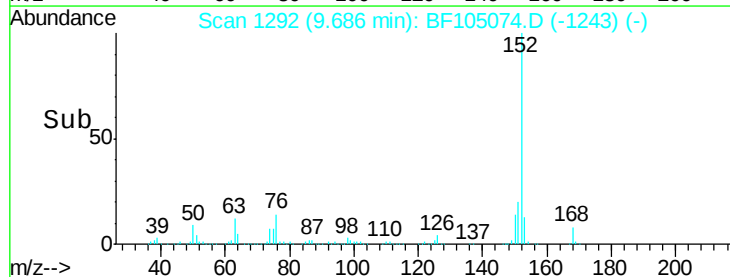
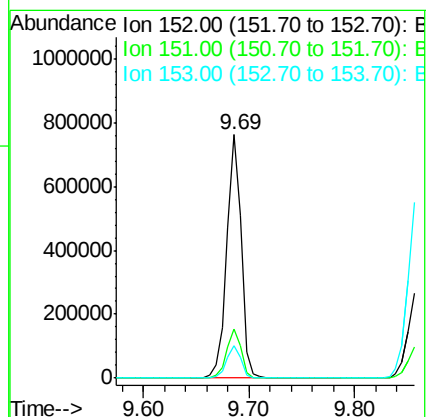
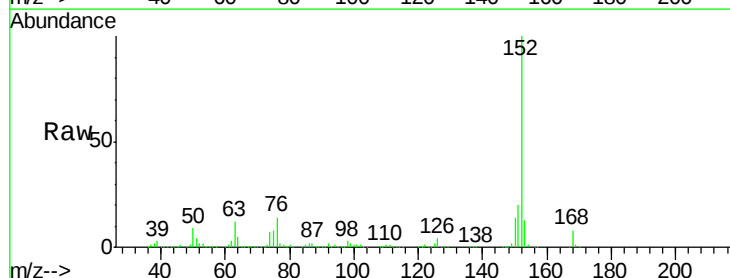
Tgt Ion: 152 Resp: 725773

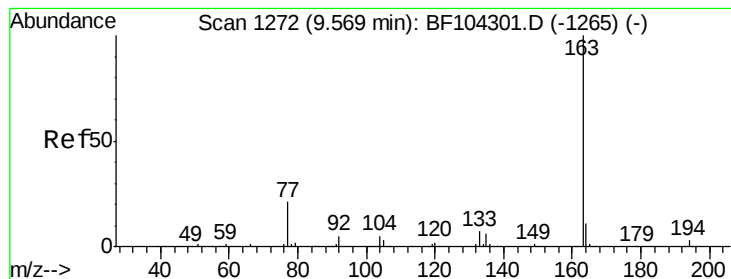
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 37.254 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

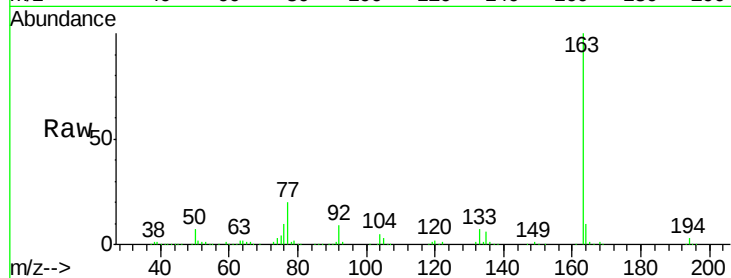
Tot Ion:163 Resp: 610795

Ion Ratio Lower Upper

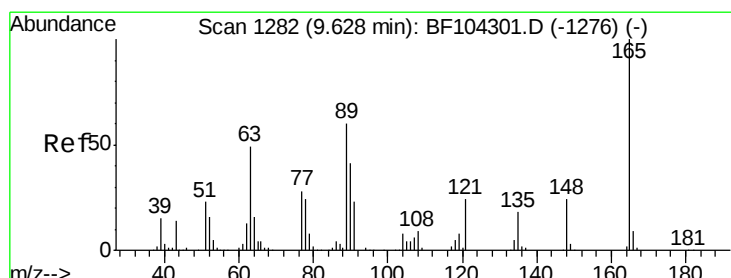
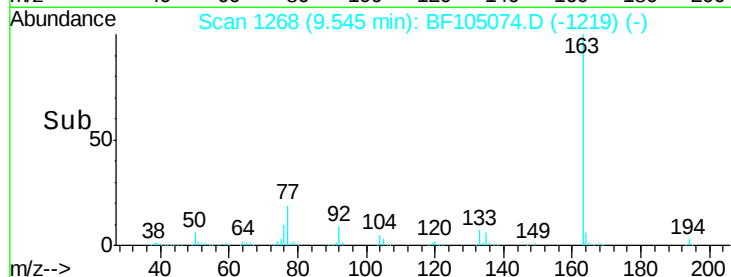
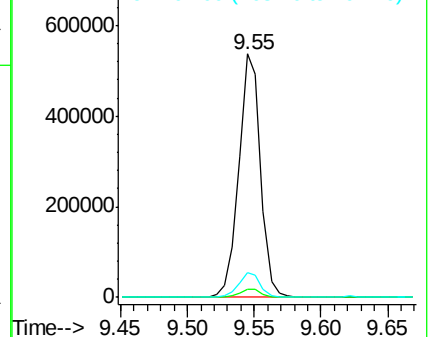
163 100

194 3.4 2.7 4.1

164 10.2 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: 44.432 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

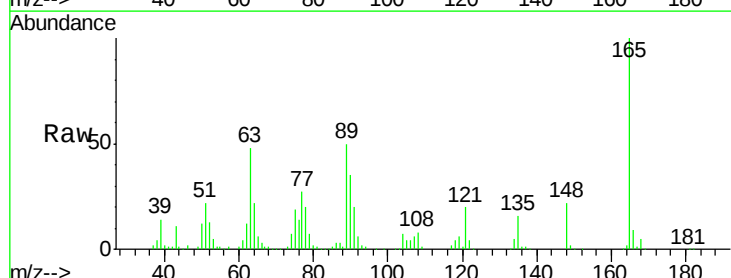
Tgt Ion:165 Resp: 134796

Ion Ratio Lower Upper

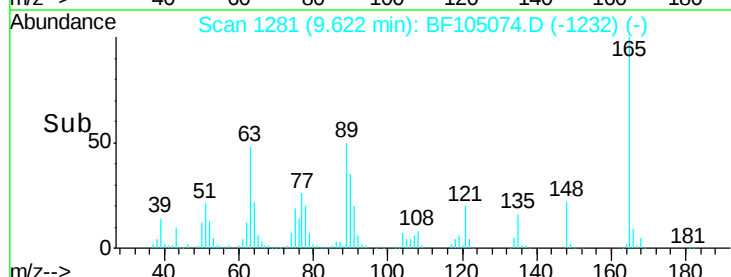
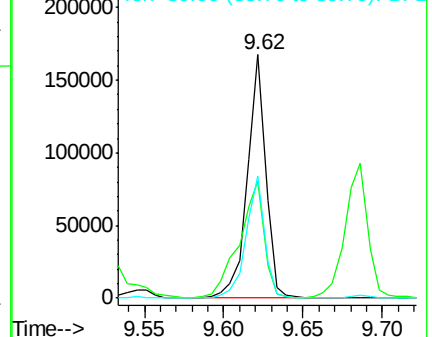
165 100

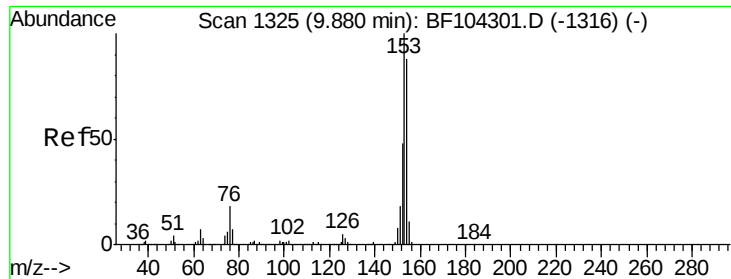
63 48.2 44.7 67.1

89 50.1 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: 33.022 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

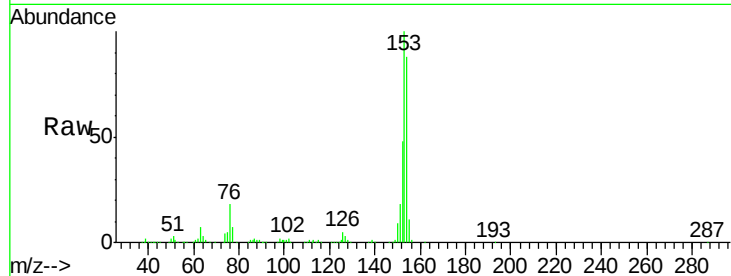
Tot Ion:154 Resp: 436112

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

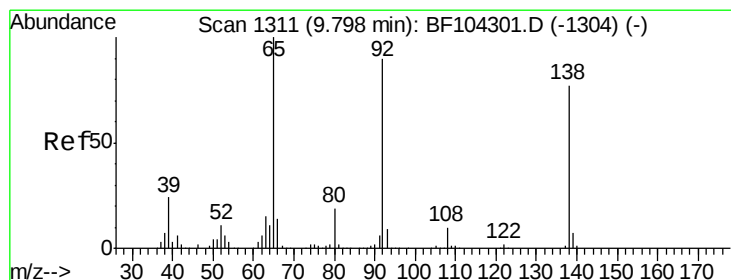
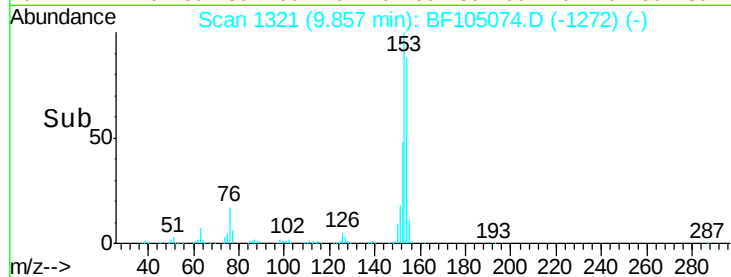
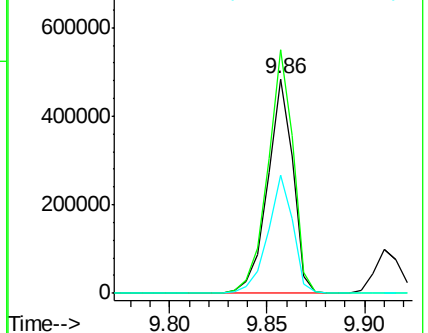
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.060 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

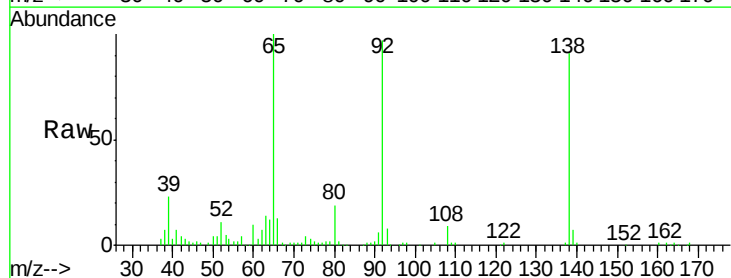
Tgt Ion:138 Resp: 89003

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

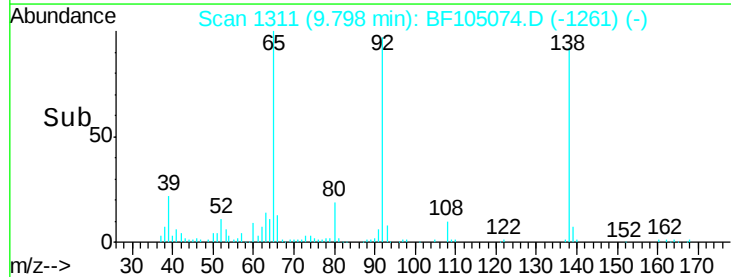
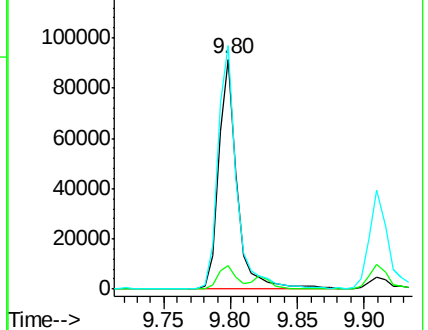
92 105.8 89.4 134.2

