

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 :

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	27.47	ng	88
3) Pyridine	3.32	79	220750	26.42	ng	# 83
4) n-Nitrosodimethylamine	3.26	42	82988	28.41	ng	82
6) Aniline	6.46	93	78946	7.25	ng	# 1
8) 2-Chlorophenol	6.57	128	261044	38.78	ng	93
9) Benzaldehyde	6.33	77	160763	40.83	ng	94
10) Phenol	6.45	94	295047	35.48	ng	88
11) bis(2-Chloroethyl)ether	6.52	93	242551	36.55	ng	91
12) 1,3-Dichlorobenzene	6.72	146	267714	35.10	ng	99
13) 1,4-Dichlorobenzene	6.80	146	273984	36.04	ng	98
14) 1,2-Dichlorobenzene	6.95	146	249985	35.48	ng	97
15) Benzyl Alcohol	6.94	79	197595	33.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	259739	29.15	ng	# 11
17) 2-Methylphenol	7.06	107	206862	35.35	ng	# 87
18) Hexachloroethane	7.28	117	98764	36.44	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	170099	33.22	ng	92
20) 3+4-Methylphenols	7.22	107	289346	39.87	ng	94
22) Acetophenone	7.20	105	357747	34.70	ng	# 92
24) Nitrobenzene	7.37	77	260734	36.83	ng	99
25) Isophorone	7.61	82	472958	34.88	ng	99
26) 2-Nitrophenol	7.69	139	145159	50.36	ng	94
27) 2,4-Dimethylphenol	7.73	122	231437	38.67	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	304276	36.70	ng	99
29) 2,4-Dichlorophenol	7.94	162	228038	39.94	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	227768	36.35	ng	97
31) Naphthalene	8.09	128	755564	36.24	ng	99
32) Benzoic acid	7.89	122	152865	32.01	ng	93
33) 4-Chloroaniline	8.17	127	79164	8.86	ng	96
34) Hexachlorobutadiene	8.19	225	124538	36.28	ng	99
35) Caprolactam	8.54	113	73696	37.00	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	245731	40.13	ng	99
37) 2-Methylnaphthalene	8.78	142	510602	37.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224365	37.70	ng	100
40) Hexachlorocyclopentadiene	8.92	237	194674	58.43	ng	99

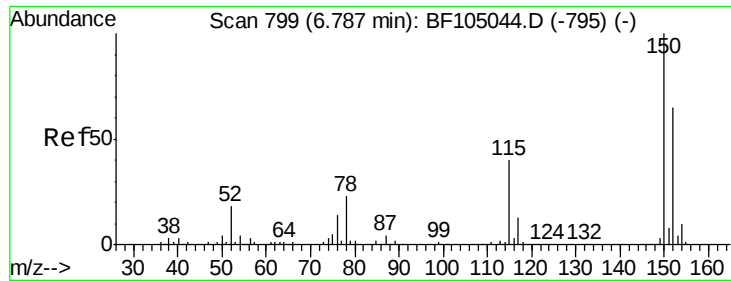
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158620	38.39	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	171126	37.01	nq	95
45) 1,1'-Biphenyl	9.25	154	624000	35.73	nq	99
46) 2-Chloronaphthalene	9.27	162	491514	35.63	nq	99
47) 2-Nitroaniline	9.38	65	139603	40.92	nq	94
48) Acenaphthylene	9.69	152	725773	33.53	nq	100
49) Dimethylphthalate	9.55	163	610795	37.25	nq	100
50) 2,6-Dinitrotoluene	9.62	165	134796	44.43	nq	91
51) Acenaphthene	9.86	154	436112	33.02	nq	100
52) 3-Nitroaniline	9.80	138	89003	25.06	nq	95
53) 2,4-Dinitrophenol	9.91	184	150447	104.61	nq	# 23
54) Dibenzofuran	10.03	168	641312	34.84	nq	98
55) 4-Nitrophenol	9.99	139	172655	61.88	nq	92
56) 2,4-Dinitrotoluene	10.03	165	167584	42.11	nq	# 96
57) Fluorene	10.37	166	540746	40.37	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	140434	40.72	nq	96
59) Diethylphthalate	10.25	149	621268	38.05	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	251439	42.15	nq	99
61) 4-Nitroaniline	10.42	138	128915	37.12	nq	96
62) Azobenzene	10.53	77	533274	34.18	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	96223	48.32	nq	# 72
65) n-Nitrosodiphenylamine	10.49	169	482644	34.09	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	157762	36.32	nq	# 90
67) Hexachlorobenzene	10.92	284	176826	36.18	nq	94
68) Atrazine	11.02	200	144079	33.71	nq	99
69) Pentachlorophenol	11.13	266	176885	58.50	nq	96
70) Phenanthrene	11.35	178	790000	34.74	nq	99
71) Anthracene	11.39	178	823985	35.65	nq	99
72) Carbazole	11.56	167	749910	33.20	nq	99
73) Di-n-butylphthalate	11.87	149	971613	35.21	nq	99
74) Fluoranthene	12.53	202	813878	34.25	nq	99
77) Pyrene	12.77	202	819070	36.69	nq	100
79) Butylbenzylphthalate	13.39	149	401618	38.19	nq	99
80) Benzo(a)anthracene	14.02	228	704966	39.19	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	124596	18.57	nq	99
82) Chrysene	14.06	228	672302	36.38	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	549057	40.59	nq	98
84) Di-n-octyl phthalate	14.68	149	870953	38.54	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.09	276	508038	32.36	nq	95
87) Benzo(b)fluoranthene	15.16	252	605135	39.58	nq	99
88) Benzo(k)fluoranthene	15.19	252	544507	37.73	nq	96
89) Benzo(a)pyrene	15.53	252	529524	38.71	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	423813	37.72	nq	97
91) Benzo(g,h,i)perylene	17.53	276	424000	38.96	nq	95

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

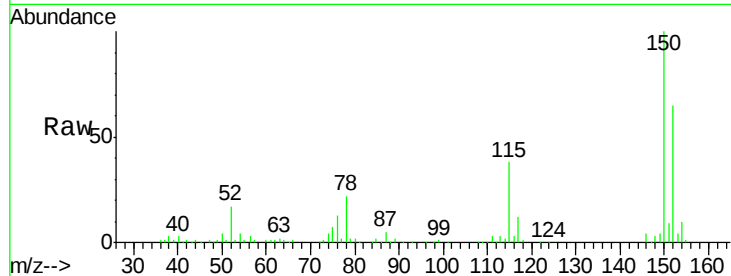


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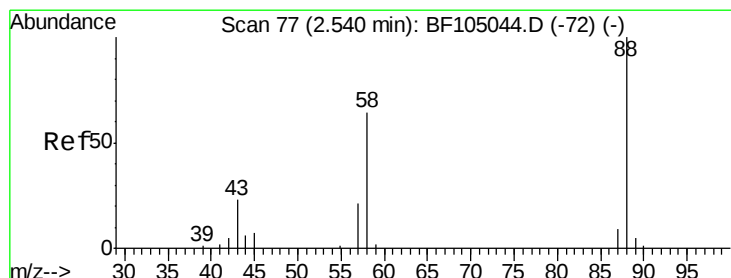
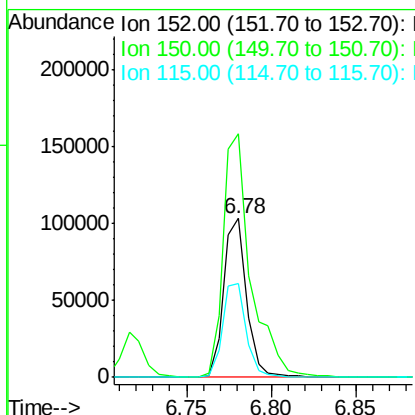
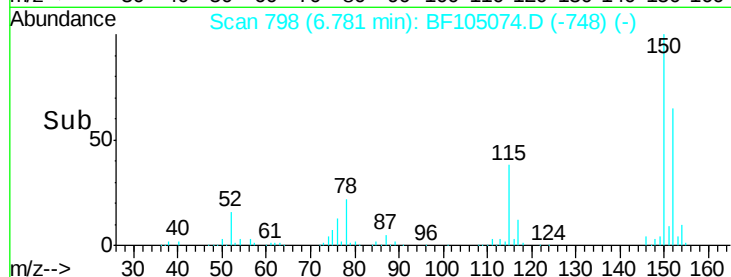
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :

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



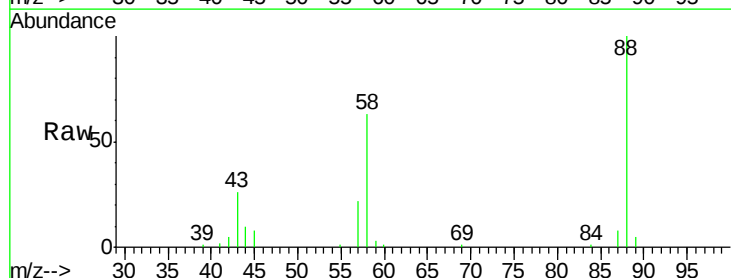
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



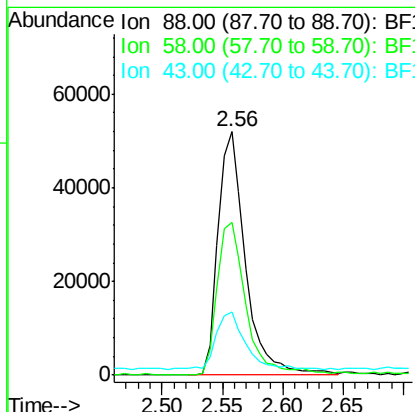
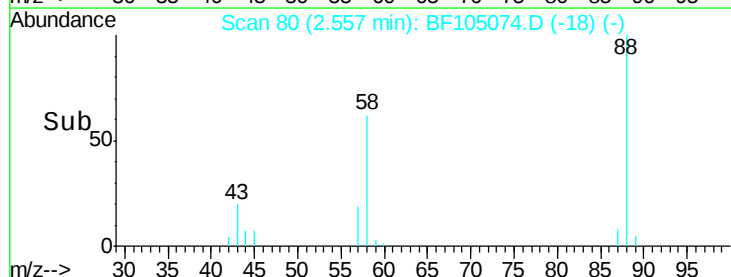
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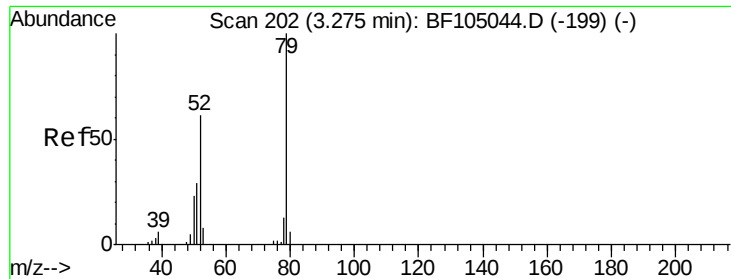
1,4-Dioxane
Concen: 27.47 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

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

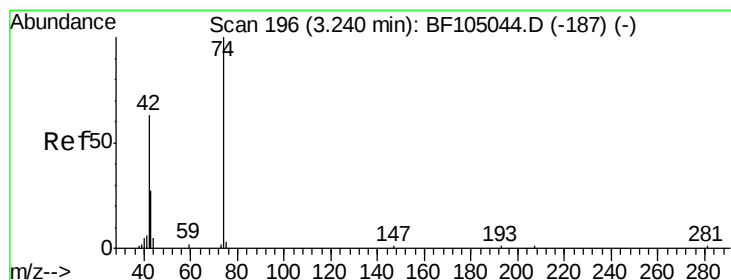
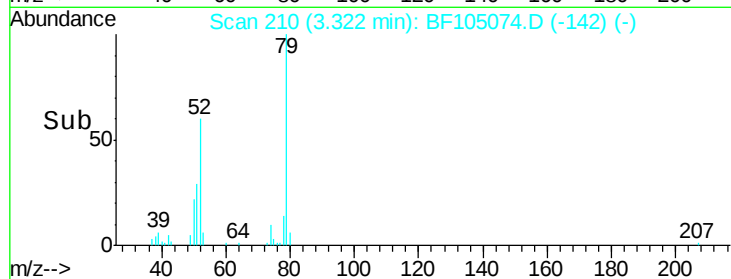
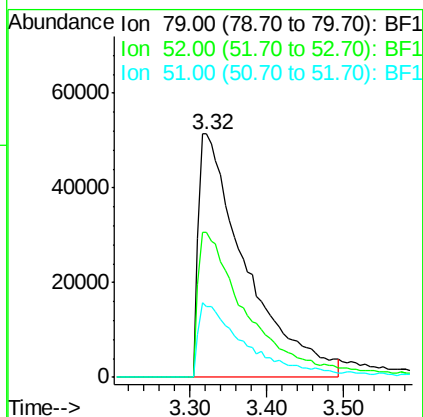
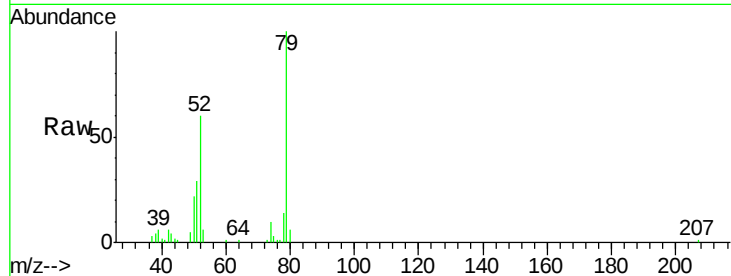




#3
 Pvridine
 Concen: 26.42 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.10 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

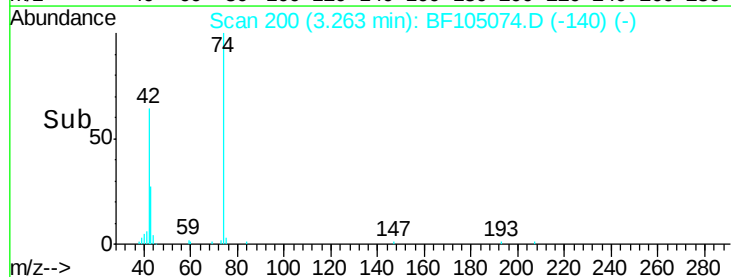
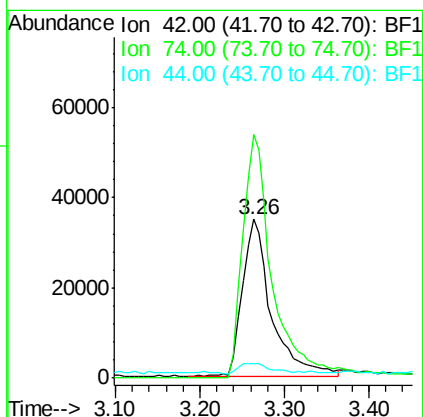
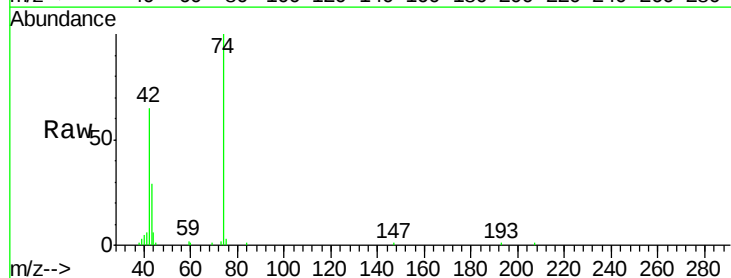
Instrument :
 BNA_F
 ClientSampleId :

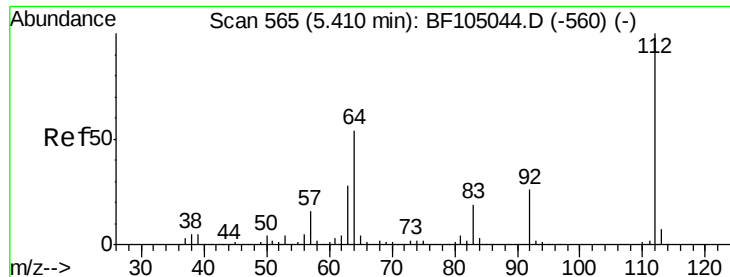
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	59.6	59.8	89.6#	
51	29.0	29.8	44.8#	



#4
 n-Nitrosodimethylamine
 Concen: 28.41 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	Ion	Ratio	Lower	Upper
42	100			
74	153.3	104.9	157.3	
44	9.5	6.9	10.3	





#5

2-Fluorophenol

Concen: 105.25 ng

RT: 5.42 min Scan# 566

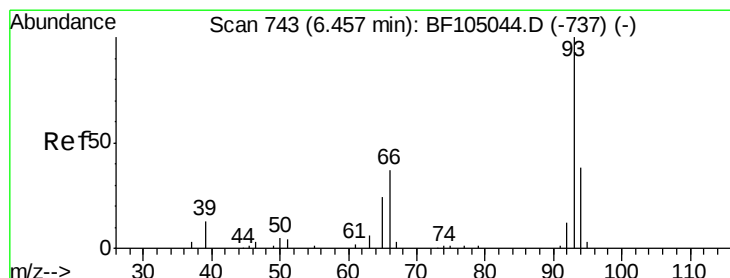
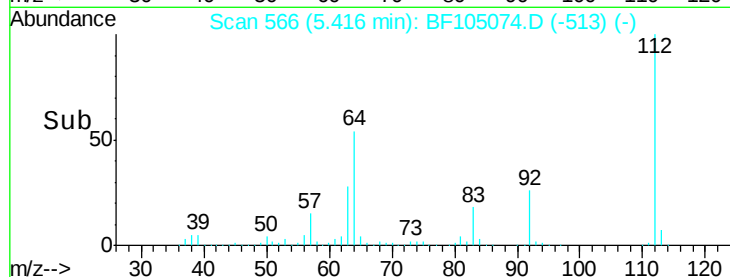
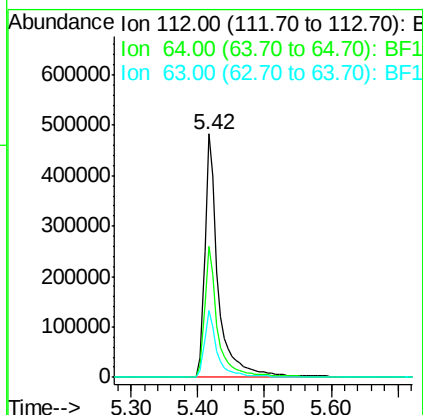
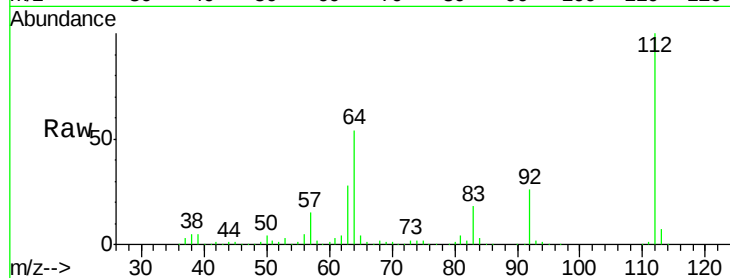
Delta R.T. 0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :

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



#6

Aniline

Concen: 7.25 ng

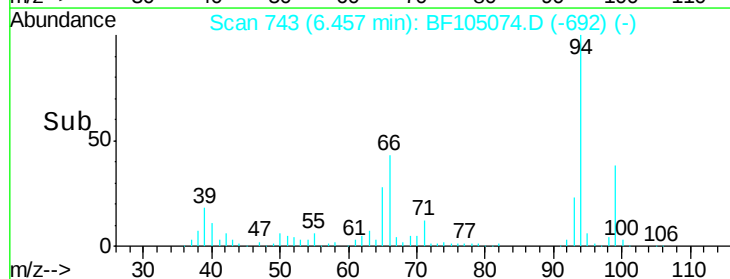
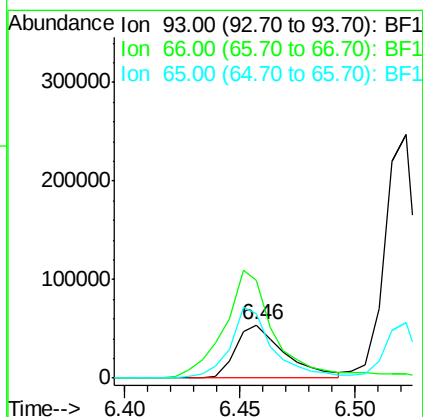
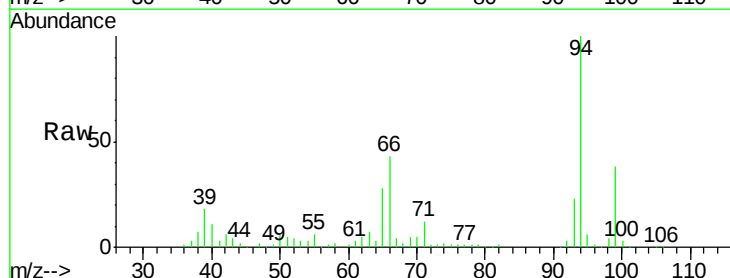
RT: 6.46 min Scan# 743

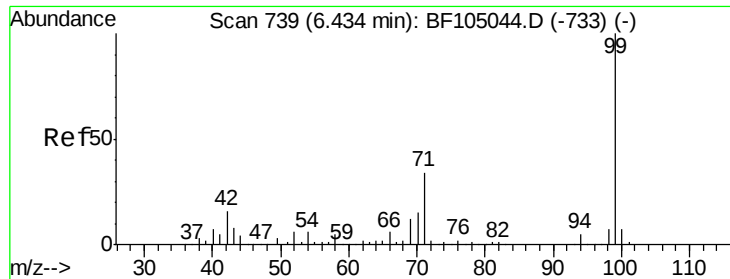
Delta R.T. -0.00 min

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#





#7

Phenol-d6

Concen: 99.42 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 :

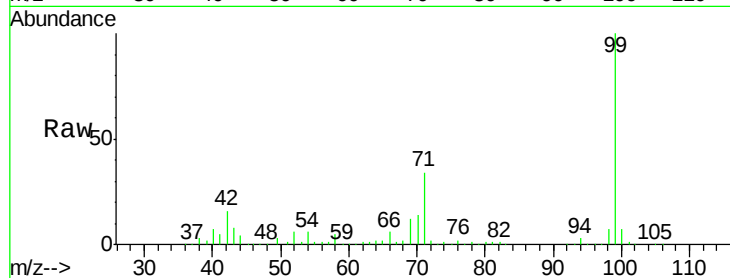
Tot Ion: 99 Resp: 779134

Ion Ratio Lower Upper

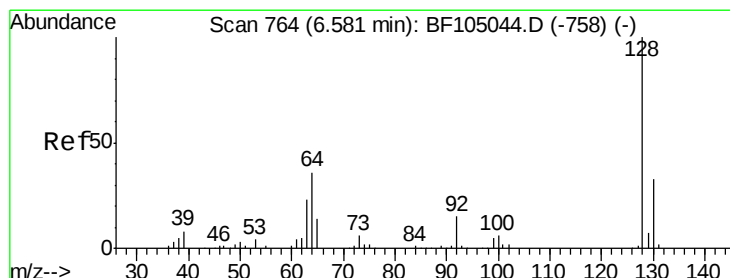
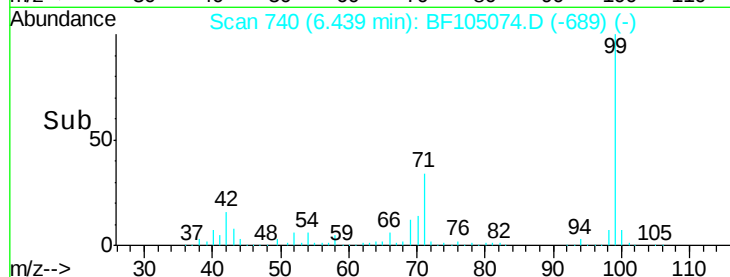
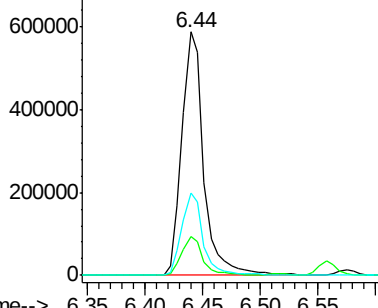
99 100

42 16.1 14.5 21.7

71 34.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.78 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

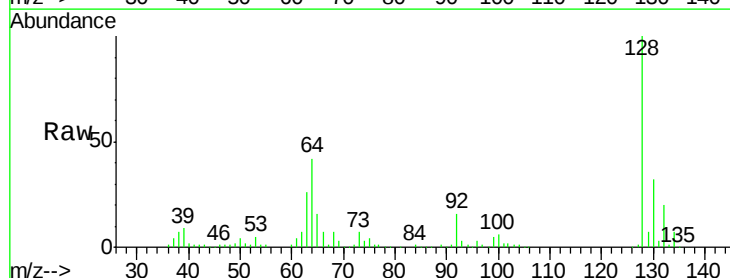
Tgt Ion: 128 Resp: 261044

Ion Ratio Lower Upper

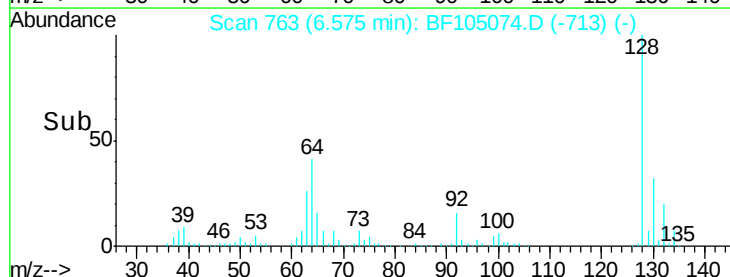
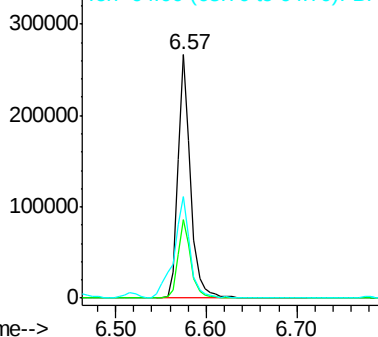
128 100

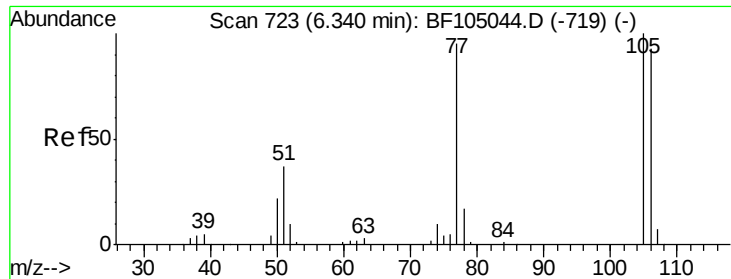
130 32.3 13.0 53.0

64 41.5 29.4 69.4



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

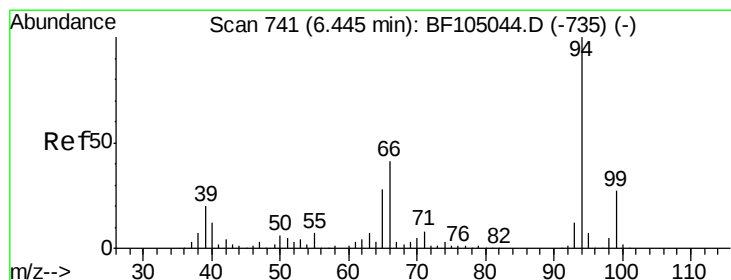
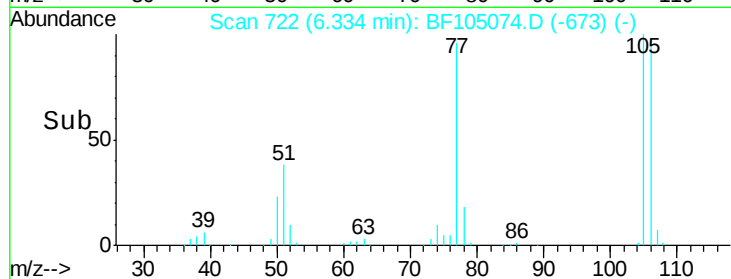
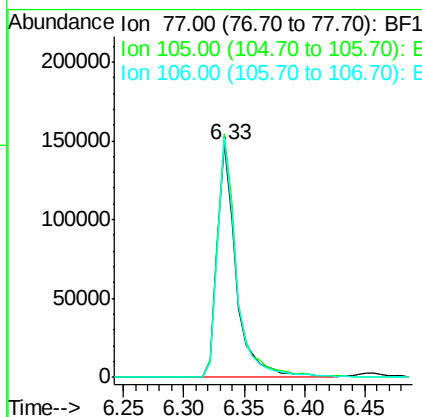
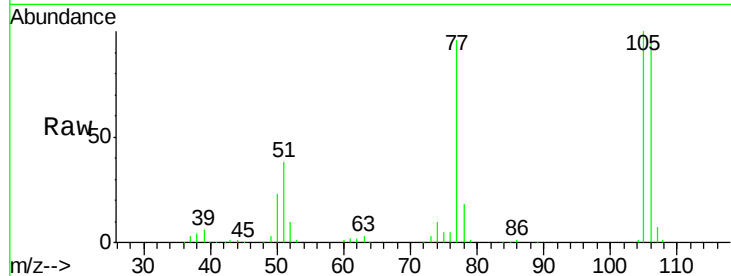




#9
Benzaldehyde
Concen: 40.83 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

