

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105078.D
 Acq On : 3 May 2018 17:48
 Operator : JU/SJ
 Sample : PB108660BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:56:09 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	98754	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	421890	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	214369	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	402398	20.00	ng	0.00
75) Chrysene-d12	14.02	240	292015	20.00	ng	-0.02
86) Perylene-d12	15.57	264	232643	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	738723	114.38	ng	0.01
7) Phenol-d6	6.44	99	861150	108.52	ng	0.00
23) Nitrobenzene-d5	7.35	82	537938	83.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	268224	120.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1086288	80.05	ng	-0.01
78) Terphenyl-d14	12.90	244	1140398	89.03	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	83042	27.59	ng	# 88
3) Pyridine	3.30	79	219053	25.89	ng	85
4) n-Nitrosodimethylamine	3.26	42	88704	29.99	ng	80
6) Aniline	6.45	93	187153	16.98	ng	# 1
8) 2-Chlorophenol	6.57	128	275696	40.44	ng	93
9) Benzaldehyde	6.33	77	95094	19.93	ng	97
10) Phenol	6.45	94	315784	37.51	ng	79
11) bis(2-Chloroethyl)ether	6.52	93	253073	37.67	ng	92
12) 1,3-Dichlorobenzene	6.72	146	284297	36.81	ng	98
13) 1,4-Dichlorobenzene	6.80	146	290624	37.75	ng	98
14) 1,2-Dichlorobenzene	6.95	146	267170	37.45	ng	98
15) Benzyl Alcohol	6.94	79	208428	34.58	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	278791	30.90	ng	# 1
17) 2-Methylphenol	7.06	107	223378	37.70	ng	# 87
18) Hexachloroethane	7.28	117	102752	37.44	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	183472	35.38	ng	92
20) 3+4-Methylphenols	7.21	107	303096	41.24	ng	97
22) Acetophenone	7.20	105	378667	36.46	ng	# 93
24) Nitrobenzene	7.37	77	273194	38.30	ng	99
25) Isophorone	7.61	82	511851	37.46	ng	# 97
26) 2-Nitrophenol	7.69	139	158872	54.71	ng	92
27) 2,4-Dimethylphenol	7.73	122	247842	41.10	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	328233	39.29	ng	99
29) 2,4-Dichlorophenol	7.94	162	247543	43.03	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	244108	38.66	ng	97
31) Naphthalene	8.09	128	811281	38.62	ng	100
32) Benzoic acid	7.89	122	173280	36.02	ng	97
33) 4-Chloroaniline	8.16	127	48865	5.43	ng	95
34) Hexachlorobutadiene	8.19	225	135225	39.10	ng	97
35) Caprolactam	8.53	113	51423	25.62	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	263826	42.77	ng	97
37) 2-Methylnaphthalene	8.78	142	542852	39.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	241632	39.38	ng	99
40) Hexachlorocyclopentadiene	8.92	237	194919	56.74	ng	97

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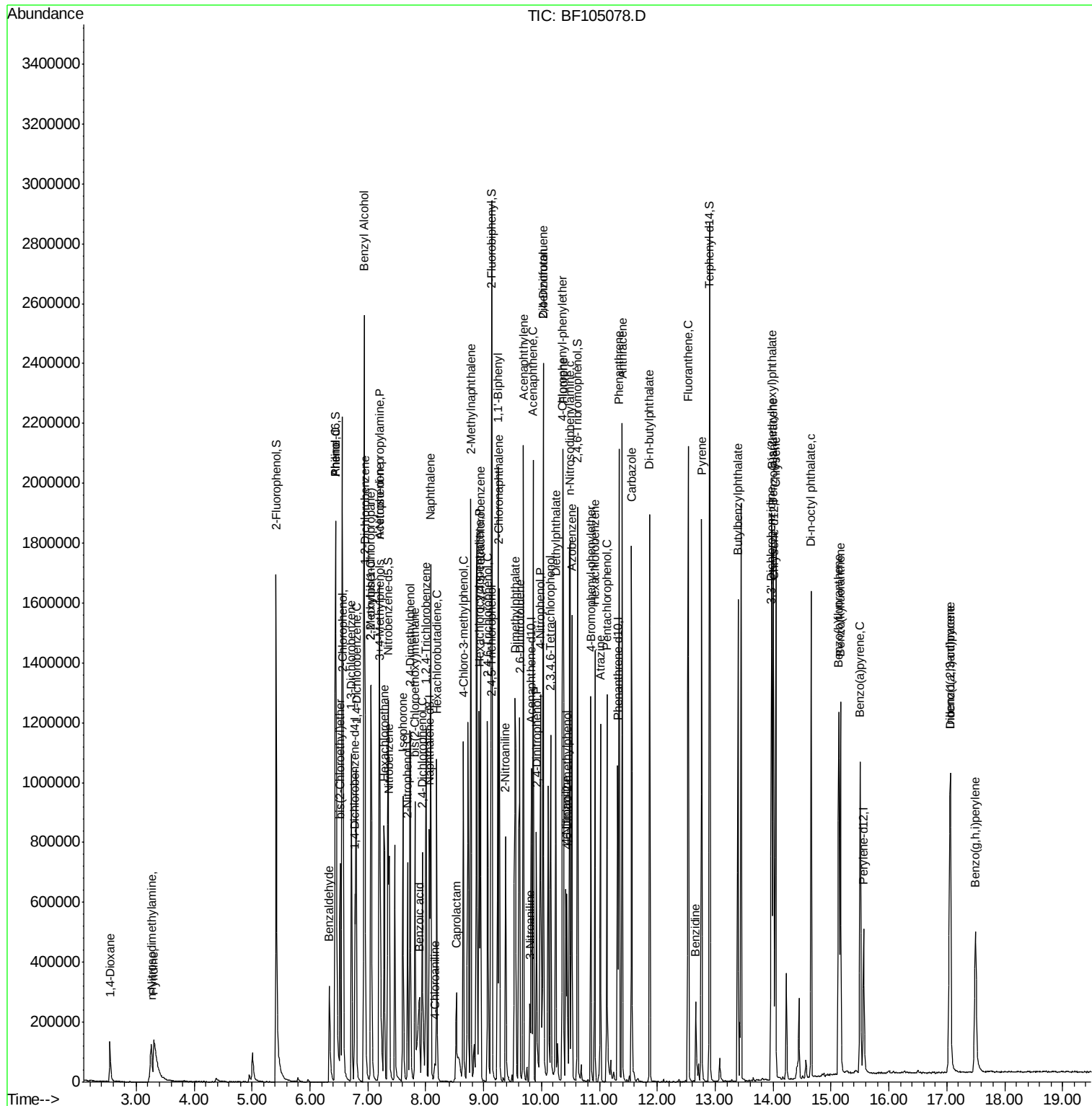
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42) 2,4,6-Trichlorophenol	9.07	196	168343	39.52	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	175163	36.75	ng	95
45) 1,1'-Biphenyl	9.25	154	667210	37.05	ng	99
46) 2-Chloronaphthalene	9.27	162	531219	37.35	ng	99
47) 2-Nitroaniline	9.38	65	149867	42.60	ng	96
48) Acenaphthylene	9.69	152	779319	34.92	ng	100
49) Dimethylphthalate	9.55	163	653592	38.66	ng	99
50) 2,6-Dinitrotoluene	9.62	165	143601	45.91	ng	94
51) Acenaphthene	9.86	154	471011	34.59	ng	100
52) 3-Nitroaniline	9.80	138	53831	14.70	ng	90
53) 2,4-Dinitrophenol	9.91	184	141798	98.64	ng	# 22
54) Dibenzofuran	10.03	168	683677	36.03	ng	96
55) 4-Nitrophenol	9.99	139	161788	56.24	ng	98
56) 2,4-Dinitrotoluene	10.03	165	174961	42.64	ng	95
57) Fluorene	10.37	166	576987	41.77	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147945	41.60	ng	93
59) Diethylphthalate	10.25	149	645045	38.31	ng	99
60) 4-Chlorophenyl-phenylether	10.36	204	271786	44.18	ng	98
61) 4-Nitroaniline	10.42	138	139422	38.94	ng	99
62) Azobenzene	10.53	77	573121	35.63	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	98518	49.92	ng	# 73
65) n-Nitrosodiphenylamine	10.49	169	523672	37.53	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	172033	40.19	ng	# 87
67) Hexachlorobenzene	10.92	284	191844	39.83	ng	# 90
68) Atrazine	11.02	200	151167	35.89	ng	97
69) Pentachlorophenol	11.13	266	161210	54.11	ng	98
70) Phenanthrene	11.34	178	830692	37.07	ng	99
71) Anthracene	11.39	178	867099	38.07	ng	99
72) Carbazole	11.56	167	788899	35.44	ng	99
73) Di-n-butylphthalate	11.87	149	1030680	37.91	ng	99
74) Fluoranthene	12.53	202	870426	37.18	ng	98
76) Benzidine	12.66	184	135634	9.33	ng	97
77) Pyrene	12.77	202	868907	40.14	ng	98
79) Butylbenzylphthalate	13.39	149	418191	41.01	ng	93
80) Benzo(a)anthracene	14.00	228	736199	42.20	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	95592	14.70	ng	98
82) Chrysene	14.04	228	688866	38.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	575504	43.88	ng	99
84) Di-n-octyl phthalate	14.66	149	899202	41.03	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.06	276	524388	34.45	ng	95
87) Benzo(b)fluoranthene	15.13	252	620728	42.25	ng	99
88) Benzo(k)fluoranthene	15.17	252	566505	40.84	ng	97
89) Benzo(a)pyrene	15.51	252	540119	41.08	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	434701	40.26	ng	98
91) Benzo(g,h,i)perylene	17.50	276	443940	42.44	ng	95

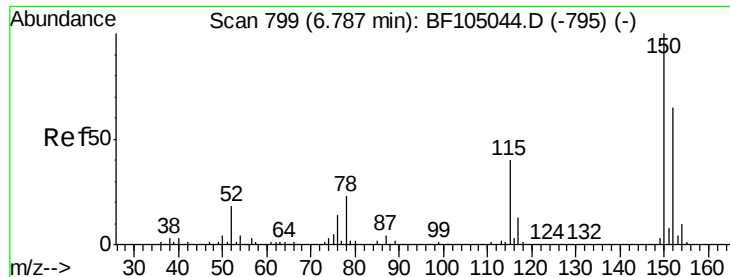
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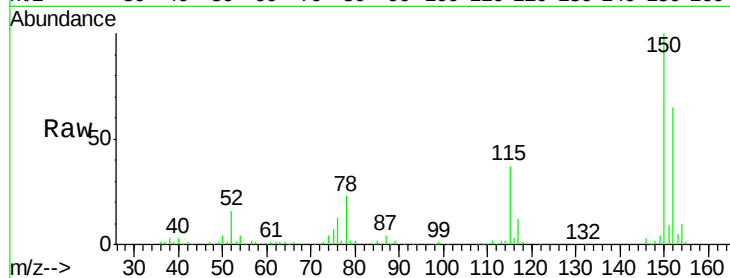


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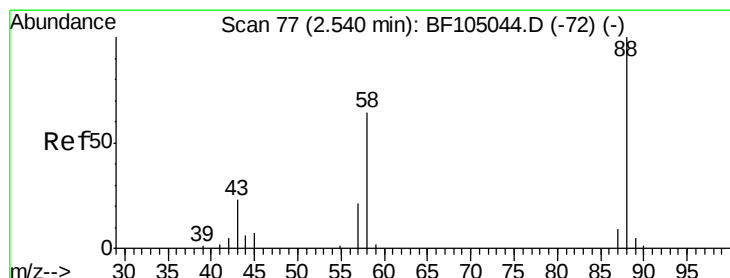
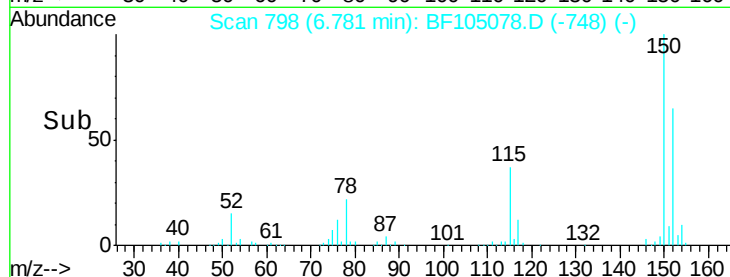
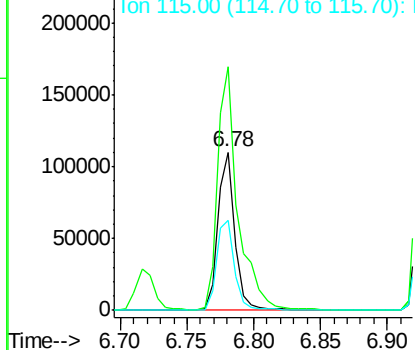
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98754
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 57.1 50.1 75.1



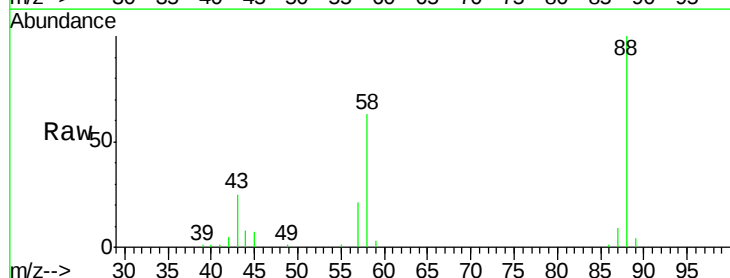
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



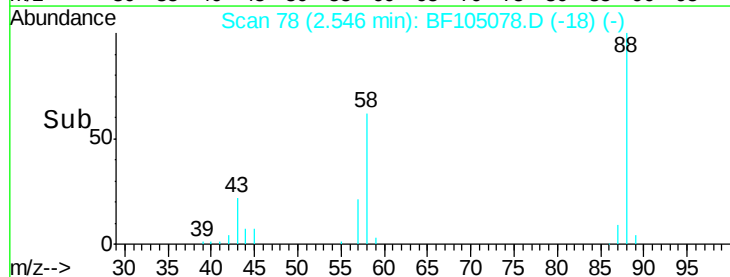
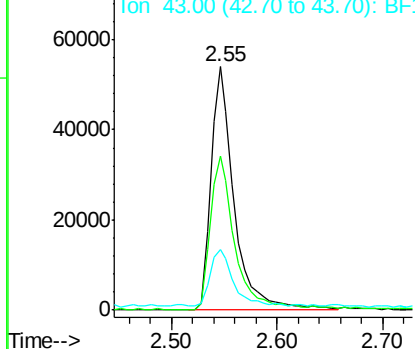
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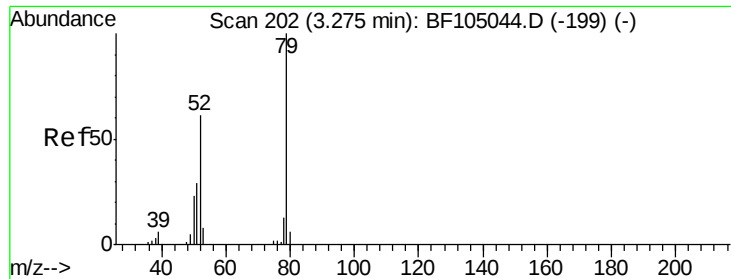
1,4-Dioxane
Concen: 27.59 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion: 88 Resp: 83042
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 23.0 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

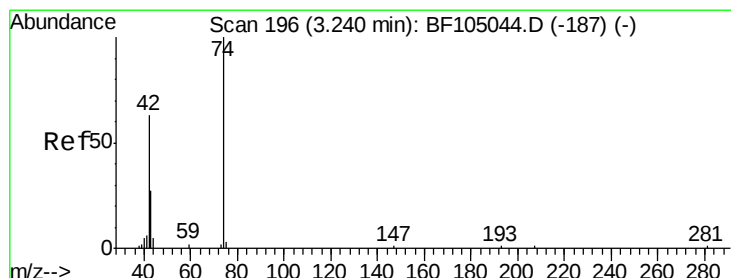
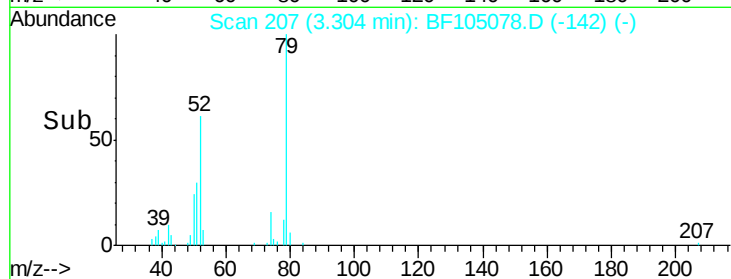
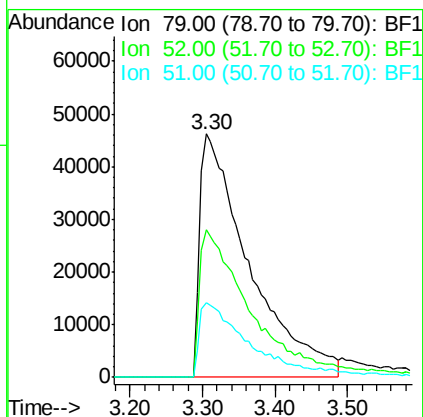
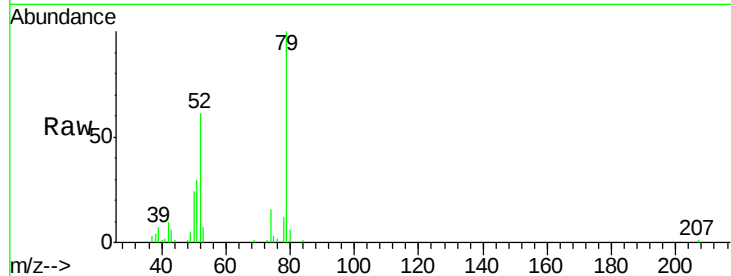




#3
 Pvridine
 Concen: 25.89 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.08 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

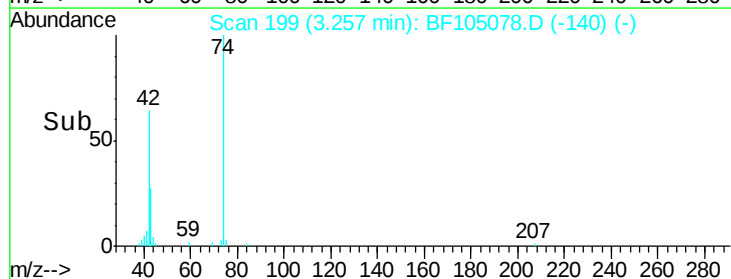
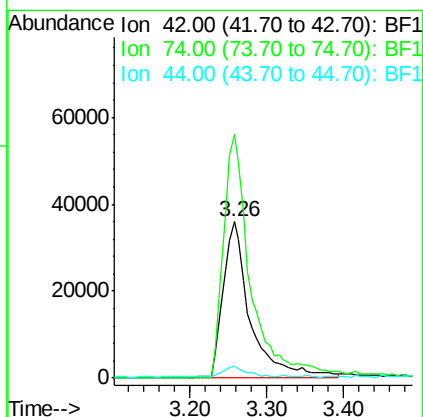
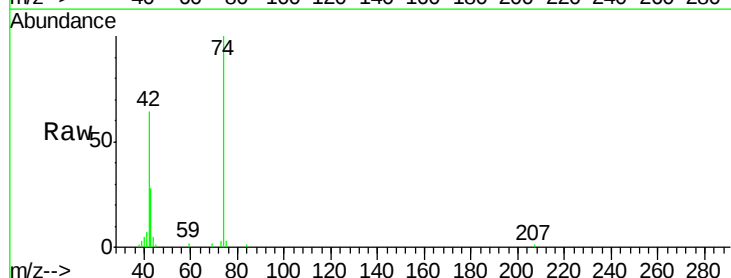
Instrument :
 BNA_F
 ClientSampleId :

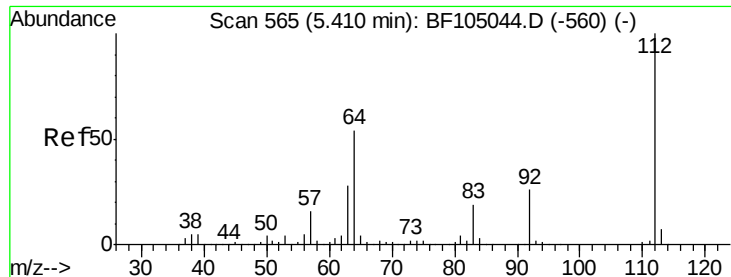
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.8	59.8	89.6
51	30.4	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.99 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.05 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 114.38 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

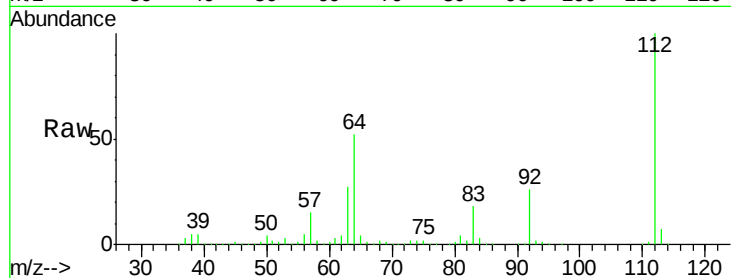
Tot Ion:112 Resp: 738723

Ion Ratio Lower Upper

112 100

64 52.0 47.9 71.9

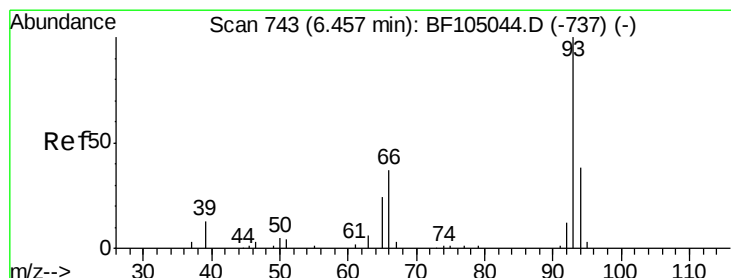
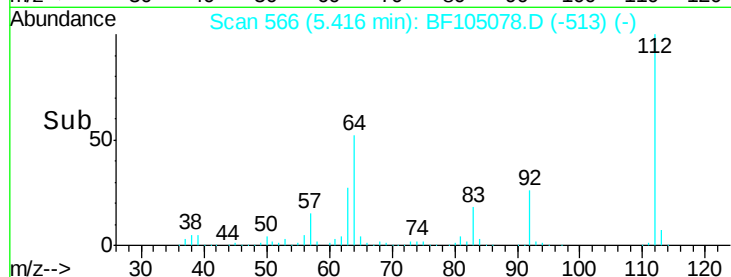
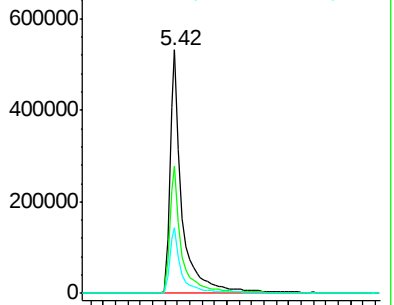
63 27.0 23.7 35.5



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: 16.98 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

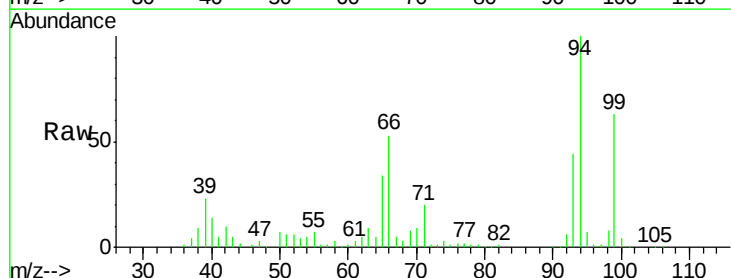
Tgt Ion: 93 Resp: 187153

Ion Ratio Lower Upper

93 100

66 120.4 32.2 48.2#

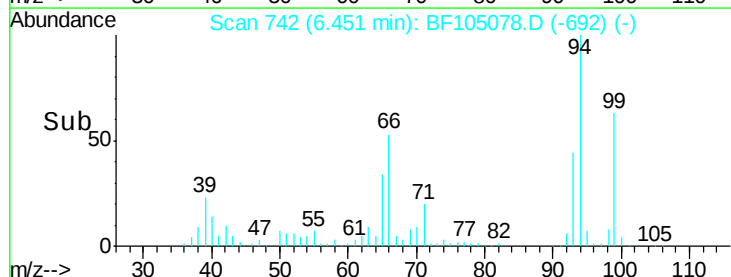
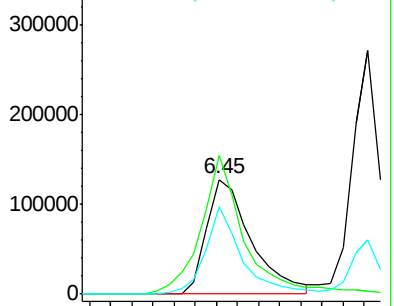
65 76.0 16.4 24.6#

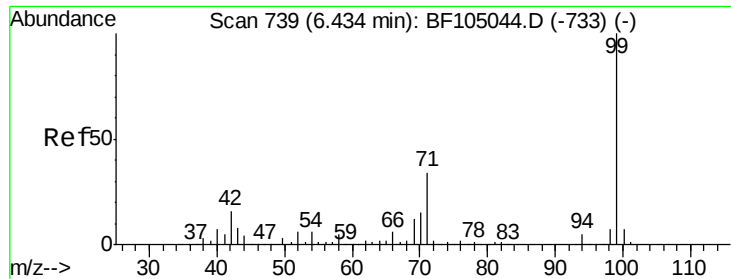


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.52 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

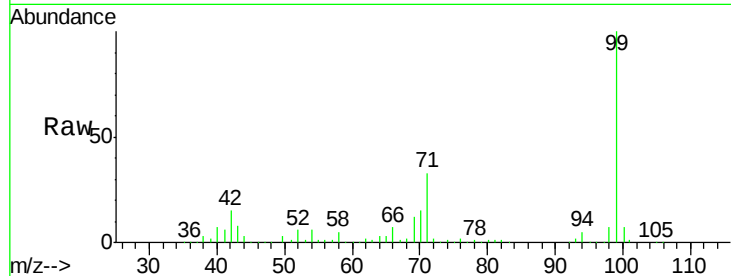
Tot Ion: 99 Resp: 861150

Ion Ratio Lower Upper

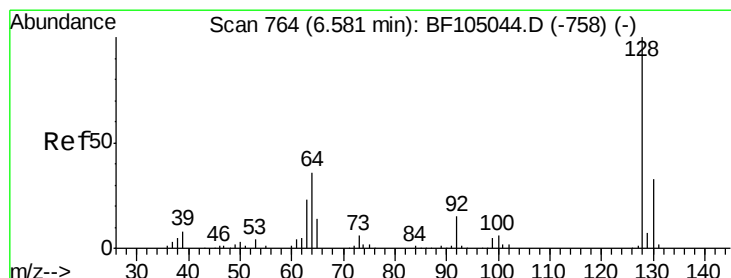
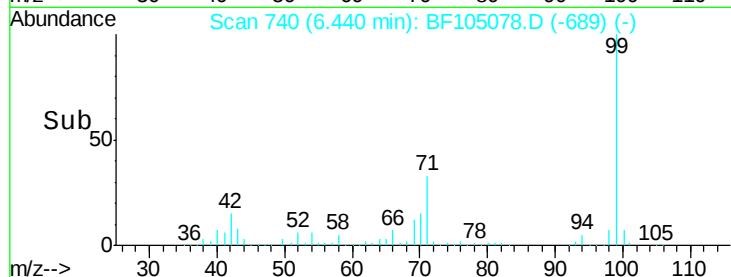
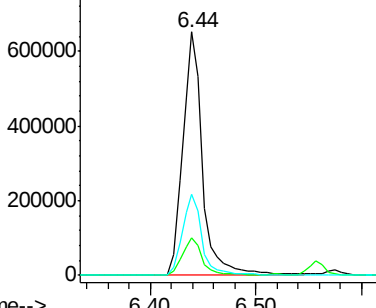
99 100

42 15.3 14.5 21.7

71 33.5 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: 40.44 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

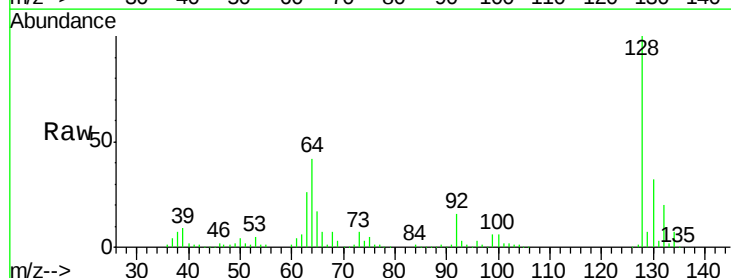
Tgt Ion: 128 Resp: 275696

Ion Ratio Lower Upper

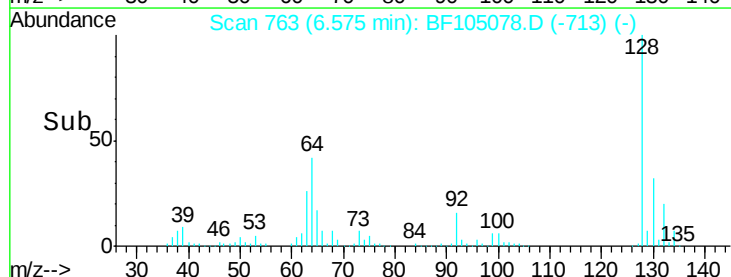
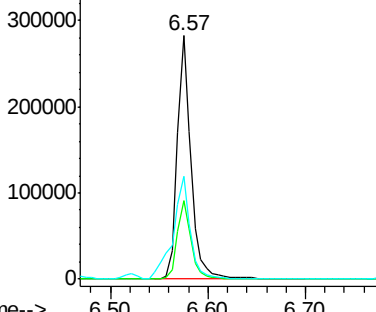
128 100