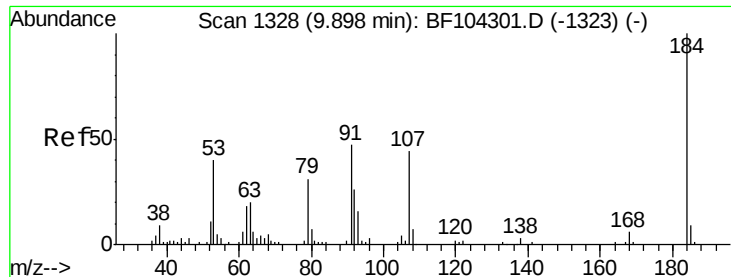


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

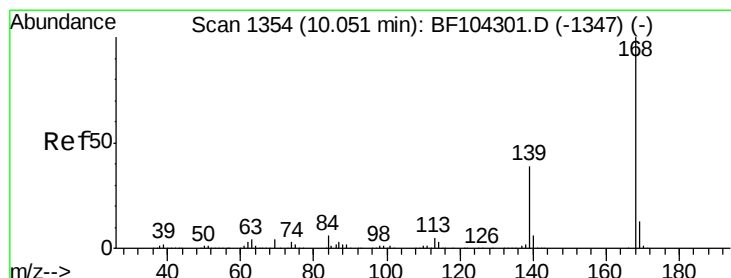
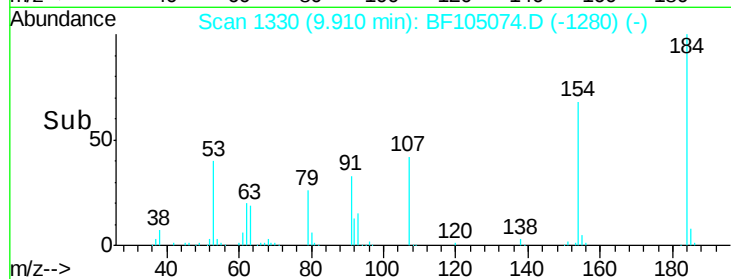
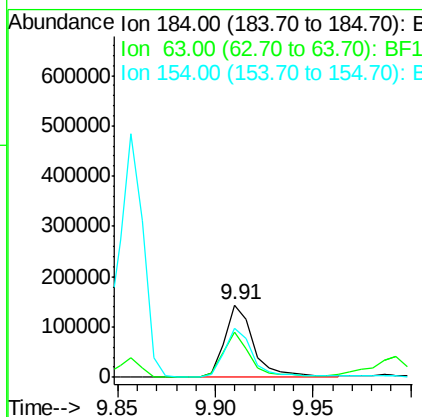
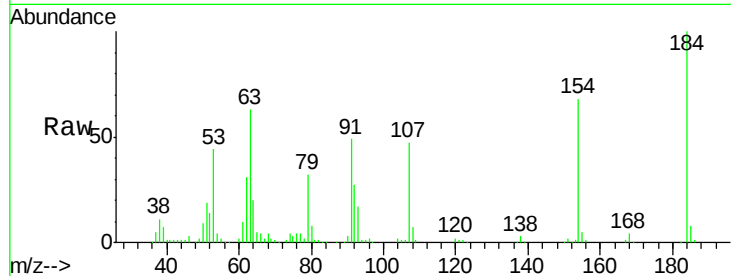




#53
 2,4-Dinitrophenol
 Concen: 104.614 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

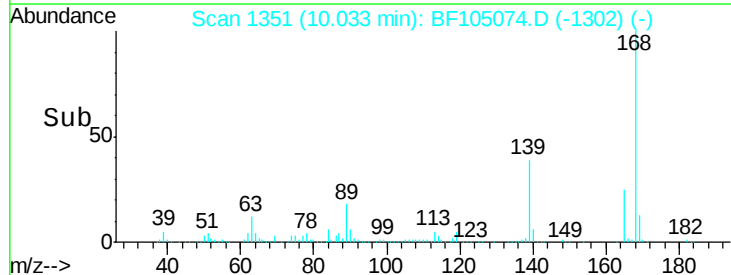
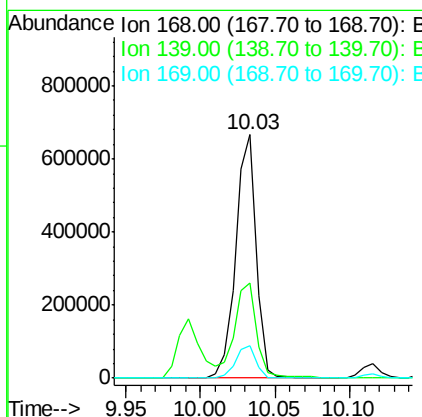
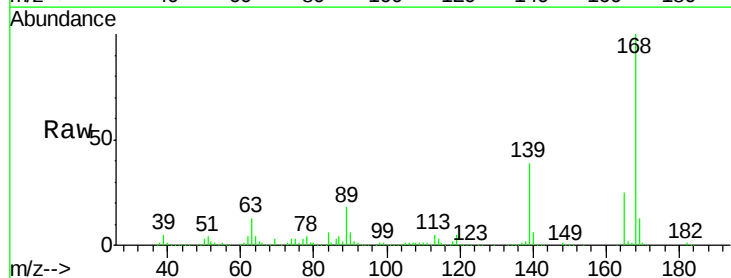
Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

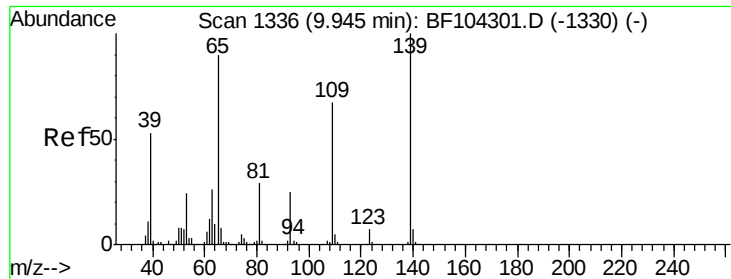
Tot Ion:184 Resp: 150447
 Ion Ratio Lower Upper
 184 100
 63 62.6 54.2 81.2
 154 67.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.845 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:168 Resp: 641312
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.1 10.9 16.3

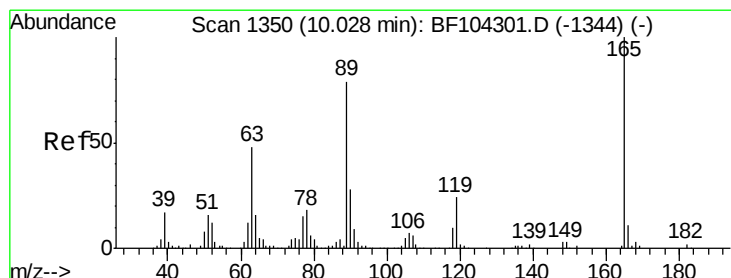
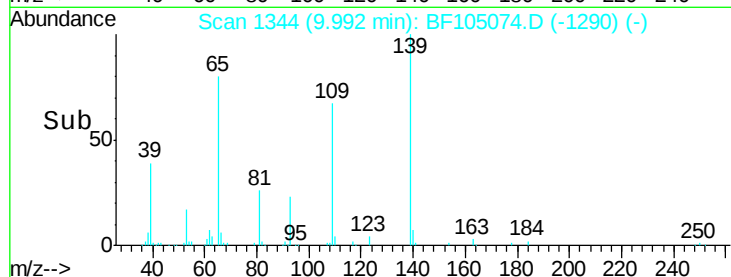
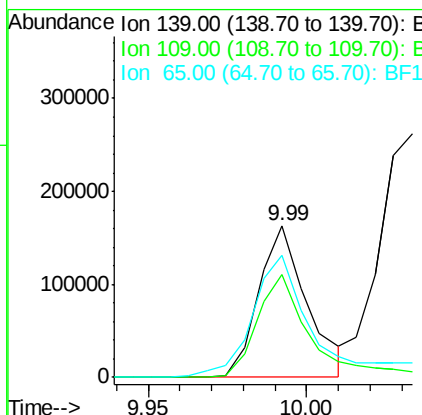
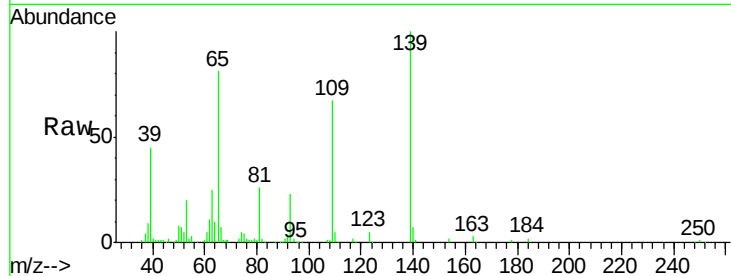




#55
4-Nitrophenol
Concen: 61.885 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

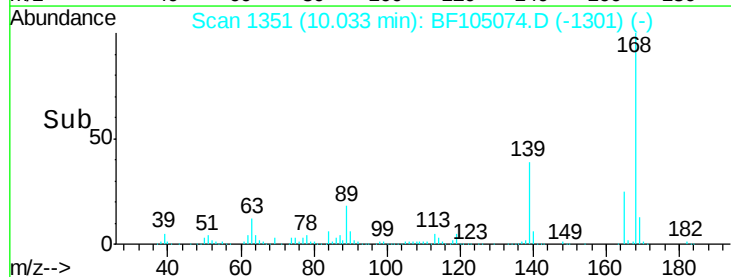
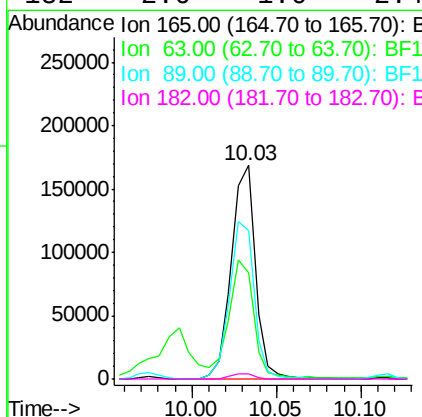
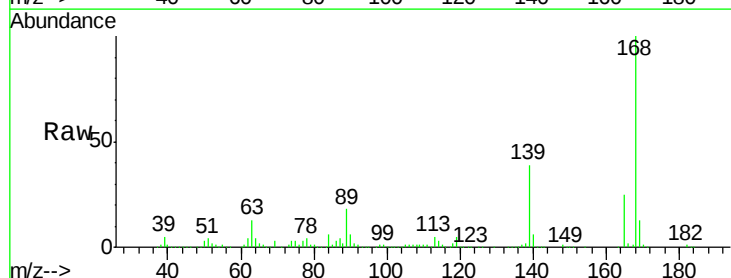
Instrument :
BNA_F
ClientSampleId :
PB108807BS

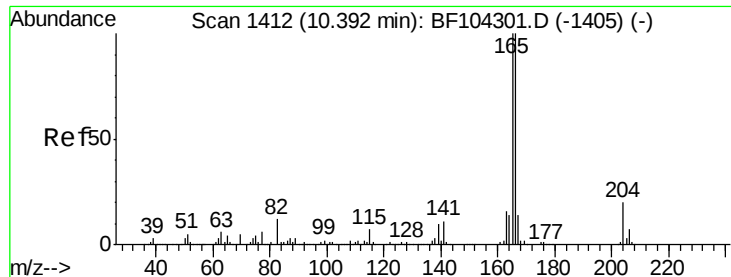
Tot Ion:139 Resp: 172655
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 80.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.112 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:165 Resp: 167584
Ion Ratio Lower Upper
165 100
63 49.6 36.4 54.6
89 69.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 40.365 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

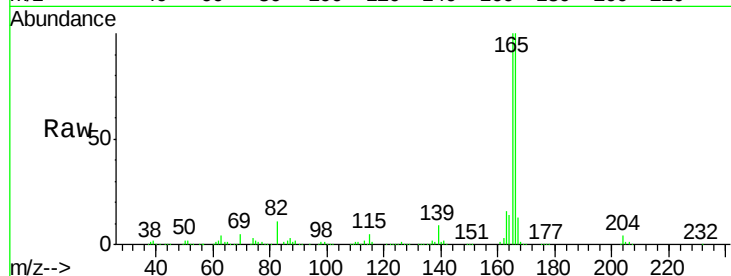
Tot Ion:166 Resp: 540746

Ion Ratio Lower Upper

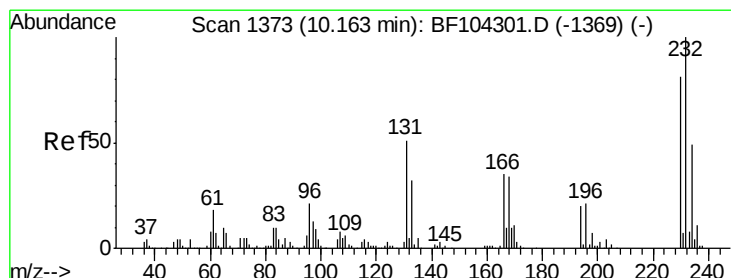
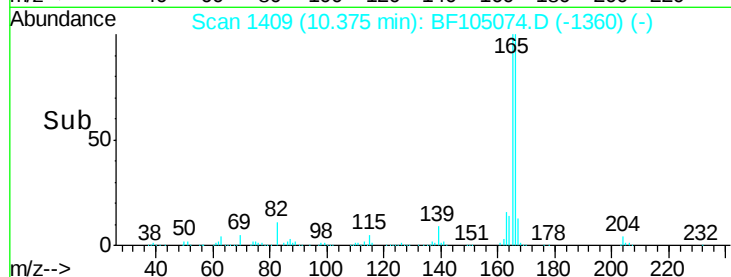
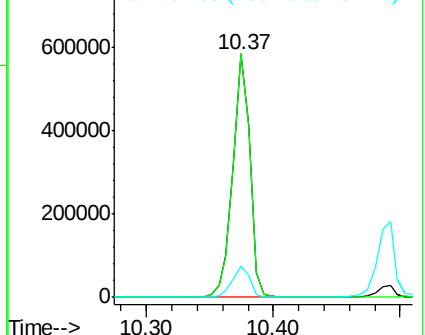
166 100

165 99.9 79.8 119.8

167 13.0 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: 40.715 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Tgt Ion:232 Resp: 140434

