

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105083.D
 Acq On : 3 May 2018 20:04
 Operator : JU/SJ
 Sample : J2667-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:57:53 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	101862	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	438331	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	201589	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	337127	20.00	ng	0.00
75) Chrysene-d12	13.99	240	199113	20.00	ng	-0.04
86) Perylene-d12	15.53	264	182835	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	665113	99.84	ng	0.00
7) Phenol-d6	6.44	99	777684	95.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	483548	72.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	207807	99.38	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	928577	72.77	ng	-0.02
78) Terphenyl-d14	12.90	244	776086	88.86	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	71424	23.01	ng	88
3) Pyridine	3.28	79	180716	20.71	ng	# 88
4) n-Nitrosodimethylamine	3.23	42	74036	24.27	ng	82
6) Aniline	6.45	93	212373	18.68	ng	# 1
8) 2-Chlorophenol	6.57	128	250071	35.57	ng	91
9) Benzaldehyde	6.33	77	150044	34.68	ng	97
10) Phenol	6.45	94	306021	35.24	ng	# 72
11) bis(2-Chloroethyl)ether	6.52	93	236898	34.18	ng	91
12) 1,3-Dichlorobenzene	6.72	146	254578	31.96	ng	99
13) 1,4-Dichlorobenzene	6.80	146	263298	33.16	ng	98
14) 1,2-Dichlorobenzene	6.95	146	241251	32.79	ng	98
15) Benzyl Alcohol	6.93	79	183773	29.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	251187	26.99	ng	# 1
17) 2-Methylphenol	7.06	107	197549	32.32	ng	# 86
18) Hexachloroethane	7.28	117	93243	32.94	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	160681	30.04	ng	91
20) 3+4-Methylphenols	7.21	107	263408	34.75	ng	97
22) Acetophenone	7.19	105	337325	31.26	ng	94
24) Nitrobenzene	7.37	77	244395	32.98	ng	99
25) Isophorone	7.60	82	445695	31.40	ng	98
26) 2-Nitrophenol	7.69	139	137161	45.46	ng	92
27) 2,4-Dimethylphenol	7.73	122	214003	34.16	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	287723	33.15	ng	99
29) 2,4-Dichlorophenol	7.94	162	212784	35.60	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	218713	33.34	ng	97
31) Naphthalene	8.09	128	712637	32.65	ng	100
32) Benzoic acid	7.85	122	42402	8.48	ng	99
33) 4-Chloroaniline	8.15	127	91930	9.83	ng	95
34) Hexachlorobutadiene	8.19	225	120312	33.48	ng	99
35) Caprolactam	8.52	113	62616	30.03	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	220311	34.37	ng	99
37) 2-Methylnaphthalene	8.78	142	472286	33.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	207869	36.02	ng	98
40) Hexachlorocyclopentadiene	8.92	237	105877	32.77	ng	98

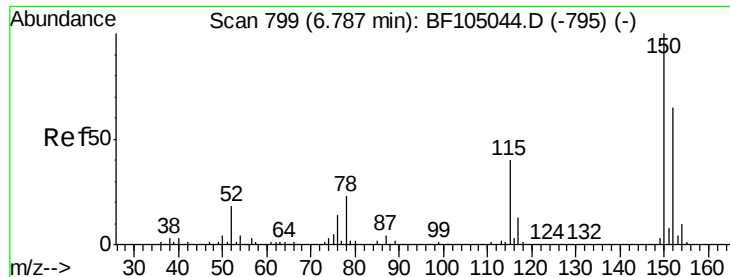
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	138508	34.58	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	140602	31.37	nq	93
45) 1,1'-Biphenyl	9.25	154	567085	33.49	nq	98
46) 2-Chloronaphthalene	9.27	162	447117	33.43	nq	99
47) 2-Nitroaniline	9.38	65	122475	37.02	nq	95
48) Acenaphthylene	9.69	152	631276	30.08	nq	99
49) Dimethylphthalate	9.55	163	607340	38.20	nq	99
50) 2,6-Dinitrotoluene	9.62	165	112557	38.26	nq	99
51) Acenaphthene	9.86	154	379724	29.65	nq	99
52) 3-Nitroaniline	9.79	138	60730	17.64	nq	98
53) 2,4-Dinitrophenol	9.91	184	78989	69.40	nq	# 19
54) Dibenzofuran	10.03	168	557286	31.23	nq	95
55) 4-Nitrophenol	9.99	139	112288	41.51	nq	91
56) 2,4-Dinitrotoluene	10.03	165	137563	35.65	nq	# 90
57) Fluorene	10.37	166	451536	34.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	112561	33.66	nq	92
59) Diethylphthalate	10.25	149	499393	31.54	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	212955	36.81	nq	94
61) 4-Nitroaniline	10.42	138	100433	29.83	nq	94
62) Azobenzene	10.52	77	434206	28.71	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	66595	41.70	nq	# 78
65) n-Nitrosodiphenylamine	10.49	169	394884	33.78	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	129427	36.09	nq	92
67) Hexachlorobenzene	10.92	284	138353	34.29	nq	# 87
68) Atrazine	11.02	200	112911	32.00	nq	98
69) Pentachlorophenol	11.13	266	111960	44.85	nq	98
70) Phenanthrene	11.34	178	618687	32.95	nq	99
71) Anthracene	11.39	178	623717	32.68	nq	99
72) Carbazole	11.55	167	559476	30.00	nq	99
73) Di-n-butylphthalate	11.87	149	741673	32.56	nq	99
74) Fluoranthene	12.53	202	593598	30.26	nq	95
76) Benzidine	12.66	184	70263	6.08	nq	98
77) Pyrene	12.76	202	572777	38.81	nq	99
79) Butylbenzylphthalate	13.38	149	267403	38.46	nq	95
80) Benzo(a)anthracene	13.98	228	424237	35.66	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	80023	18.04	nq	99
82) Chrysene	14.02	228	406069	33.23	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	363857	40.68	nq	100
84) Di-n-octyl phthalate	14.63	149	547753	36.65	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.01	276	372324	35.87	nq	95
87) Benzo(b)fluoranthene	15.10	252	365395	31.64	nq	99
88) Benzo(k)fluoranthene	15.13	252	358032	32.84	nq	97
89) Benzo(a)pyrene	15.47	252	346293	33.52	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	315863	37.22	nq	96
91) Benzo(g,h,i)perylene	17.45	276	304940	37.09	nq	95

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

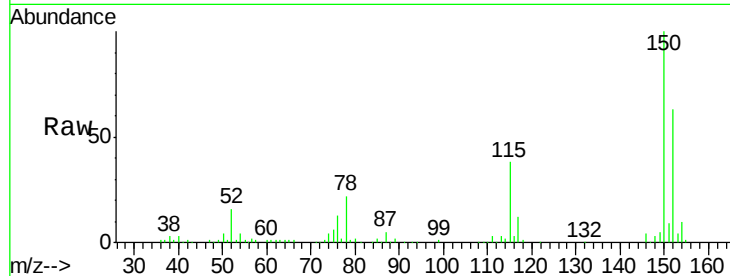


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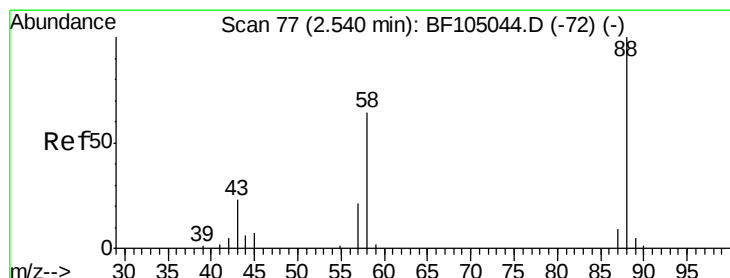
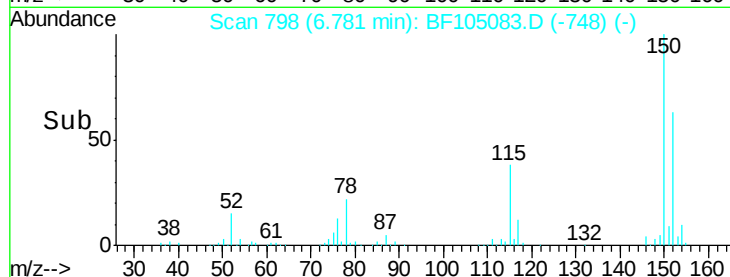
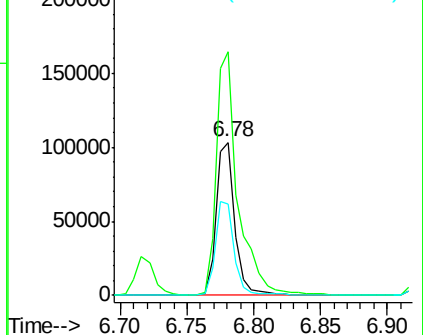
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101862
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.1 50.1 75.1



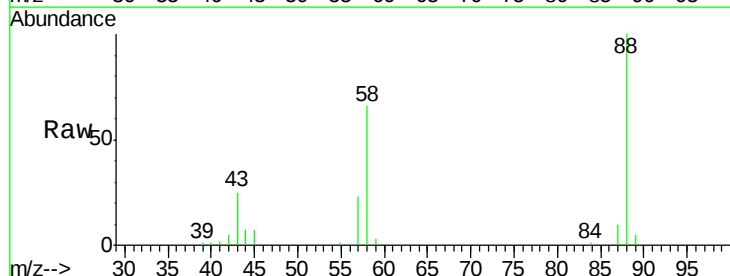
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



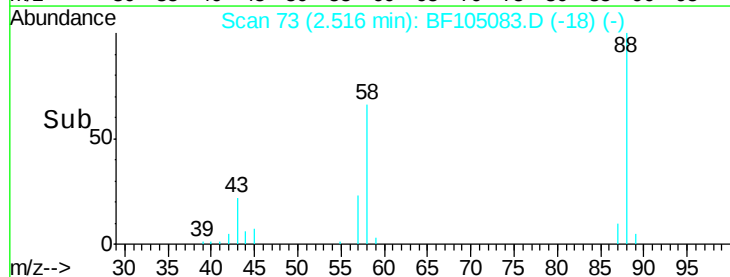
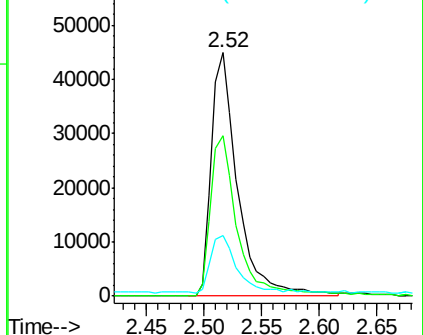
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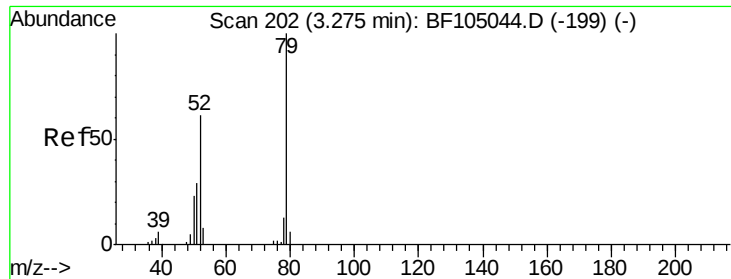
1,4-Dioxane
Concen: 23.01 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 88 Resp: 71424
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 24.6 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

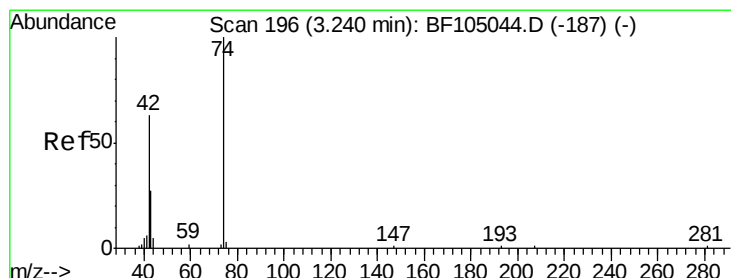
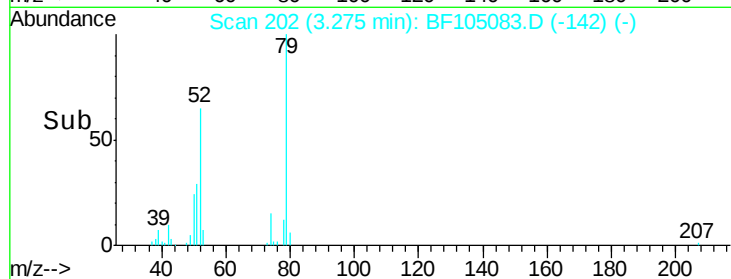
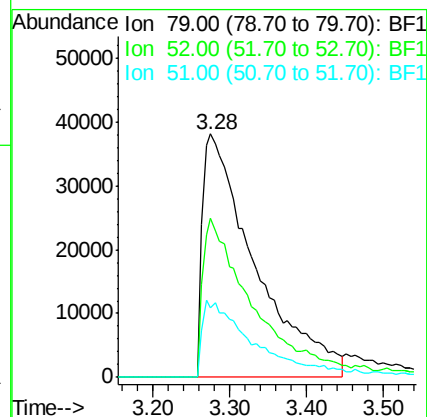
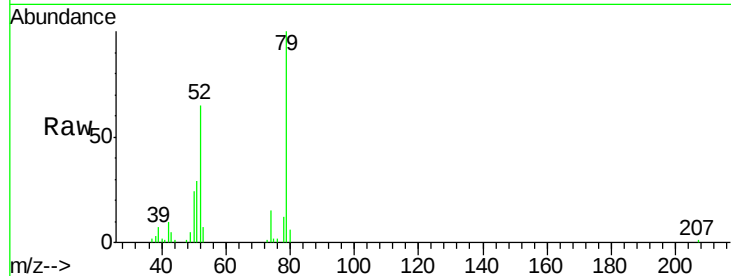




#3
 Pvridine
 Concen: 20.71 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.05 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

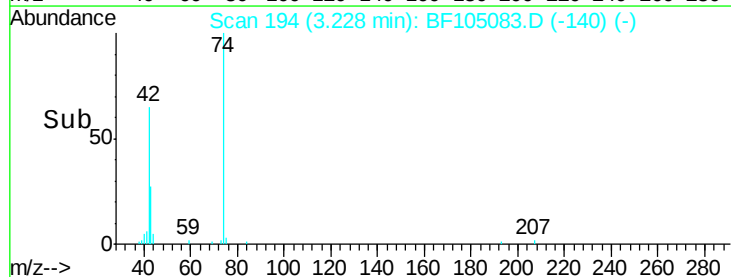
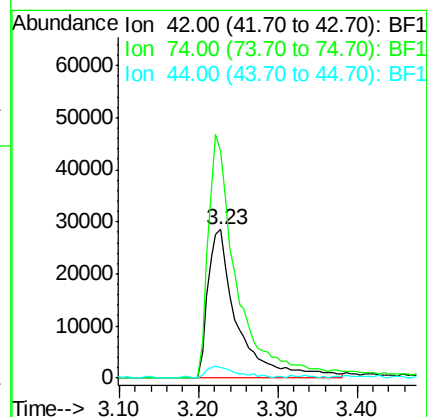
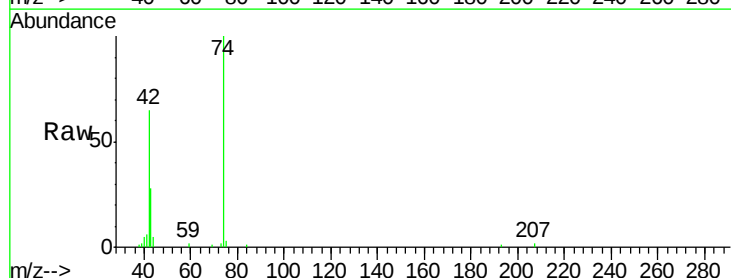
Instrument :
 BNA_F
 ClientSampleId :

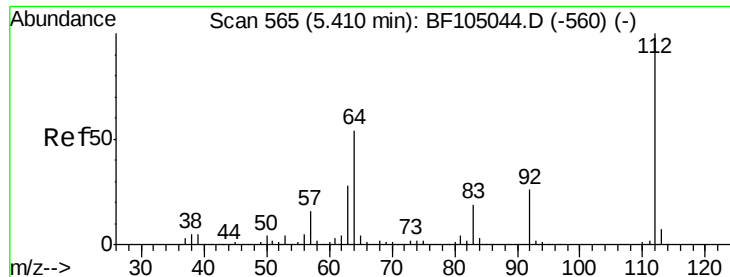
Tot Ion	79	Resp	180716
Ion Ratio	Lower	Upper	
79	100		
52	65.3	59.8	89.6
51	28.7	29.8	44.8#



#4
 n-Nitrosodimethylamine
 Concen: 24.27 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion	42	Resp	74036
Ion Ratio	Lower	Upper	
42	100		
74	153.0	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 99.84 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105083.D

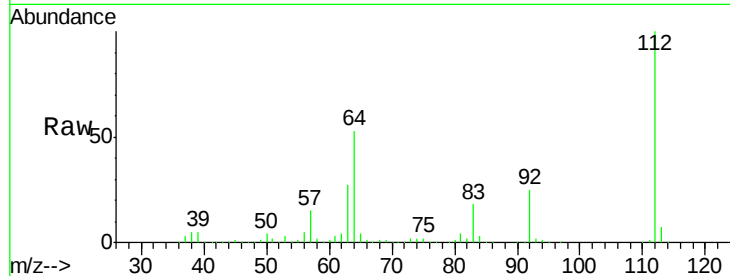
Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampled :

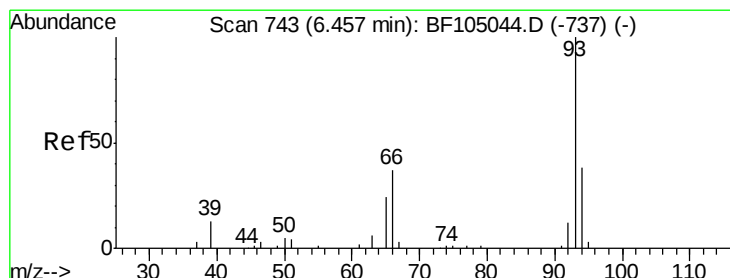
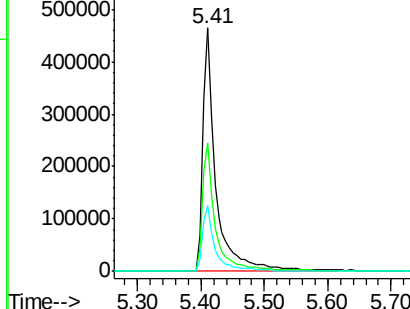
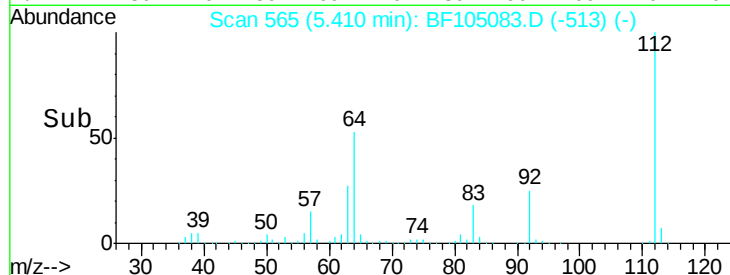
Tot Ion:112	Resp:	665113
Ion Ratio	Lower	Upper
112	100	
64	52.7	47.9 71.9
63	27.2	23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.68 ng

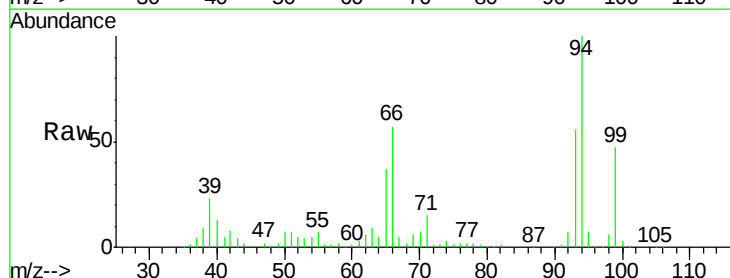
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

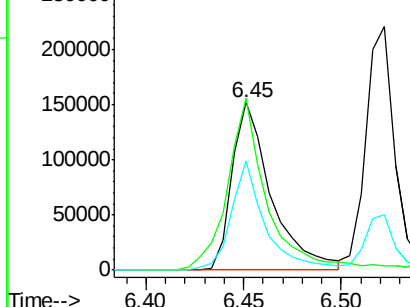
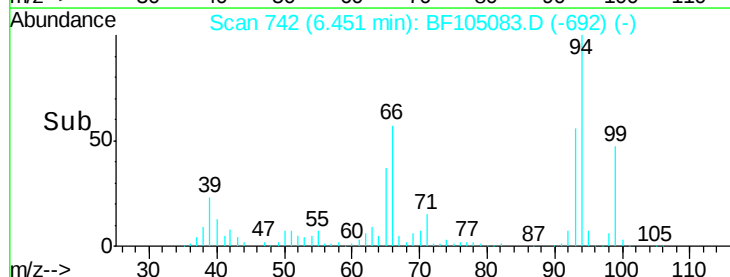
Tgt Ion: 93	Resp:	212373
Ion Ratio	Lower	Upper
93	100	
66	102.8	32.2 48.2#
65	65.5	16.4 24.6#

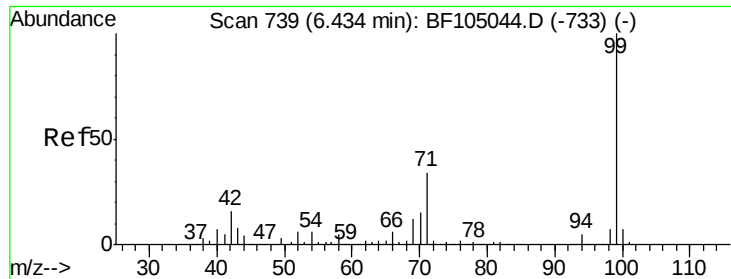


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.01 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

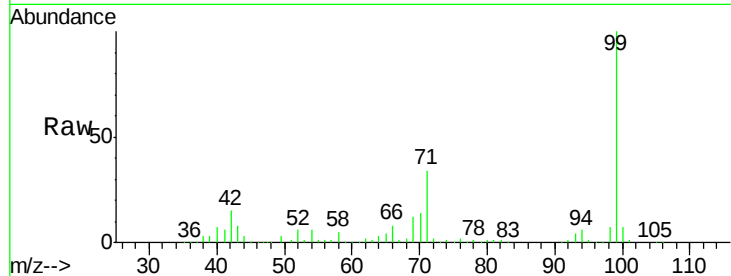
Tot Ion: 99 Resp: 777684

Ion Ratio Lower Upper

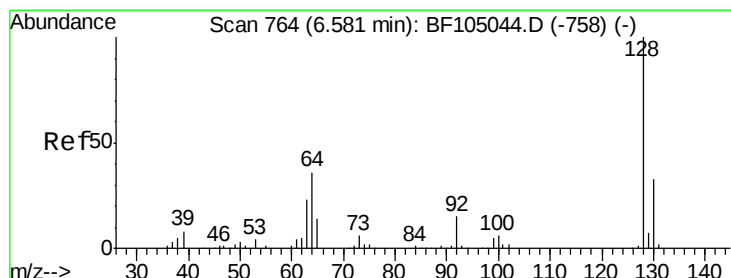
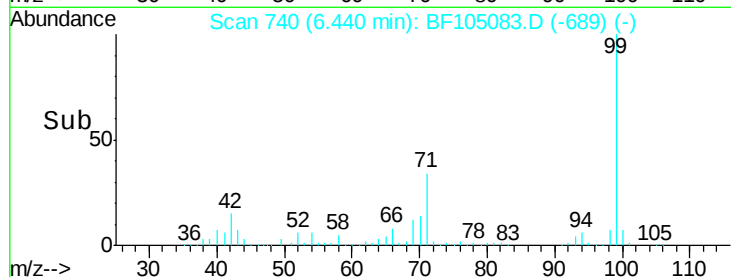
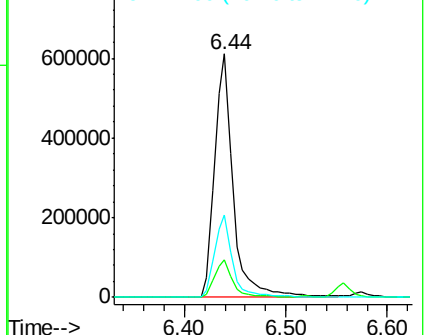
99 100

42 15.3 14.5 21.7

71 34.0 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: 35.57 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

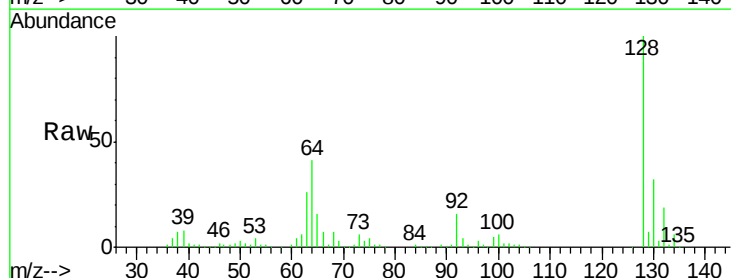
Tgt Ion: 128 Resp: 250071

Ion Ratio Lower Upper

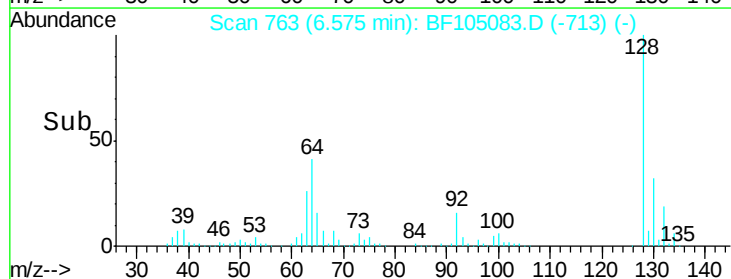
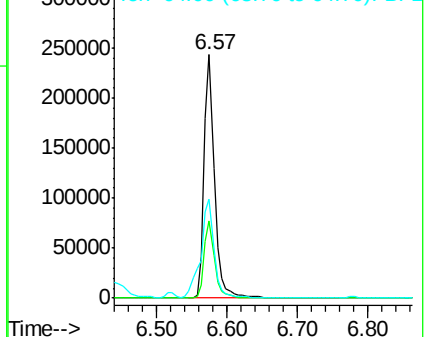
128 100

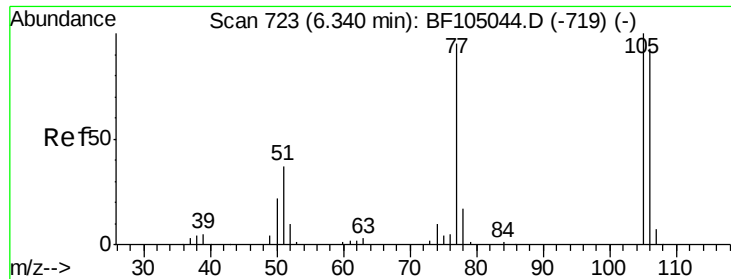
130 32.0 13.0 53.0

64 40.5 29.4 69.4



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

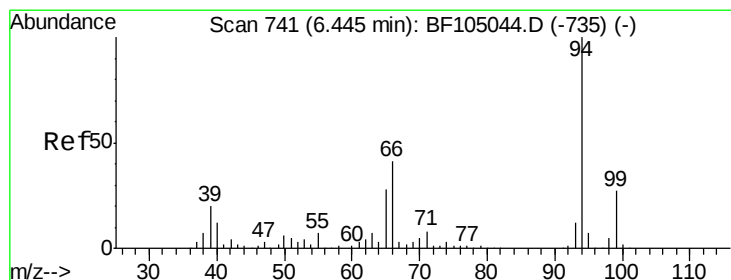
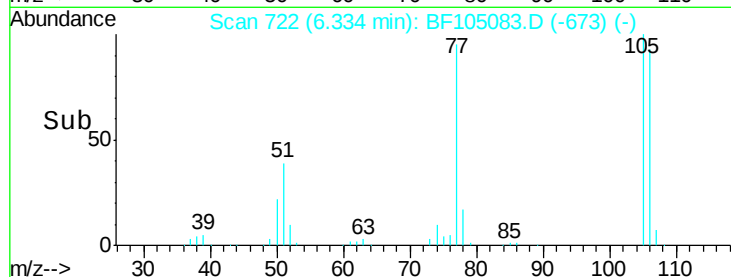
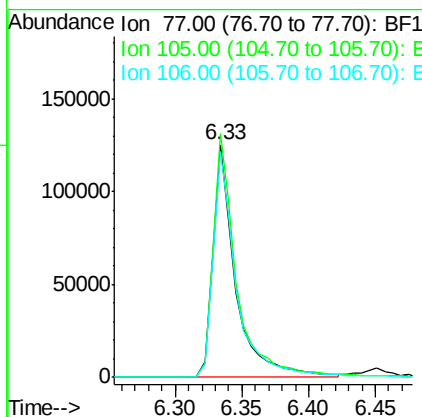
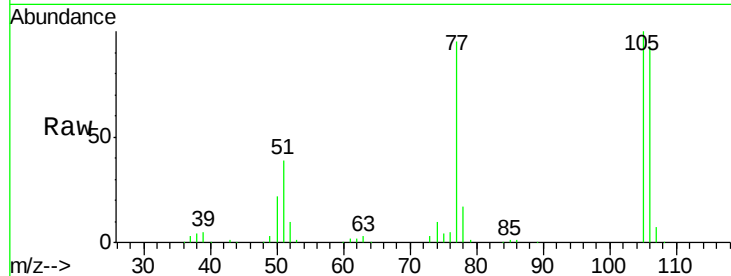




#9
Benzaldehyde
Concen: 34.68 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

