

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102172.D
 Acq On : 18 Jan 2018 2:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 04:28:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126272	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	508859	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	212461	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323683	20.00	ng	0.00
75) Chrysene-d12	13.87	240	217370	20.00	ng	0.00
86) Perylene-d12	15.29	264	222529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	674032	75.38	ng	0.00
7) Phenol-d6	6.36	99	791037	74.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	722079	83.39	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	158506	85.49	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1271485	93.50	ng	0.00
78) Terphenyl-d14	12.82	244	754929	72.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	157064	35.196	ng	97
3) Pyridine	3.06	79	416329	34.162	ng	91
4) n-Nitrosodimethylamine	3.03	42	170833	33.474	ng	93
6) Aniline	6.39	93	534573	35.554	ng	100
8) 2-Chlorophenol	6.50	128	353892	39.459	ng	99
9) Benzaldehyde	6.27	77	245958	33.202	ng	100
10) Phenol	6.37	94	431349	35.775	ng	88
11) bis(2-Chloroethyl)ether	6.46	93	331772	36.152	ng	97
12) 1,3-Dichlorobenzene	6.66	146	408695	39.531	ng	97
13) 1,4-Dichlorobenzene	6.74	146	417184	40.439	ng	100
14) 1,2-Dichlorobenzene	6.89	146	385785	40.402	ng	99
15) Benzyl Alcohol	6.87	79	296610	38.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	555898	32.860	ng	99
17) 2-Methylphenol	6.98	107	305454	37.755	ng	99
18) Hexachloroethane	7.23	117	131303	36.144	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	243853	34.877	ng	95
20) 3+4-Methylphenols	7.13	107	361630	37.227	ng	# 67
22) Acetophenone	7.13	105	474927	38.736	ng	# 88
24) Nitrobenzene	7.31	77	371796	39.957	ng	99
25) Isophorone	7.55	82	623303	36.429	ng	99
26) 2-Nitrophenol	7.62	139	181806	46.682	ng	97
27) 2,4-Dimethylphenol	7.66	122	277838	38.199	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	387614	37.519	ng	98
29) 2,4-Dichlorophenol	7.86	162	279981	40.539	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	303415	42.001	ng	98
31) Naphthalene	8.03	128	1011947	39.798	ng	100
32) Benzoic acid	7.80	122	43240	7.840	ng	93
33) 4-Chloroaniline	8.08	127	430143	39.635	ng	97
34) Hexachlorobutadiene	8.14	225	167609	43.833	ng	98
35) Caprolactam	8.46	113	90745	38.274	ng	91
36) 4-Chloro-3-methylphenol	8.56	107	296758	39.254	ng	95
37) 2-Methylnaphthalene	8.72	142	665408	39.751	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	276463	45.995	ng	99
40) Hexachlorocyclopentadiene	8.87	237	39064	11.884	ng	98

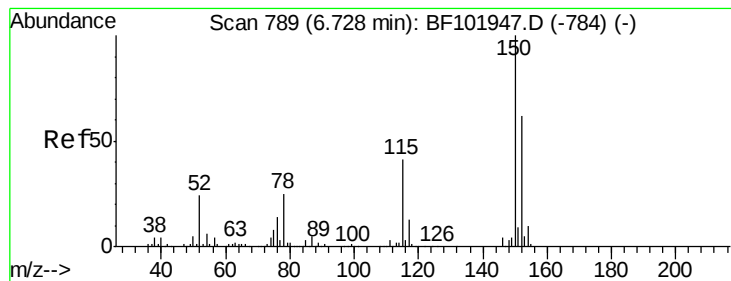
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102172.D
 Acq On : 18 Jan 2018 2:08
 Operator : SJ/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181382	43.791	ng	100
43) 2,4,5-Trichlorophenol	9.03	196	204331	43.647	ng	97
45) 1,1'-Biphenyl	9.18	154	803098	42.765	ng	99
46) 2-Chloronaphthalene	9.20	162	621921	42.707	ng	98
47) 2-Nitroaniline	9.30	65	192243	44.070	ng	96
48) Acenaphthylene	9.62	152	954449	41.299	ng	99
49) Dimethylphthalate	9.49	163	739088	43.364	ng	100
50) 2,6-Dinitrotoluene	9.55	165	154170	45.284	ng	95
51) Acenaphthene	9.79	154	546350	38.949	ng	99
52) 3-Nitroaniline	9.72	138	179339	41.739	ng	97
53) 2,4-Dinitrophenol	9.82	184	12279	17.074	ng	# 25
54) Dibenzofuran	9.96	168	784266	40.738	ng	99
55) 4-Nitrophenol	9.87	139	108501	33.885	ng	94
56) 2,4-Dinitrotoluene	9.95	165	193169	45.269	ng	# 90
57) Fluorene	10.30	166	589229	44.275	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	133363	40.014	ng	98
59) Diethylphthalate	10.18	149	720477	42.496	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	264882	46.742	ng	99
61) 4-Nitroaniline	10.33	138	169216	41.498	ng	93
62) Azobenzene	10.46	77	616819	36.568	ng	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	32053	21.745	ng	96
65) n-Nitrosodiphenylamine	10.42	169	554373	45.738	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	156875	45.893	ng	95
67) Hexachlorobenzene	10.85	284	164620	44.114	ng	99
68) Atrazine	10.95	200	160497	45.820	ng	98
69) Pentachlorophenol	11.04	266	80997	35.595	ng	97
70) Phenanthrene	11.26	178	757560	40.067	ng	99
71) Anthracene	11.32	178	765736	39.933	ng	99
72) Carbazole	11.47	167	712448	37.800	ng	98
73) Di-n-butylphthalate	11.80	149	991755	42.889	ng	99
74) Fluoranthene	12.44	202	637290	34.259	ng	98
76) Benzidine	12.57	184	289700	27.600	ng	99
77) Pyrene	12.67	202	639437	33.279	ng	100
79) Butylbenzylphthalate	13.30	149	315985	35.835	ng	95
80) Benzo(a)anthracene	13.86	228	532765	38.415	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	204362	39.797	ng	98
82) Chrysene	13.90	228	545390	37.714	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	407729	40.307	ng	# 99
84) Di-n-octyl phthalate	14.46	149	692330	41.245	ng	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	488704	46.430	ng	100
87) Benzo(b)fluoranthene	14.88	252	595841	41.065	ng	98
88) Benzo(k)fluoranthene	14.91	252	520093	37.157	ng	99
89) Benzo(a)pyrene	15.23	252	526047	40.290	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	407468	39.106	ng	97
91) Benzo(g,h,i)perylene	17.07	276	371798	35.423	ng	99