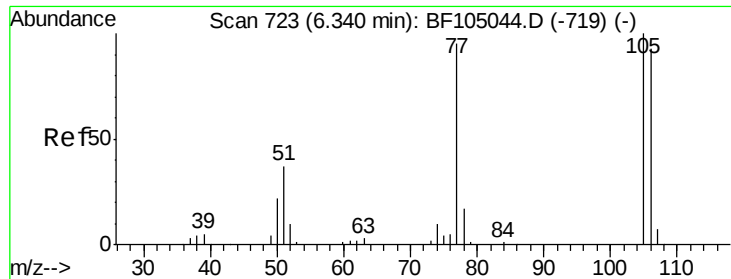
130 32.2 13.0 53.0

64 42.3 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

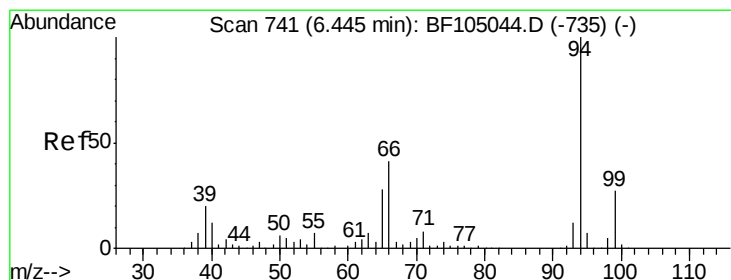
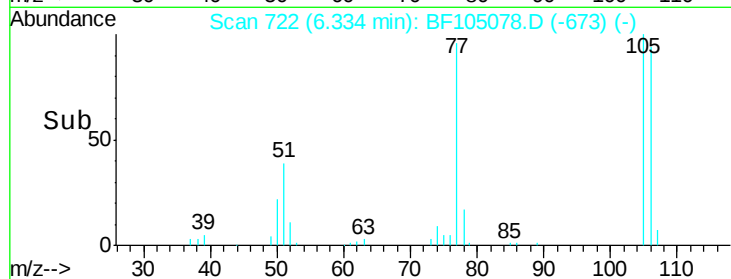
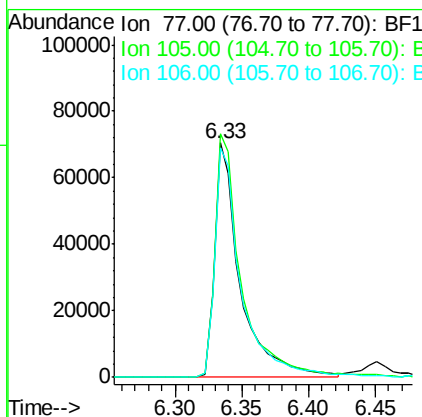
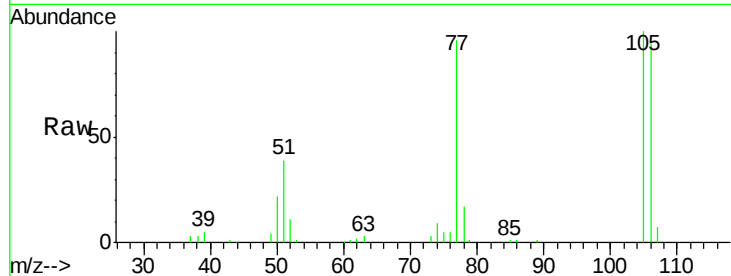




#9
Benzaldehyde
Concen: 19.93 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

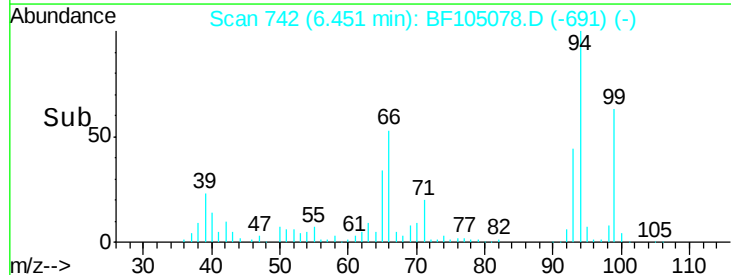
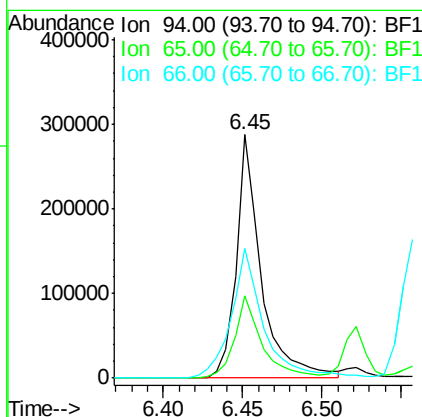
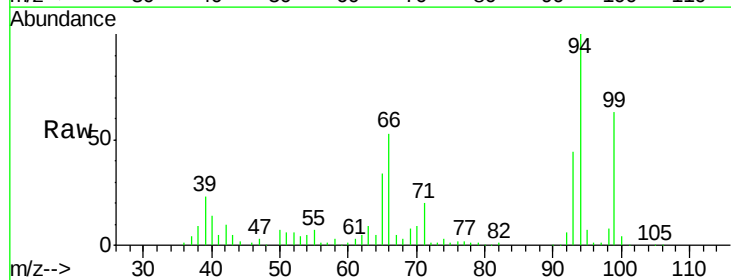
Instrument :
BNA_F
ClientSampled :

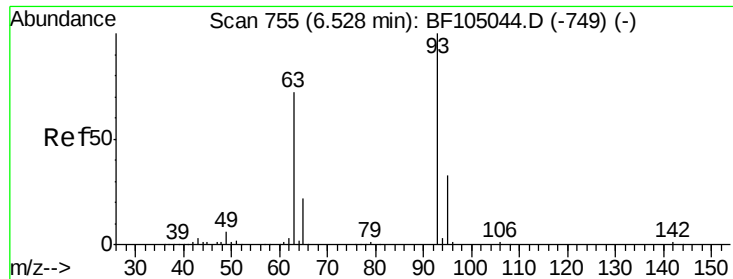
Tot Ion: 77 Resp: 95094
Ion Ratio Lower Upper
77 100
105 104.0 81.1 121.1
106 98.1 74.5 114.5



#10
Phenol
Concen: 37.51 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion: 94 Resp: 315784
Ion Ratio Lower Upper
94 100
65 33.7 7.9 47.9
66 53.4 16.2 56.2

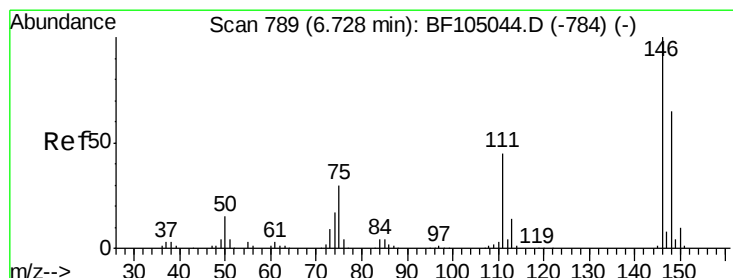
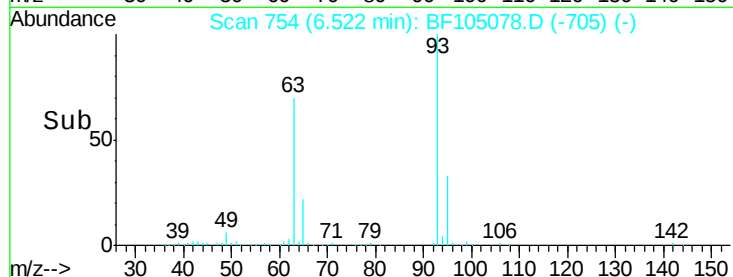
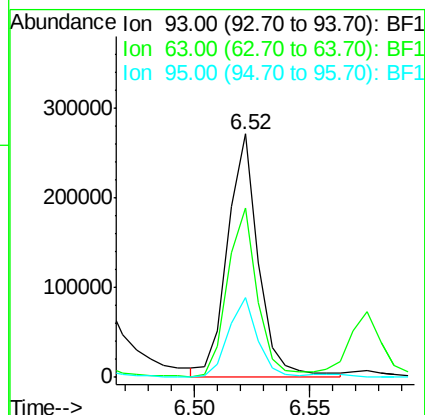
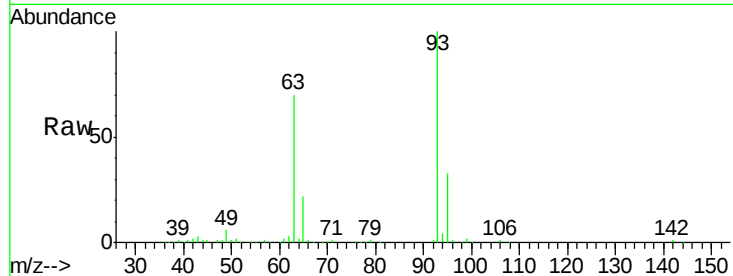




#11
 bis(2-Chloroethyl)ether
 Concen: 37.67 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

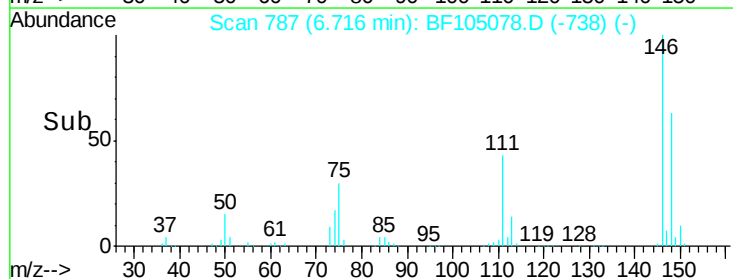
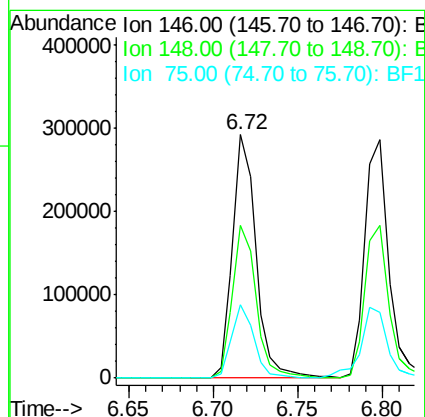
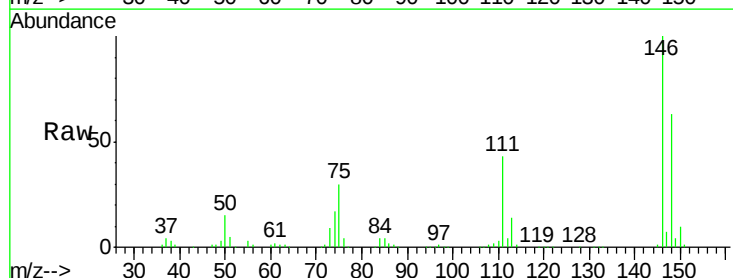
Instrument :
 BNA_F
 ClientSampleId :

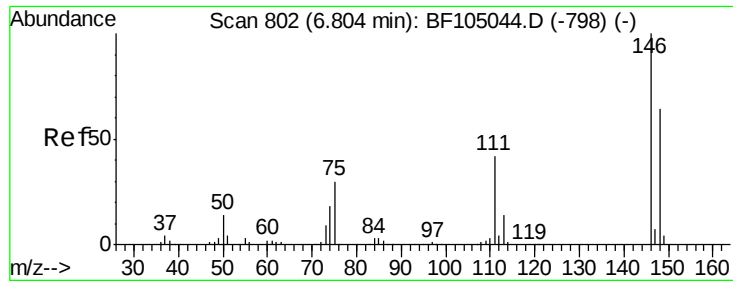
Tot Ion: 93 Resp: 253073
 Ion Ratio Lower Upper
 93 100
 63 69.6 58.6 98.6
 95 32.6 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.81 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion: 146 Resp: 284297
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 75 30.0 24.2 36.4

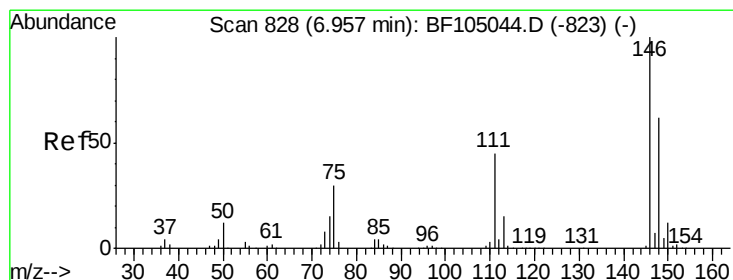
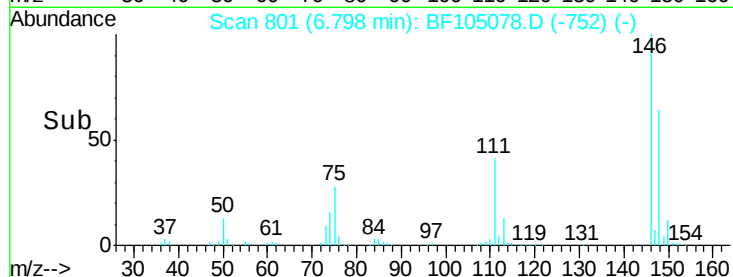
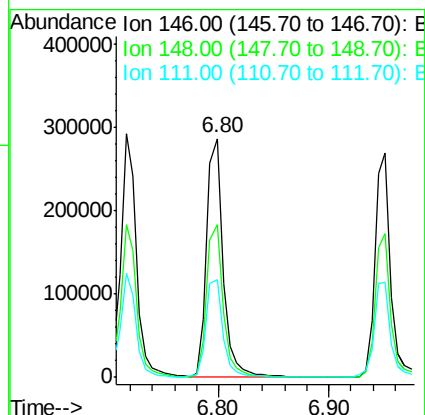
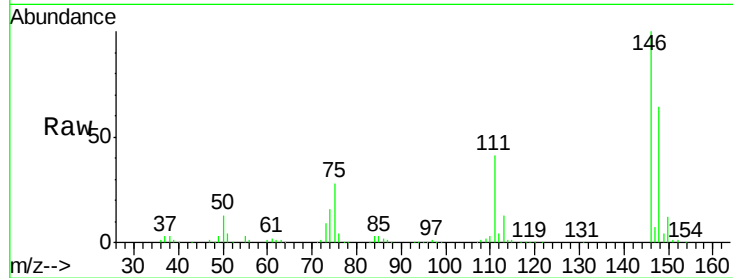




#13
 1,4-Dichlorobenzene
 Concen: 37.75 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

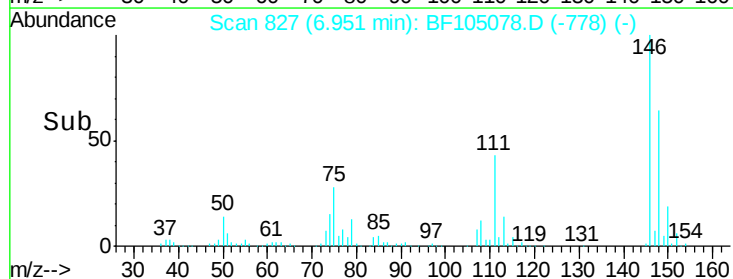
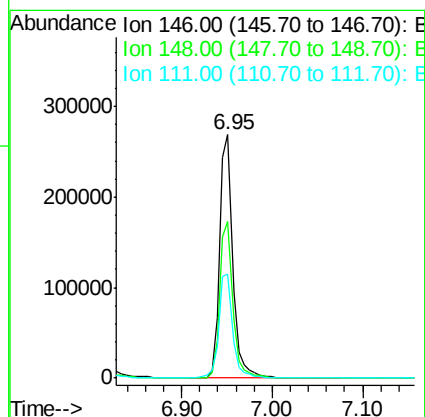
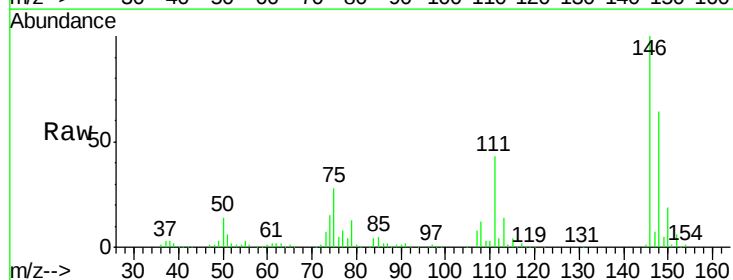
Instrument :
 BNA_F
 ClientSampleId :

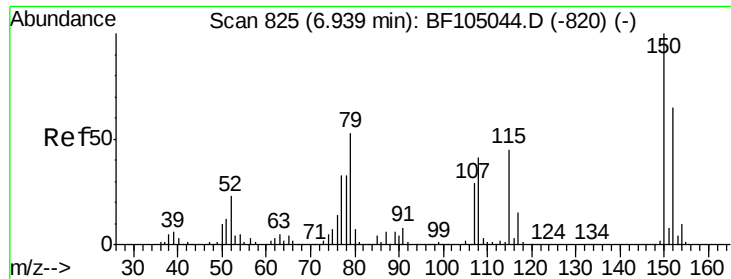
Tot Ion:146 Resp: 290624
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.45 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion:146 Resp: 267170
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 42.7 36.0 54.0

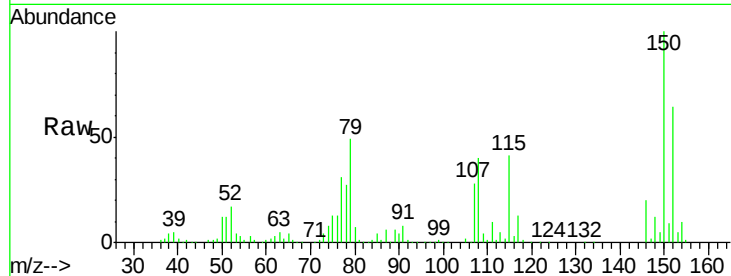




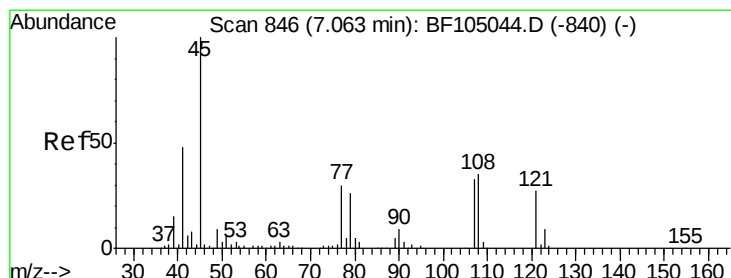
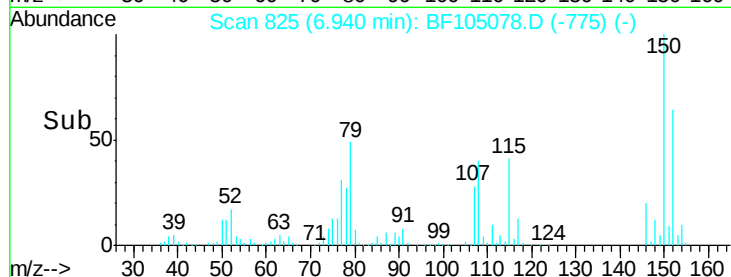
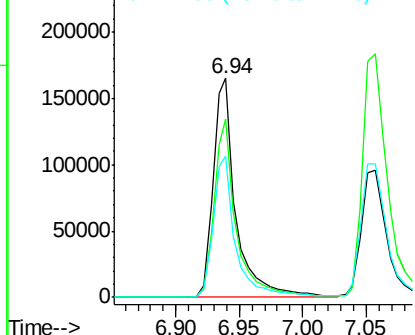
#15
Benzyl Alcohol
Concen: 34.58 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 208428
Ion Ratio Lower Upper
79 100
108 81.3 65.1 97.7
77 64.2 50.6 75.8

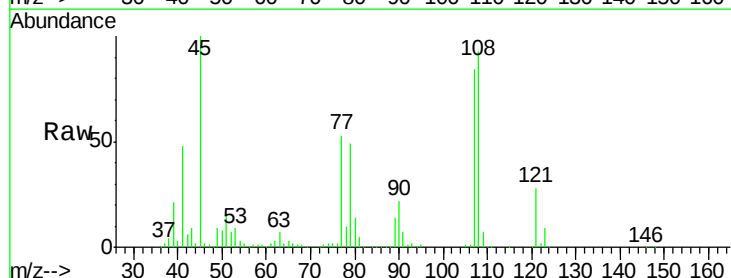


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

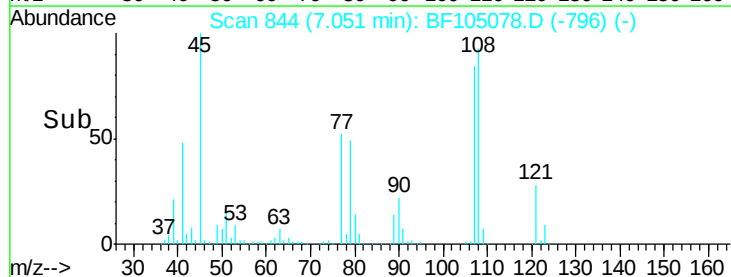
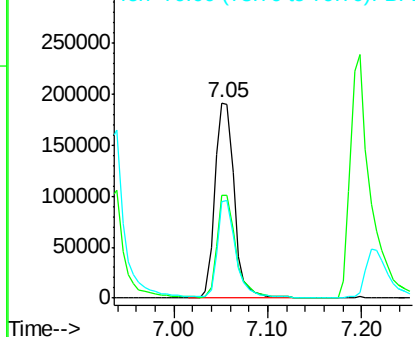


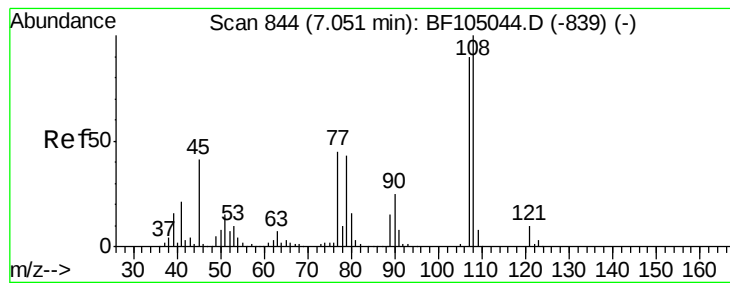
#16
2,2'-oxybis(1-chloropropane)
Concen: 30.90 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion: 45 Resp: 278791
Ion Ratio Lower Upper
45 100
77 52.7 0.0 32.9#
79 49.2 0.0 29.6#



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

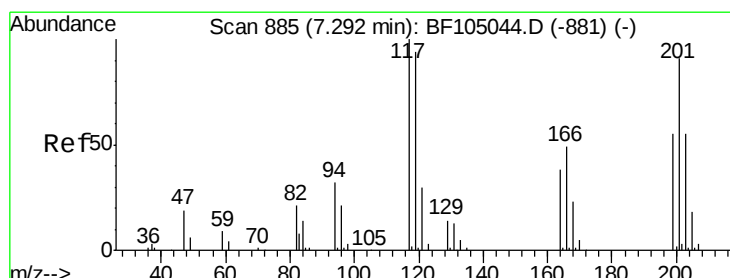
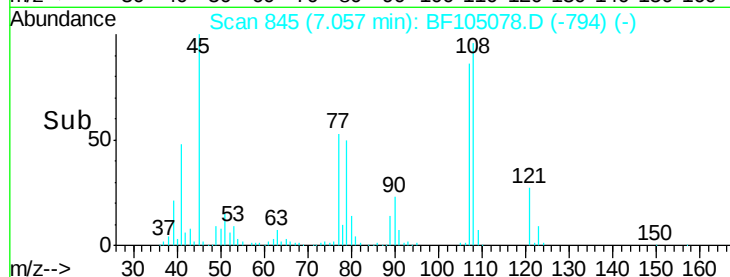
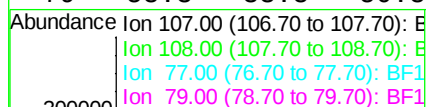
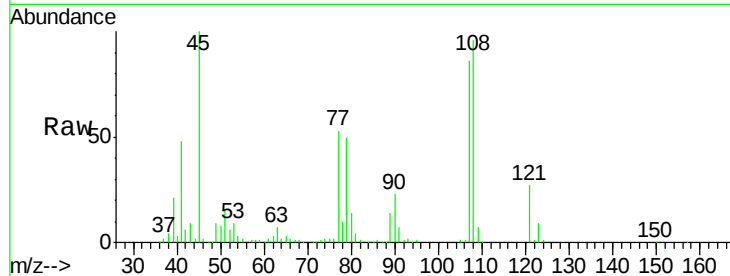




#17
2-Methylphenol
Concen: 37.70 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

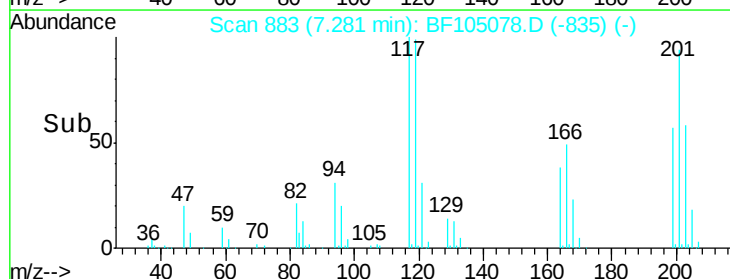
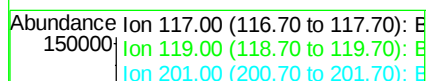
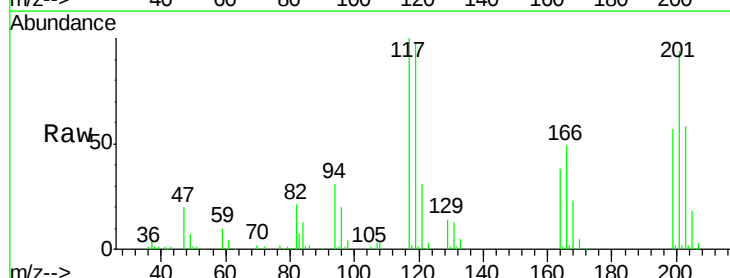
Instrument :
BNA_F
ClientSampled :

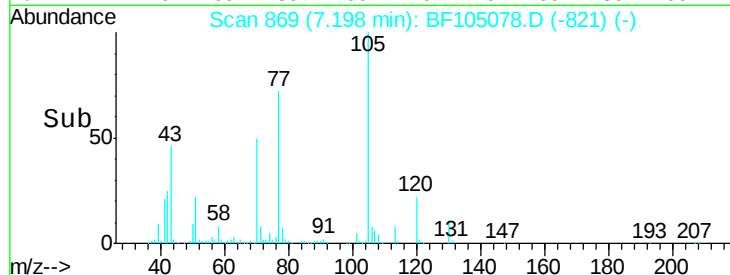
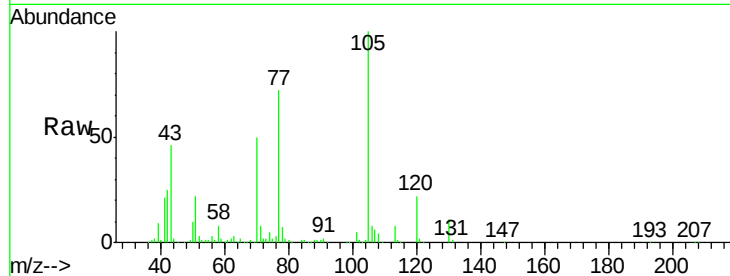
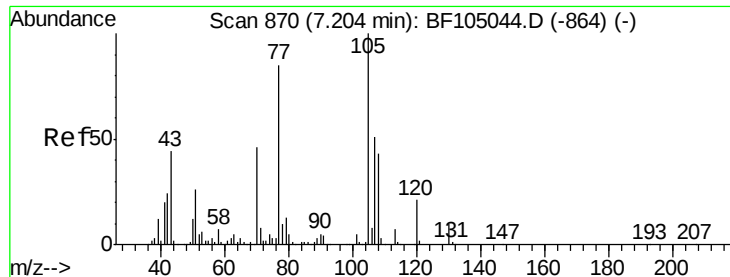
Tot Ion:107 Resp: 223378
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 61.5 33.8 50.8#
79 58.3 33.8 50.8#



#18
Hexachloroethane
Concen: 37.44 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:117 Resp: 102752
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.8
201 93.8 75.7 113.5

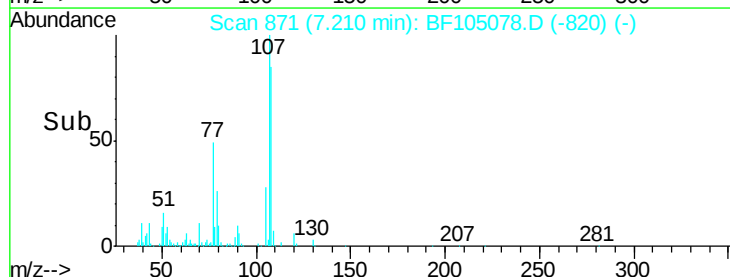
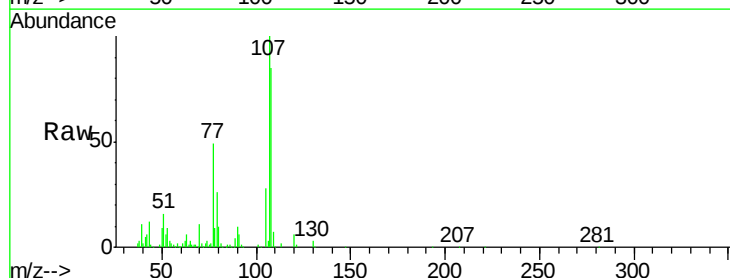
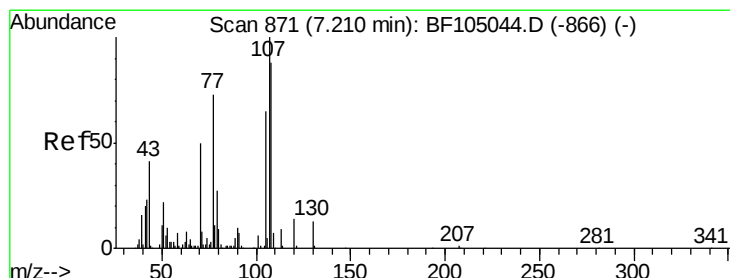
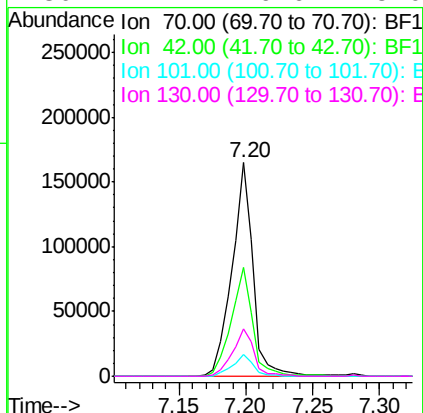




#19
n-Nitroso-di-n-propylamine
Concen: 35.38 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

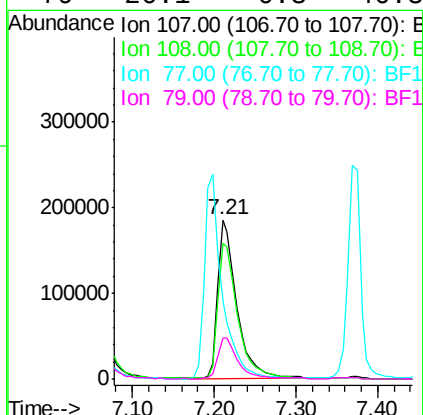
Instrument :
BNA_F
ClientSampleId :