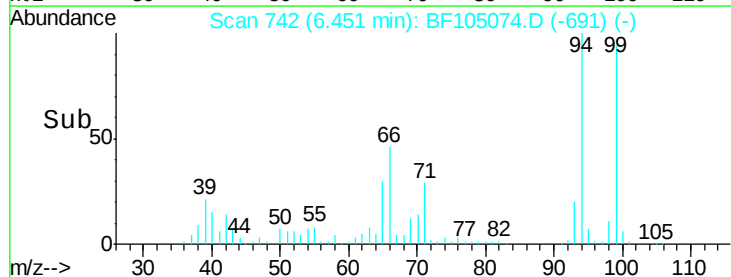
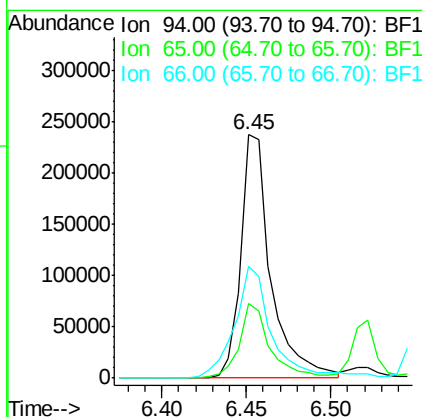
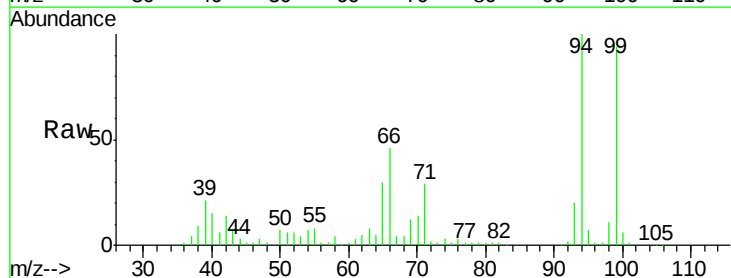
Instrument :
BNA_F
ClientSampleId :

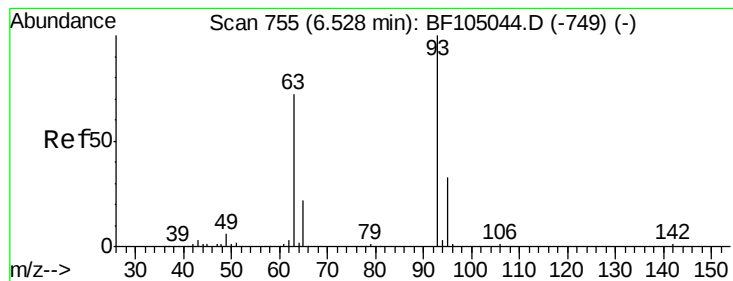
Tot Ion: 77 Resp: 160763
Ion Ratio Lower Upper
77 100
105 104.5 81.1 121.1
106 102.8 74.5 114.5



#10
Phenol
Concen: 35.48 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

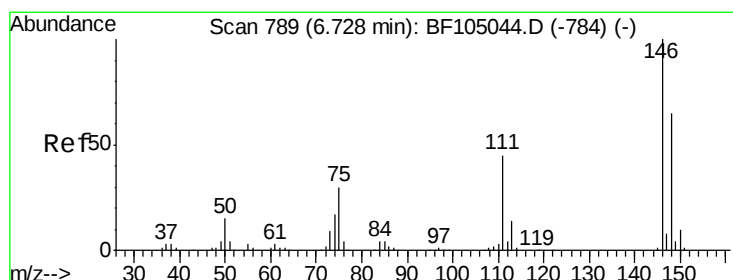
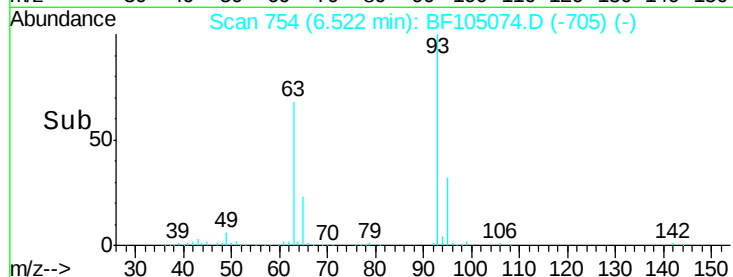
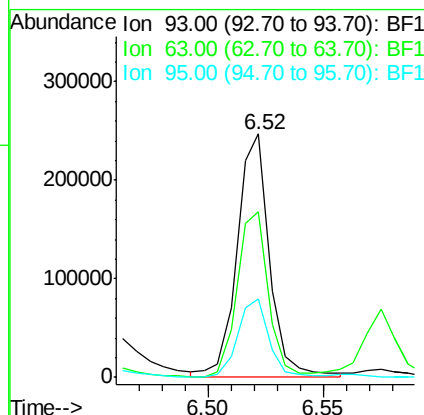
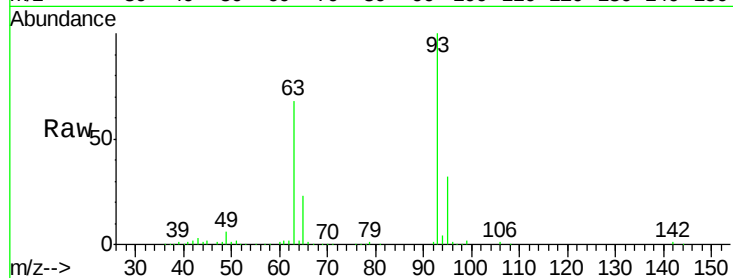




#11
bis(2-Chloroethyl)ether
Concen: 36.55 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

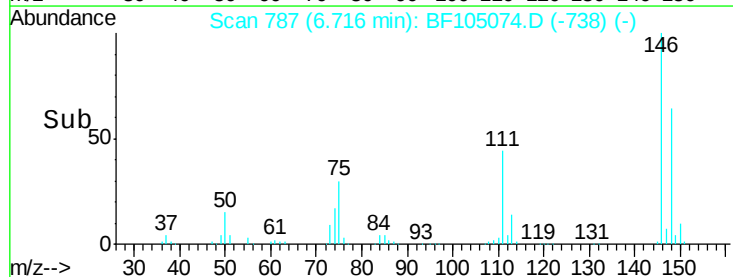
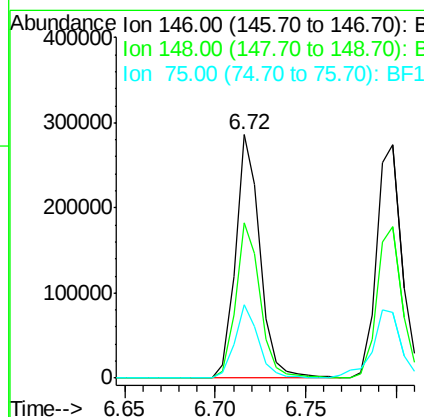
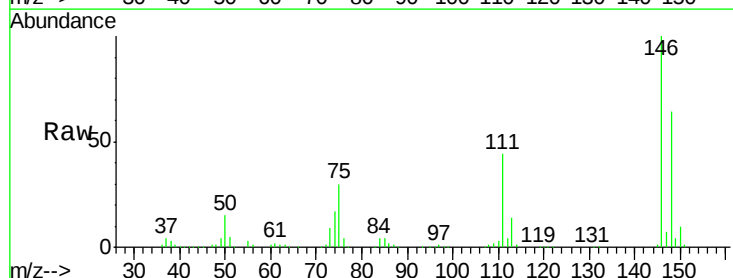
Instrument :
BNA_F
ClientSampleId :

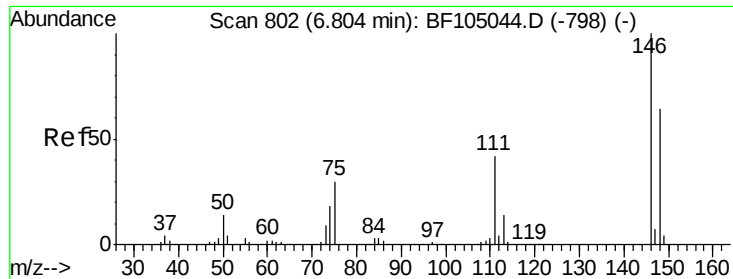
Tot Ion: 93 Resp: 242551
Ion Ratio Lower Upper
93 100
63 67.7 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.10 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

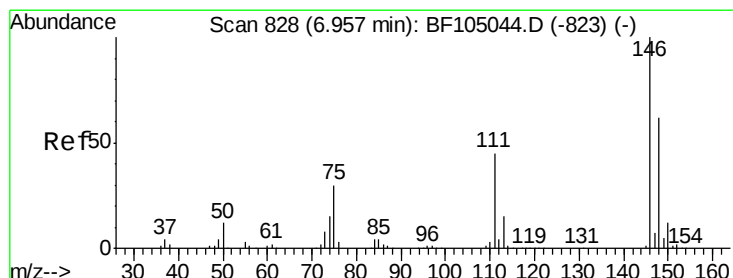
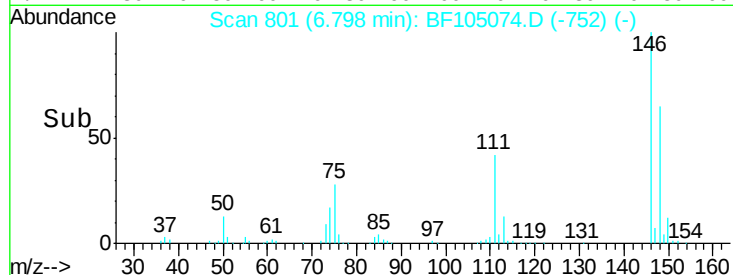
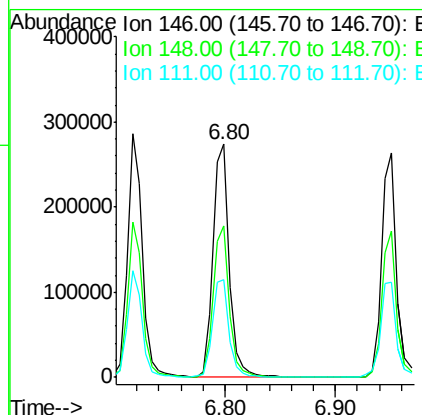
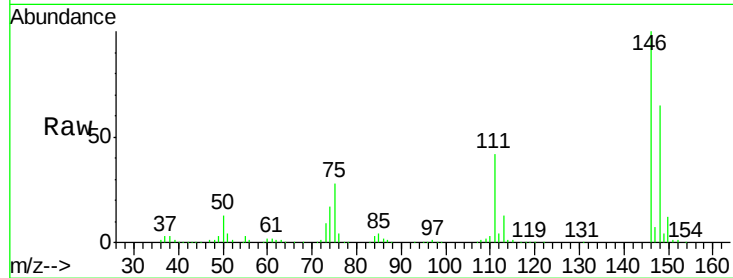




#13
 1,4-Dichlorobenzene
 Concen: 36.04 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

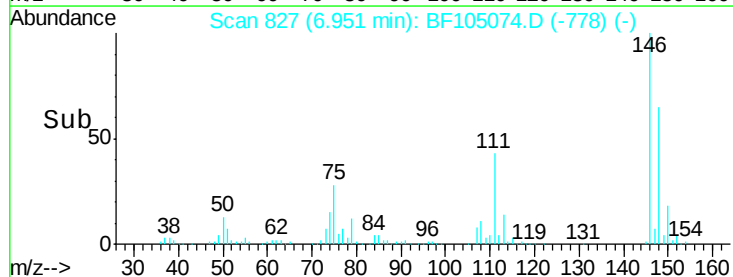
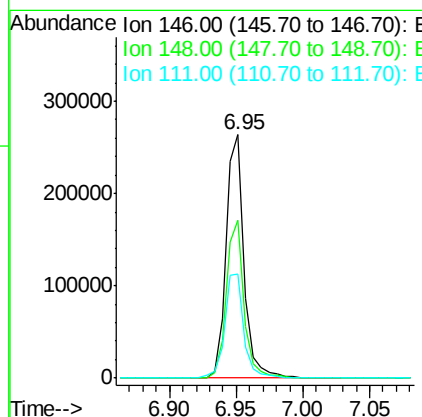
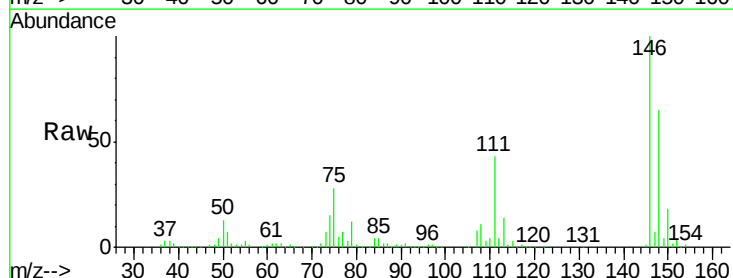
Instrument :
 BNA_F
 ClientSampled :

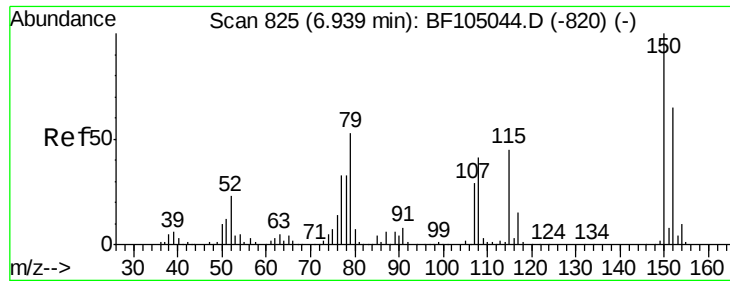
Tot Ion:146 Resp: 273984
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 41.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.48 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: 33.20 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 :

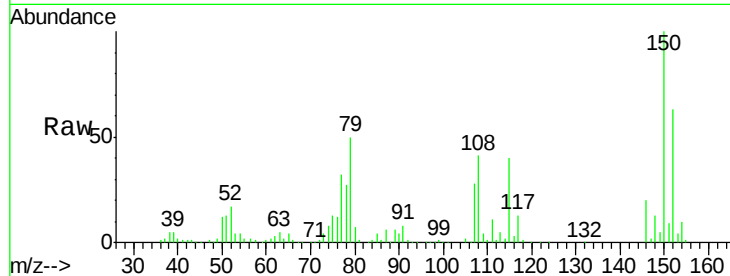
Tot Ion: 79 Resp: 197595

Ion Ratio Lower Upper

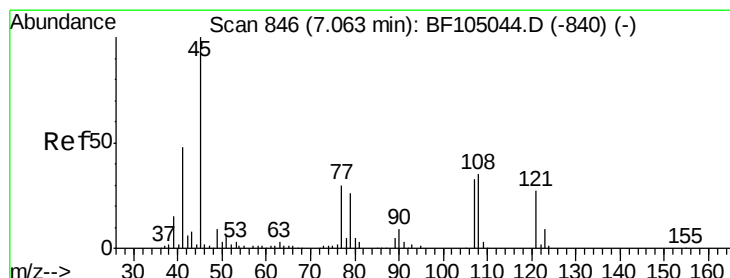
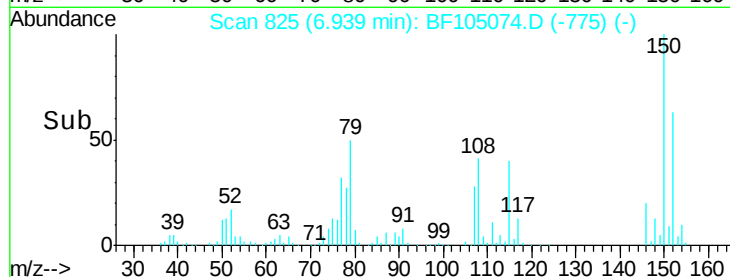
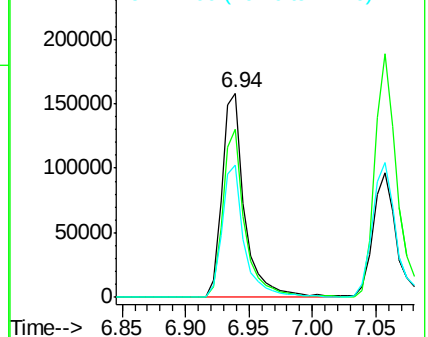
79 100

108 82.4 65.1 97.7

77 64.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.15 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

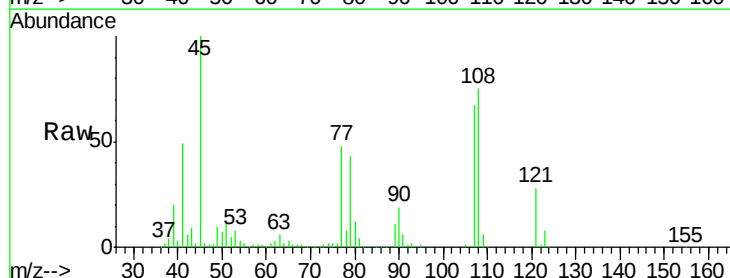
Tgt Ion: 45 Resp: 259739

Ion Ratio Lower Upper

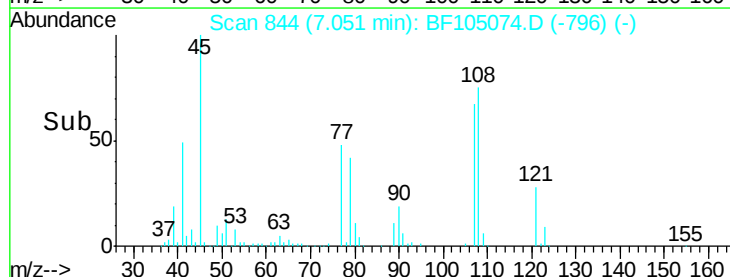
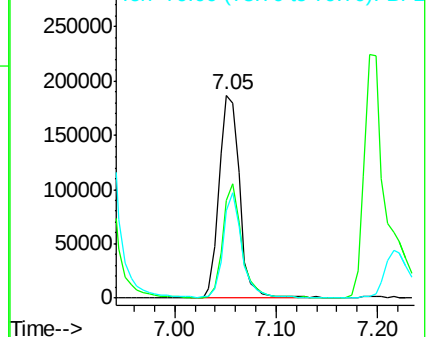
45 100

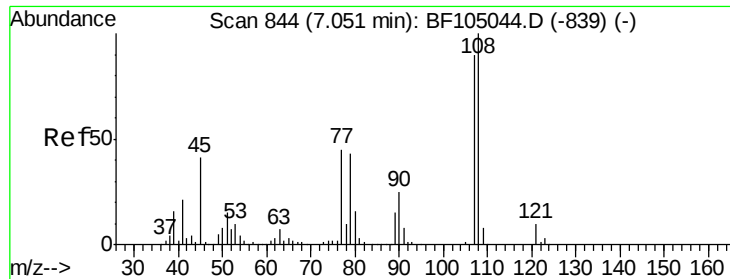
77 48.1 0.0 32.9#

79 42.8 0.0 29.6#



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

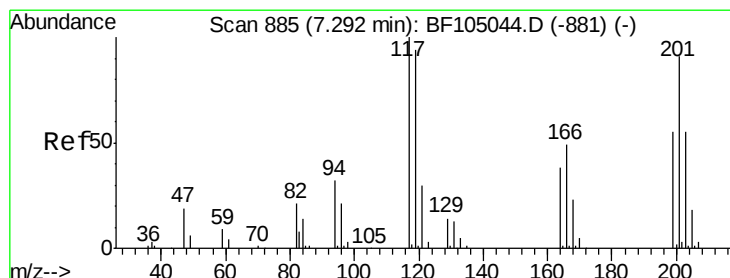
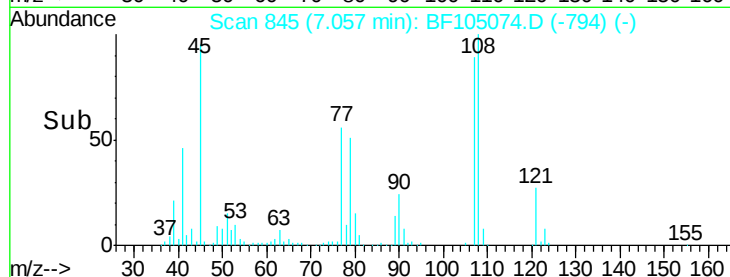
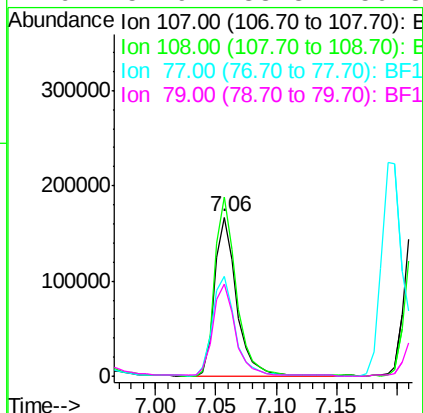
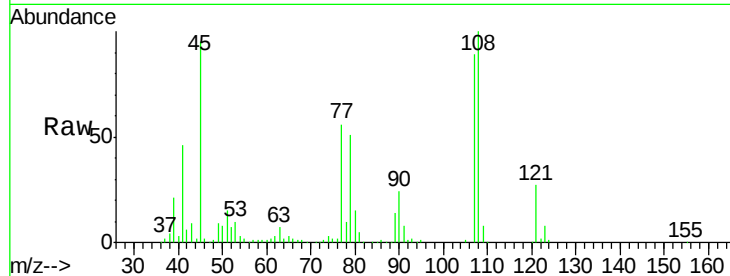




#17
2-Methylphenol
Concen: 35.35 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

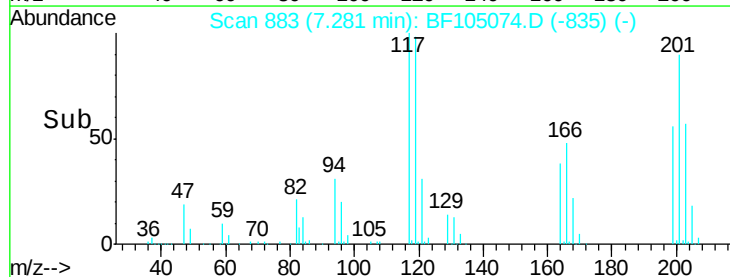
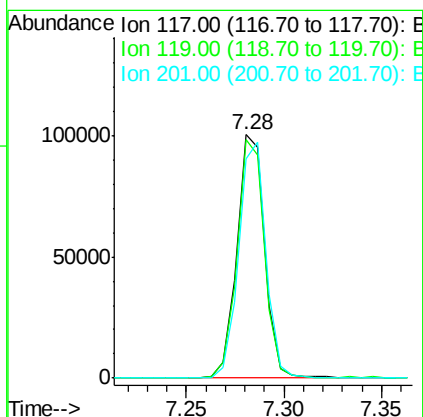
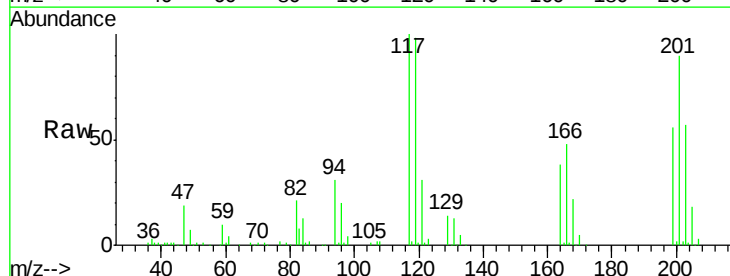
Instrument :
BNA_F
ClientSampleId :

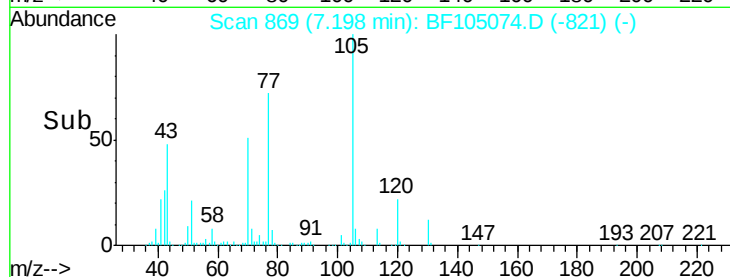
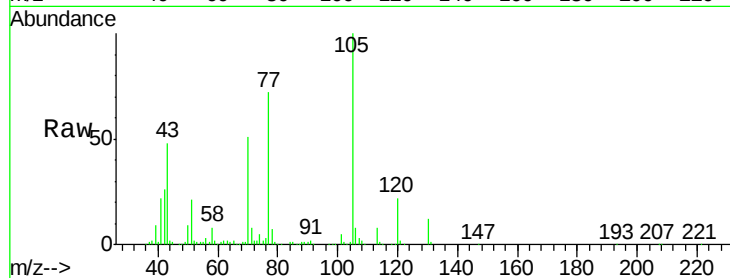
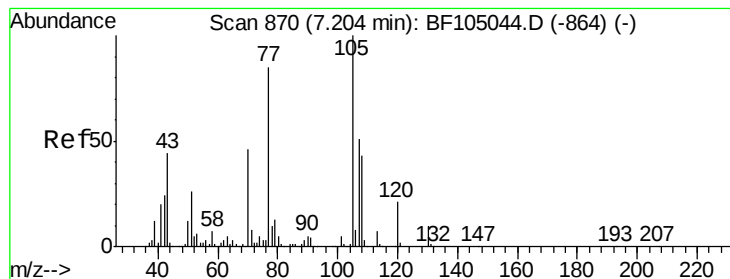
Tot Ion:107 Resp: 206862
Ion Ratio Lower Upper
107 100
108 112.9 91.7 137.5
77 62.7 33.8 50.8#
79 57.9 33.8 50.8#



#18
Hexachloroethane
Concen: 36.44 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





#19

n-Nitroso-di-n-propylamine

Concen: 33.22 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 :

Tot Ion: 70 Resp: 170099

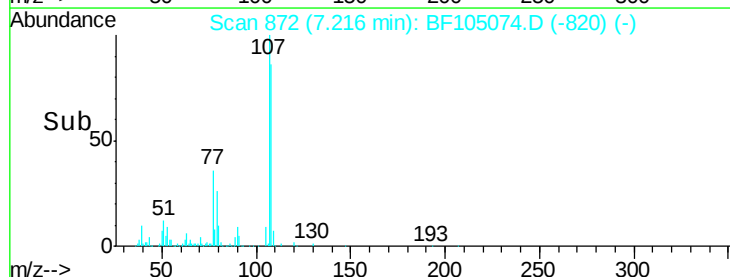
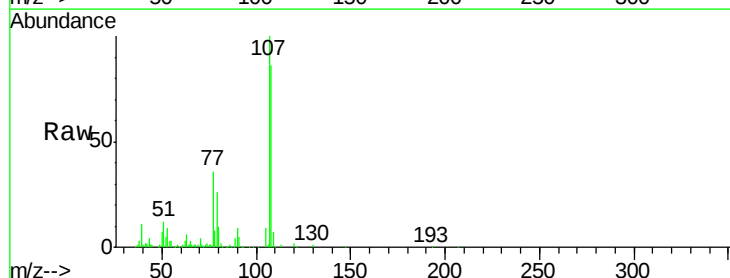
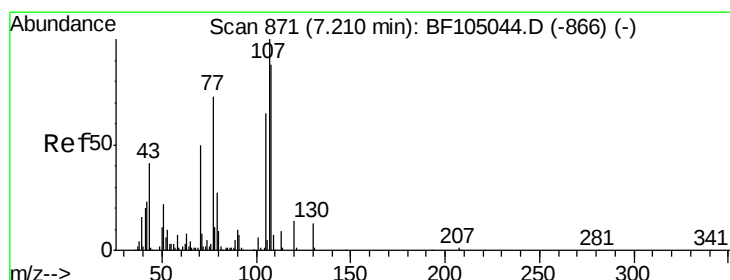
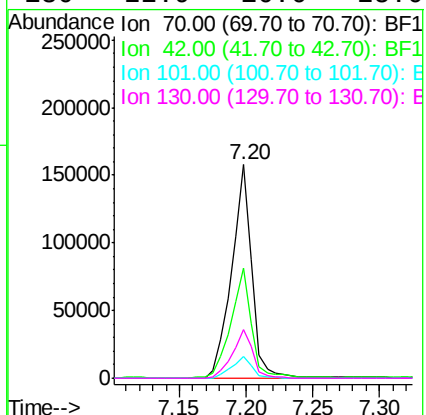
Ion Ratio Lower Upper

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: 39.87 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

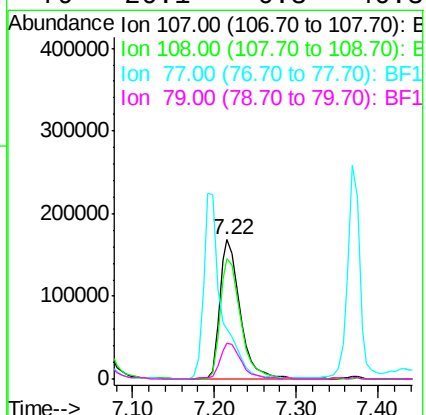
Ion Ratio Lower Upper

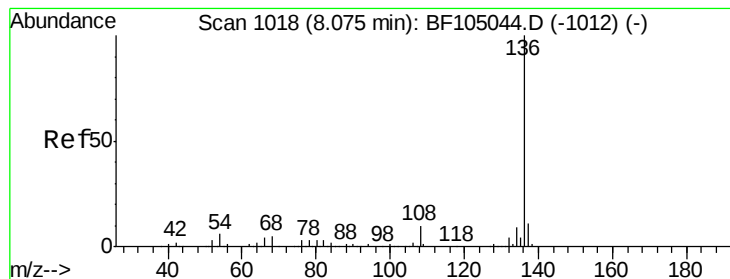
107 100

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: 20.00 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 :