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

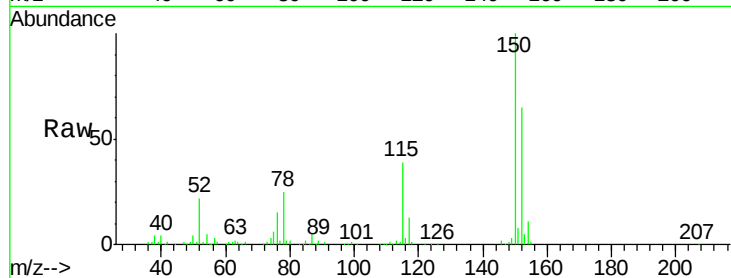


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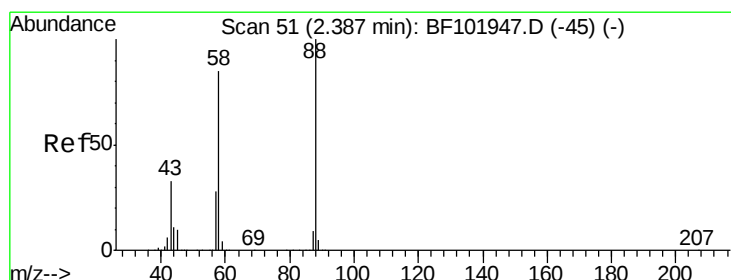
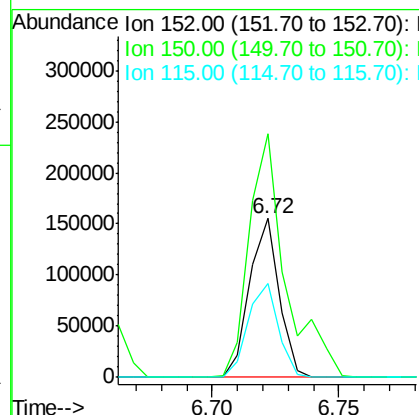
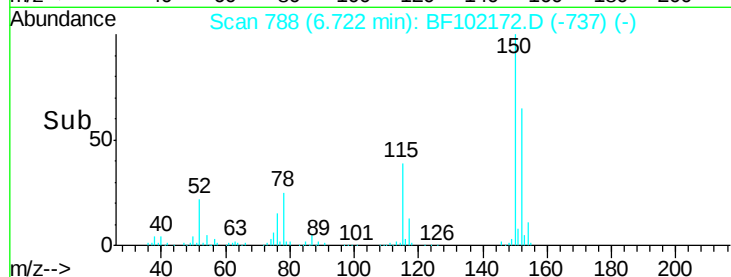
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	59.5	50.1	75.1



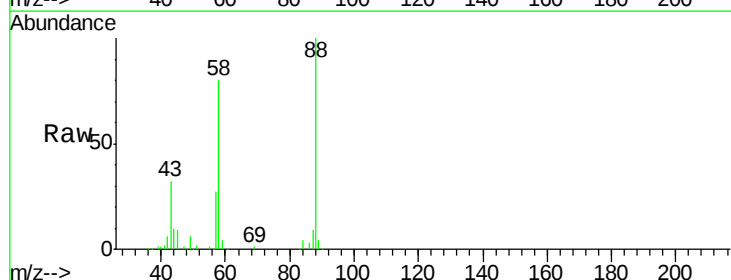
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



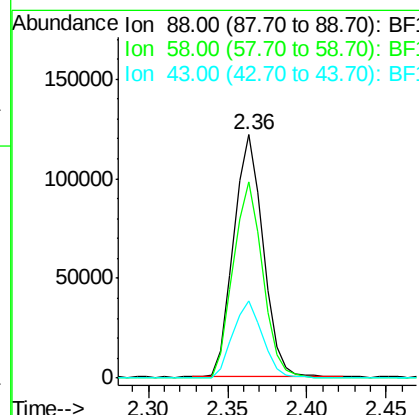
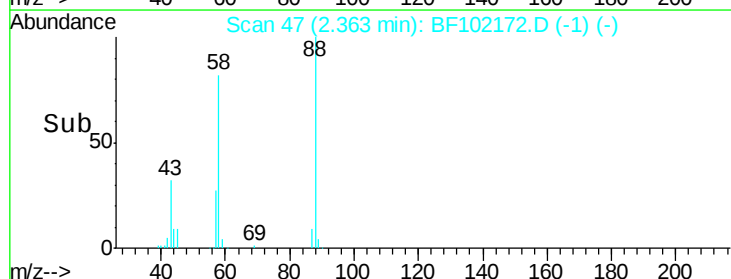
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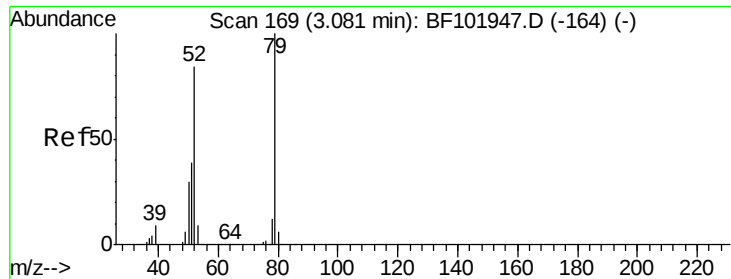
1,4-Dioxane
Concen: 35.196 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.02 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	62.6	93.8
43	32.4	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

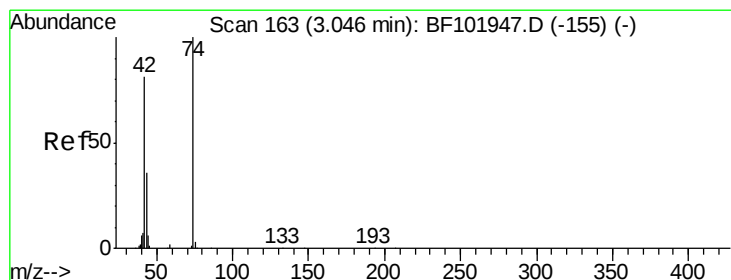
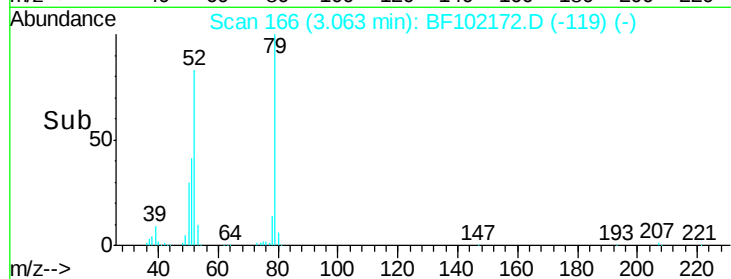
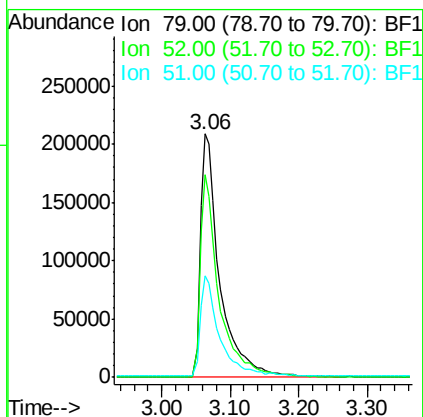
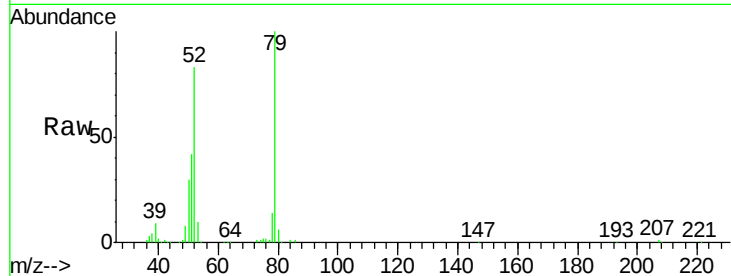




#3
 Pvridine
 Concen: 34.162 ng
 RT: 3.06 min Scan# 166
 Delta R.T. -0.02 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