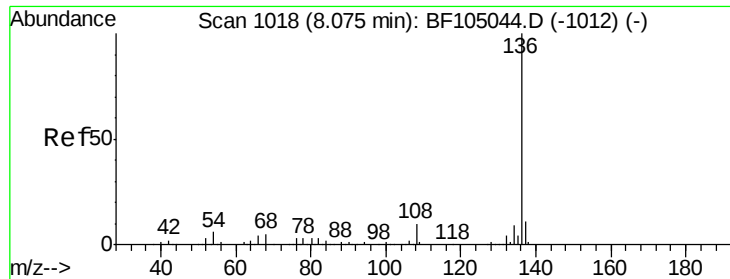
Tot Ion:	70	Resp:	183472
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	10.0	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.24 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:	107	Resp:	303096
Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.2	108.2
77	49.5	26.7	66.7
79	26.1	6.3	46.3

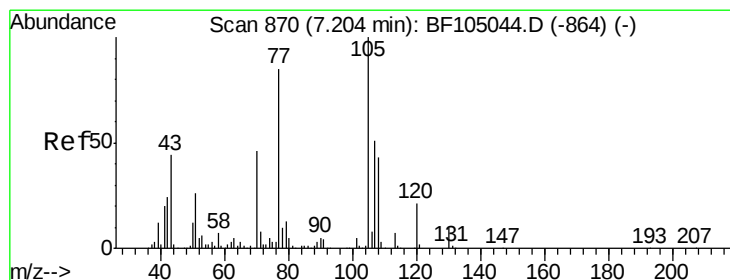
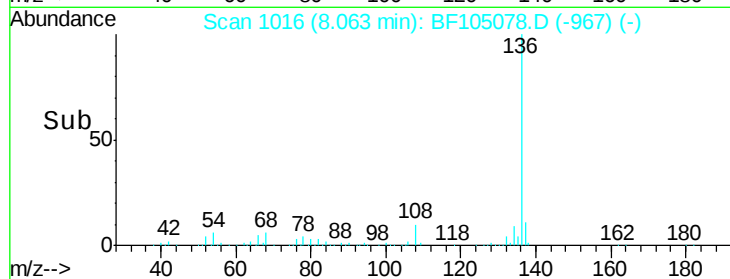
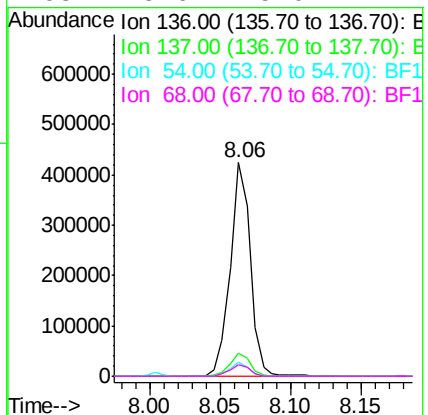
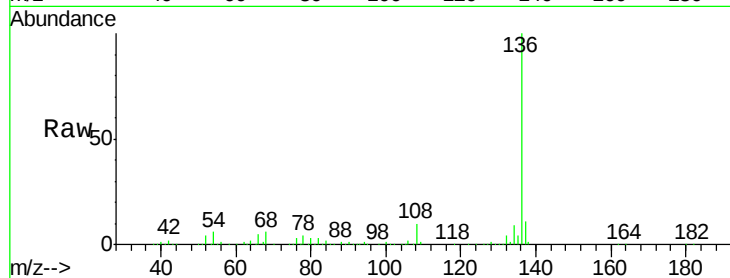




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

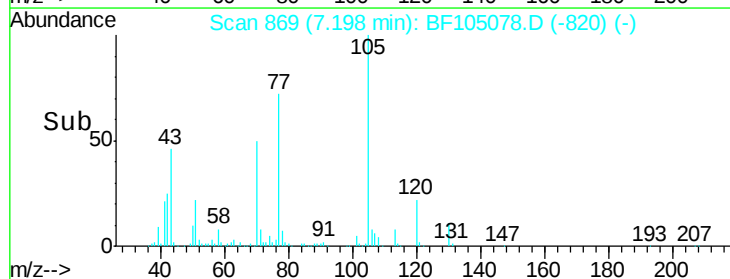
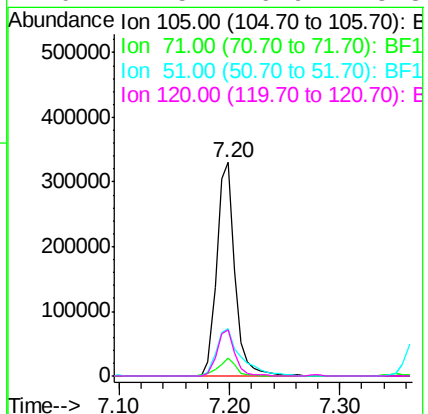
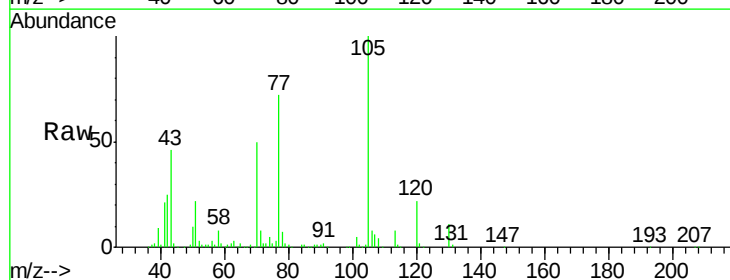
Instrument :
BNA_F
ClientSampleId :

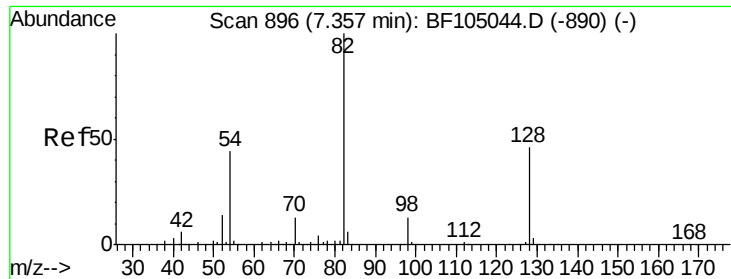
Tot Ion:136	Resp:	421890
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.5	6.6 9.8#
68	5.6	5.0 7.4



#22
Acetophenone
Concen: 36.46 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:105	Resp:	378667
Ion Ratio	Lower	Upper
105	100	
71	8.4	4.4 6.6#
51	22.1	22.3 33.5#
120	21.5	16.9 25.3

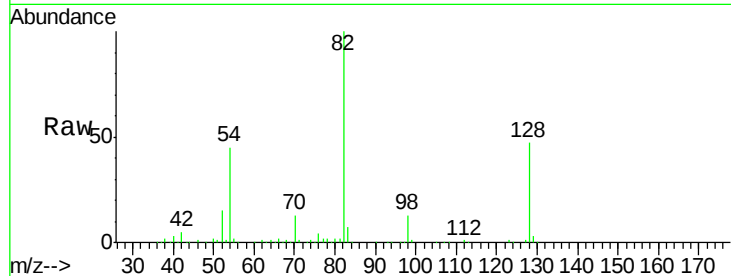




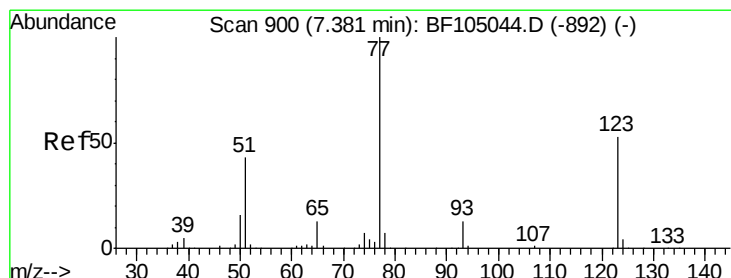
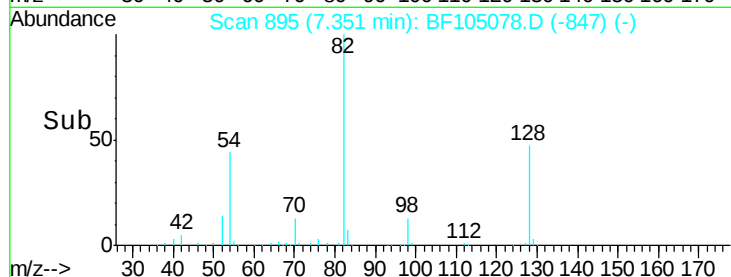
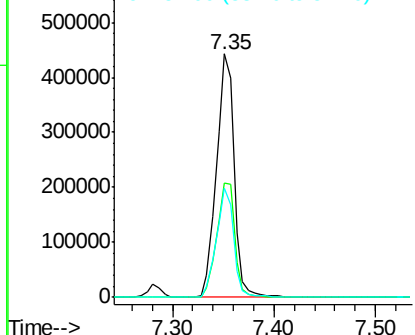
#23
 Nitrobenzene-d5
 Concen: 83.26 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 537938
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 44.9 41.4 62.2

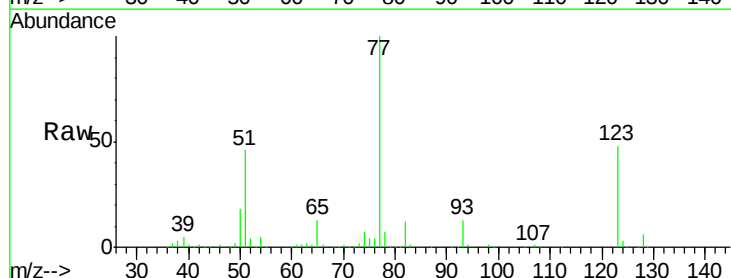


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

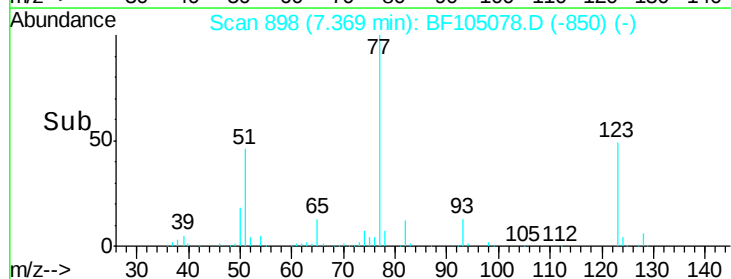
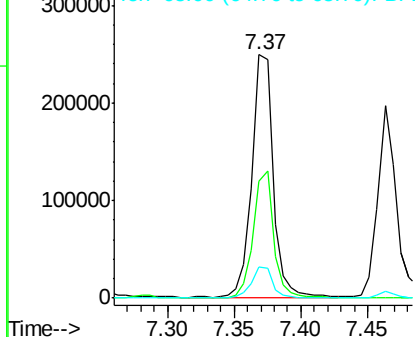


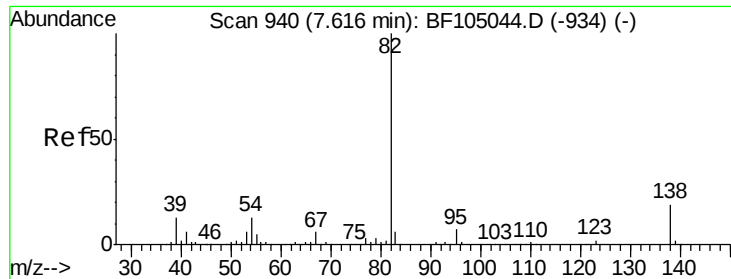
#24
 Nitrobenzene
 Concen: 38.30 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion: 77 Resp: 273194
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.9 56.9
 65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 37.46 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

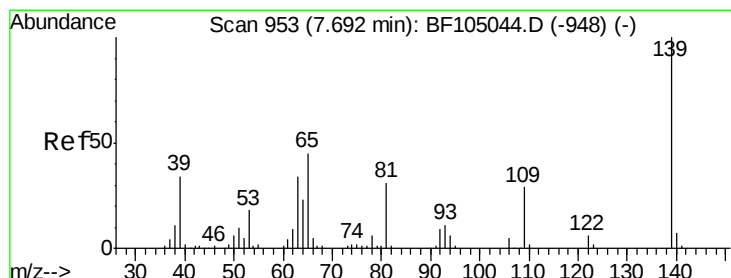
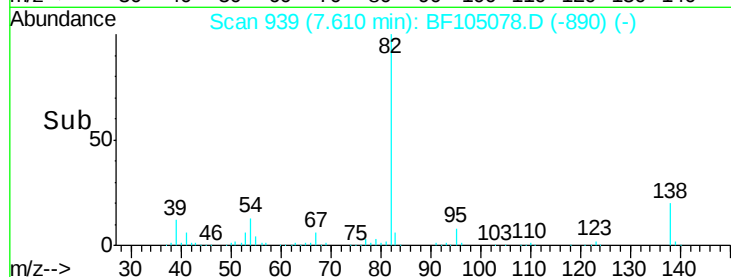
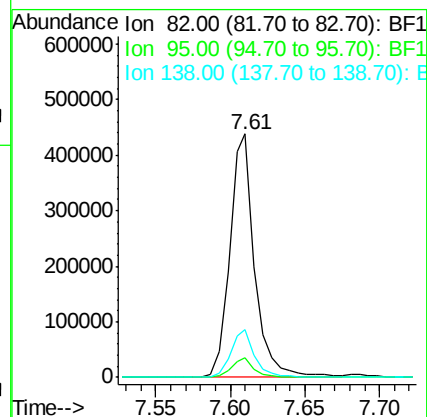
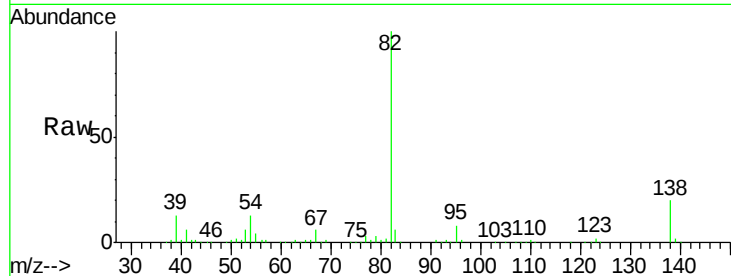
Tot Ion: 82 Resp: 511851

Ion Ratio Lower Upper

82 100

95 7.8 5.2 7.8#

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 54.71 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

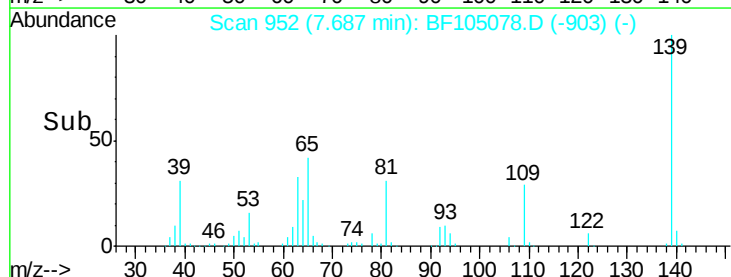
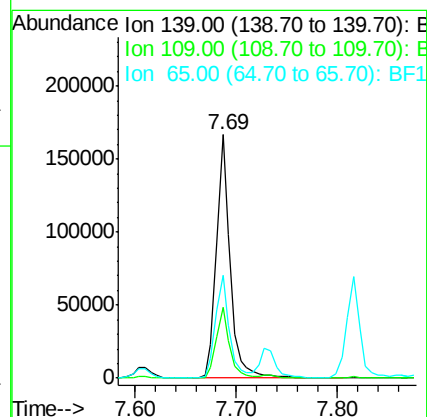
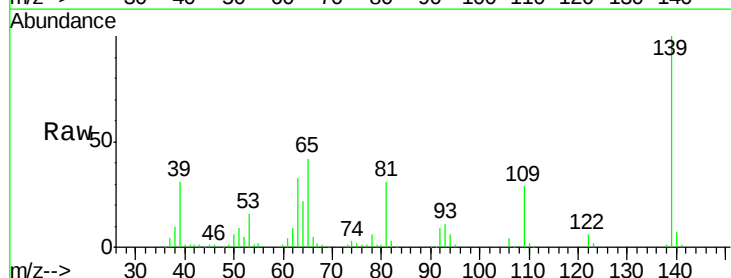
Tgt Ion: 139 Resp: 158872

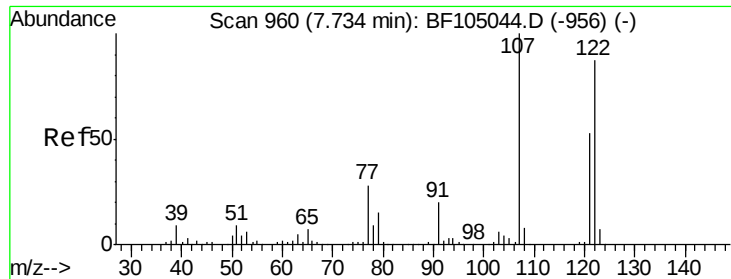
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 42.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.10 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

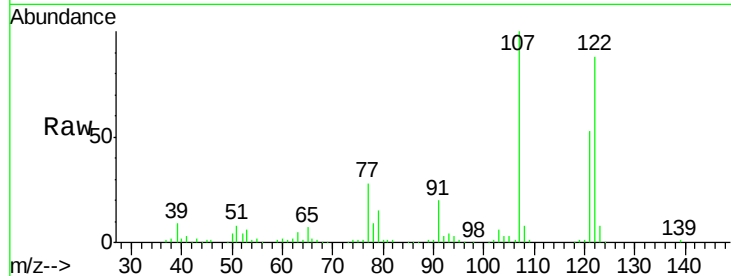
Tot Ion:122 Resp: 247842

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

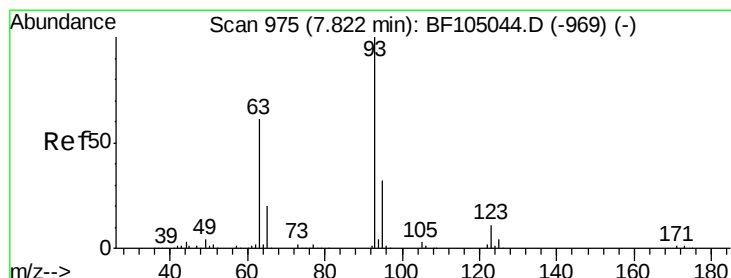
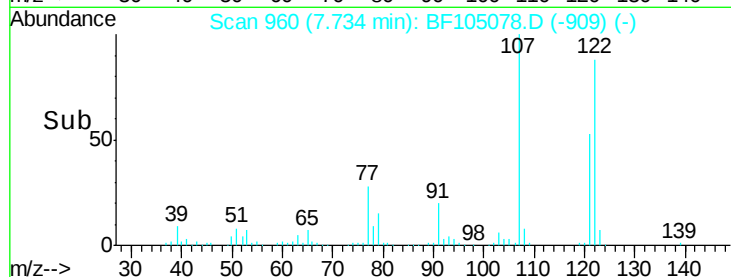
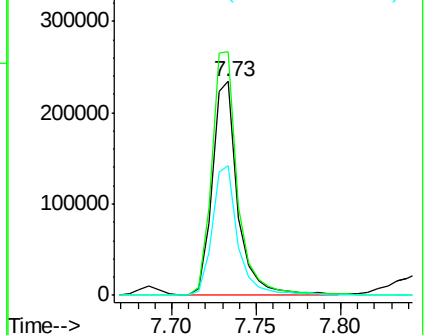
121 60.8 47.2 70.8



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: 39.29 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

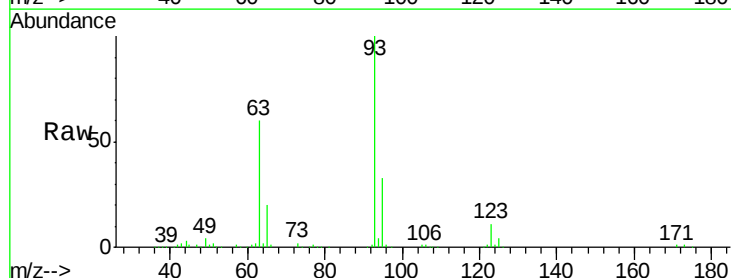
Tgt Ion: 93 Resp: 328233

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

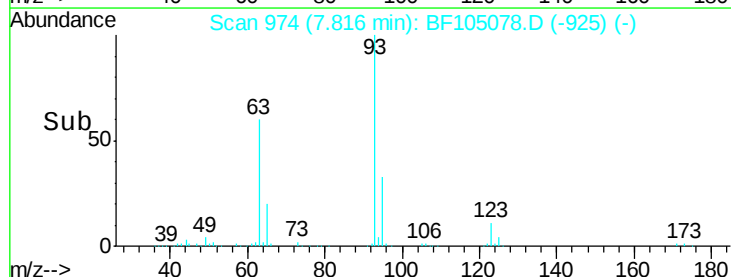
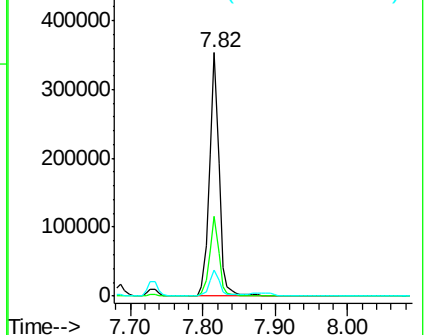
123 10.9 9.8 14.6

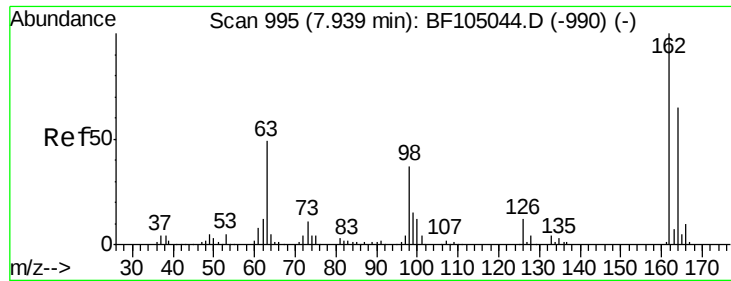


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

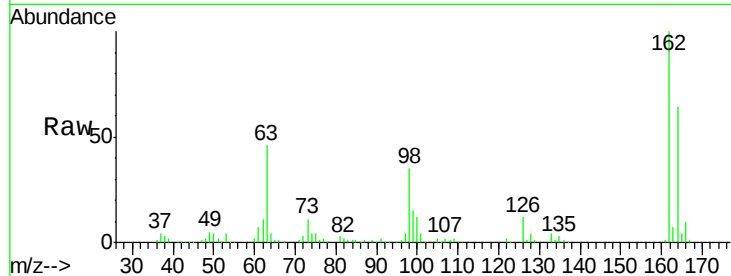




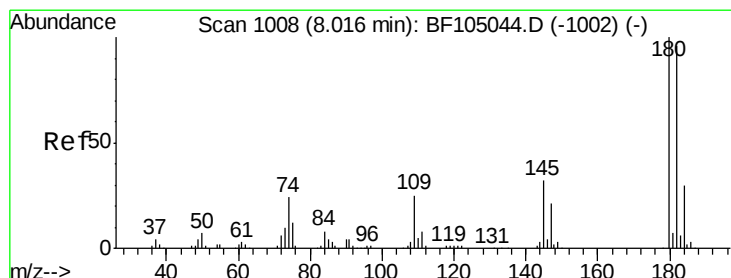
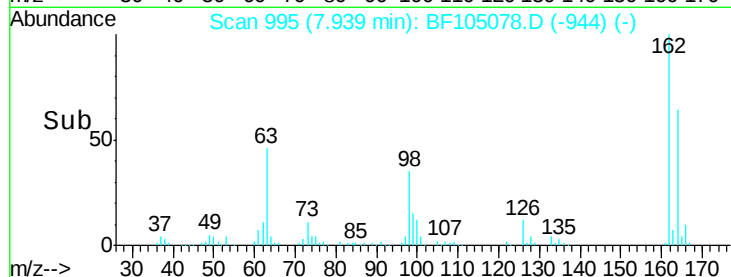
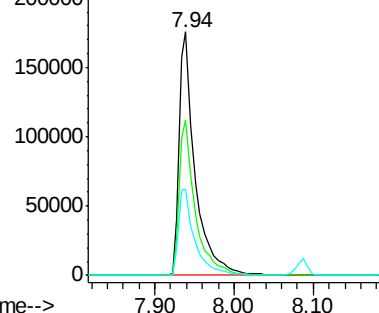
#29
2,4-Dichlorophenol
Concen: 43.03 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 247543
Ion Ratio Lower Upper
162 100
164 63.9 42.7 82.7
98 35.4 18.1 58.1

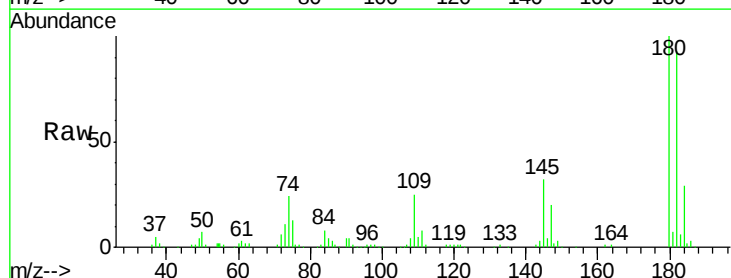


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

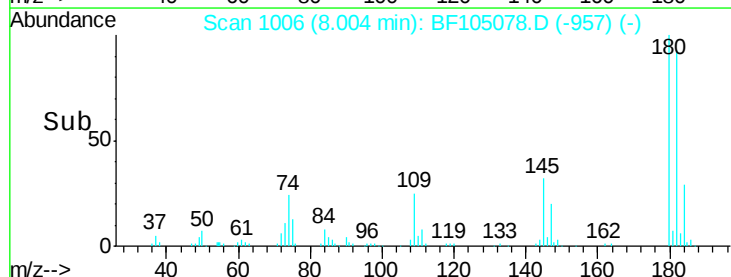
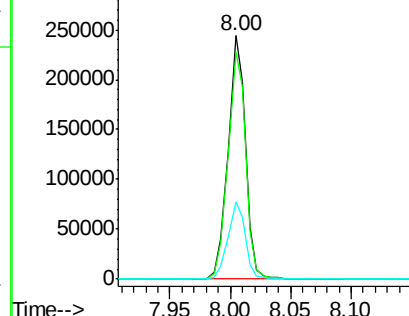


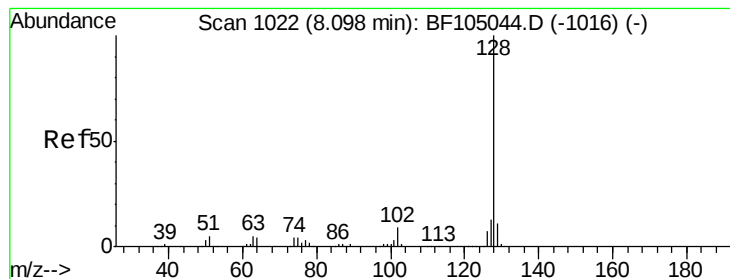
#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:180 Resp: 244108
Ion Ratio Lower Upper
180 100
182 93.2 76.8 115.2
145 31.6 26.5 39.7



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





#31

Naphthalene

Concen: 38.62 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleID :

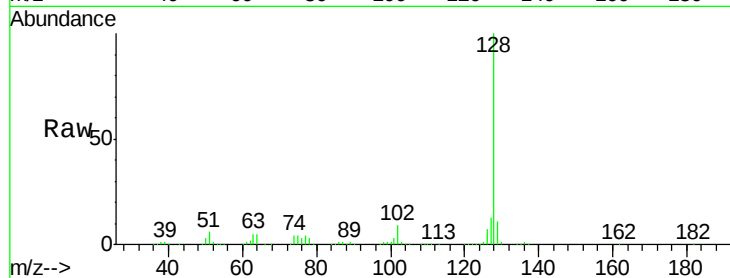
Tot Ion:128 Resp: 811281

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

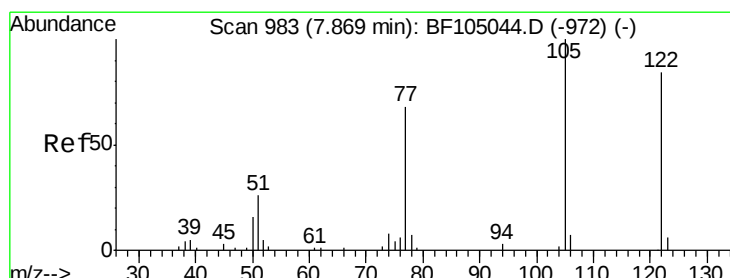
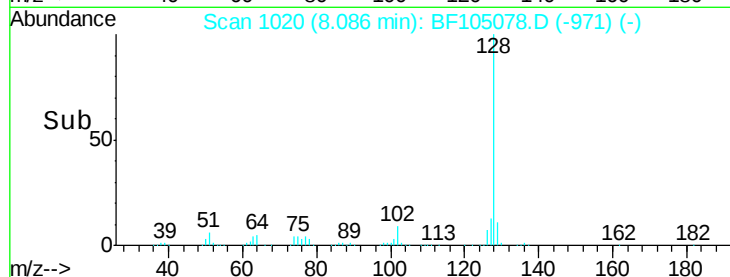
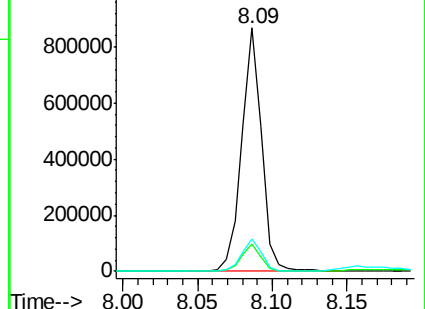
127 13.5 10.9 16.3



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: 36.02 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