Tot Ion:136 Resp: 418729

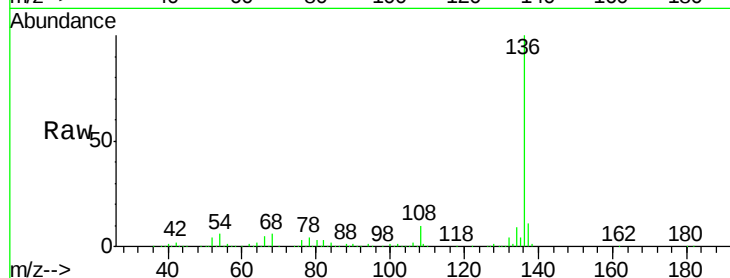
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

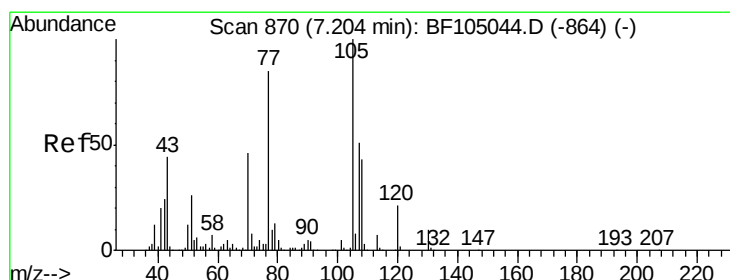
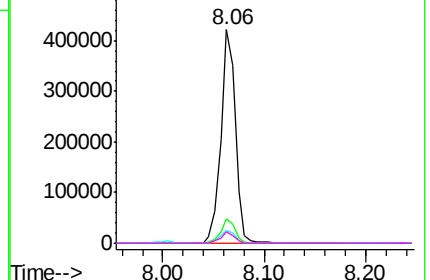
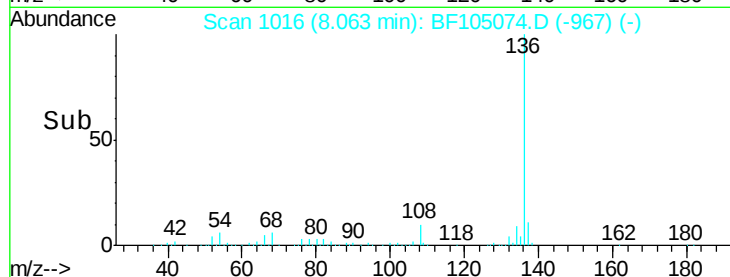


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.70 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

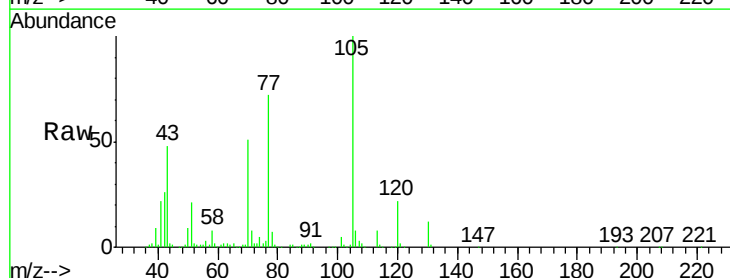
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 21.3 22.3 33.5#

120 21.6 16.9 25.3

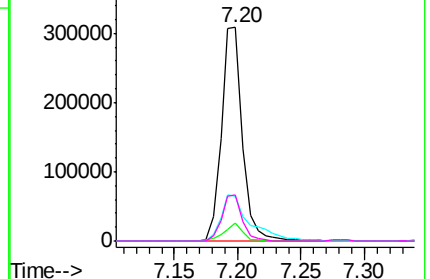
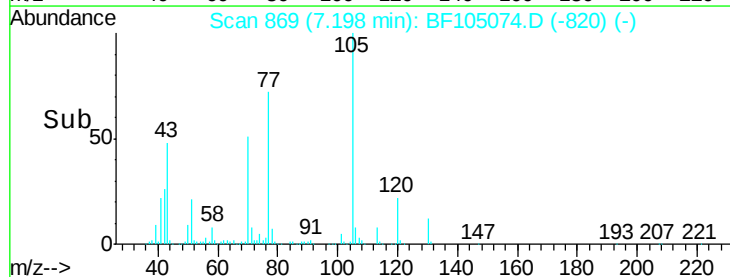


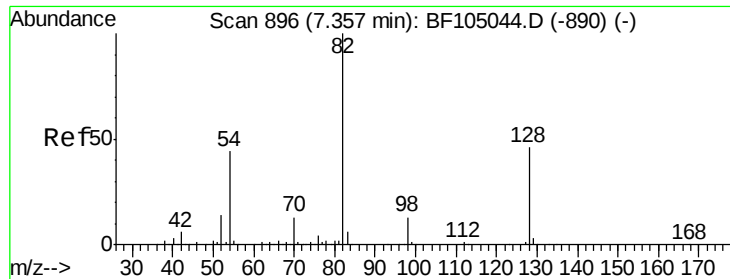
Abundance Ion 105.00 (104.70 to 105.70): E

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

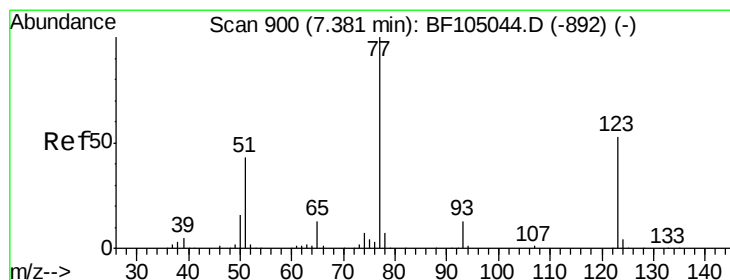
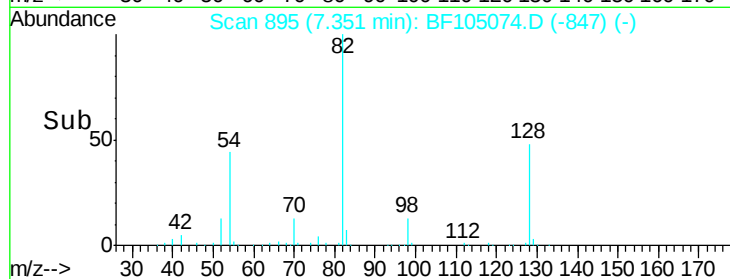
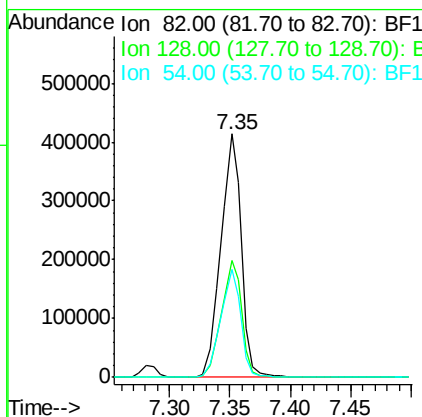
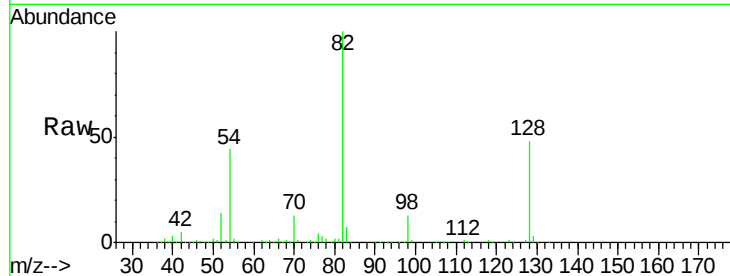




#23
 Nitrobenzene-d5
 Concen: 75.41 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

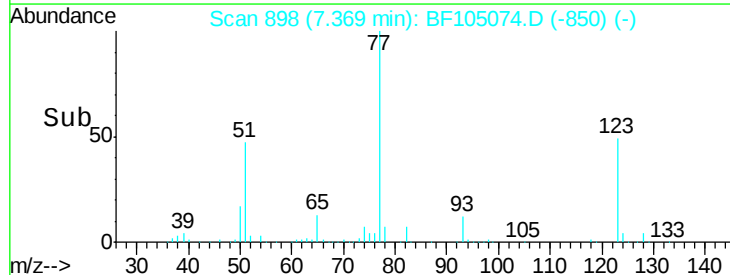
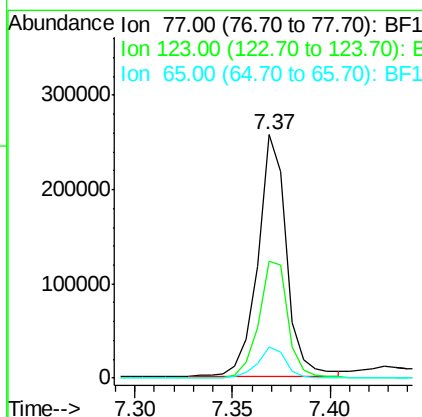
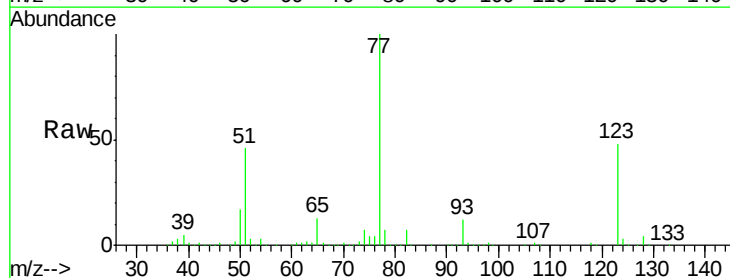
Instrument :
 BNA_F
 ClientSampleId :

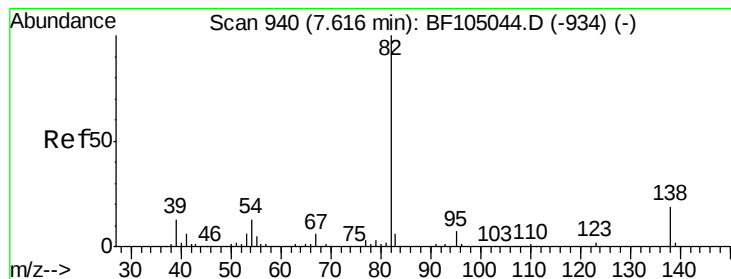
Tot Ion: 82 Resp: 483564
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 44.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 36.83 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





#25

Isophorone

Concen: 34.88 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 :

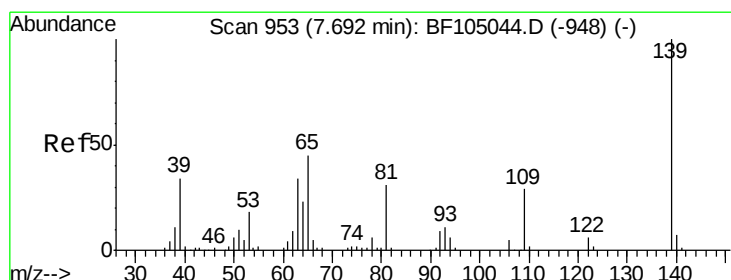
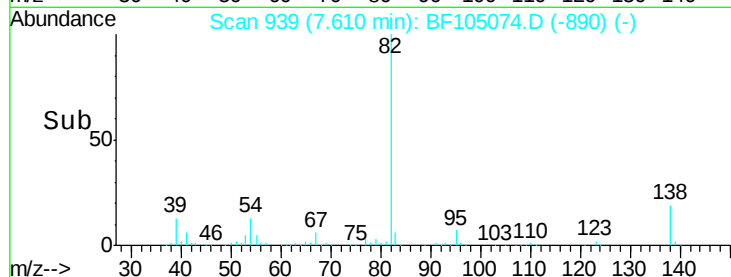
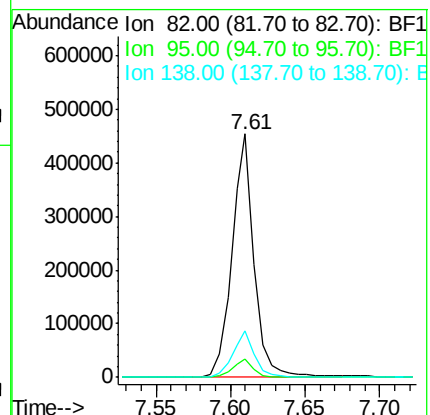
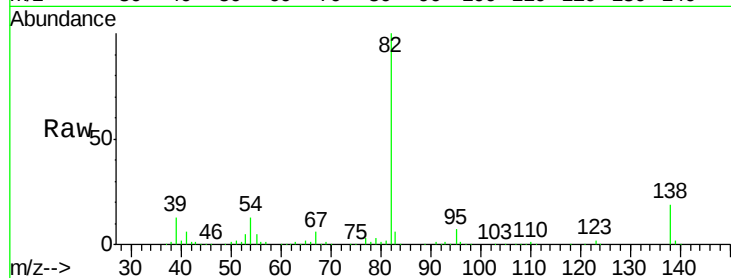
Tot Ion: 82 Resp: 472958

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 50.36 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

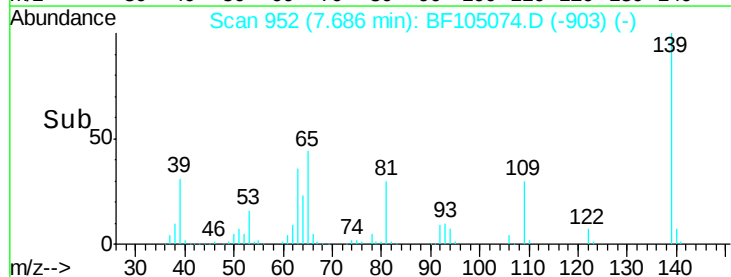
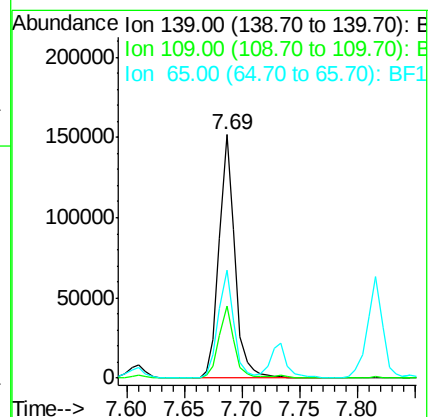
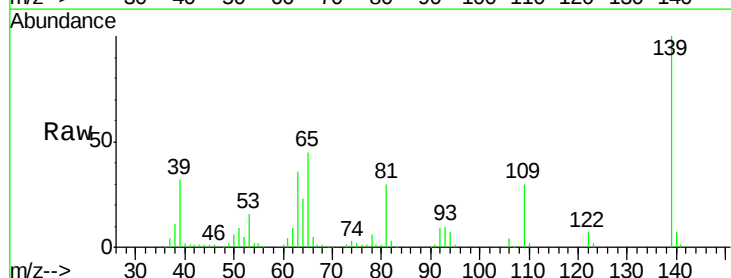
Tgt Ion: 139 Resp: 145159

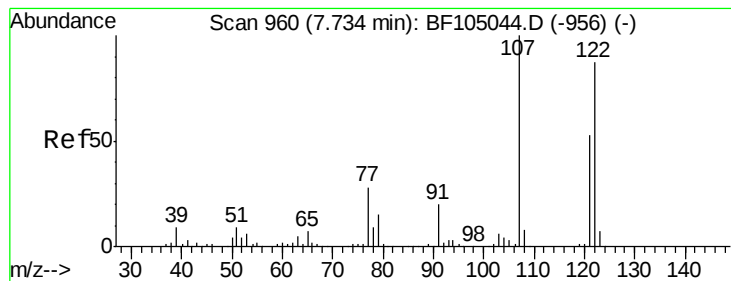
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 44.6 40.5 60.7

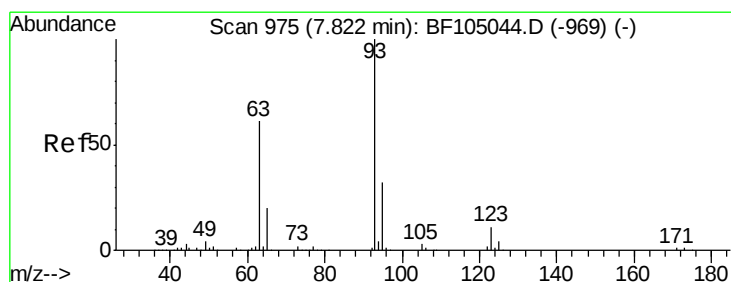
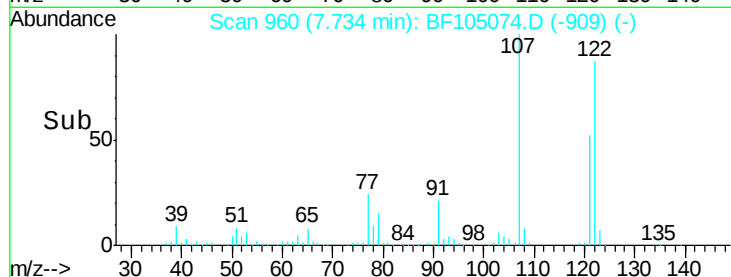
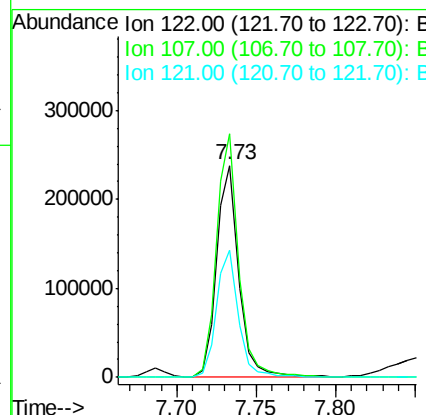
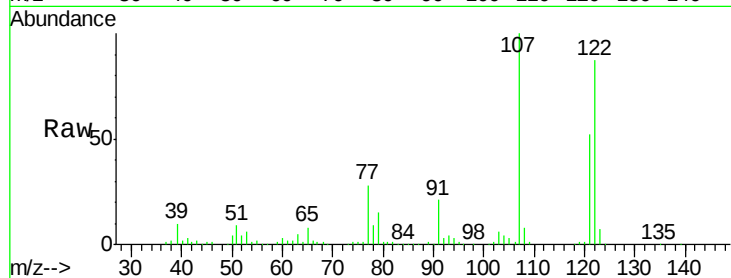




#27
 2,4-Dimethylphenol
 Concen: 38.67 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

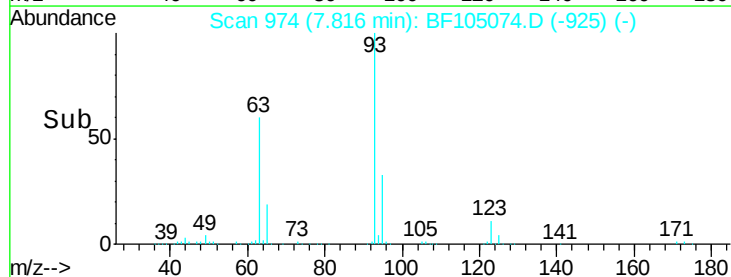
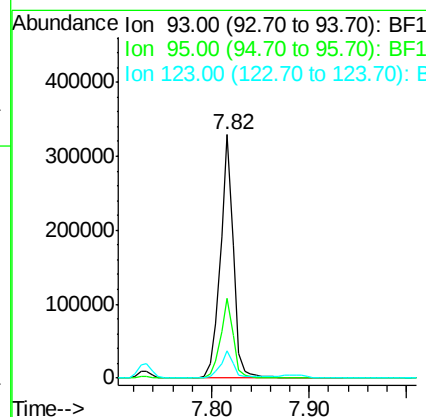
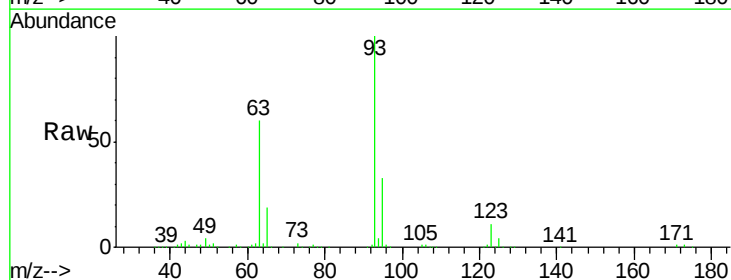
Instrument :
 BNA_F
 ClientSampleId :

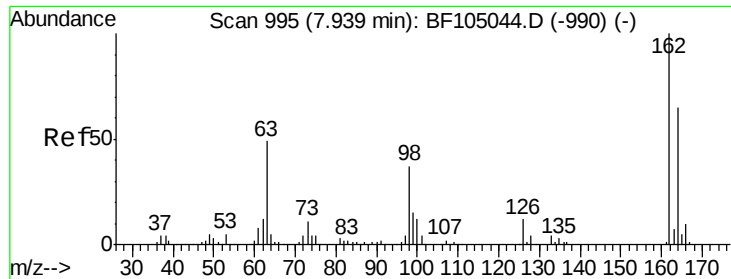
Tot Ion:122 Resp: 231437
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 59.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.70 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

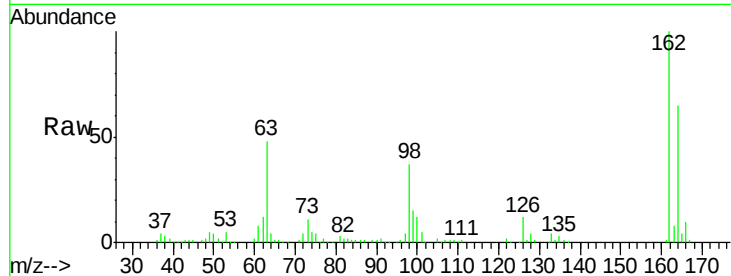




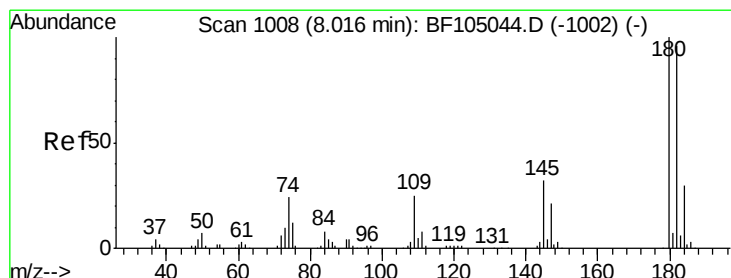
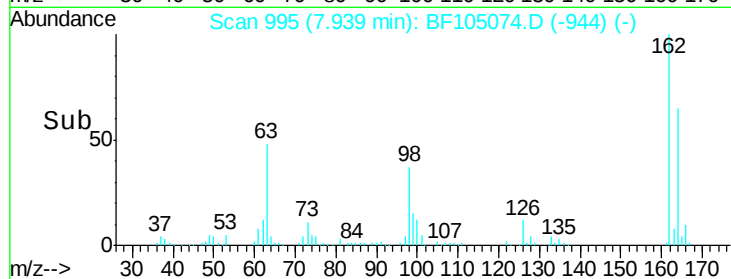
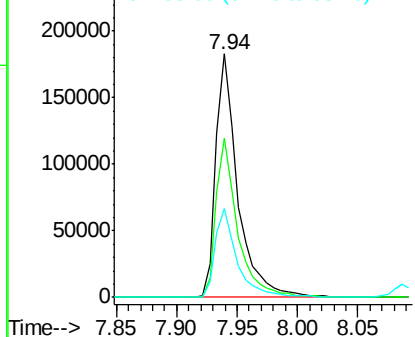
#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

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

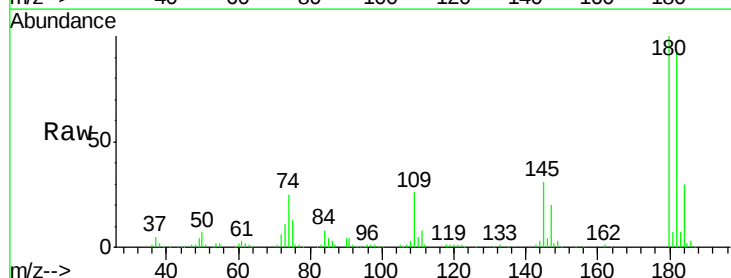


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

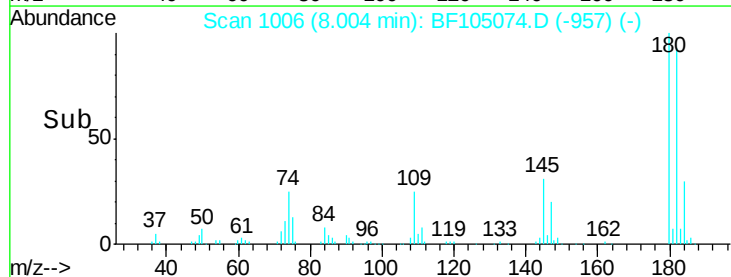
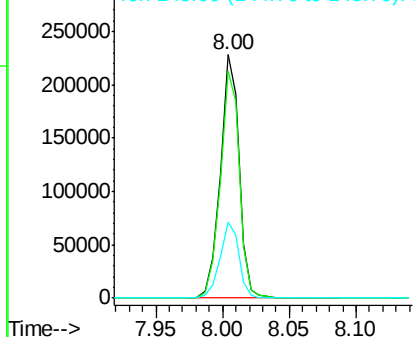


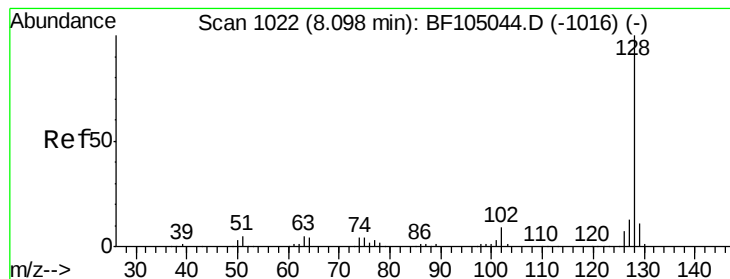
#30
 1,2,4-Trichlorobenzene
 Concen: 36.35 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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: 36.24 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 :

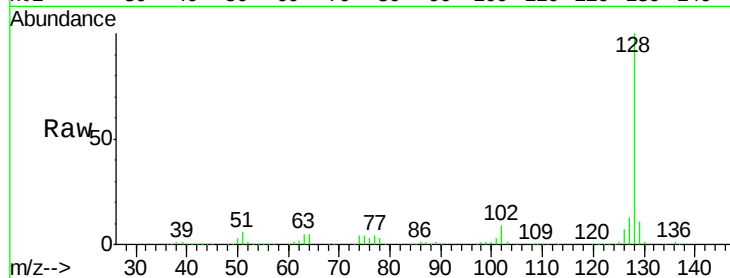
Tot Ion:128 Resp: 755564

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.3 10.9 16.3

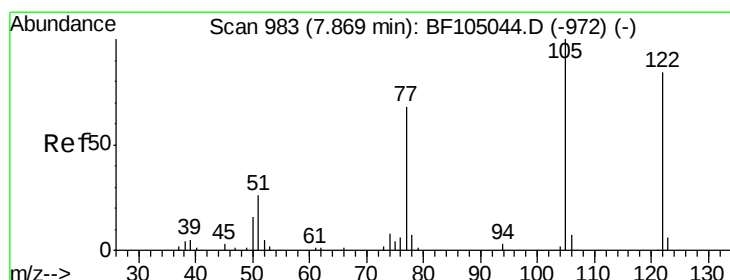
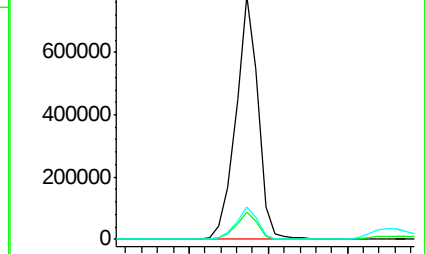
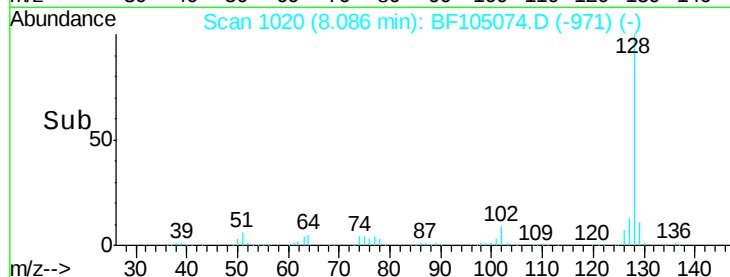


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.09



#32

Benzoic acid

Concen: 32.01 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

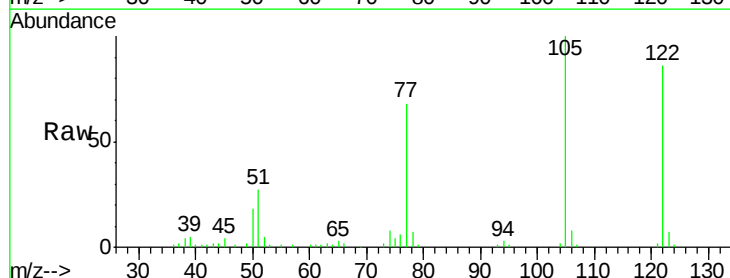
Tgt Ion:122 Resp: 152865

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

77 79.2 70.7 110.7

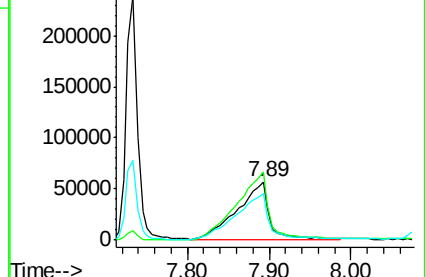
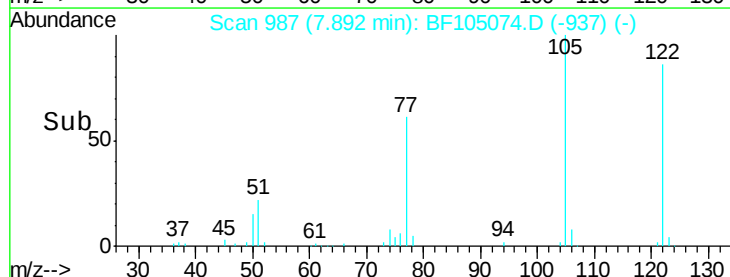