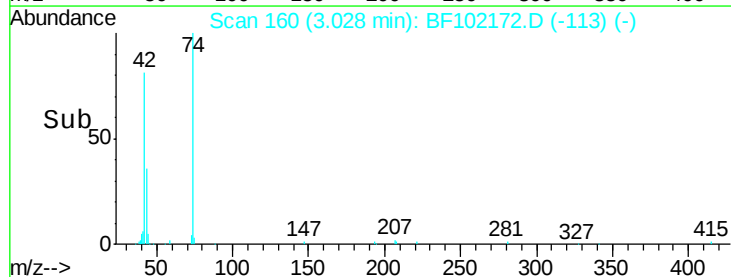
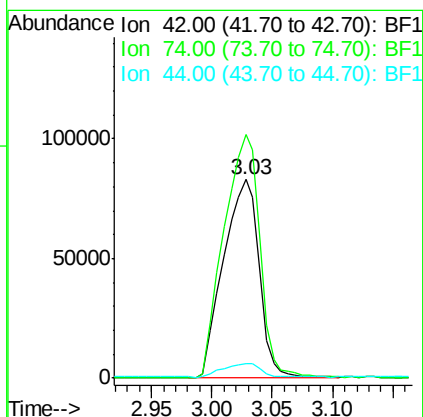
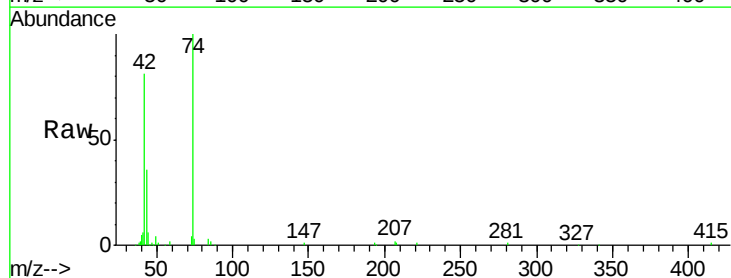
Instrument :
 BNA_F
 ClientSampleId :

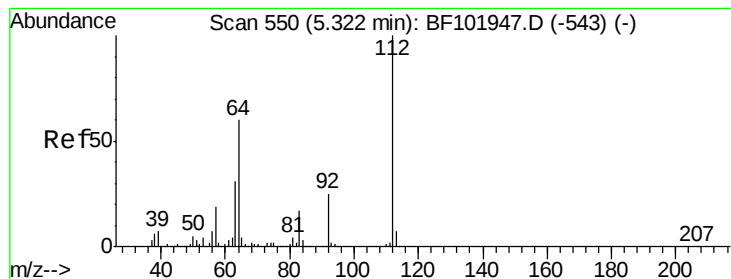
Tot Ion: 79 Resp: 416329
 Ion Ratio Lower Upper
 79 100
 52 83.1 59.8 89.6
 51 41.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.474 ng
 RT: 3.03 min Scan# 160
 Delta R.T. -0.02 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion: 42 Resp: 170833
 Ion Ratio Lower Upper
 42 100
 74 122.8 104.9 157.3
 44 7.3 6.9 10.3

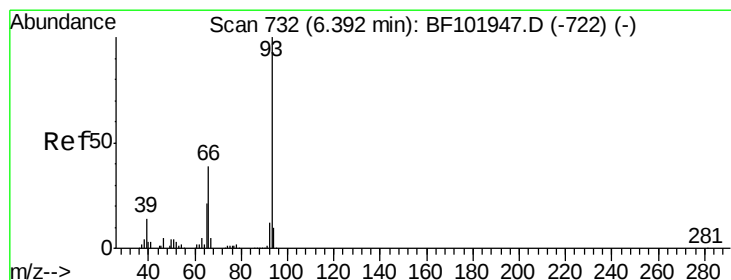
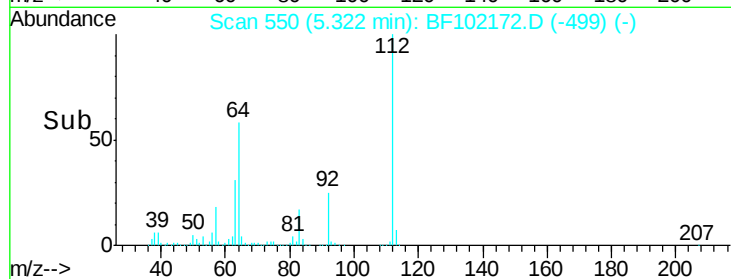
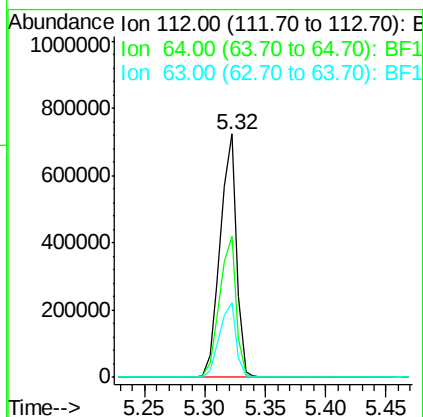
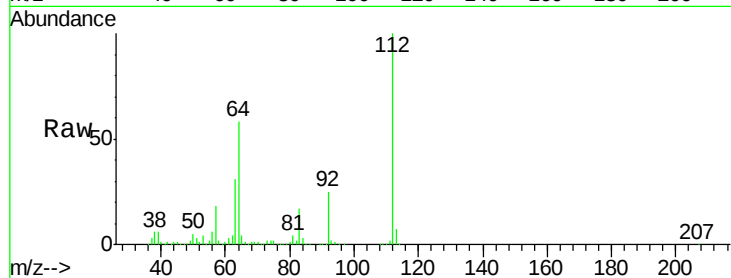




#5
 2-Fluorophenol
 Concen: 75.376 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

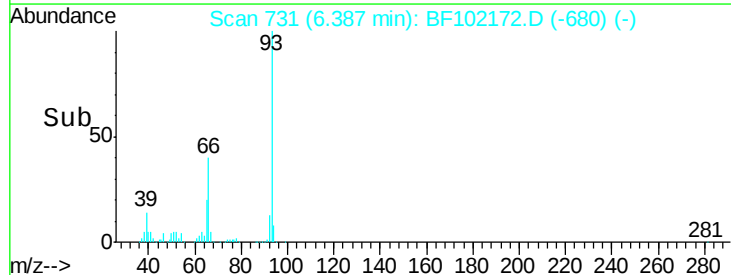
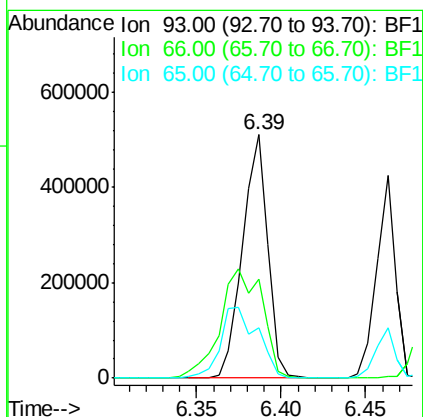
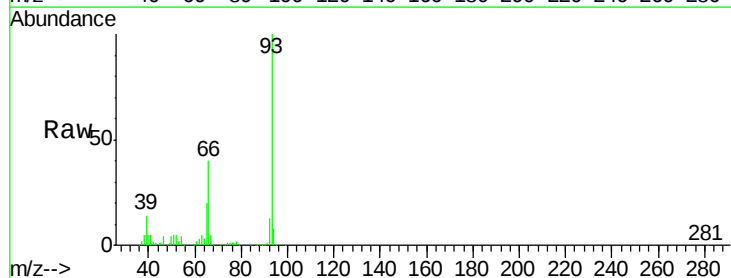
Instrument :
 BNA_F
 ClientSampleId :