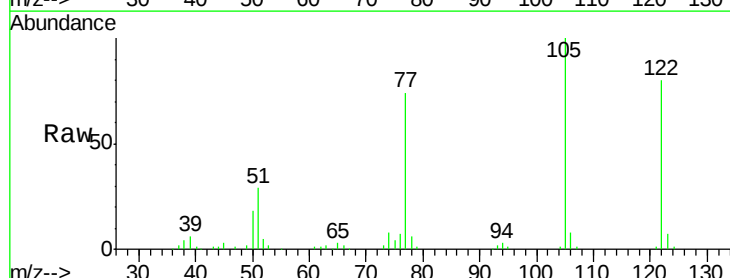
Tgt Ion:122 Resp: 173280

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

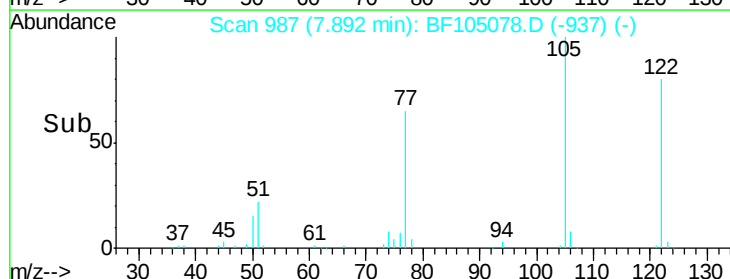
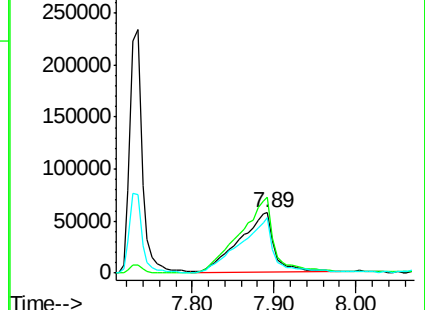
77 92.6 70.7 110.7

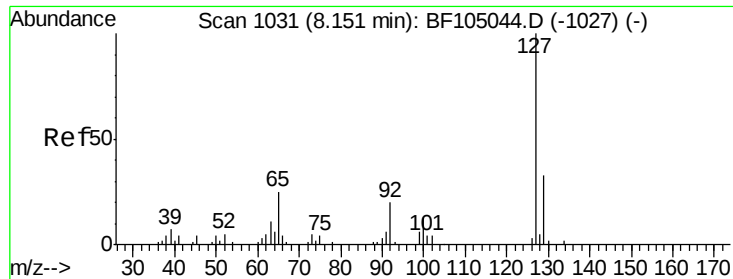


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

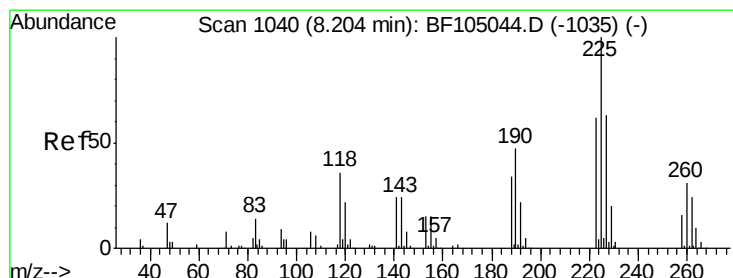
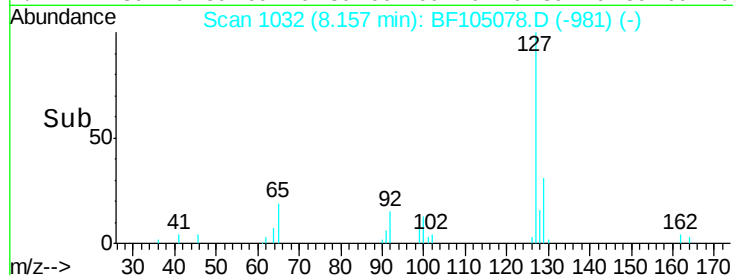
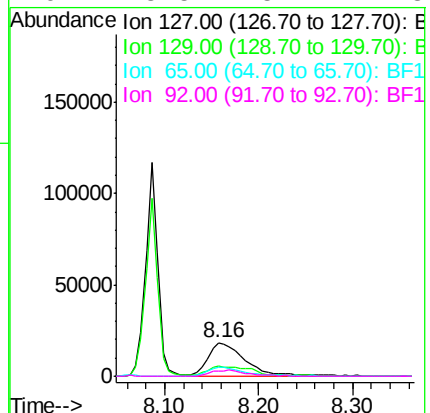
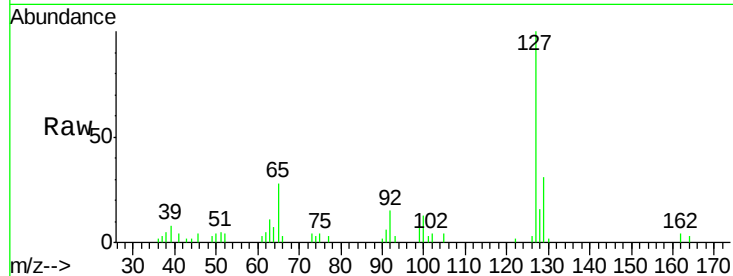




#33
4-Chloroaniline
Concen: 5.43 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

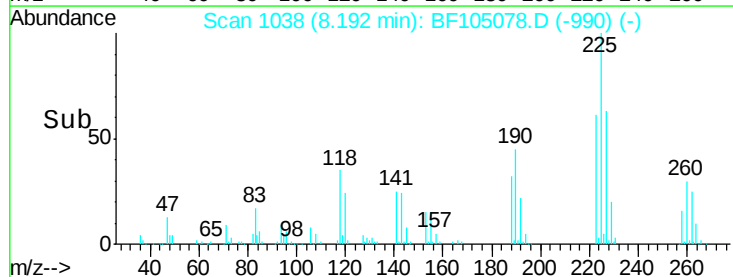
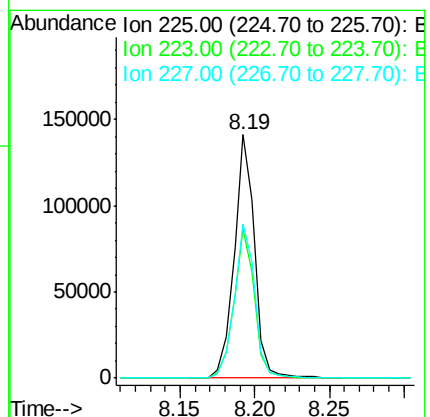
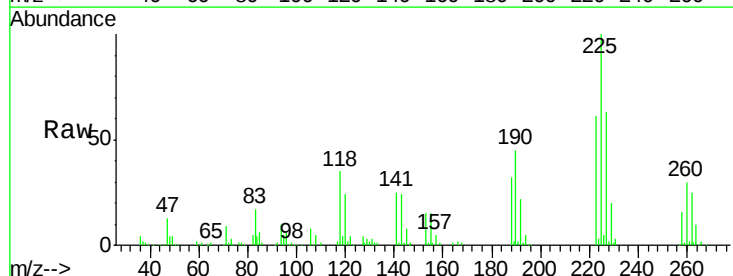
Instrument :
BNA_F
ClientSampled :

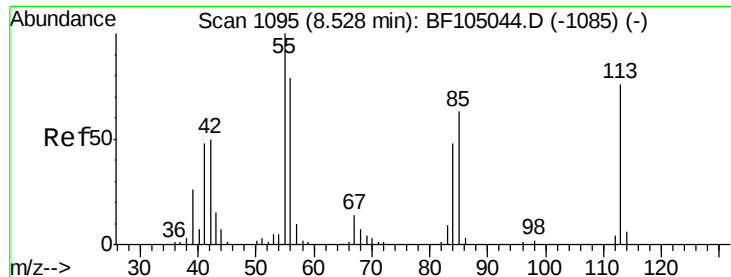
Tot Ion:127 Resp: 48865
Ion Ratio Lower Upper
127 100
129 30.8 25.9 38.9
65 27.8 25.0 37.4
92 15.5 15.2 22.8



#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:225 Resp: 135225
Ion Ratio Lower Upper
225 100
223 61.0 50.6 76.0
227 63.0 51.9 77.9





#35

Caprolactam

Concen: 25.62 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

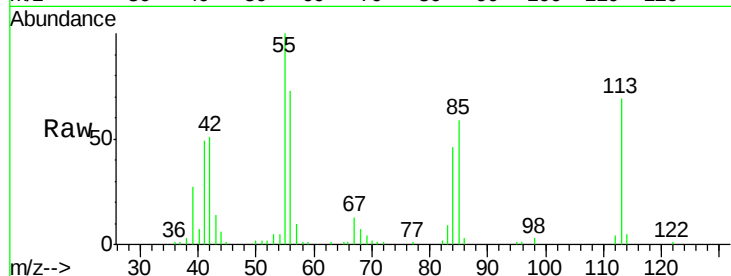
Tot Ion:113 Resp: 51423

Ion Ratio Lower Upper

113 100

55 144.0 163.3 203.3#

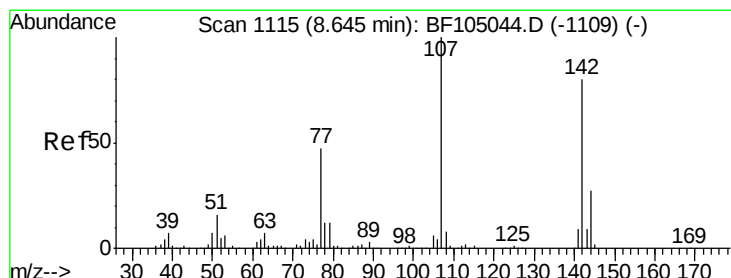
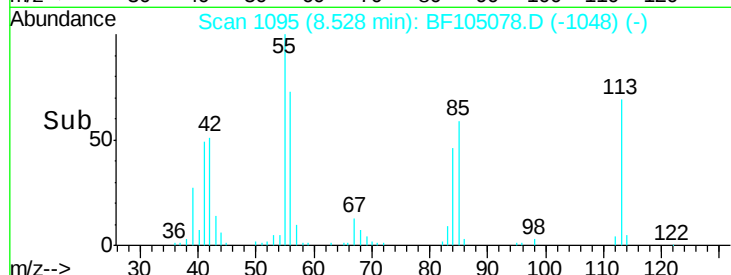
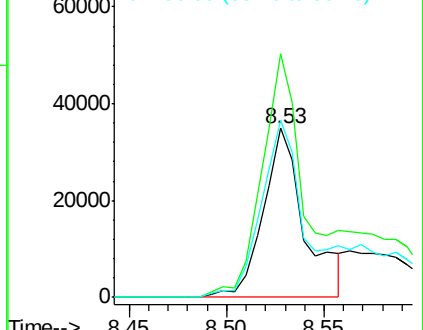
56 104.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.77 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

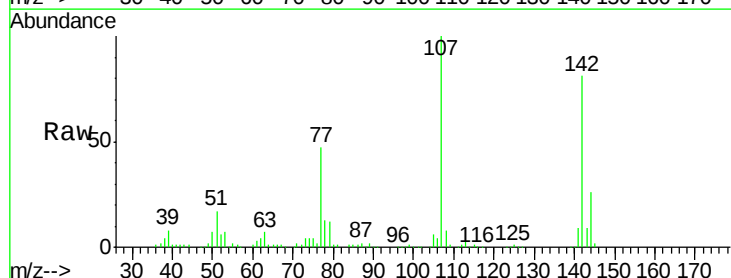
Tgt Ion:107 Resp: 263826

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

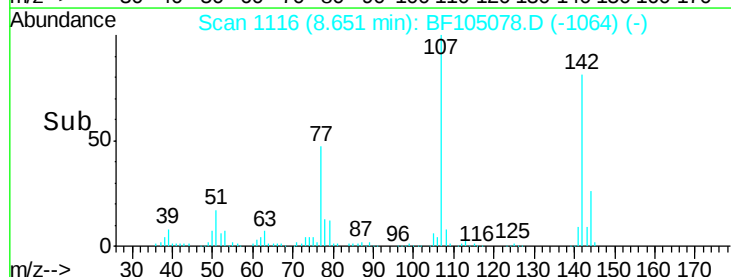
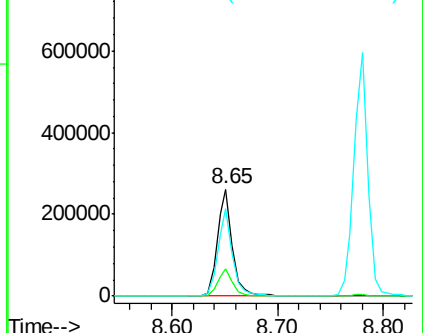
142 81.0 62.0 93.0

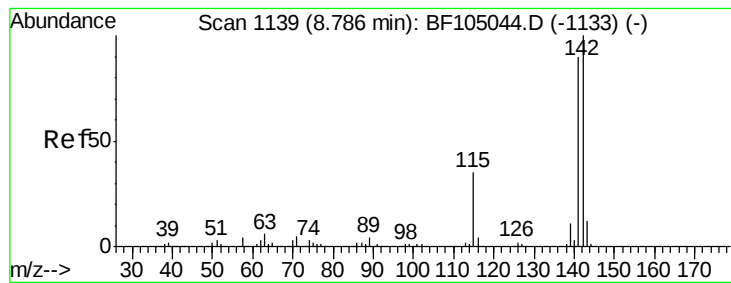


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

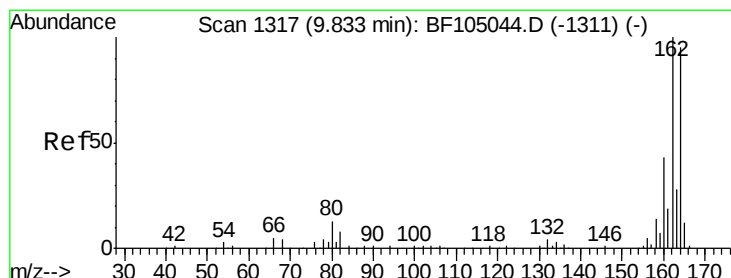
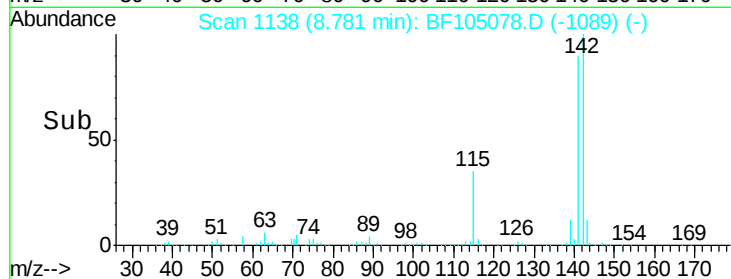
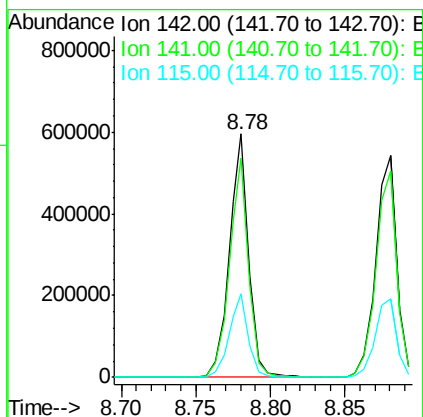
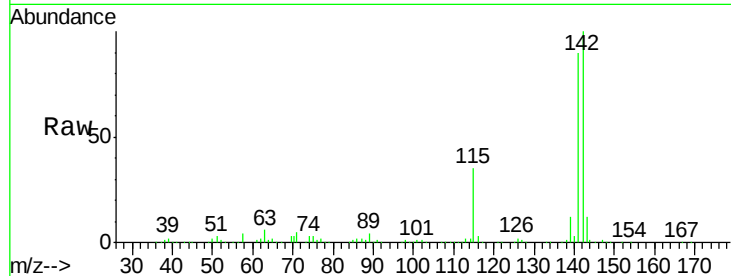




#37
2-Methylnaphthalene
Concen: 39.95 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

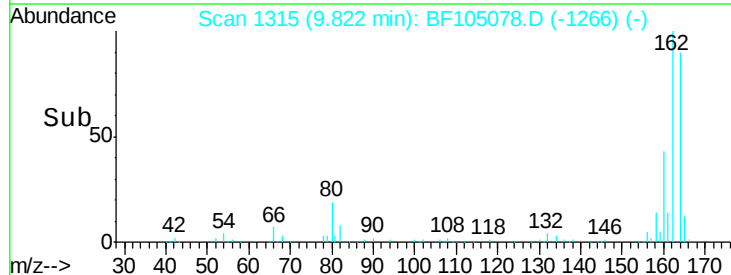
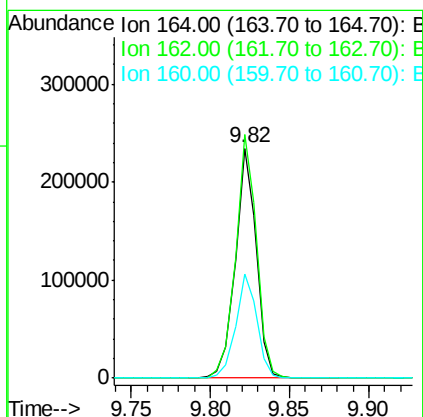
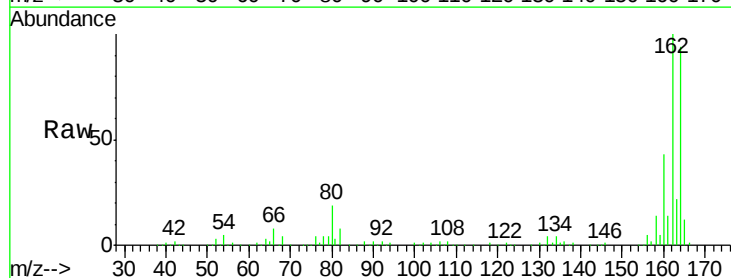
Instrument :
BNA_F
ClientSampleId :

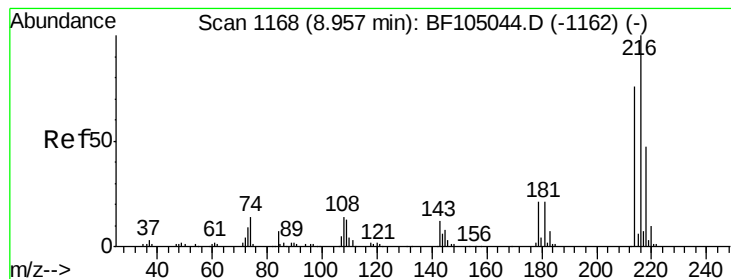
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	45.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.38 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 241632

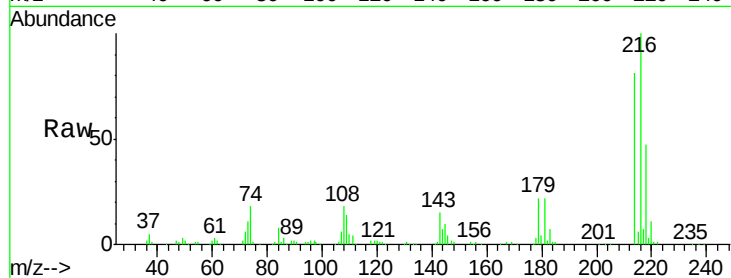
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.4 18.1 27.1

108 20.5 17.2 25.8

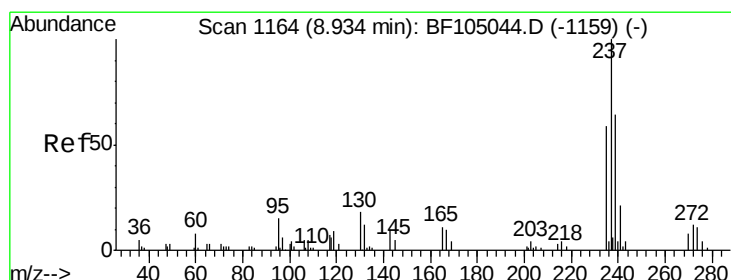
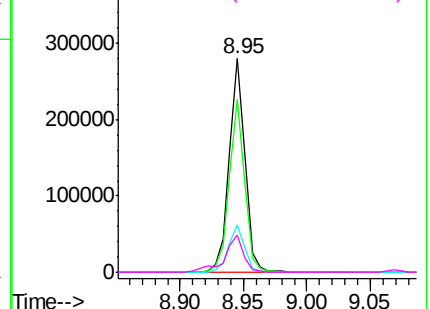
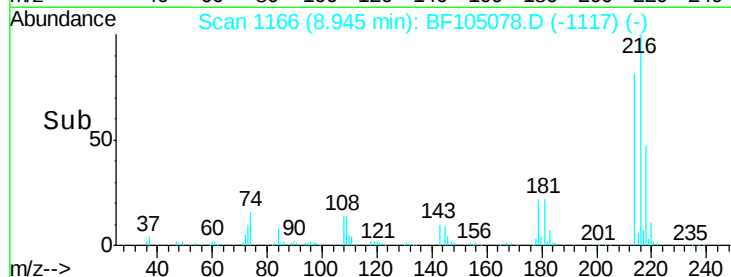


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.74 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

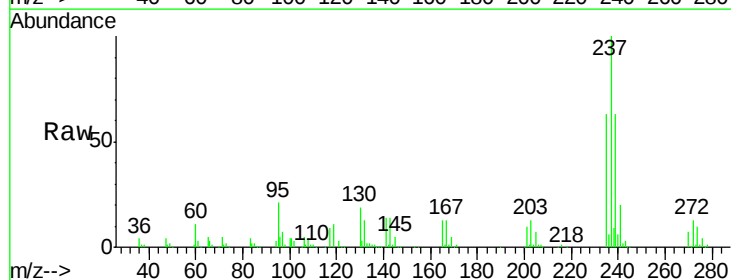
Tgt Ion:237 Resp: 194919

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

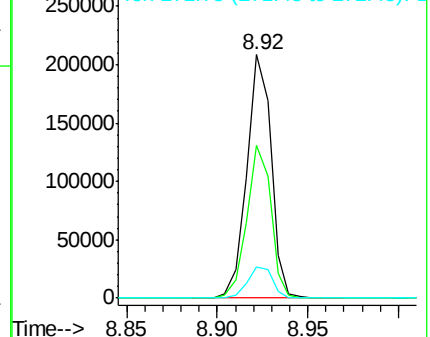
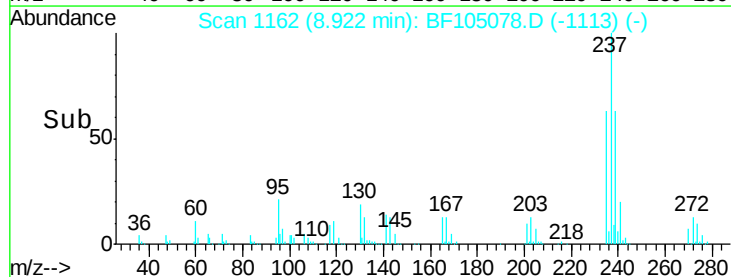
272 12.7 0.0 33.3

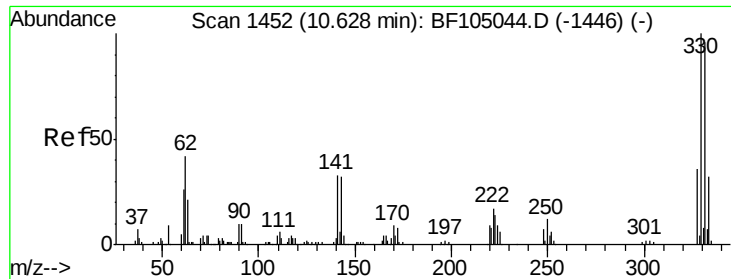


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

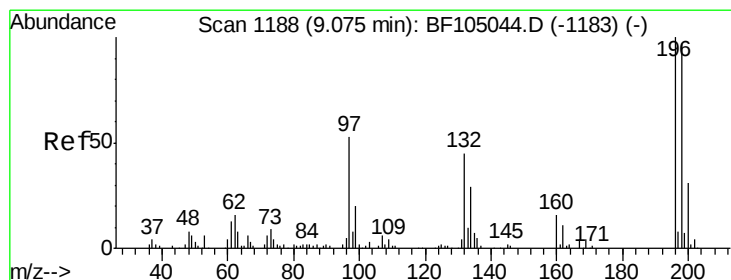
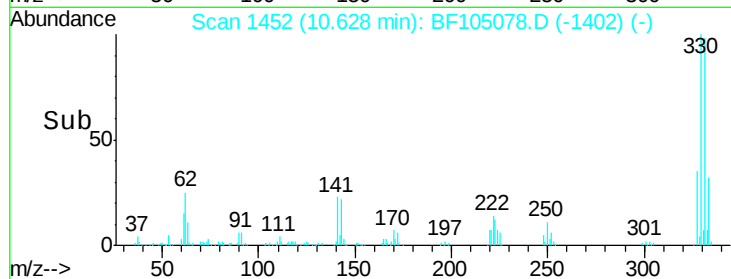
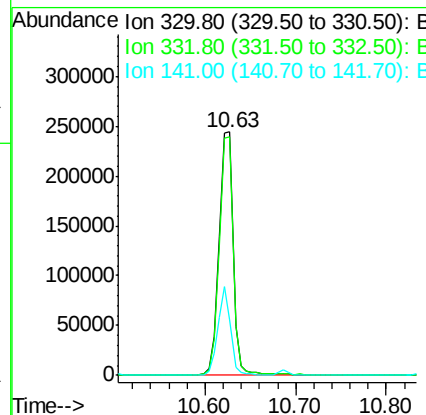
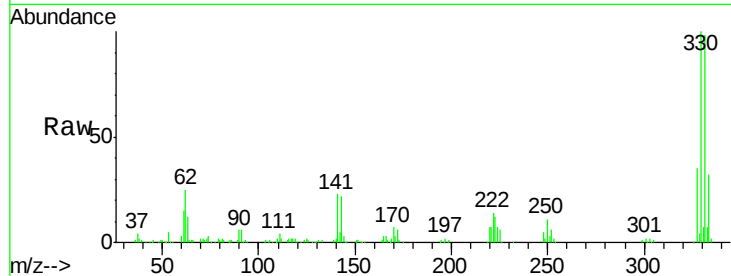




#41
 2,4,6-Tribromophenol
 Concen: 120.62 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

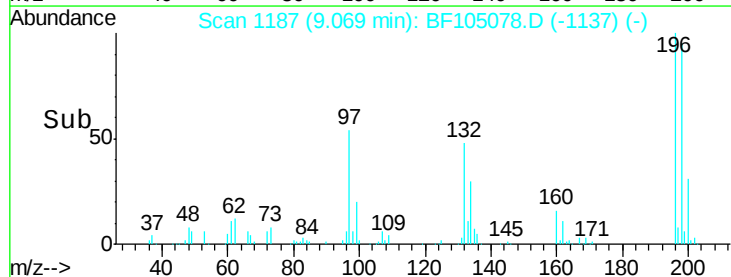
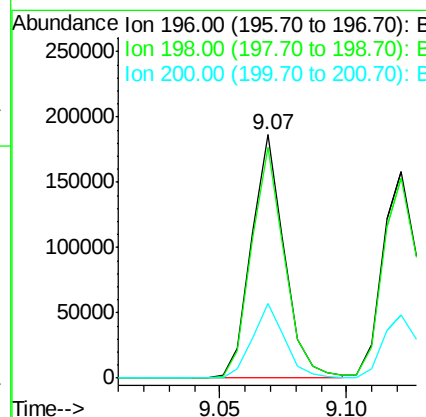
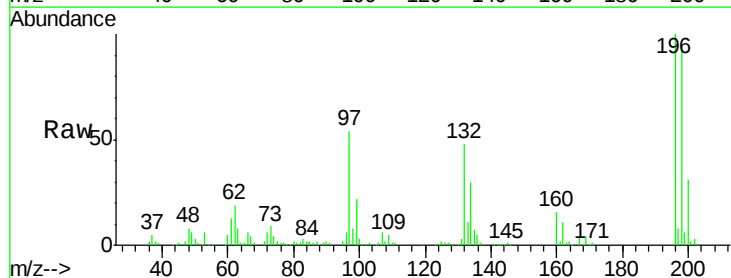
Instrument :
 BNA_F
 ClientSampled :

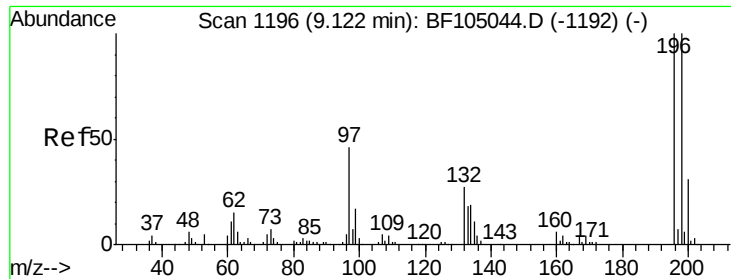
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.52 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.6	24.5	36.7

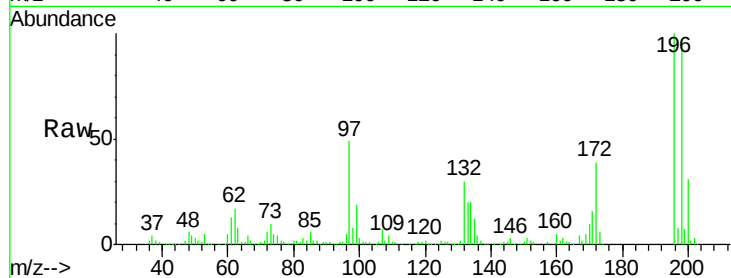




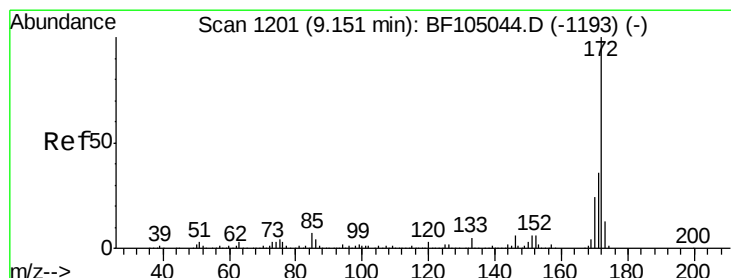
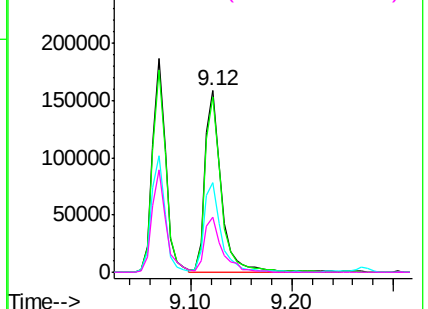
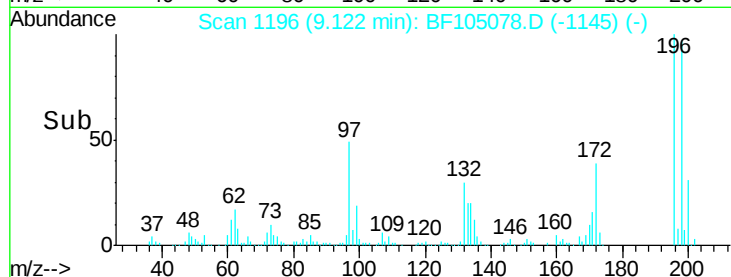
#43
 2,4,5-Trichlorophenol
 Concen: 36.75 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 175163
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.6 112.0
 97 49.1 42.9 64.3
 132 30.1 26.3 39.5