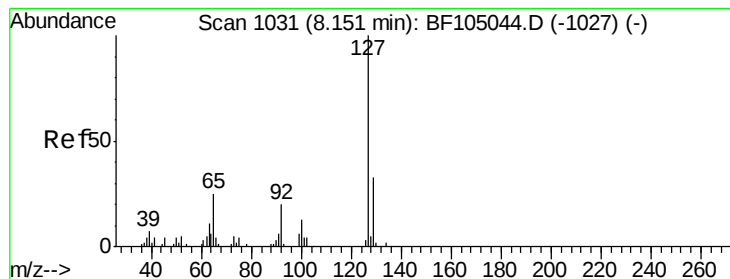
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

7.89





#33

4-Chloroaniline

Concen: 8.86 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 :

Tot Ion:127 Resp: 79164

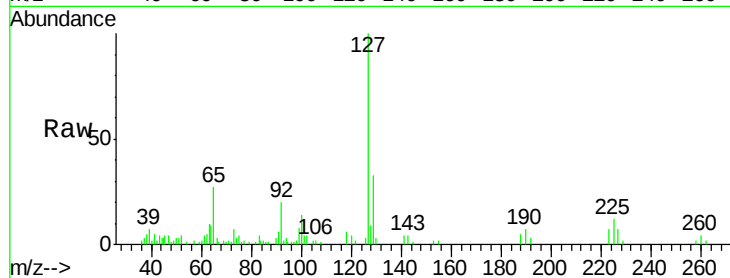
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 27.1 25.0 37.4

92 20.3 15.2 22.8

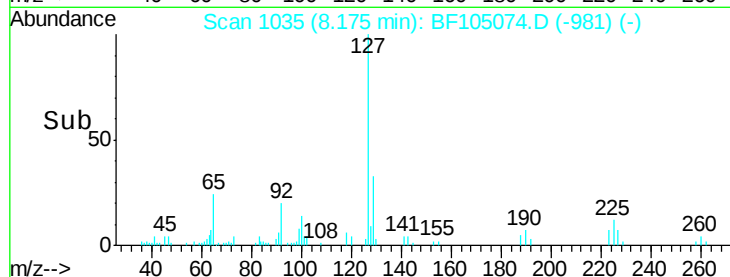


Abundance Ion 127.00 (126.70 to 127.70): E

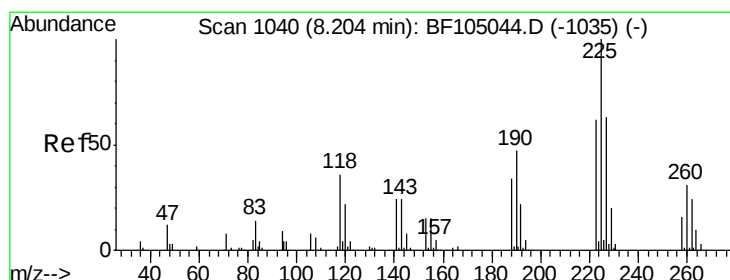
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 36.28 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

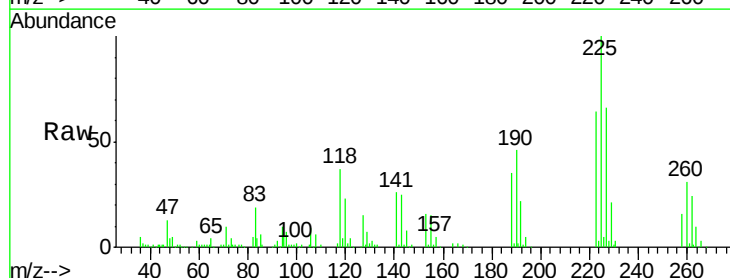
Tgt Ion:225 Resp: 124538

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

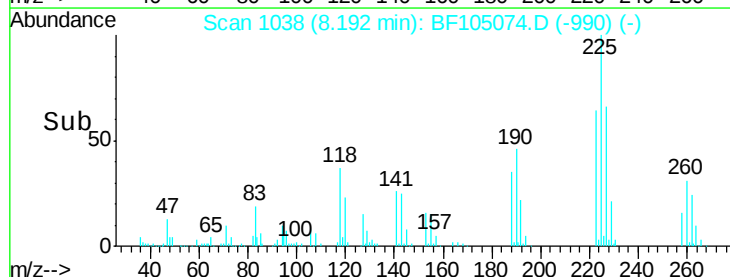
227 66.3 51.9 77.9



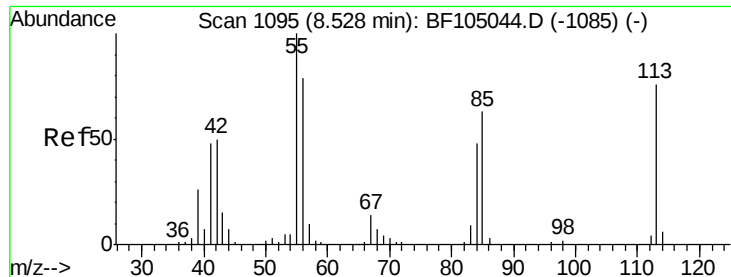
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 37.00 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

ClientSampled :

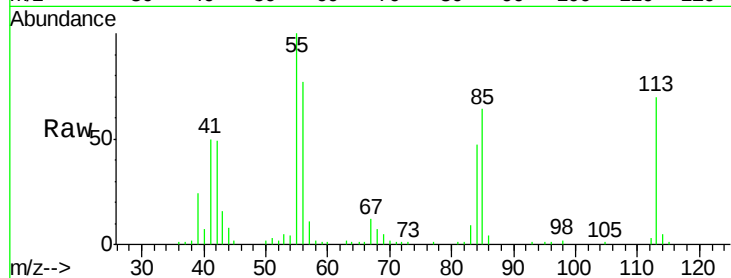
Tot Ion:113 Resp: 73696

Ion Ratio Lower Upper

113 100

55 142.8 163.3 203.3#

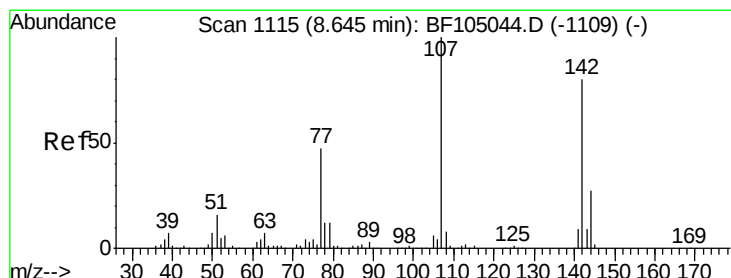
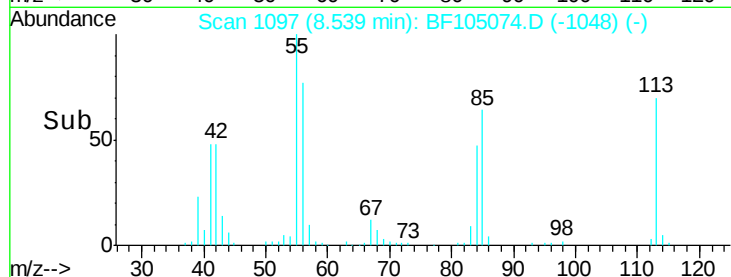
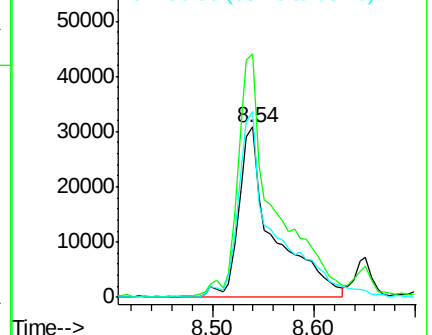
56 109.3 115.7 155.7#



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: 40.13 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

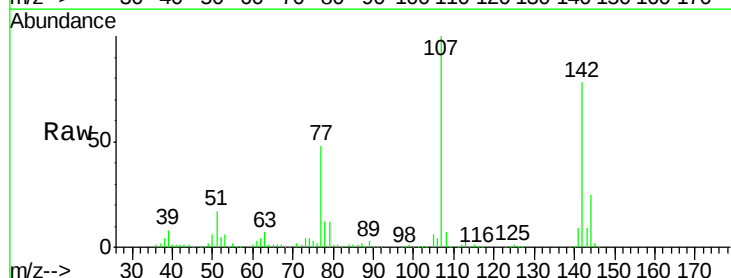
Tgt Ion:107 Resp: 245731

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

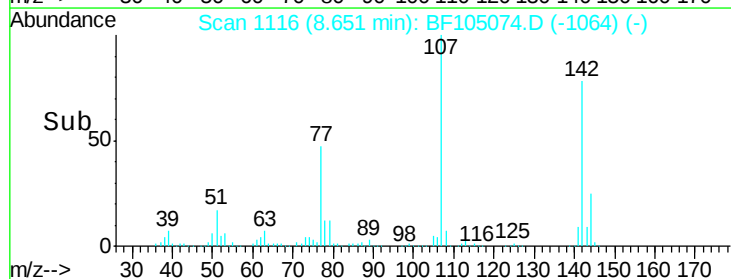
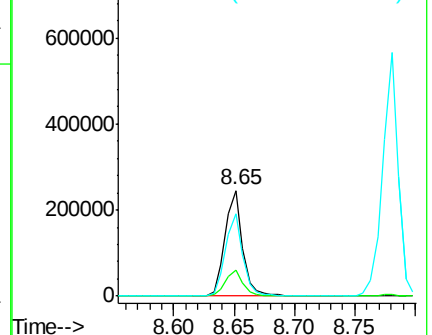
142 78.4 62.0 93.0

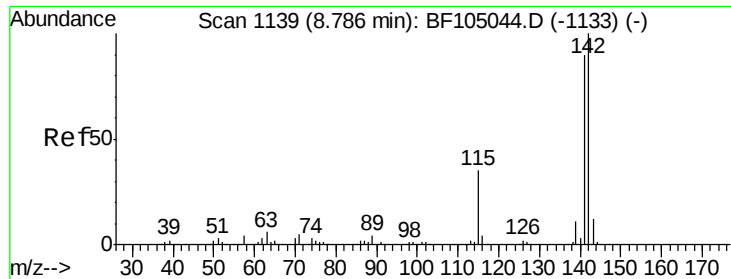


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

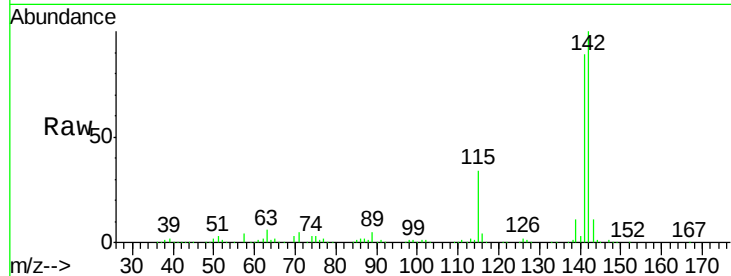




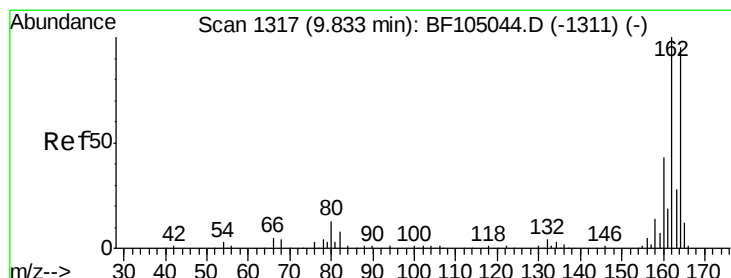
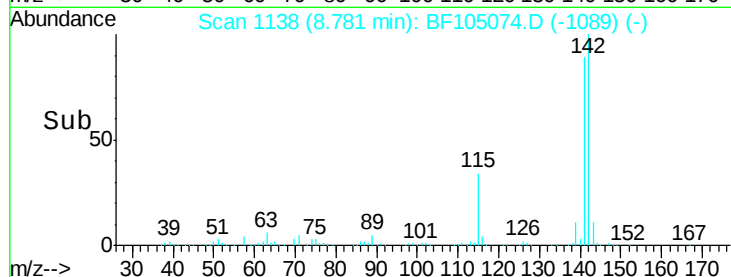
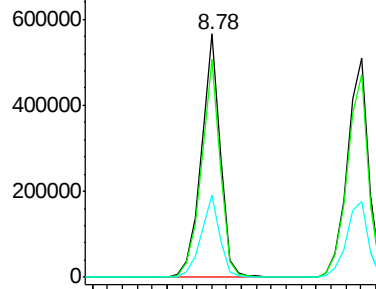
#37
 2-Methylnaphthalene
 Concen: 37.86 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

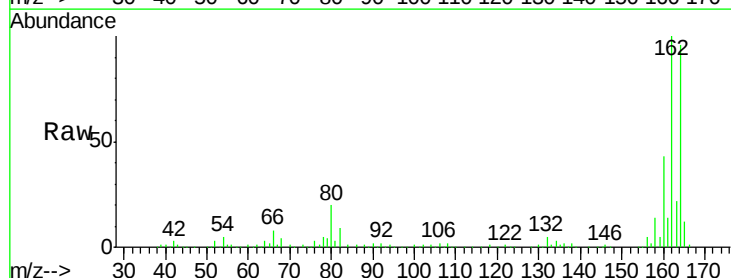


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

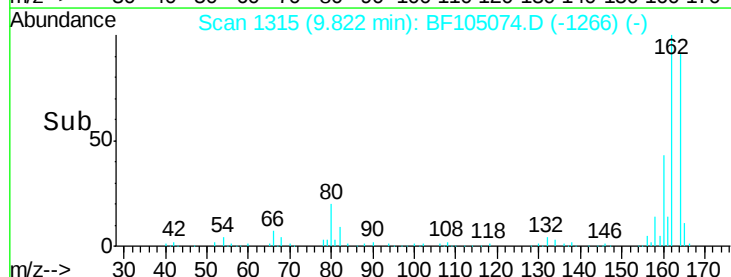
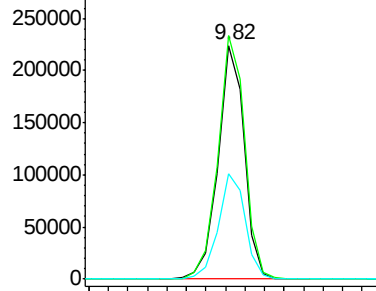


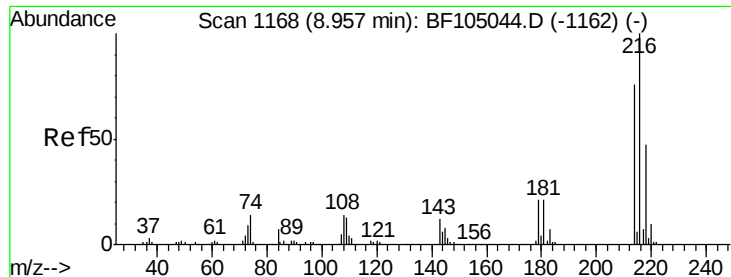
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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



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

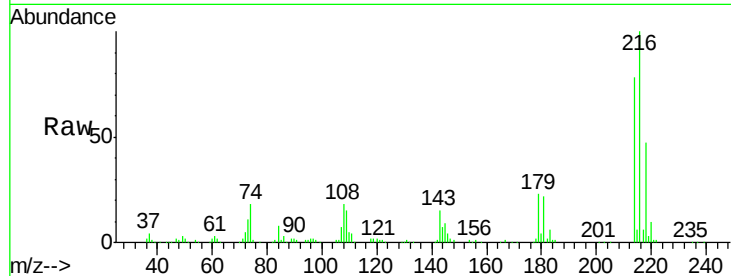




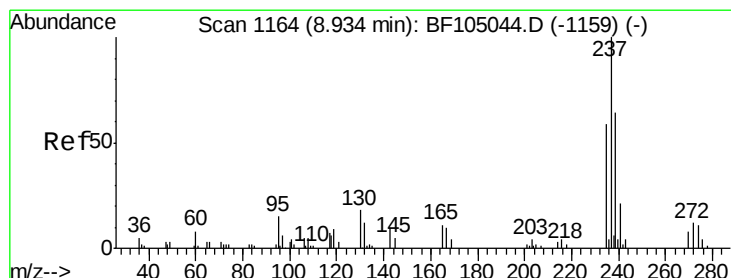
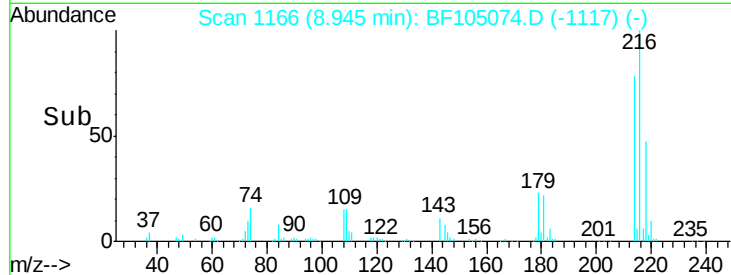
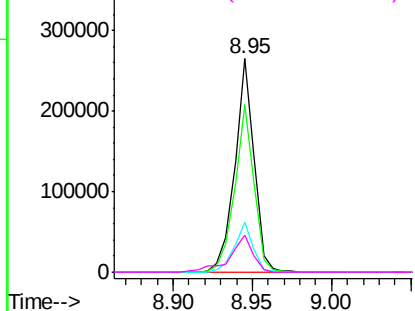
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.70 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

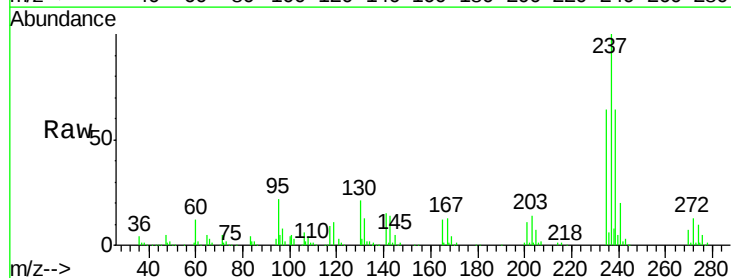


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

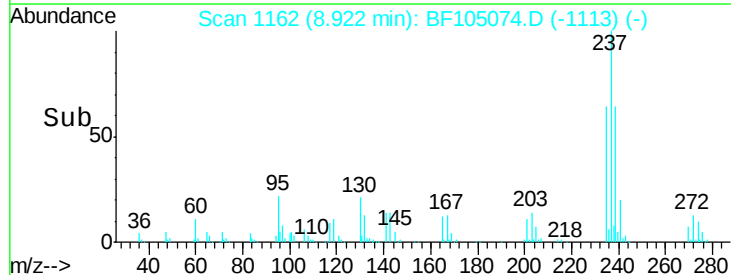
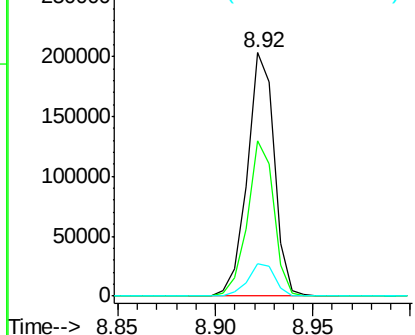


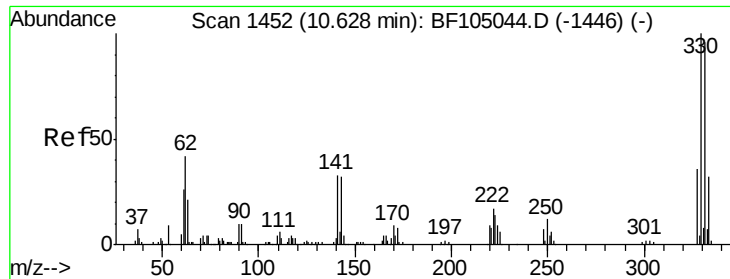
#40
 Hexachlorocyclopentadiene
 Concen: 58.43 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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

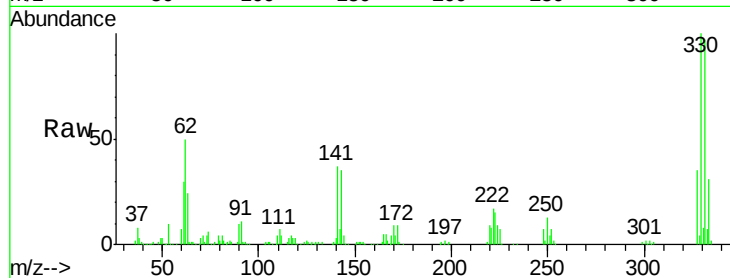




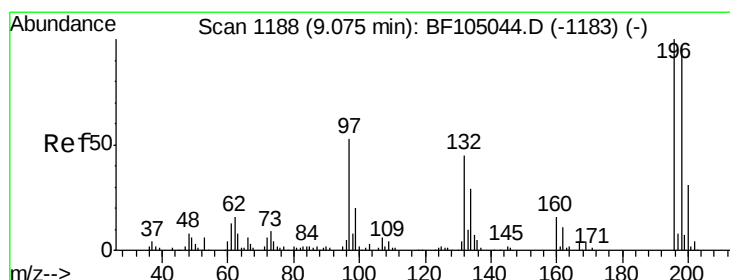
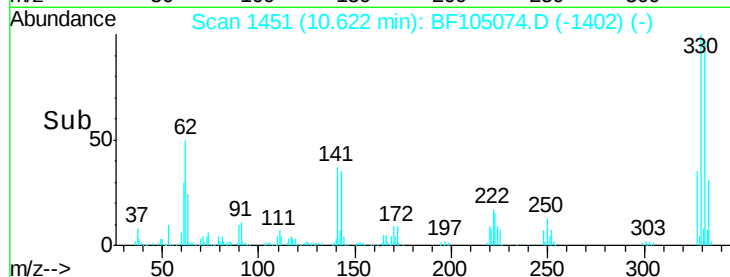
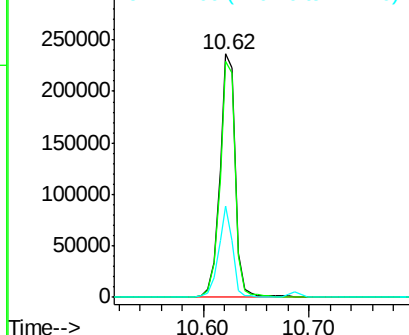
#41
 2,4,6-Tribromophenol
 Concen: 113.71 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

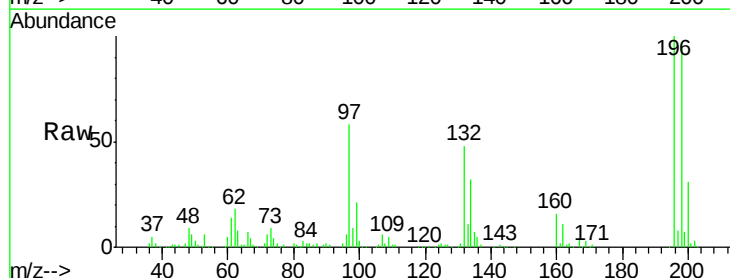


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

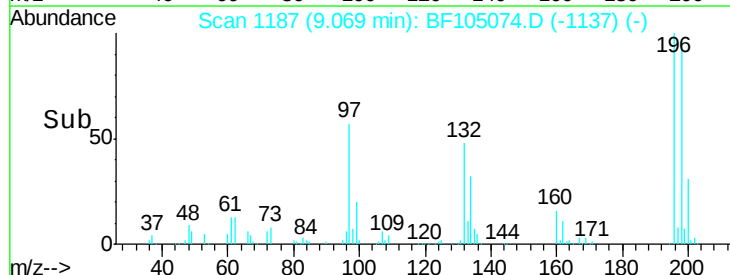
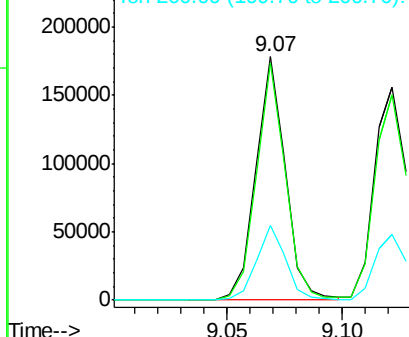


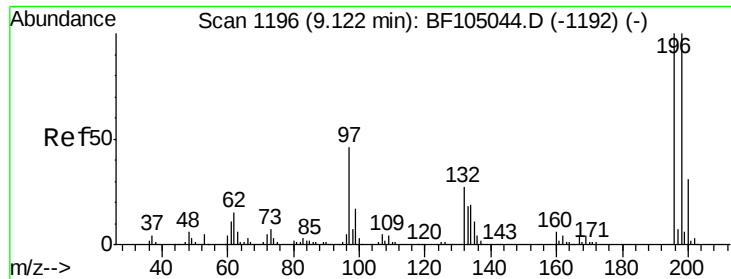
#42
 2,4,6-Trichlorophenol
 Concen: 38.39 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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

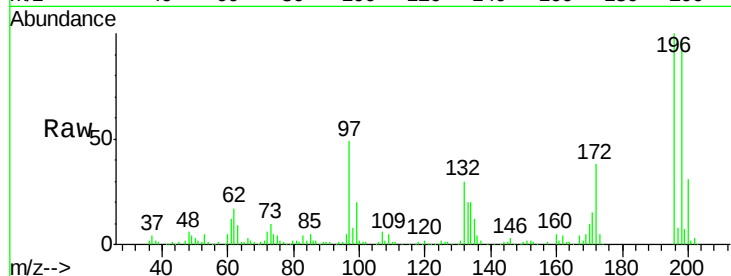




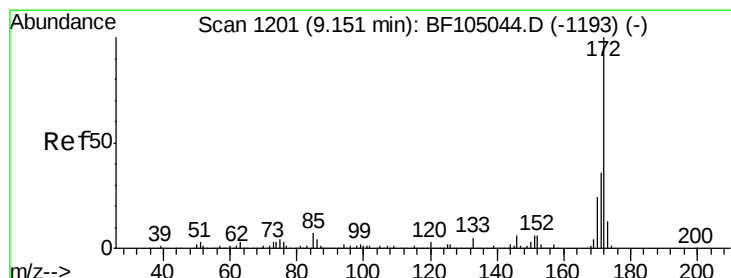
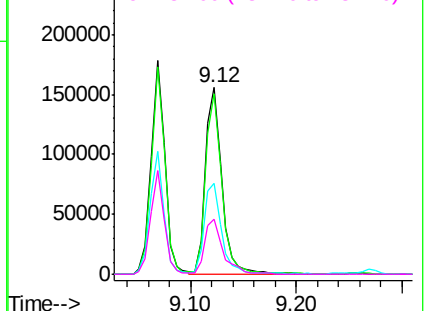
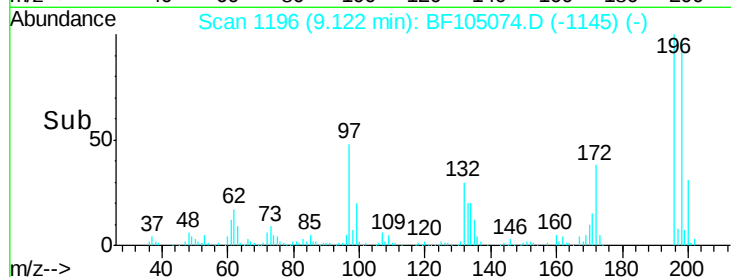
#43
 2,4,5-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

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

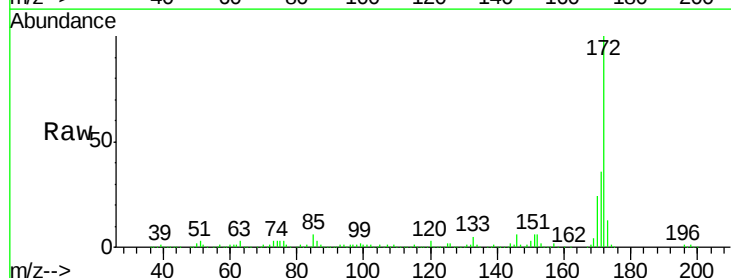


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

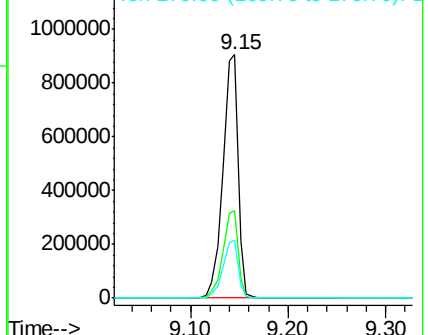
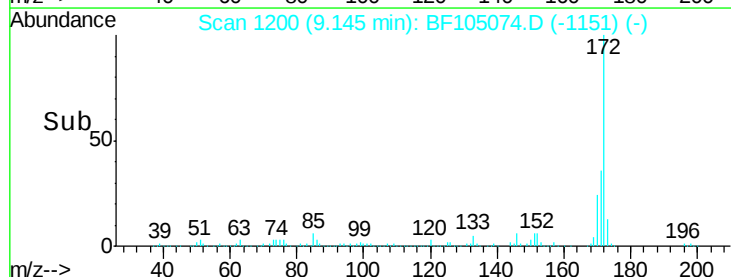