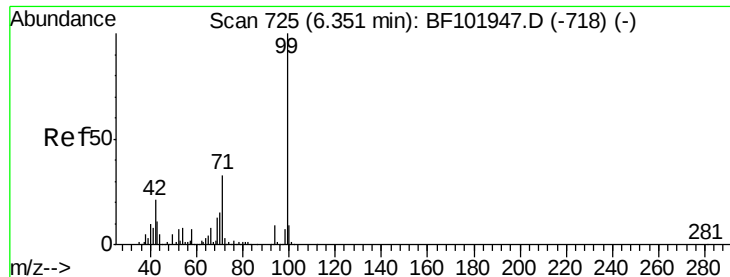
Tot Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.8	23.7	35.5



#6
 Aniline
 Concen: 35.554 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.2	48.2
65	20.4	16.4	24.6





#7

Phenol-d6

Concen: 74.143 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

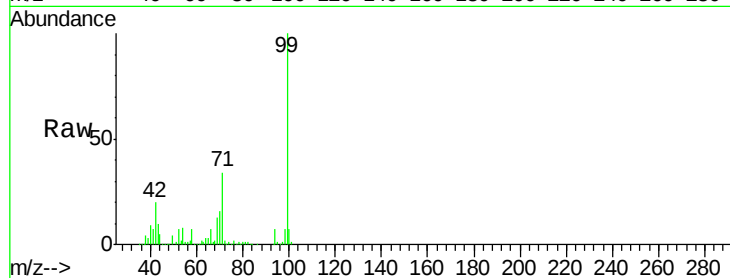
Tot Ion: 99 Resp: 791037

Ion Ratio Lower Upper

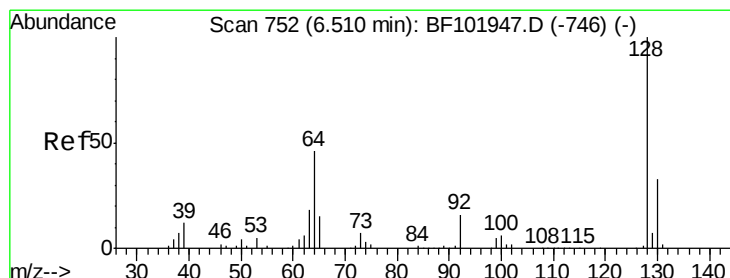
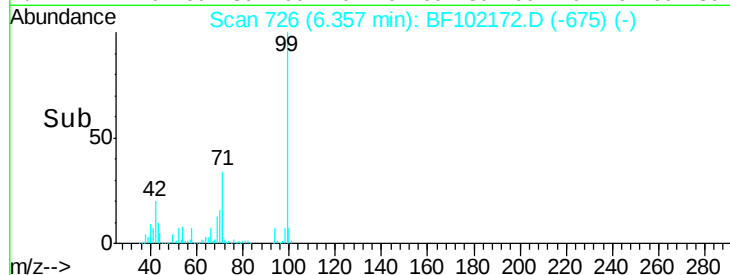
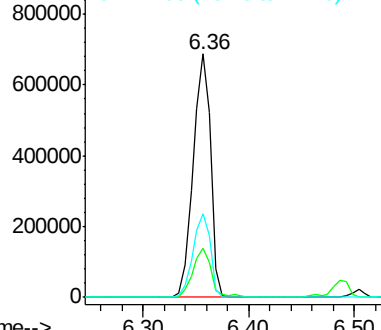
99 100

42 20.4 14.5 21.7

71 34.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.459 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

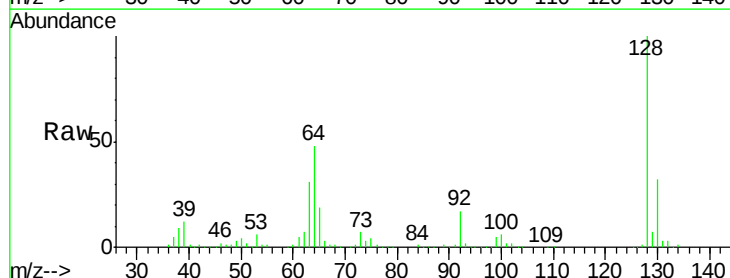
Tgt Ion: 128 Resp: 353892

Ion Ratio Lower Upper

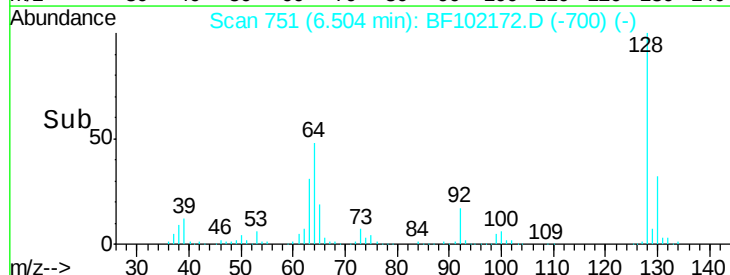
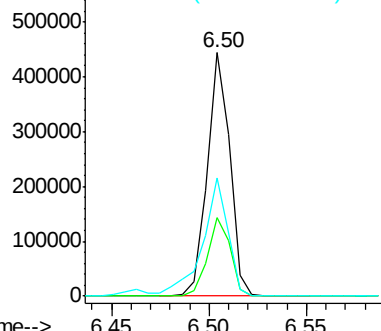
128 100

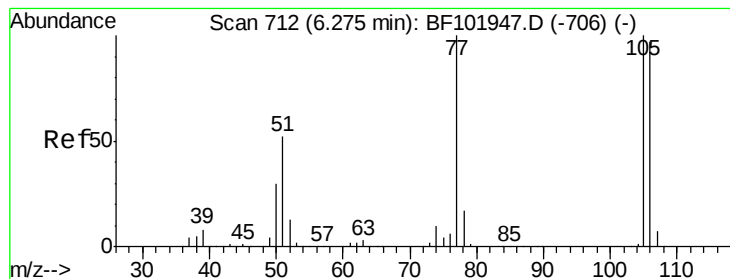
130 32.1 13.0 53.0

64 48.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.202 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