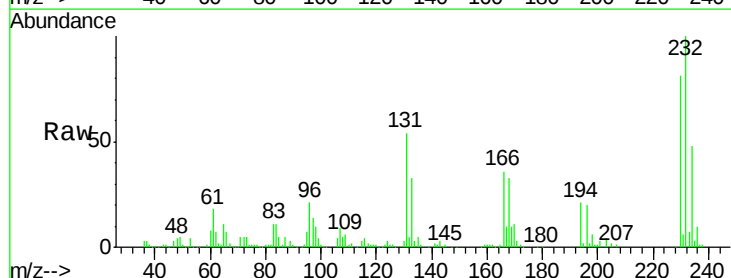
Ion Ratio Lower Upper

232 100

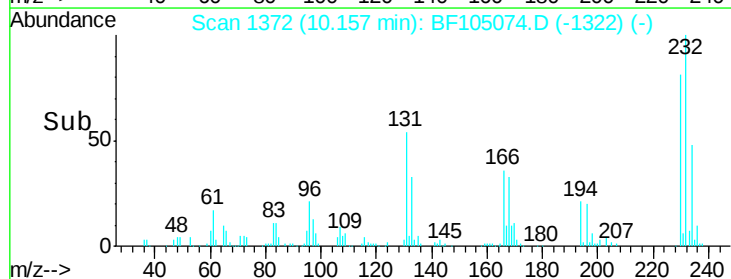
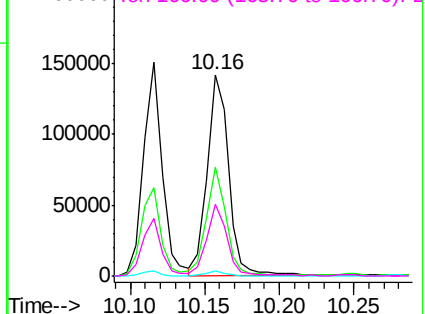
131 49.8 43.8 65.8

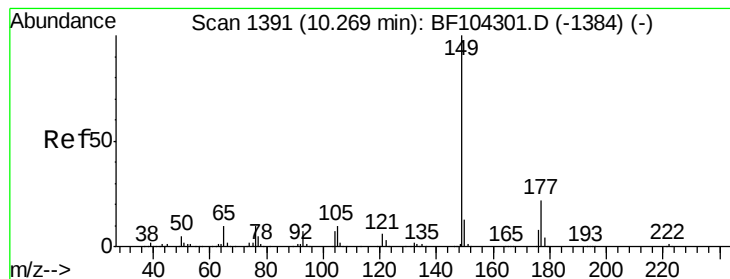
130 2.4 2.1 3.1

166 34.1 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: 38.048 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

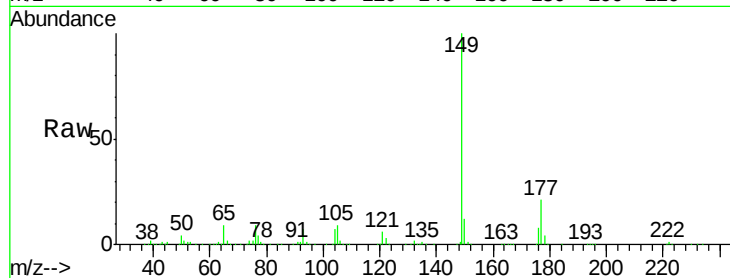
Tot Ion:149 Resp: 621268

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

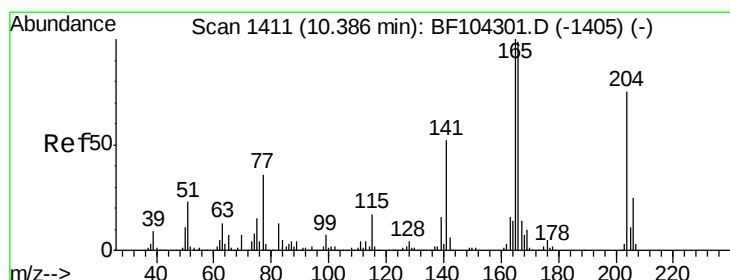
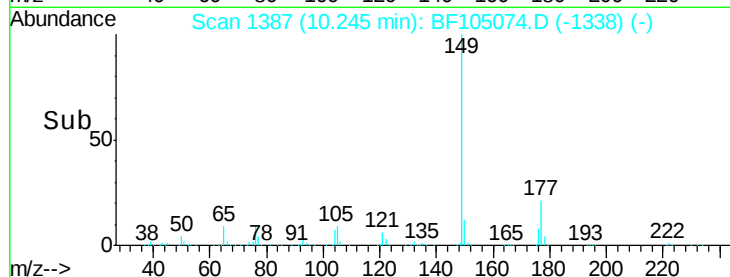
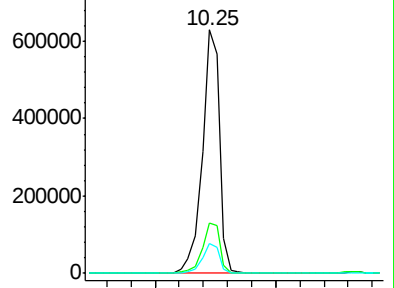
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.145 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

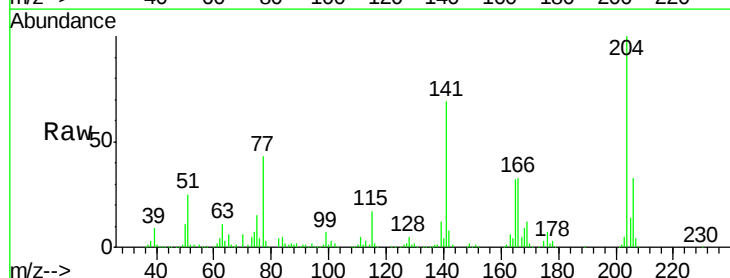
Tgt Ion:204 Resp: 251439

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

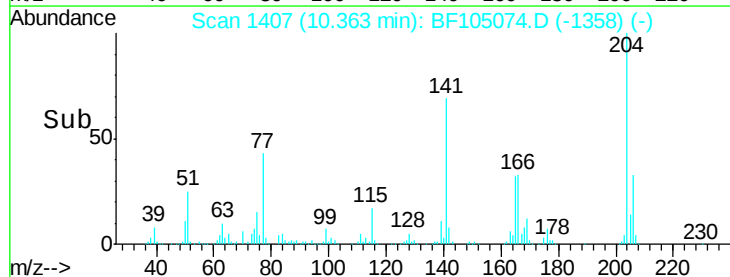
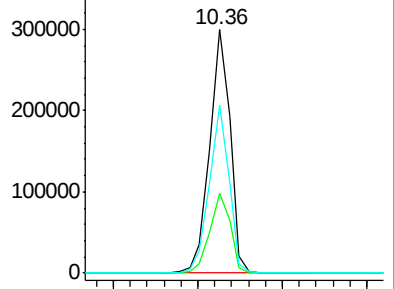
141 69.3 54.6 81.8

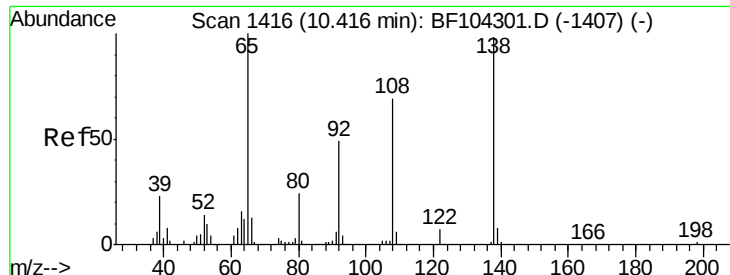


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

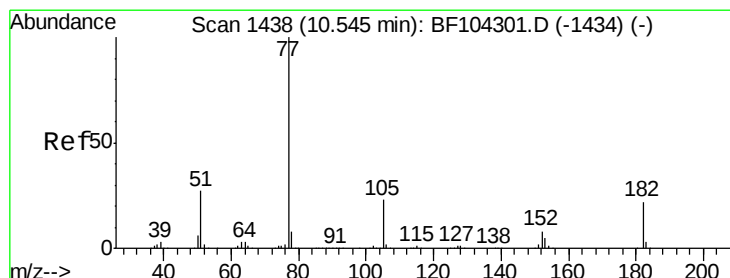
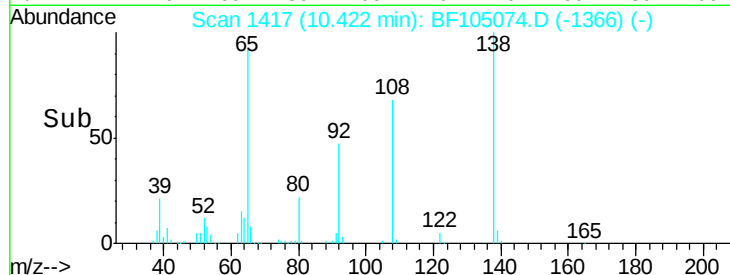
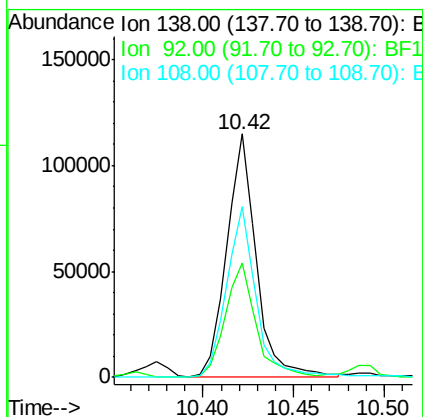
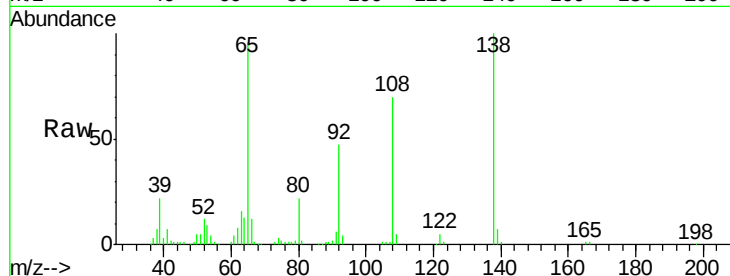




#61
4-Nitroaniline
Concen: 37.122 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

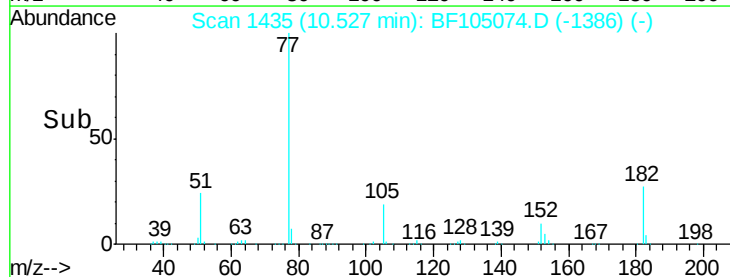
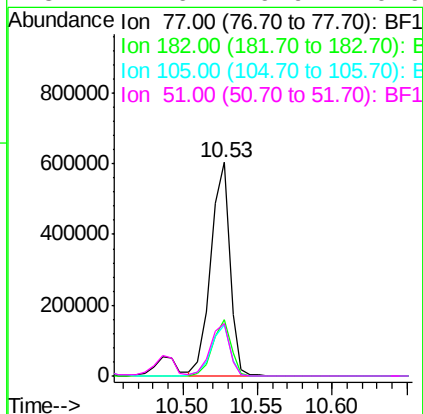
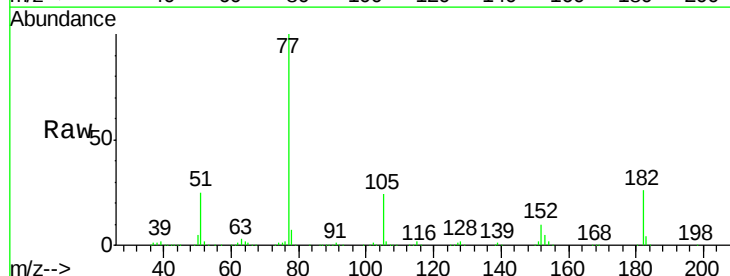
Instrument :
BNA_F
ClientSampleId :
PB108807BS

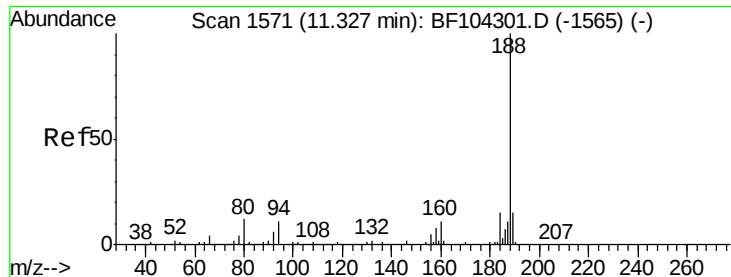
Tot Ion:138 Resp: 128915
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 34.184 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion: 77 Resp: 533274
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 23.9 3.0 43.0
51 24.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

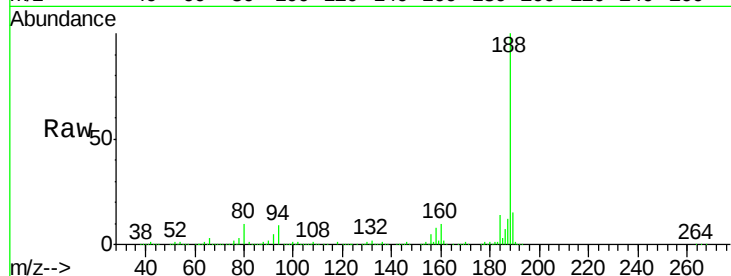
Tot Ion:188 Resp: 408351

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

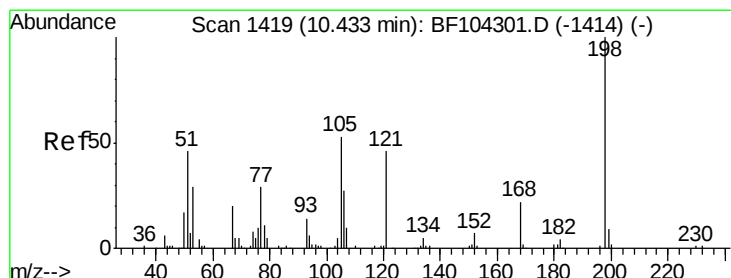
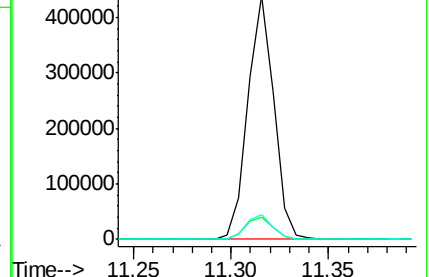
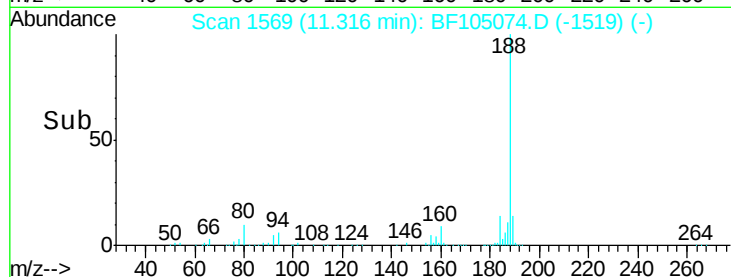
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 48.325 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