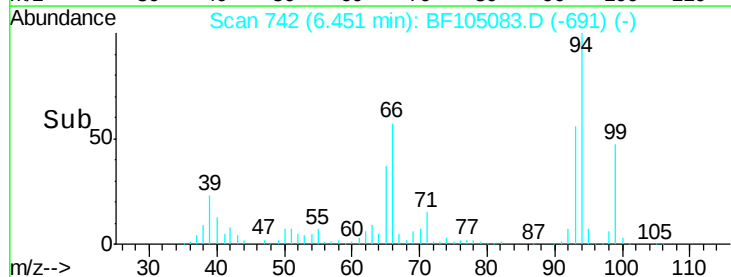
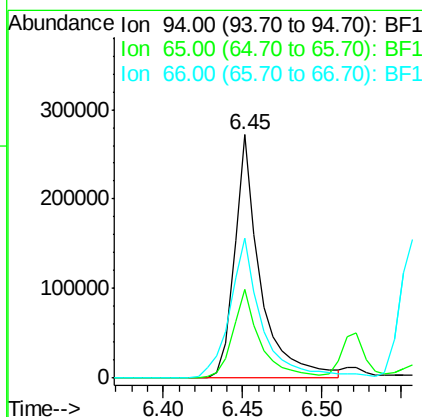
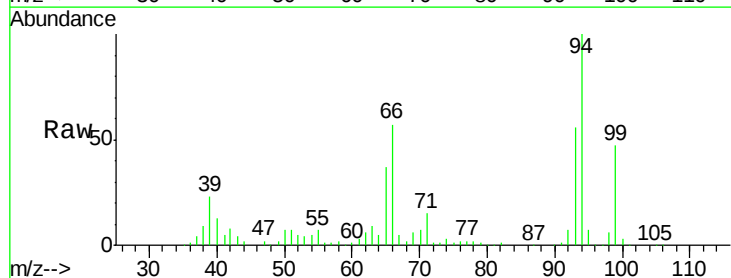
Instrument :
BNA_F
ClientSampleId :

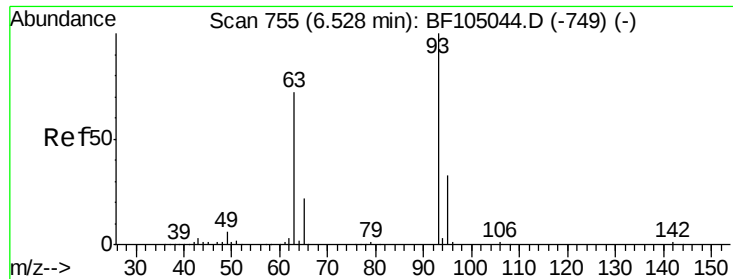
Tot Ion: 77 Resp: 150044
Ion Ratio Lower Upper
77 100
105 104.8 81.1 121.1
106 97.0 74.5 114.5



#10
Phenol
Concen: 35.24 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 94 Resp: 306021
Ion Ratio Lower Upper
94 100
65 36.6 7.9 47.9
66 57.4 16.2 56.2#



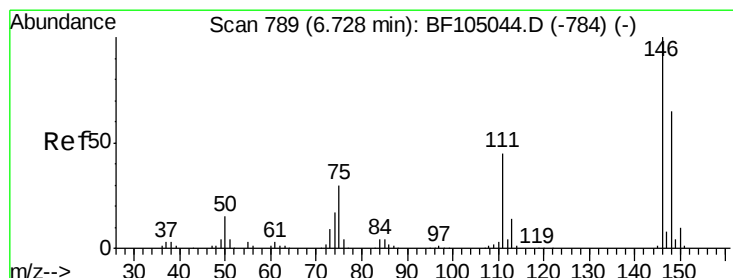
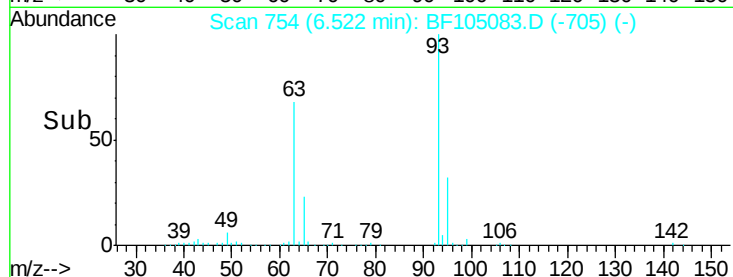
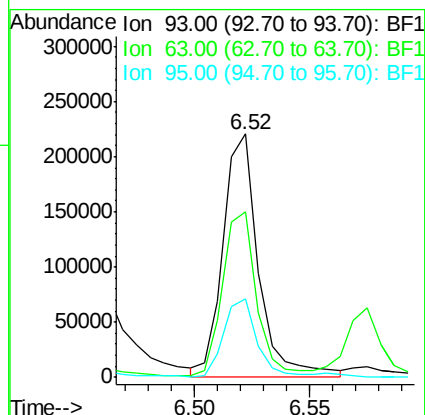
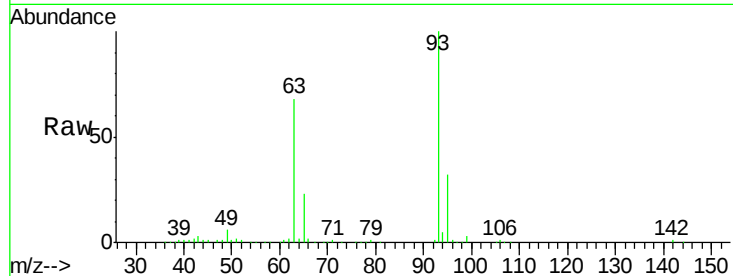


#11

bis(2-Chloroethyl)ether
Concen: 34.18 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampled :

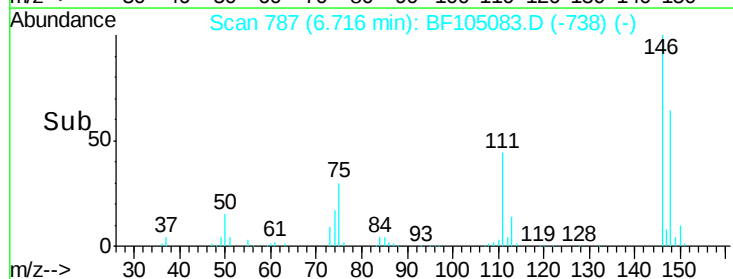
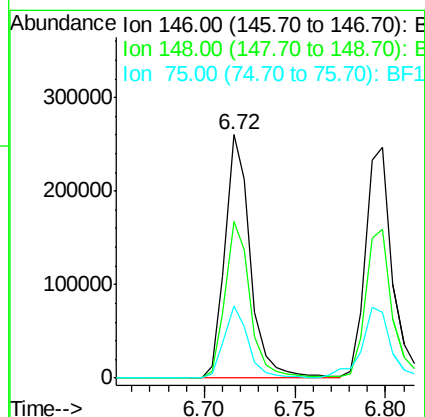
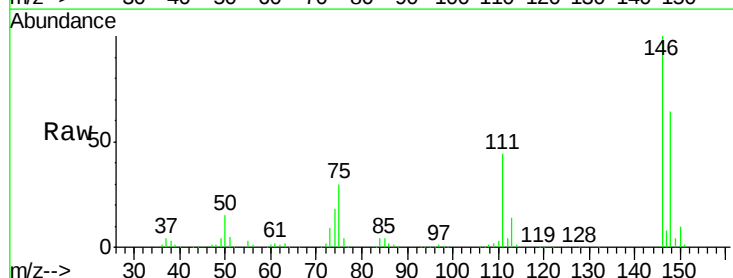
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.1	58.6	98.6
95	32.3	11.8	51.8

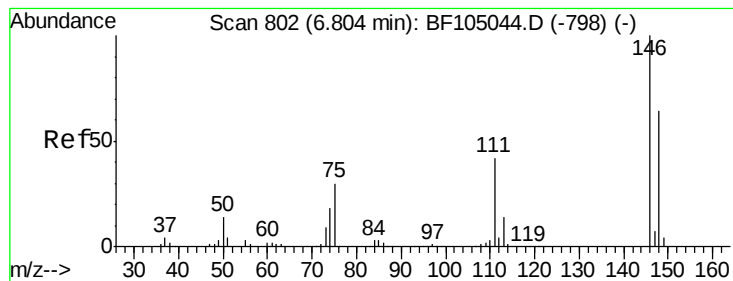


#12

1,3-Dichlorobenzene
Concen: 31.96 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.16 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

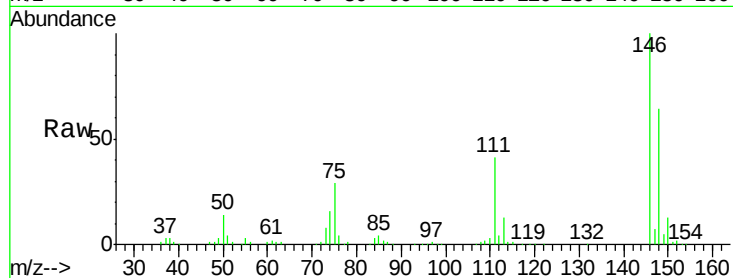
Tot Ion:146 Resp: 263298

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

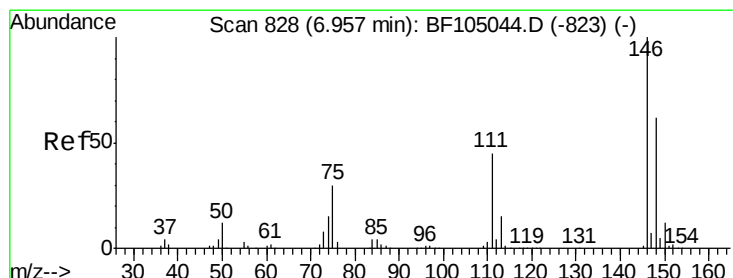
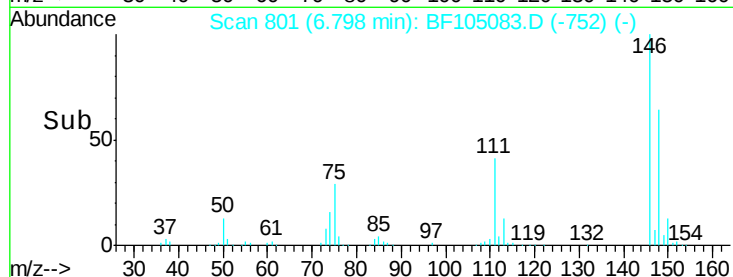
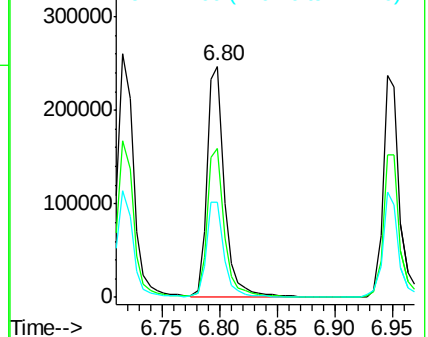
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.79 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

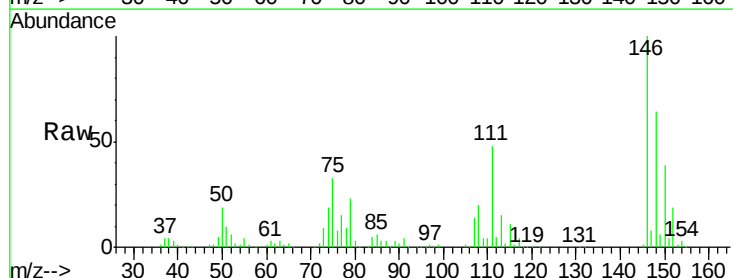
Tgt Ion:146 Resp: 241251

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

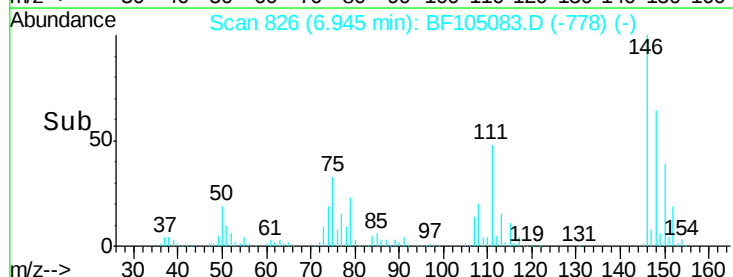
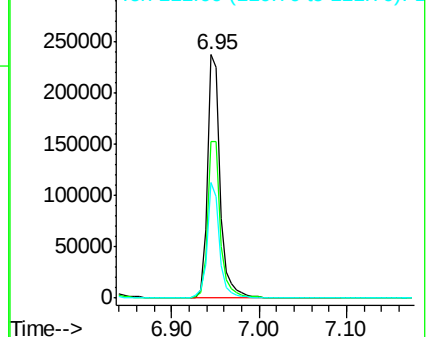
111 47.6 36.0 54.0

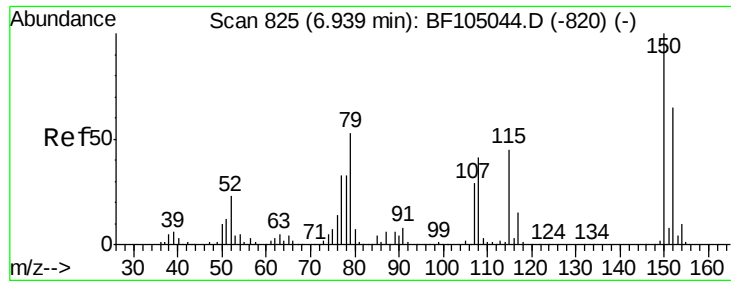


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

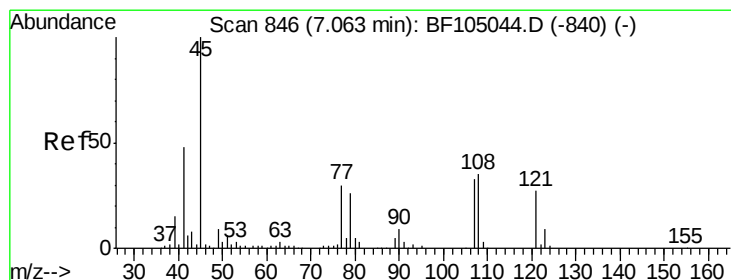
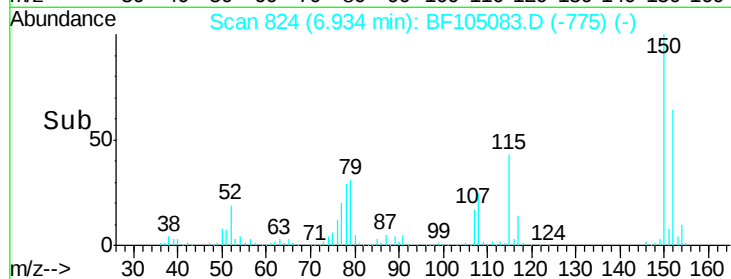
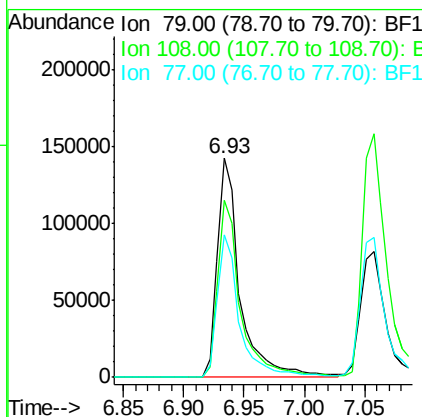
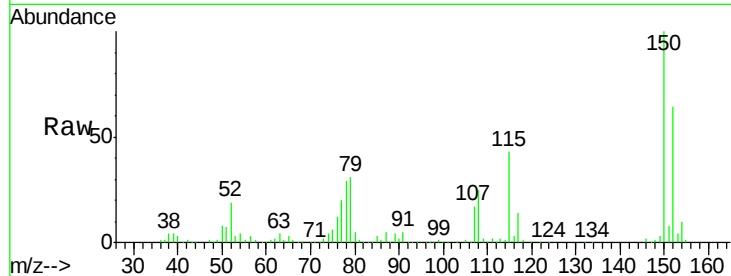




#15
Benzyl Alcohol
Concen: 29.56 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

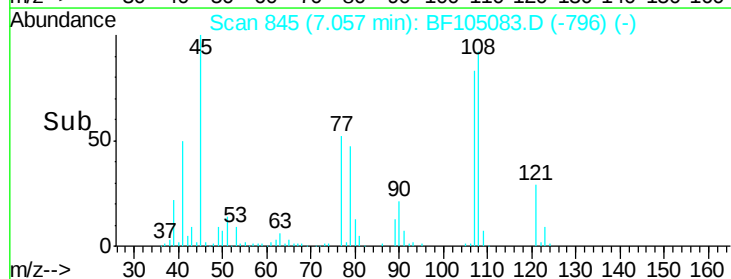
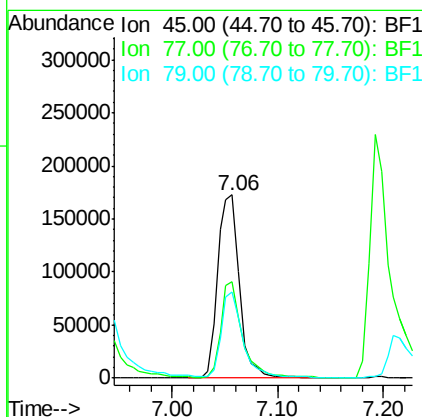
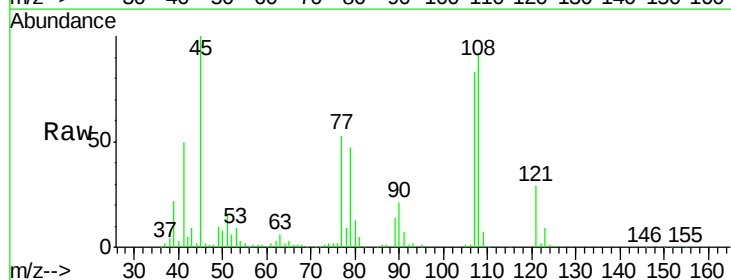
Instrument :
BNA_F
ClientSampled :

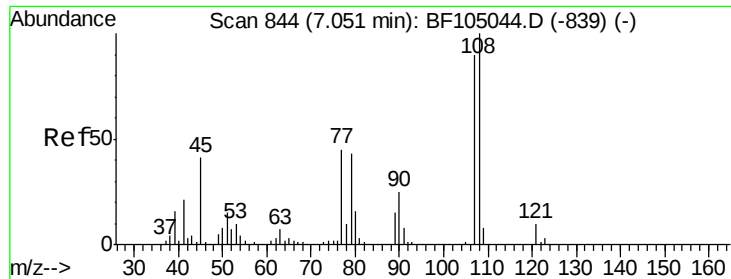
Tot Ion: 79 Resp: 183773
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 65.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.99 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 45 Resp: 251187
Ion Ratio Lower Upper
45 100
77 52.9 0.0 32.9#
79 47.3 0.0 29.6#

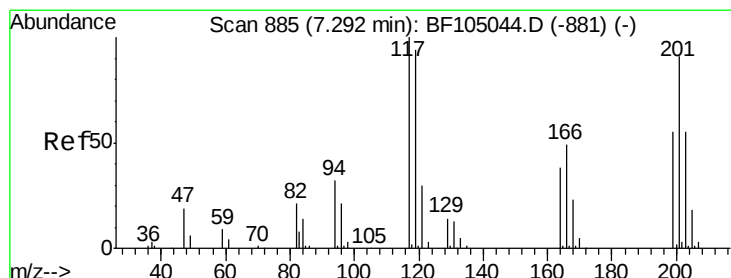
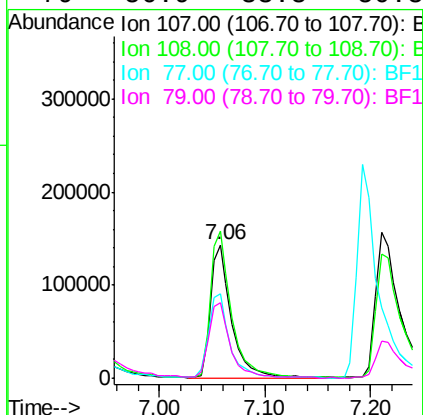
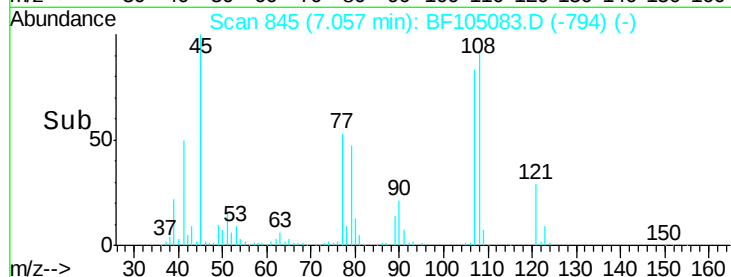
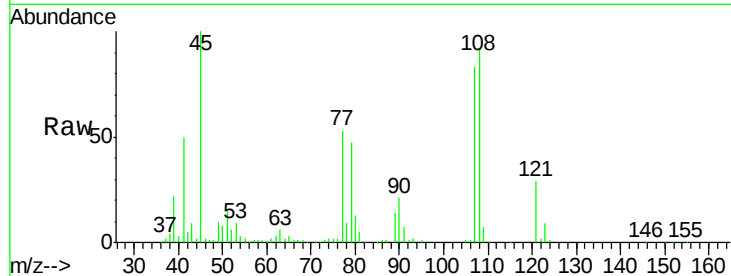




#17
2-Methylphenol
Concen: 32.32 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

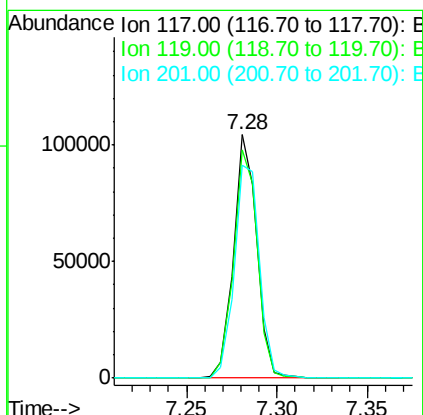
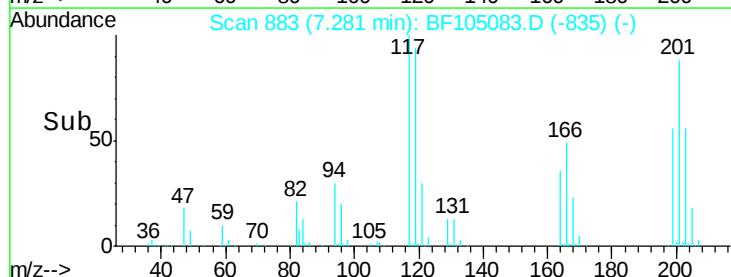
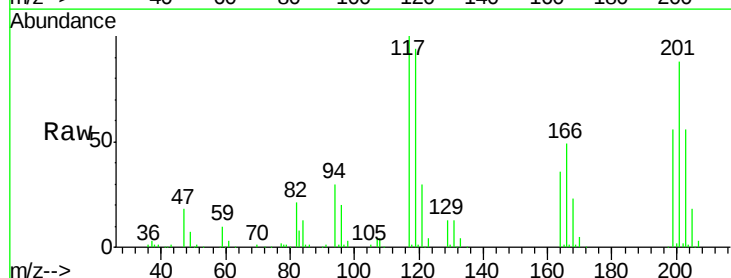
Instrument :
BNA_F
ClientSampleId :

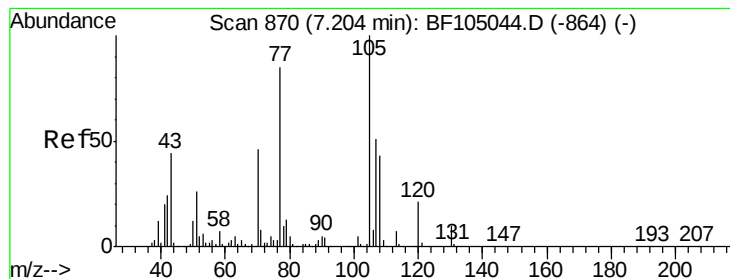
Tot Ion:107 Resp: 197549
Ion Ratio Lower Upper
107 100
108 110.4 91.7 137.5
77 63.6 33.8 50.8#
79 56.9 33.8 50.8#



#18
Hexachloroethane
Concen: 32.94 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:117 Resp: 93243
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
201 87.5 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 30.04 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 160681

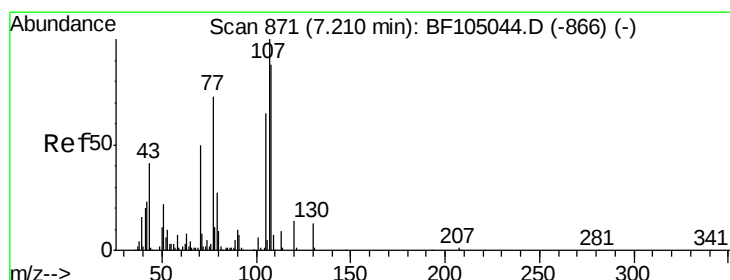
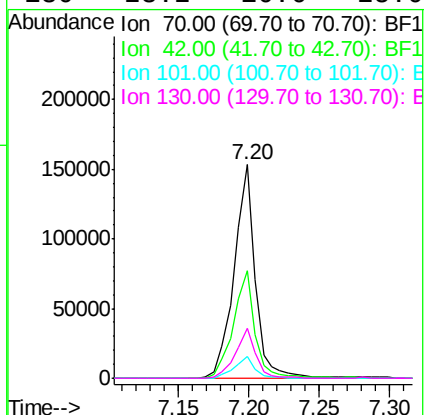
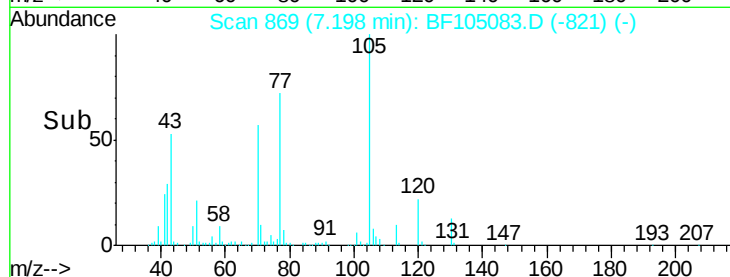
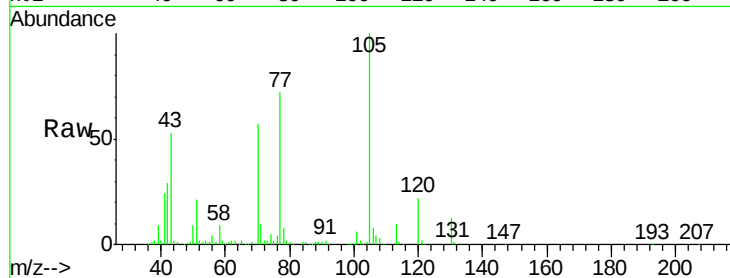
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 10.1 7.4 11.2

130 23.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 34.75 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Tgt Ion:107 Resp: 263408

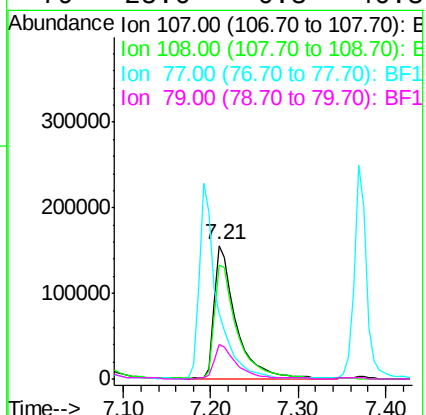
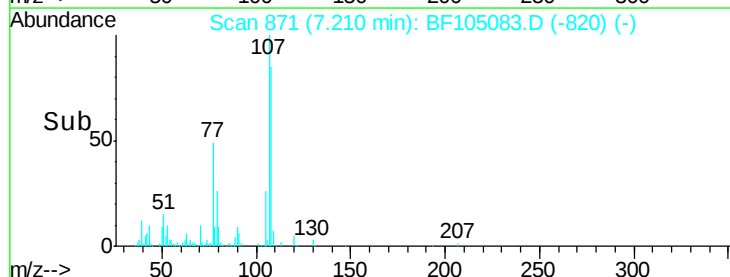
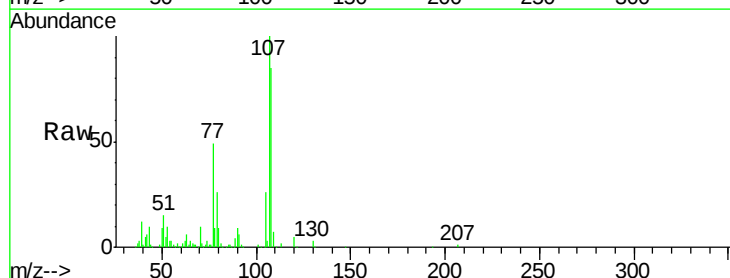
Ion Ratio Lower Upper

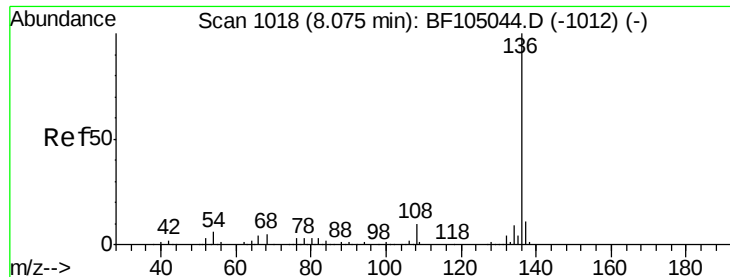
107 100

108 85.1 68.2 108.2

77 48.9 26.7 66.7

79 25.6 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: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438331

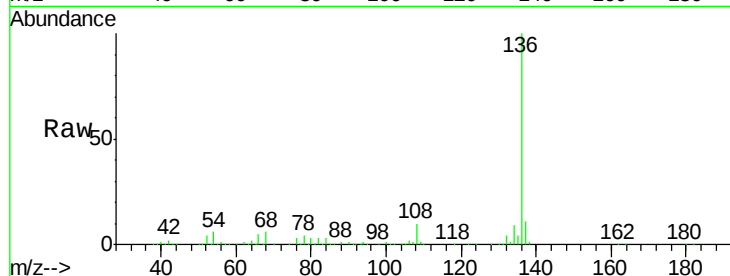
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 5.0 7.4