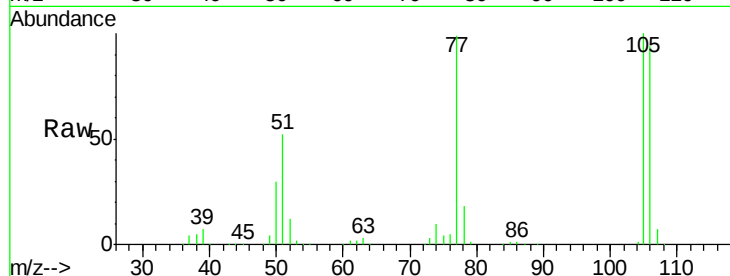
Tot Ion: 77 Resp: 245958

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

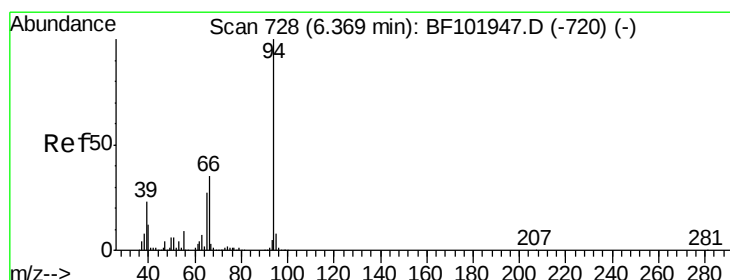
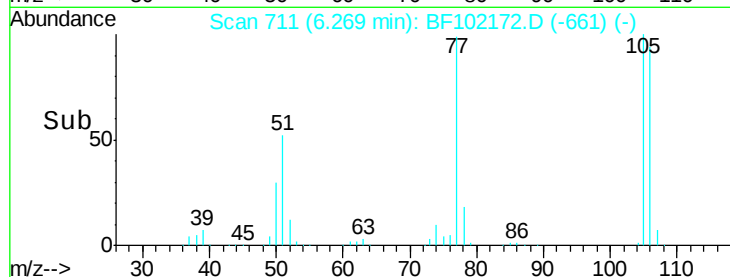
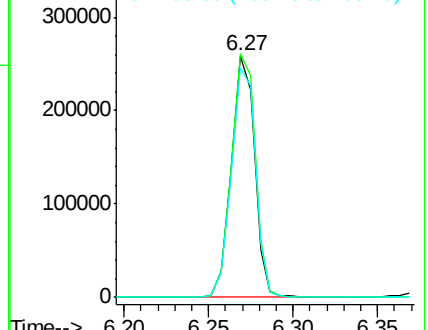
106 95.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.775 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

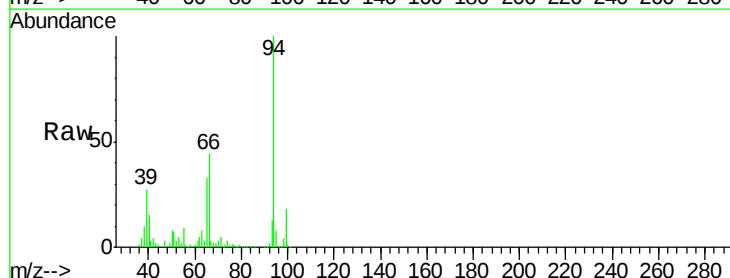
Tgt Ion: 94 Resp: 431349

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

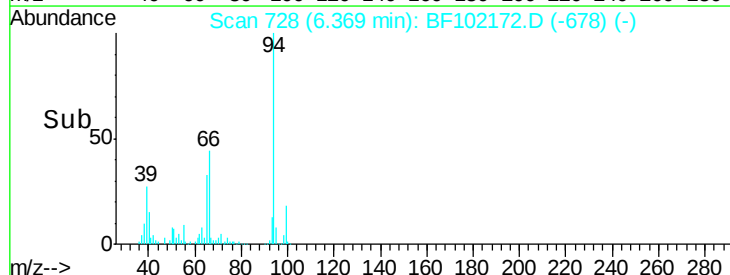
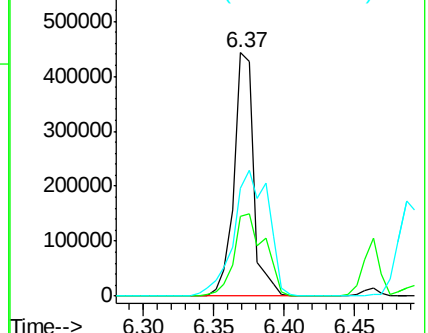
66 44.4 16.2 56.2

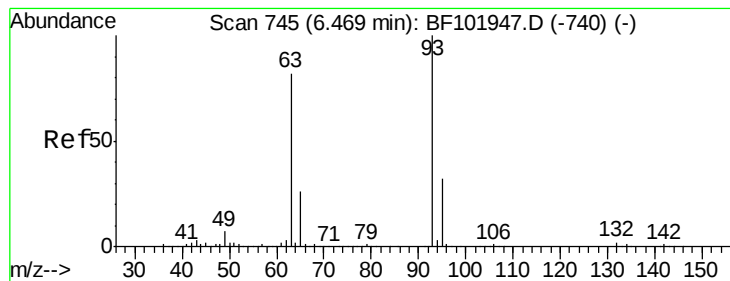


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.152 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

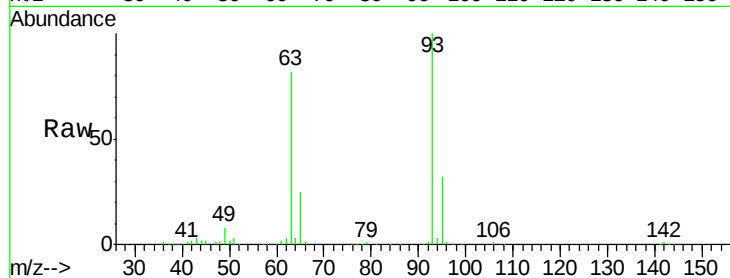
Tot Ion: 93 Resp: 331772

Ion Ratio Lower Upper

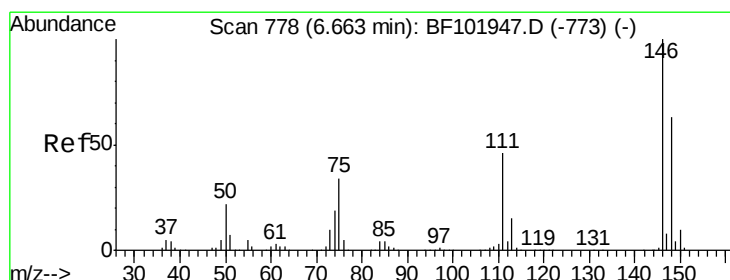
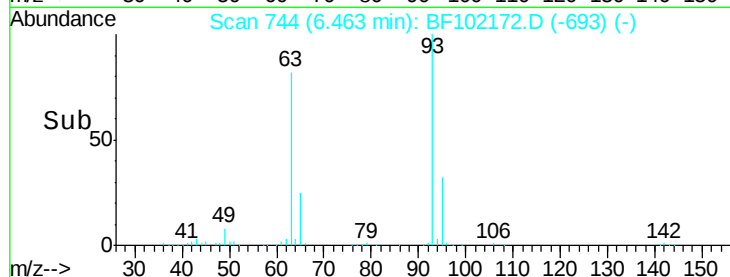
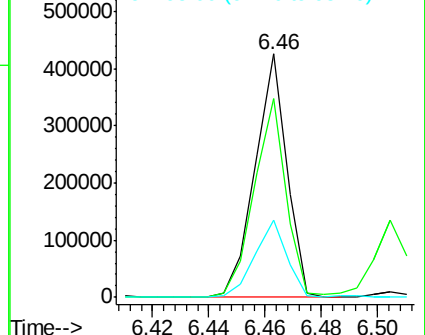
93 100

63 81.8 58.6 98.6

95 31.8 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 39.531 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