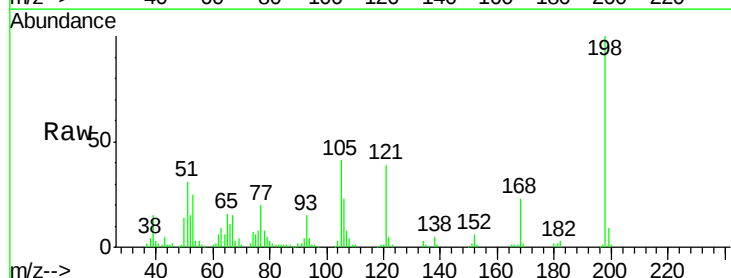
Tgt Ion:198 Resp: 96223

Ion Ratio Lower Upper

198 100

51 31.5 37.7 77.7#

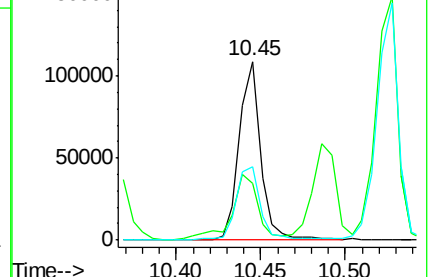
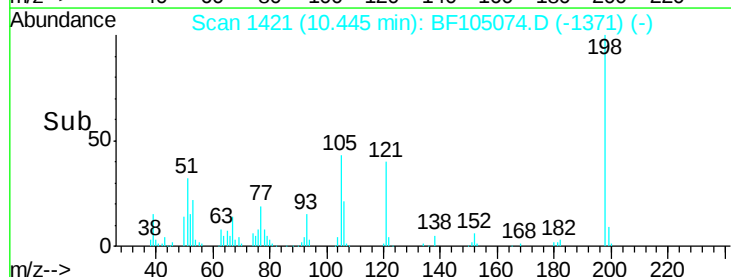
105 41.3 36.3 76.3

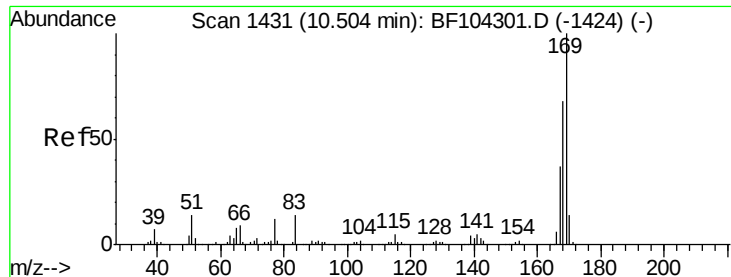


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.088 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

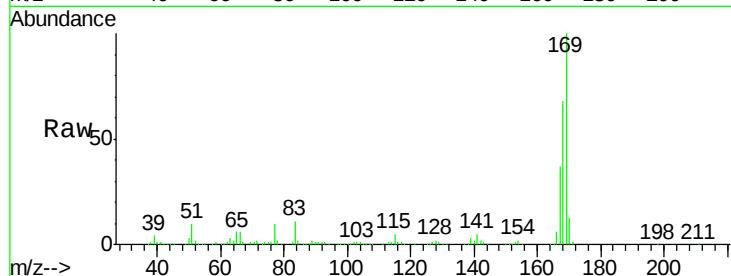
Tot Ion:169 Resp: 482644

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

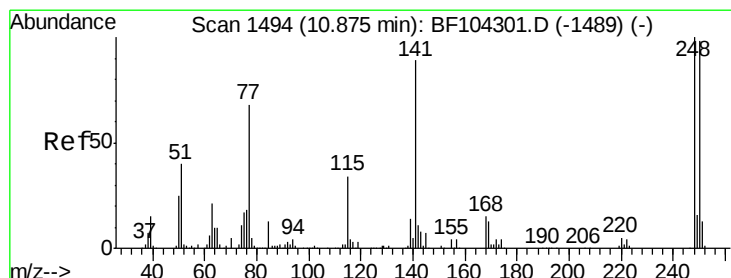
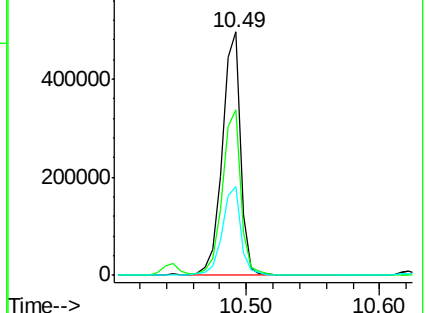
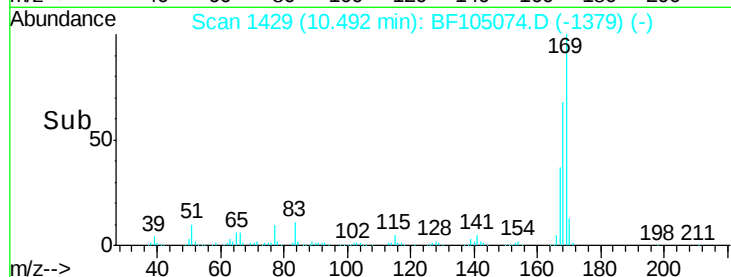
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.321 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

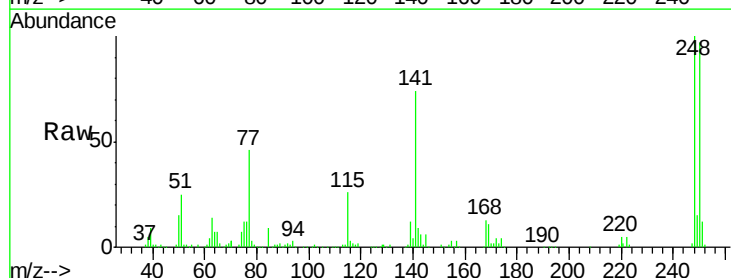
Tgt Ion:248 Resp: 157762

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

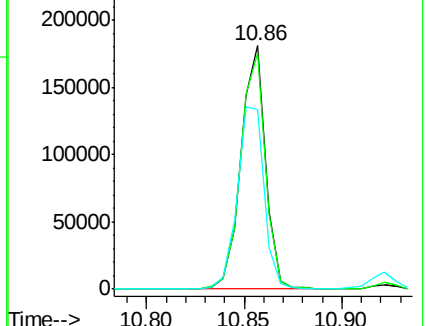
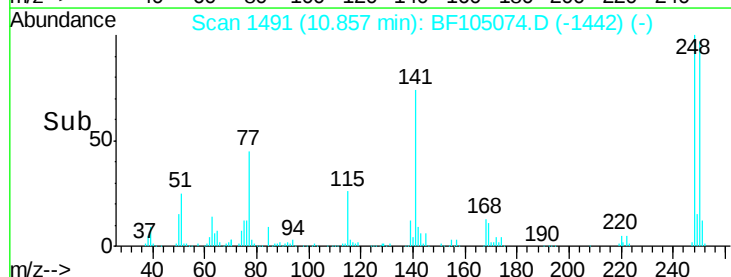
141 73.9 74.4 111.6#

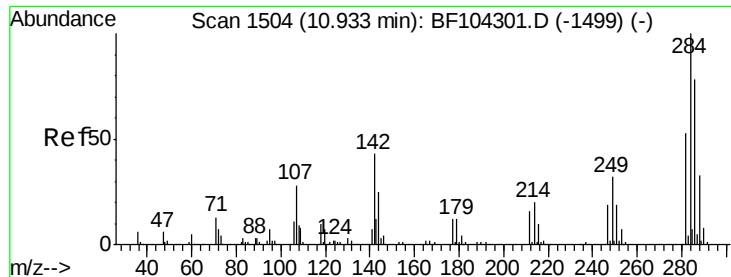


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

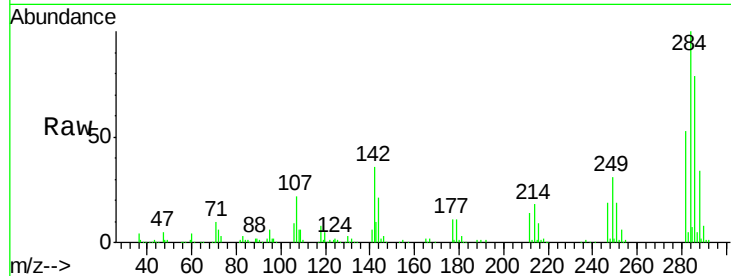




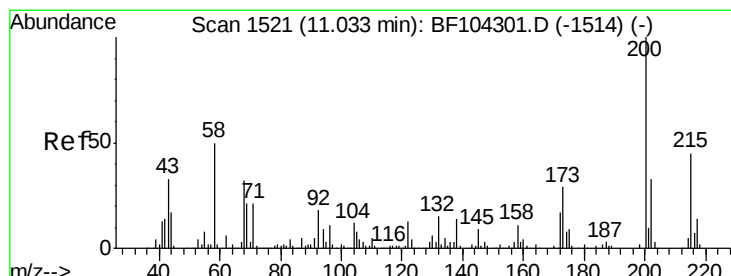
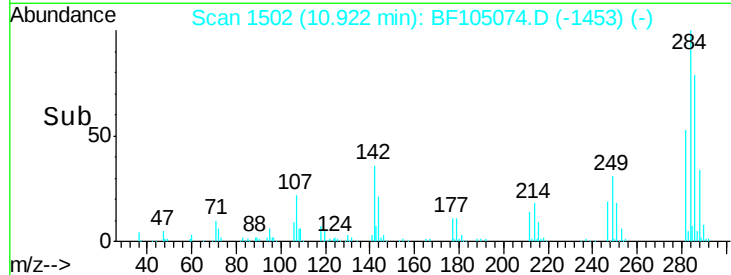
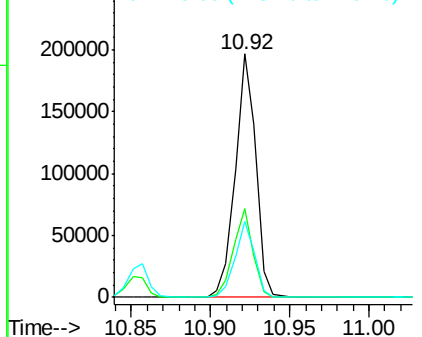
#67
Hexachlorobenzene
Concen: 36.180 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:284 Resp: 176826
Ion Ratio Lower Upper
284 100
142 36.5 34.6 52.0
249 31.1 24.8 37.2

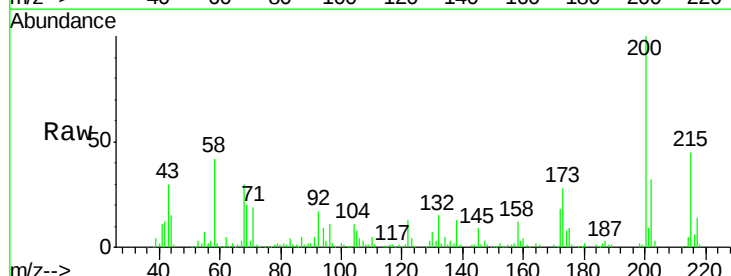


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

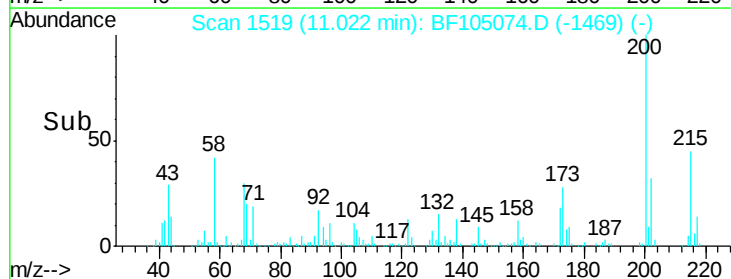
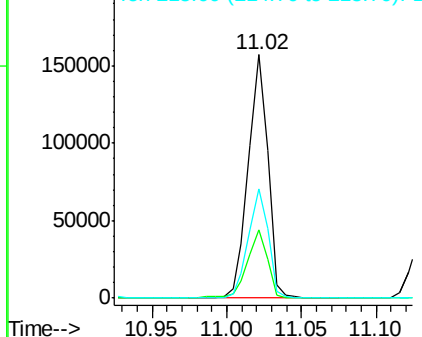