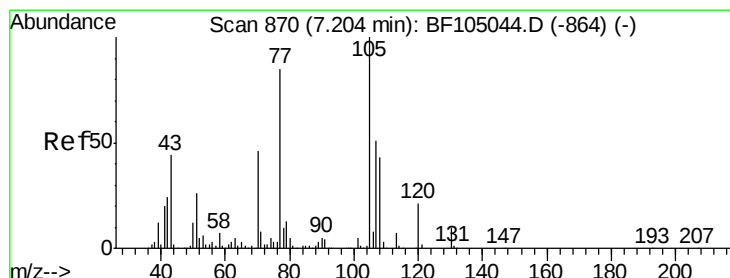
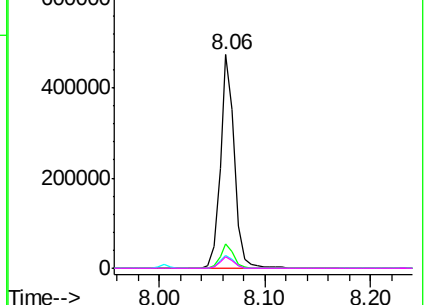
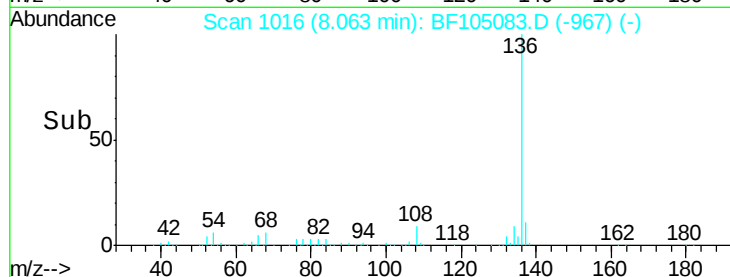


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.26 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Tgt Ion:105 Resp: 337325

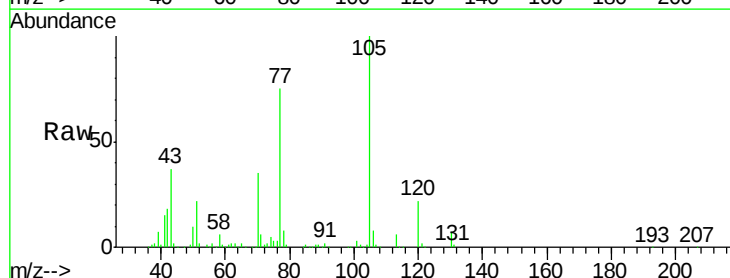
Ion Ratio Lower Upper

105 100

71 5.8 4.4 6.6

51 22.5 22.3 33.5

120 21.5 16.9 25.3

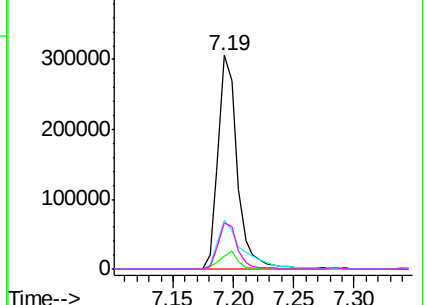
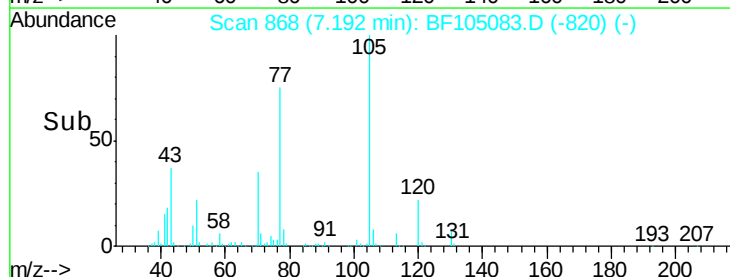


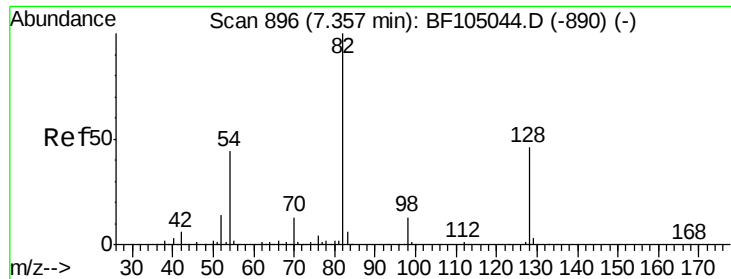
Abundance Ion 105.00 (104.70 to 105.70): E

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

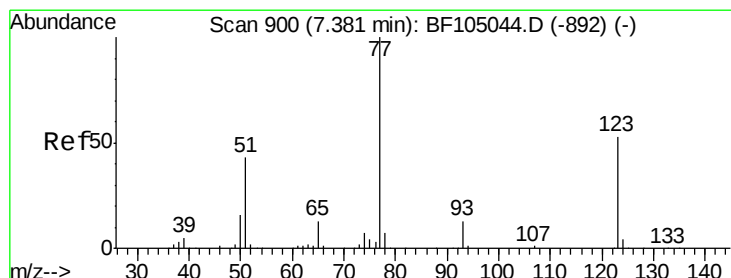
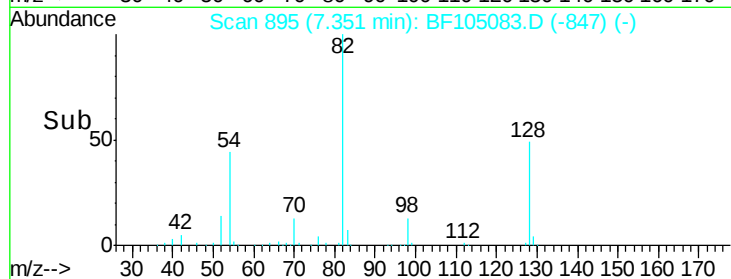
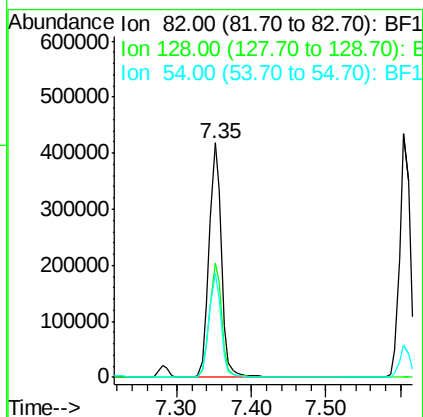
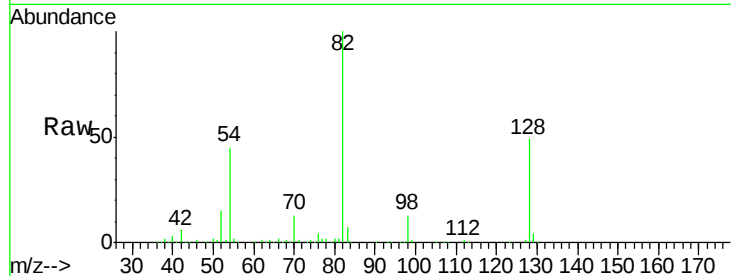




#23
Nitrobenzene-d5
Concen: 72.03 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

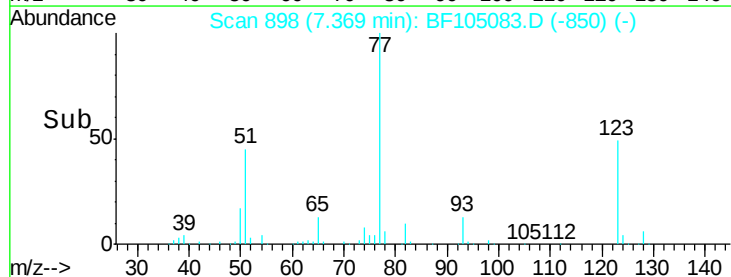
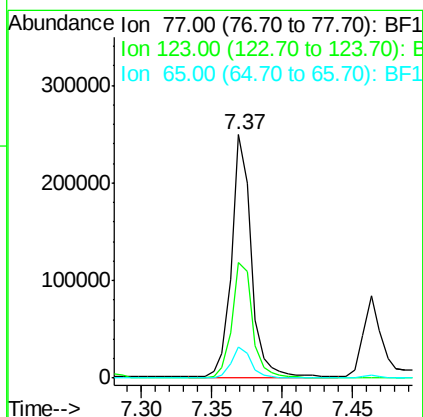
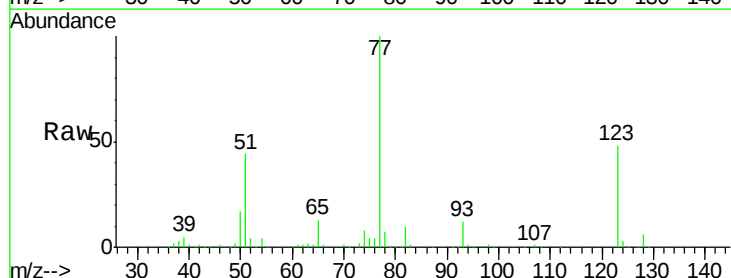
Instrument :
BNA_F
ClientSampleId :

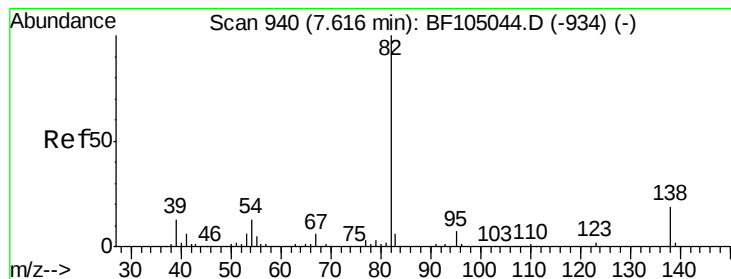
Tot Ion: 82 Resp: 483548
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 44.6 41.4 62.2



#24
Nitrobenzene
Concen: 32.98 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 77 Resp: 244395
Ion Ratio Lower Upper
77 100
123 47.6 37.9 56.9
65 12.9 11.0 16.4





#25

Isophorone

Concen: 31.40 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleID :

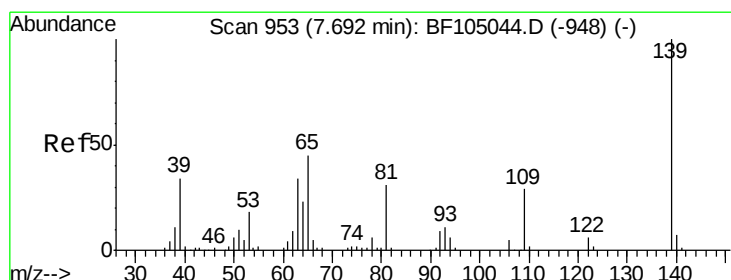
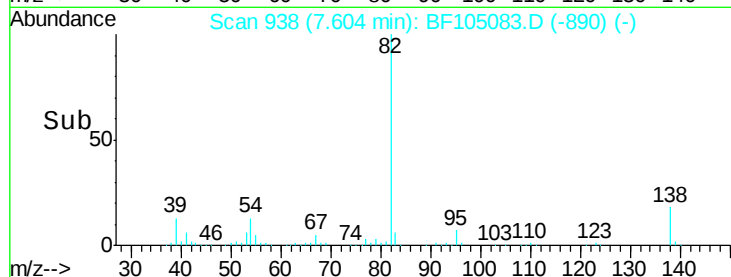
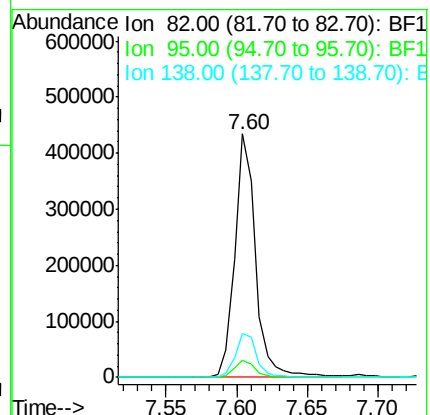
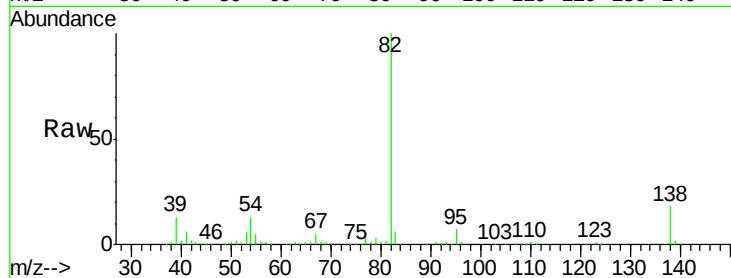
Tot Ion: 82 Resp: 445695

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 45.46 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

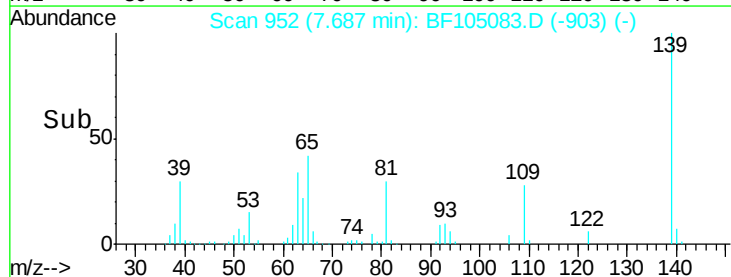
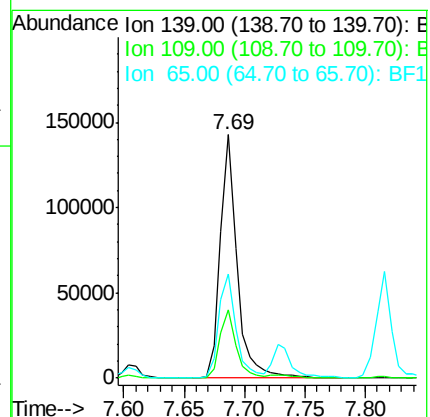
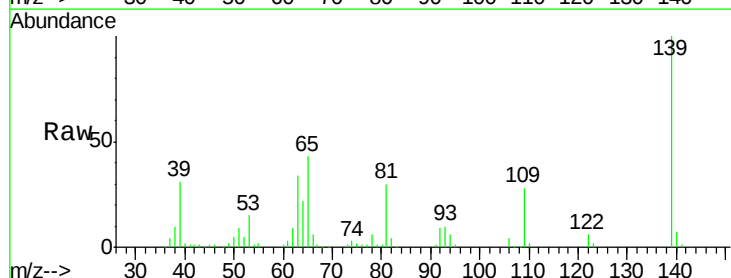
Tgt Ion: 139 Resp: 137161

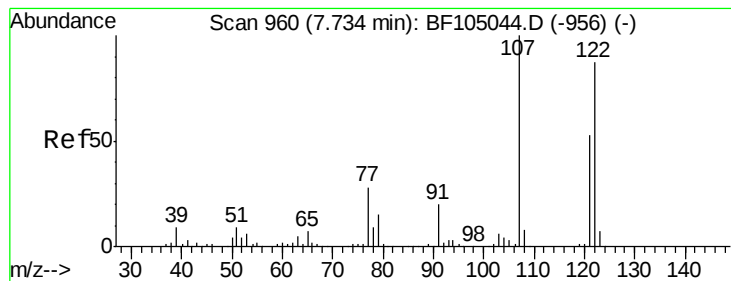
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 42.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.16 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

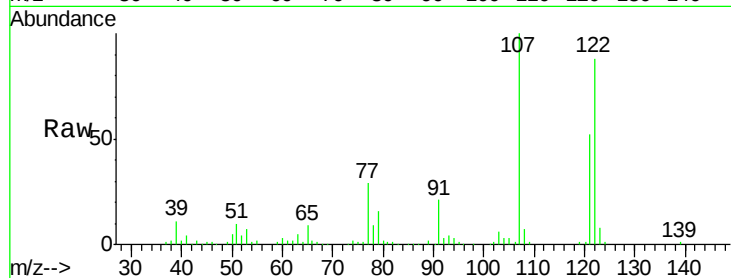
Tot Ion:122 Resp: 214003

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

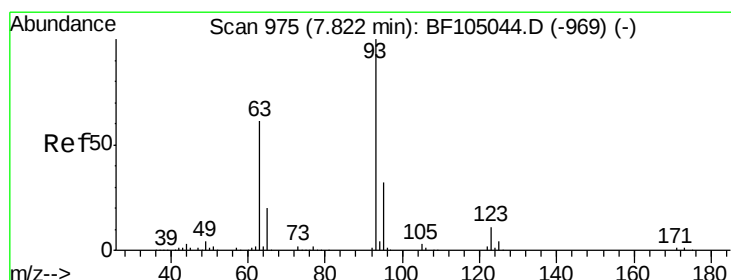
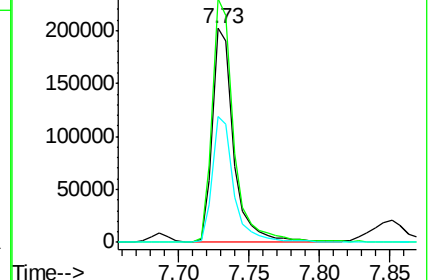
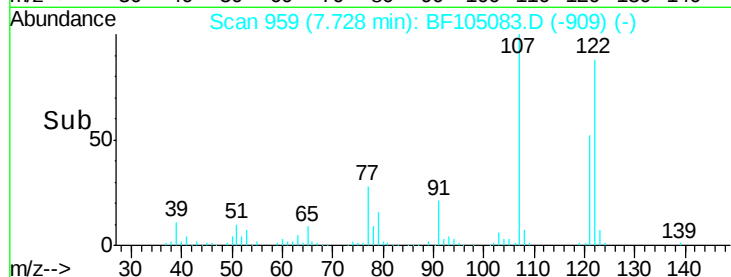
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.15 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

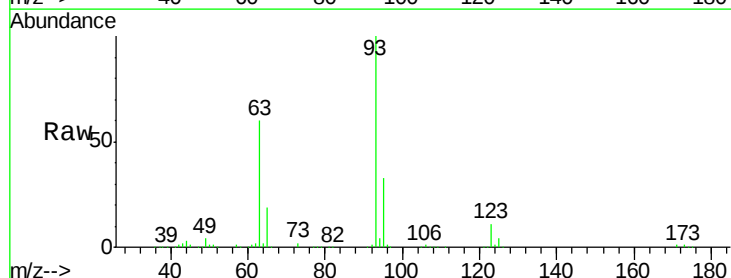
Tgt Ion: 93 Resp: 287723

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

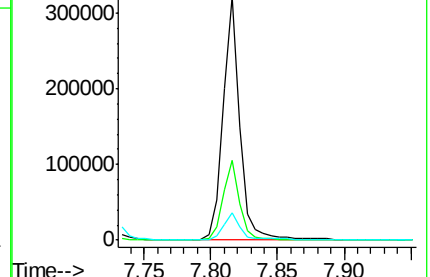
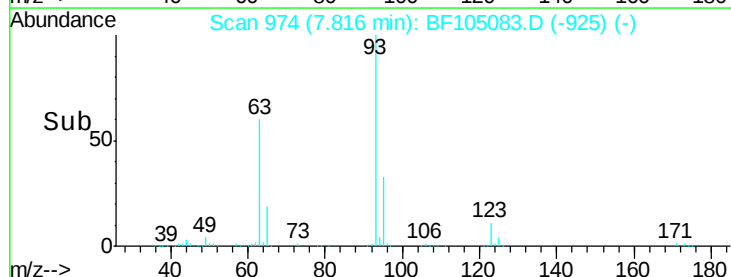
123 11.2 9.8 14.6

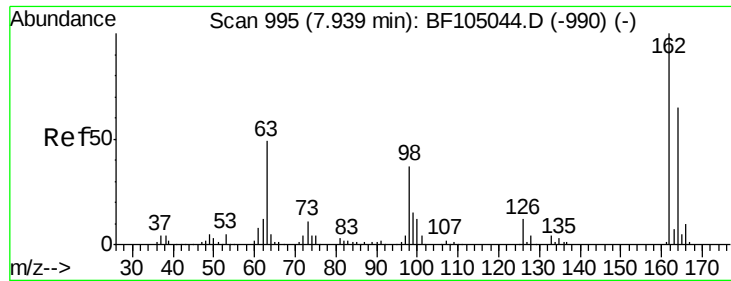


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

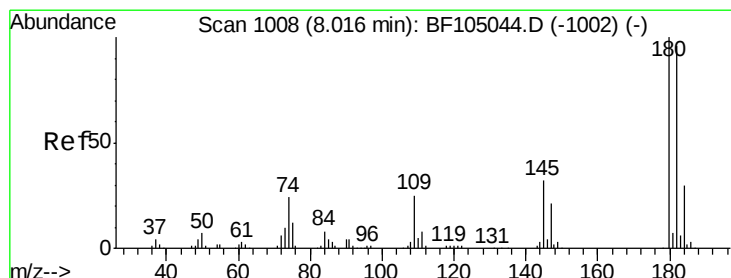
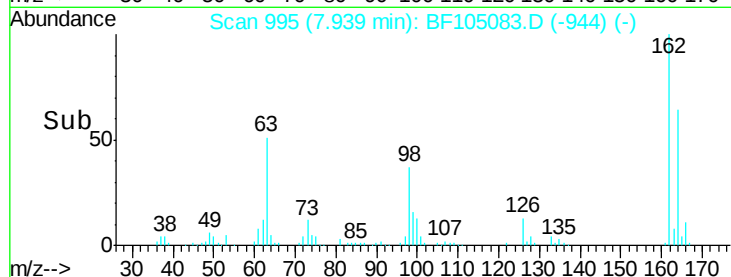
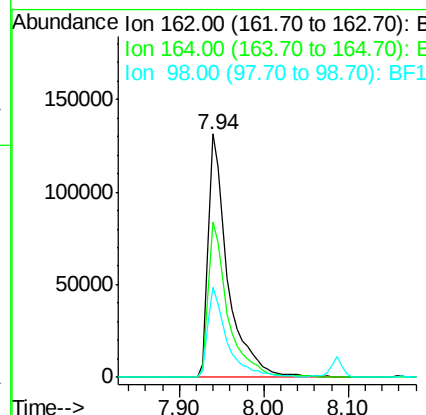
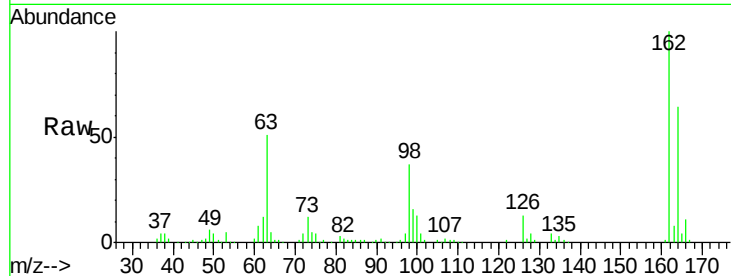




#29
 2,4-Dichlorophenol
 Concen: 35.60 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

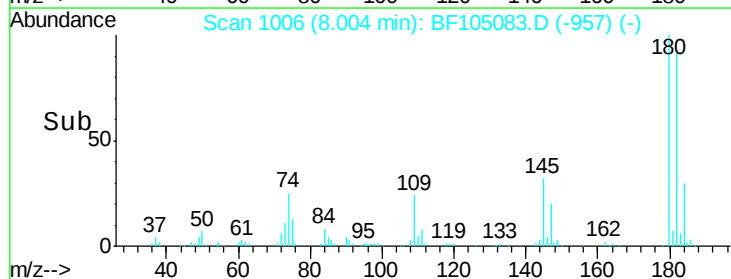
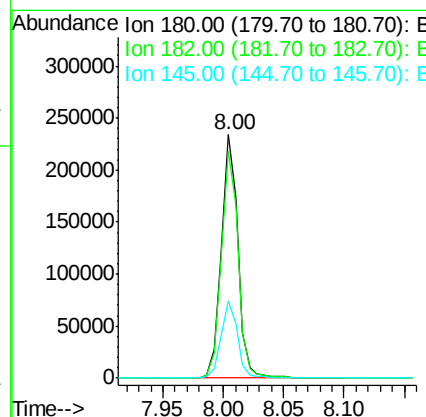
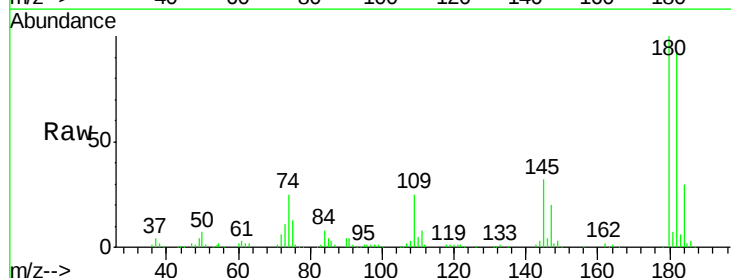
Instrument :
 BNA_F
 ClientSampleId :

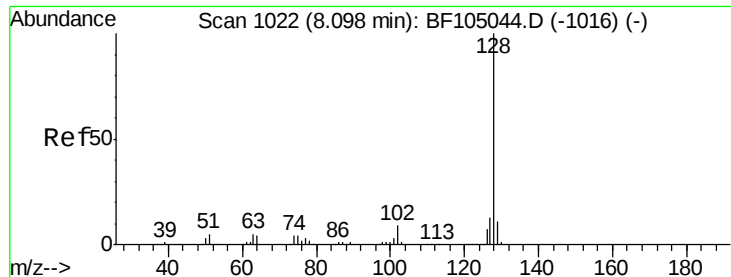
Tot Ion:162 Resp: 212784
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 37.2 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.34 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:180 Resp: 218713
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 31.9 26.5 39.7

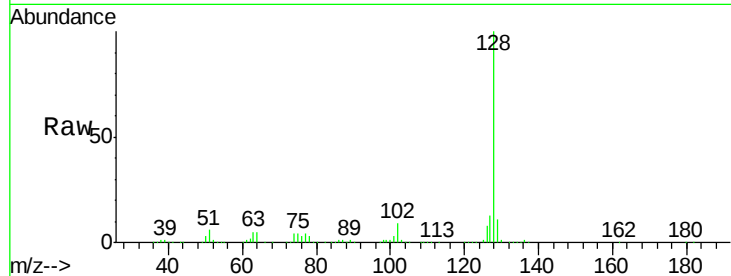




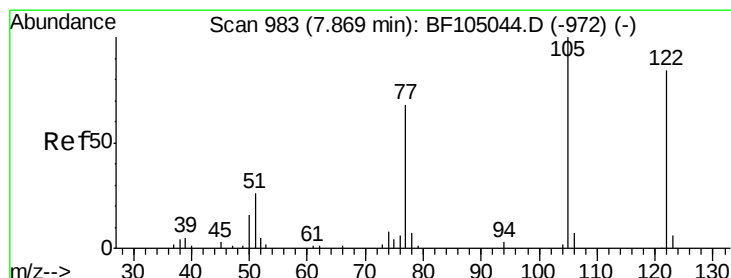
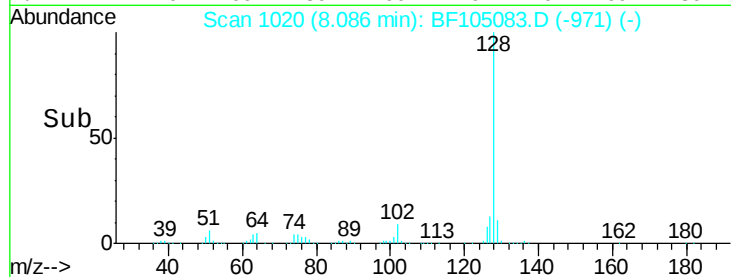
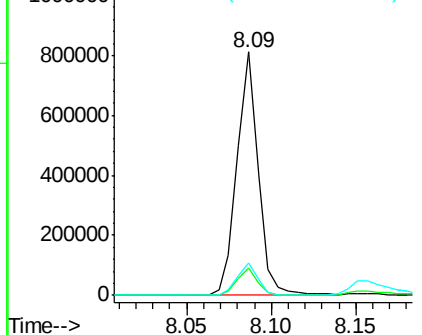
#31
Naphthalene
Concen: 32.65 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 712637
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

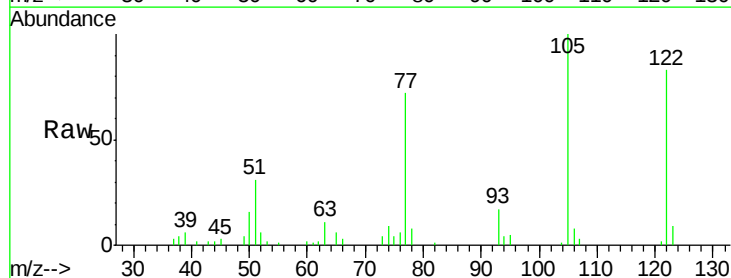


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

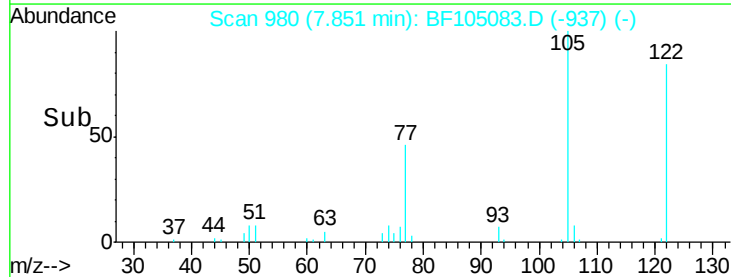
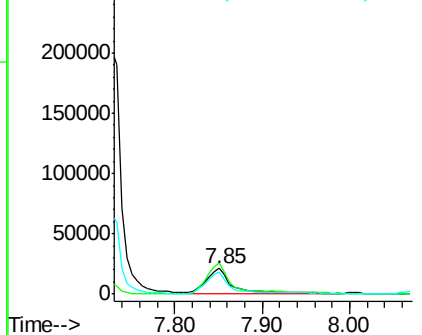


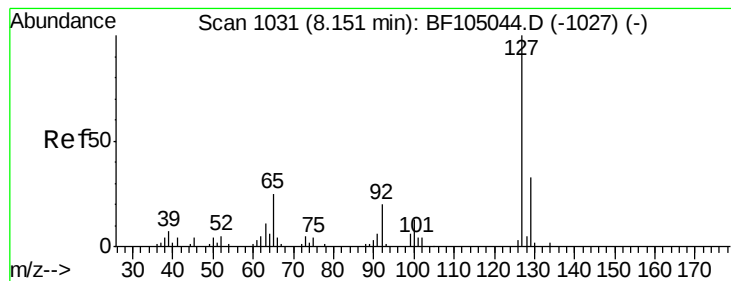
#32
Benzoic acid
Concen: 8.48 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:122 Resp: 42402
Ion Ratio Lower Upper
122 100
105 121.0 101.1 141.1
77 87.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 9.83 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 91930