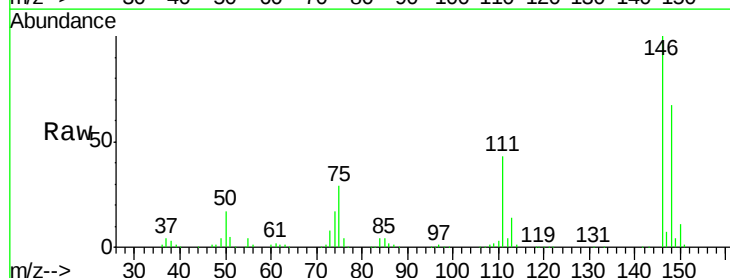
Tgt Ion: 146 Resp: 408695

Ion Ratio Lower Upper

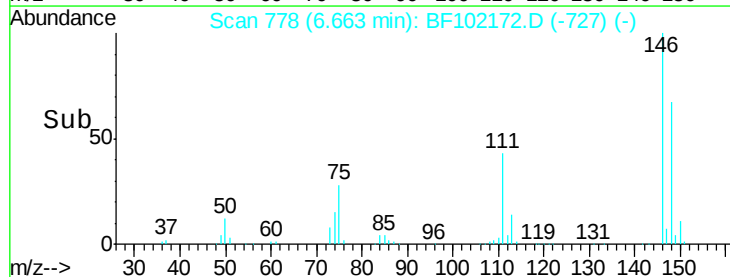
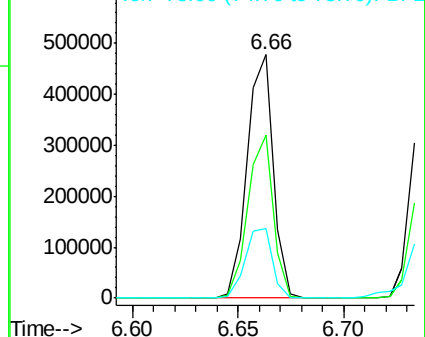
146 100

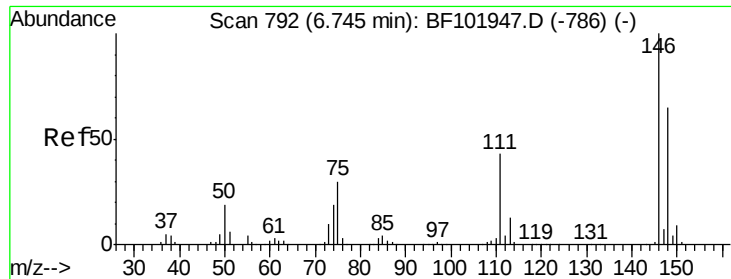
148 66.8 51.8 77.8

75 28.6 24.2 36.4



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

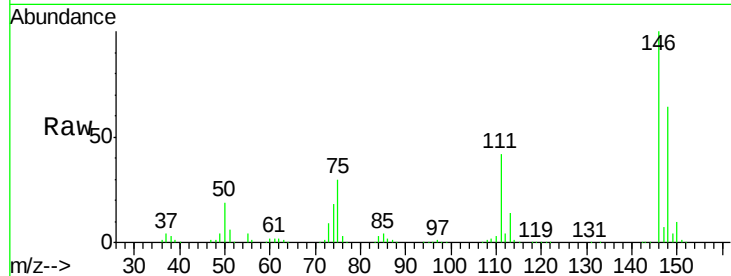




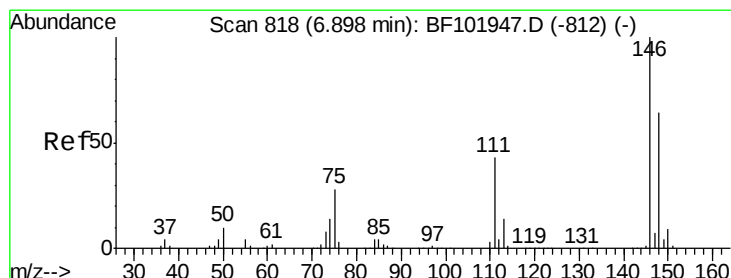
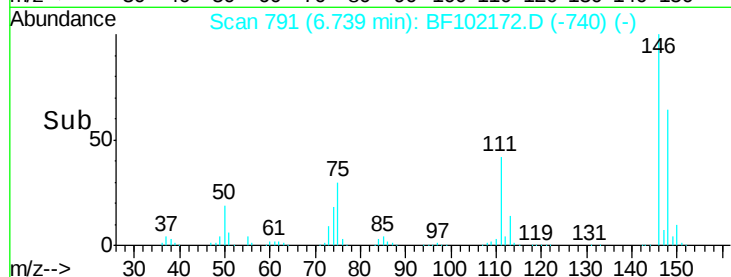
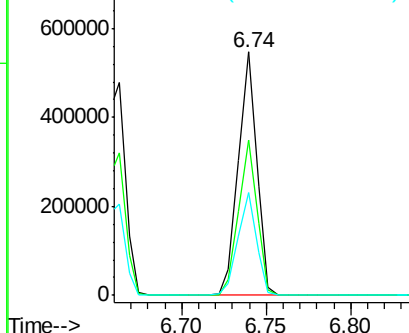
#13
 1,4-Dichlorobenzene
 Concen: 40.439 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 417184
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.3 34.2 51.2

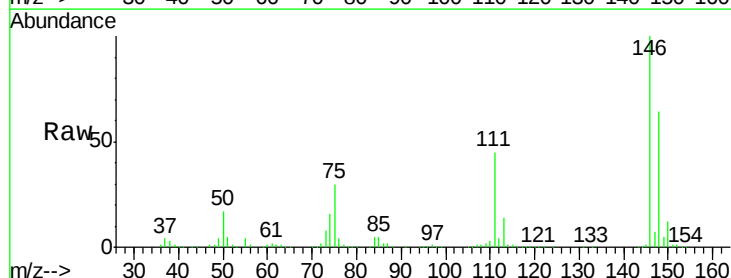


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

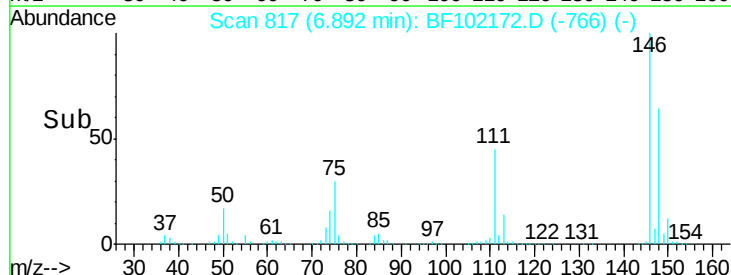
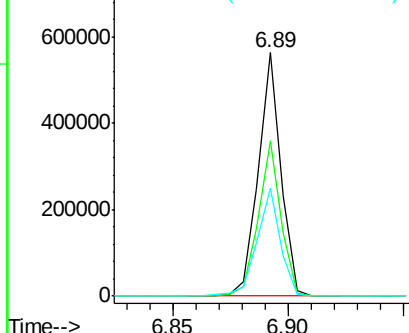


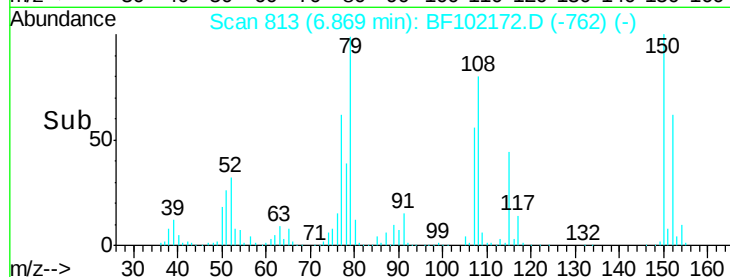
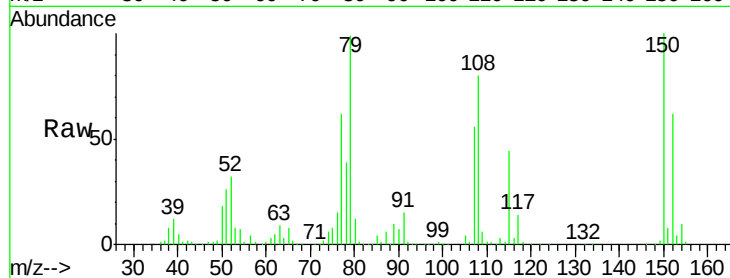
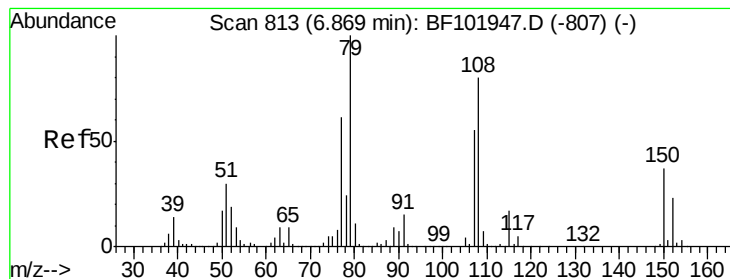
#14
 1,2-Dichlorobenzene
 Concen: 40.402 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:146 Resp: 385785
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.5 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.006 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