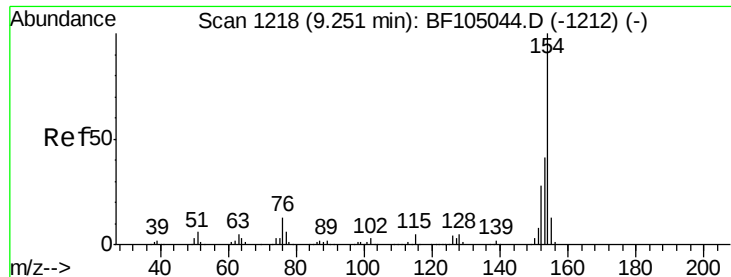
#44
 2-Fluorobiphenyl
 Concen: 74.47 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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

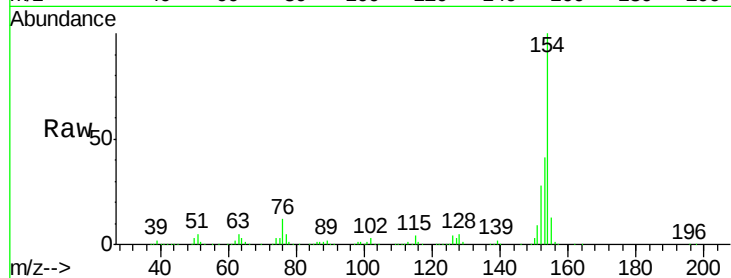




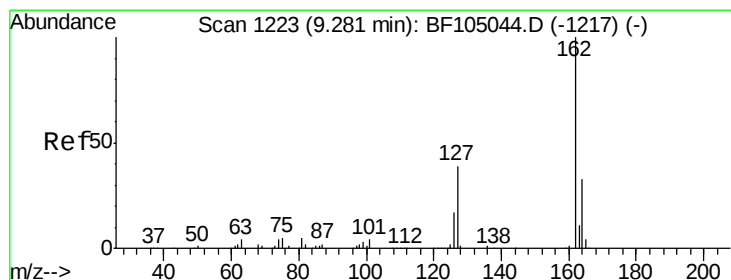
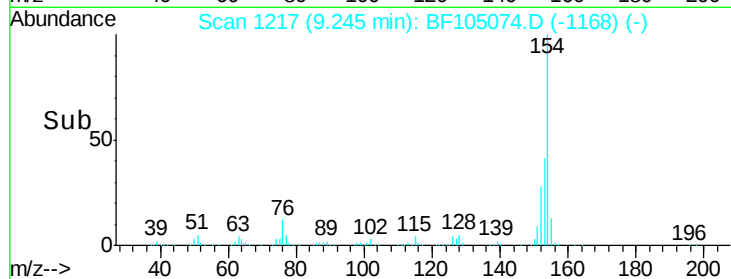
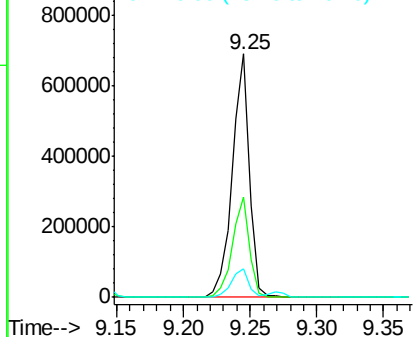
#45
 1,1'-Biphenyl
 Concen: 35.73 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.0	0.0	34.0

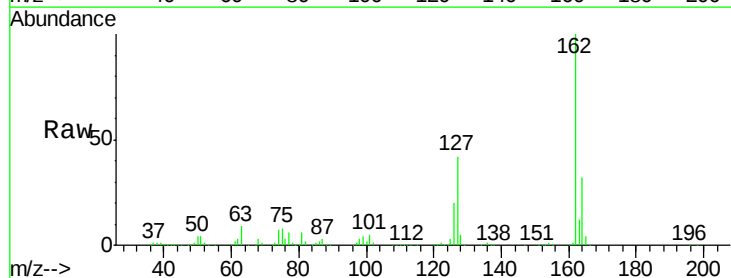


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

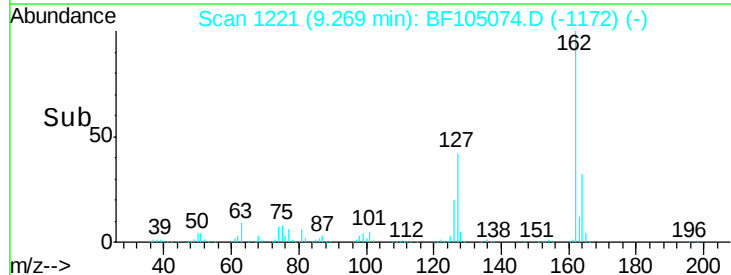
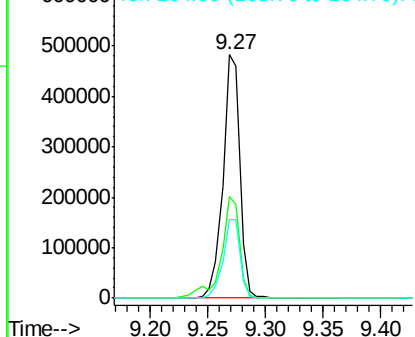


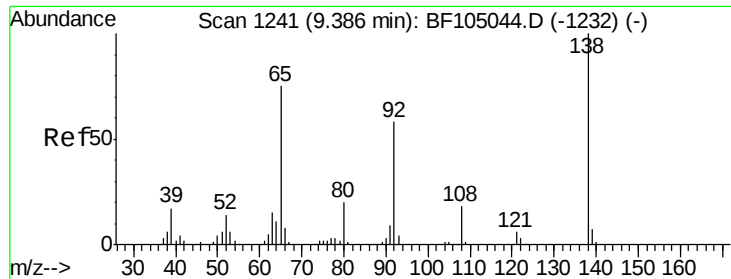
#46
 2-Chloronaphthalene
 Concen: 35.63 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Tgt Ion	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

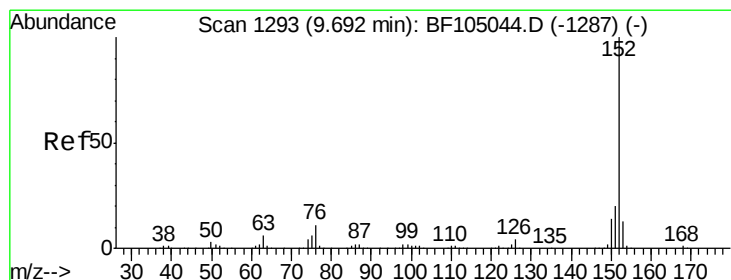
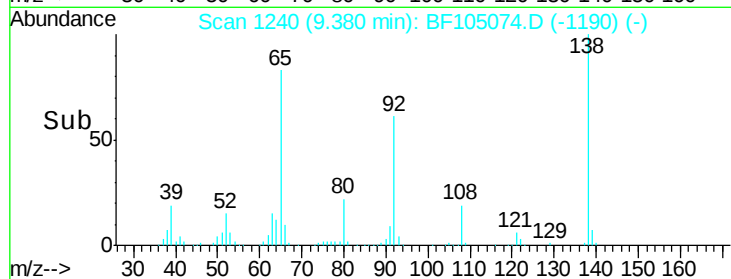
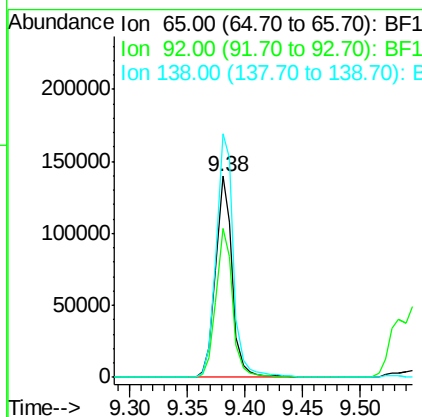
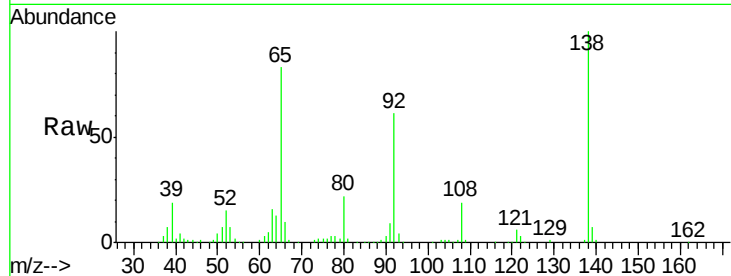




#47
2-Nitroaniline
Concen: 40.92 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

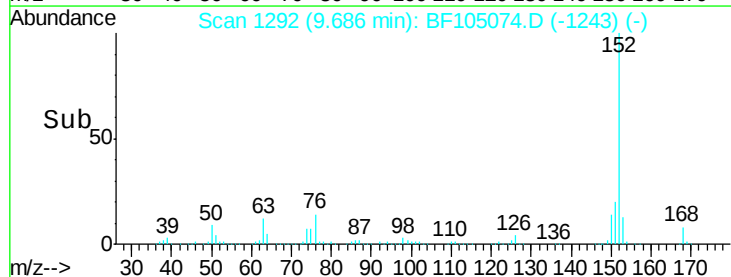
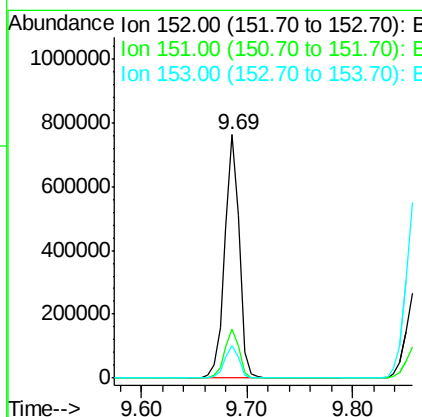
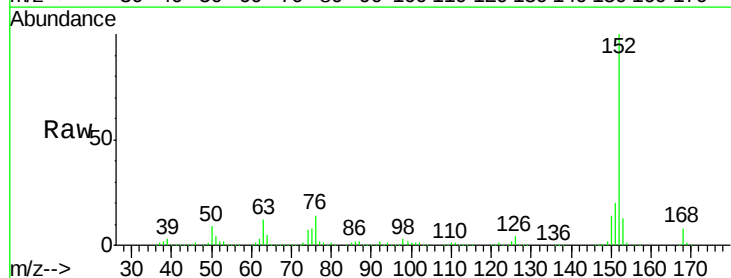
Instrument :
BNA_F
ClientSampleId :

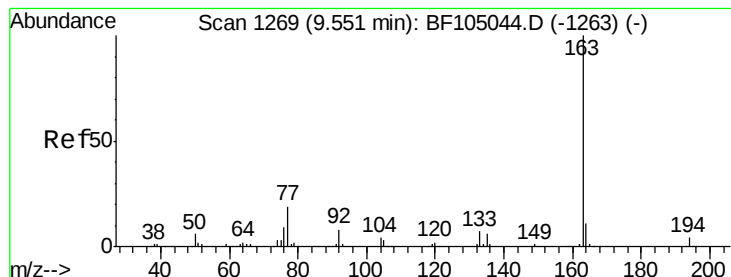
Tot Ion: 65 Resp: 139603
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 121.0 91.2 136.8



#48
Acenaphthylene
Concen: 33.53 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: 37.25 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 :

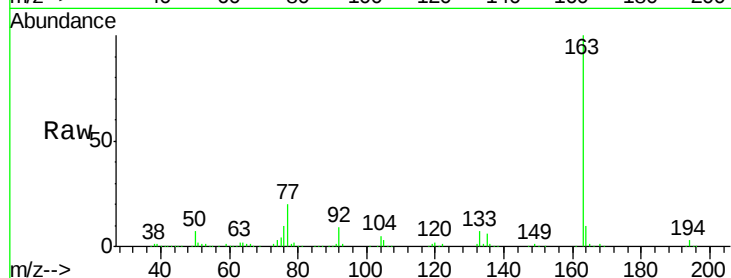
Tot Ion:163 Resp: 610795

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

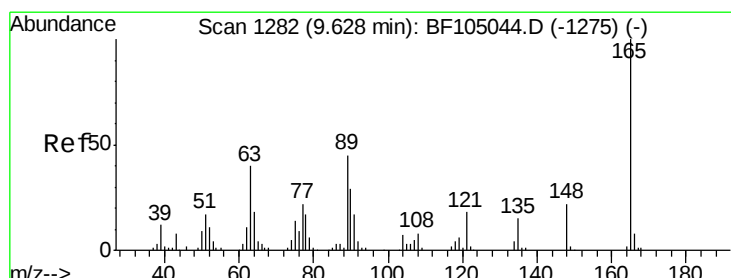
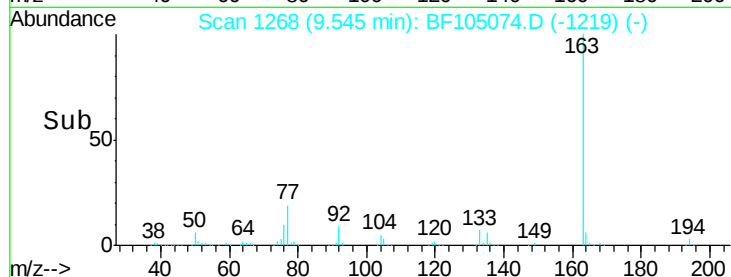
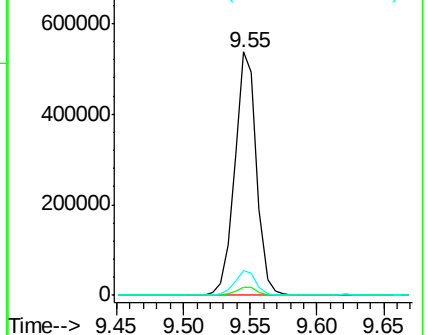
164 10.2 8.2 12.2



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: 44.43 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

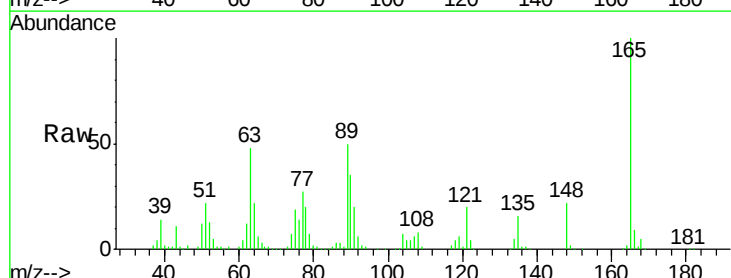
Tgt Ion:165 Resp: 134796

Ion Ratio Lower Upper

165 100

63 48.2 44.7 67.1

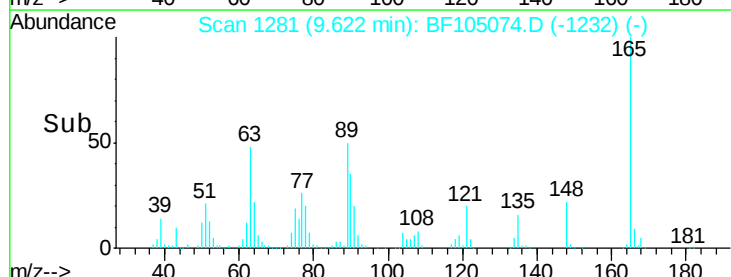
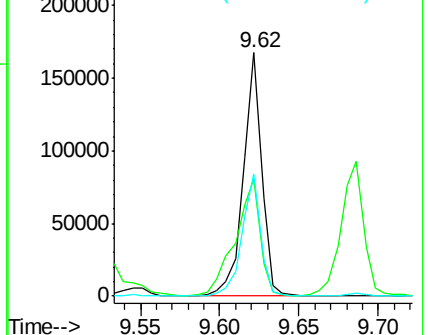
89 50.1 44.0 66.0

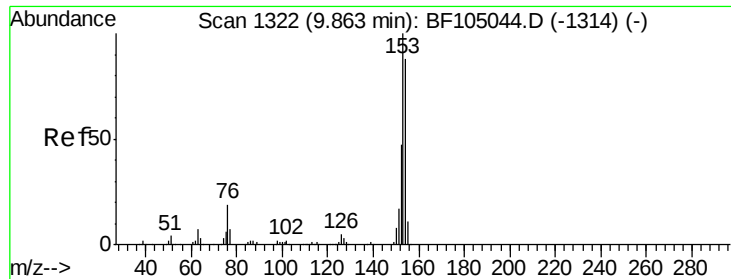


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

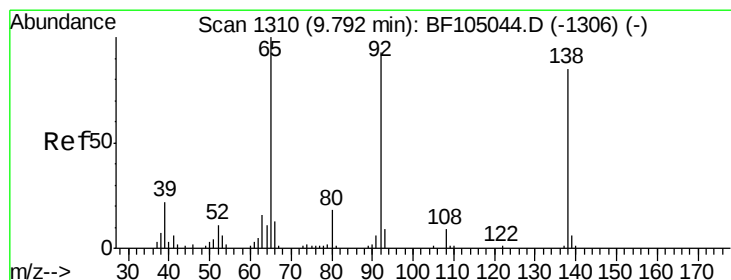
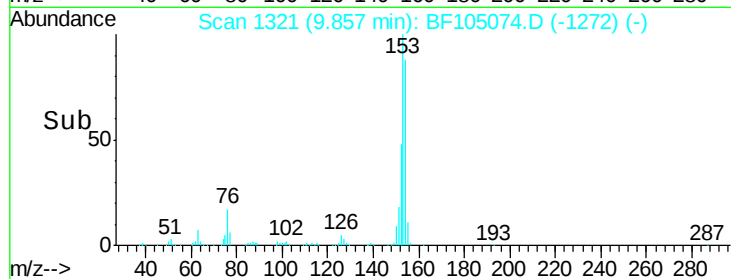
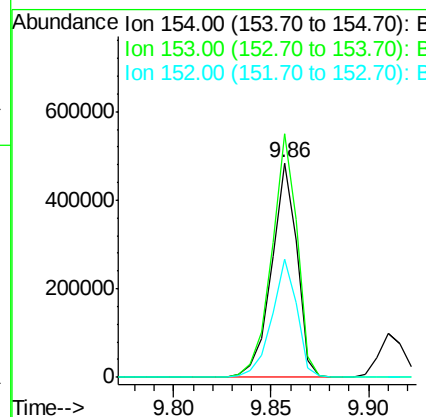
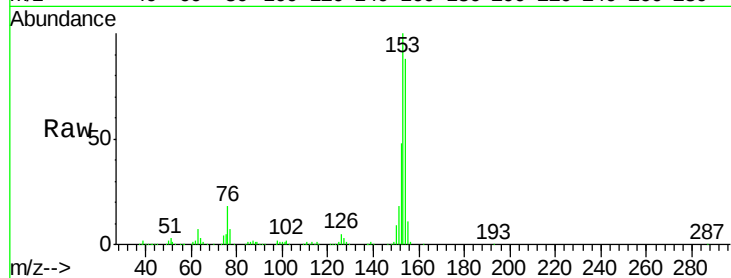




#51
Acenaphthene
Concen: 33.02 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

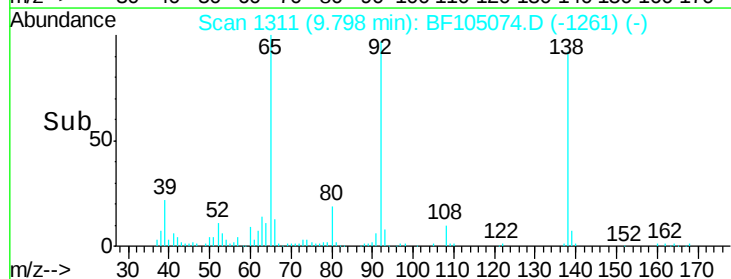
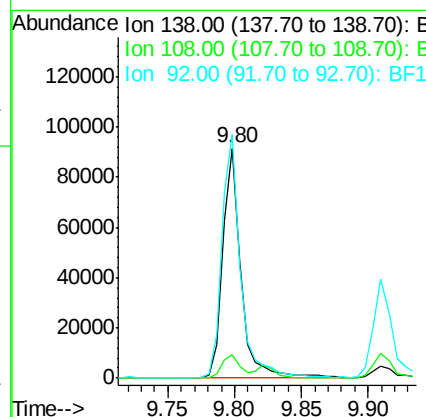
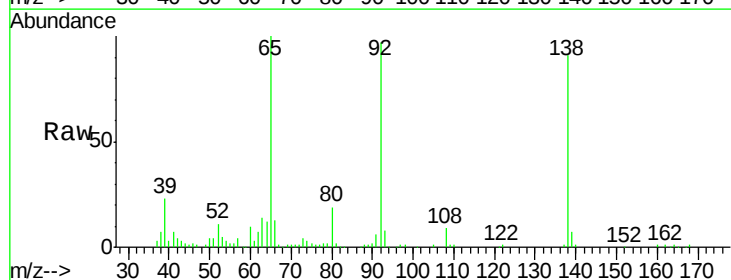
Instrument :
BNA_F
ClientSampleId :

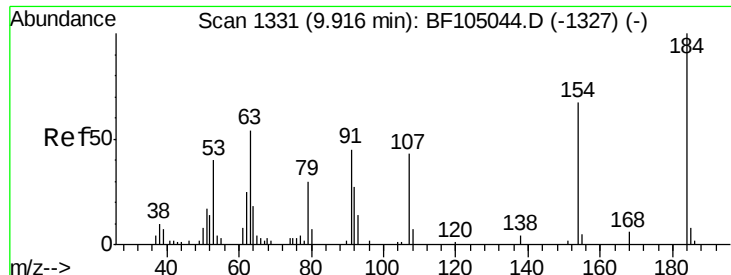
Tot Ion:154 Resp: 436112
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 55.0 43.8 65.8



#52
3-Nitroaniline
Concen: 25.06 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

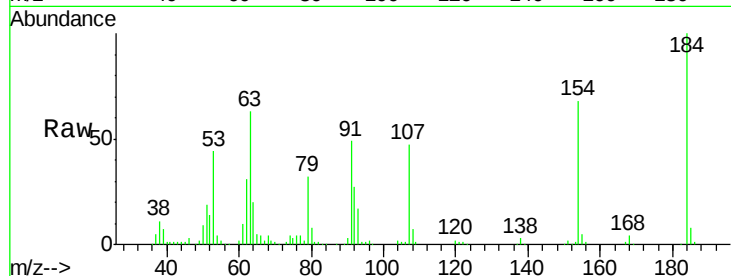




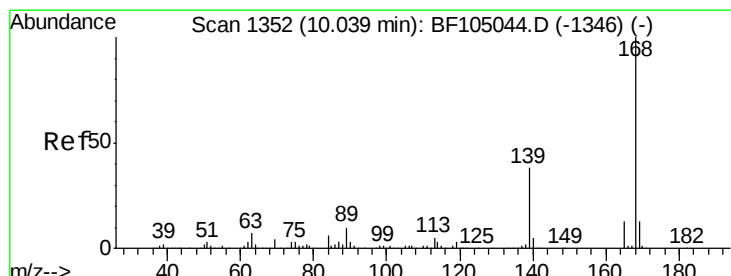
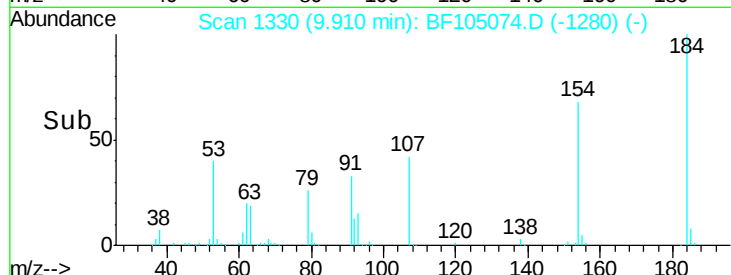
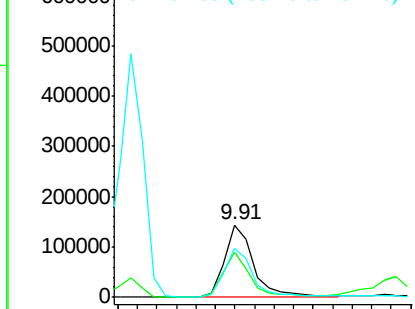
#53
 2,4-Dinitrophenol
 Concen: 104.61 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

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#

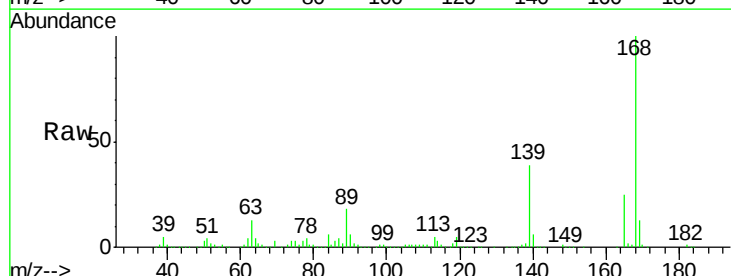


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

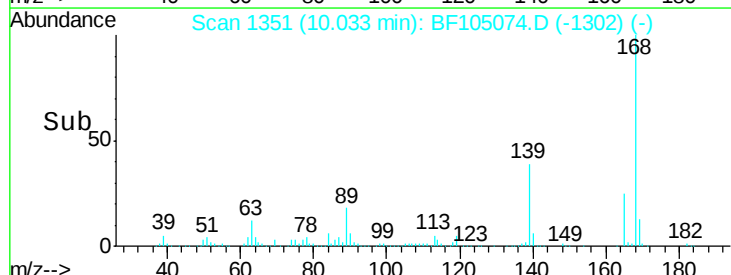
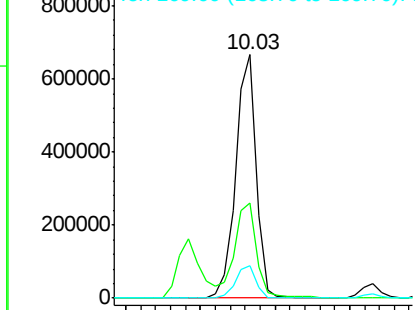


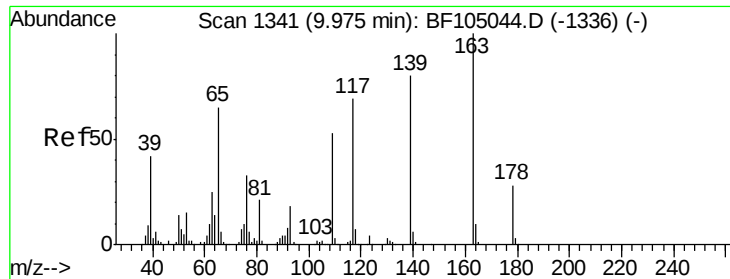
#54
 Dibenzofuran
 Concen: 34.84 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

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



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

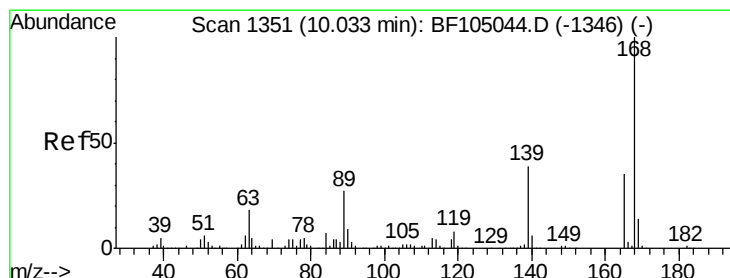
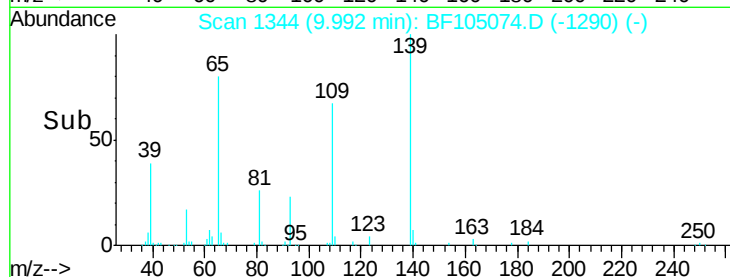
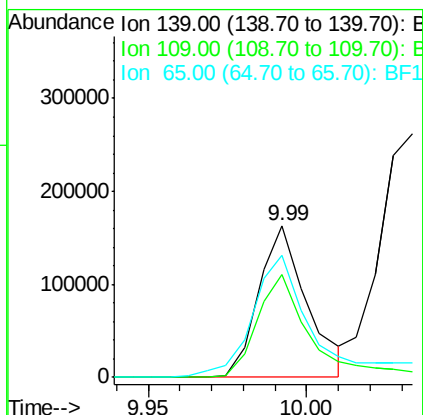
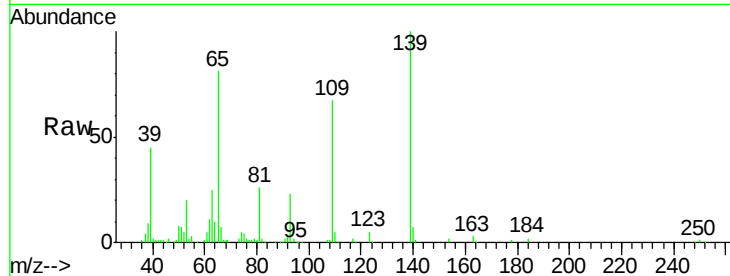




#55
4-Nitrophenol
Concen: 61.88 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