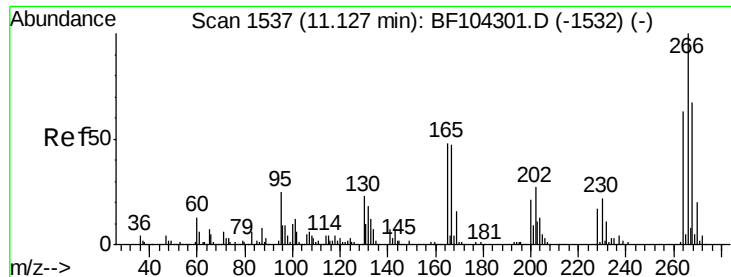
#68
Atrazine
Concen: 33.713 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:200 Resp: 144079
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 44.6 25.1 65.1



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

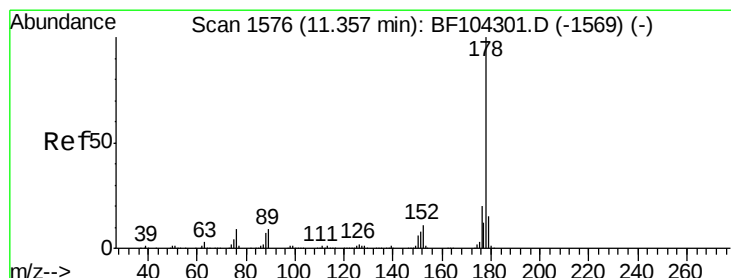
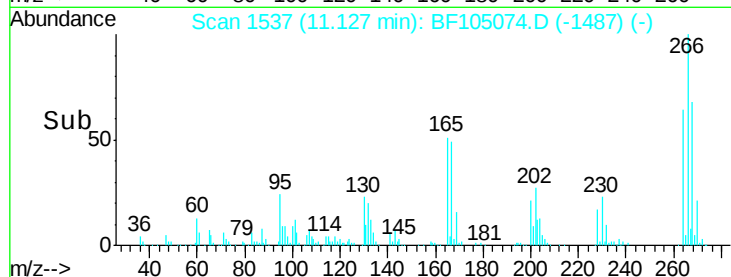
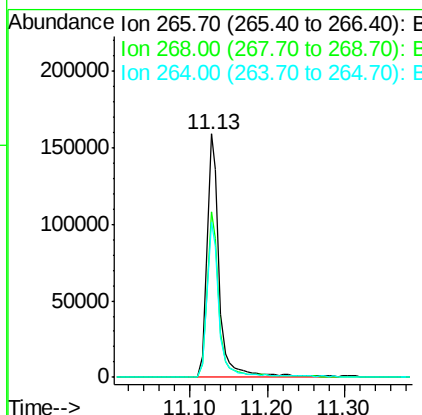
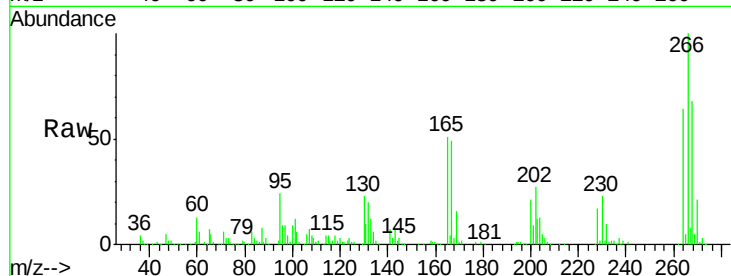




#69
 Pentachlorophenol
 Concen: 58.502 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

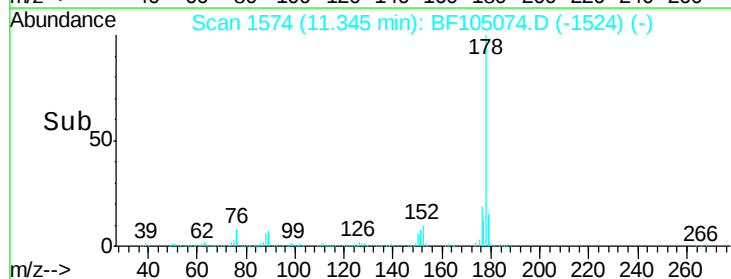
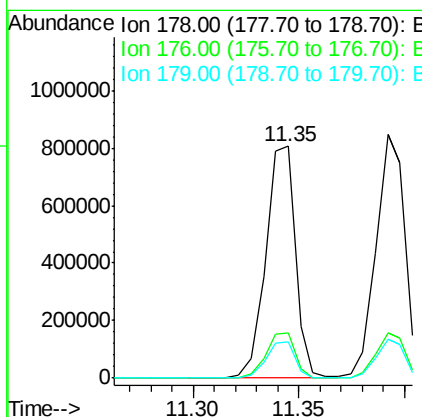
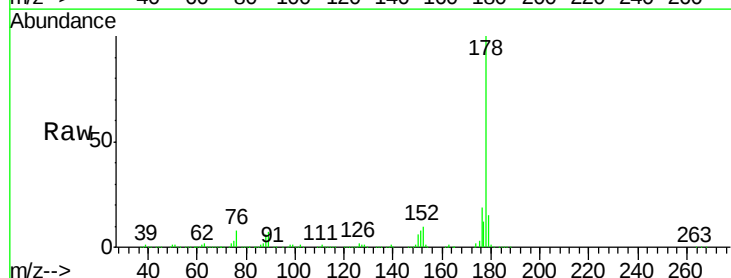
Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

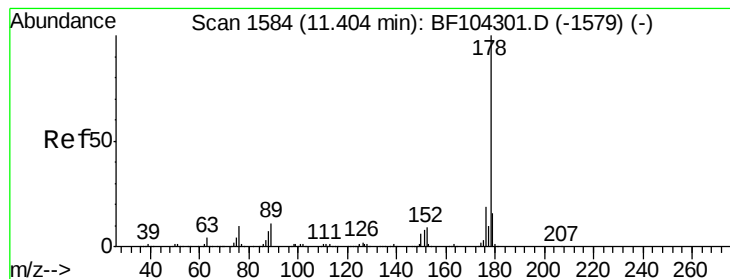
Tot Ion:266 Resp: 176885
 Ion Ratio Lower Upper
 266 100
 268 68.0 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 34.739 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:178 Resp: 790000
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 35.645 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

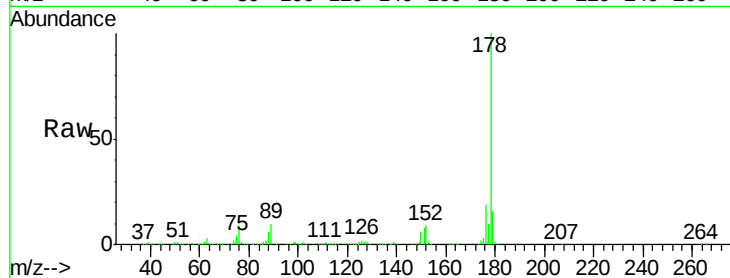
Tot Ion:178 Resp: 823985

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

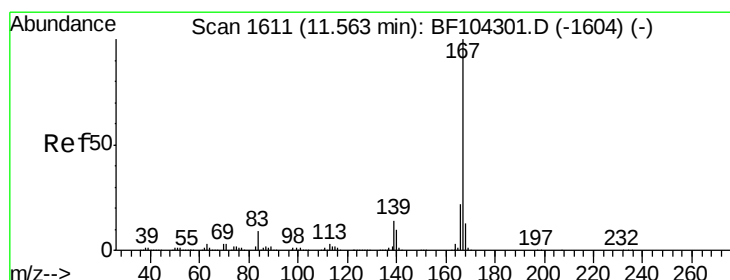
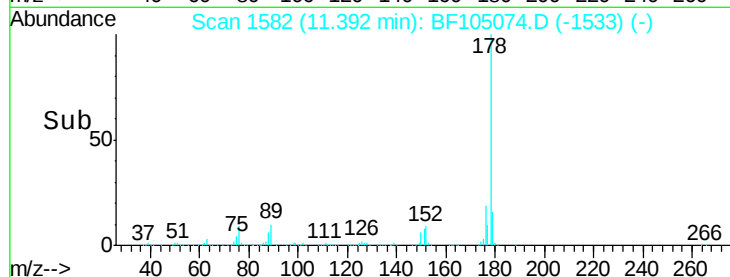
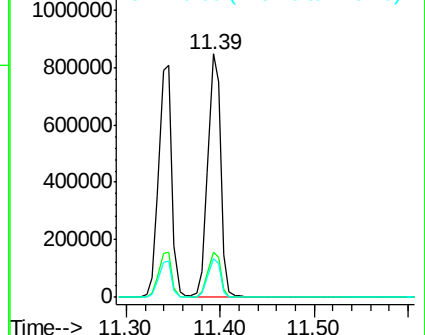
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.198 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

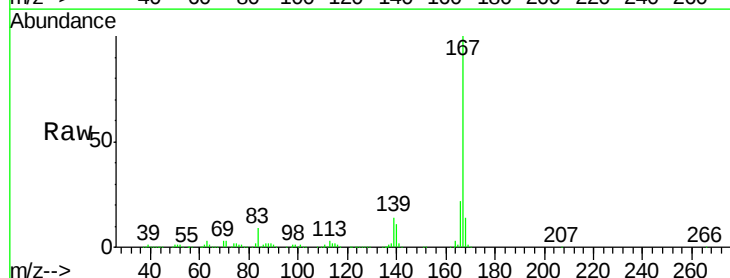
Tgt Ion:167 Resp: 749910

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

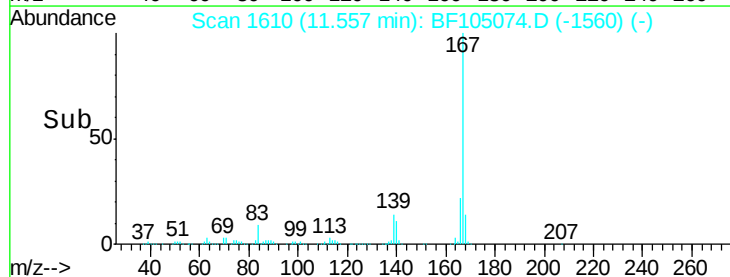
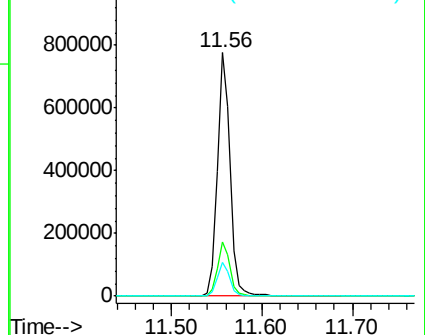
139 13.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.212 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

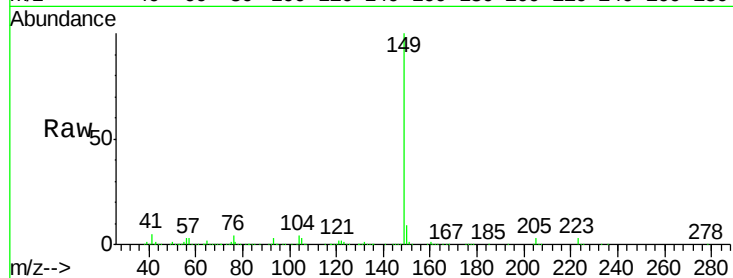
Tot Ion:149 Resp: 971613

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

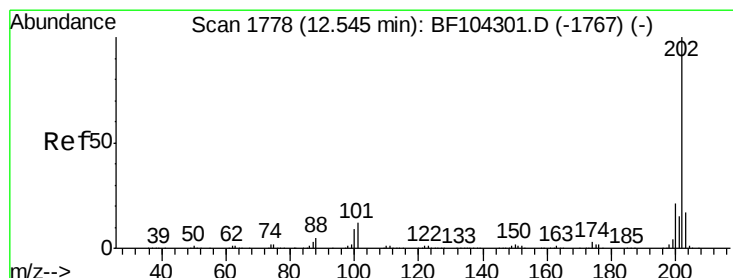
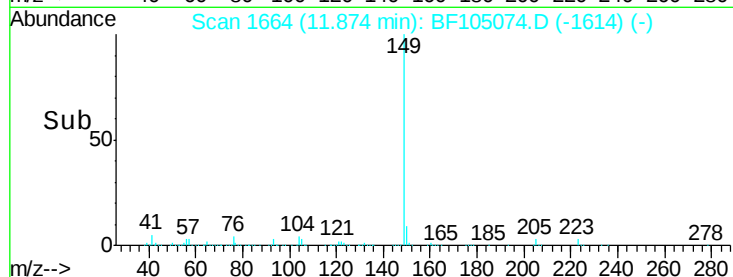
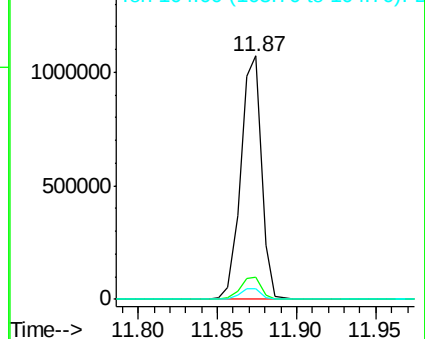
104 4.3 3.8 5.8



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: 34.254 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