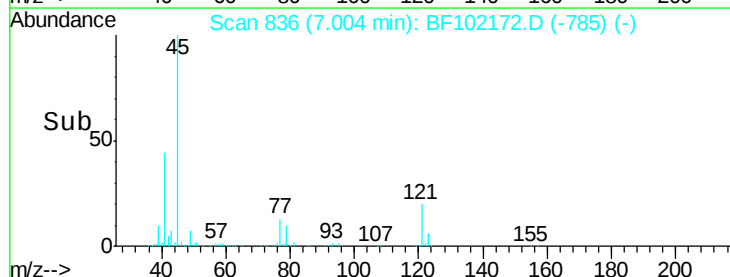
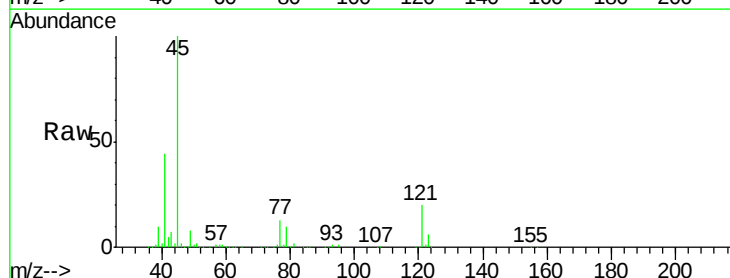
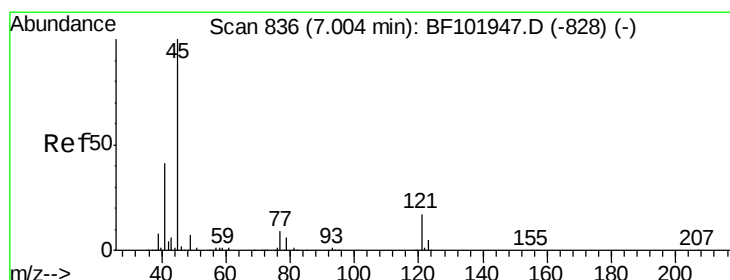
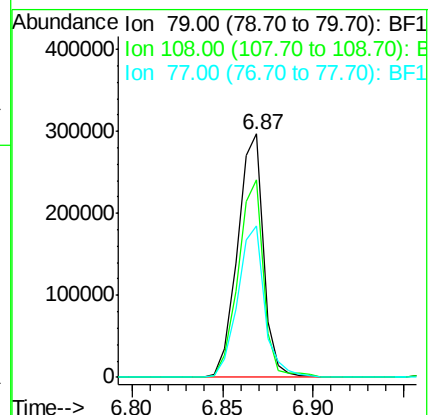
Tot Ion: 79 Resp: 296610

Ion Ratio Lower Upper

79 100

108 81.2 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.860 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

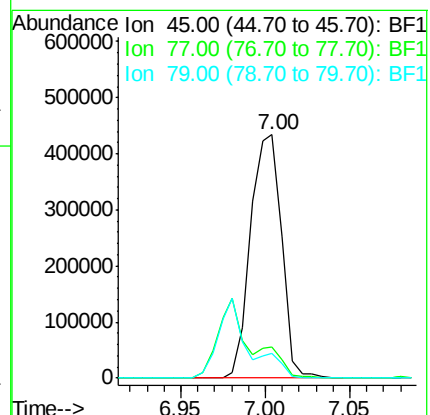
Tgt Ion: 45 Resp: 555898

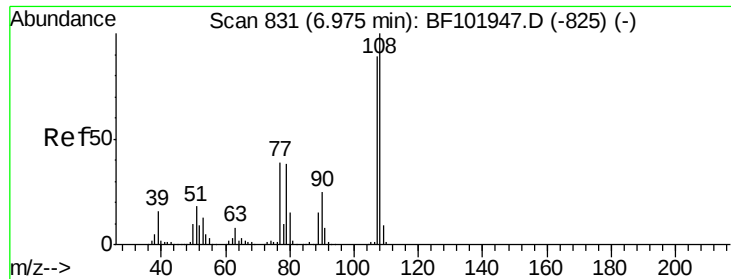
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 10.1 0.0 29.6

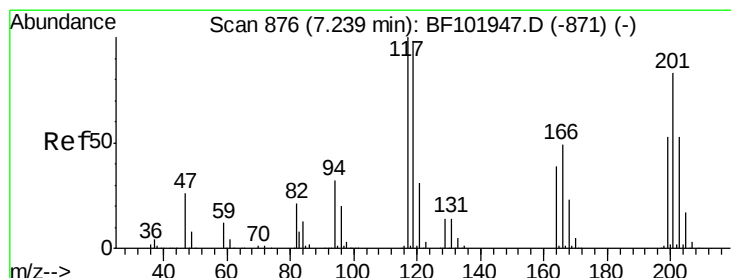
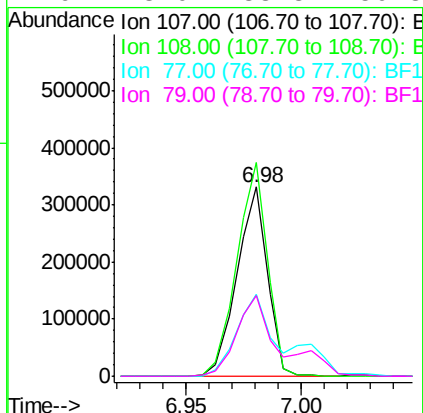
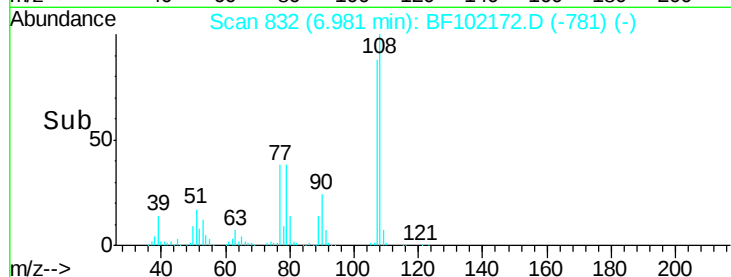
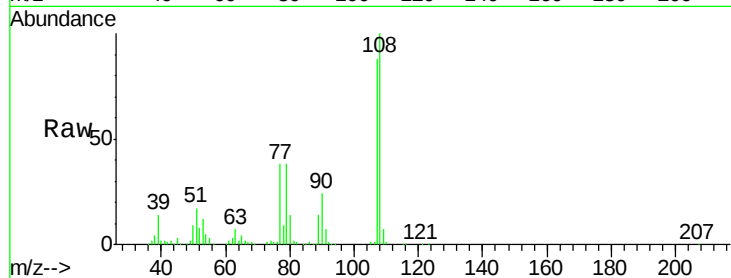