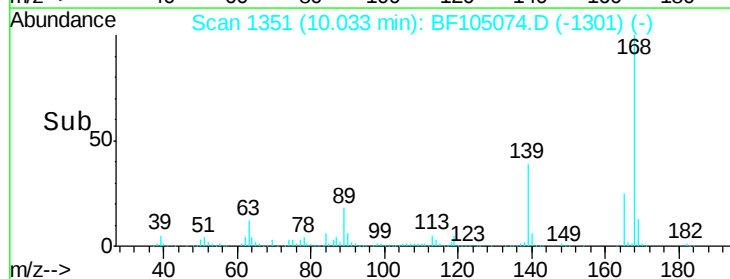
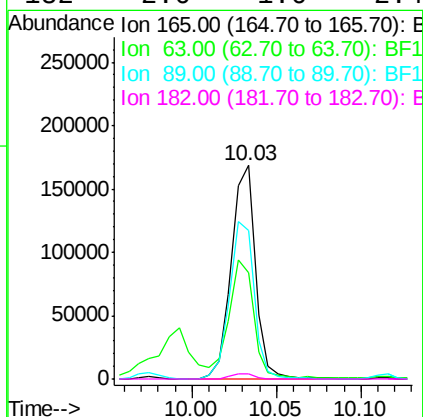
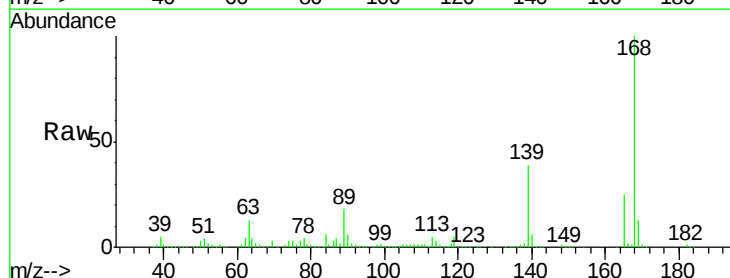
Instrument :
BNA_F
ClientSampleId :

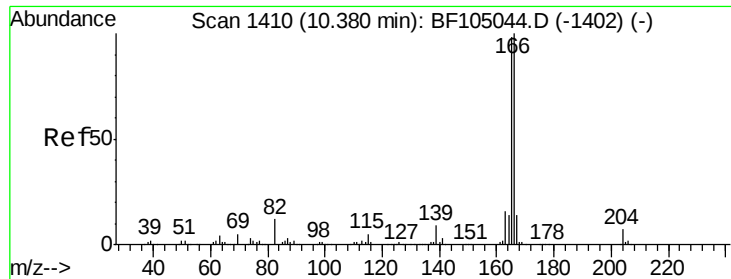
Tot Ion:139 Resp: 172655
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 80.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.11 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#

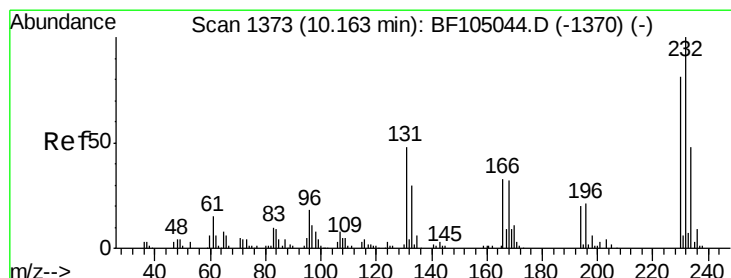
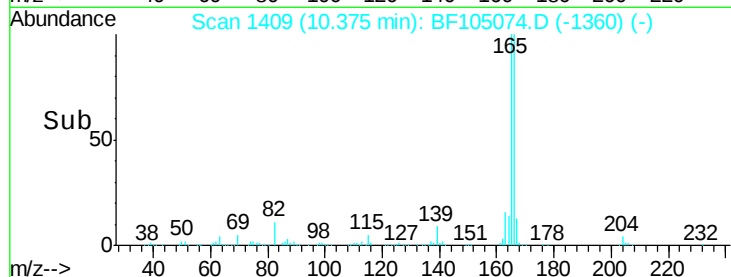
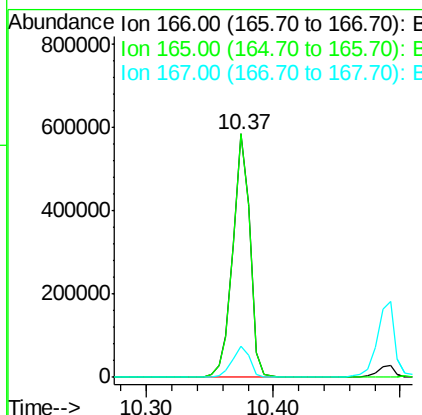
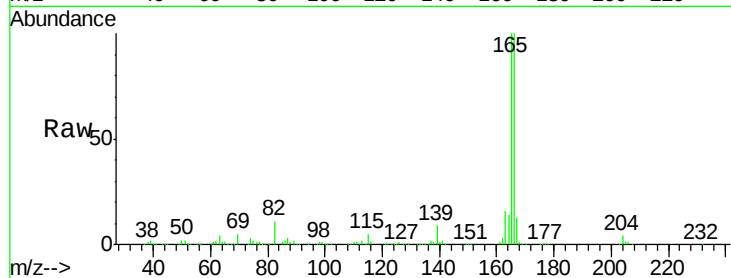




#57
 Fluorene
 Concen: 40.37 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

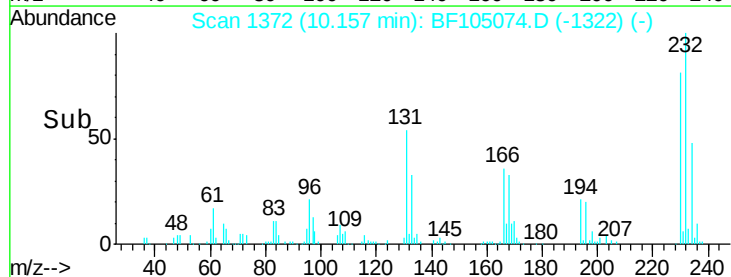
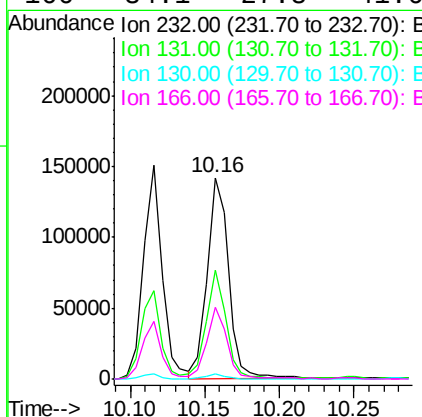
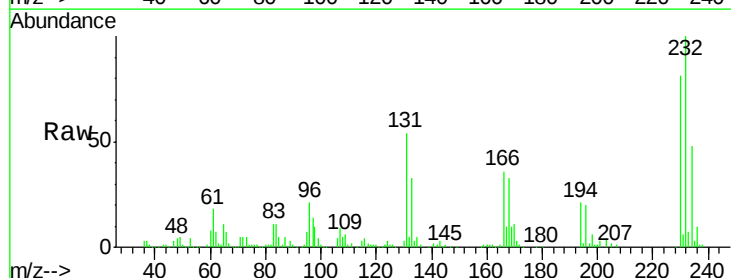
Instrument :
 BNA_F
 ClientSampleId :

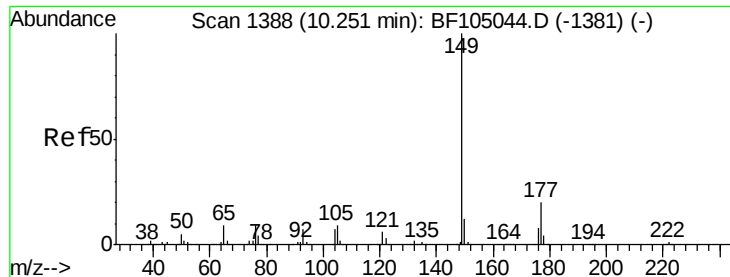
Tot Ion:166 Resp: 540746
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.72 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





#59

Diethylphthalate

Concen: 38.05 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 :

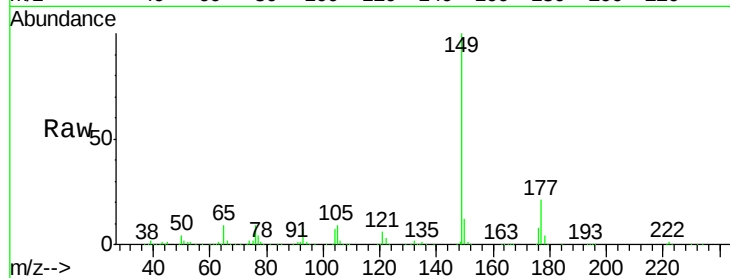
Tot Ion:149 Resp: 621268

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

800000

600000

400000

200000

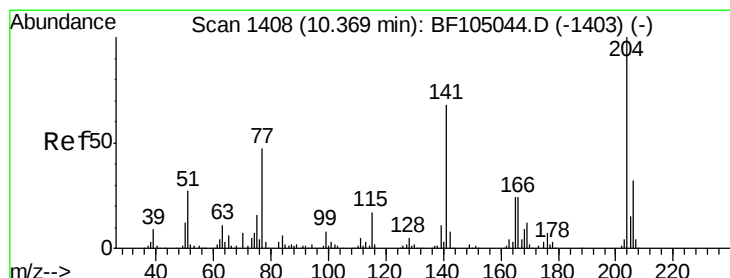
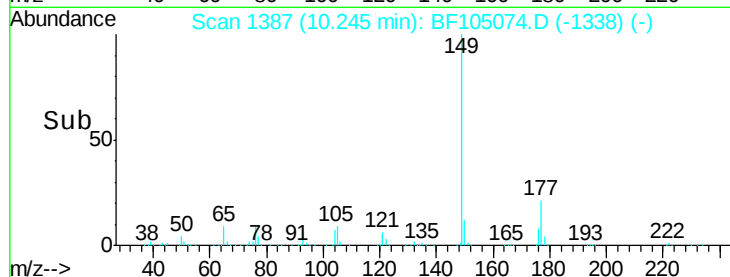
0

10.25

10.20

10.30

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 42.15 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

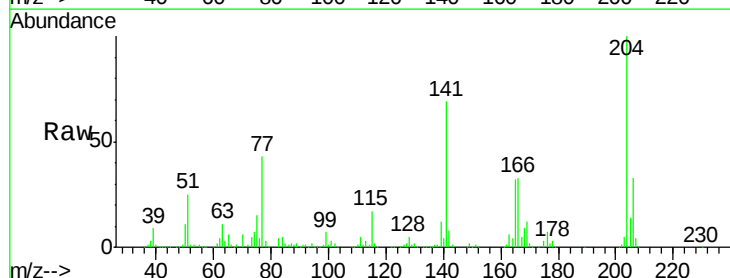
Tgt Ion:204 Resp: 251439

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

400000

300000

200000

100000

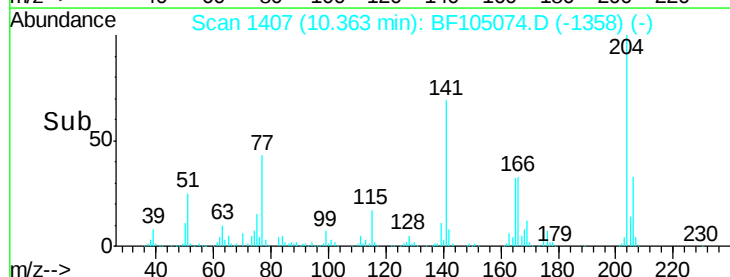
0

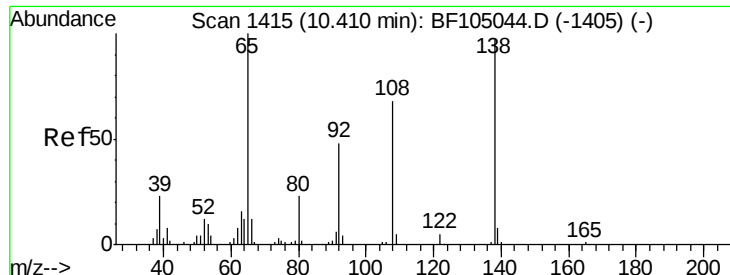
10.36

10.30

10.40

Time-->

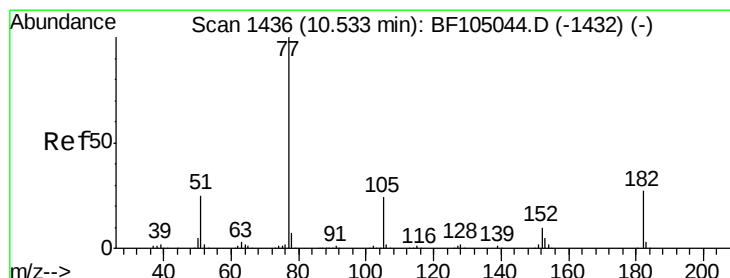
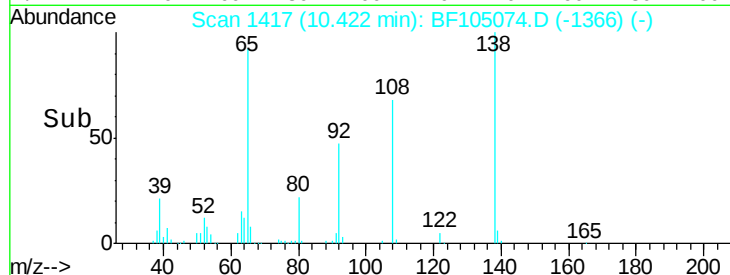
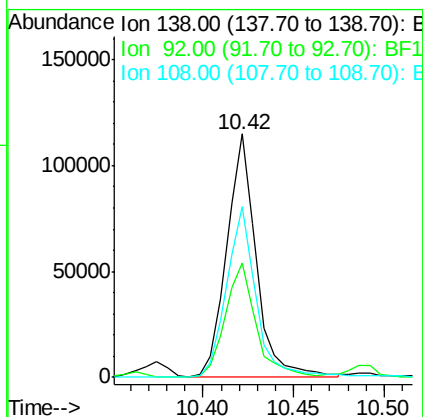
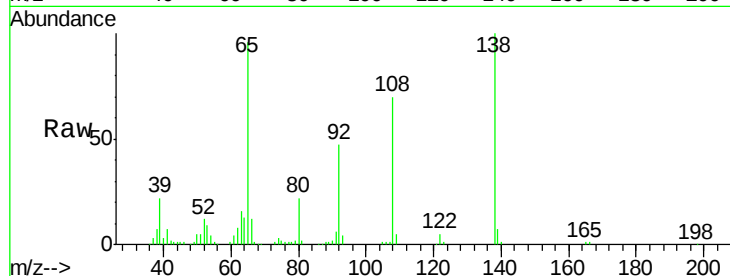




#61
4-Nitroaniline
Concen: 37.12 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

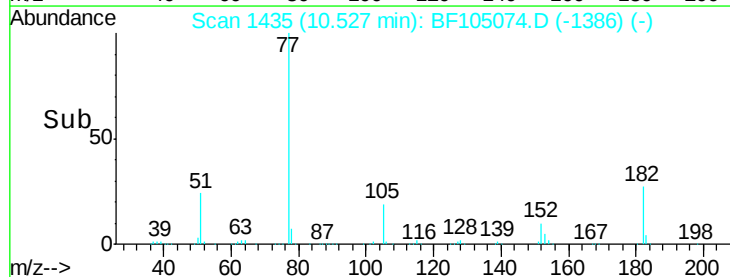
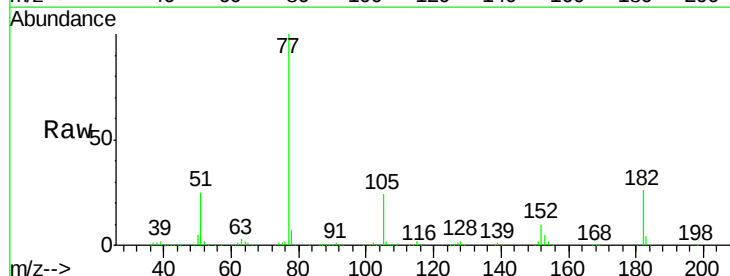
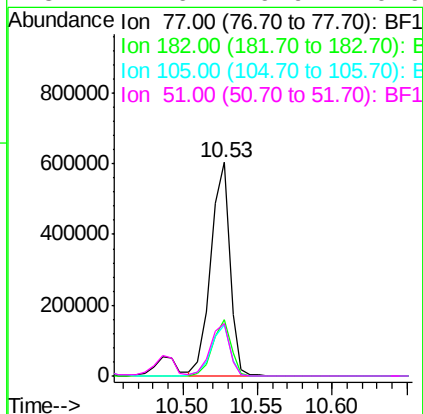
Instrument :
BNA_F
ClientSampleId :

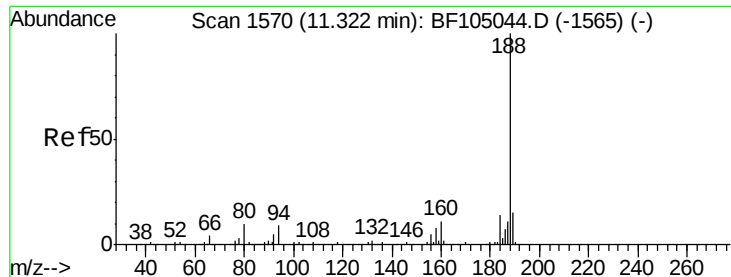
Tot Ion:138 Resp: 128915
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 34.18 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

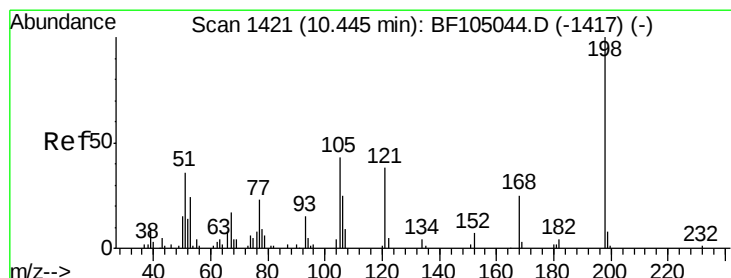
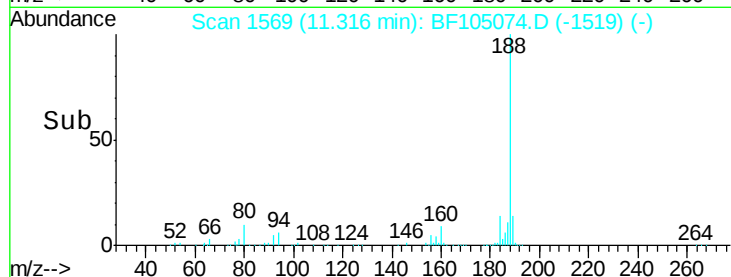
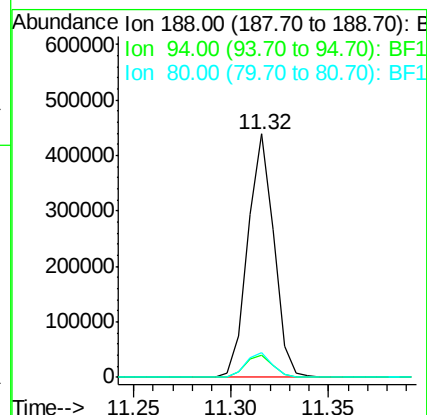
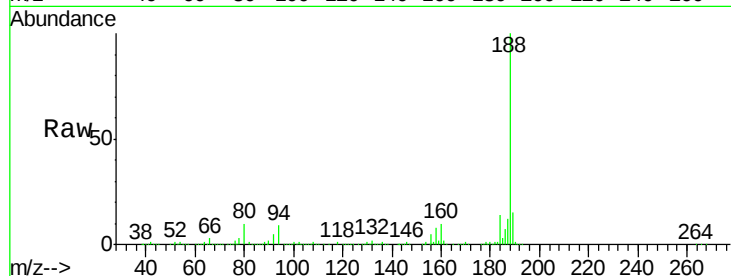




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

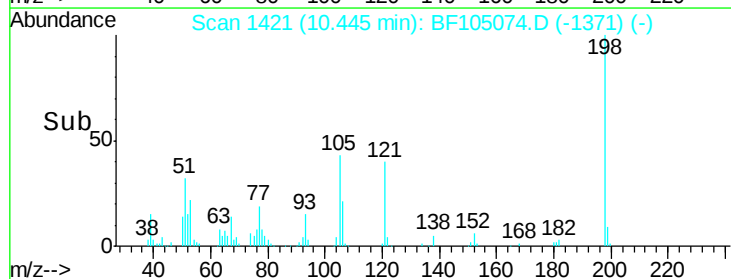
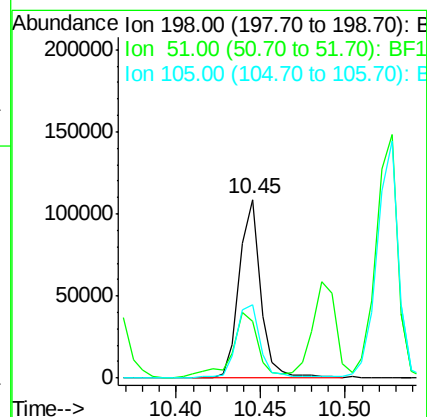
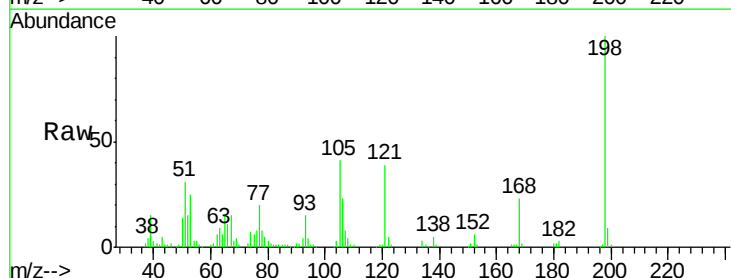
Instrument :
BNA_F
ClientSampled :

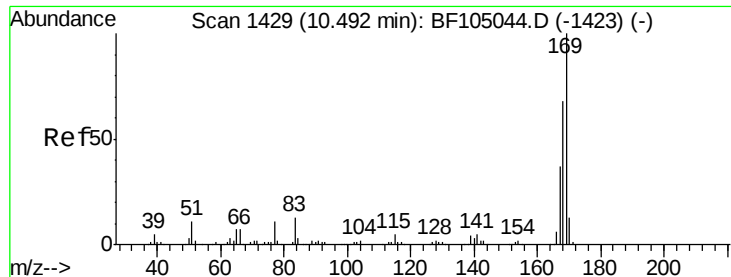
Tot Ion:188 Resp: 408351
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.32 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





#65

n-Nitrosodiphenylamine

Concen: 34.09 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 :

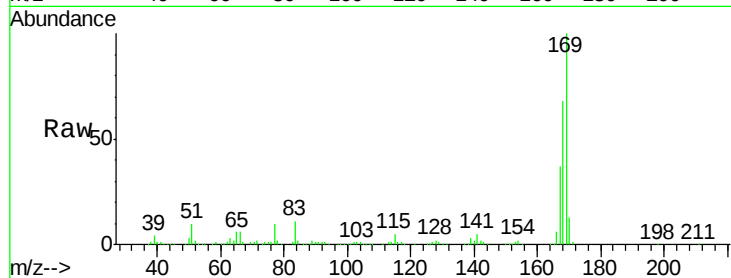
Tot Ion:169 Resp: 482644

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

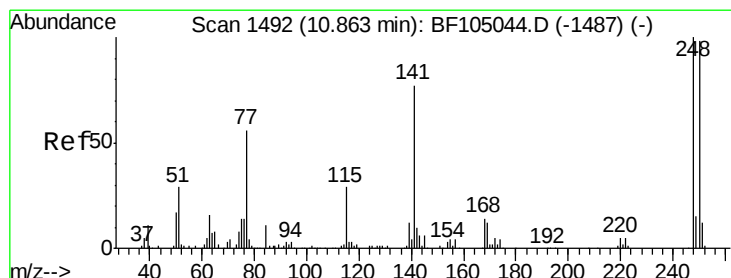
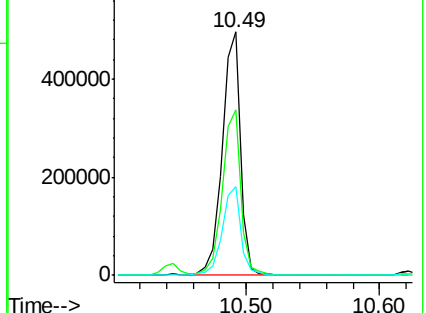
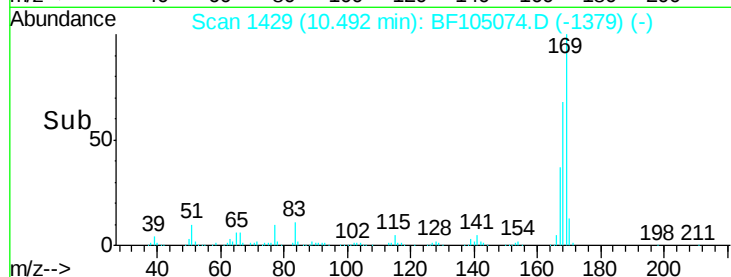
167 36.6 29.8 44.6



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: 36.32 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

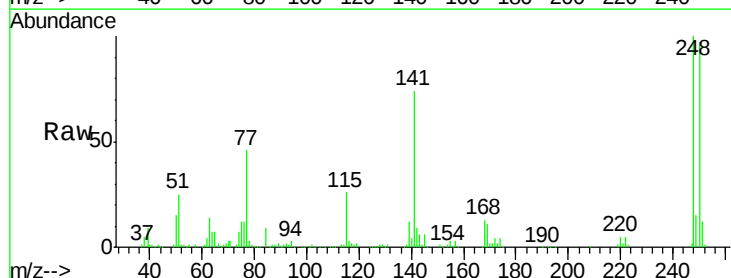
Tgt Ion:248 Resp: 157762

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

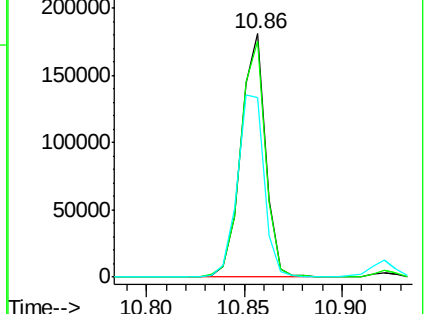
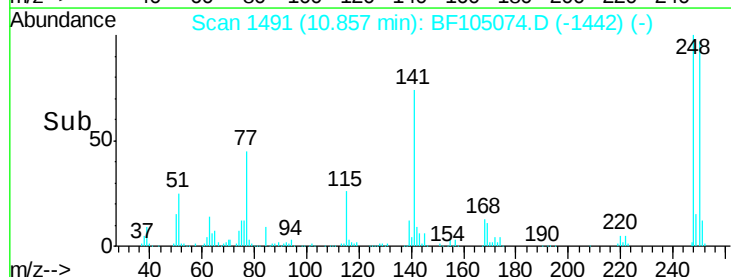
141 73.9 74.4 111.6#

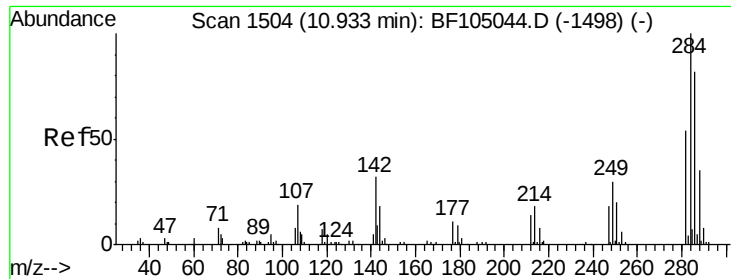


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

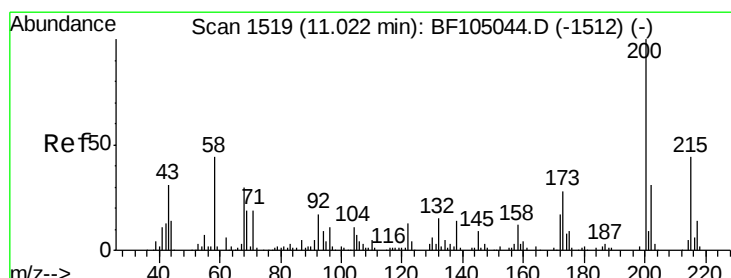
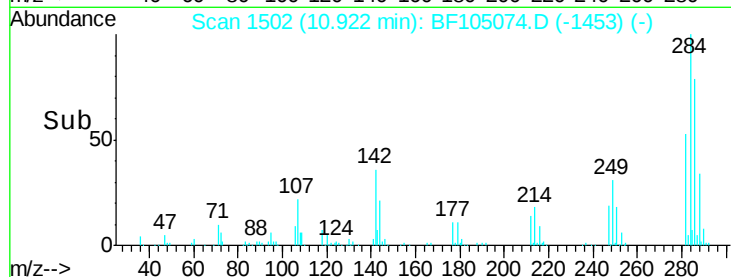
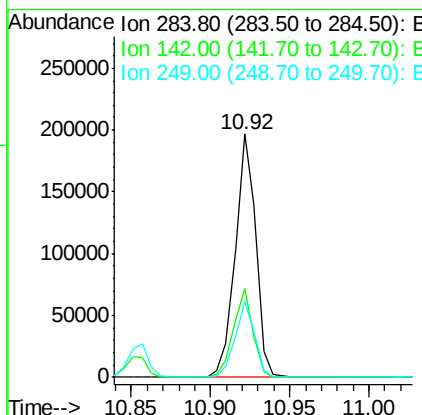
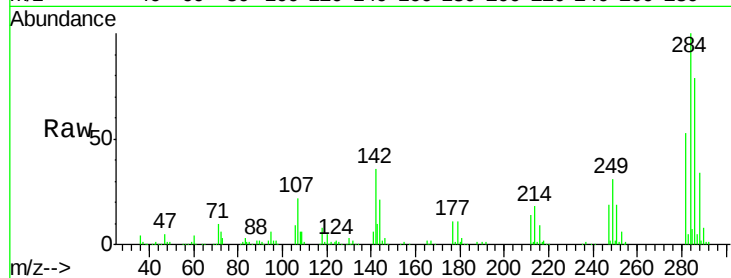