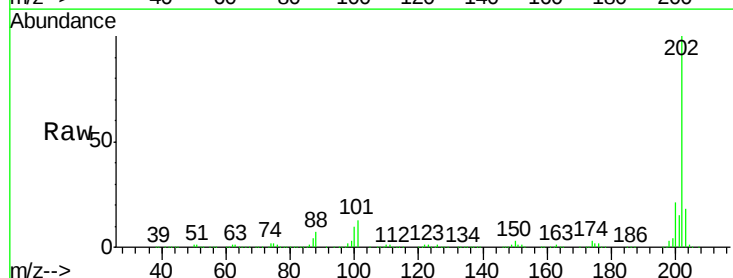
Tgt Ion:202 Resp: 813878

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

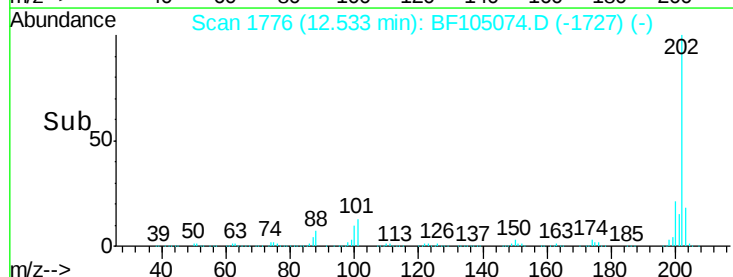
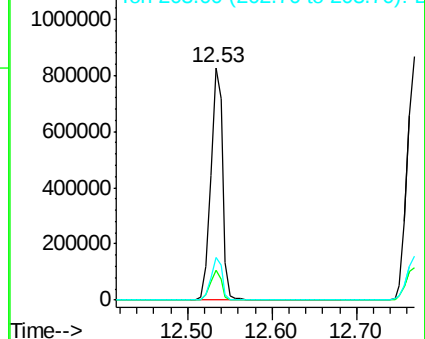
203 18.1 0.0 38.1

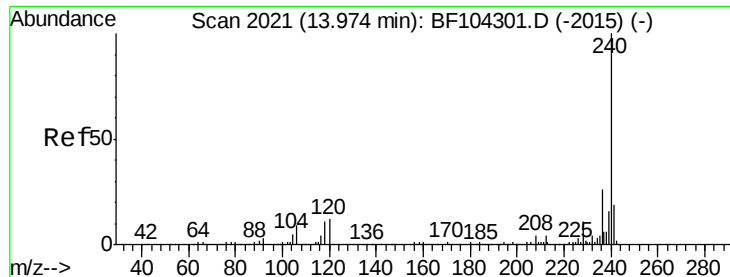


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

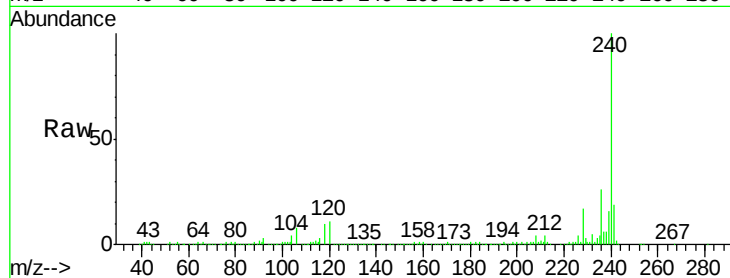
Tot Ion:240 Resp: 301139

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

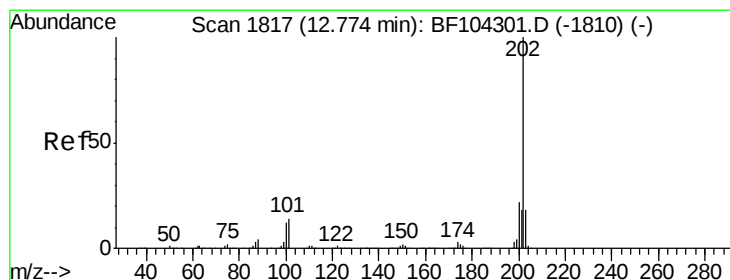
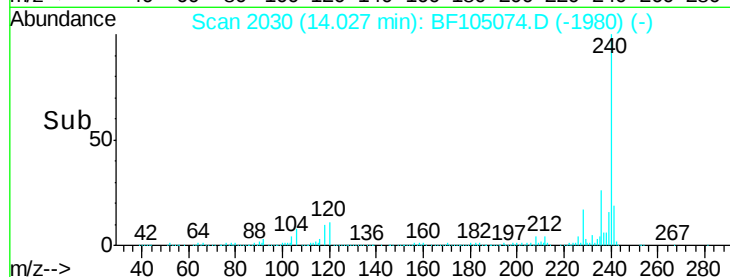
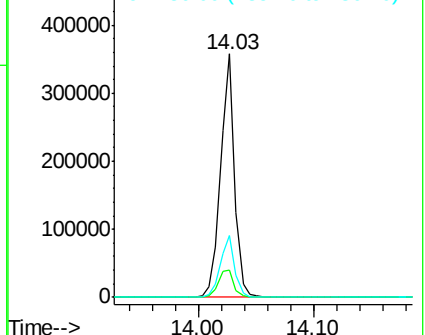
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.694 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

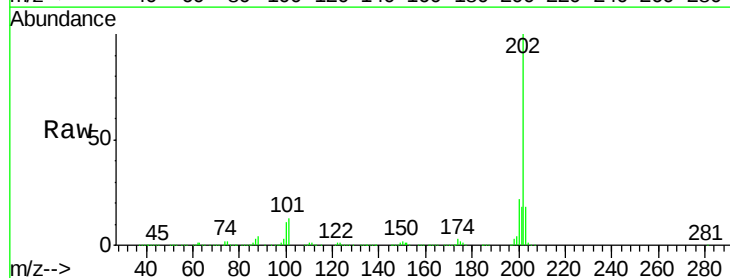
Tgt Ion:202 Resp: 819070

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

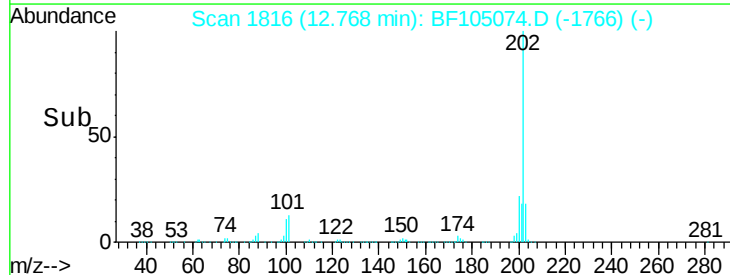
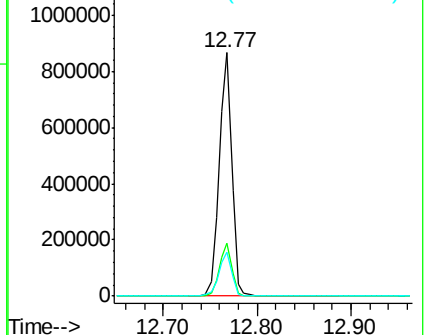
203 17.9 14.3 21.5

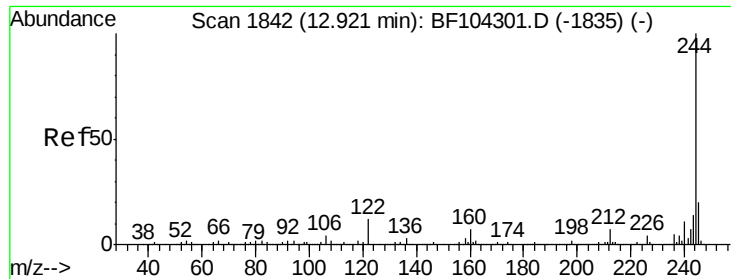


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

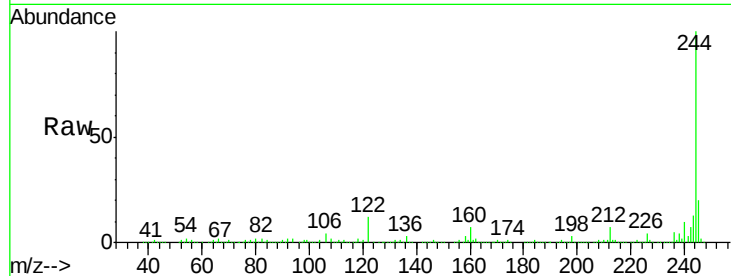




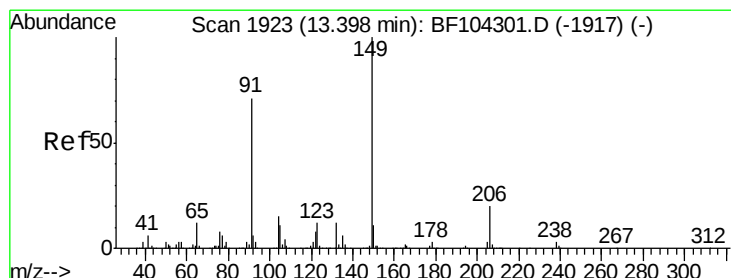
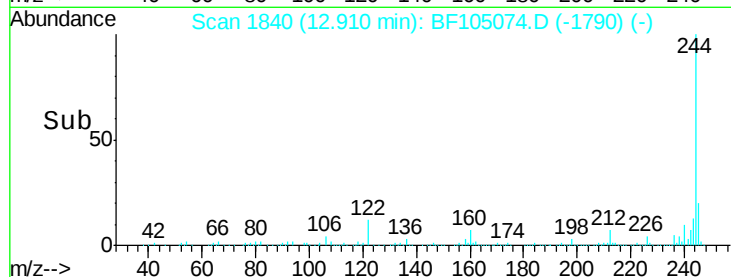
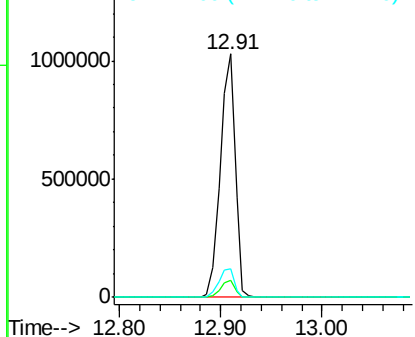
#78
 Terphenyl-d14
 Concen: 79.541 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BS

Tot Ion:244 Resp: 1050642
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

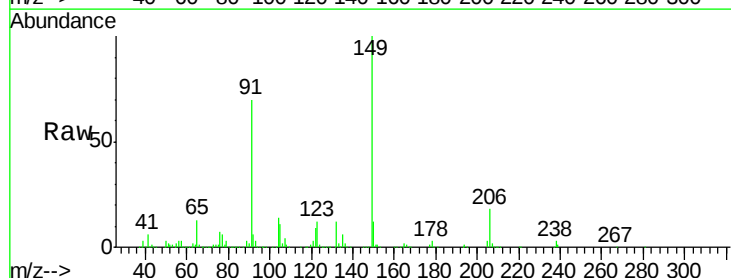


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

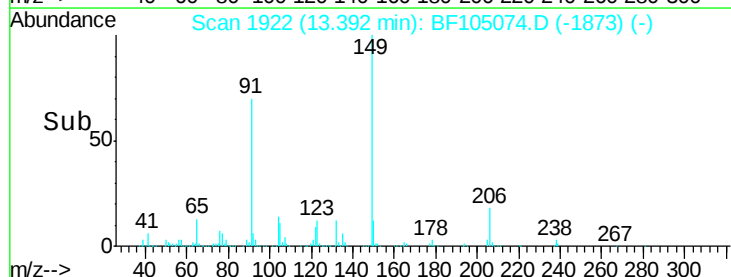
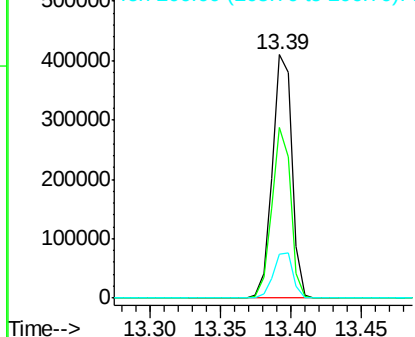


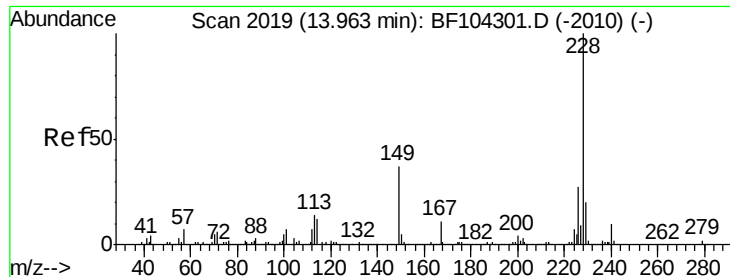
#79
 Butylbenzylphthalate
 Concen: 38.191 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion:149 Resp: 401618
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.8 85.2
 206 17.9 14.1 21.1



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





#80

Benzo(a)anthracene

Concen: 39.186 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

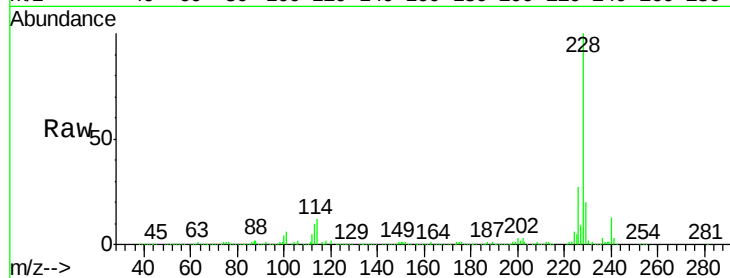
Tot Ion:228 Resp: 704966

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

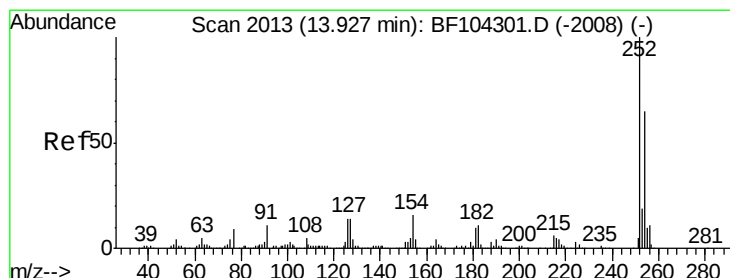
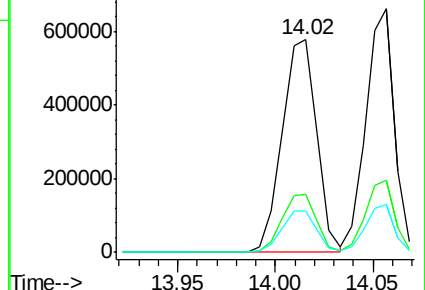
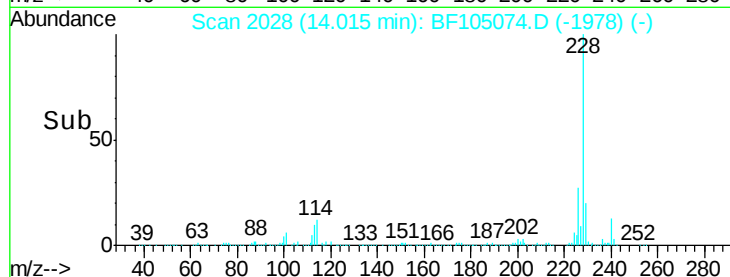
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 18.575 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