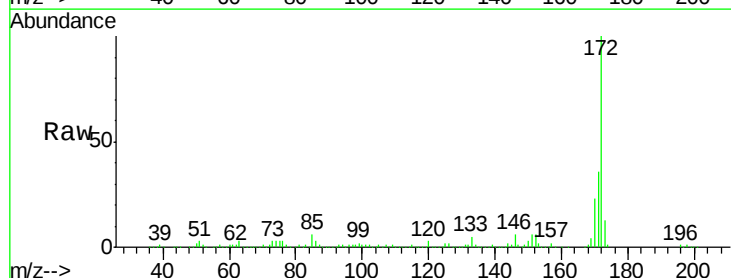


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

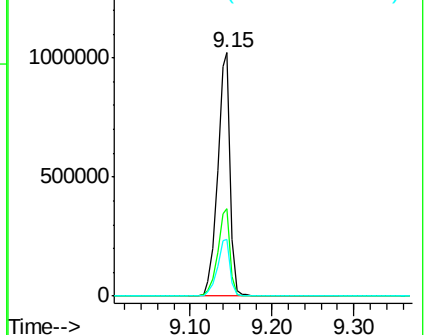
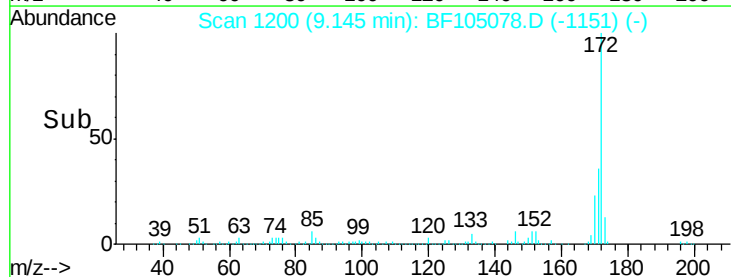


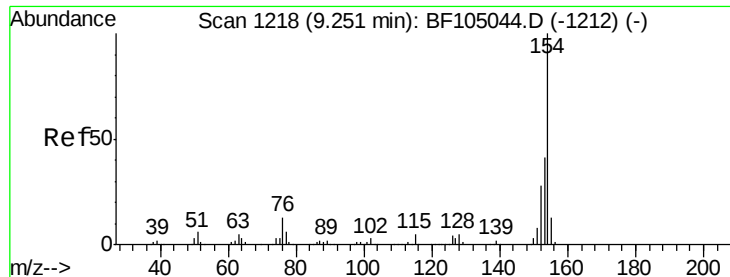
#44
 2-Fluorobiphenyl
 Concen: 80.05 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion:172 Resp: 1086288
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.5 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

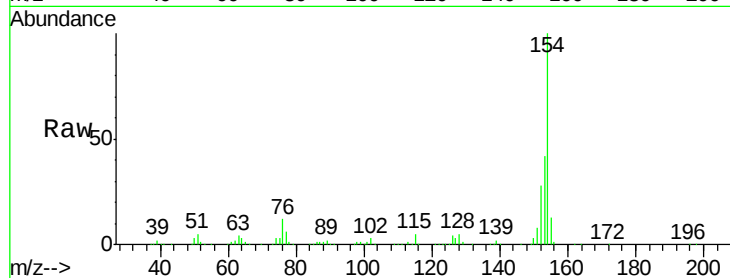




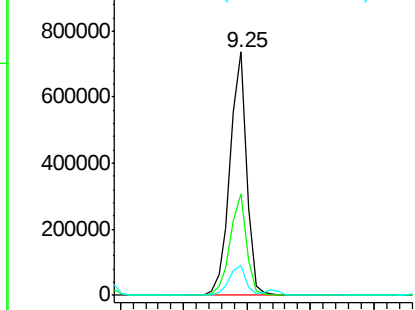
#45
 1,1'-Biphenyl
 Concen: 37.05 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

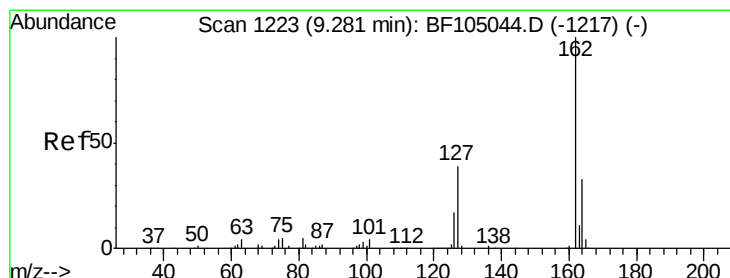
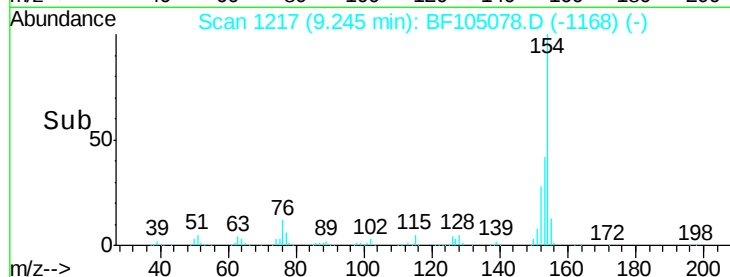
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	12.1	0.0	34.0



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

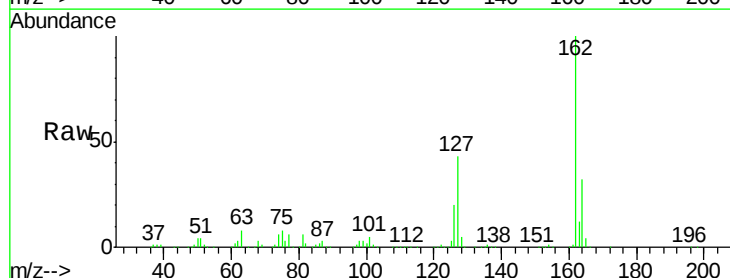


Time--> 9.15 9.20 9.25 9.30 9.35

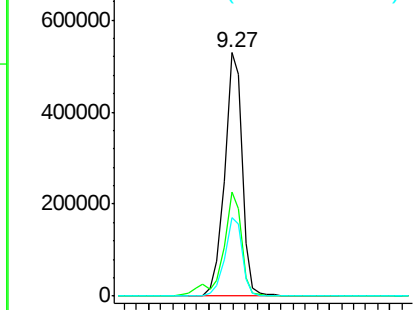


#46
 2-Chloronaphthalene
 Concen: 37.35 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

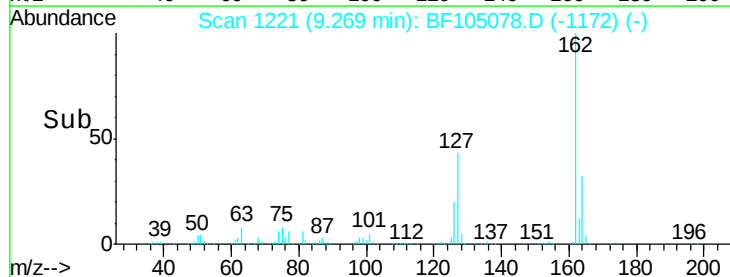
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.9	50.9
164	32.3	26.5	39.7

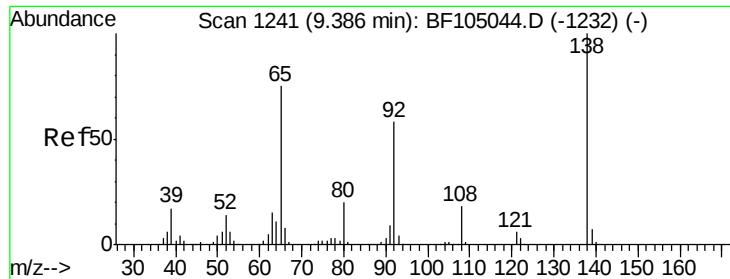


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time--> 9.20 9.25 9.30 9.35 9.40

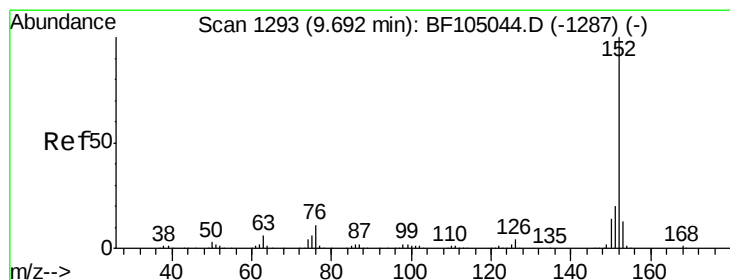
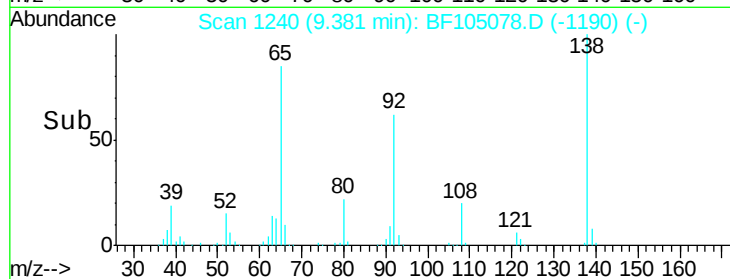
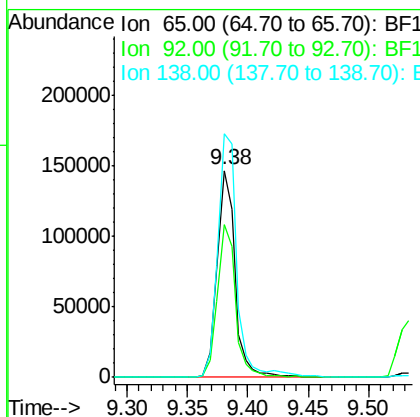
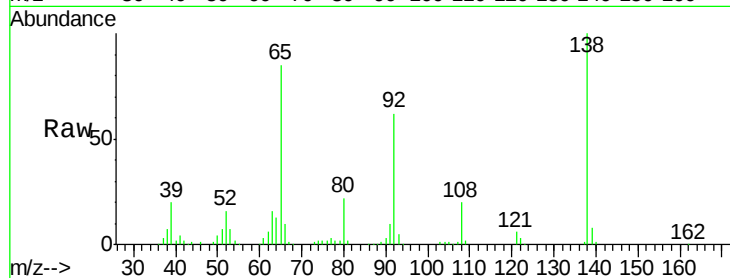




#47
 2-Nitroaniline
 Concen: 42.60 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

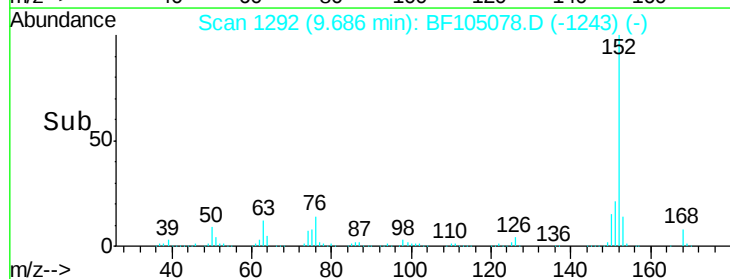
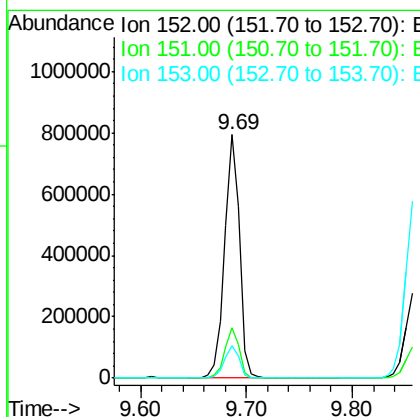
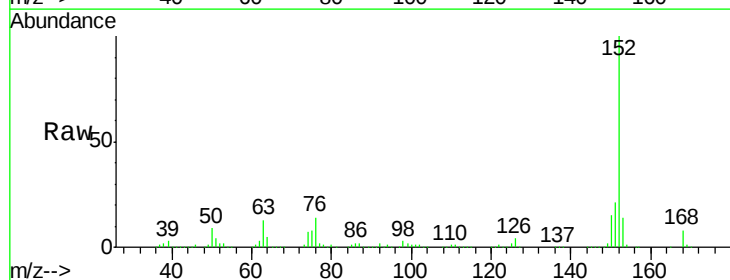
Instrument :
 BNA_F
 ClientSampled :

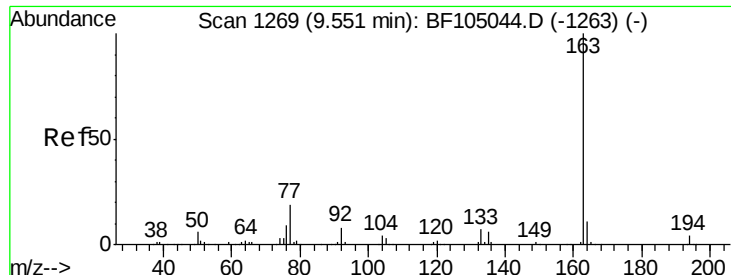
Tot Ion: 65 Resp: 149867
 Ion Ratio Lower Upper
 65 100
 92 73.5 55.8 83.6
 138 117.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 34.92 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion: 152 Resp: 779319
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.5 10.7 16.1

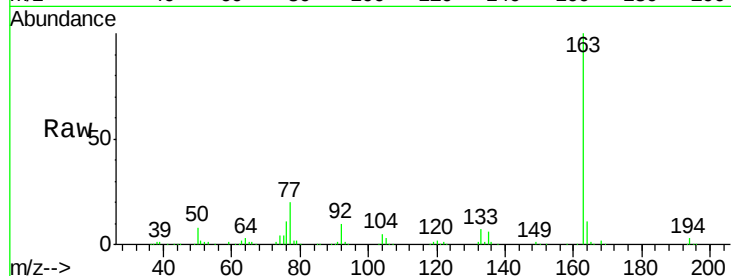




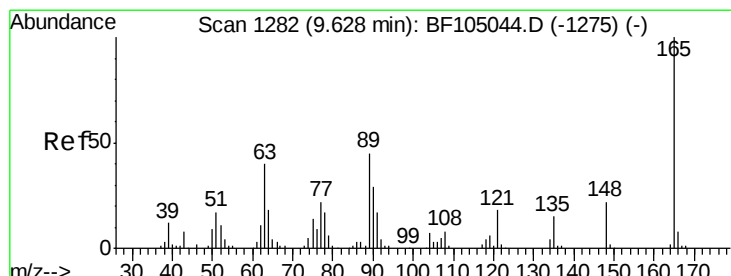
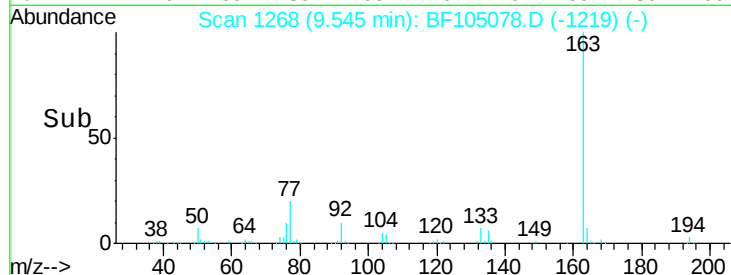
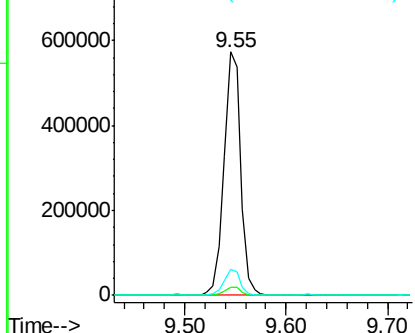
#49
Dimethylphthalate
Concen: 38.66 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 653592
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

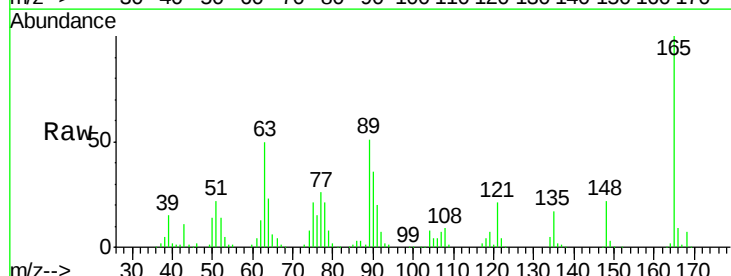


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

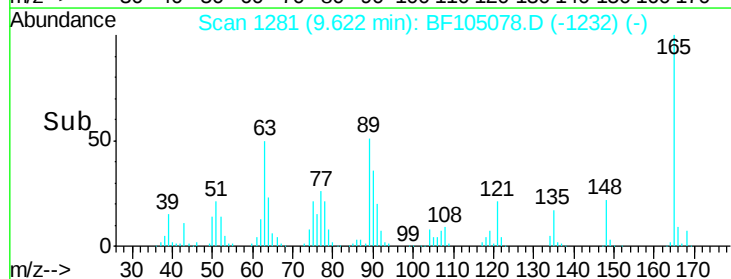
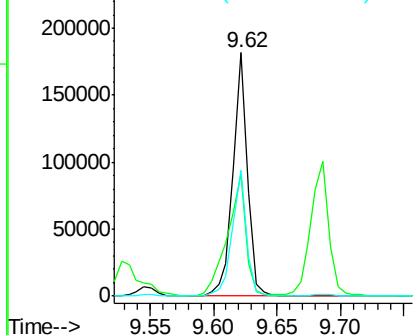


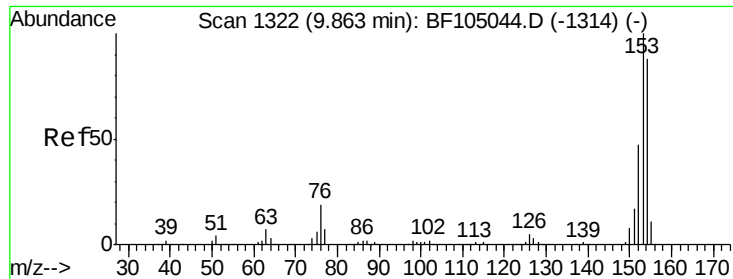
#50
2,6-Dinitrotoluene
Concen: 45.91 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:165 Resp: 143601
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 51.5 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: 34.59 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

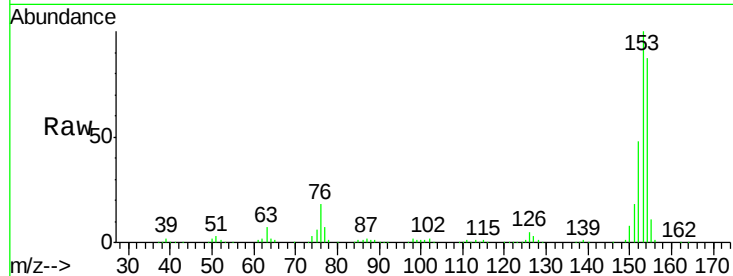
Tot Ion:154 Resp: 471011

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

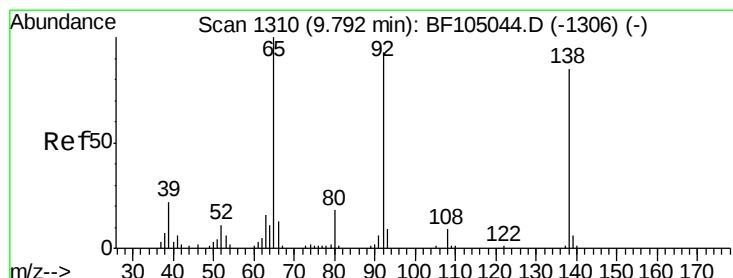
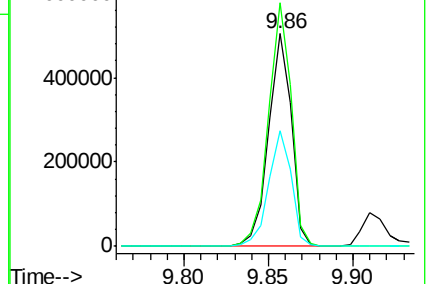
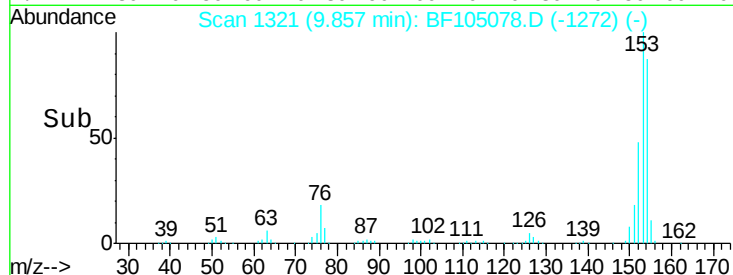
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.70 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

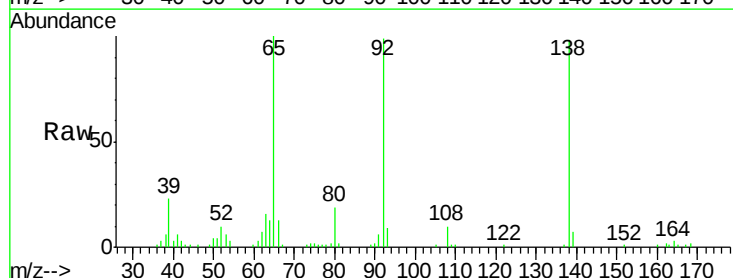
Tgt Ion:138 Resp: 53831

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

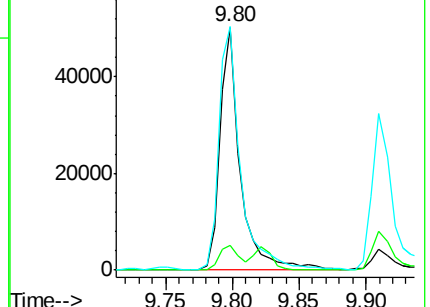
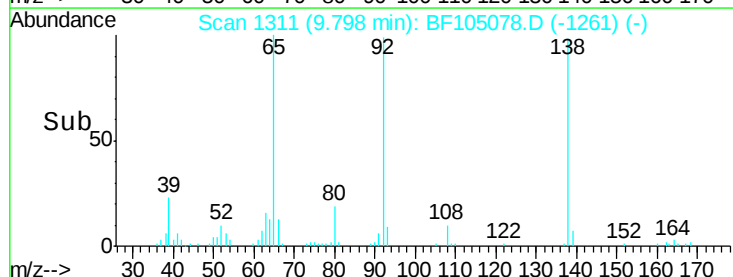
92 100.3 89.4 134.2

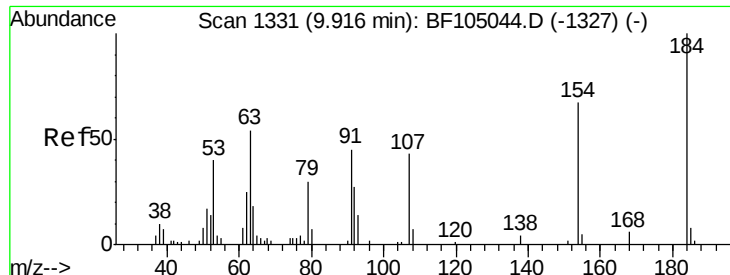


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

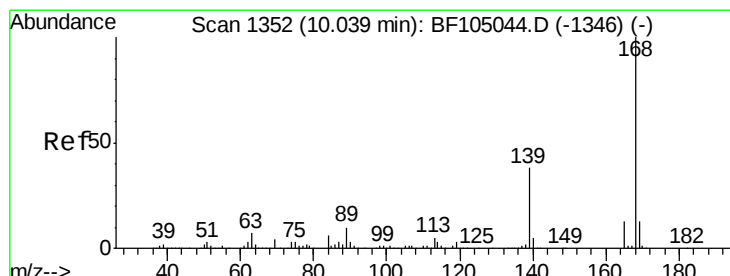
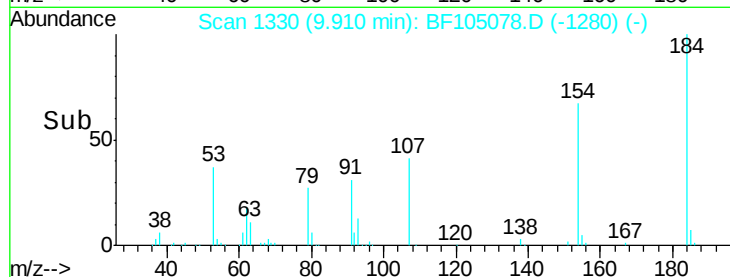
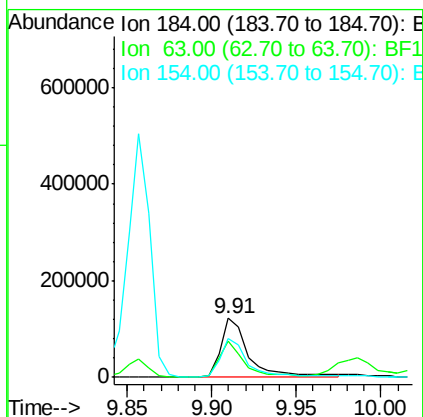
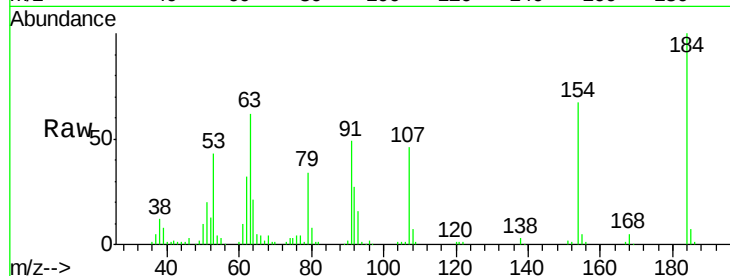




#53
2,4-Dinitrophenol
Concen: 98.64 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

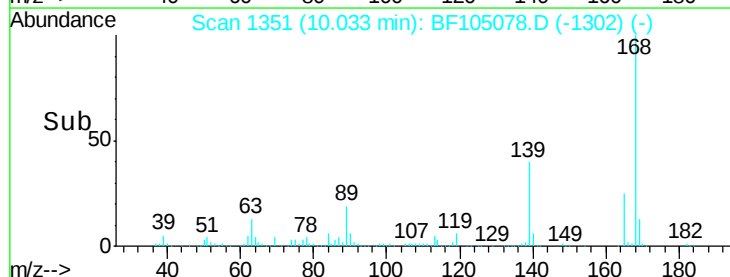
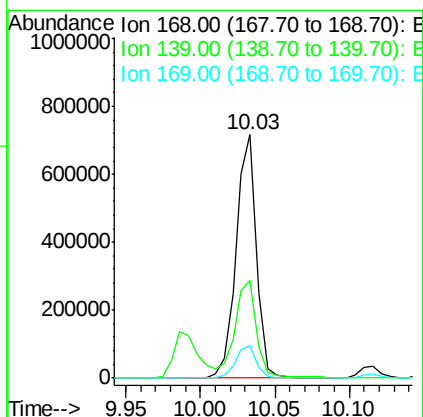
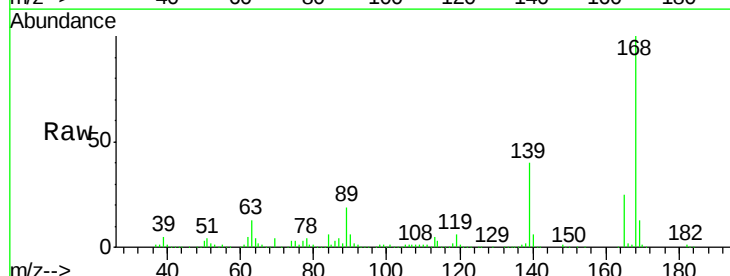
Instrument :
BNA_F
ClientSampleId :

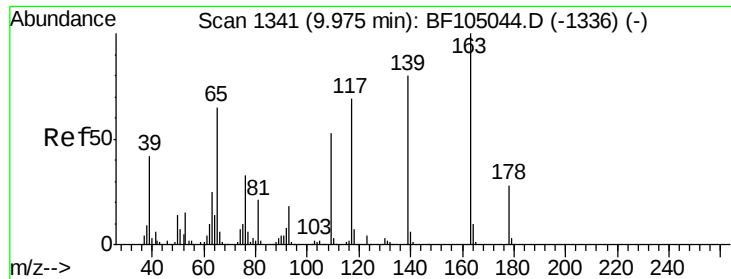
Tot Ion:184 Resp: 141798
Ion Ratio Lower Upper
184 100
63 62.5 54.2 81.2
154 66.9 184.0 276.0#



#54
Dibenzofuran
Concen: 36.03 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:168 Resp: 683677
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 13.1 10.9 16.3

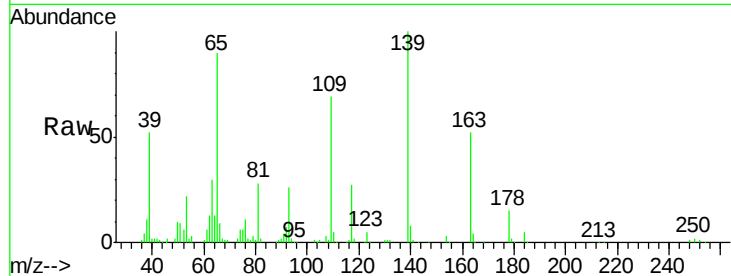




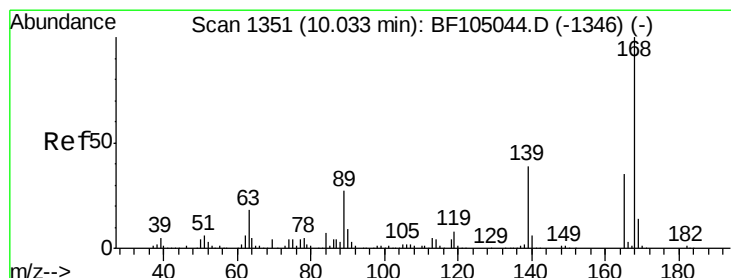
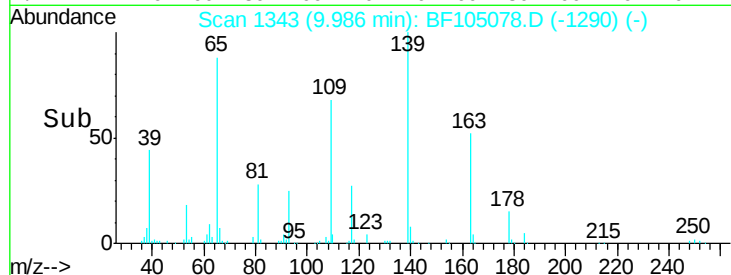
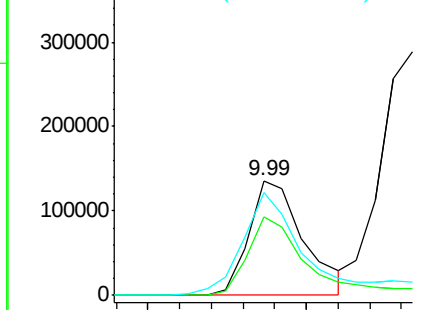
#55
4-Nitrophenol
Concen: 56.24 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 161788
Ion Ratio Lower Upper
139 100
109 68.8 48.4 88.4
65 89.7 72.6 112.6