#67
Hexachlorobenzene
Concen: 36.18 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

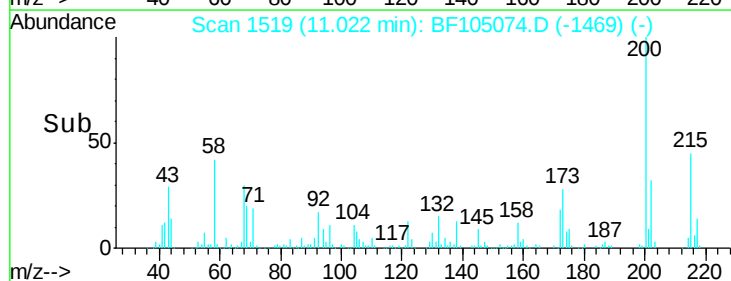
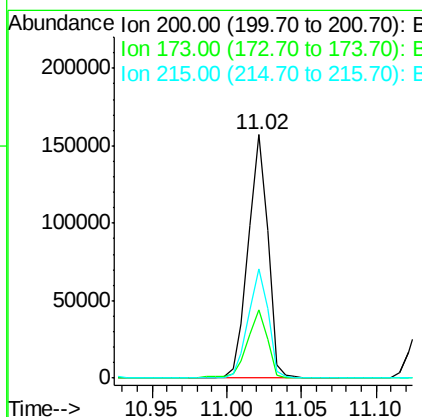
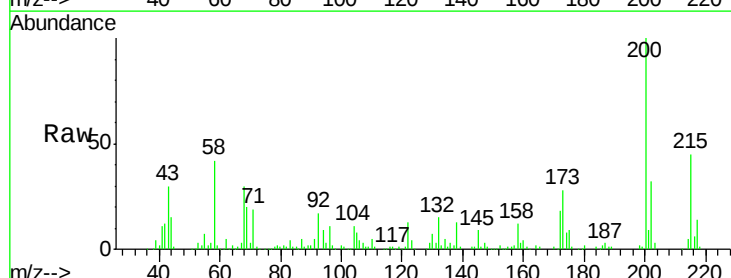
Instrument :
BNA_F
ClientSampled :

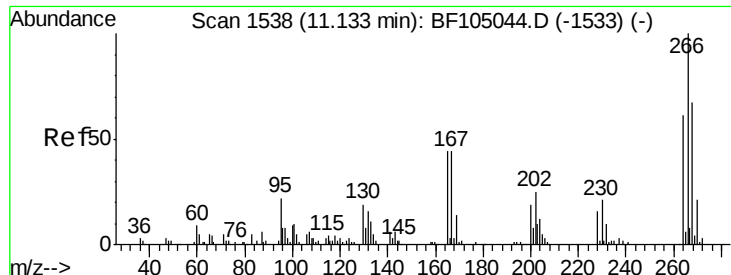
Tot Ion:284 Resp: 176826
Ion Ratio Lower Upper
284 100
142 36.5 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 33.71 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

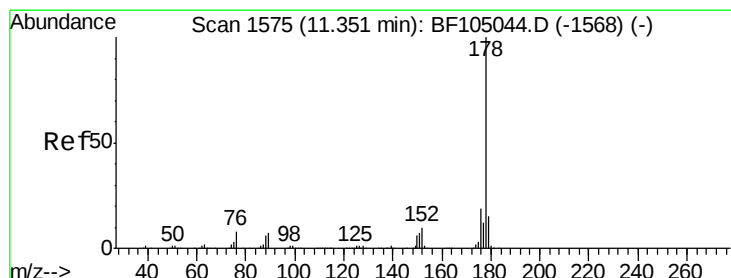
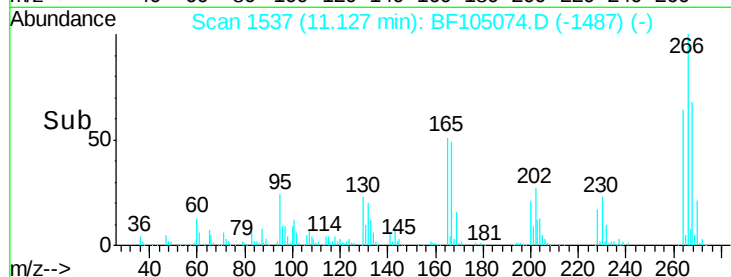
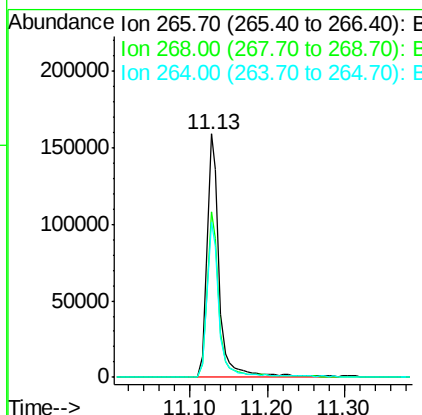
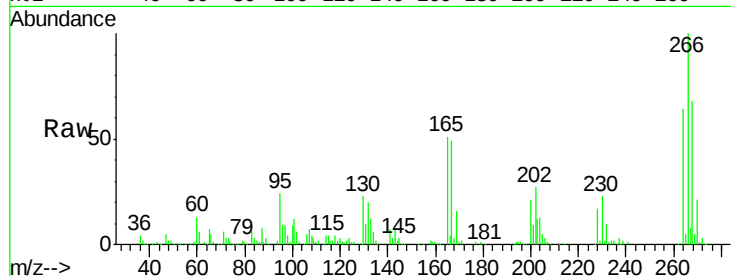




#69
 Pentachlorophenol
 Concen: 58.50 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105074.D
 Acq: 3 May 2018 16:00

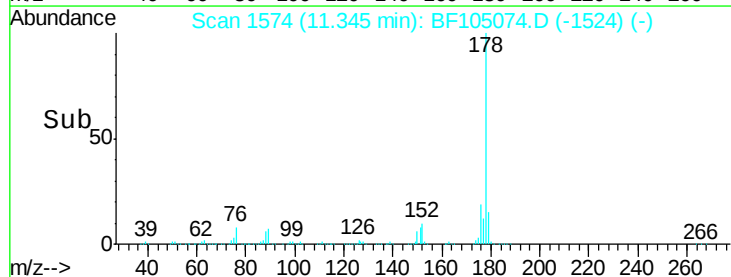
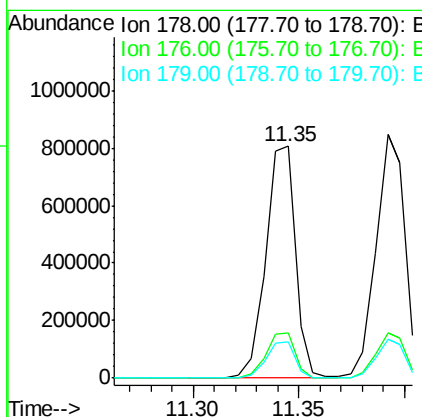
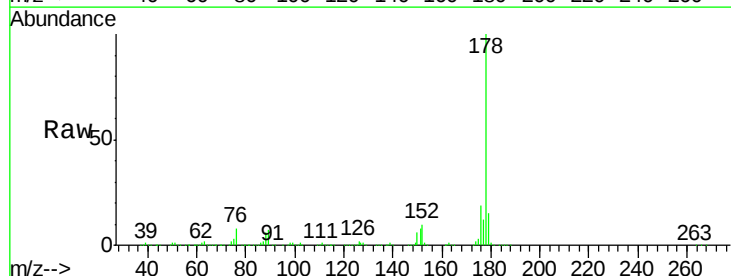
Instrument :
 BNA_F
 ClientSampleId :

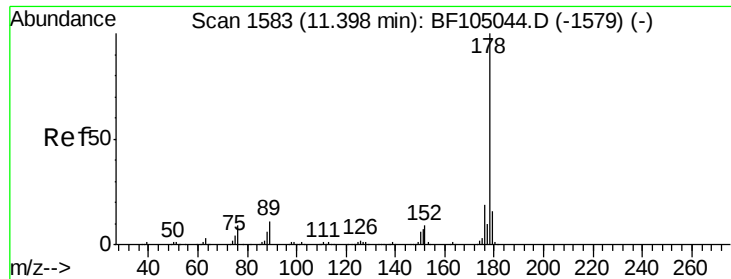
Tot Ion:266 Resp: 176885
 Ion Ratio Lower Upper
 266 100
 268 68.0 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 34.74 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: 35.65 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 :

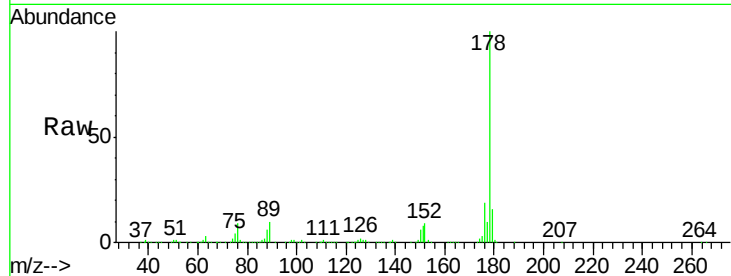
Tot Ion:178 Resp: 823985

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

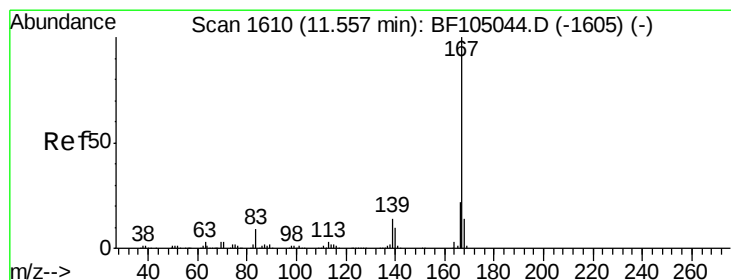
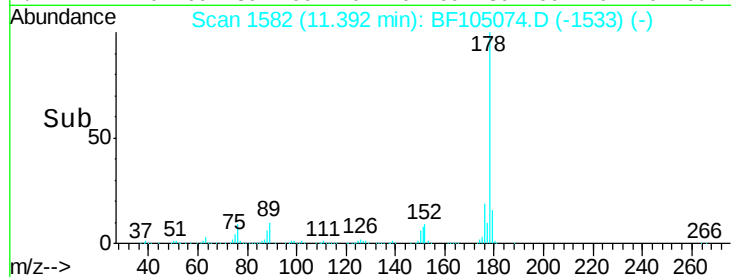
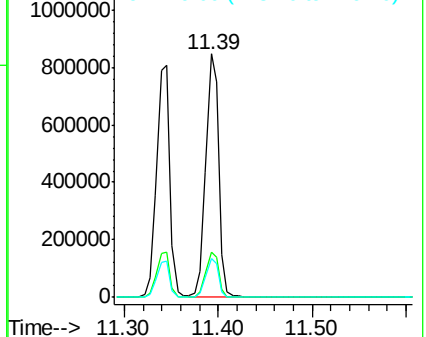
179 15.9 12.6 19.0



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: 33.20 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

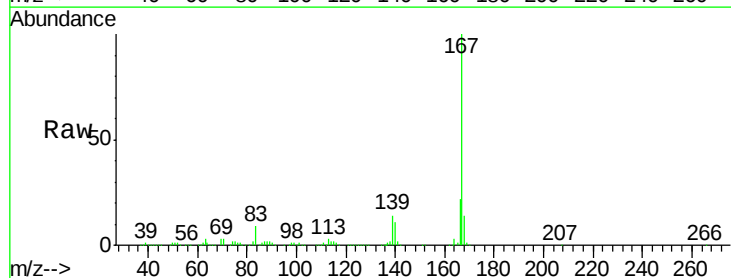
Tgt Ion:167 Resp: 749910

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

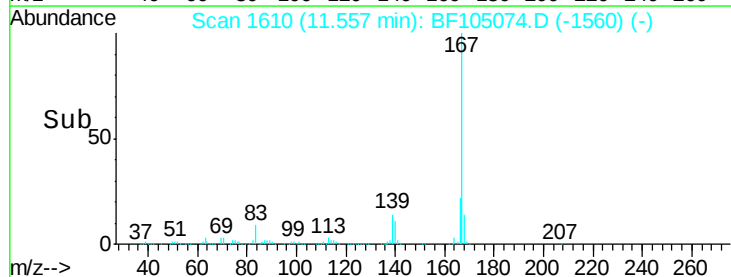
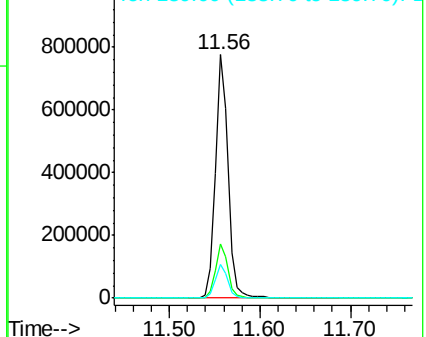
139 13.9 10.9 16.3

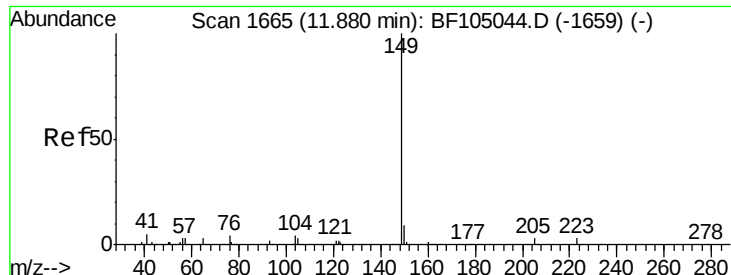


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.21 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105074.D

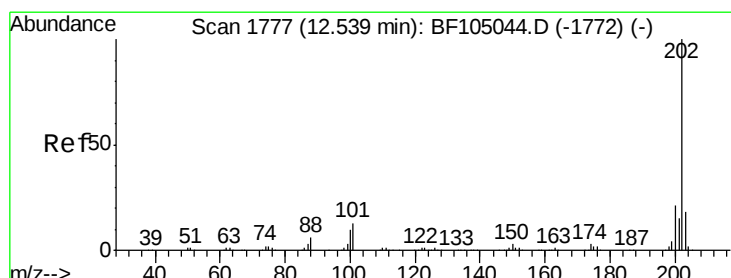
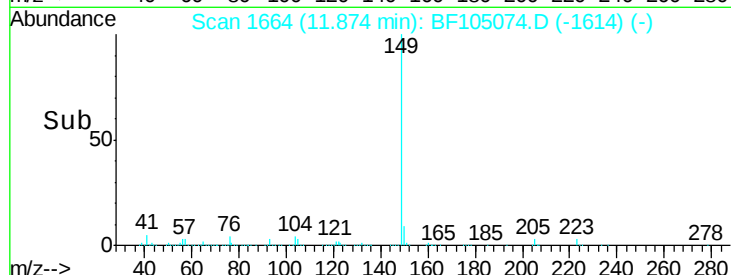
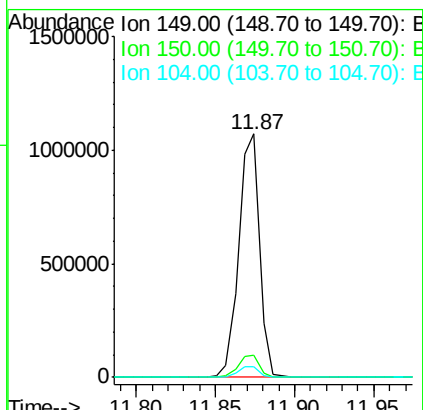
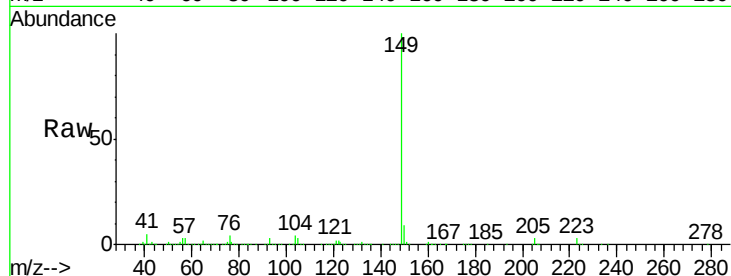
Acq: 3 May 2018 16:00

Instrument :

BNA_F

ClientSampleId :

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



#74

Fluoranthene

Concen: 34.25 ng

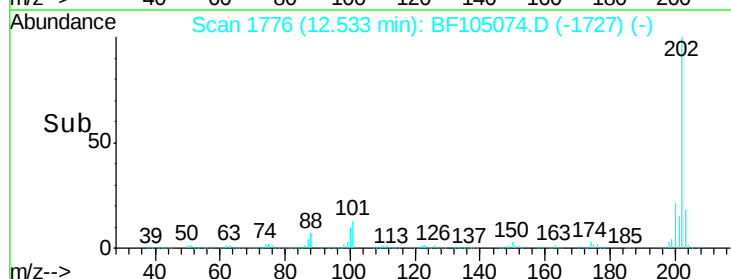
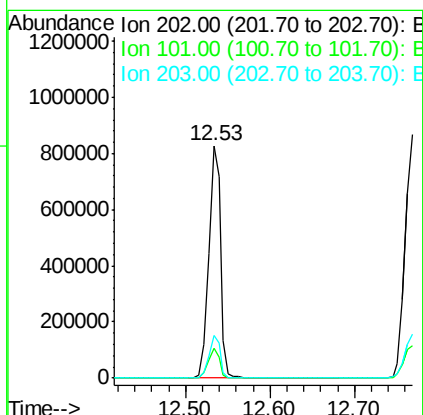
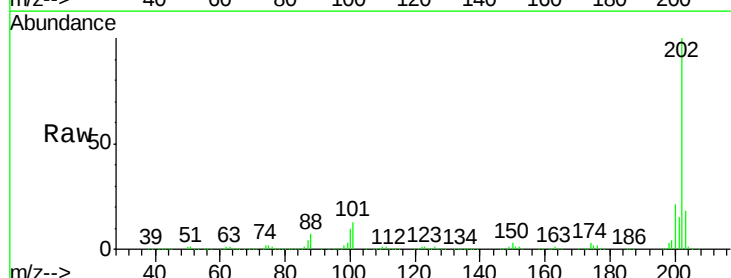
RT: 12.53 min Scan# 1776

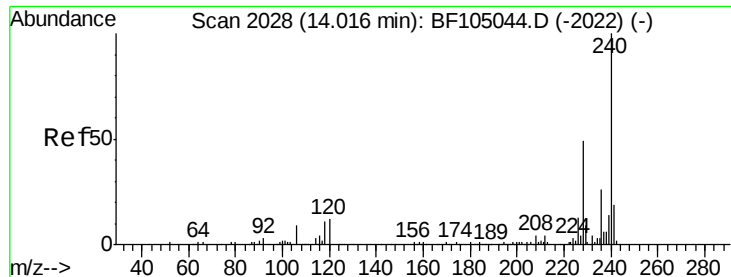
Delta R.T. -0.01 min

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





#75

Chrysene-d12

Concen: 20.00 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 :

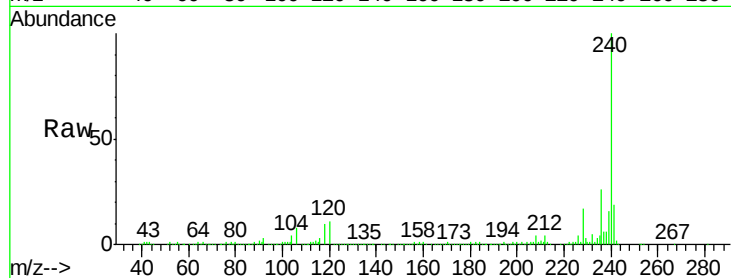
Tot Ion:240 Resp: 301139

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

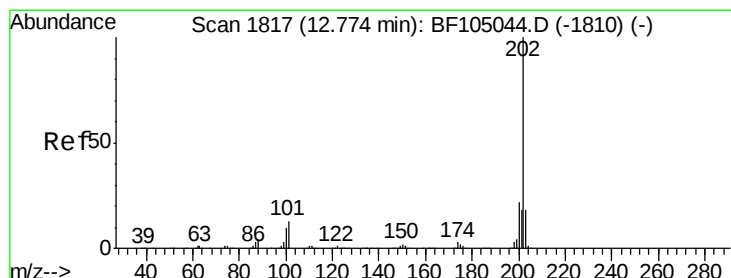
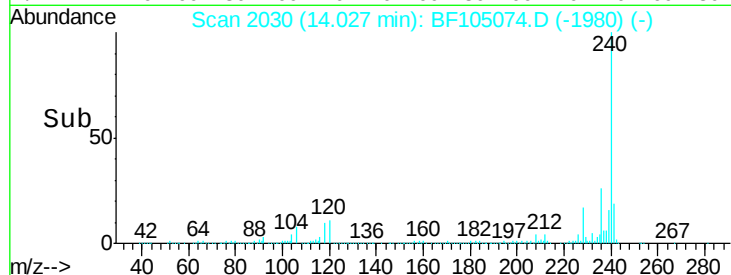
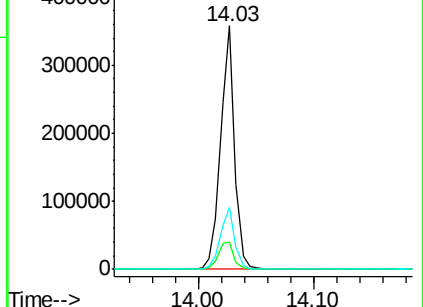
236 25.6 20.7 31.1



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: 36.69 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

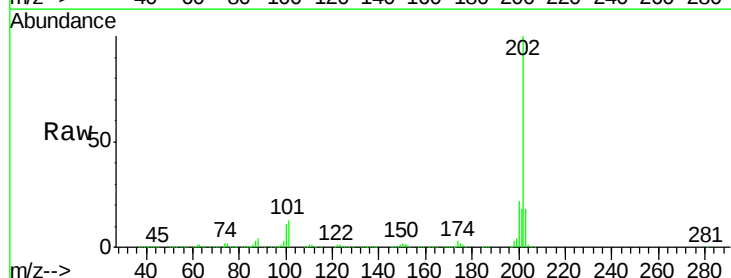
Tgt Ion:202 Resp: 819070

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

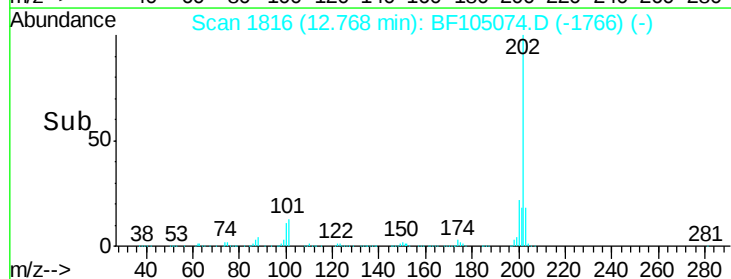
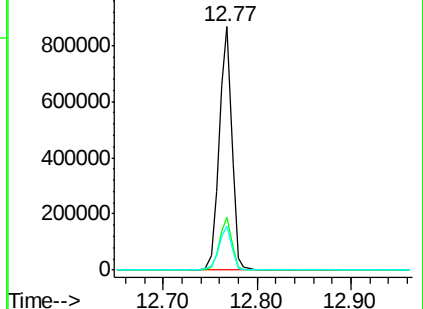
203 17.9 14.3 21.5

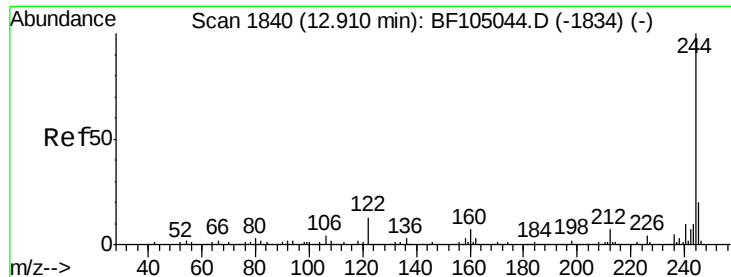


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.54 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

ClientSampled :

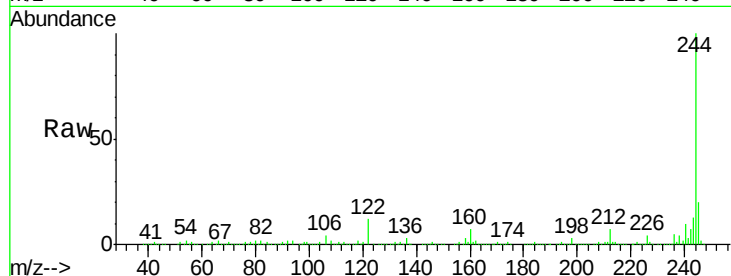
Tot Ion:244 Resp: 1050642

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

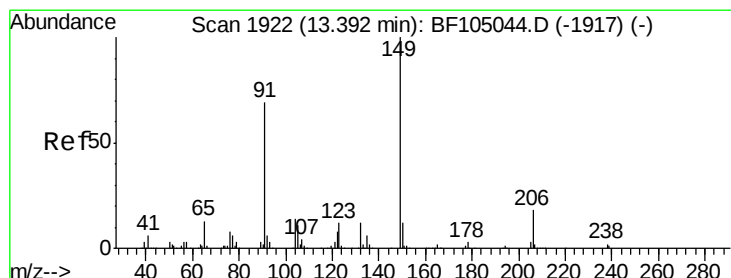
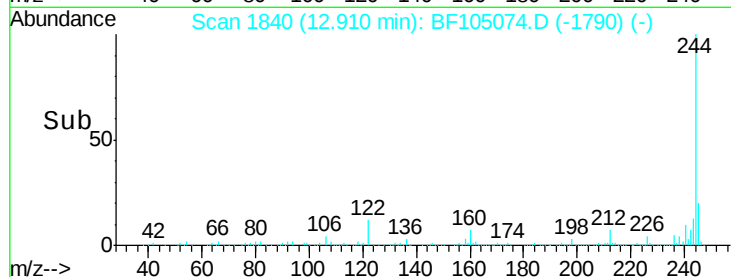
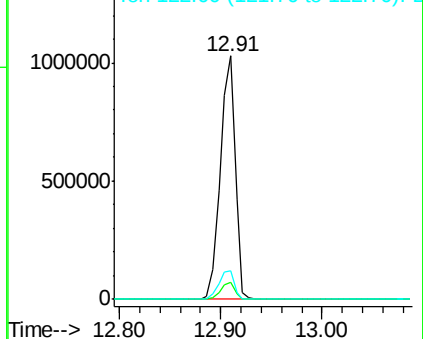
122 11.9 11.0 16.4



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: 38.19 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

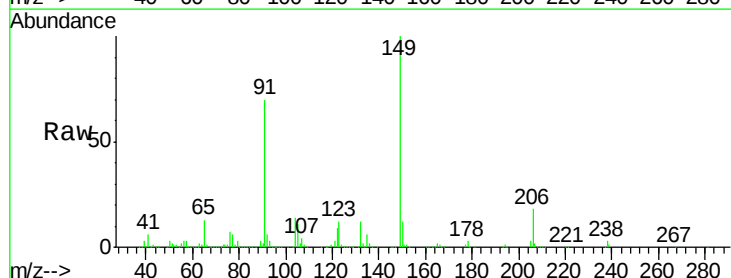
Tgt Ion:149 Resp: 401618

Ion Ratio Lower Upper

149 100

91 69.9 56.8 85.2

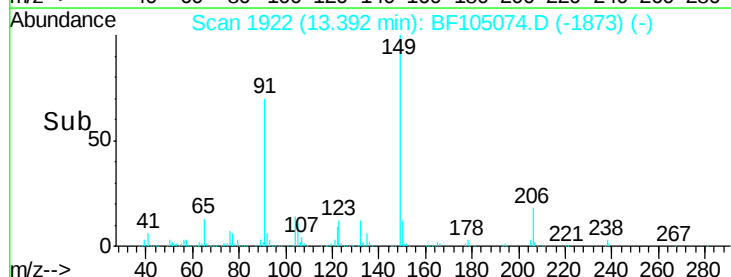
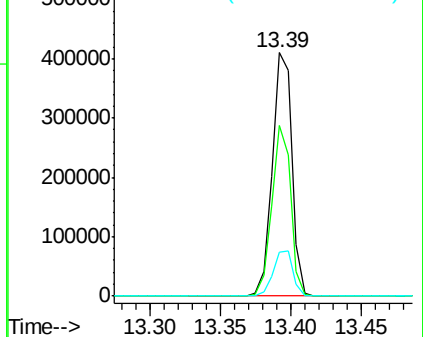
206 17.9 14.1 21.1