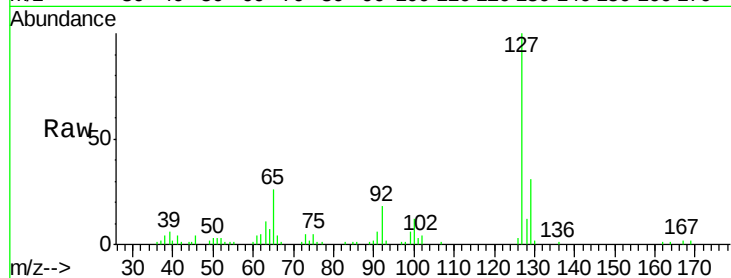
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 26.2 25.0 37.4

92 18.1 15.2 22.8

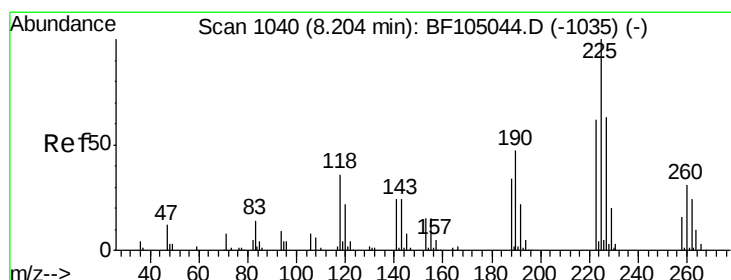
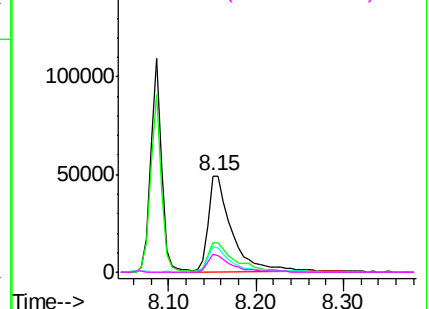
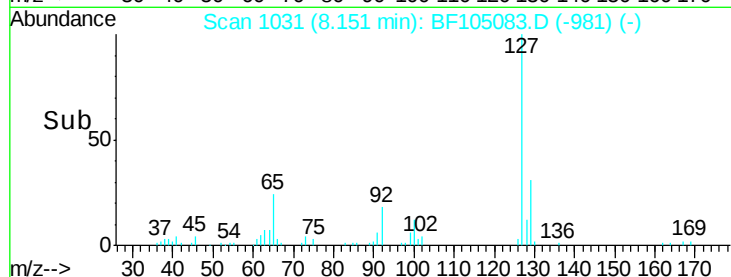


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.48 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

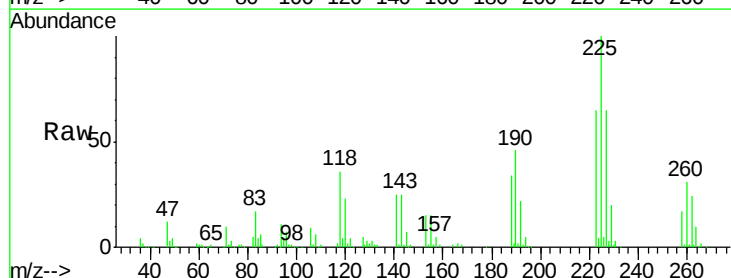
Tgt Ion:225 Resp: 120312

Ion Ratio Lower Upper

225 100

223 64.9 50.6 76.0

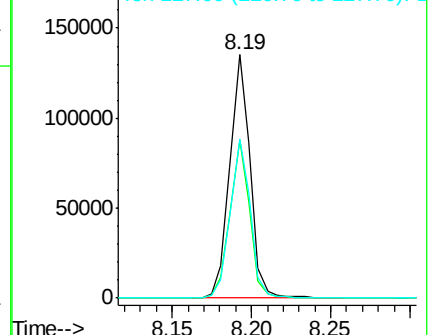
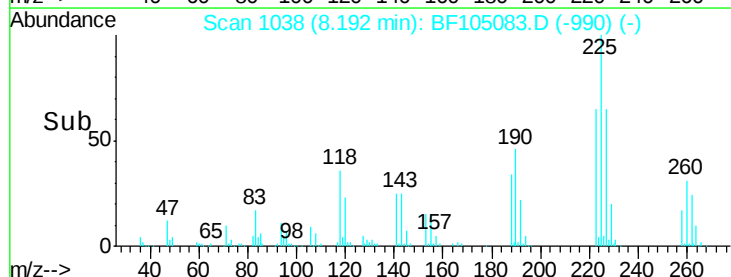
227 65.3 51.9 77.9

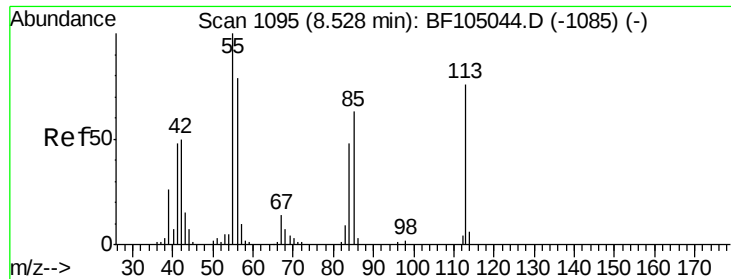


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

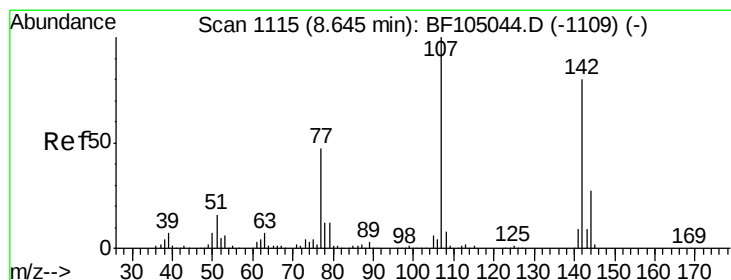
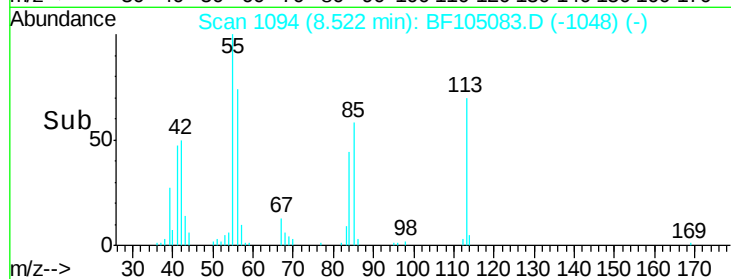
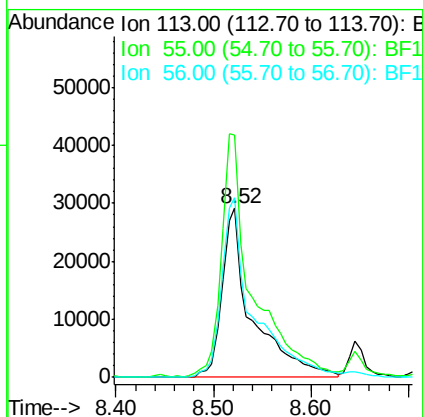
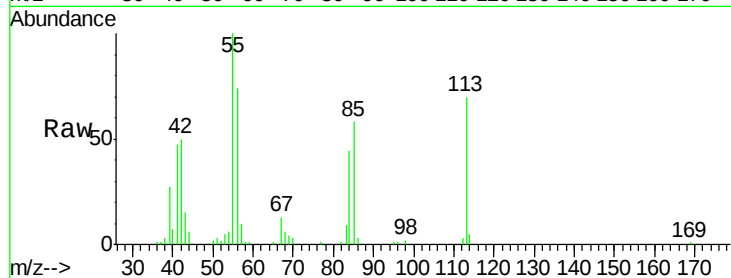




#35
Caprolactam
Concen: 30.03 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

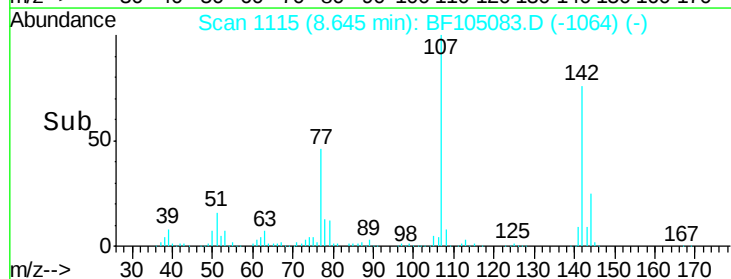
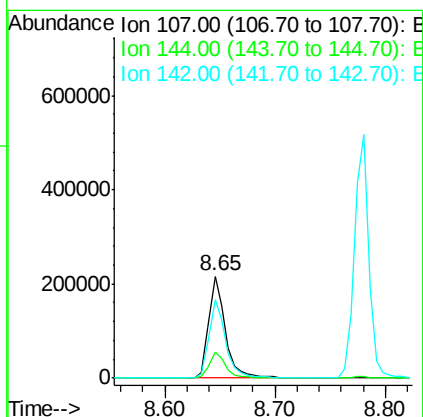
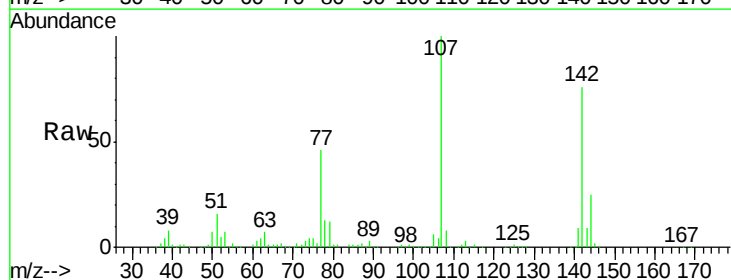
Instrument :
BNA_F
ClientSampleId :

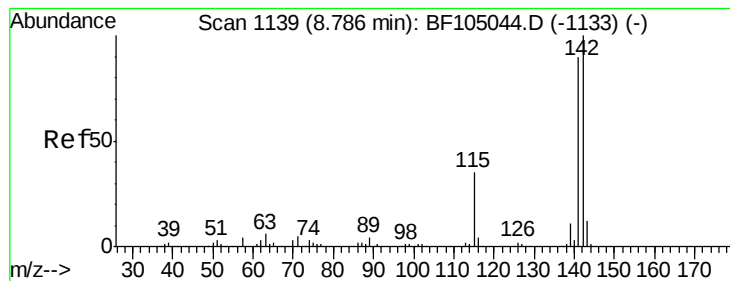
Tot Ion:113 Resp: 62616
Ion Ratio Lower Upper
113 100
55 143.2 163.3 203.3#
56 106.2 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 34.37 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:107 Resp: 220311
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 76.4 62.0 93.0

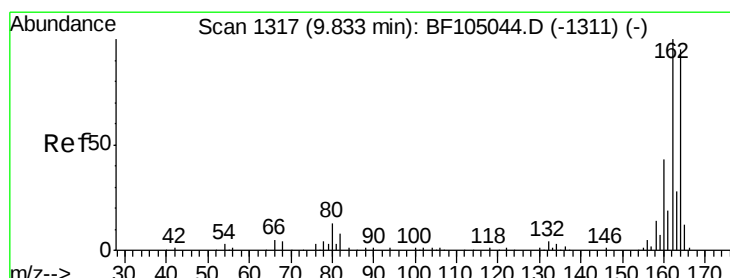
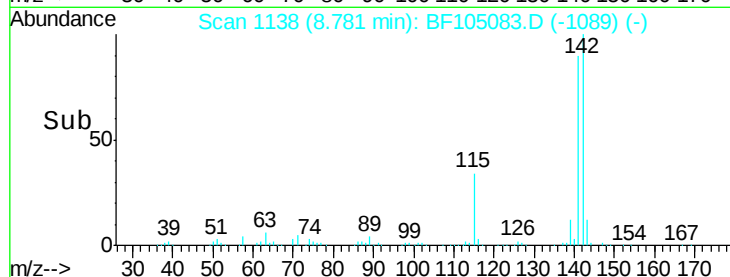
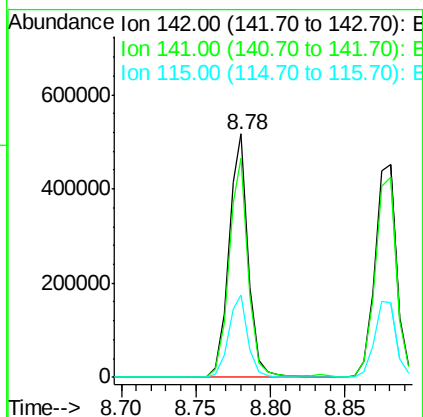
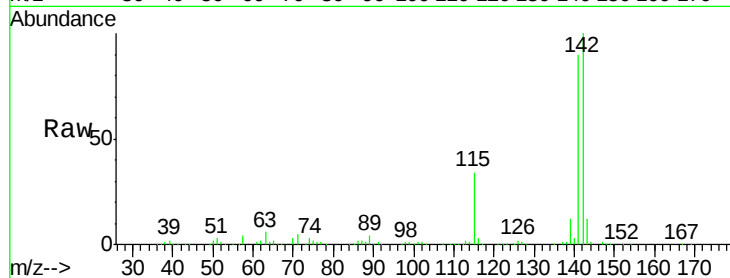




#37
2-Methylnaphthalene
Concen: 33.45 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

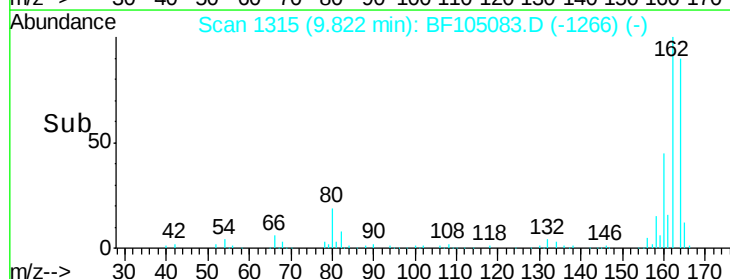
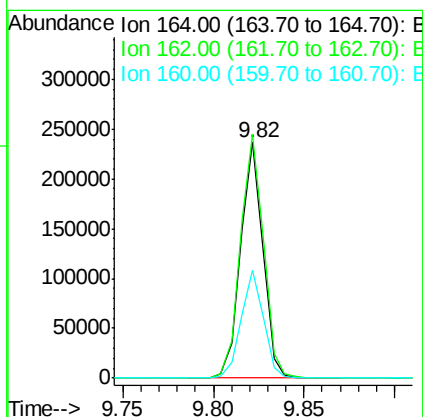
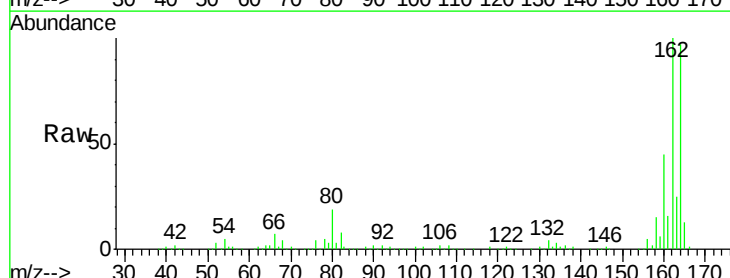
Instrument :
BNA_F
ClientSampleId :

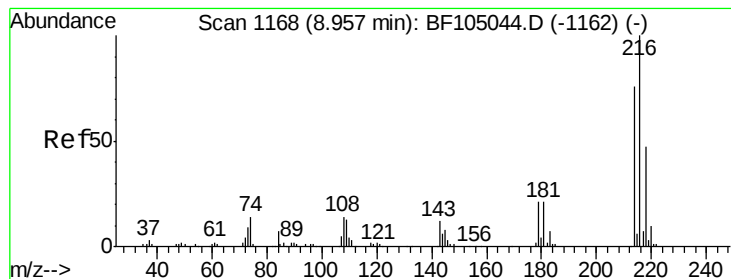
Tot Ion:142 Resp: 472286
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 34.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:164 Resp: 201589
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.02 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 207869

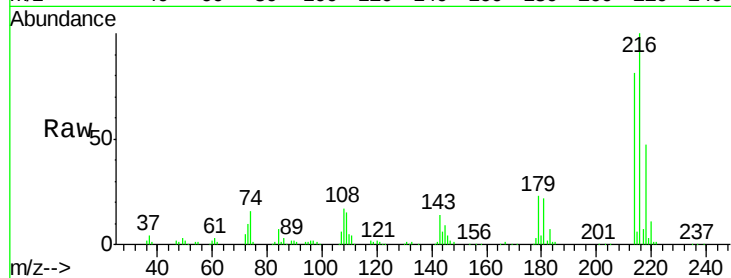
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 22.7 18.1 27.1

108 19.7 17.2 25.8

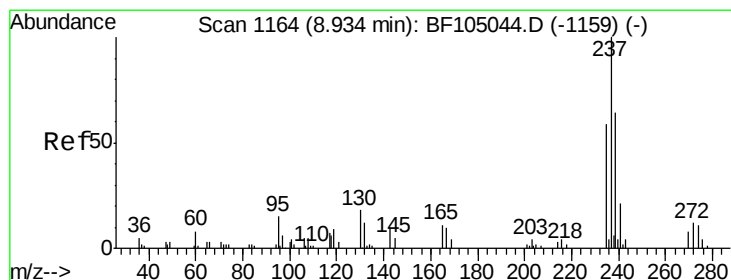
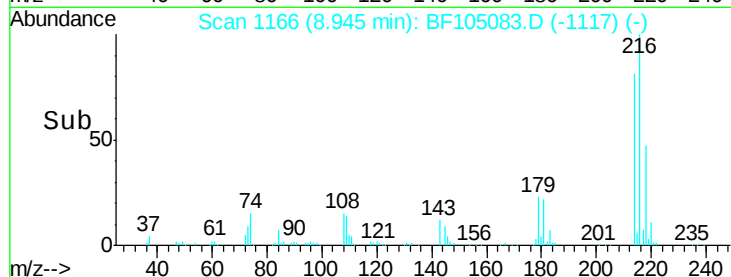
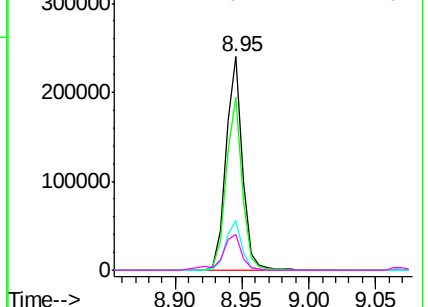


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.77 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

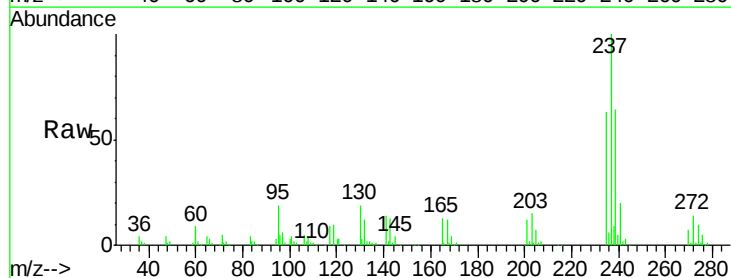
Tgt Ion:237 Resp: 105877

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

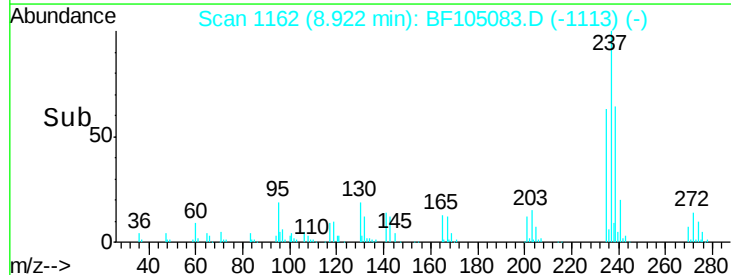
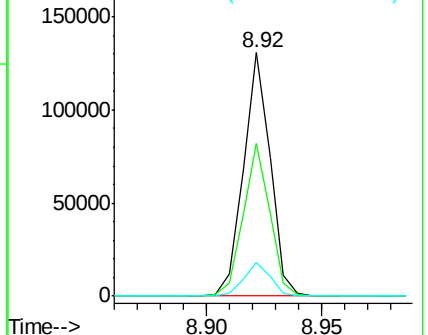
272 13.7 0.0 33.3

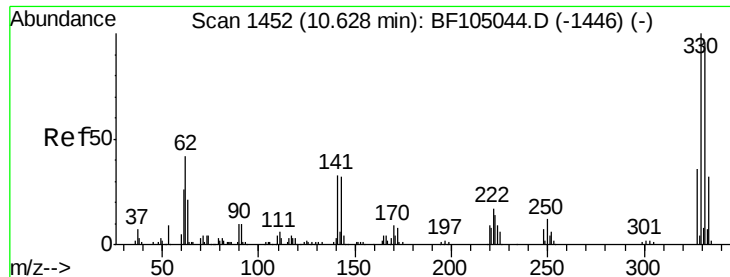


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

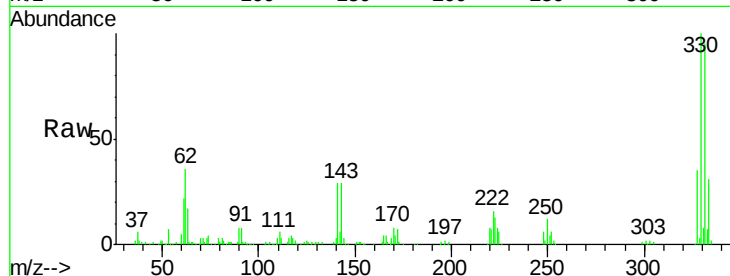




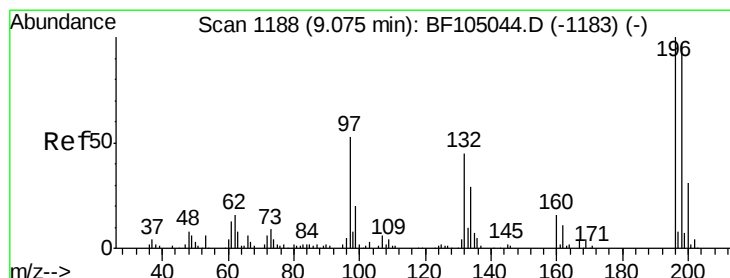
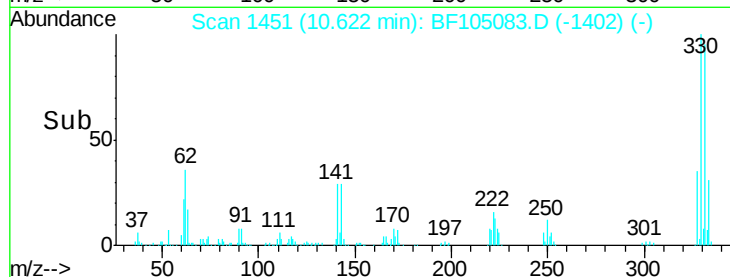
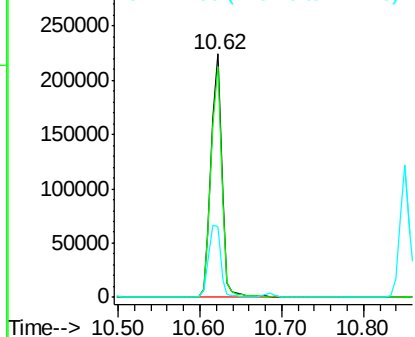
#41
 2,4,6-Tribromophenol
 Concen: 99.38 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 207807
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 33.0 29.9 44.9

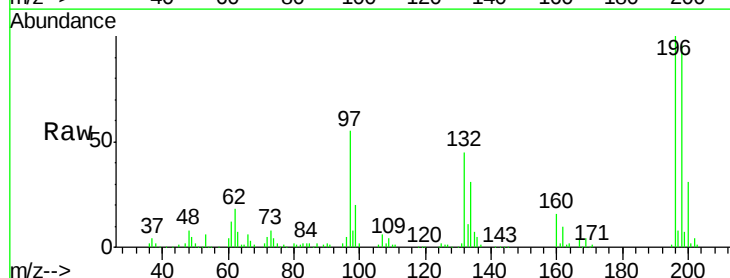


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

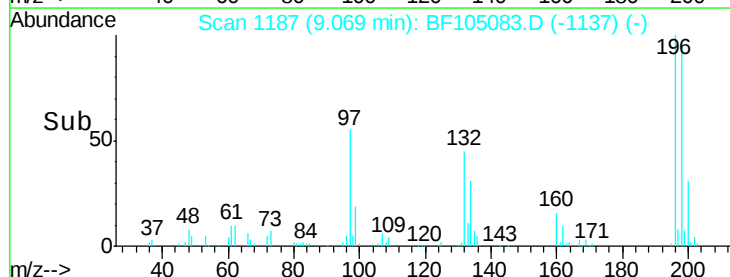
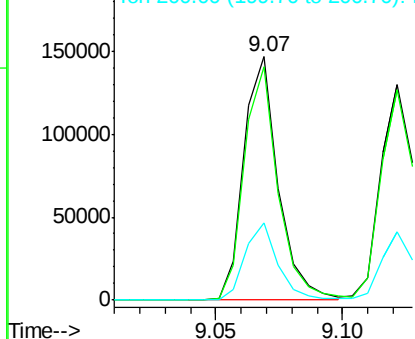


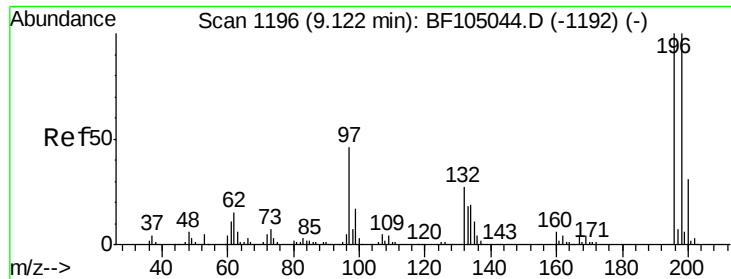
#42
 2,4,6-Trichlorophenol
 Concen: 34.58 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:196 Resp: 138508
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 31.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

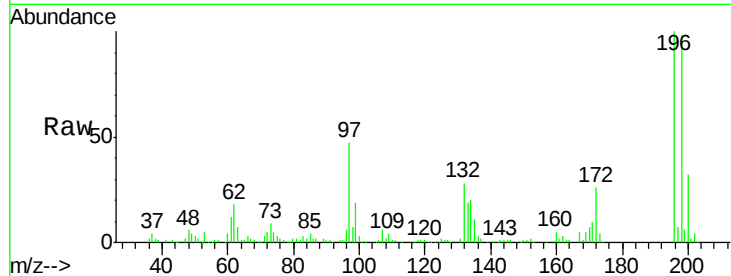




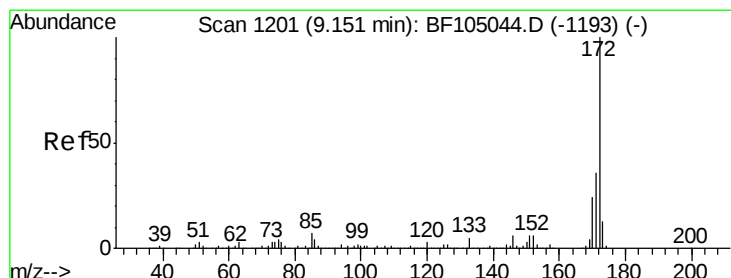
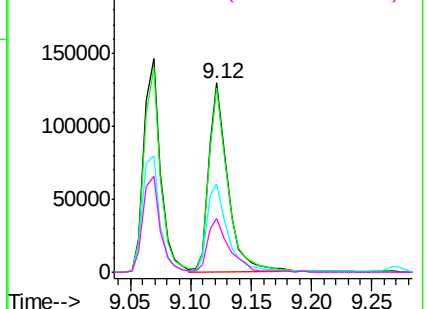
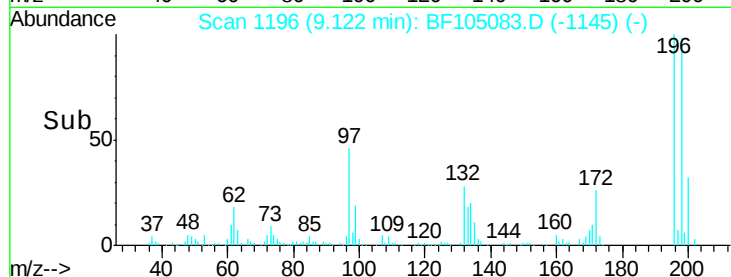
#43
 2,4,5-Trichlorophenol
 Concen: 31.37 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	140602
Ion Ratio	Lower	Upper
196	100	
198	97.7	74.6 112.0
97	46.7	42.9 64.3
132	28.5	26.3 39.5

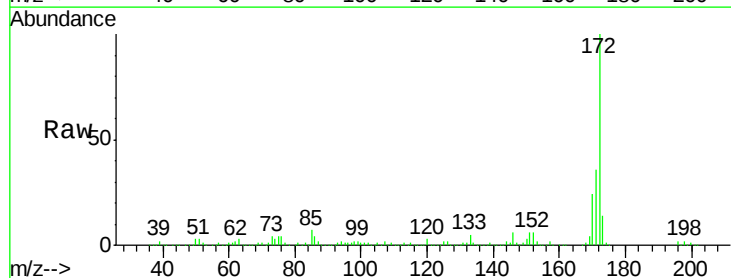


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

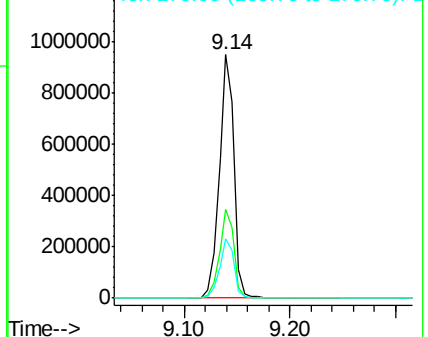
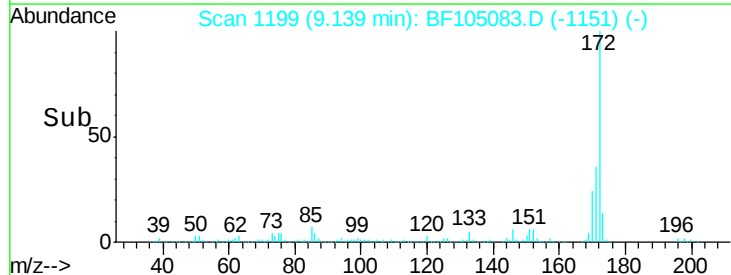