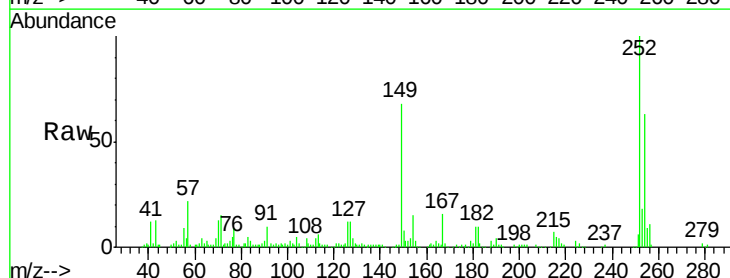
Tgt Ion:252 Resp: 124596

Ion Ratio Lower Upper

252 100

254 62.8 50.4 75.6

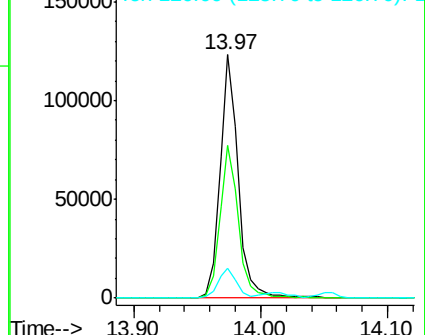
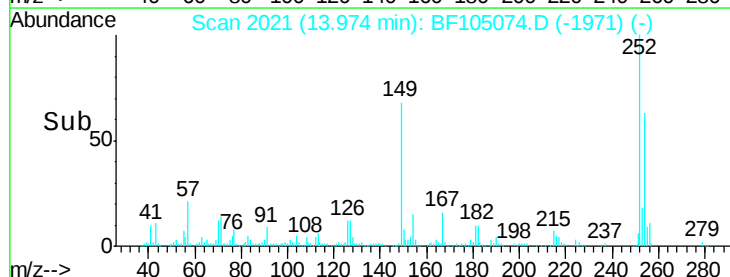
126 12.4 11.3 16.9

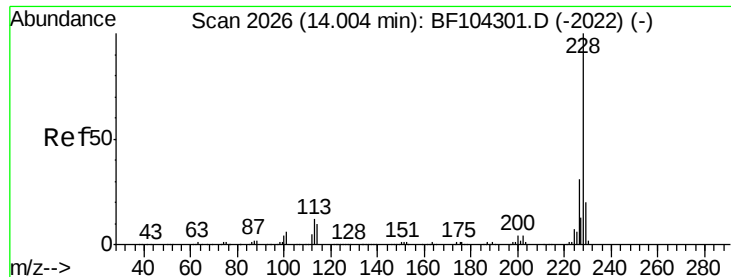


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.382 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

PB108807BS

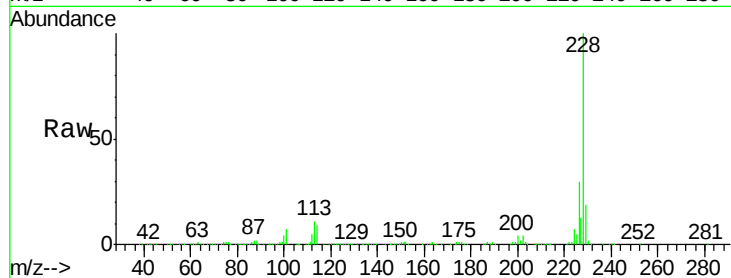
Tot Ion:228 Resp: 672302

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

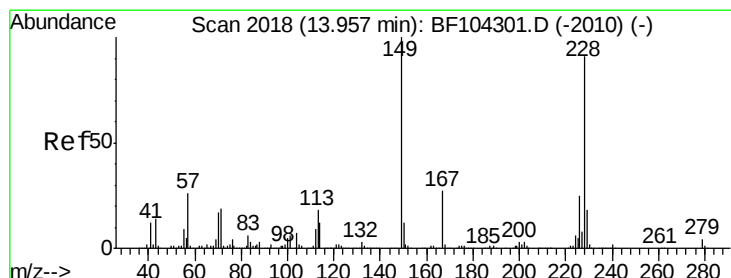
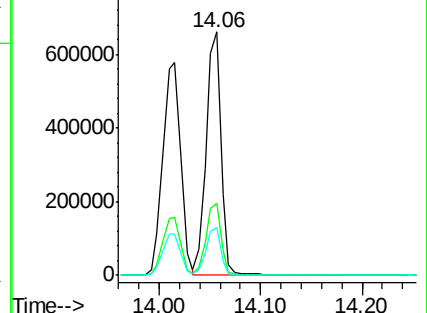
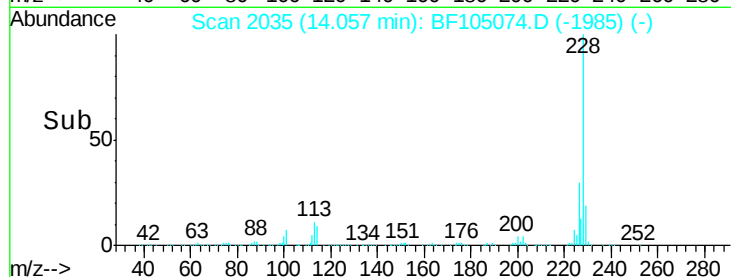
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.592 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

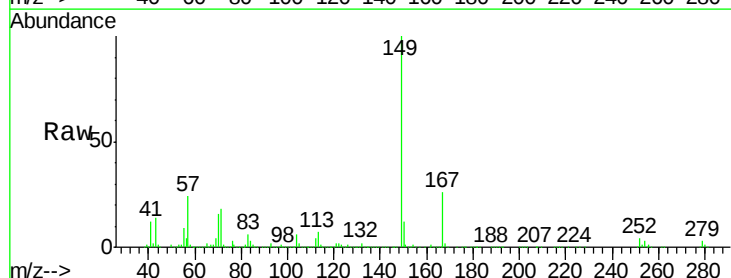
Tgt Ion:149 Resp: 549057

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

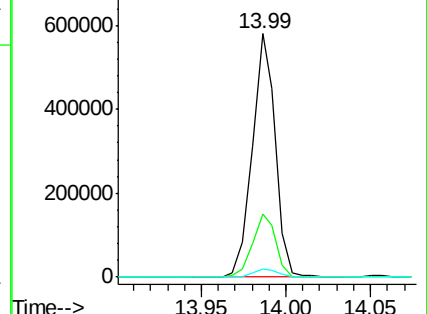
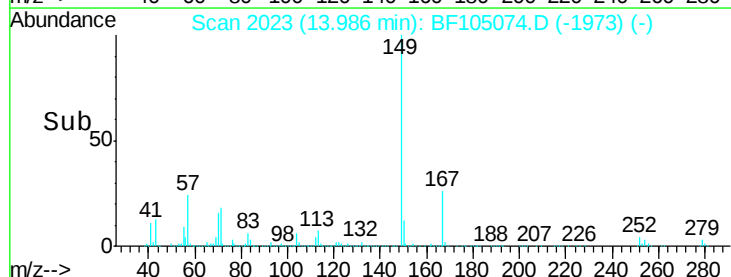
279 3.2 3.0 4.4

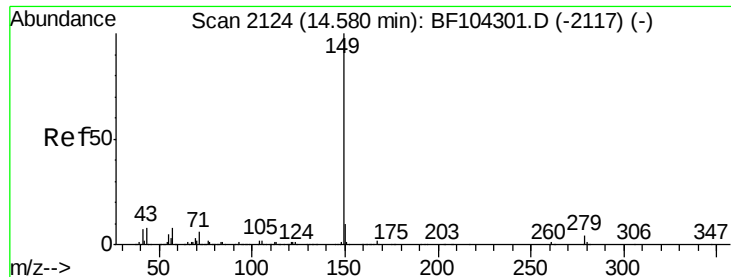


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

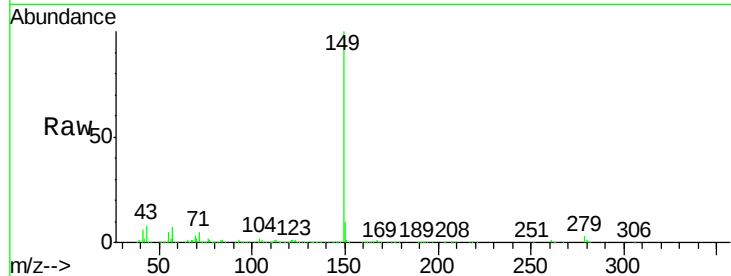




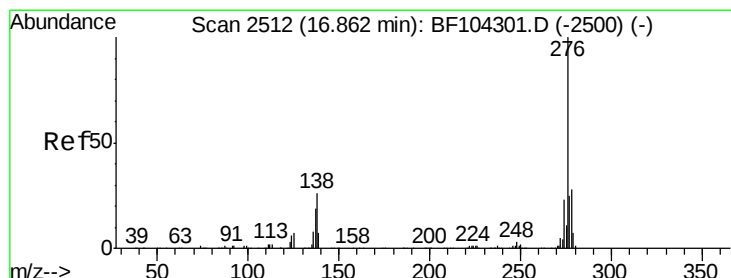
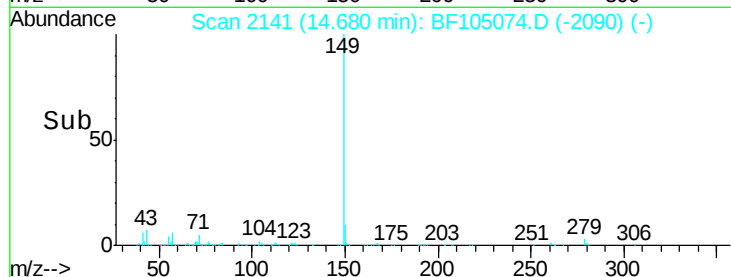
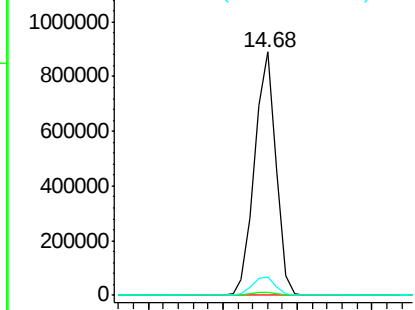
#84
Di-n-octyl phthalate
Concen: 38.536 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	8.4	12.6

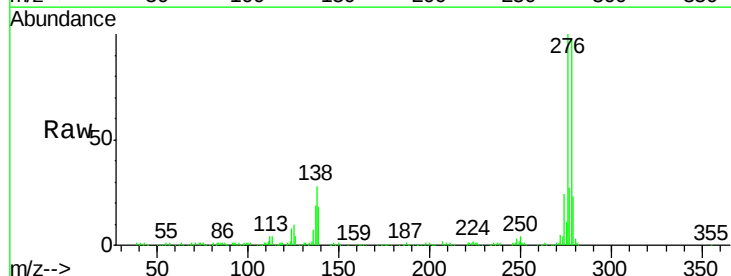


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

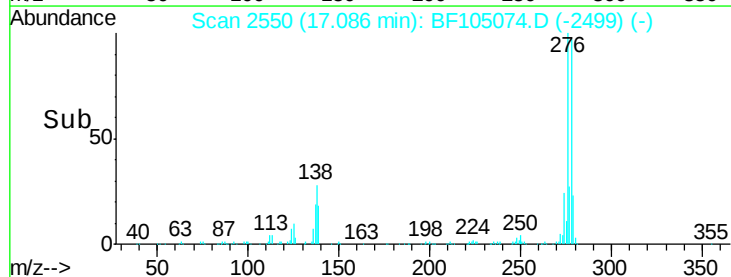
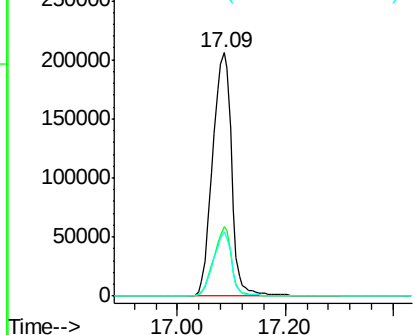


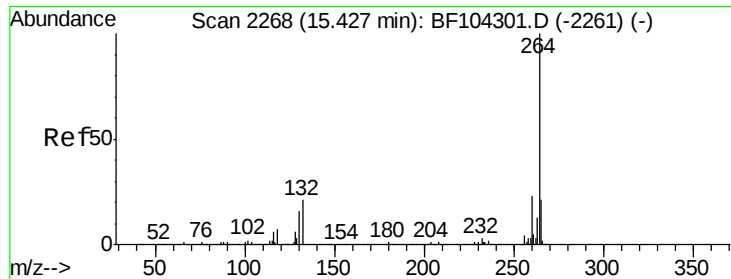
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.364 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	25.4	20.1	30.1