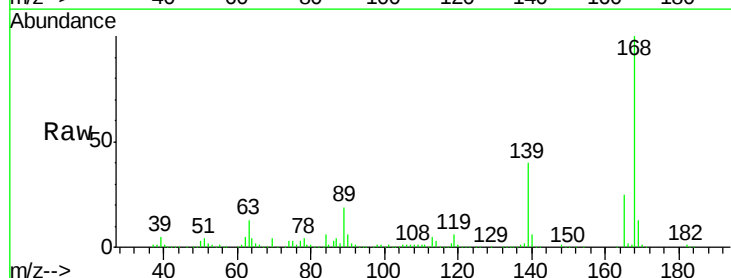


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

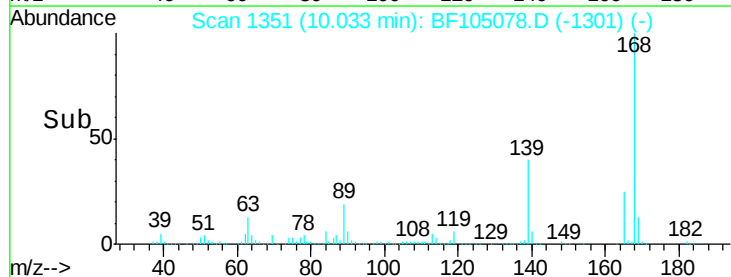
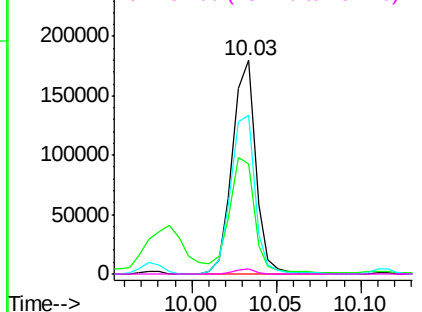


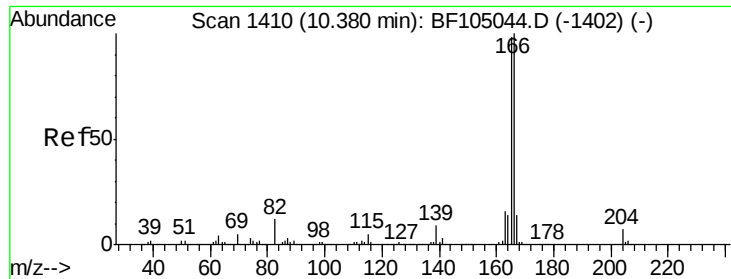
#56
2,4-Dinitrotoluene
Concen: 42.64 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:165 Resp: 174961
Ion Ratio Lower Upper
165 100
63 51.3 36.4 54.6
89 74.3 57.8 86.6
182 2.3 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: 41.77 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

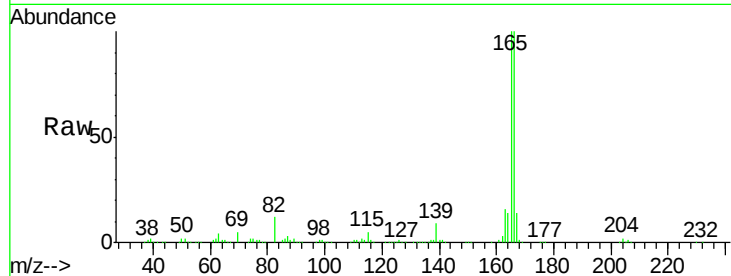
Tot Ion:166 Resp: 576987

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

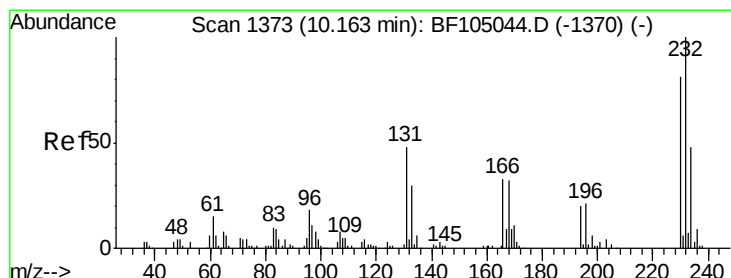
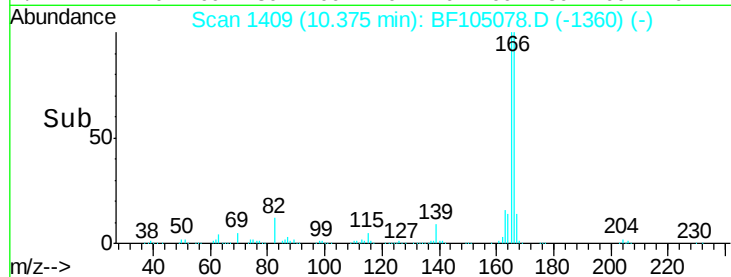
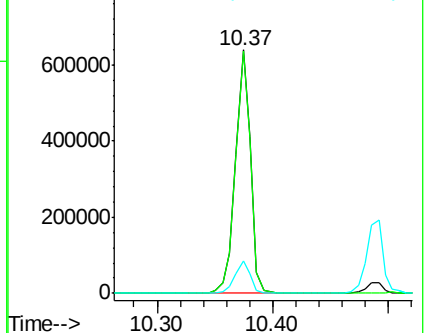
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.60 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:232 Resp: 147945

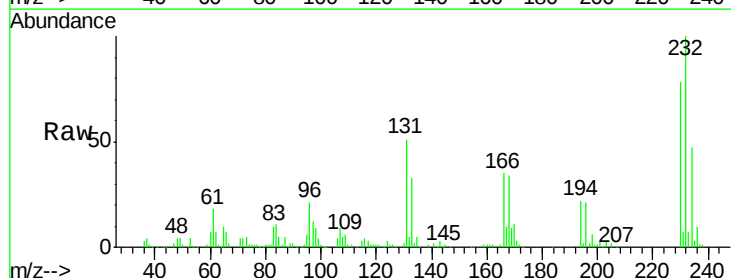
Ion Ratio Lower Upper

232 100

131 48.2 43.8 65.8

130 2.3 2.1 3.1

166 33.0 27.8 41.6

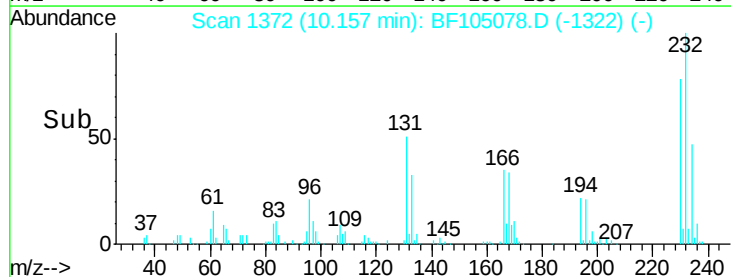
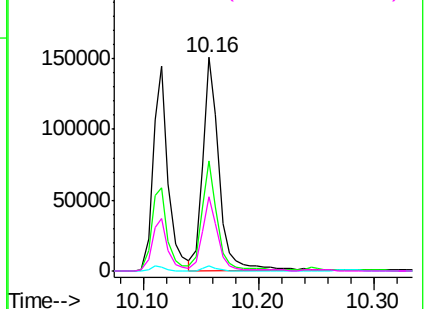


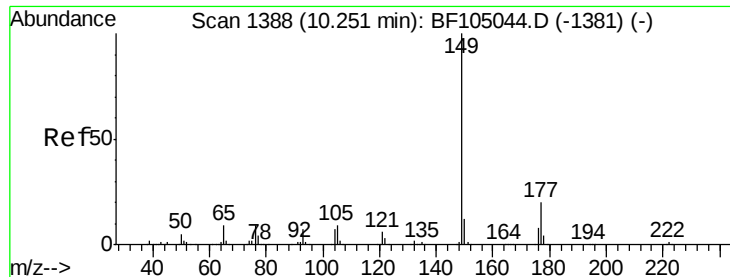
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

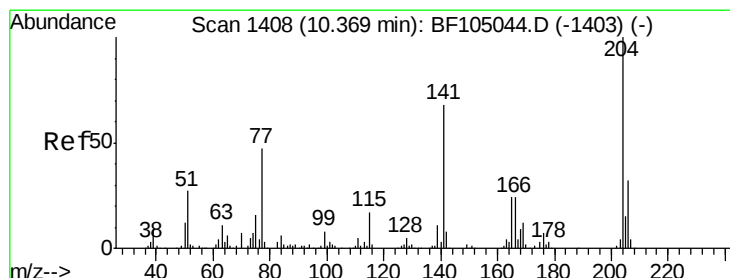
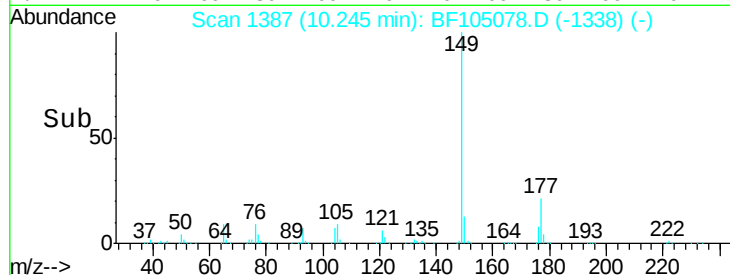
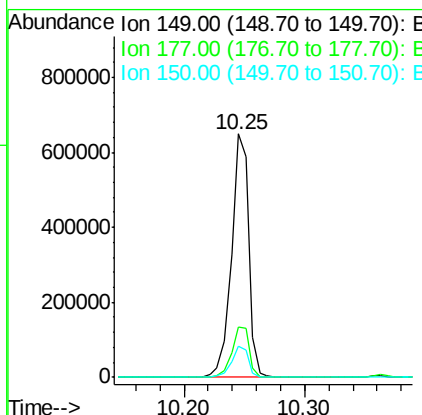
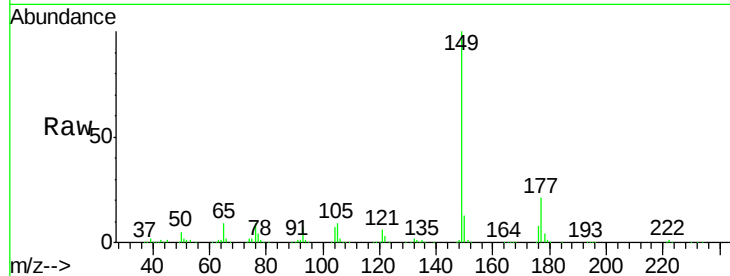




#59
Diethylphthalate
Concen: 38.31 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

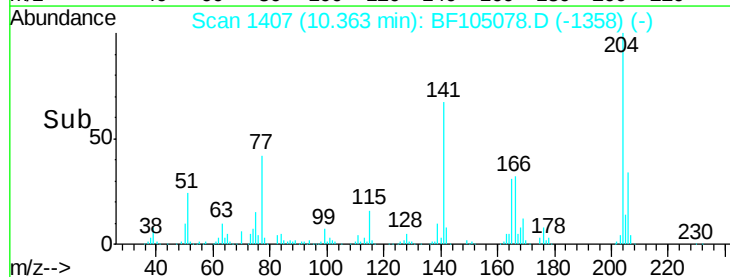
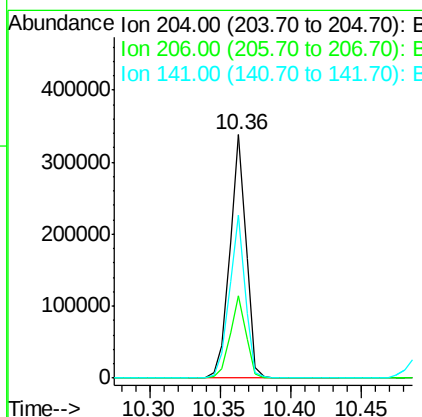
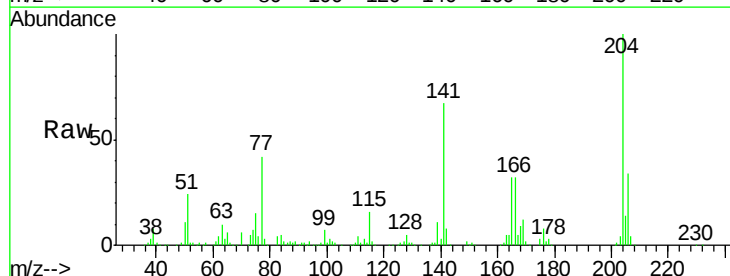
Instrument :
BNA_F
ClientSampleId :

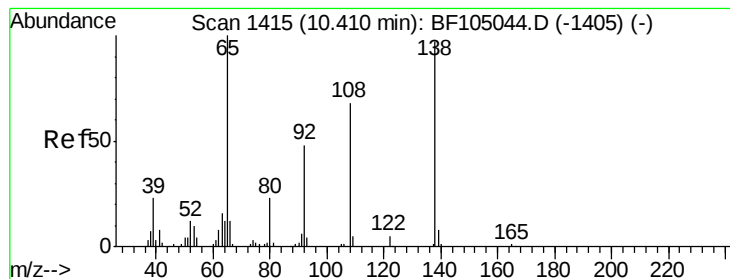
Tot Ion:149 Resp: 645045
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.18 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:204 Resp: 271786
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 67.0 54.6 81.8





#61

4-Nitroaniline

Concen: 38.94 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

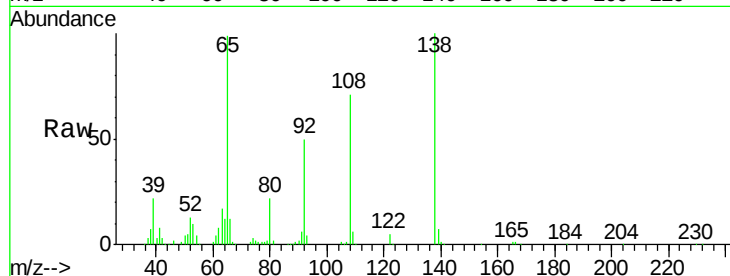
Tot Ion:138 Resp: 139422

Ion Ratio Lower Upper

138 100

92 50.1 30.2 70.2

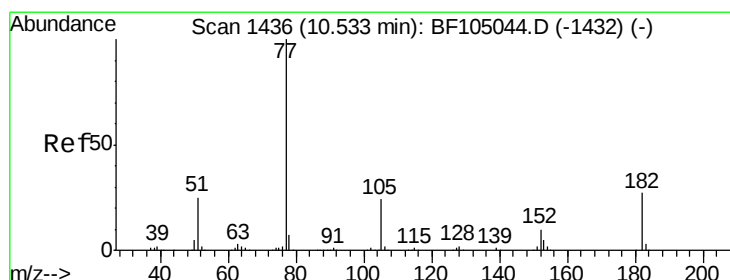
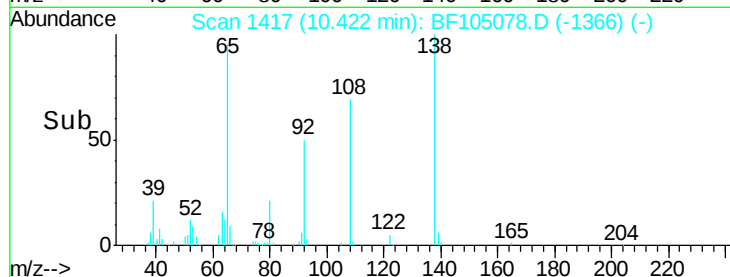
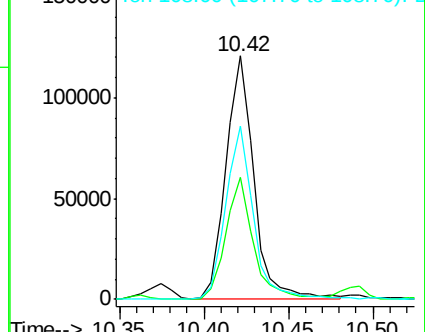
108 71.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.63 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion: 77 Resp: 573121

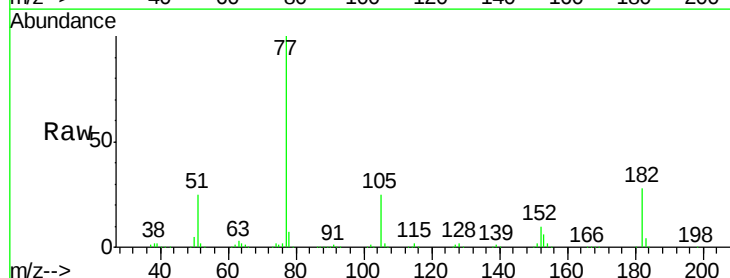
Ion Ratio Lower Upper

77 100

182 27.6 1.7 41.7

105 24.6 3.0 43.0

51 25.1 9.9 49.9

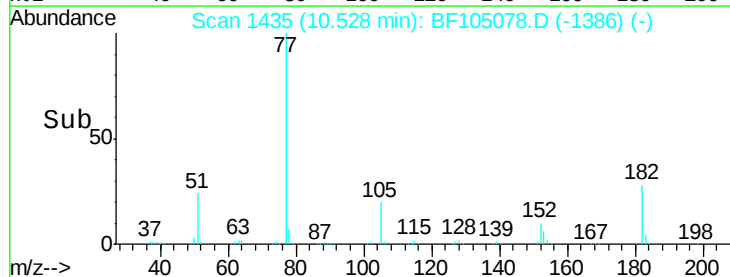
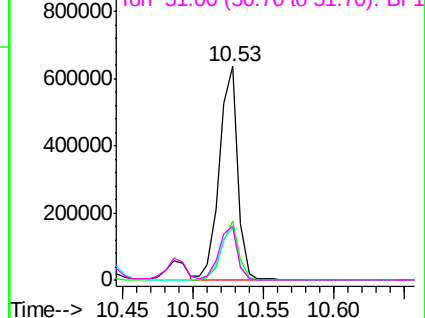


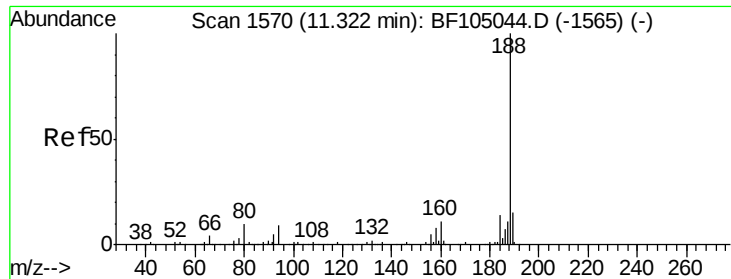
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

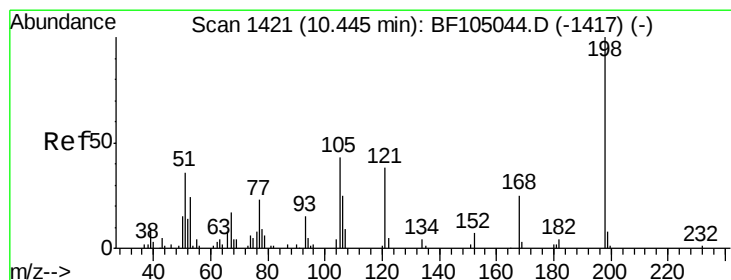
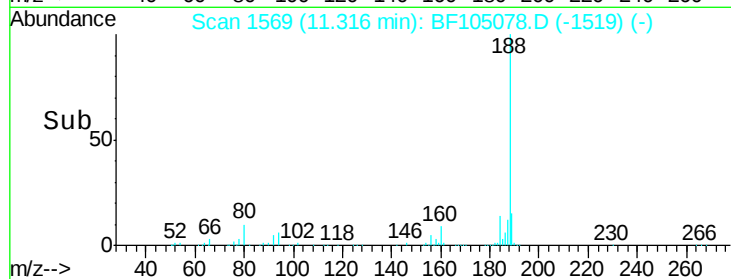
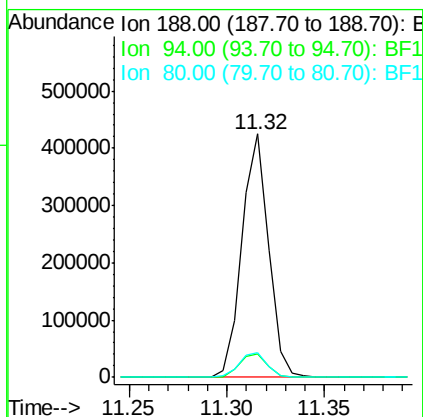
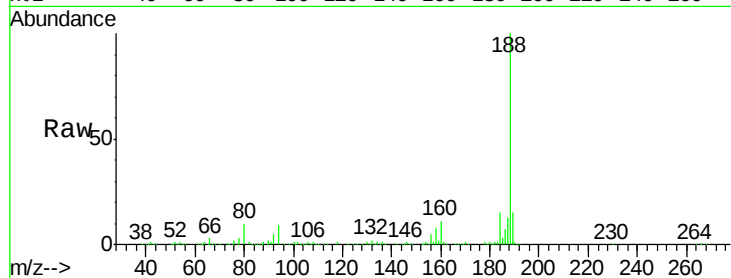




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

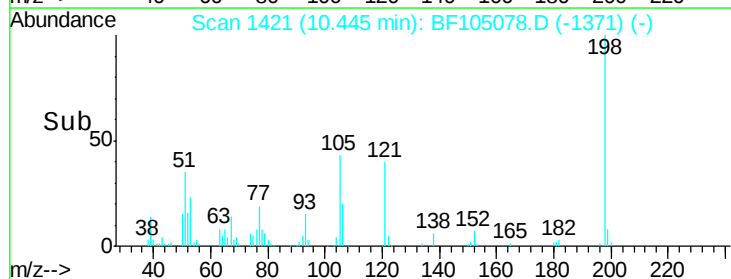
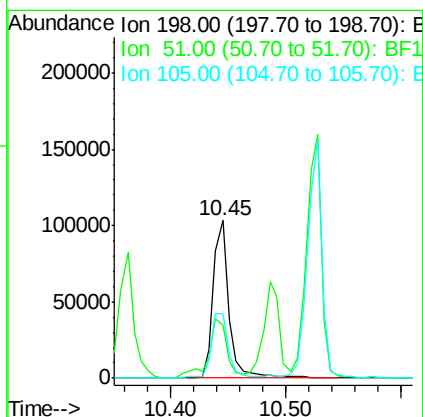
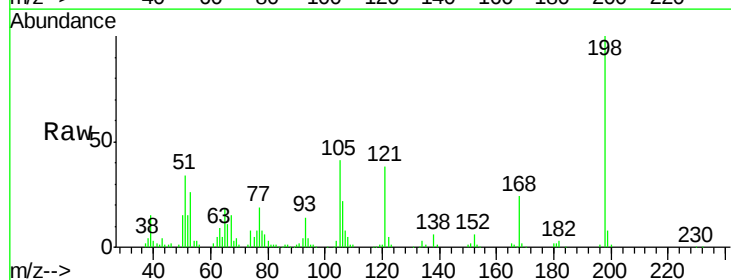
Instrument :
BNA_F
ClientSampled :

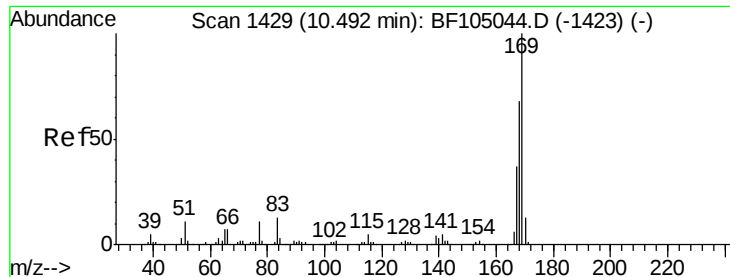
Tot Ion:188 Resp: 402398
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 49.92 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:198 Resp: 98518
Ion Ratio Lower Upper
198 100
51 33.6 37.7 77.7#
105 41.2 36.3 76.3

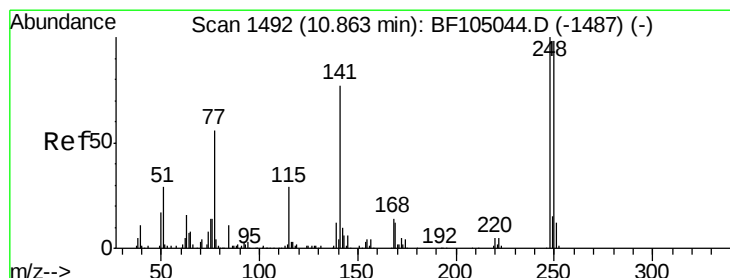
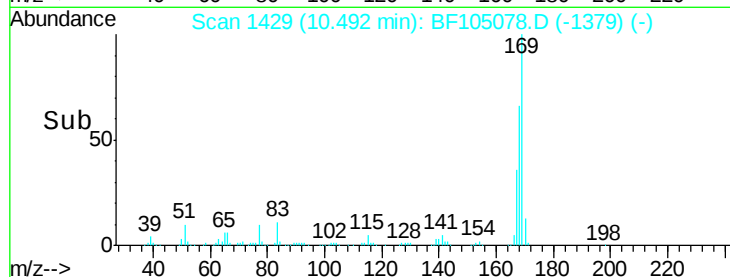
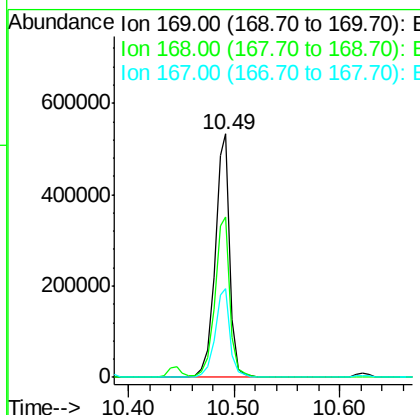
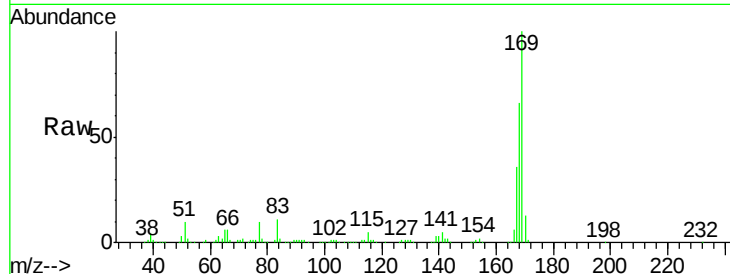




#65
n-Nitrosodiphenylamine
Concen: 37.53 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

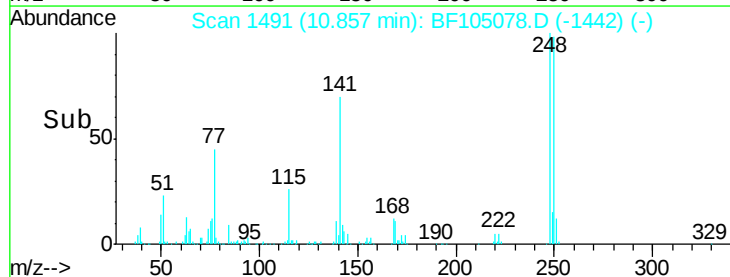
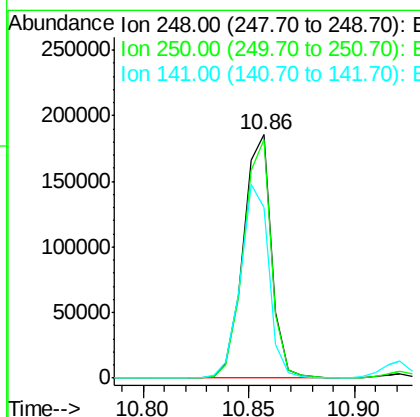
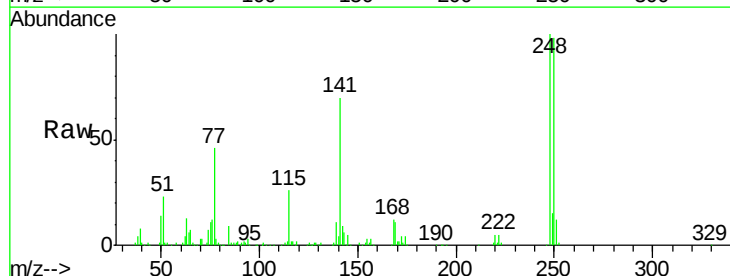
Instrument :
BNA_F
ClientSampleId :

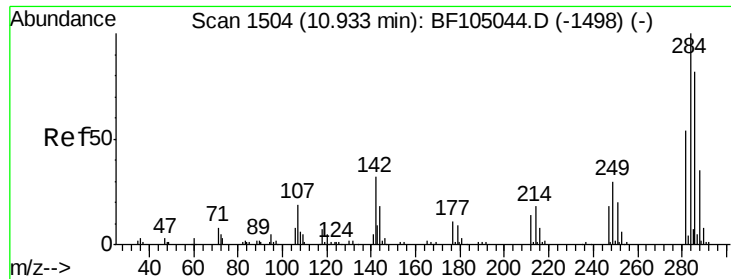
Tot Ion:169 Resp: 523672
Ion Ratio Lower Upper
169 100
168 66.1 54.4 81.6
167 36.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.19 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:248 Resp: 172033
Ion Ratio Lower Upper
248 100
250 98.0 76.9 115.3
141 70.3 74.4 111.6#