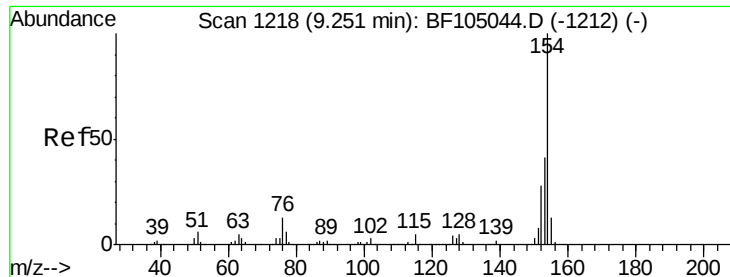
#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:172	Resp:	928577
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.7 44.5
170	24.1	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

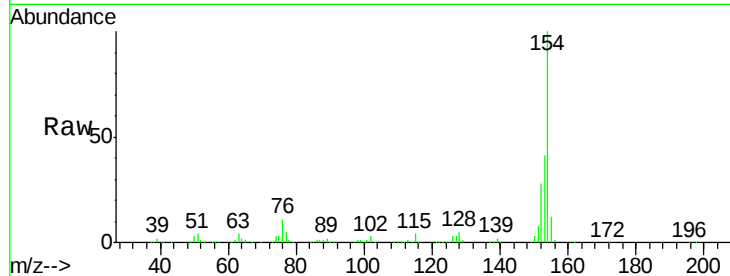




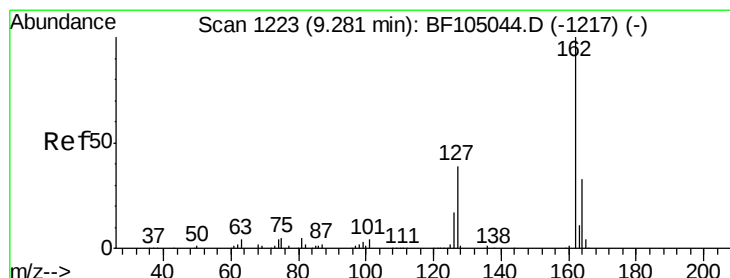
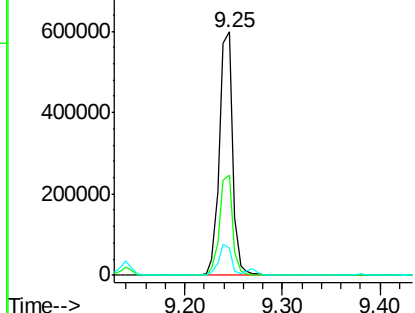
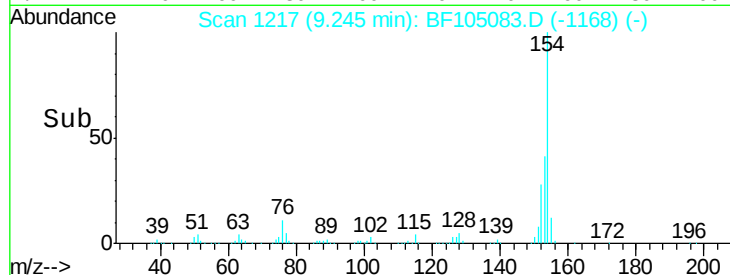
#45
 1,1'-Biphenyl
 Concen: 33.49 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	11.1	0.0	34.0

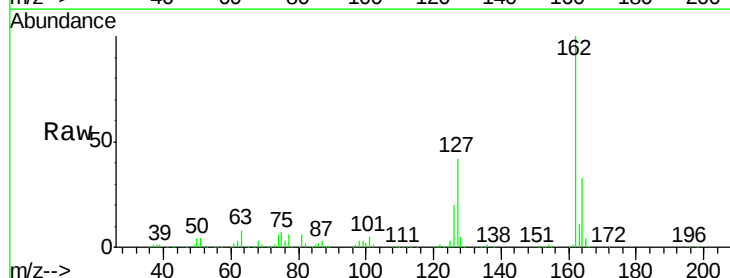


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

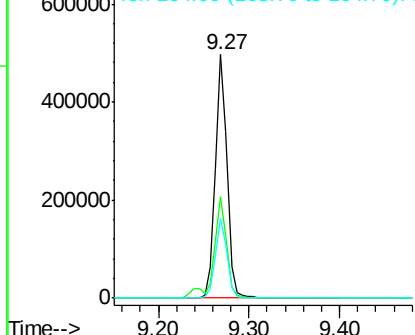
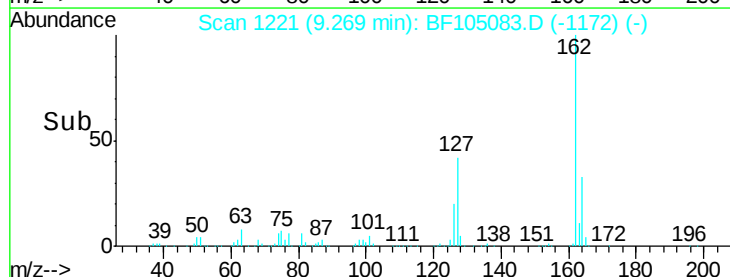


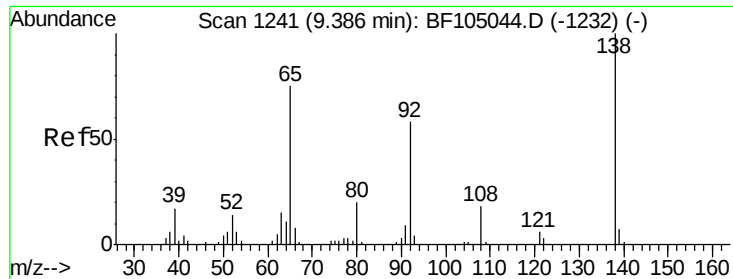
#46
 2-Chloronaphthalene
 Concen: 33.43 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	32.9	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

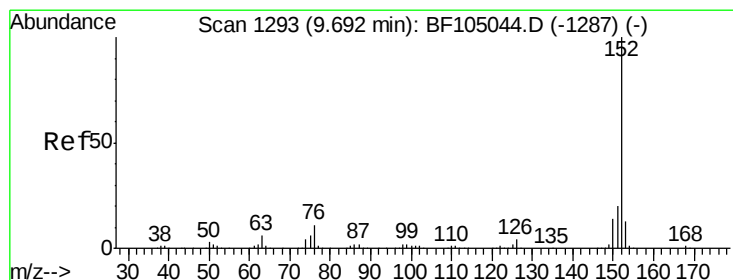
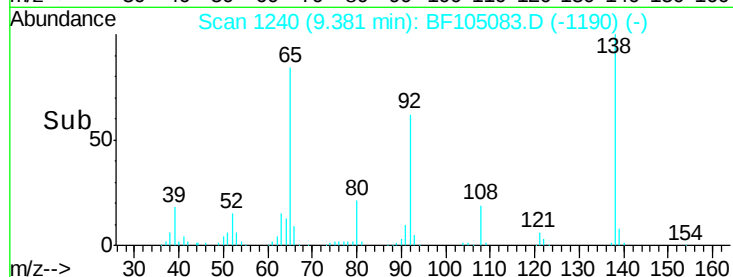
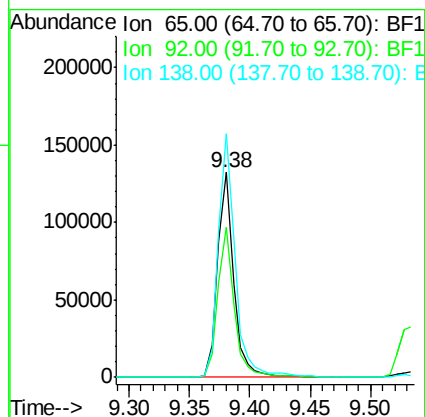
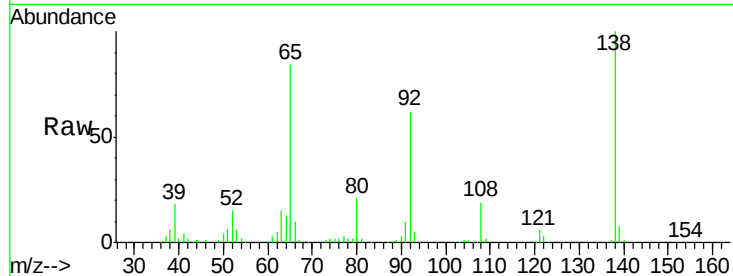




#47
2-Nitroaniline
Concen: 37.02 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

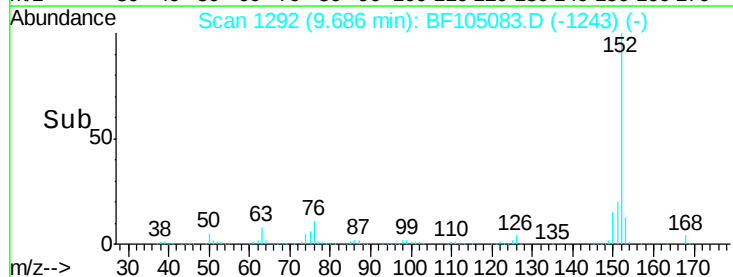
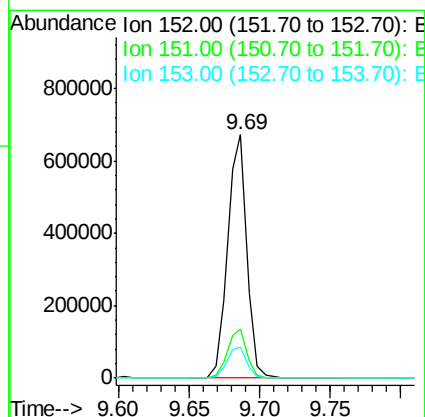
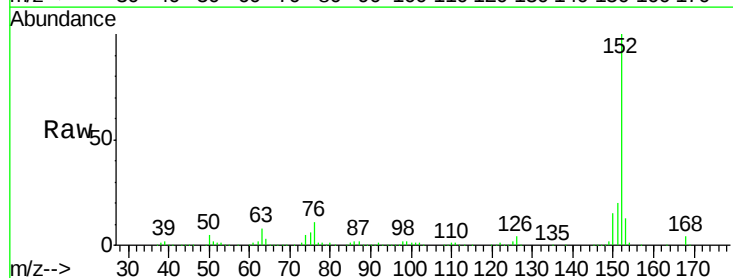
Instrument :
BNA_F
ClientSampleId :

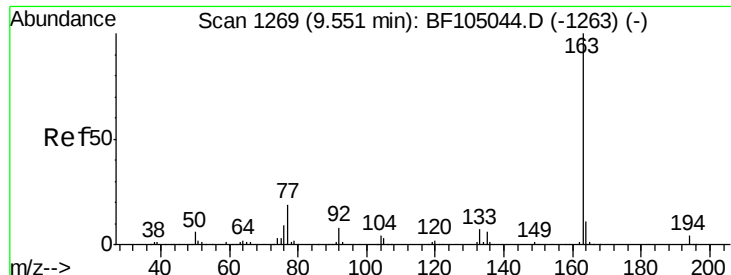
Tot Ion: 65 Resp: 122475
Ion Ratio Lower Upper
65 100
92 73.3 55.8 83.6
138 119.0 91.2 136.8



#48
Acenaphthylene
Concen: 30.08 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 152 Resp: 631276
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.8 10.7 16.1

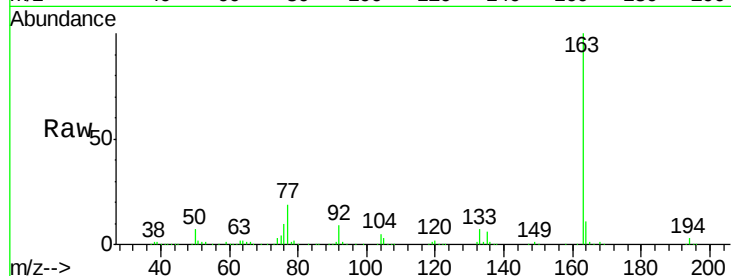




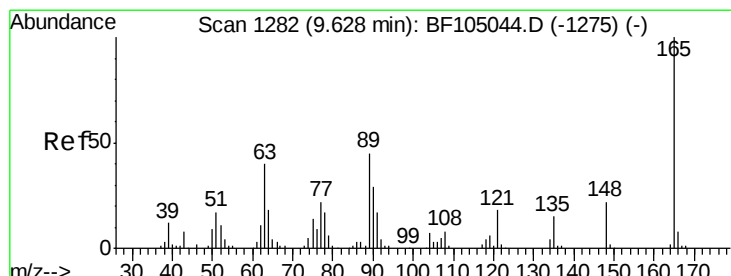
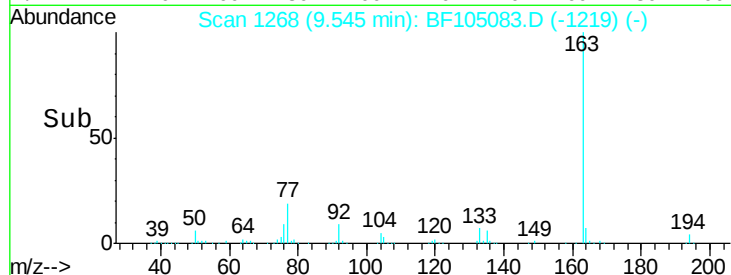
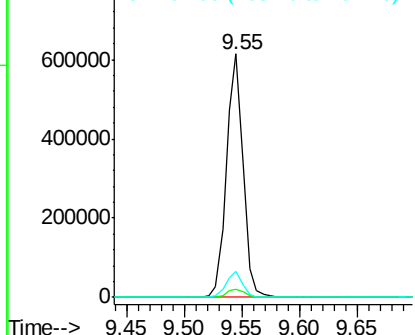
#49
Dimethylphthalate
Concen: 38.20 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 607340
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

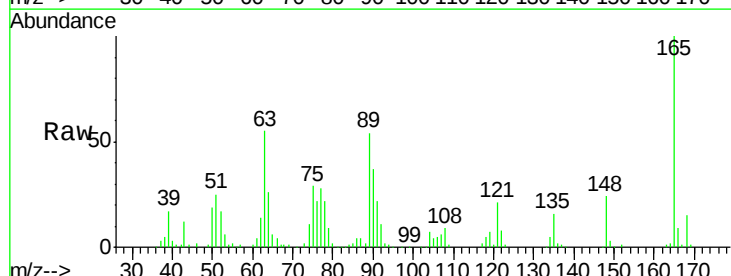


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

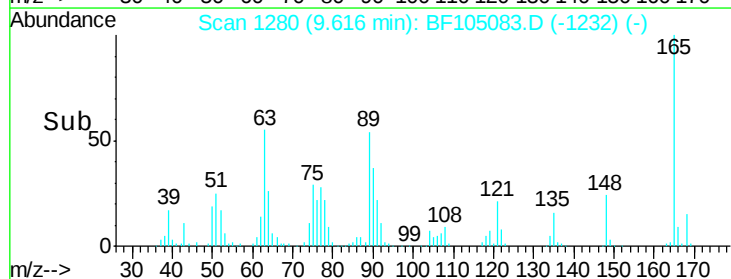
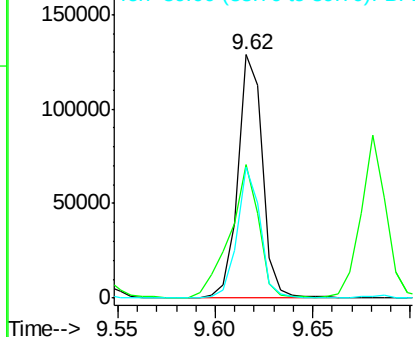


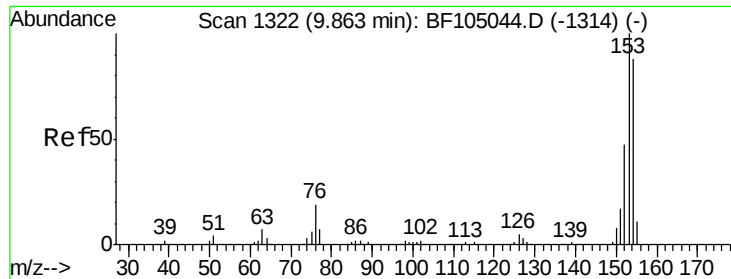
#50
2,6-Dinitrotoluene
Concen: 38.26 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:165 Resp: 112557
Ion Ratio Lower Upper
165 100
63 55.1 44.7 67.1
89 54.1 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: 29.65 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

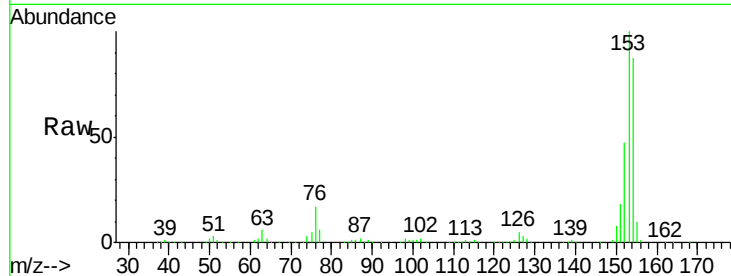
Tot Ion:154 Resp: 379724

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

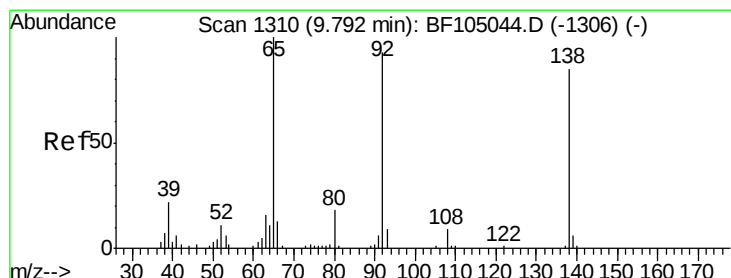
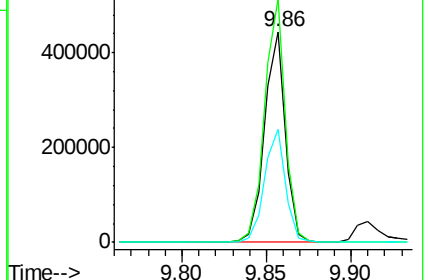
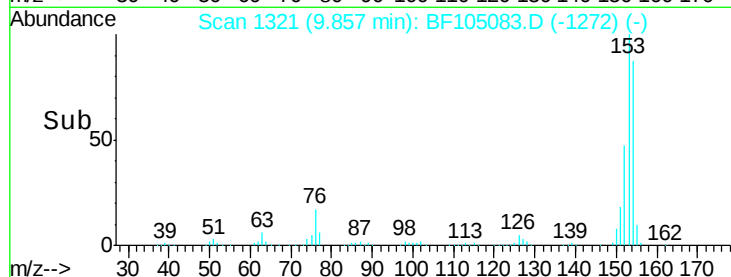
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.64 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

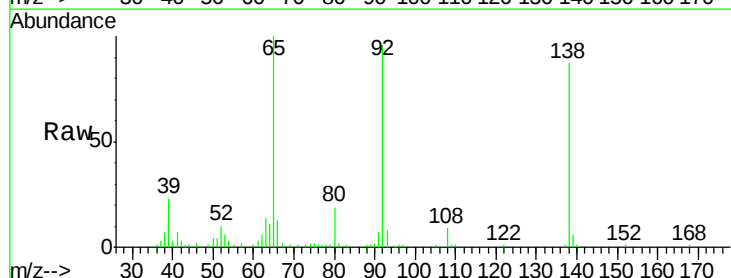
Tgt Ion:138 Resp: 60730

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

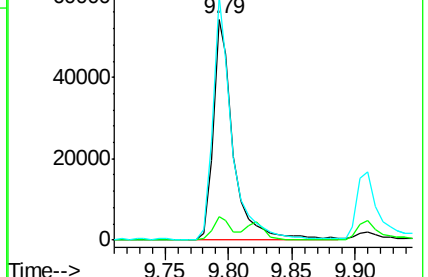
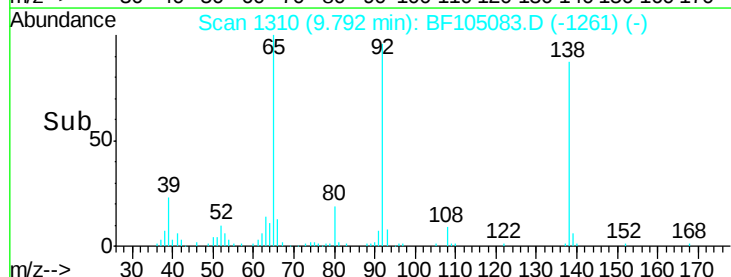
92 110.3 89.4 134.2

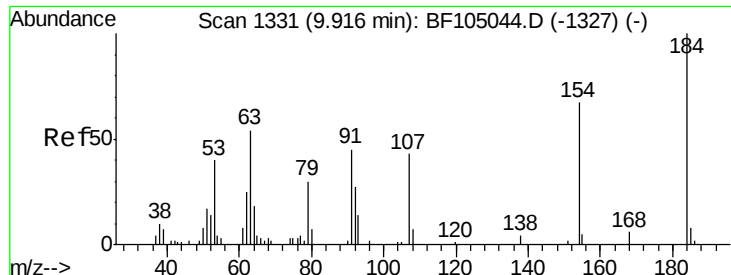


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

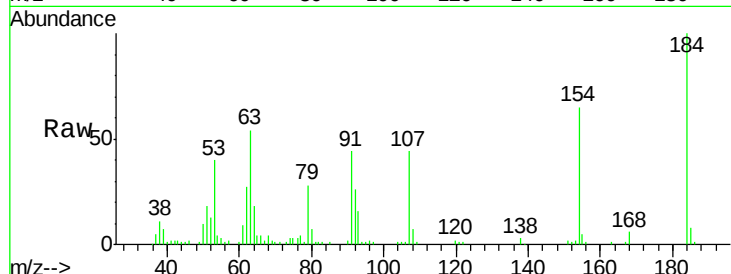




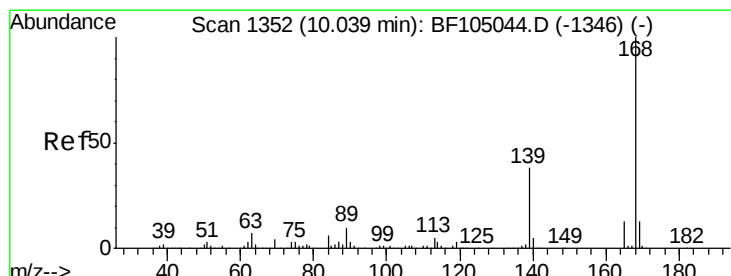
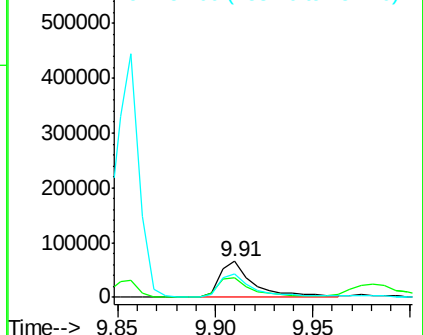
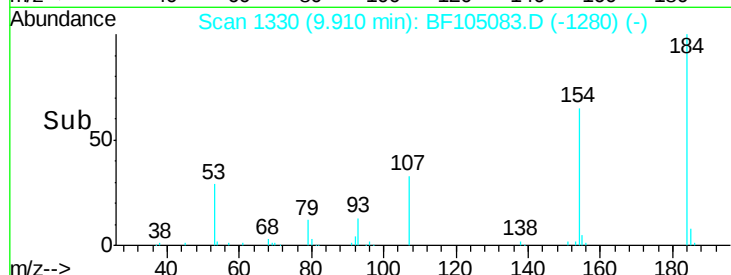
#53
2,4-Dinitrophenol
Concen: 69.40 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 78989
Ion Ratio Lower Upper
184 100
63 54.1 54.2 81.2#
154 65.2 184.0 276.0#

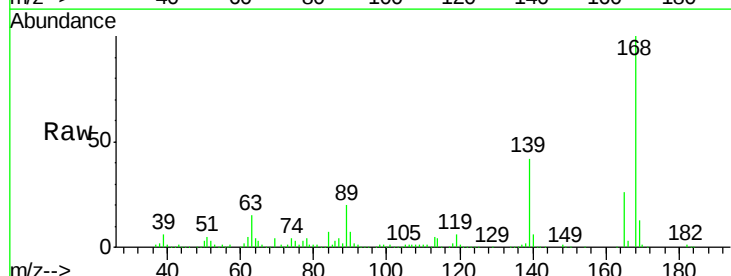


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

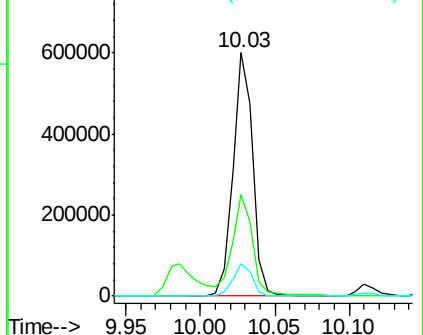
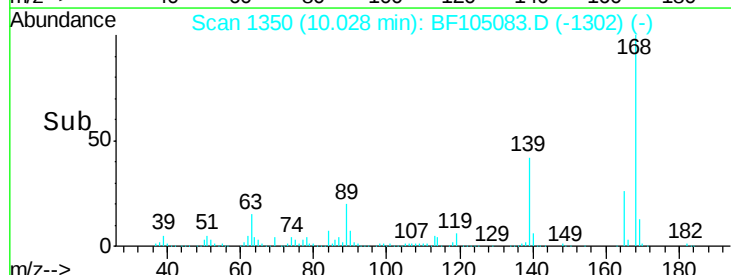


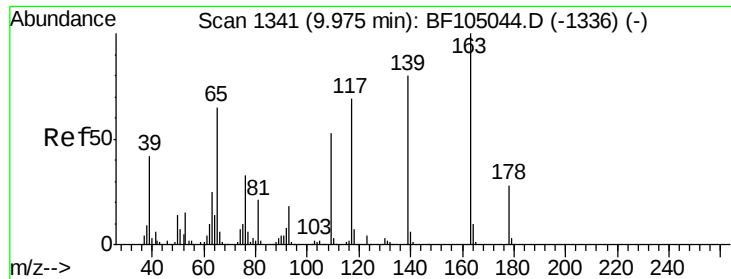
#54
Dibenzofuran
Concen: 31.23 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:168 Resp: 557286
Ion Ratio Lower Upper
168 100
139 41.5 30.1 45.1
169 13.3 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

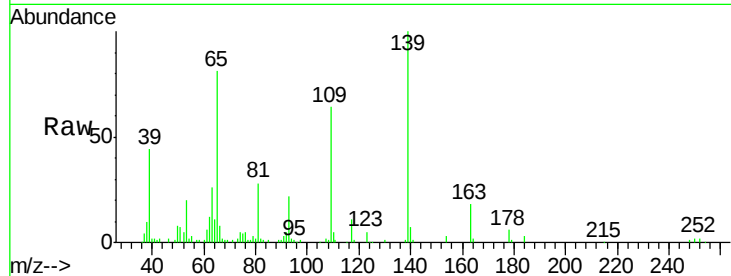




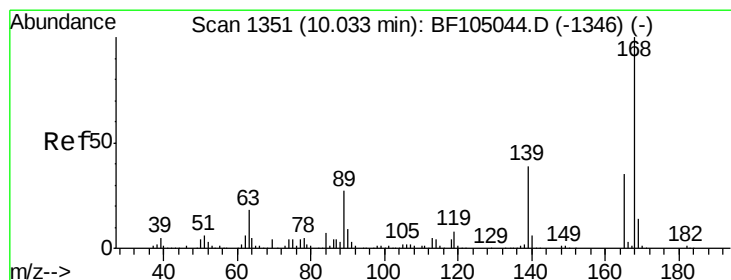
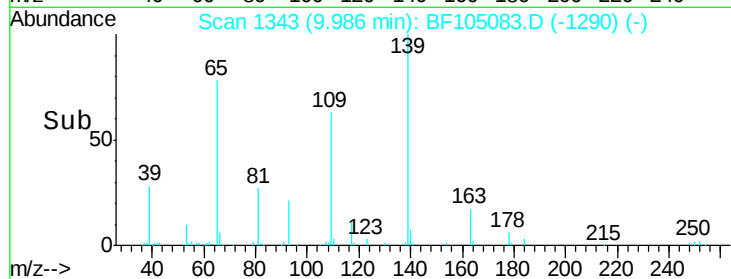
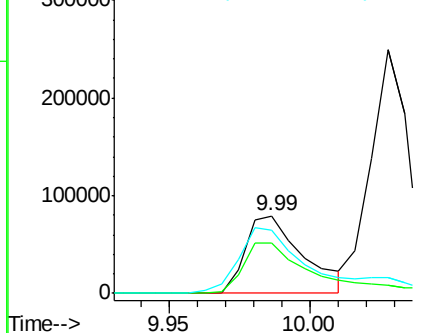
#55
4-Nitrophenol
Concen: 41.51 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 112288
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 80.6 72.6 112.6

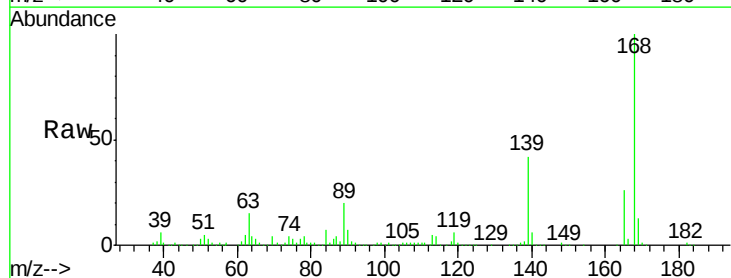


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

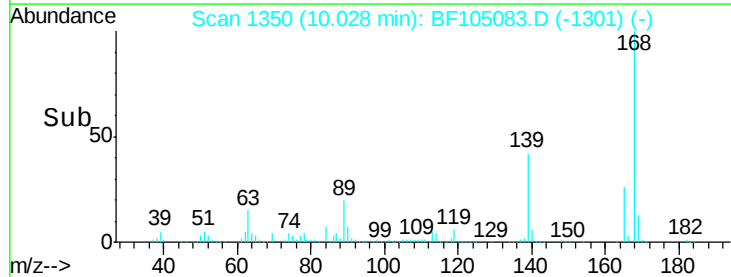
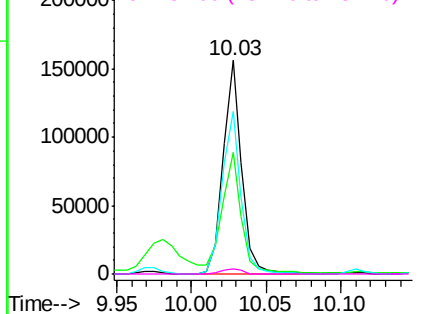