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

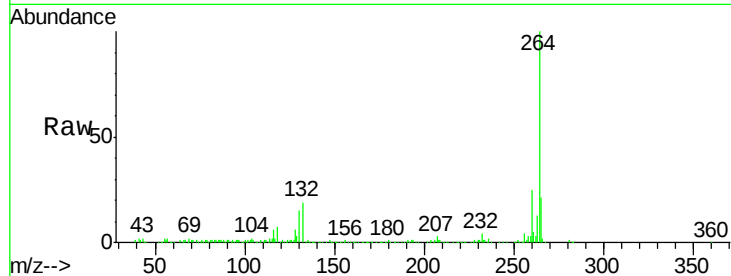




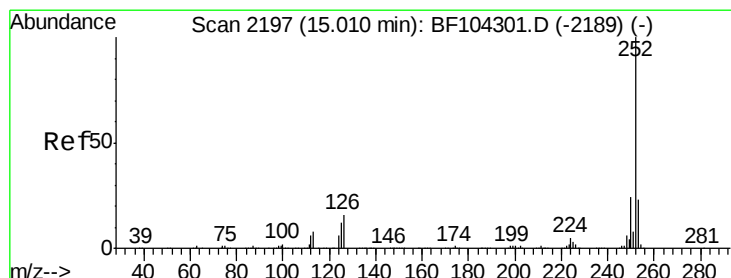
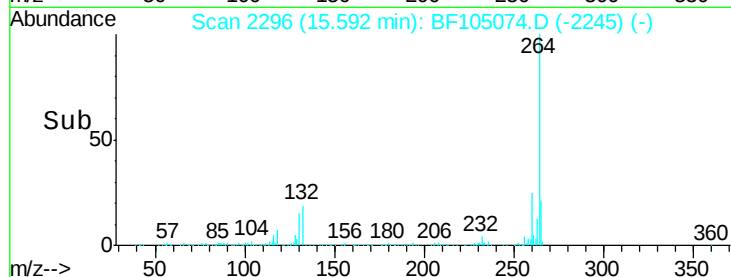
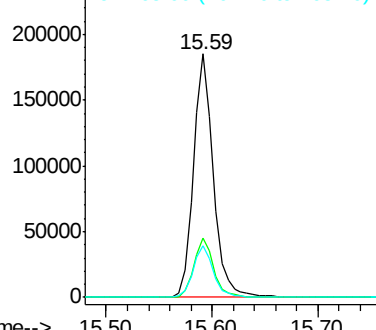
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:264 Resp: 242054
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.2 17.5 26.3

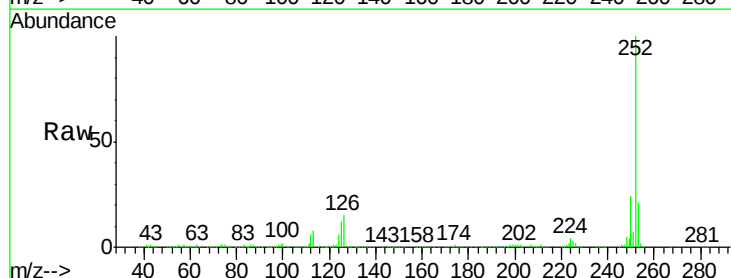


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

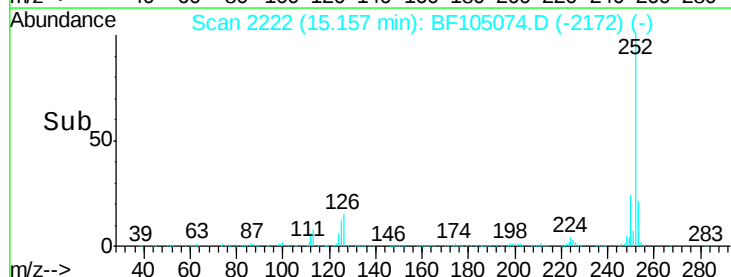
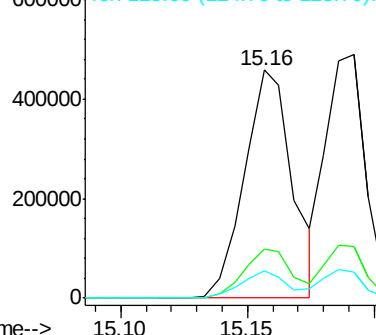


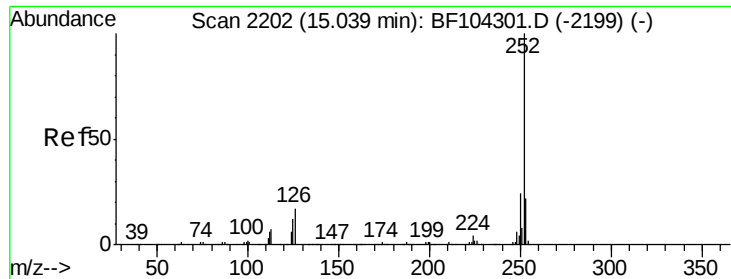
#87
Benzo(b)fluoranthene
Concen: 39.583 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:252 Resp: 605135
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.0 9.0 13.6



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

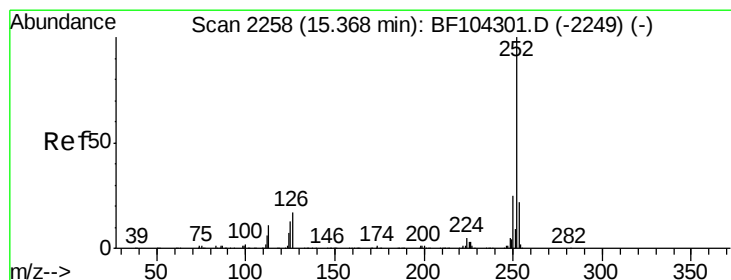
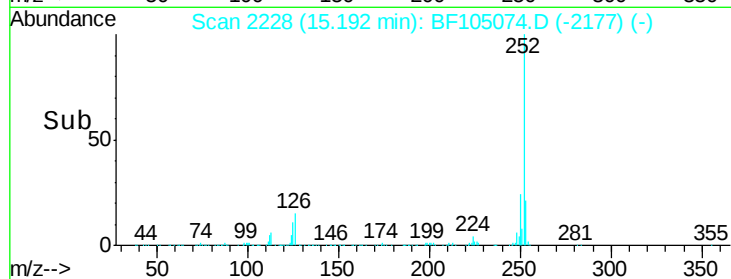
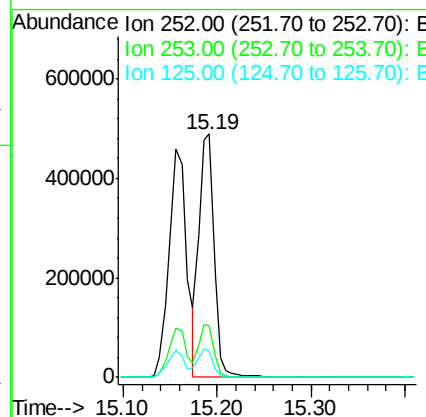
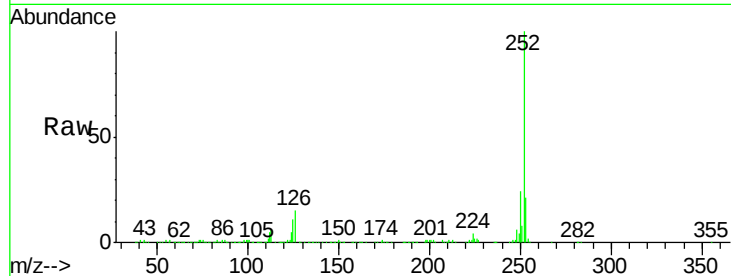




#88
Benzo(k)fluoranthene
Concen: 37.727 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

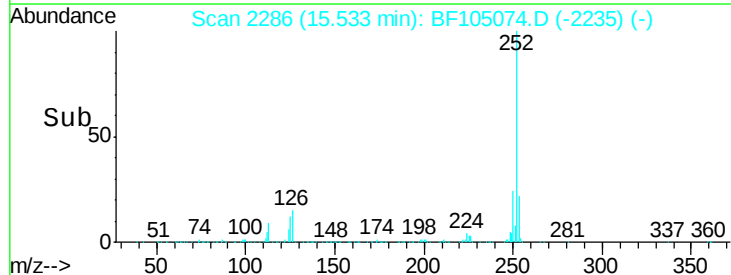
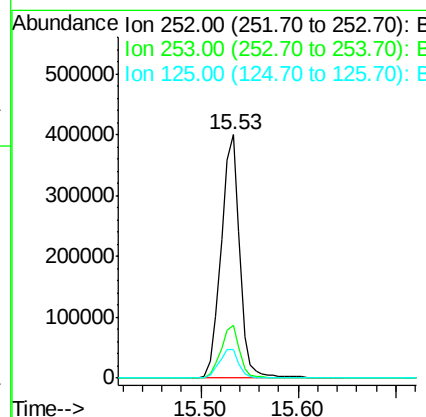
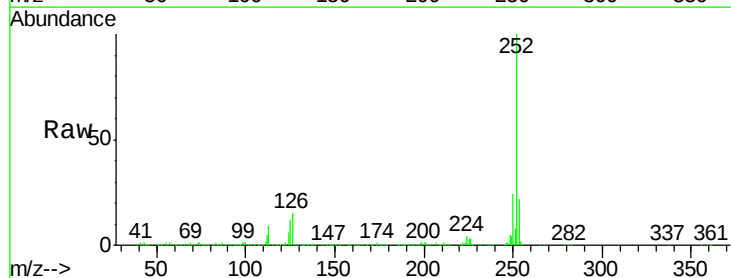
Instrument :
BNA_F
ClientSampleId :
PB108807BS

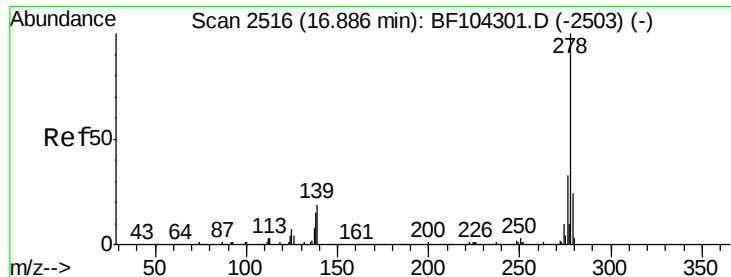
Tot Ion:252 Resp: 544507
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 10.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 38.712 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:252 Resp: 529524
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.7 9.8 14.6

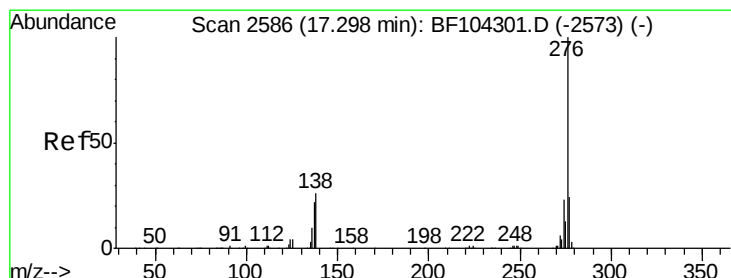
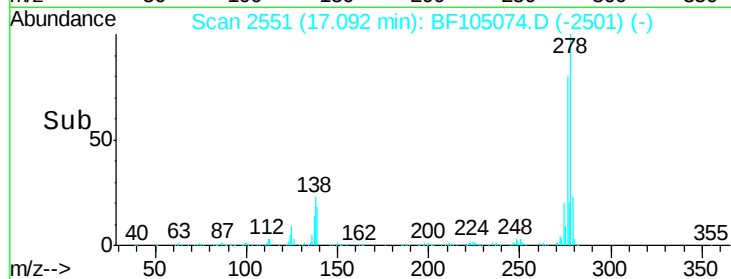
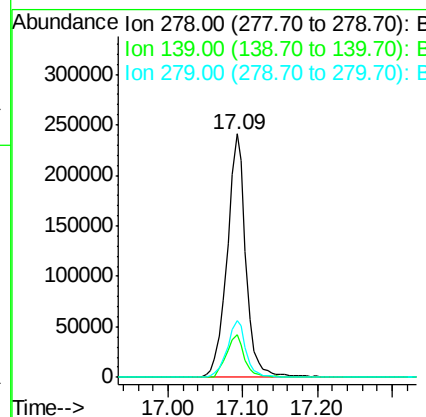
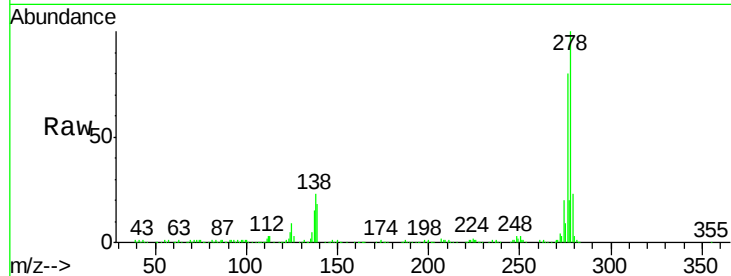




#90
Dibenzo(a,h)anthracene
Concen: 37.725 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PB108807BS

Tot Ion:278 Resp: 423813
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 23.4 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 38.956 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Tgt Ion:276 Resp: 424000
Ion Ratio Lower Upper
276 100
277 22.4 17.9 26.9
138 22.3 21.8 32.8