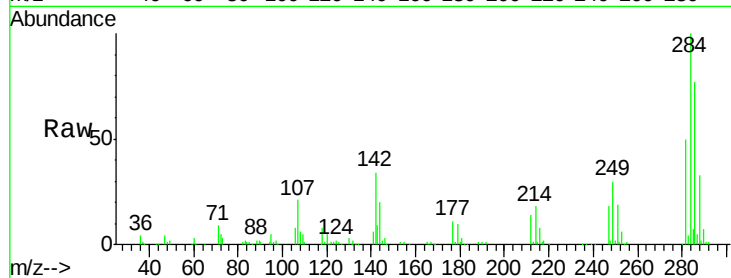




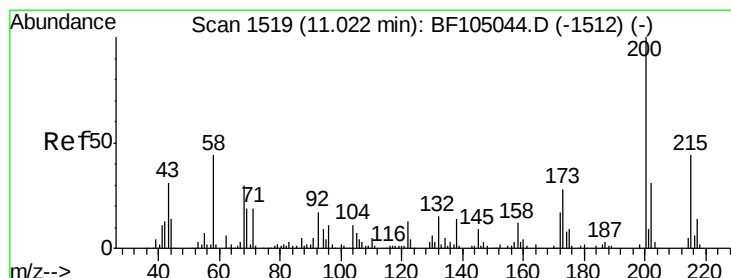
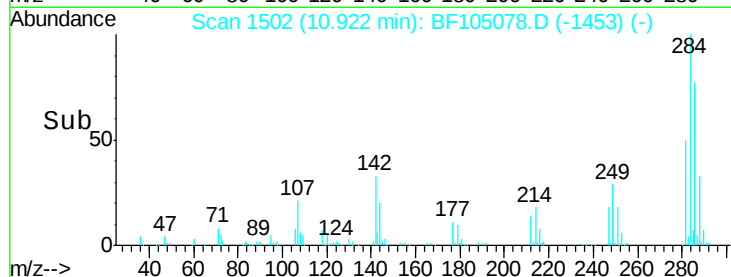
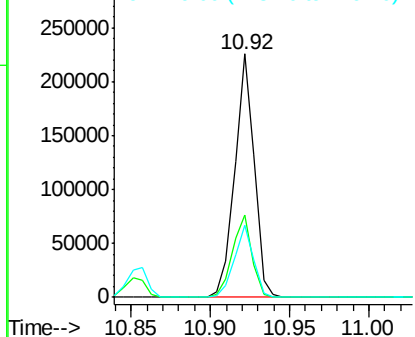
#67
Hexachlorobenzene
Concen: 39.83 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 191844
Ion Ratio Lower Upper
284 100
142 33.7 34.6 52.0#
249 29.8 24.8 37.2

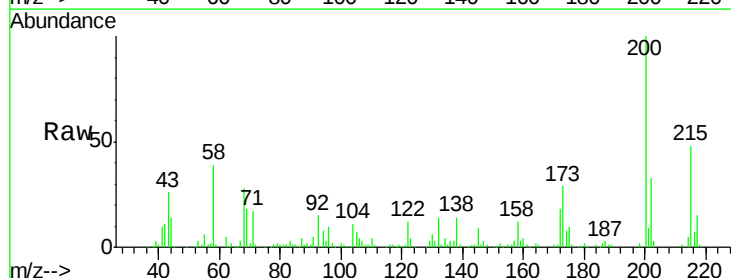


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

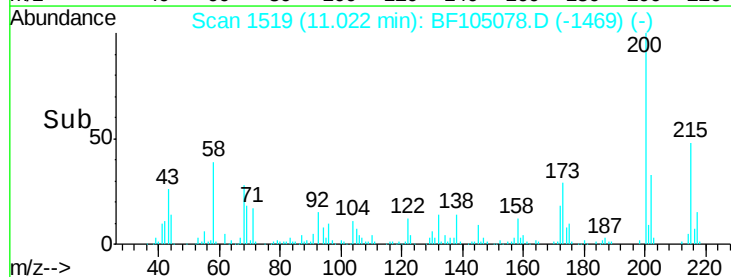
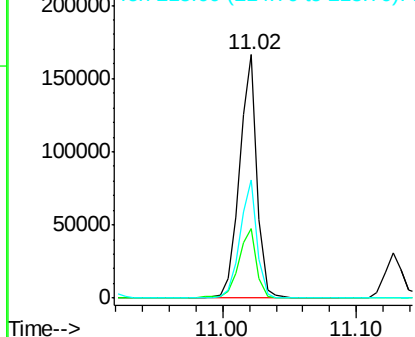


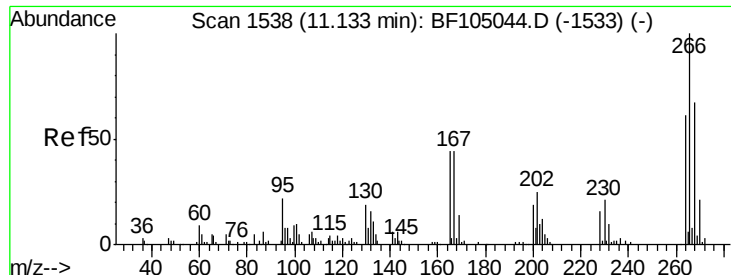
#68
Atrazine
Concen: 35.89 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:200 Resp: 151167
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 48.5 25.1 65.1



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

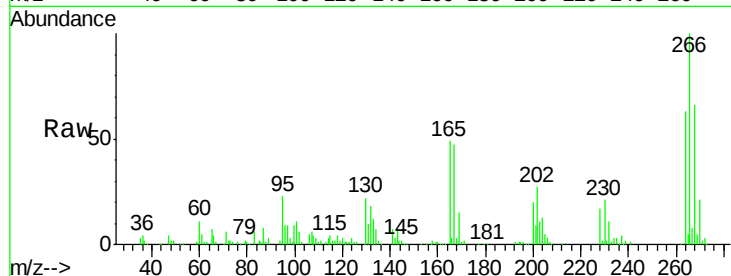




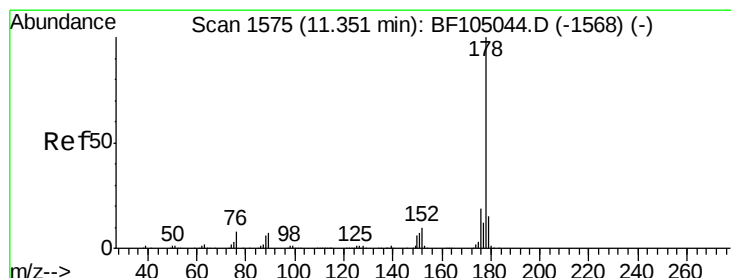
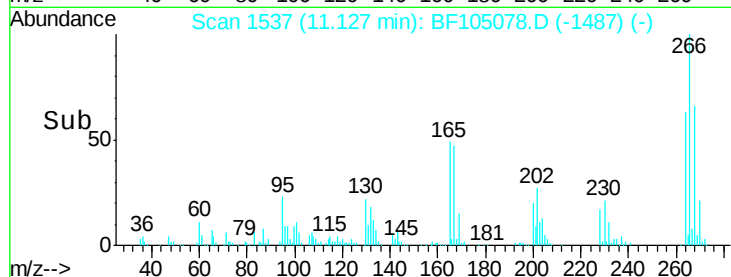
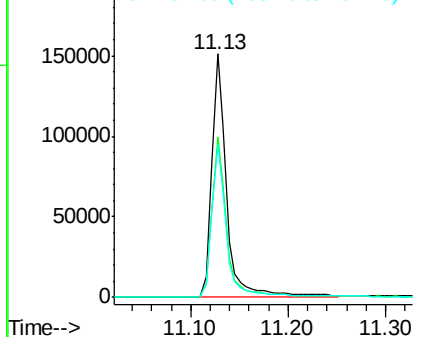
#69
 Pentachlorophenol
 Concen: 54.11 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 161210
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 62.6 49.5 74.3

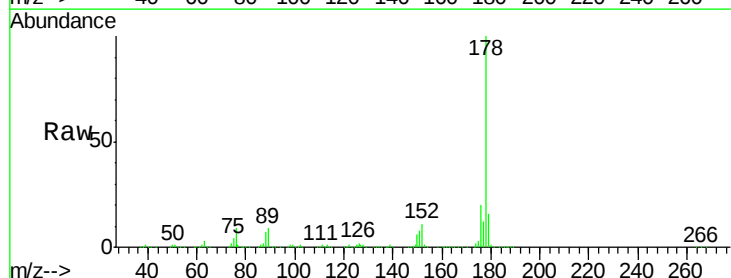


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

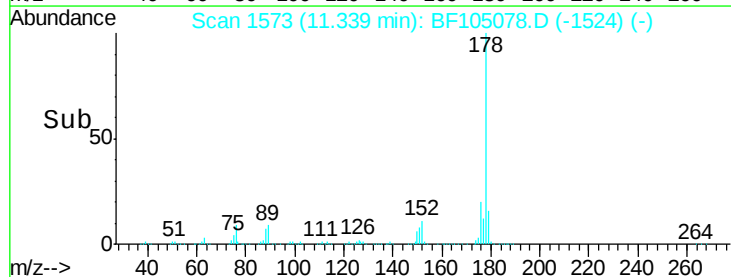
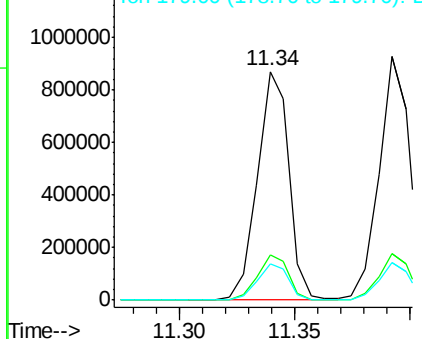


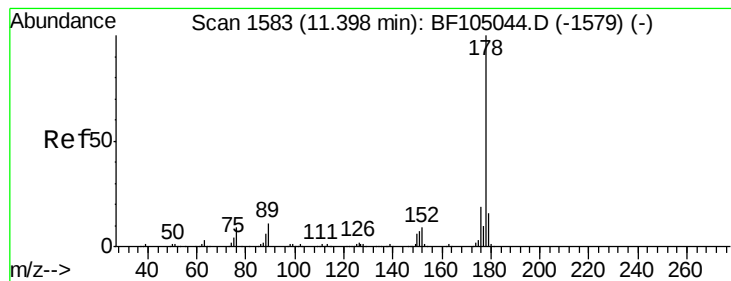
#70
 Phenanthrene
 Concen: 37.07 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion:178 Resp: 830692
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6



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





#71

Anthracene

Concen: 38.07 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

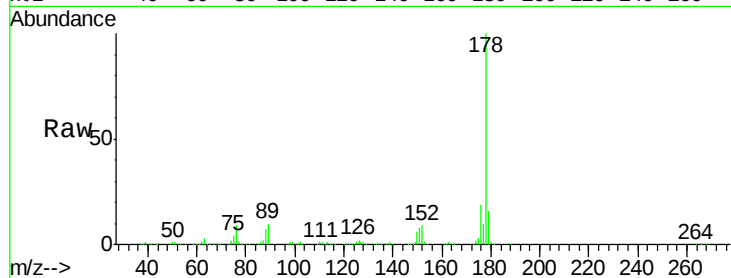
Tot Ion:178 Resp: 867099

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

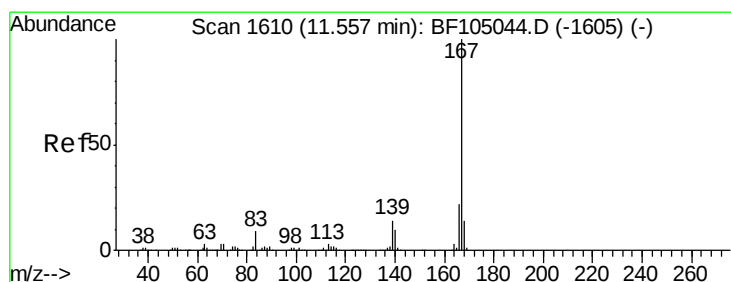
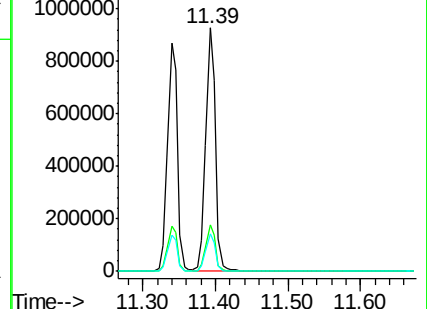
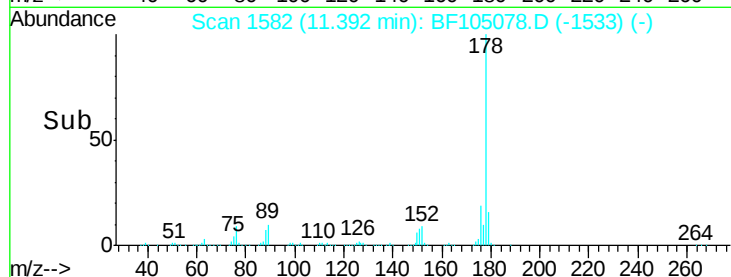
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.44 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

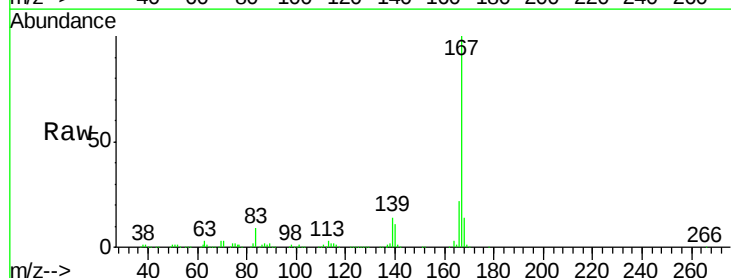
Tgt Ion:167 Resp: 788899

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

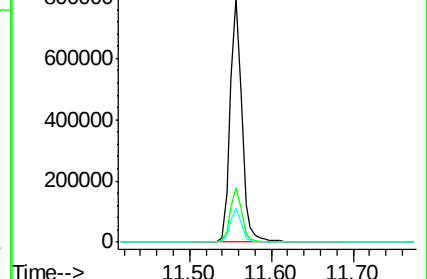
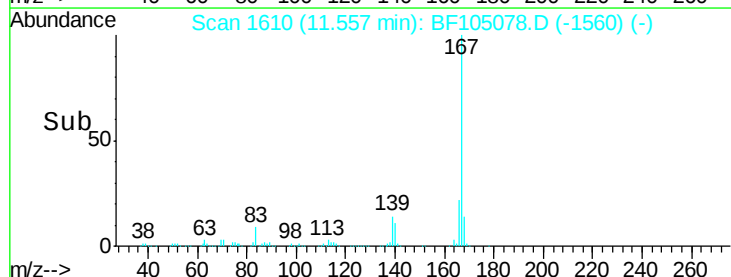
139 14.0 10.9 16.3

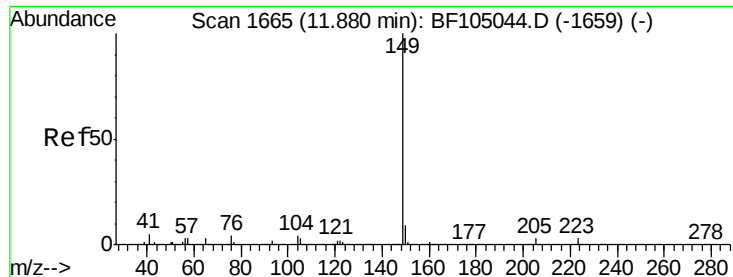


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.91 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

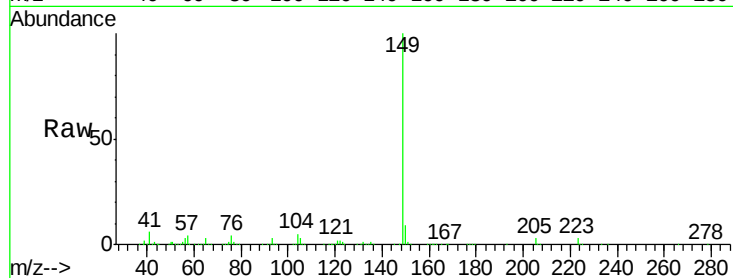
Tot Ion:149 Resp: 1030680

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

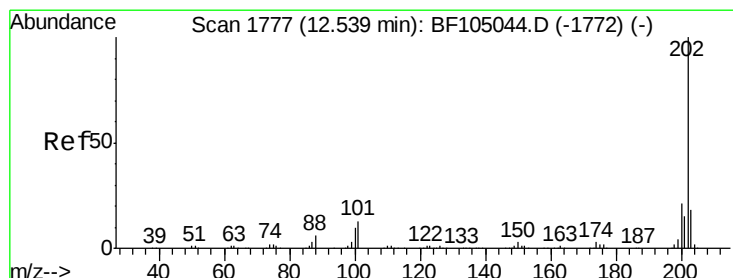
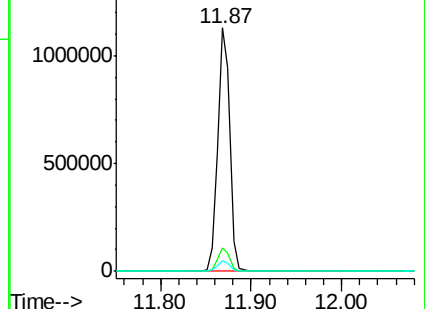
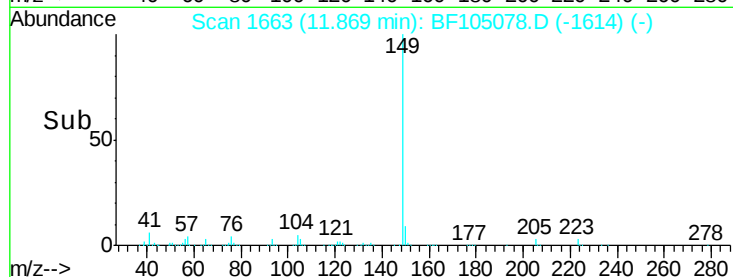
104 4.6 3.8 5.8



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: 37.18 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

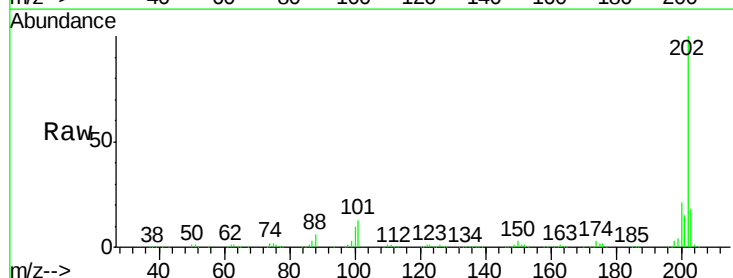
Tgt Ion:202 Resp: 870426

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

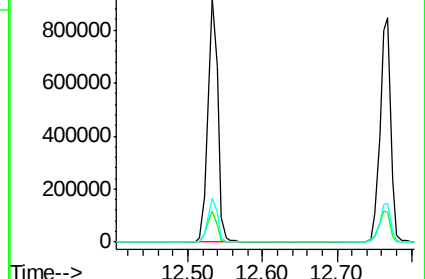
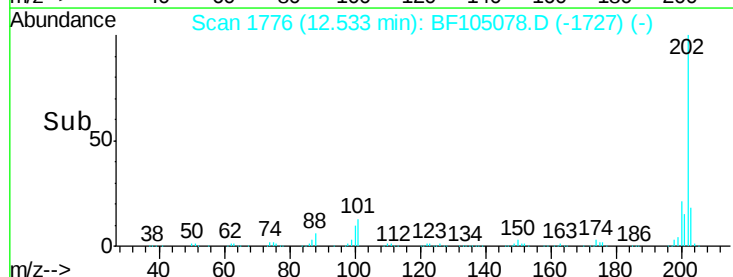
203 17.8 0.0 38.1

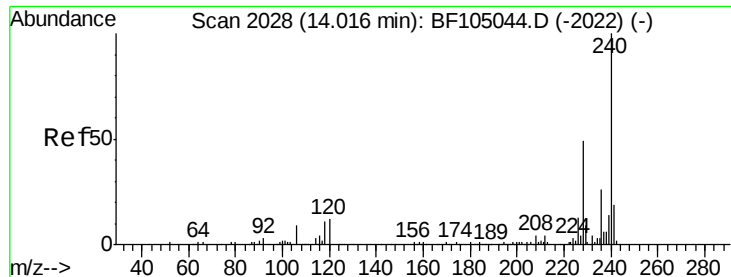


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

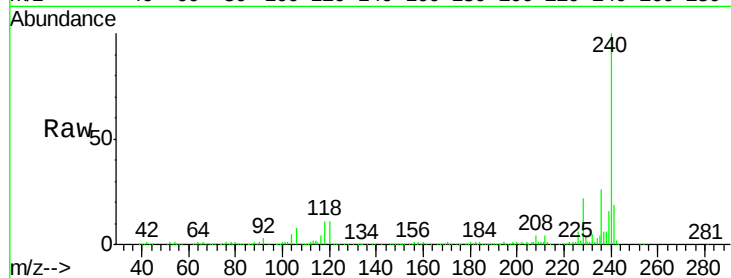
Tot Ion:240 Resp: 292015

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

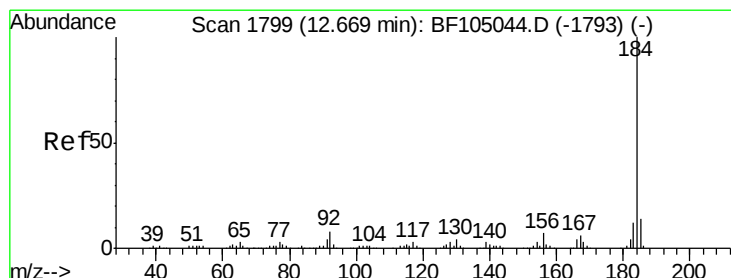
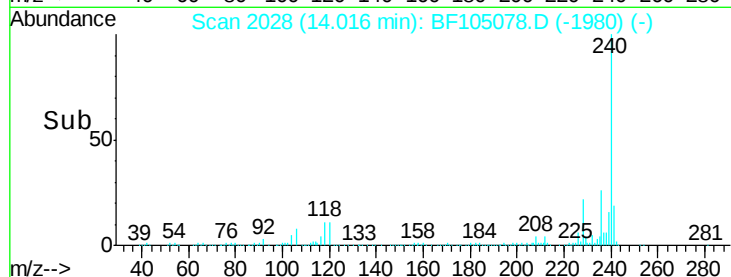
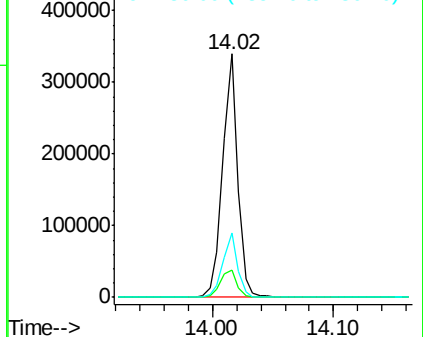
236 26.4 20.7 31.1



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: 9.33 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

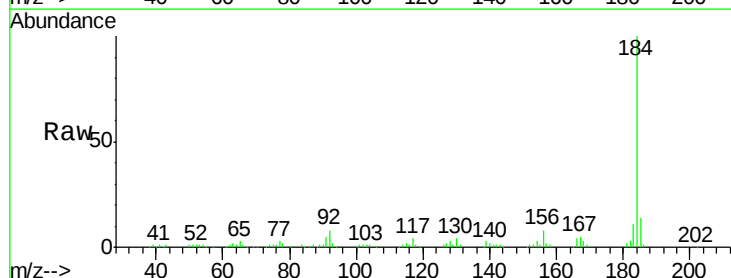
Tgt Ion:184 Resp: 135634

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

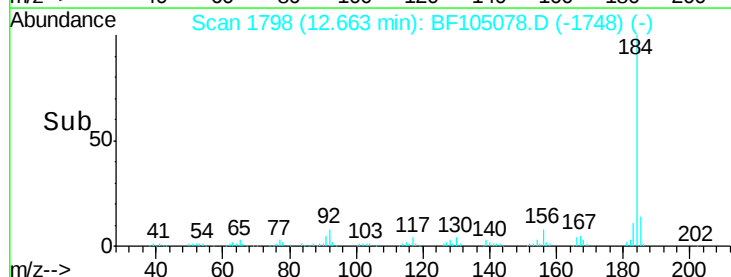
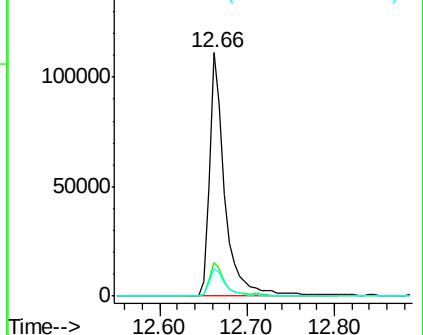
183 11.5 9.3 13.9

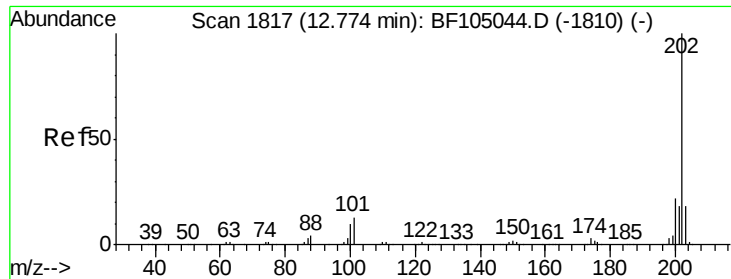


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

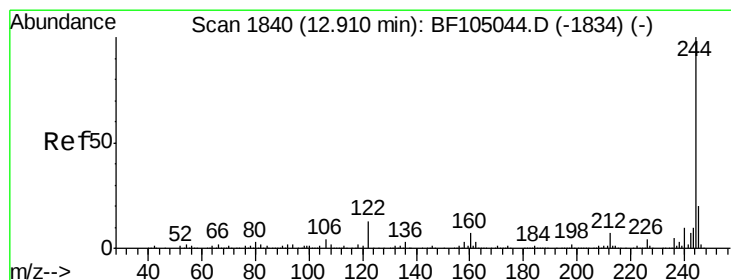
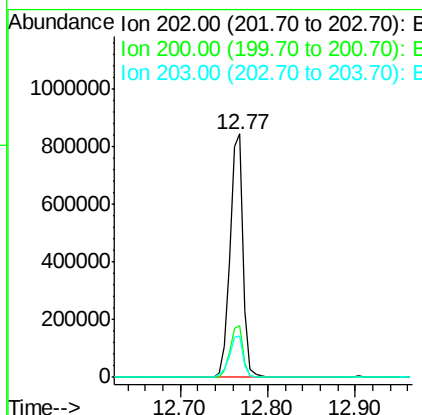
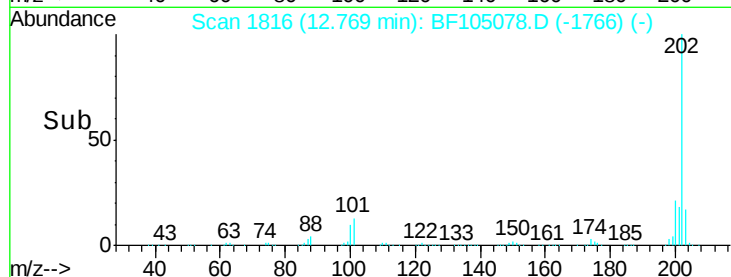
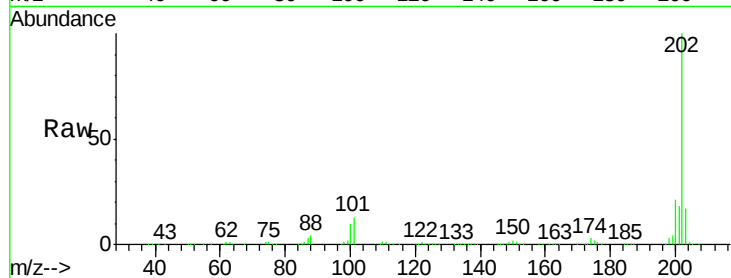




#77
Pvrene
Concen: 40.14 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

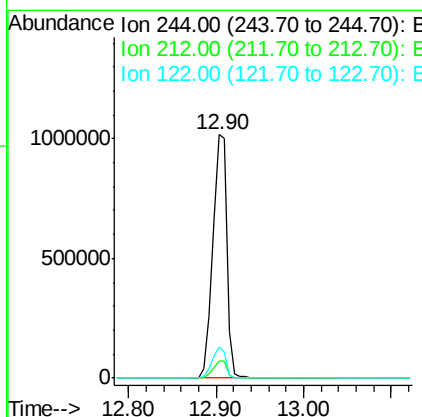
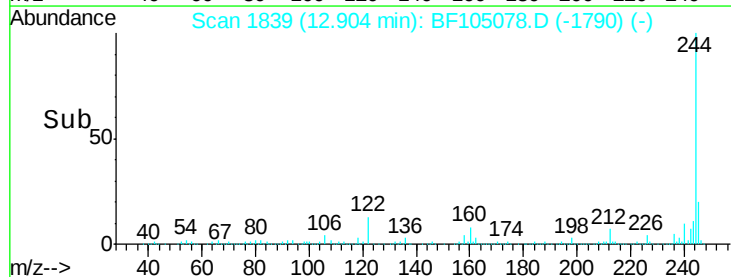
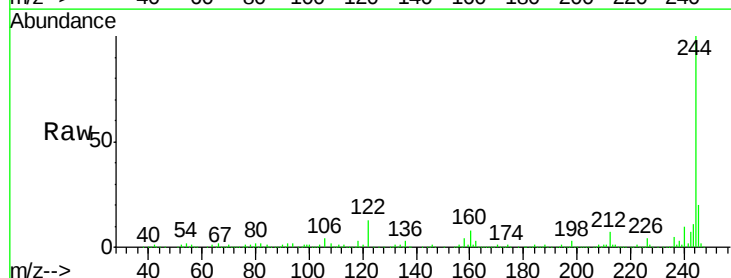
Instrument :
BNA_F
ClientSampleId :

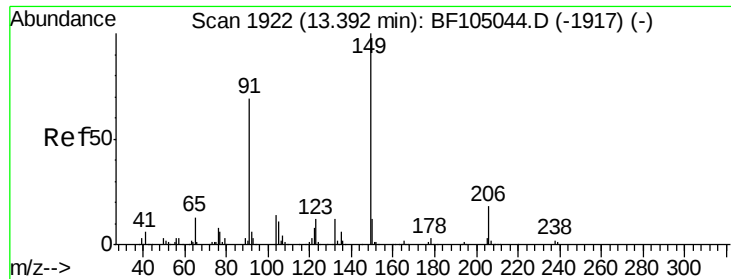
Tot Ion:202 Resp: 868907
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 89.03 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:244 Resp: 1140398
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.9 11.0 16.4