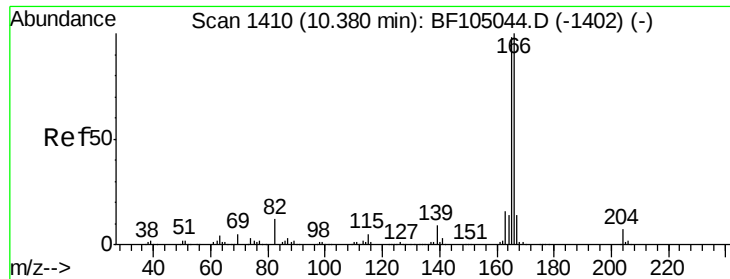
#56
2,4-Dinitrotoluene
Concen: 35.65 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:165 Resp: 137563
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 76.3 57.8 86.6
182 2.4 1.6 2.4



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

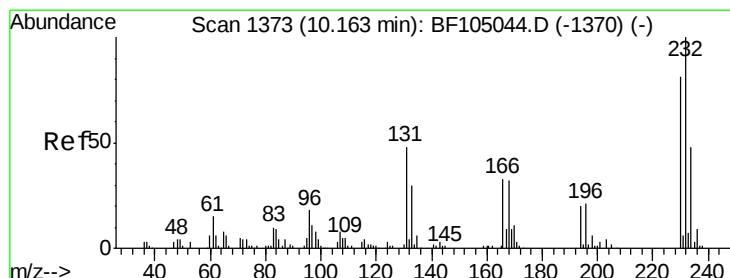
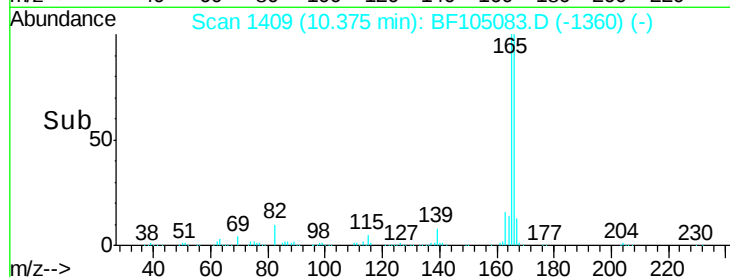
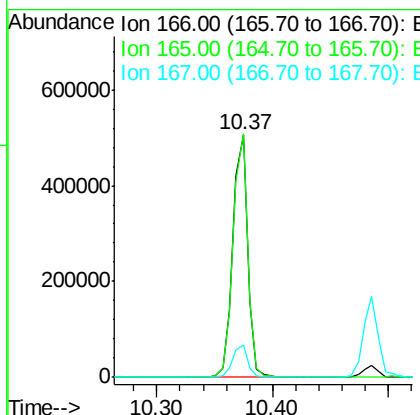
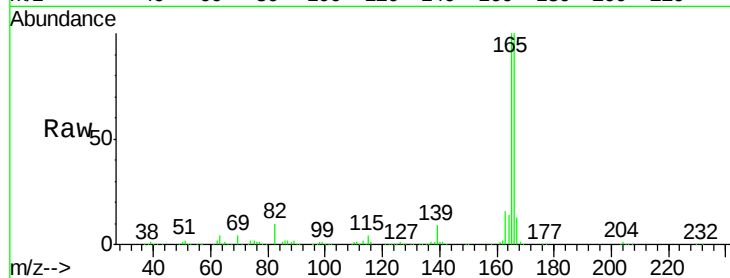




#57
 Fluorene
 Concen: 34.76 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

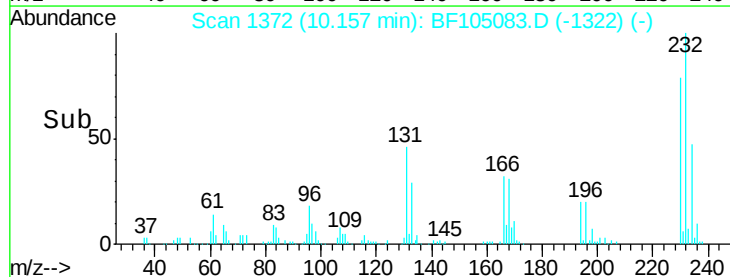
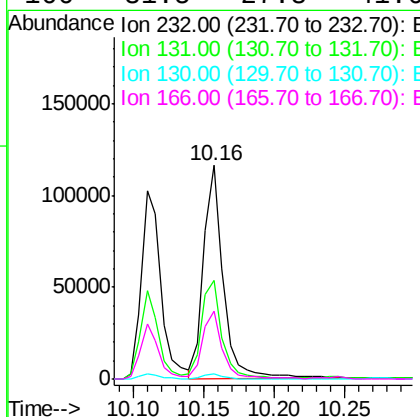
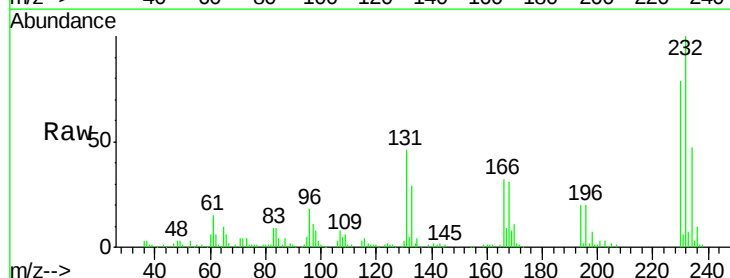
Instrument :
 BNA_F
 ClientSampleId :

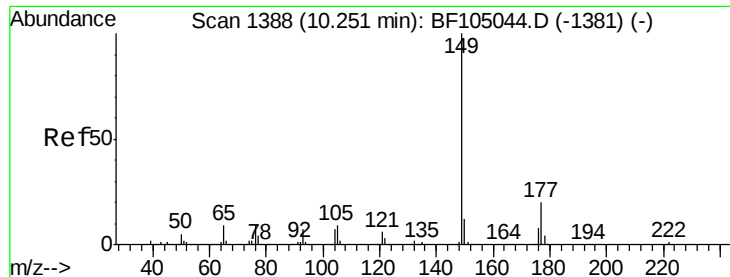
Tot Ion:166 Resp: 451536
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.66 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:232 Resp: 112561
 Ion Ratio Lower Upper
 232 100
 131 47.3 43.8 65.8
 130 2.3 2.1 3.1
 166 31.5 27.8 41.6

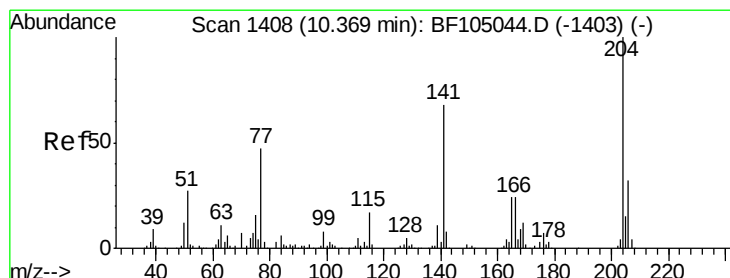
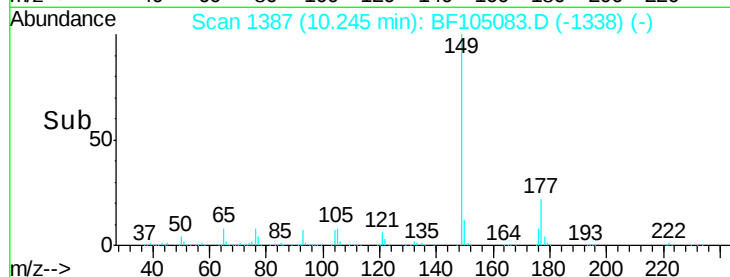
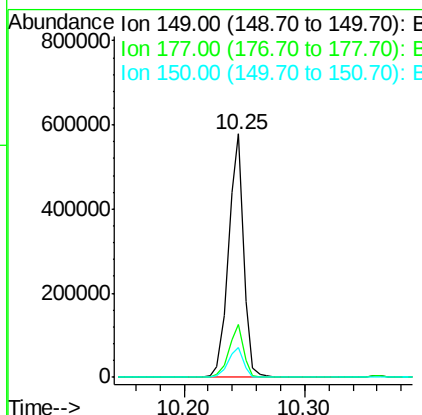
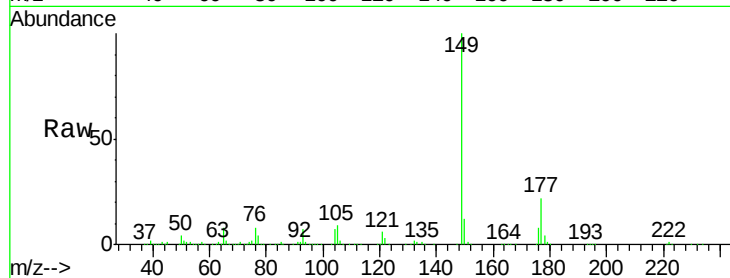




#59
Diethylphthalate
Concen: 31.54 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

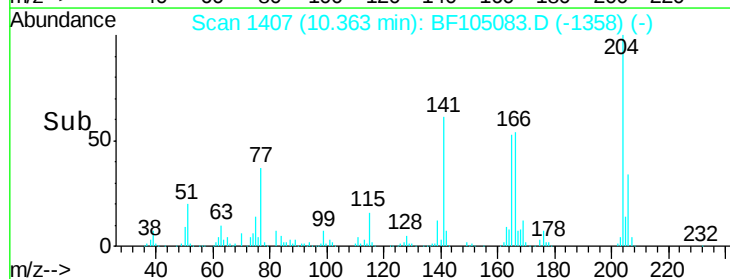
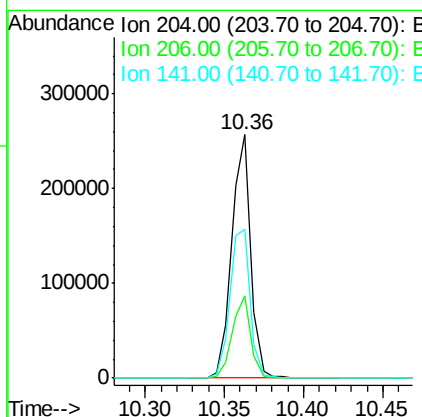
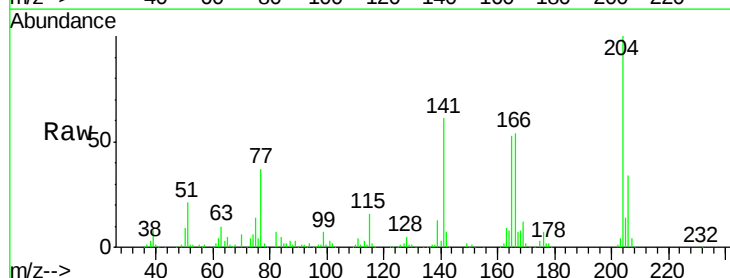
Instrument :
BNA_F
ClientSampleId :

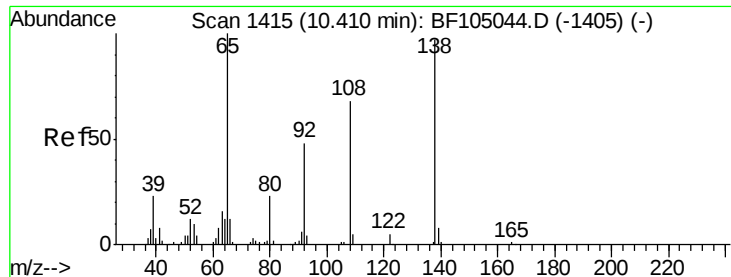
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.81 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	61.3	54.6	81.8

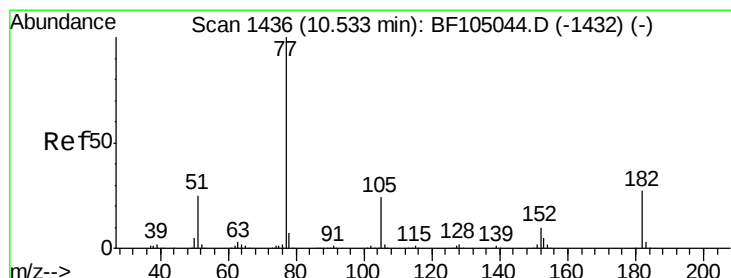
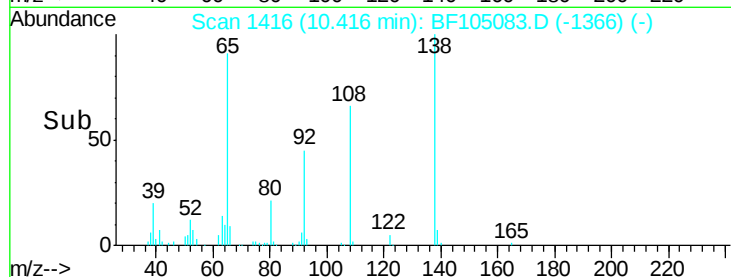
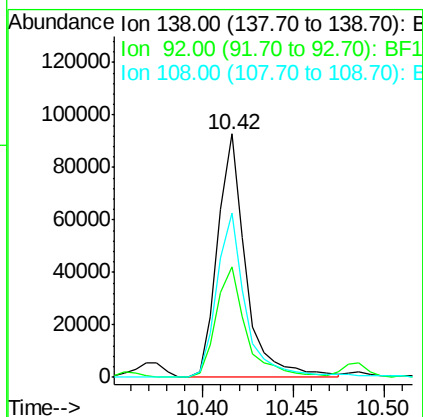
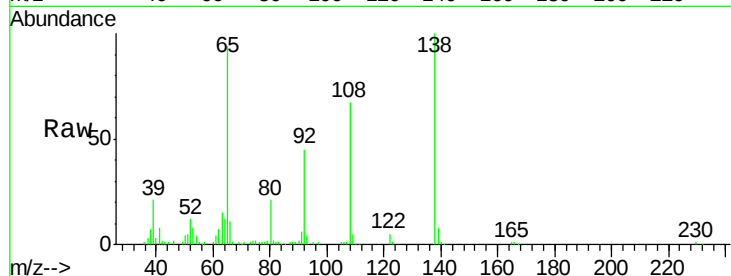




#61
4-Nitroaniline
Concen: 29.83 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

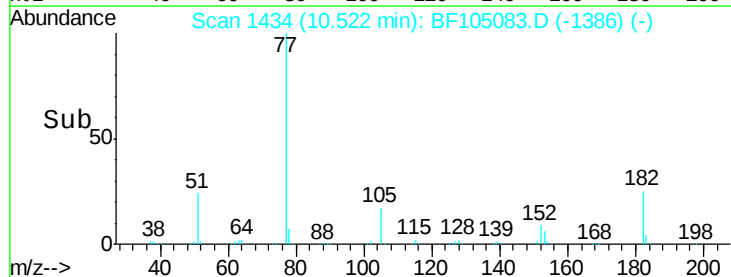
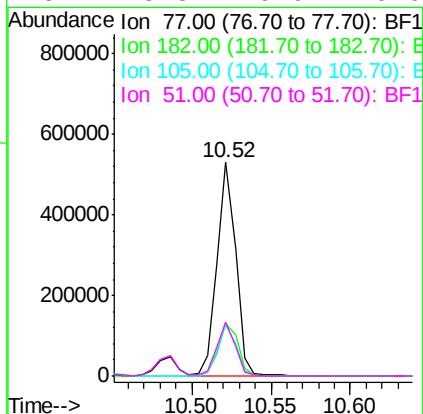
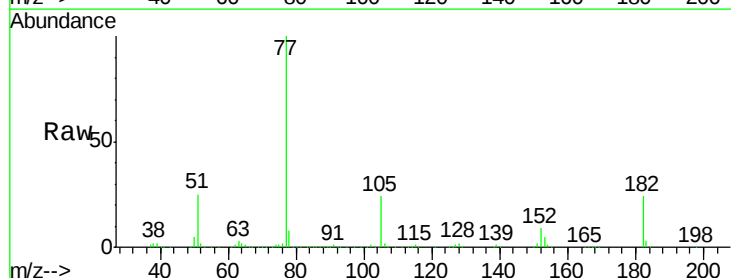
Instrument :
BNA_F
ClientSampleId :

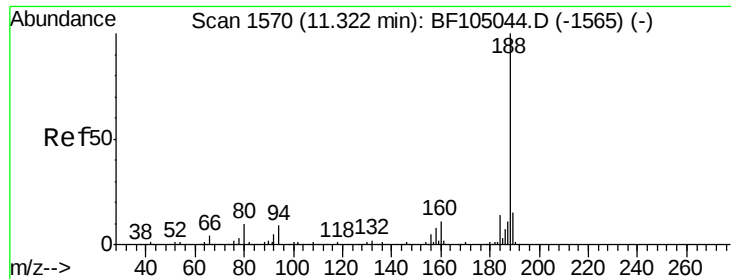
Tot Ion:138 Resp: 100433
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 28.71 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion: 77 Resp: 434206
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 24.1 3.0 43.0
51 25.3 9.9 49.9

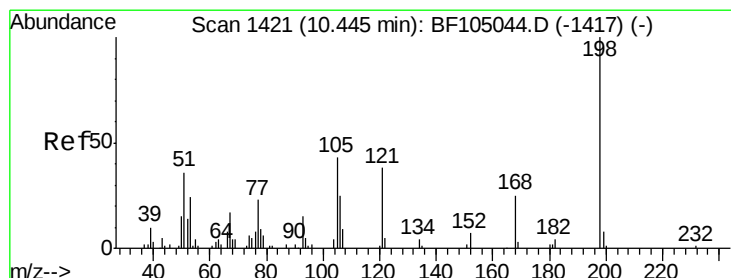
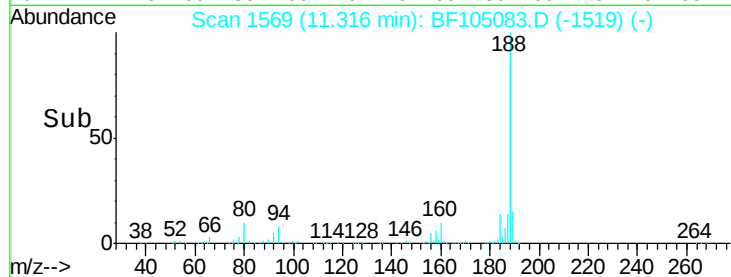
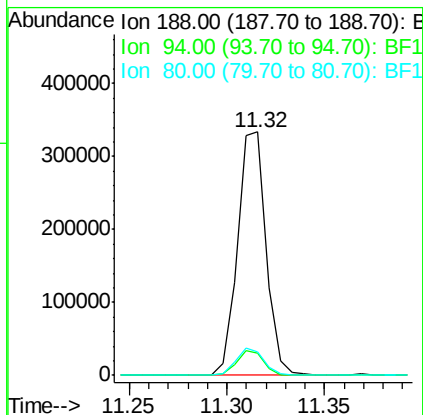
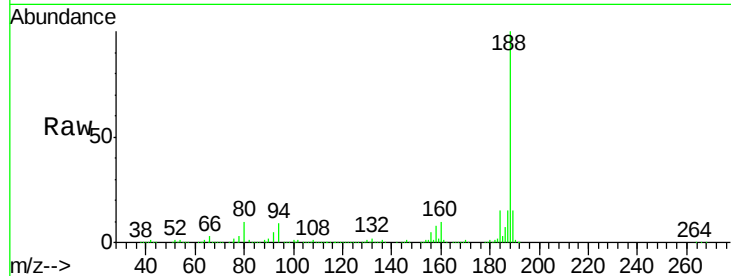




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

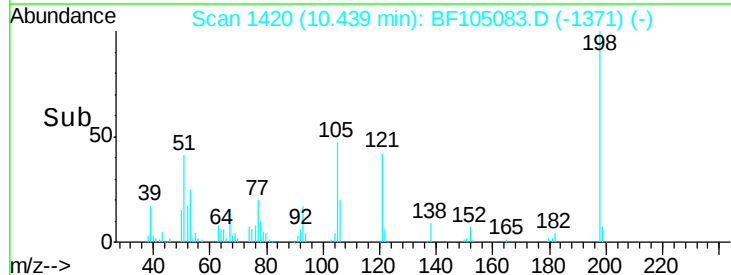
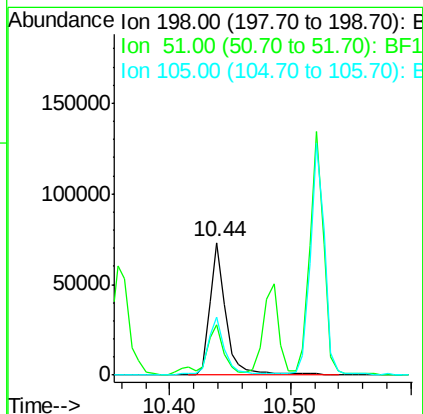
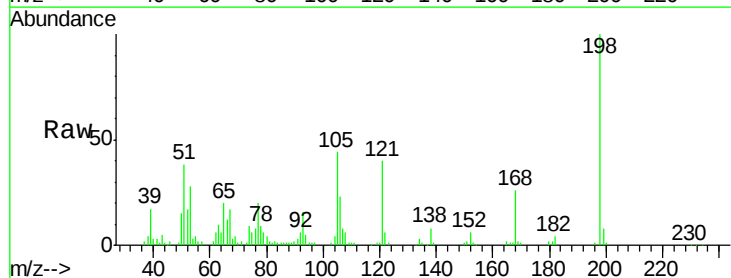
Instrument :
BNA_F
ClientSampleId :

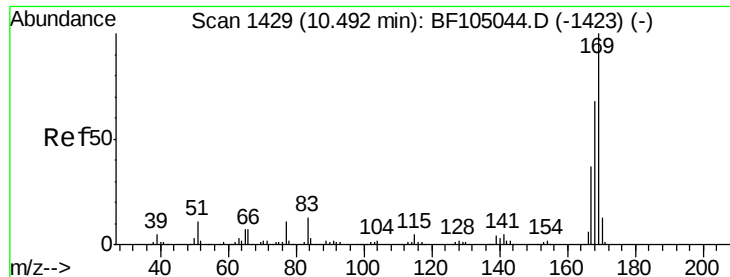
Tot Ion:188 Resp: 337127
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.70 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:198 Resp: 66595
Ion Ratio Lower Upper
198 100
51 37.6 37.7 77.7#
105 43.8 36.3 76.3

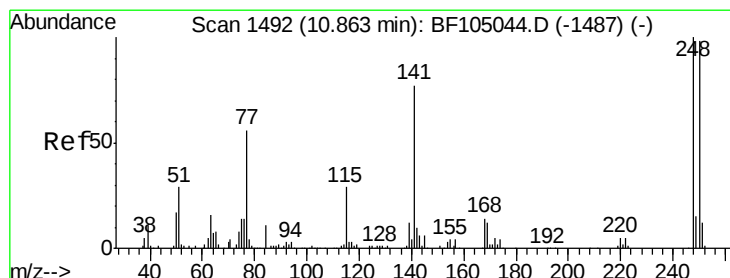
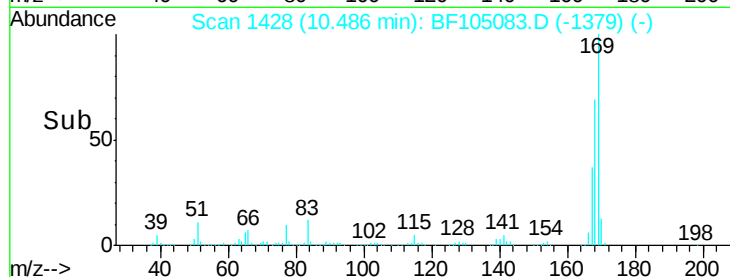
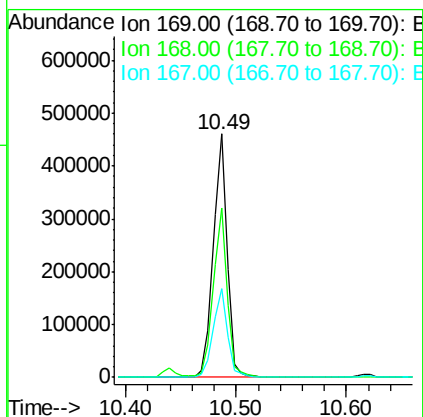
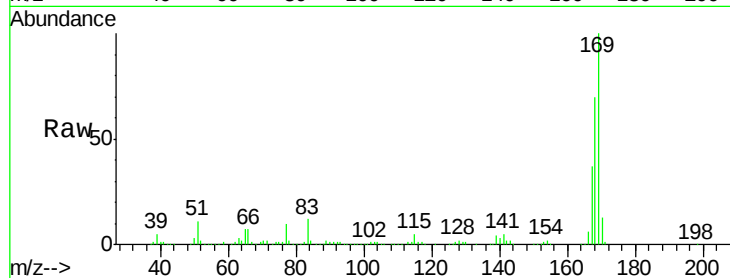




#65
 n-Nitrosodiphenylamine
 Concen: 33.78 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

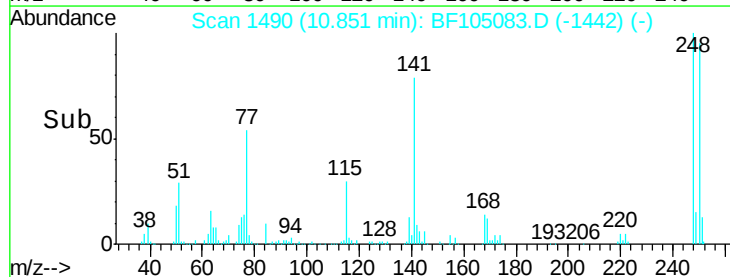
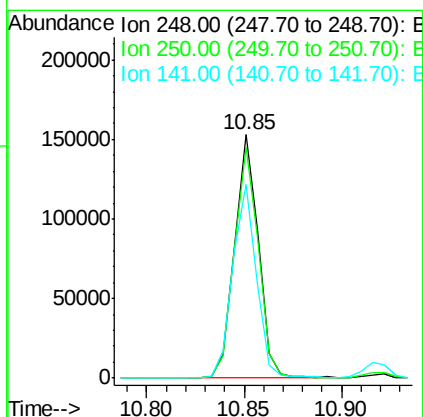
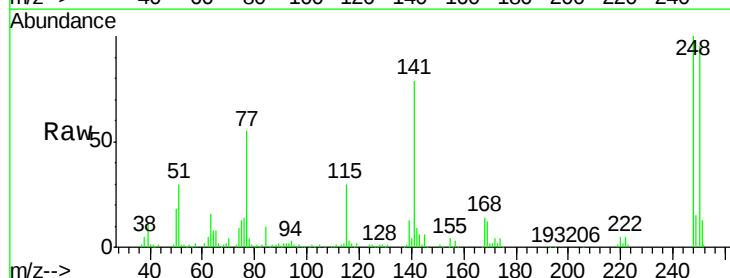
Instrument :
 BNA_F
 ClientSampleId :

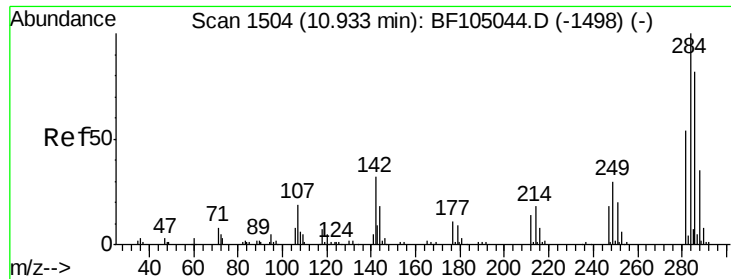
Tot Ion:169 Resp: 394884
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.09 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:248 Resp: 129427
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 79.4 74.4 111.6

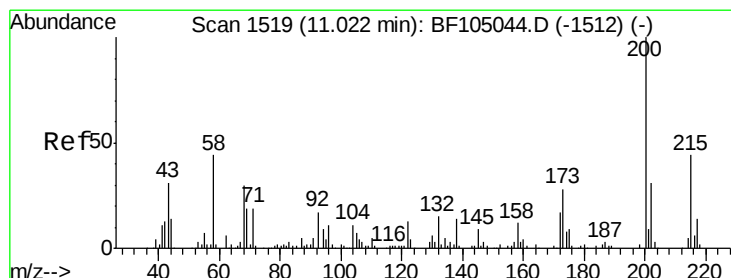
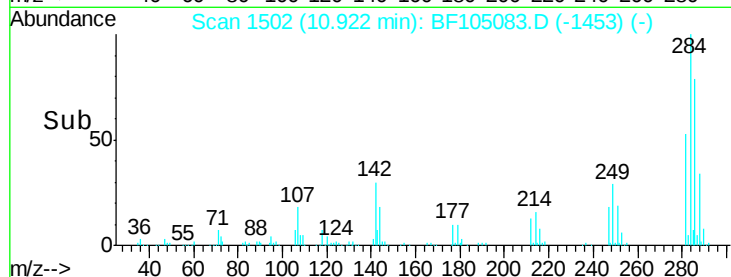
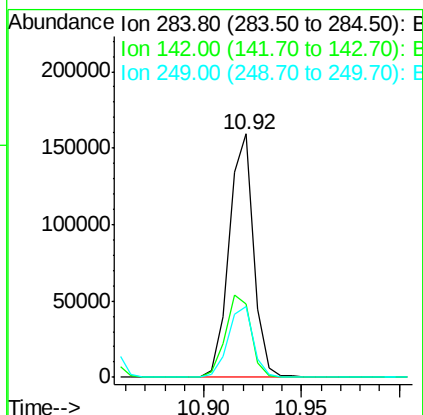
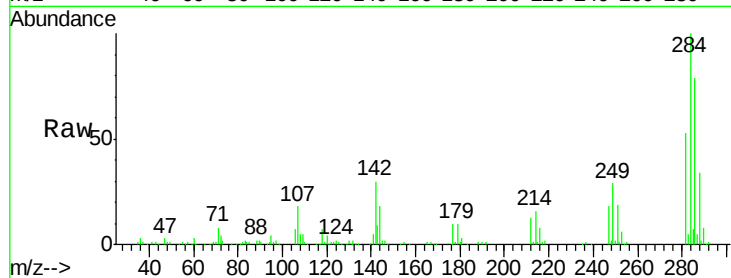




#67
Hexachlorobenzene
Concen: 34.29 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