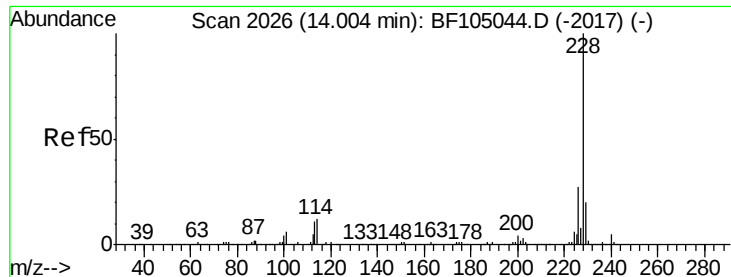


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

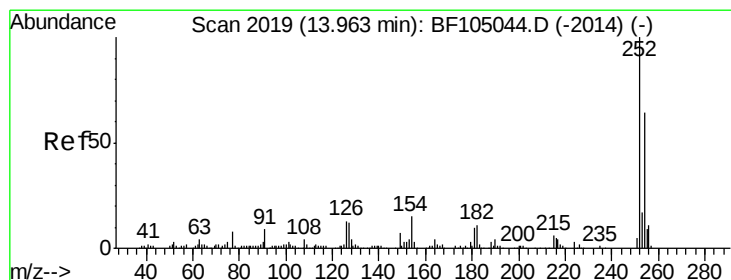
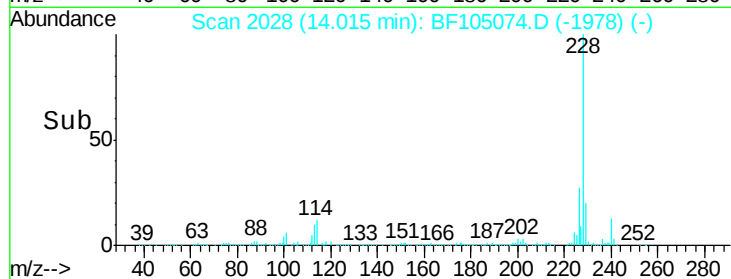
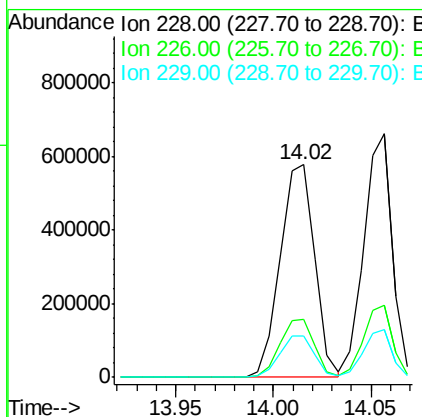
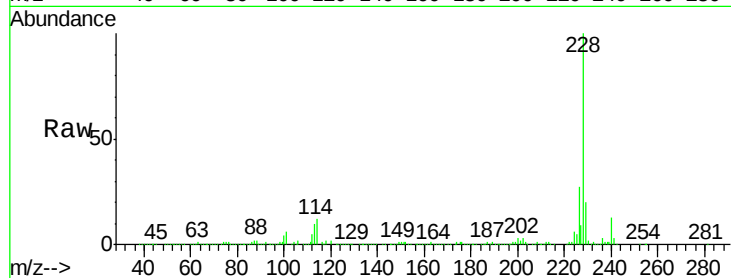




#80
Benzo(a)anthracene
Concen: 39.19 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

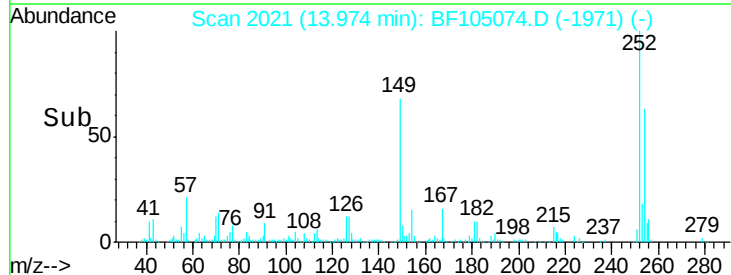
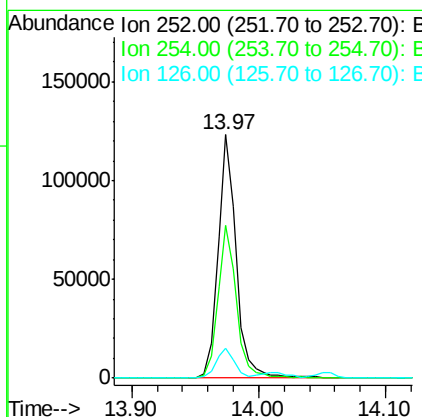
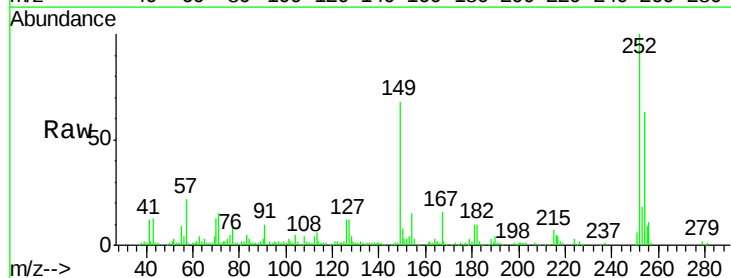
Instrument :
BNA_F
ClientSampleId :

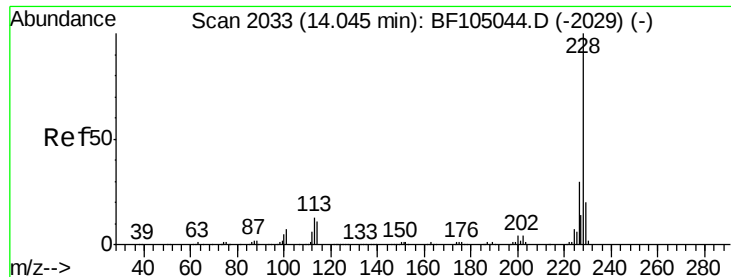
Tot Ion:228 Resp: 704966
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 18.57 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





#82

Chrysene

Concen: 36.38 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

ClientSampled :

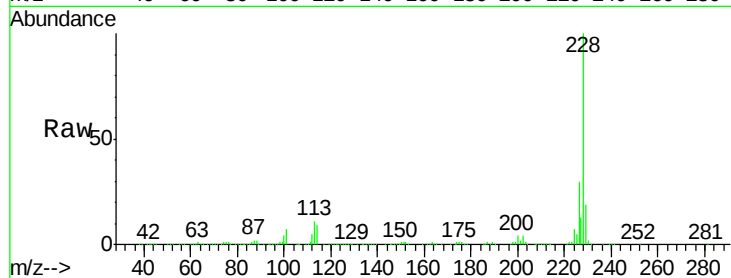
Tot Ion:228 Resp: 672302

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

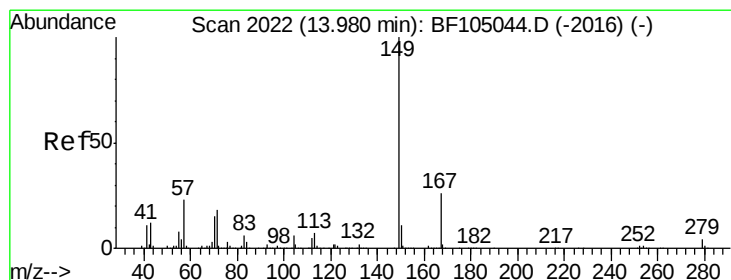
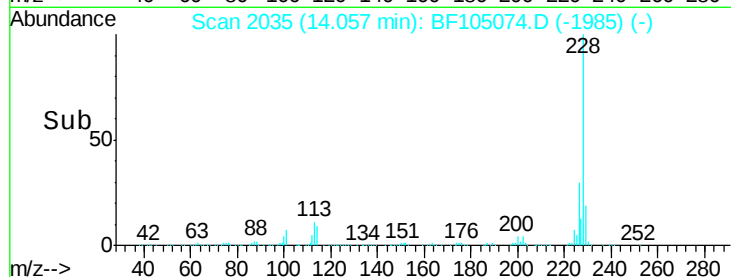
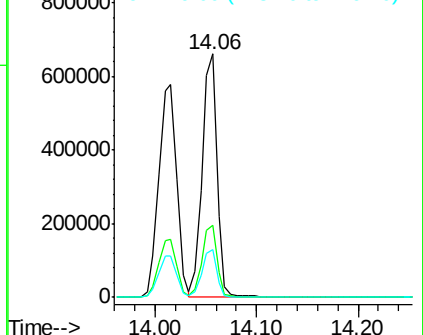
229 19.5 16.2 24.4



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: 40.59 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105074.D

Acq: 3 May 2018 16:00

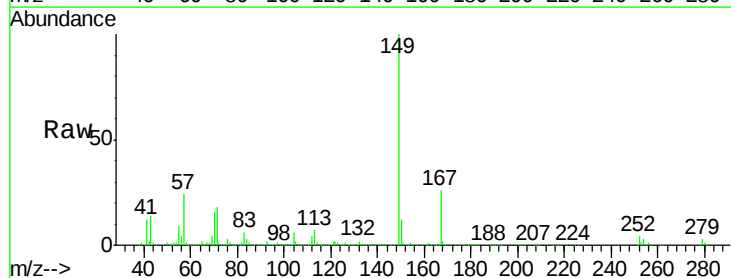
Tgt Ion:149 Resp: 549057

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

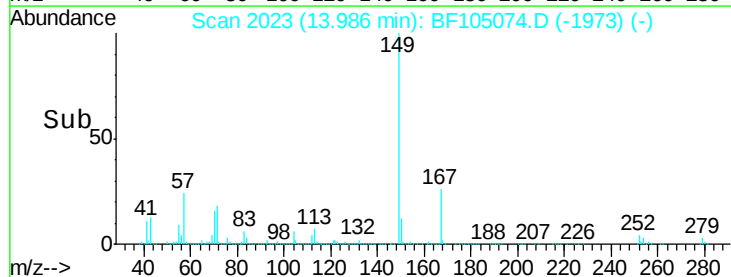
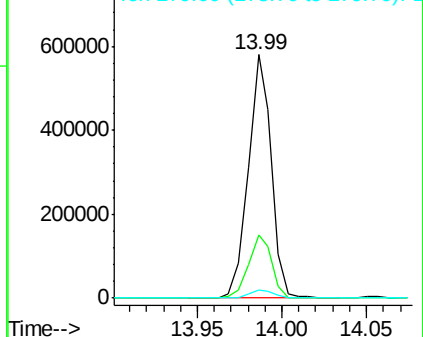
279 3.2 3.0 4.4

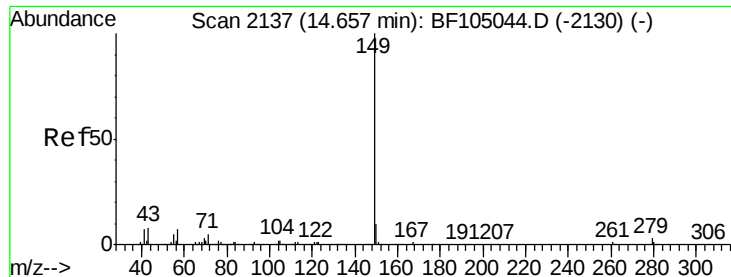


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

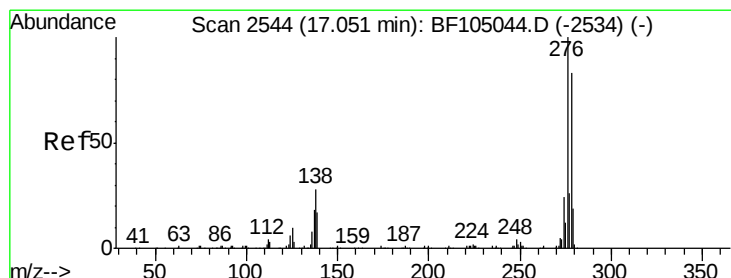
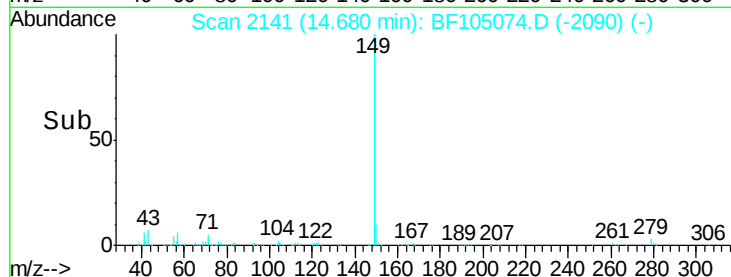
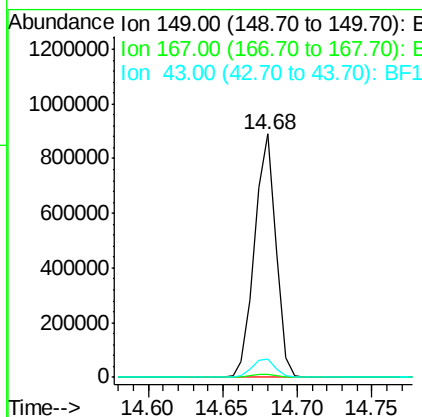
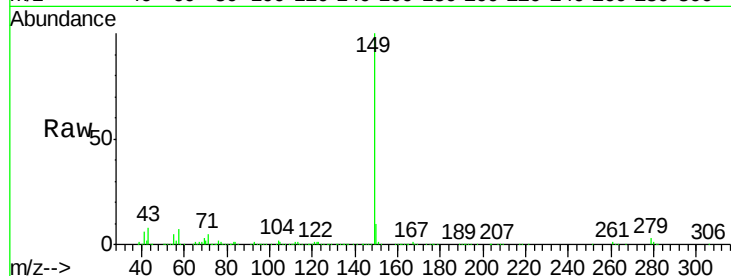




#84
Di-n-octyl phthalate
Concen: 38.54 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

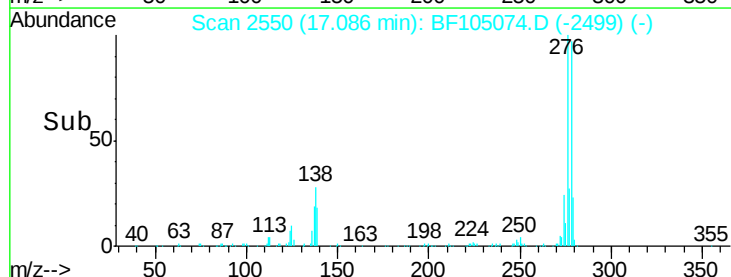
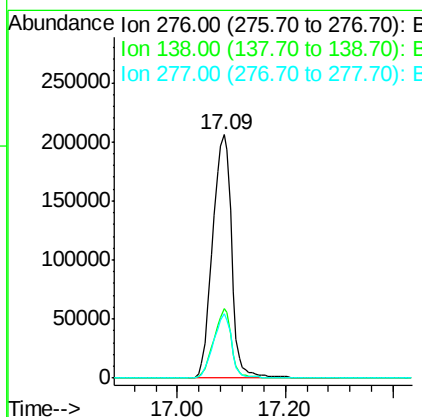
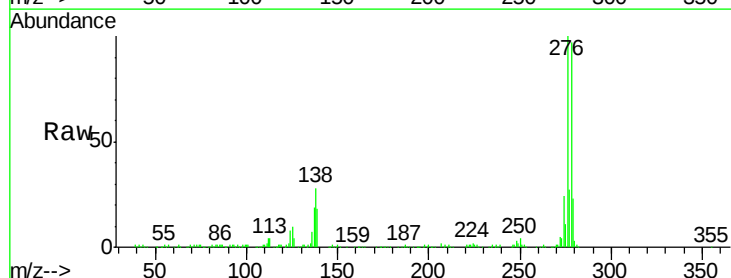
Instrument :
BNA_F
ClientSampleId :

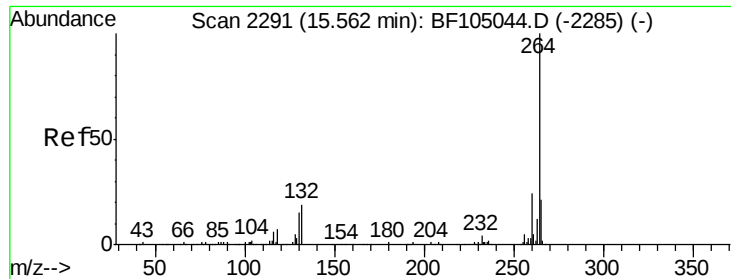
Tot Ion:149 Resp: 870953
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 32.36 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:276 Resp: 508038
Ion Ratio Lower Upper
276 100
138 26.5 25.0 37.6
277 25.4 20.1 30.1

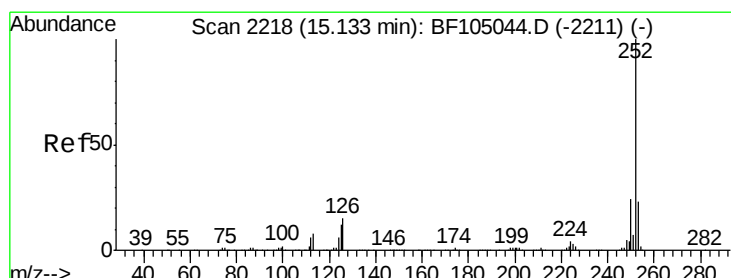
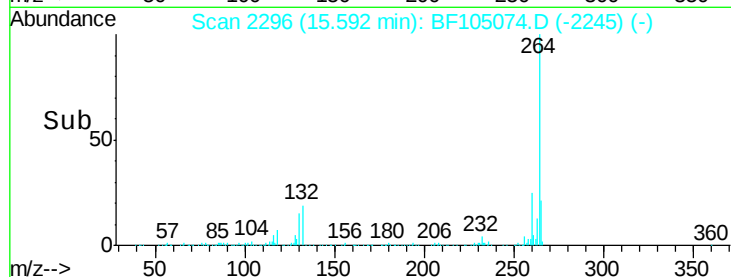
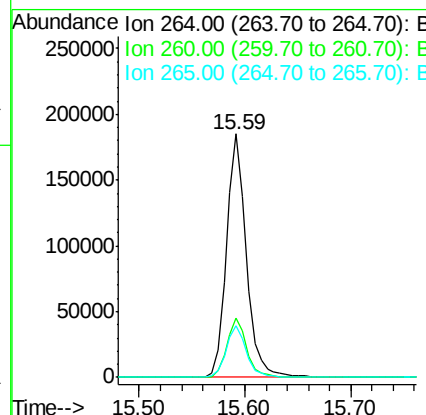
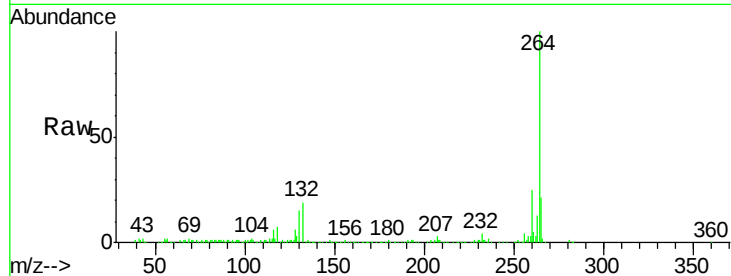




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

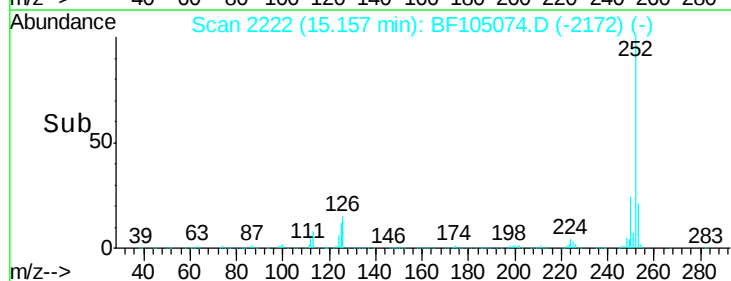
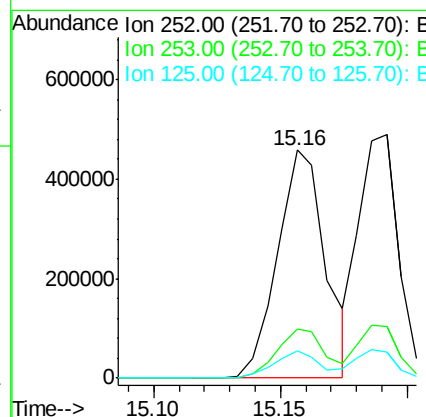
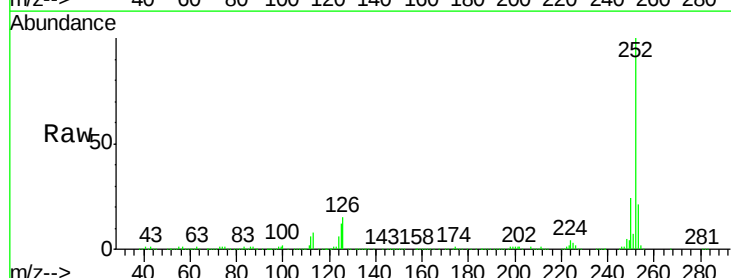
Instrument :
BNA_F
ClientSampled :

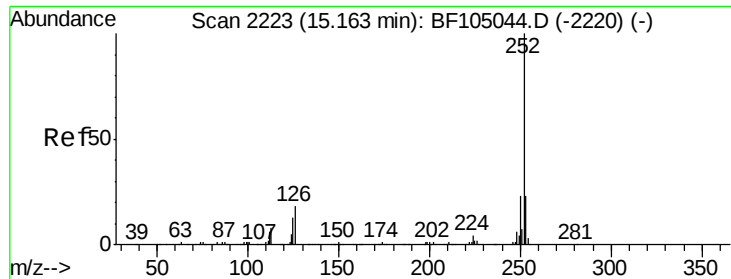
Tot Ion:264 Resp: 242054
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 39.58 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

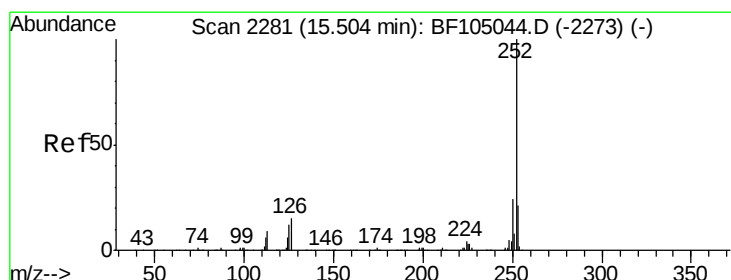
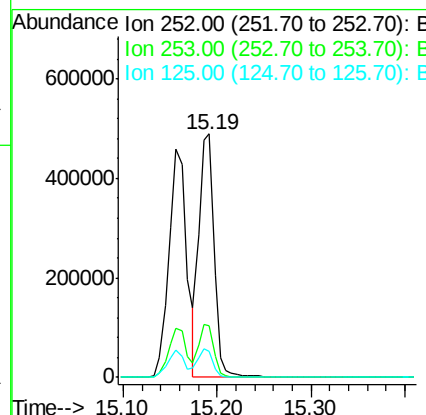
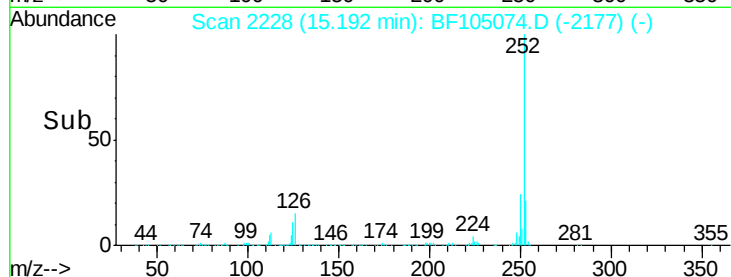
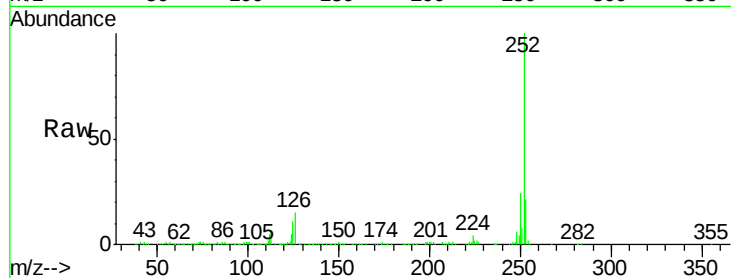




#88
Benzo(k)fluoranthene
Concen: 37.73 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

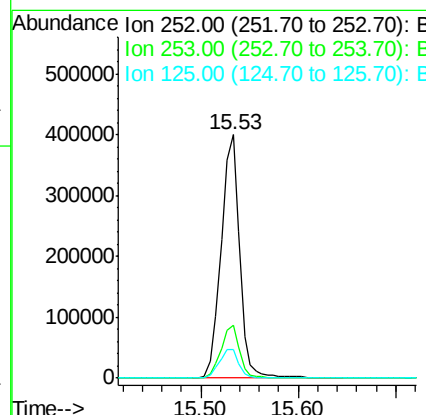
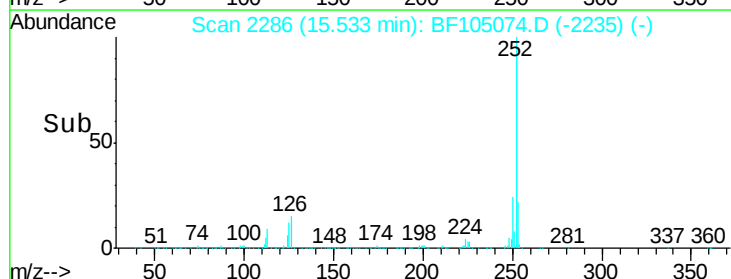
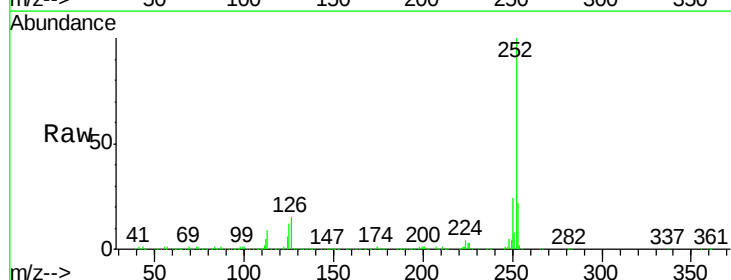
Instrument :
BNA_F
ClientSampleId :

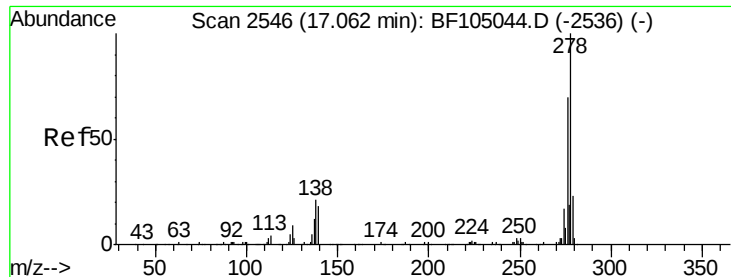
Tot Ion:252 Resp: 544507
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 10.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 38.71 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

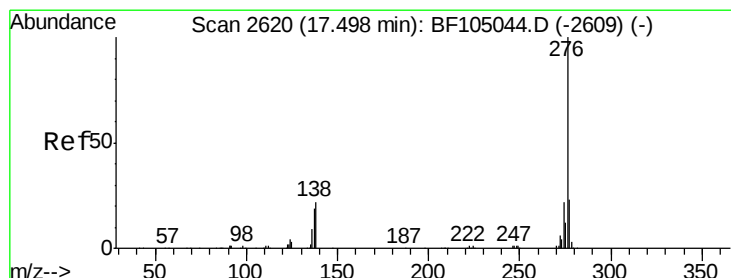
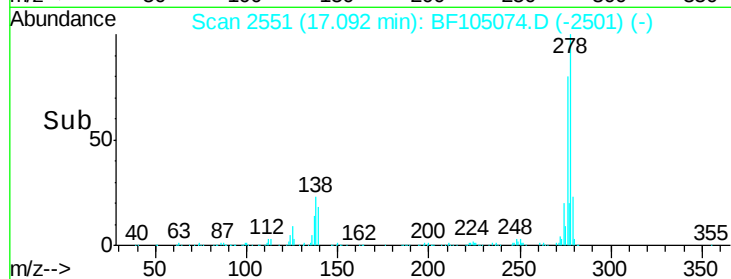
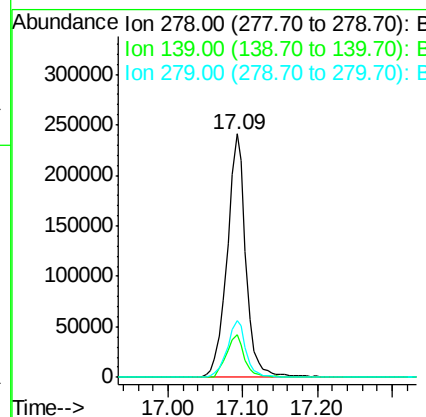
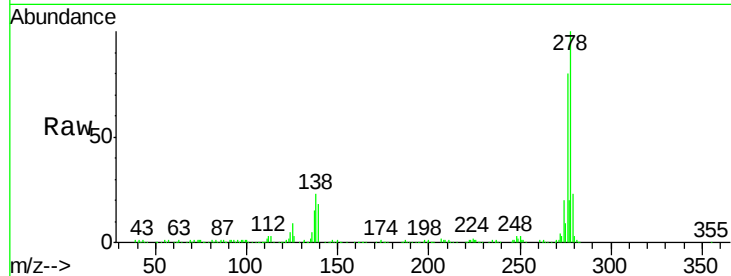




#90
Dibenzo(a,h)anthracene
Concen: 37.72 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF105074.D
Acq: 3 May 2018 16:00

Instrument :
BNA_F
ClientSampleId :

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: 38.96 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