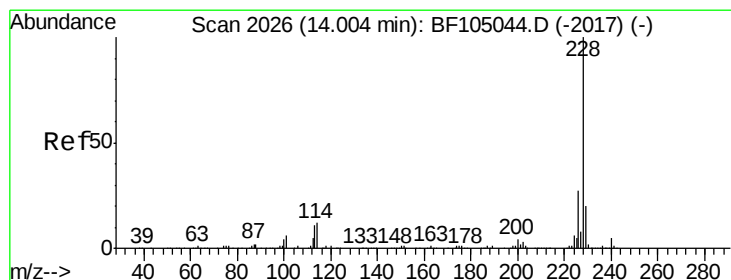
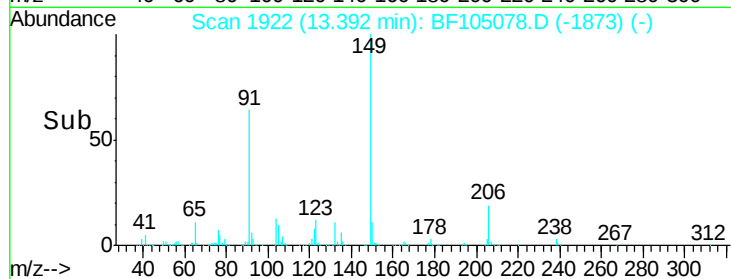
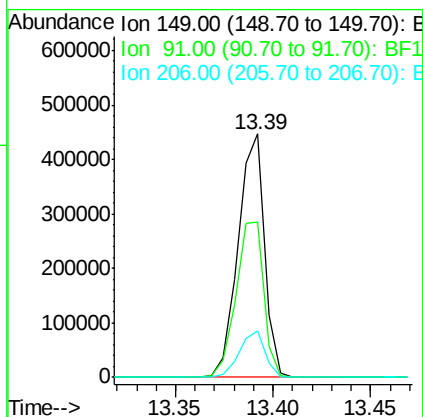
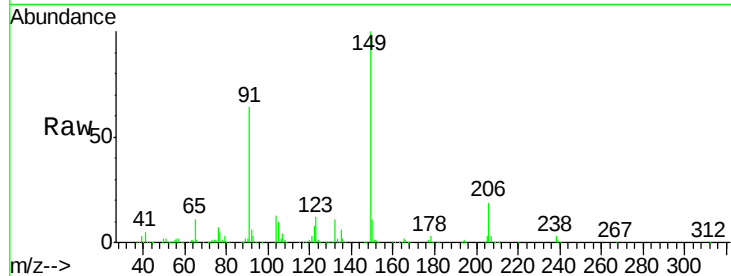




#79
Butylbenzylphthalate
Concen: 41.01 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

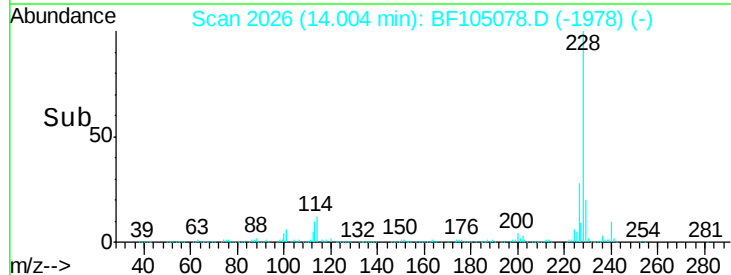
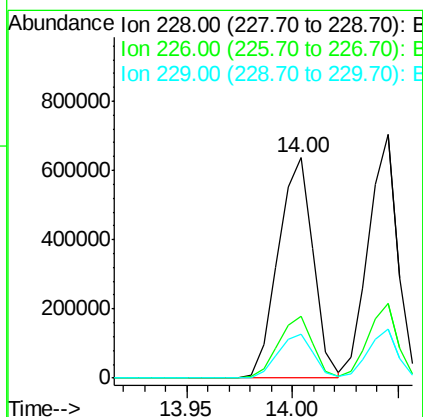
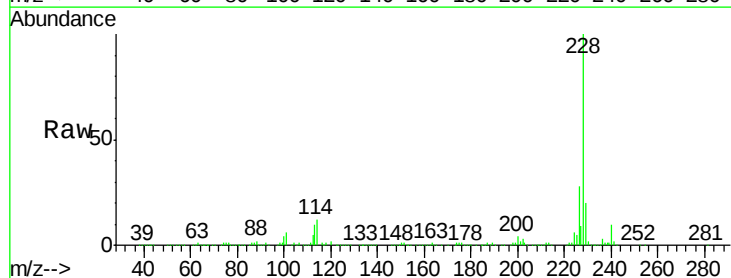
Instrument :
BNA_F
ClientSampleId :

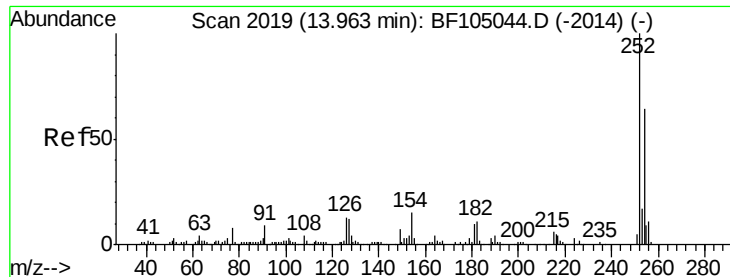
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.20 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 14.70 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

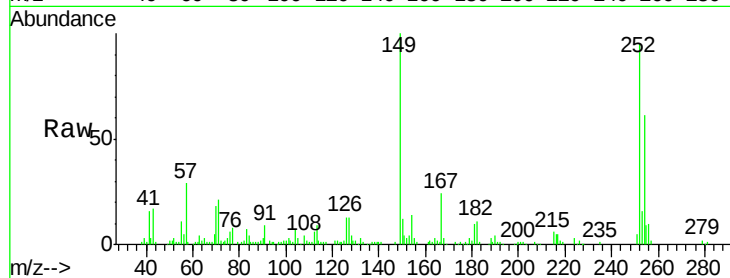
Tot Ion:252 Resp: 95592

Ion Ratio Lower Upper

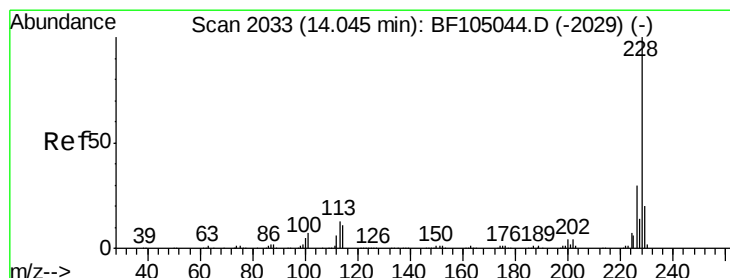
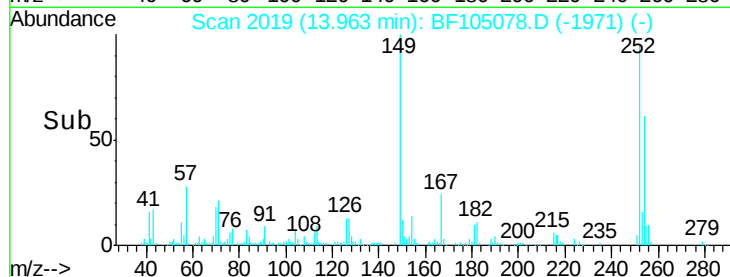
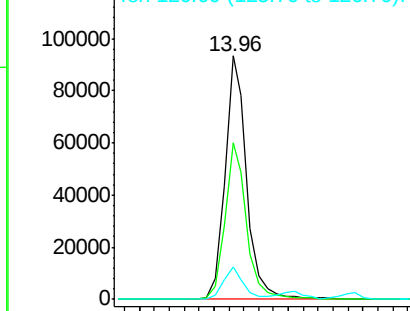
252 100

254 64.4 50.4 75.6

126 13.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.44 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

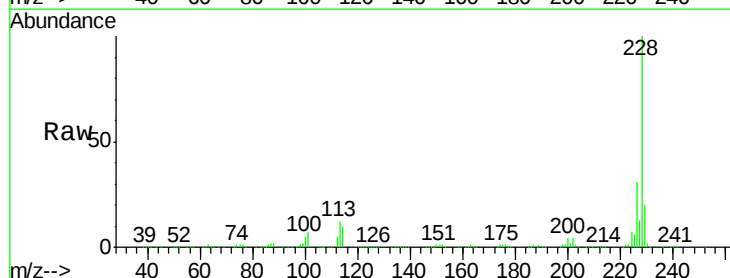
Tgt Ion:228 Resp: 688866

Ion Ratio Lower Upper

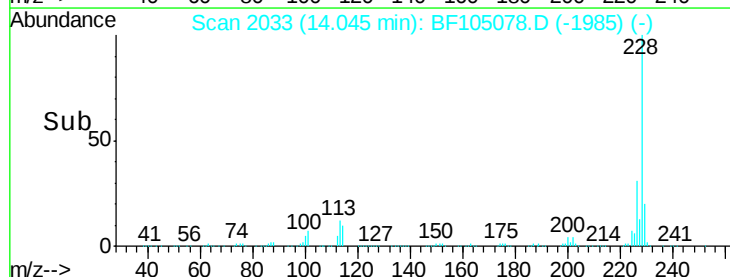
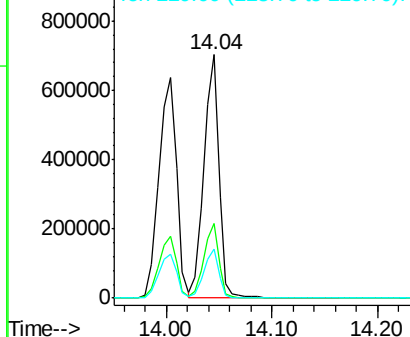
228 100

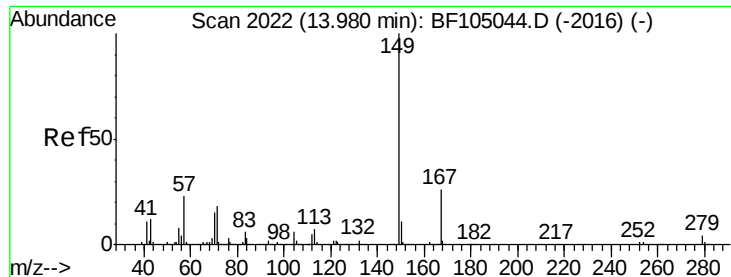
226 30.9 25.0 37.6

229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

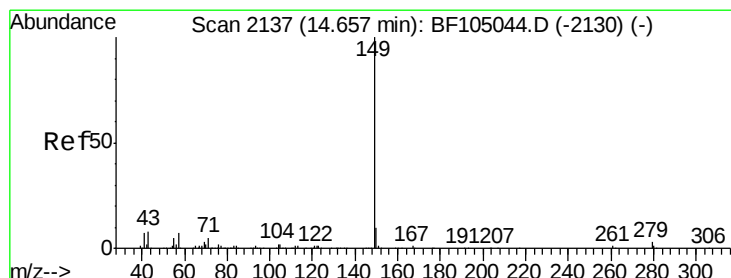
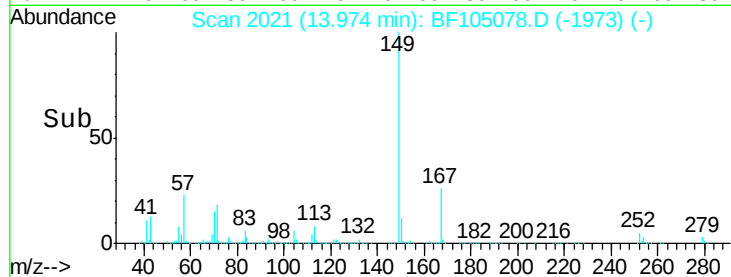
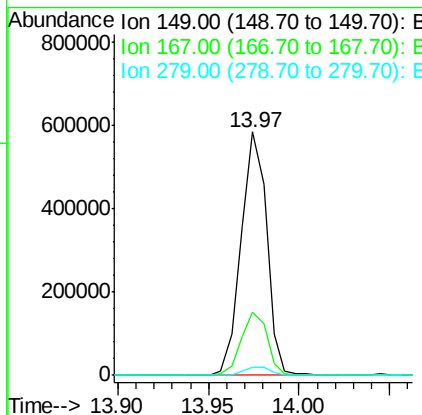
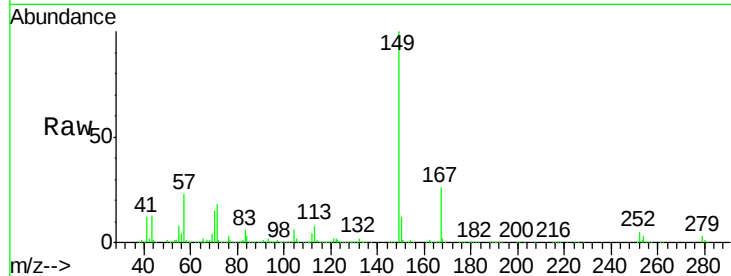




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

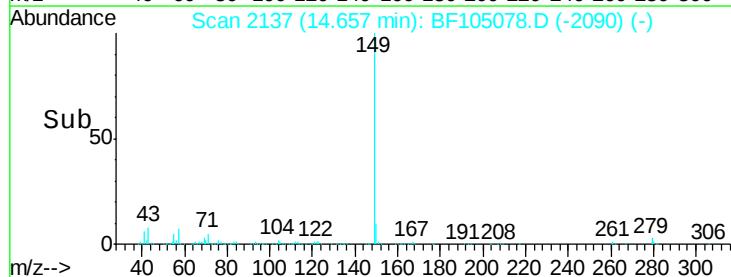
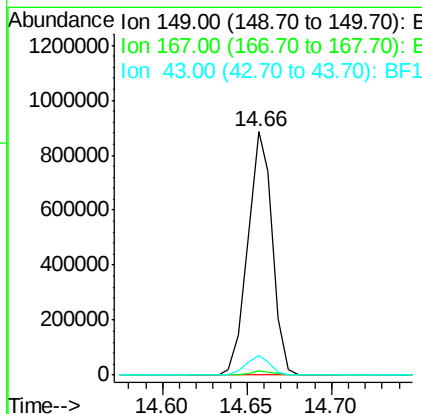
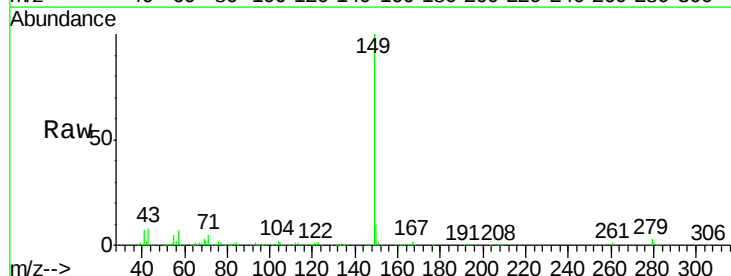
Instrument :
 BNA_F
 ClientSampleId :

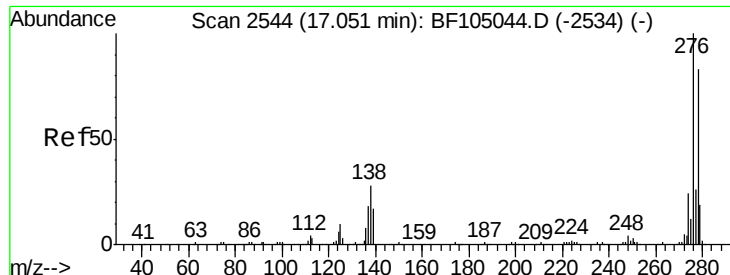
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.03 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

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

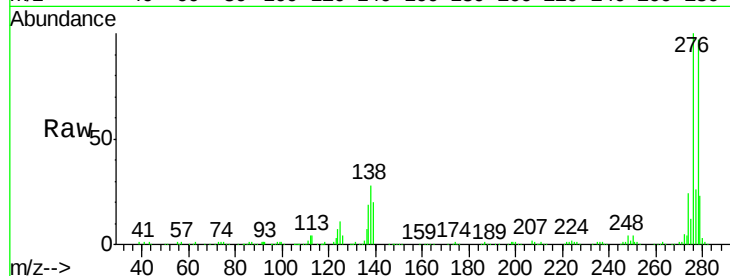




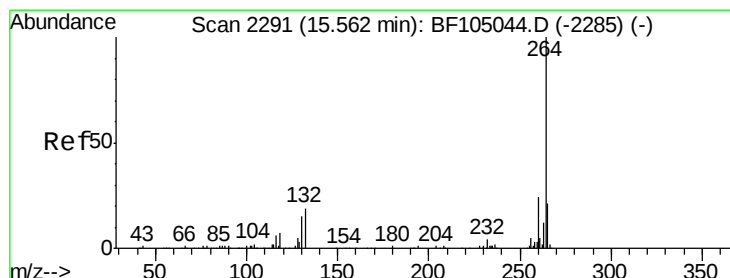
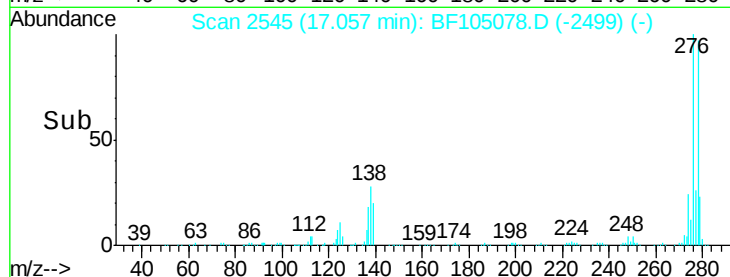
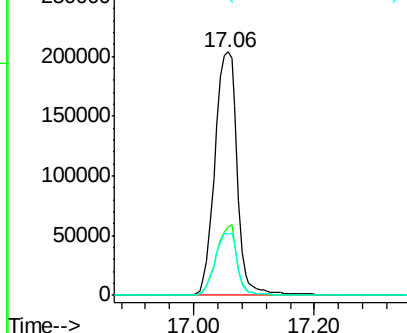
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.45 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.03 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 524388
Ion Ratio Lower Upper
276 100
138 27.0 25.0 37.6
277 25.7 20.1 30.1

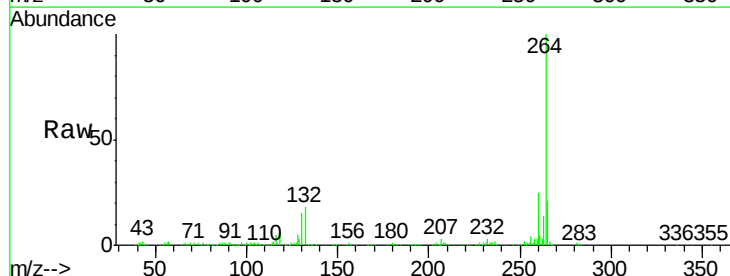


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

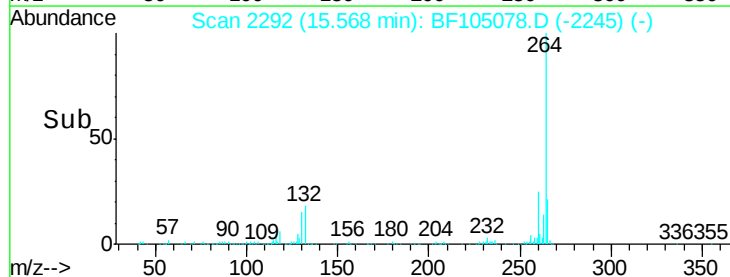
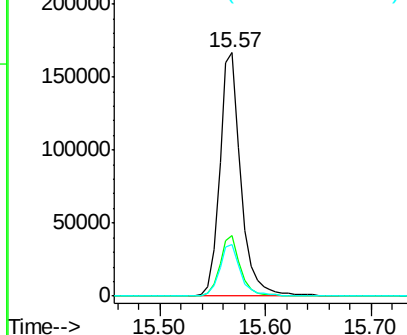


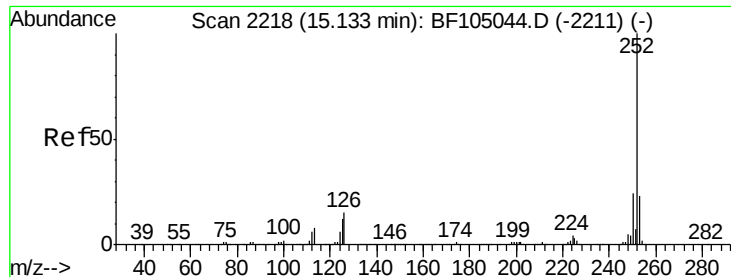
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:264 Resp: 232643
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.1 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

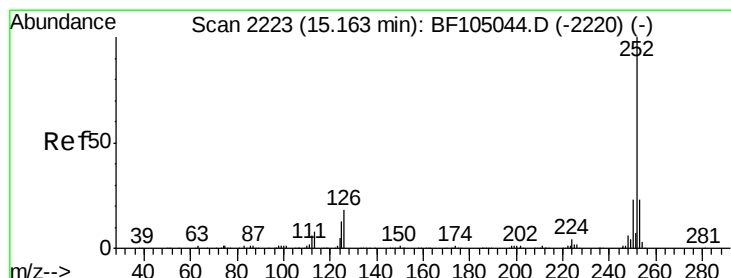
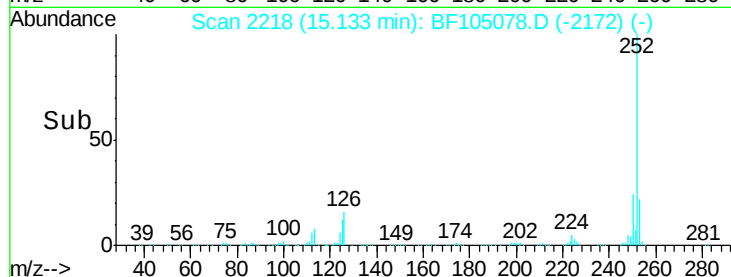
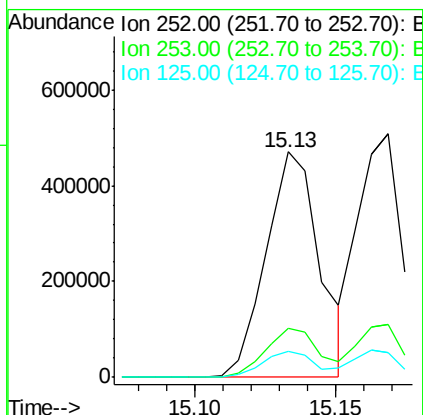
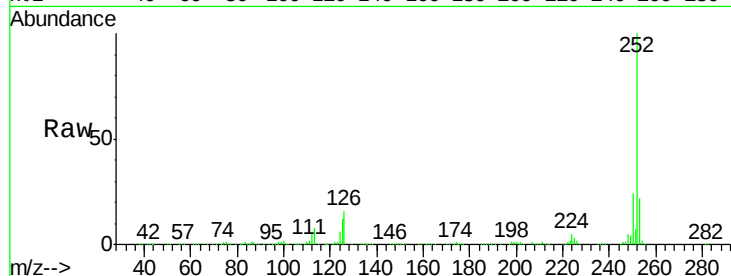




#87
Benzo(b)fluoranthene
Concen: 42.25 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

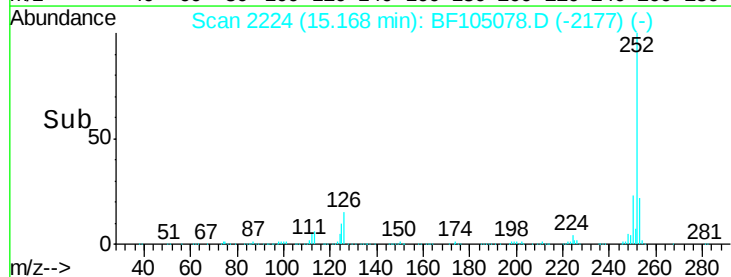
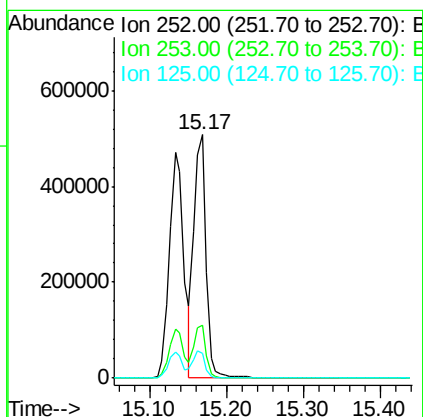
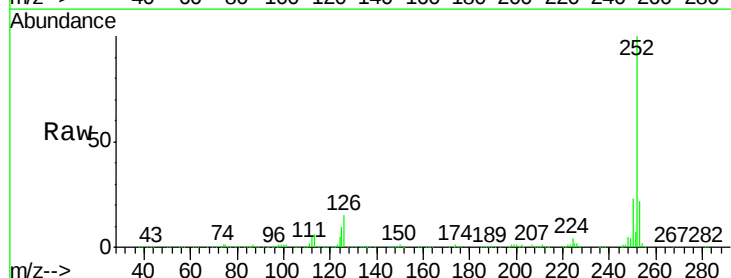
Instrument :
BNA_F
ClientSampleId :

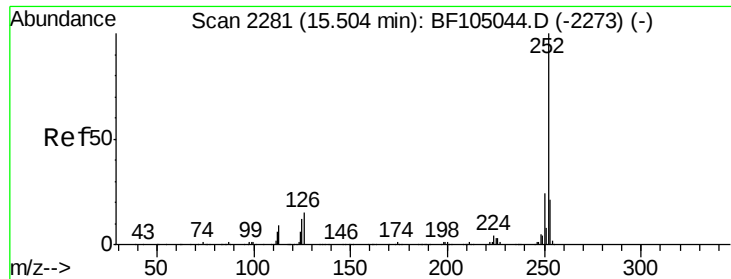
Tot Ion:252 Resp: 620728
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.84 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:252 Resp: 566505
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.3 10.2 15.2

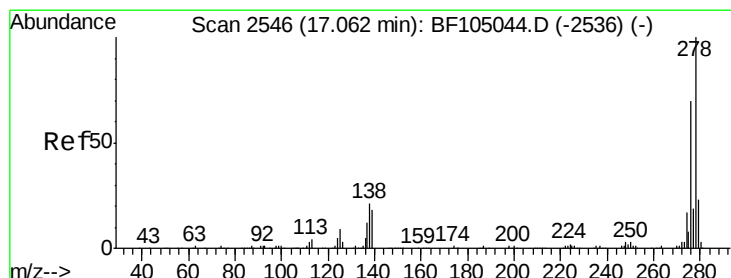
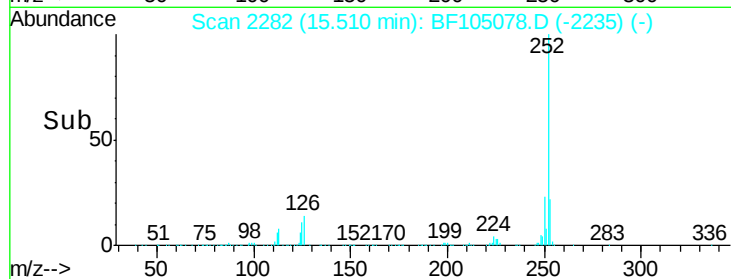
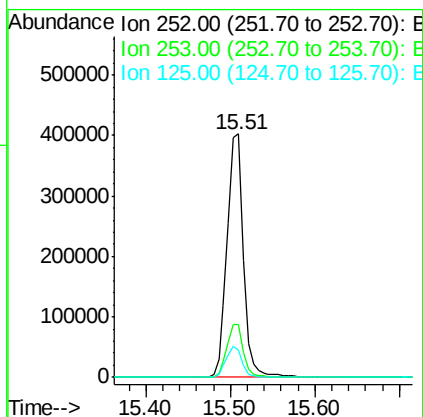
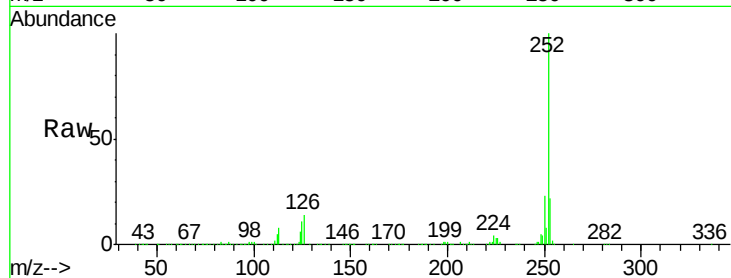




#89
Benzo(a)pyrene
Concen: 41.08 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

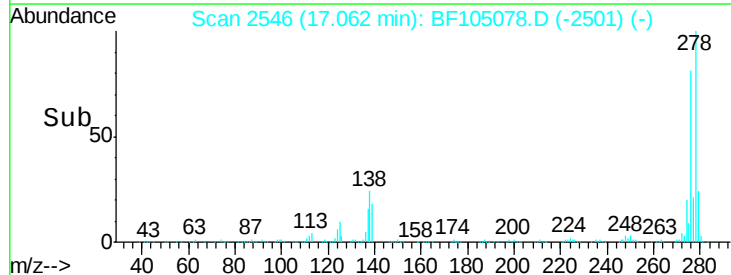
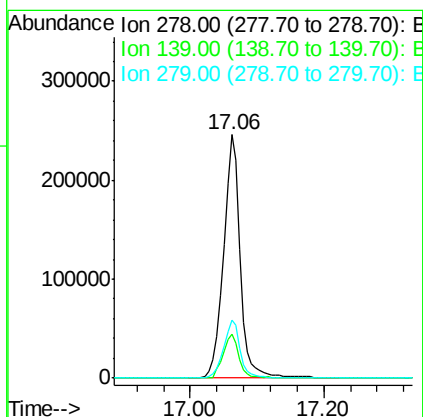
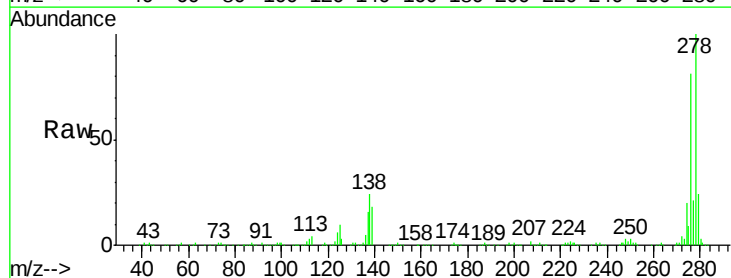
Instrument :
BNA_F
ClientSampleId :

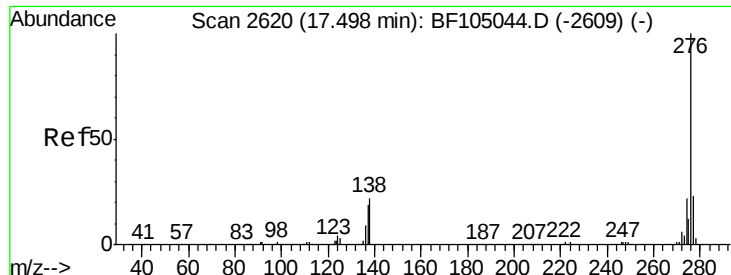
Tot Ion:252 Resp: 540119
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.26 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:278 Resp: 434701
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.44 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.04 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 443940
 Ion Ratio Lower Upper
 276 100
 277 22.5 17.9 26.9
 138 22.9 21.8 32.8