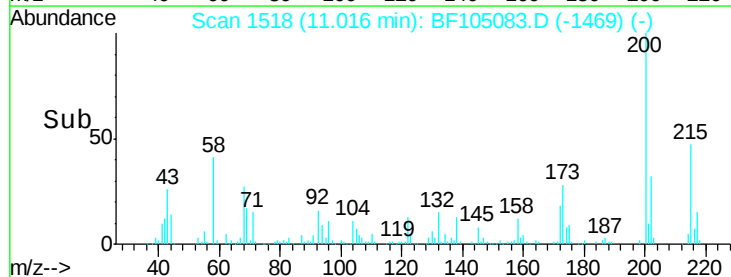
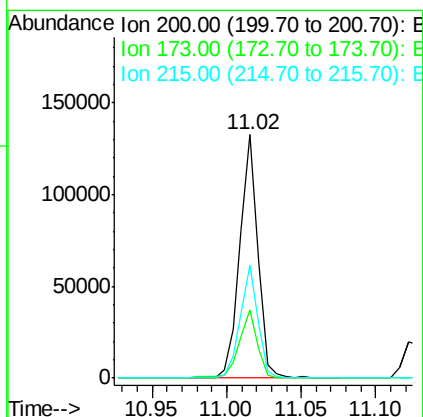
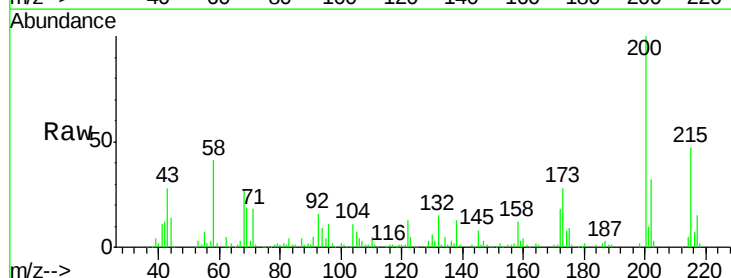
Instrument :
BNA_F
ClientSampleId :

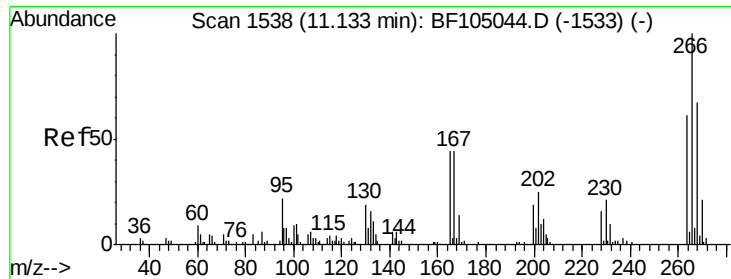
Tot Ion:284 Resp: 138353
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 29.2 24.8 37.2



#68
Atrazine
Concen: 32.00 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:200 Resp: 112911
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 46.5 25.1 65.1

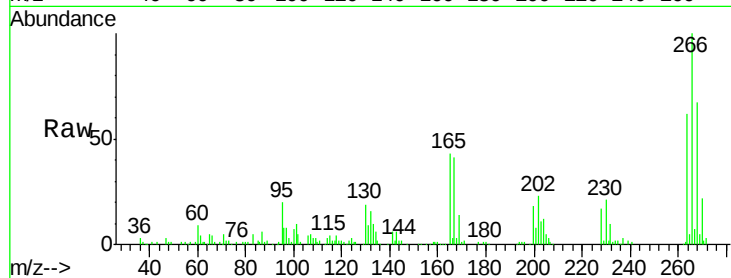




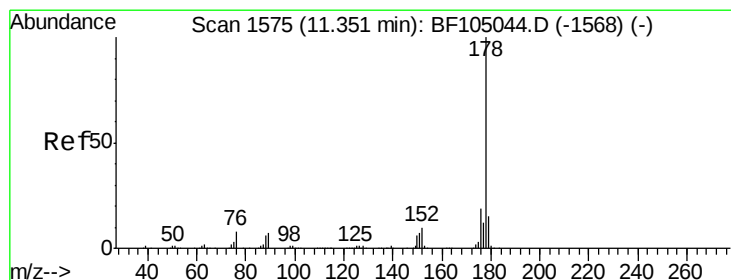
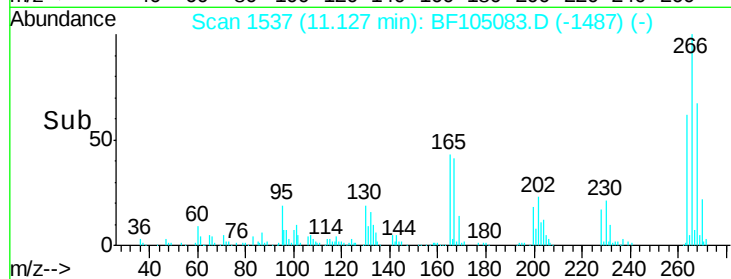
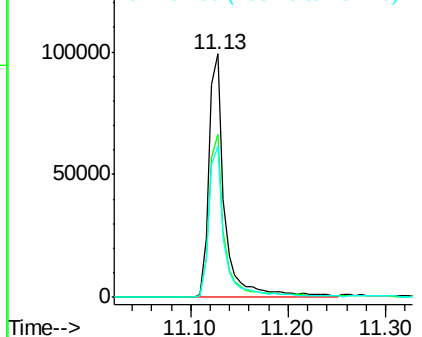
#69
 Pentachlorophenol
 Concen: 44.85 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 111960
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 62.1 49.5 74.3

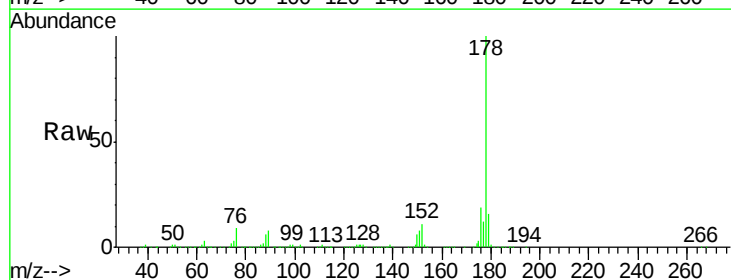


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

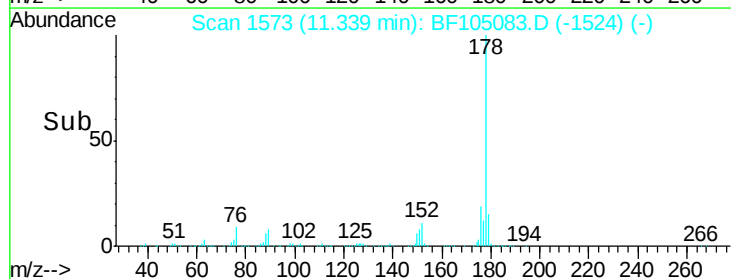
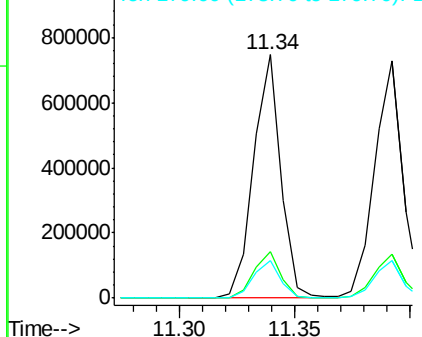


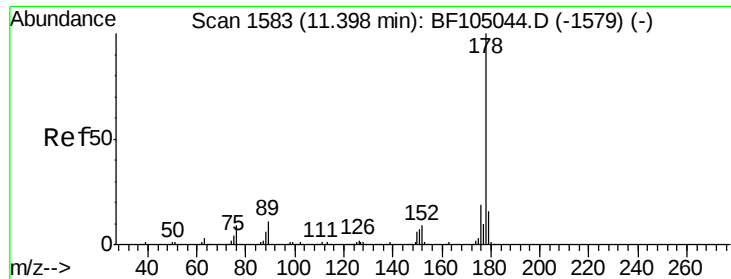
#70
 Phenanthrene
 Concen: 32.95 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:178 Resp: 618687
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 13.0 19.6



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

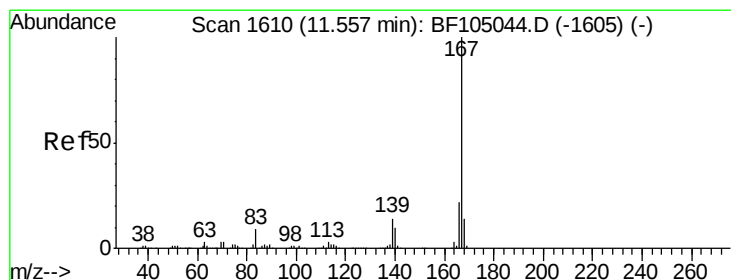
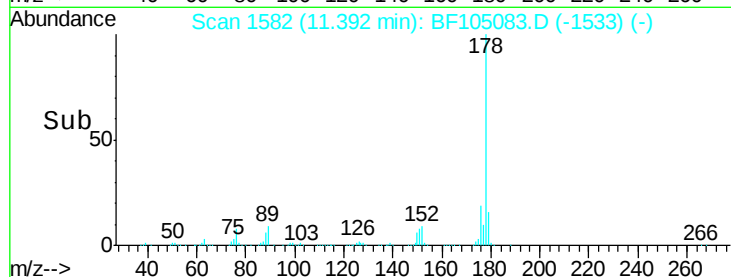
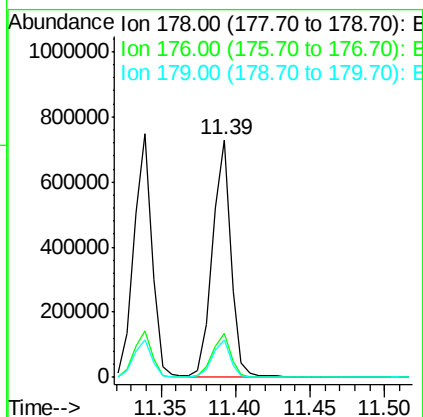
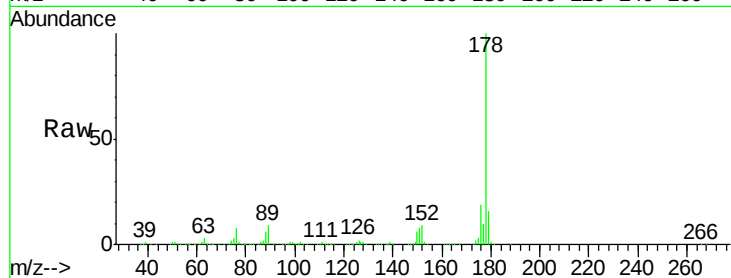




#71
 Anthracene
 Concen: 32.68 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

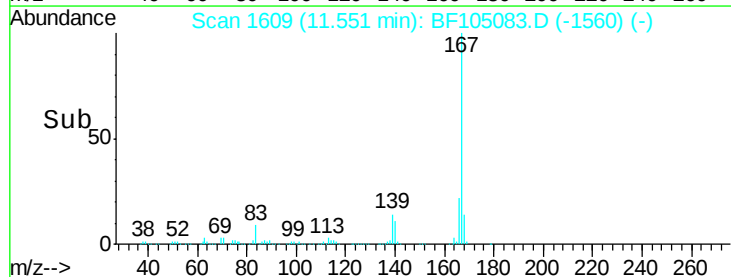
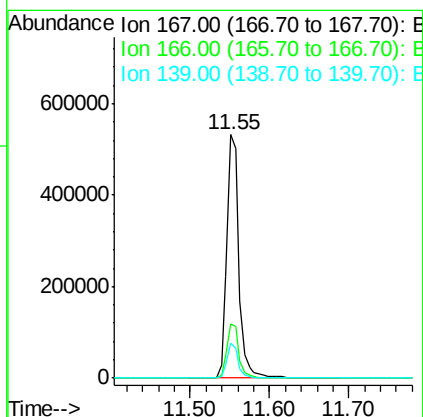
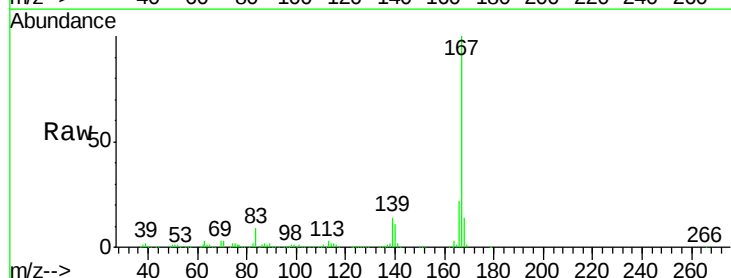
Instrument :
 BNA_F
 ClientSampleId :

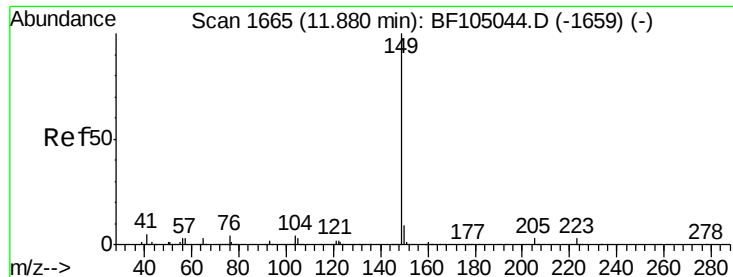
Tot Ion:178 Resp: 623717
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 30.00 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:167 Resp: 559476
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.56 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampled :

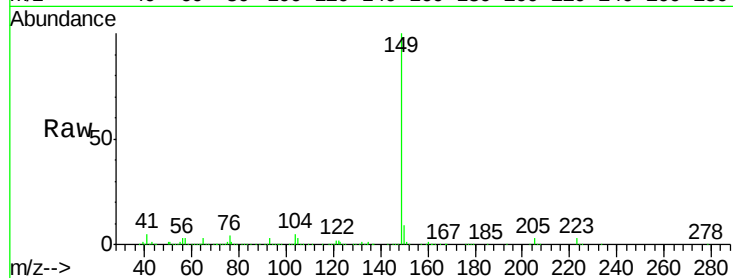
Tot Ion:149 Resp: 741673

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

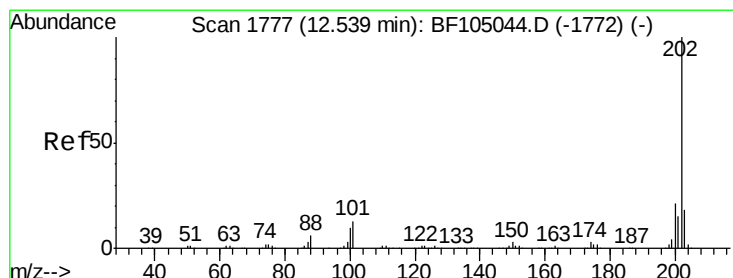
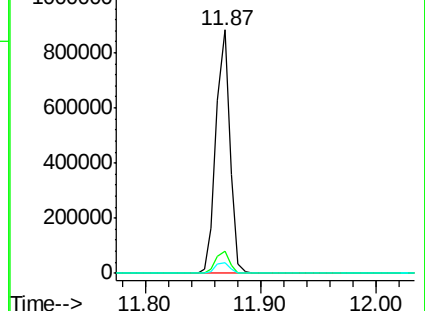
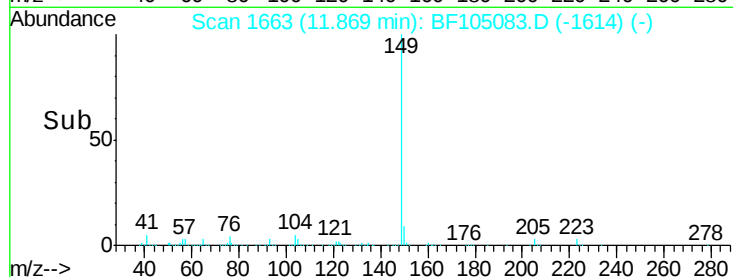
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.26 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

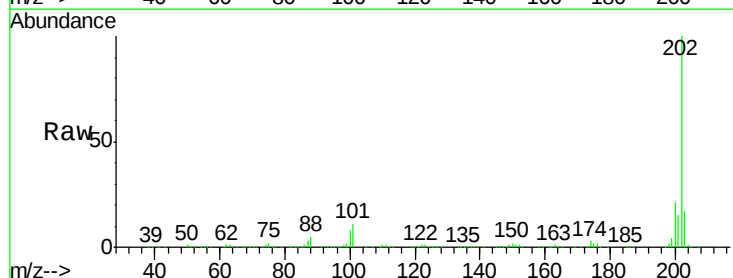
Tgt Ion:202 Resp: 593598

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

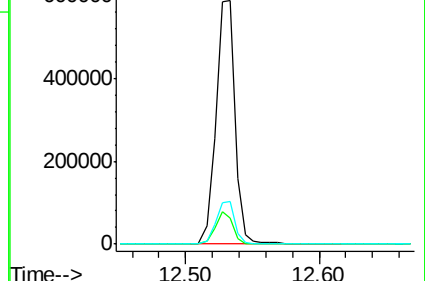
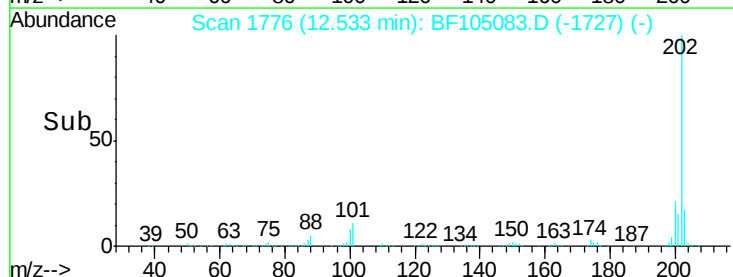
203 17.4 0.0 38.1

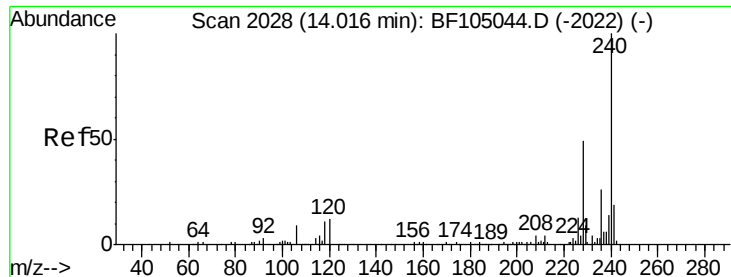


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

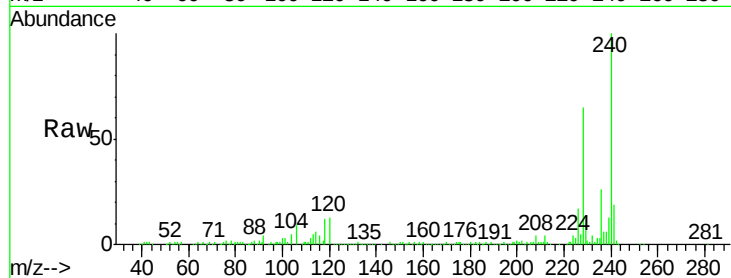
Tot Ion:240 Resp: 199113

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

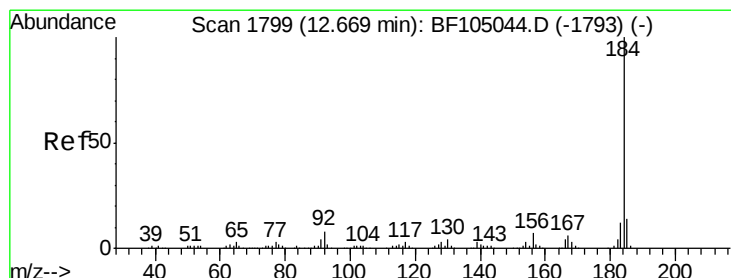
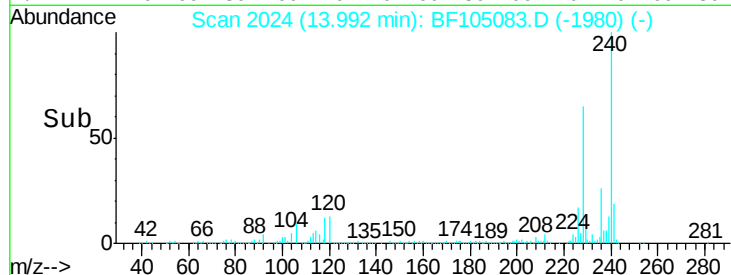
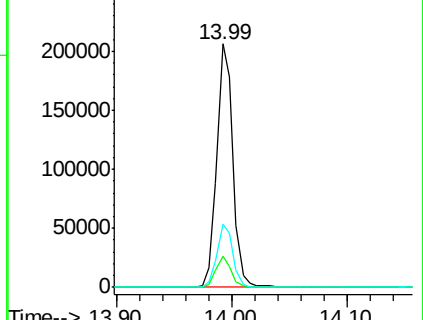
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.08 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

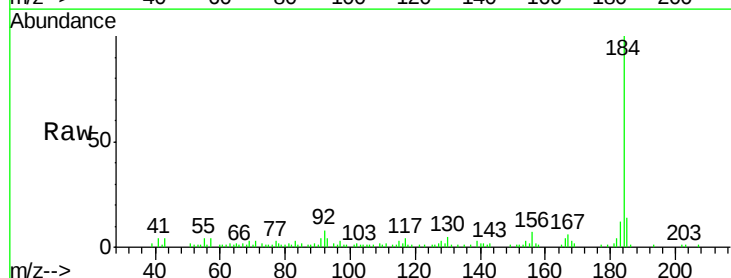
Tgt Ion:184 Resp: 70263

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

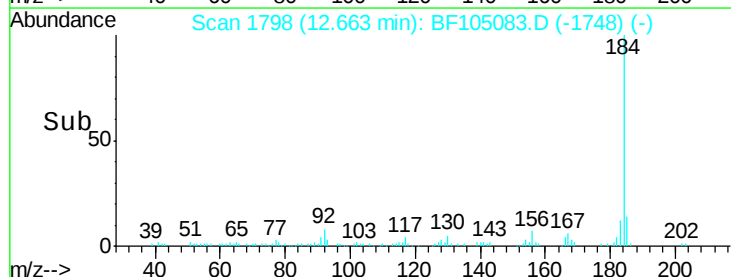
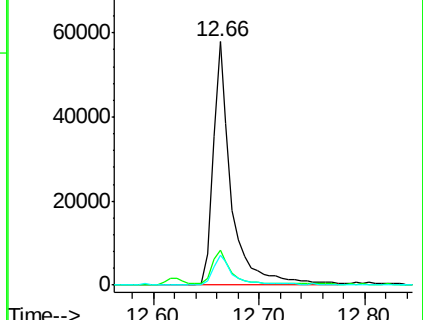
183 12.1 9.3 13.9

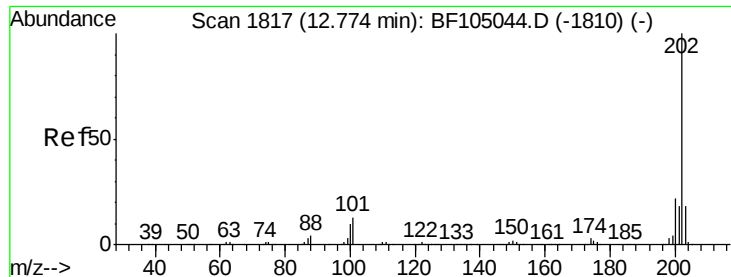


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

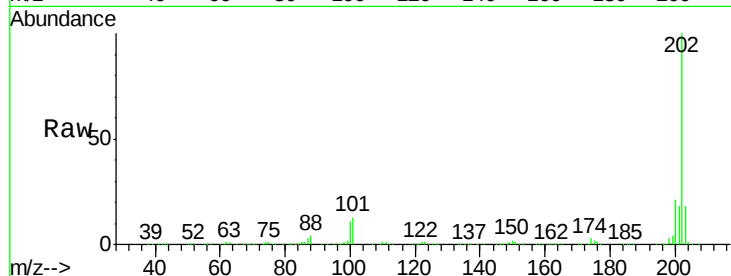




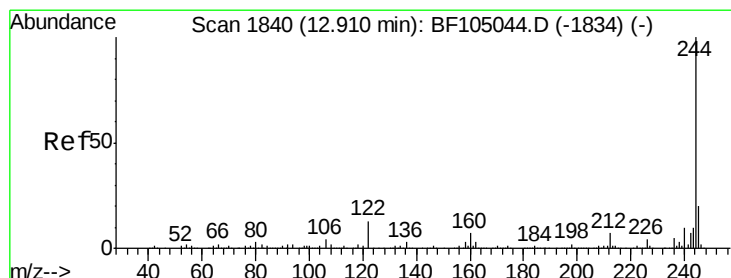
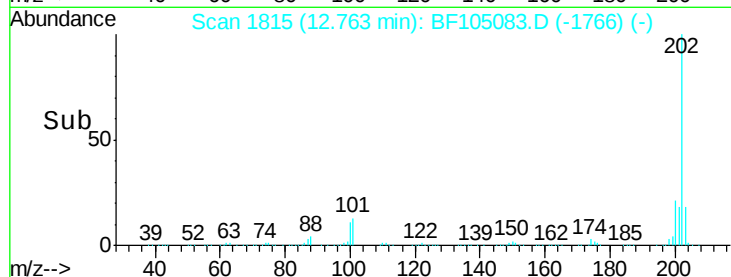
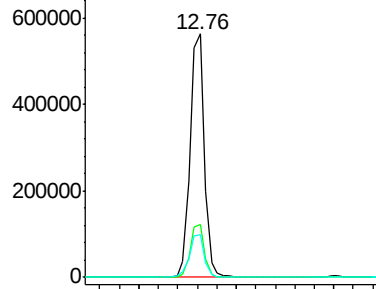
#77
Pvrene
Concen: 38.81 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 572777
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.3 21.5

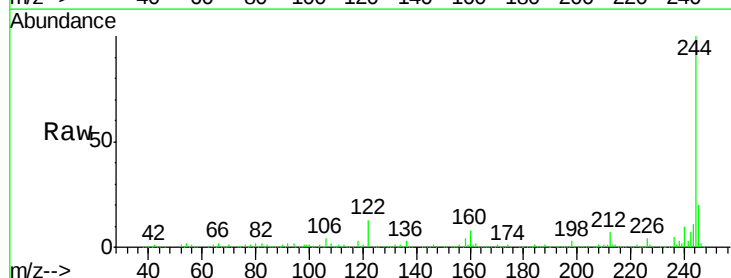


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

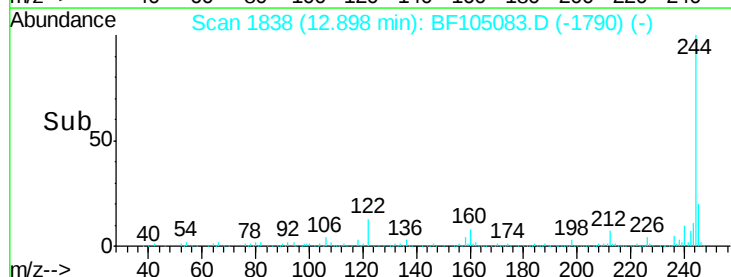
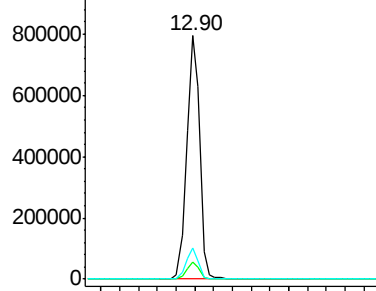


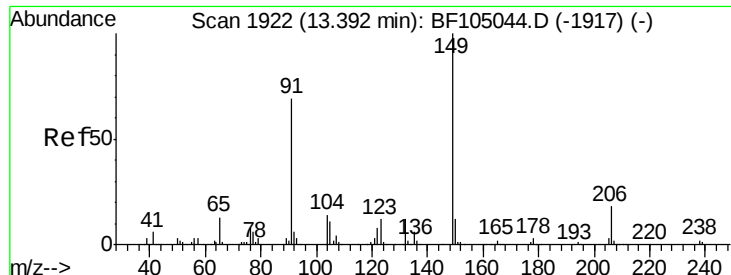
#78
Terphenyl-d14
Concen: 88.86 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:244 Resp: 776086
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.9 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

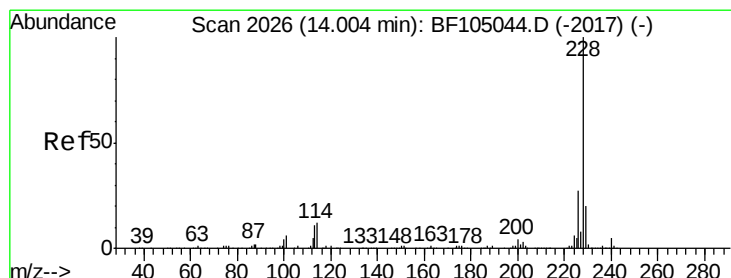
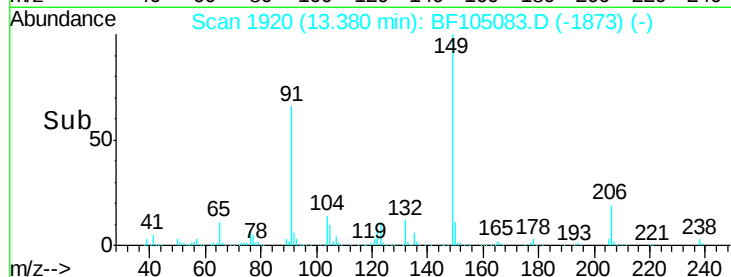
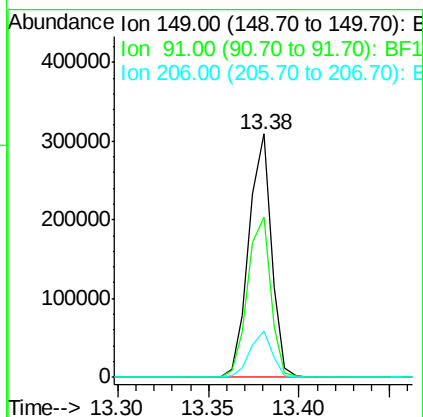
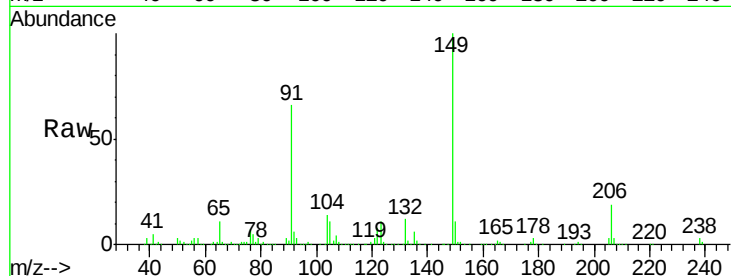




#79
Butylbenzylphthalate
Concen: 38.46 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

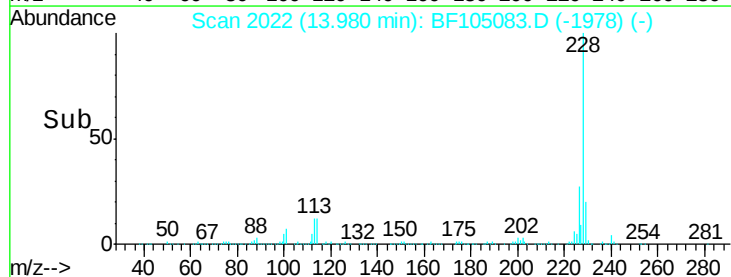
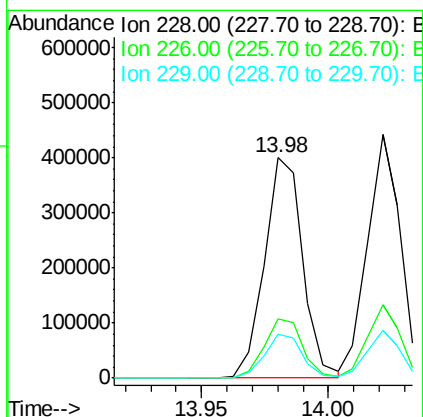
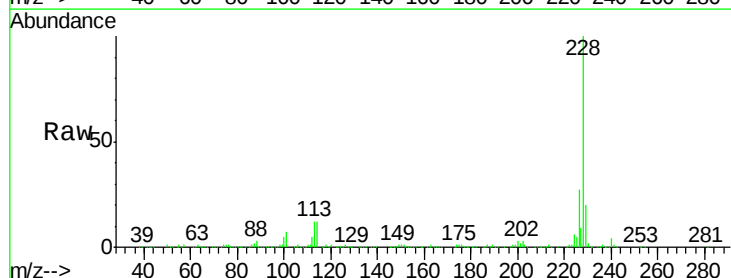
Instrument :
BNA_F
ClientSampleId :

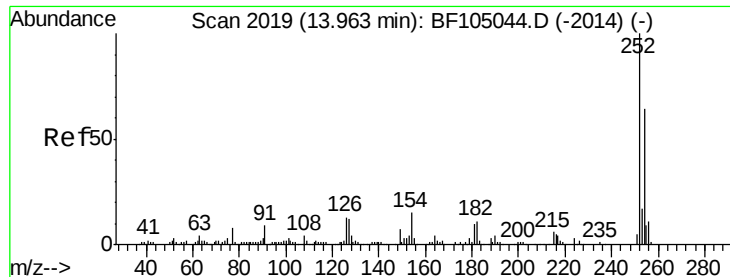
Tot Ion:149 Resp: 267403
Ion Ratio Lower Upper
149 100
91 66.1 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.66 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:228 Resp: 424237
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.0 15.8 23.6

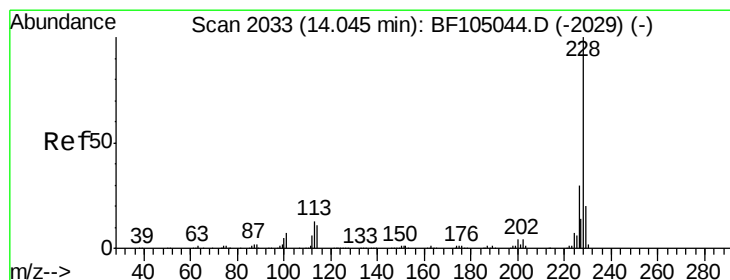
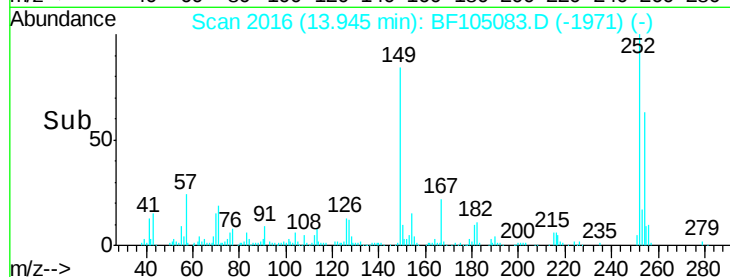
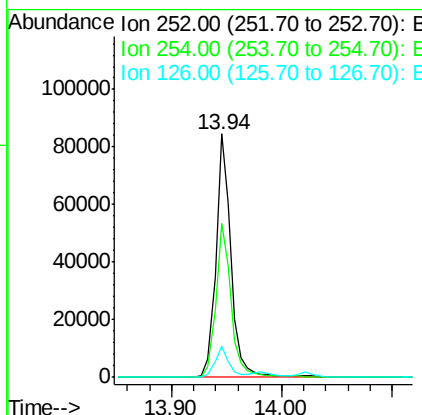
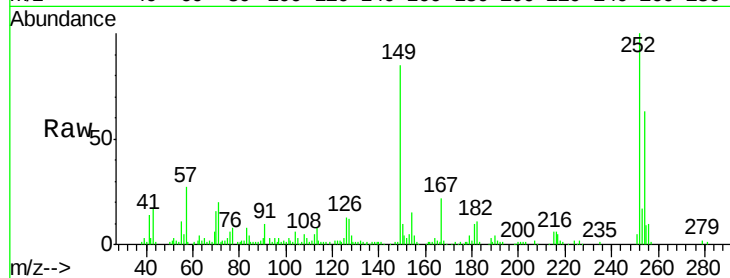




#81
 3,3'-Dichlorobenzidine
 Concen: 18.04 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

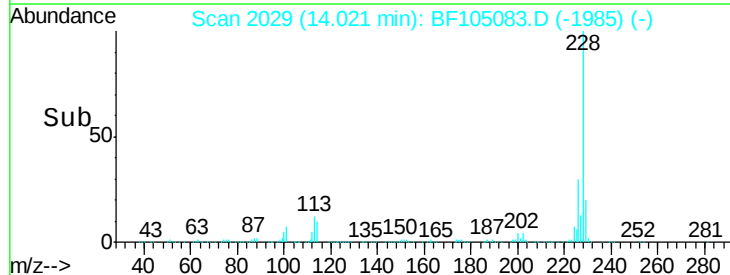
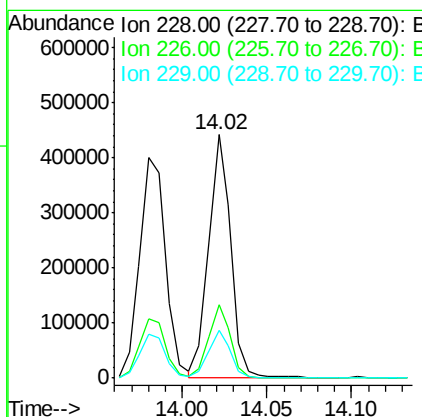
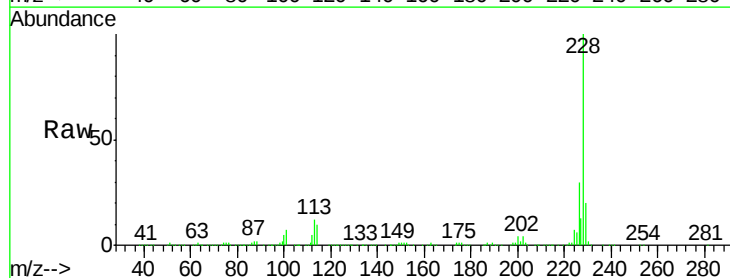
Instrument :
 BNA_F
 ClientSampleId :

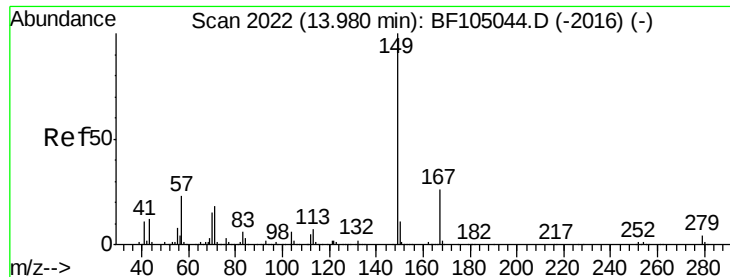
Tot Ion:252 Resp: 80023
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 33.23 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.04 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Tgt Ion:228 Resp: 406069
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.68 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.04 min

Lab File: BF105083.D

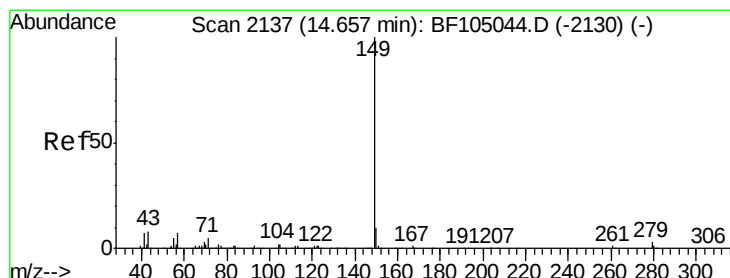
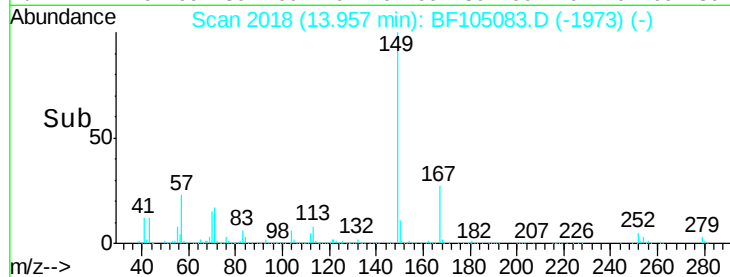
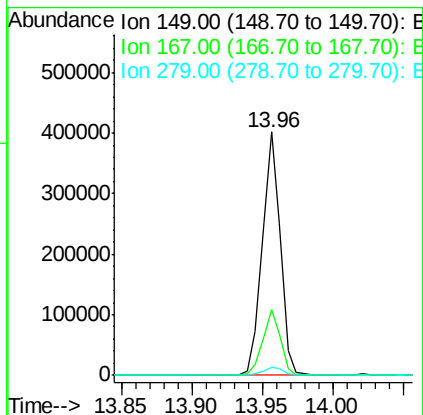
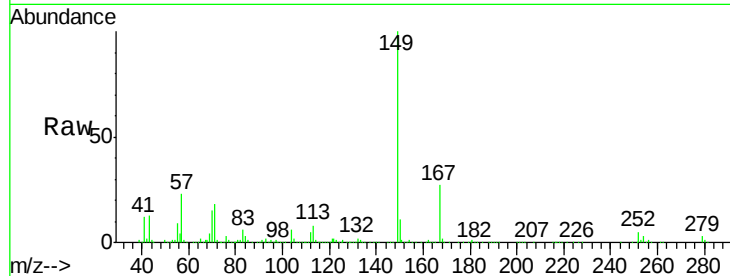
Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	363857
Ion Ratio	Lower	Upper
149	100	
167	26.8	21.3 31.9
279	3.2	3.0 4.4



#84

Di-n-octyl phthalate

Concen: 36.65 ng

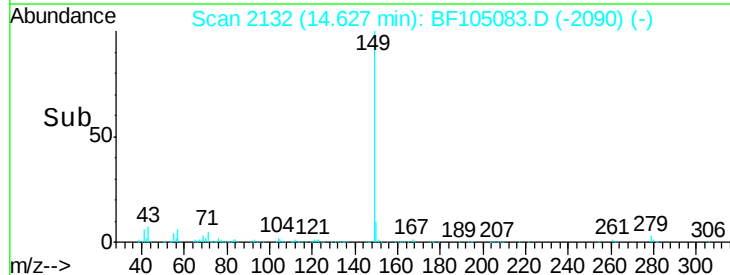
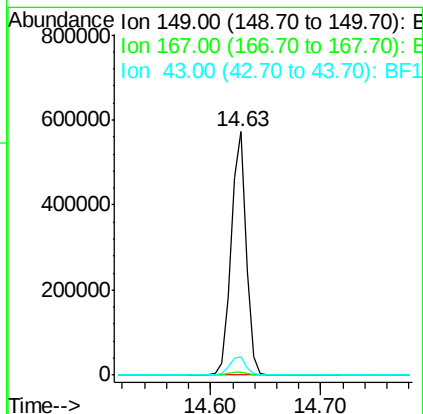
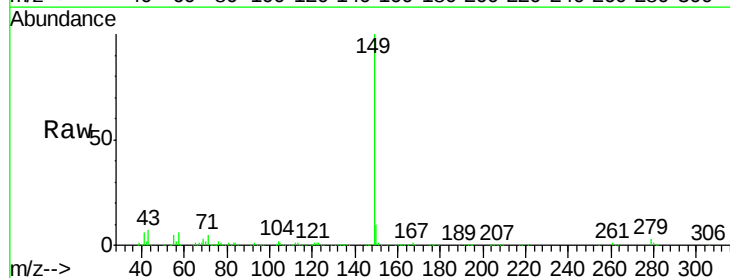
RT: 14.63 min Scan# 2132

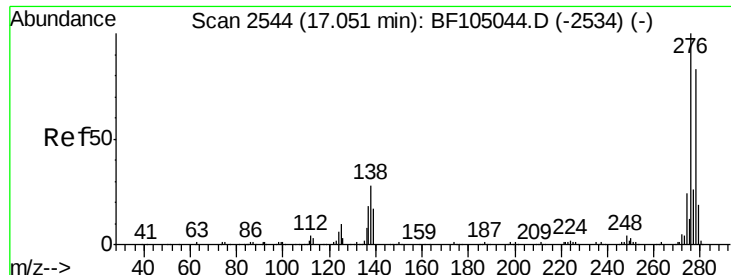
Delta R.T. -0.05 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Tgt Ion:149	Resp:	547753
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.2 1.8
43	7.7	8.4 12.6#

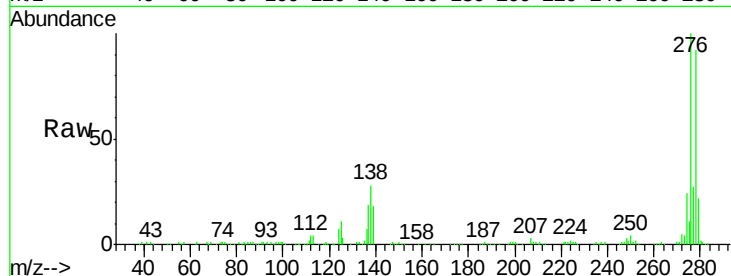




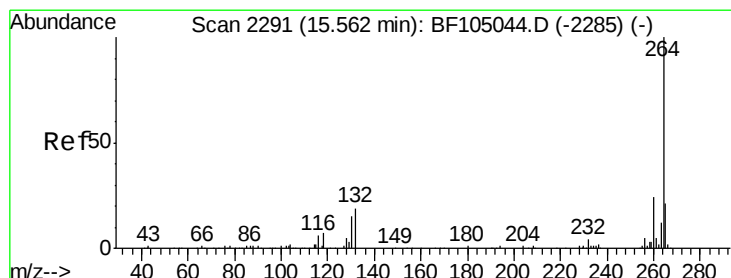
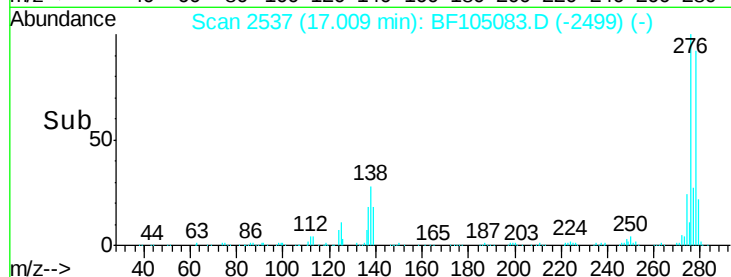
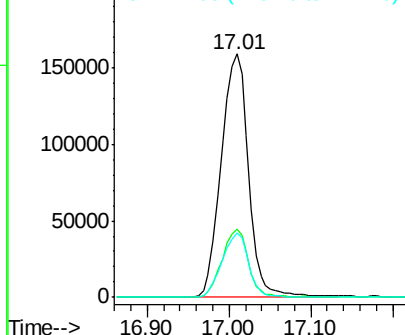
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.87 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.08 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 372324
Ion Ratio Lower Upper
276 100
138 27.1 25.0 37.6
277 25.6 20.1 30.1

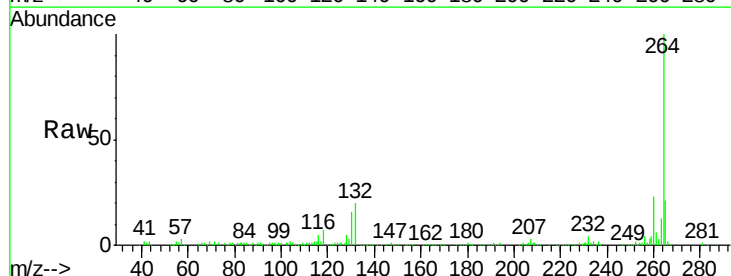


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

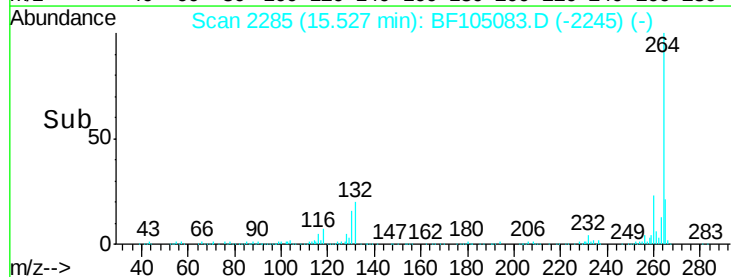
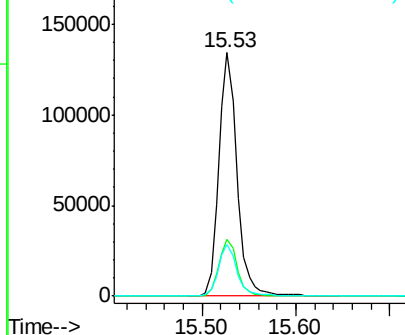


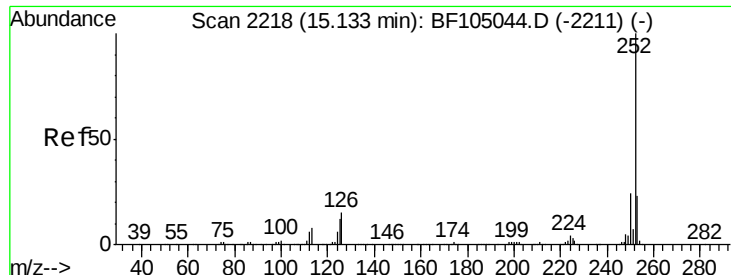
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.06 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:264 Resp: 182835
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 17.5 26.3



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

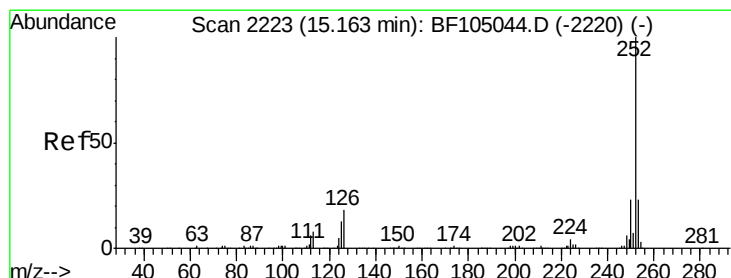
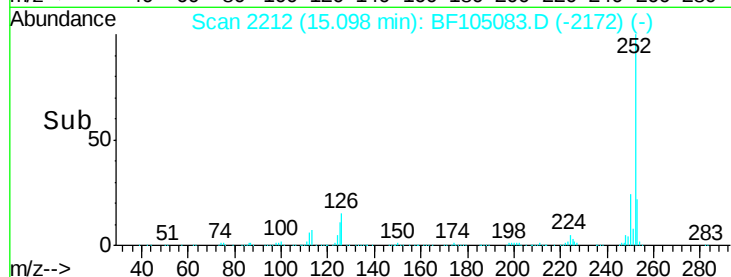
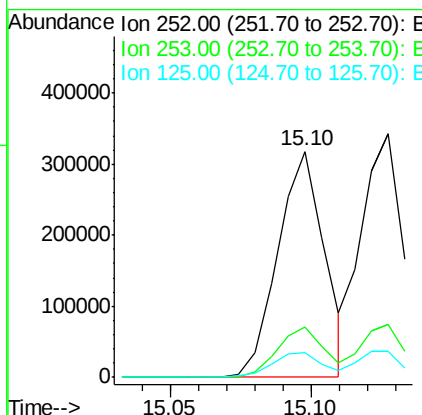
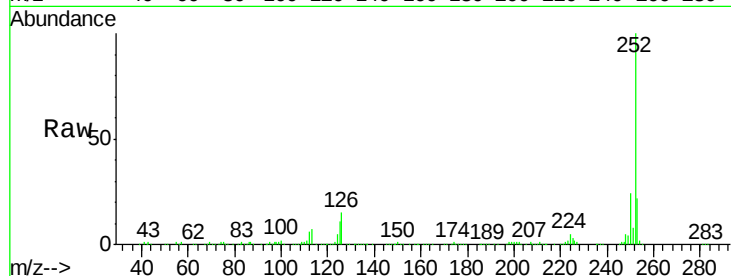




#87
Benzo(b)fluoranthene
Concen: 31.64 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.06 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

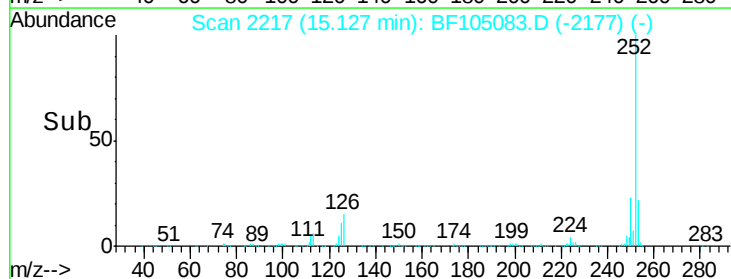
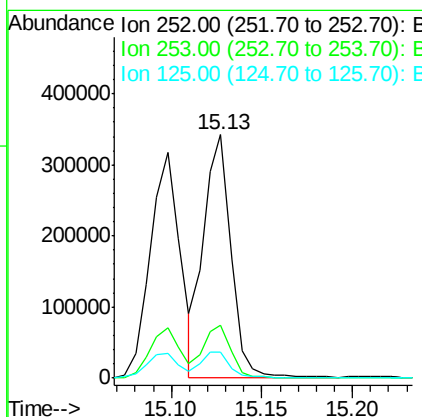
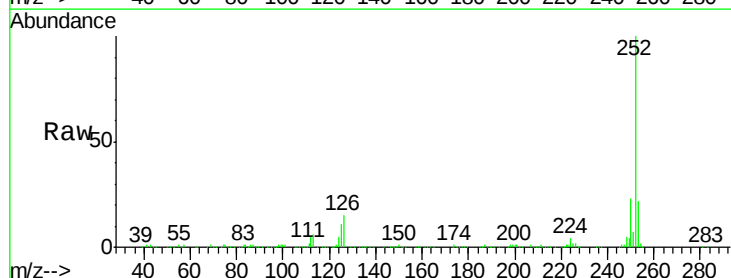
Instrument :
BNA_F
ClientSampleId :

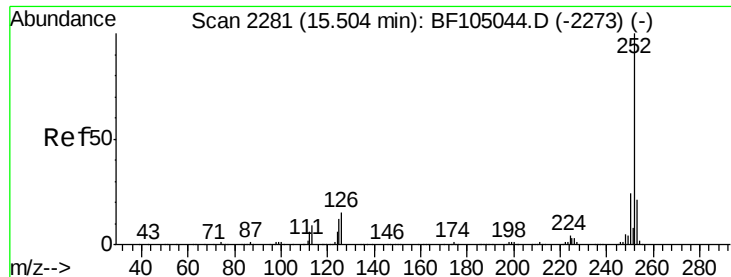
Tot Ion:252 Resp: 365395
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.84 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.06 min
Lab File: BF105083.D
Acq: 3 May 2018 20:04

Tgt Ion:252 Resp: 358032
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.52 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.06 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

Instrument :

BNA_F

ClientSampleId :

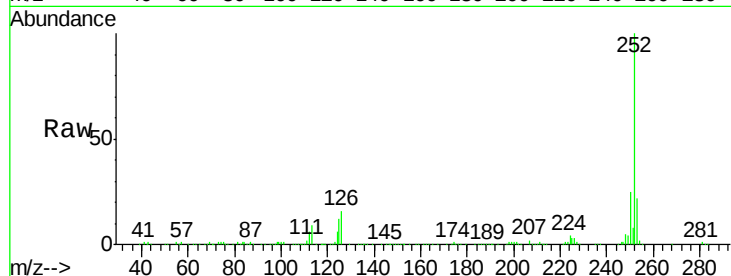
Tot Ion:252 Resp: 346293

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

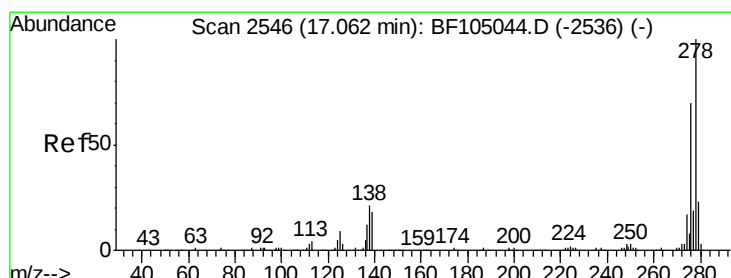
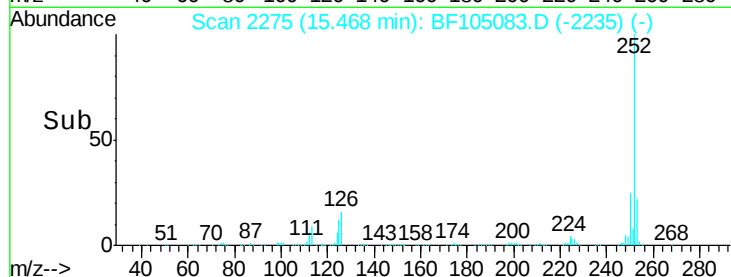
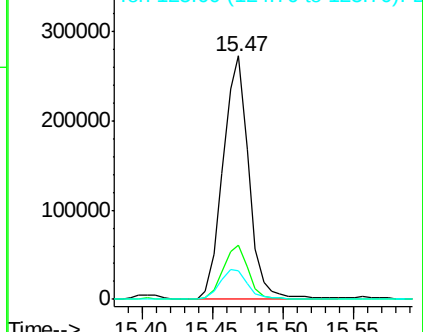
125 11.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.22 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.08 min

Lab File: BF105083.D

Acq: 3 May 2018 20:04

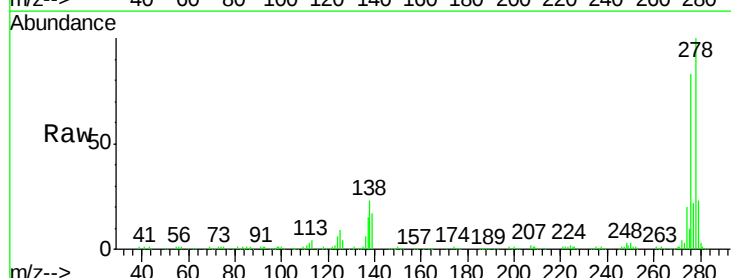
Tgt Ion:278 Resp: 315863

Ion Ratio Lower Upper

278 100

139 16.7 15.9 23.9

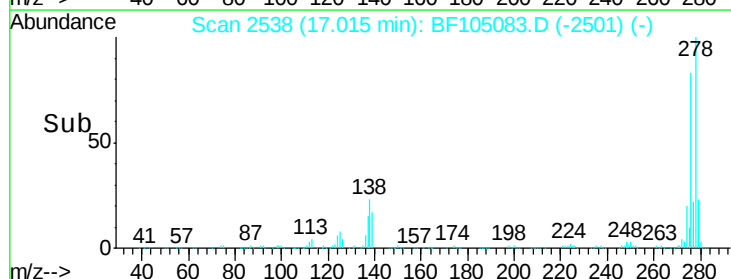
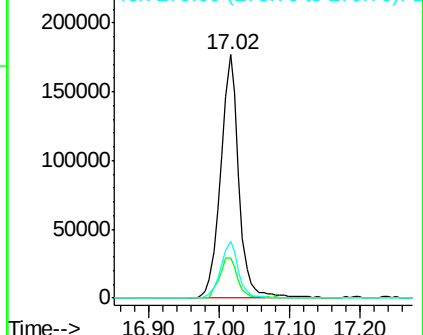
279 23.3 19.0 28.4

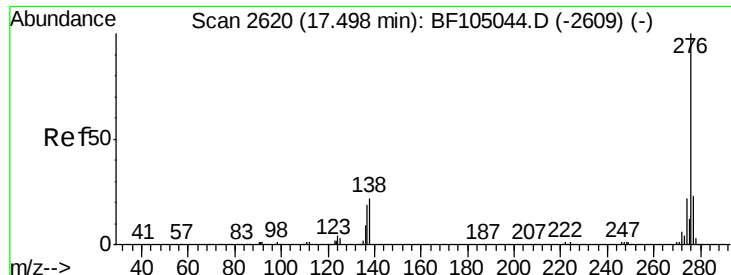


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

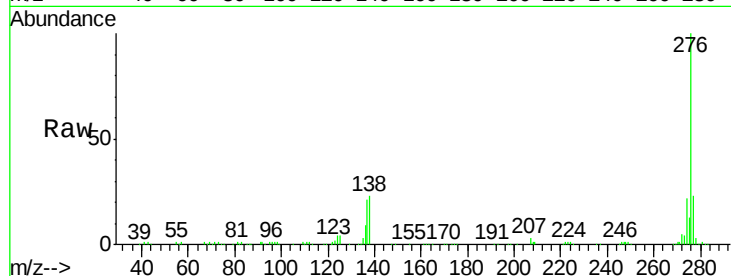




#91
 Benzo(a,h,i)perylene
 Concen: 37.09 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.08 min
 Lab File: BF105083.D
 Acq: 3 May 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	23.0	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