#17
2-Methylphenol
Concen: 37.755 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

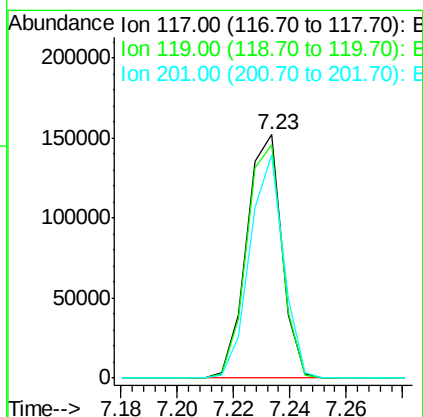
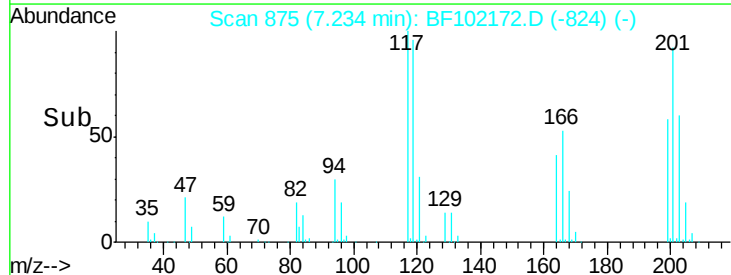
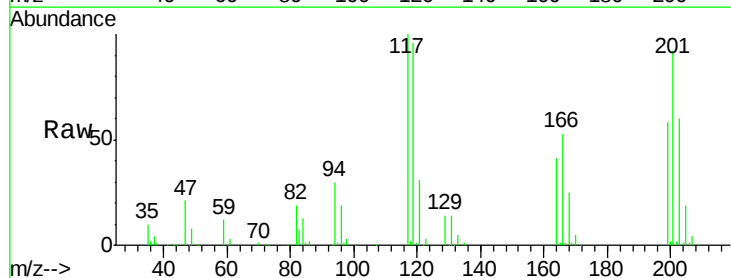
Instrument :
BNA_F
ClientSampleId :

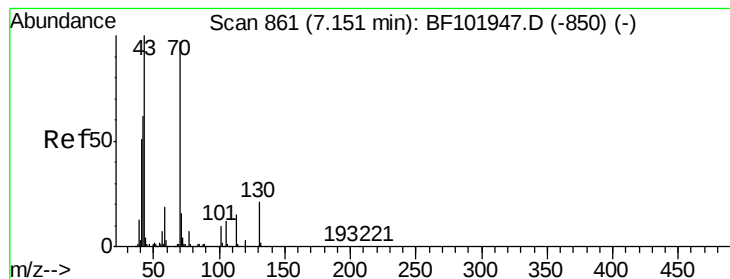
Tot Ion:107 Resp: 305454
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 43.3 33.8 50.8
79 43.0 33.8 50.8



#18
Hexachloroethane
Concen: 36.144 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:117 Resp: 131303
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 91.5 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.877 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 243853

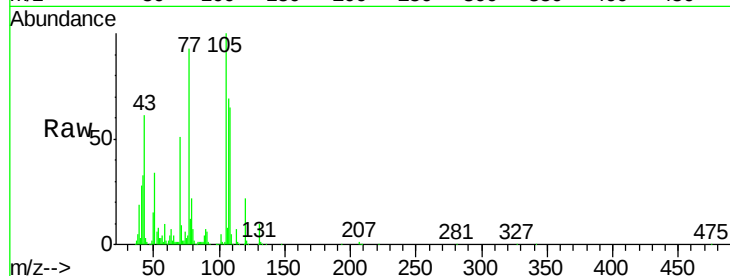
Ion Ratio Lower Upper

70 100

42 64.3 47.5 71.3

101 10.1 7.4 11.2

130 20.0 16.6 25.0

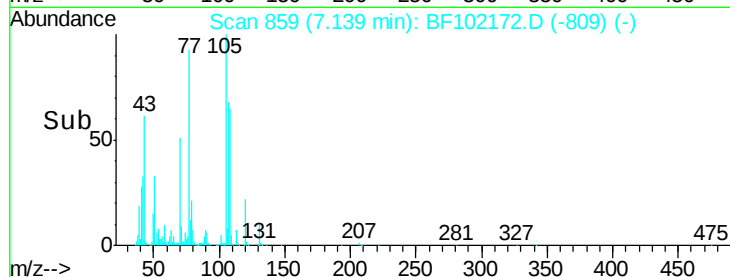


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



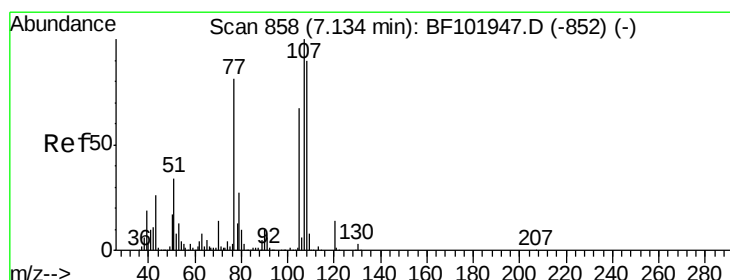
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 37.227 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Tgt Ion: 107 Resp: 361630

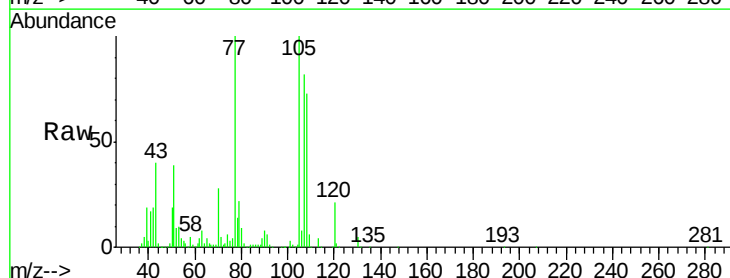
Ion Ratio Lower Upper

107 100

108 89.1 68.2 108.2

77 121.5 26.7 66.7#

79 27.3 6.3 46.3

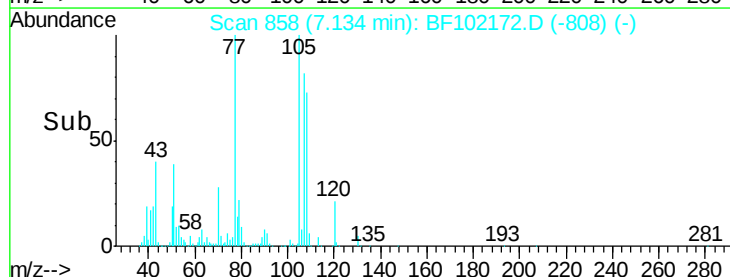


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



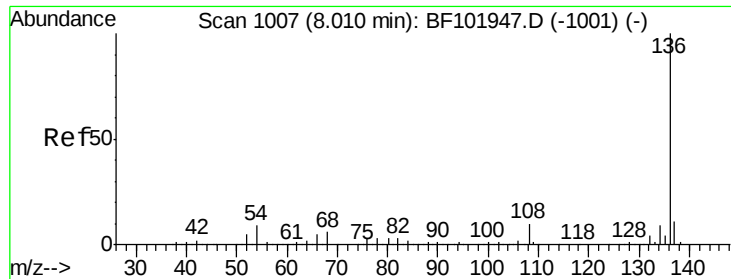
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

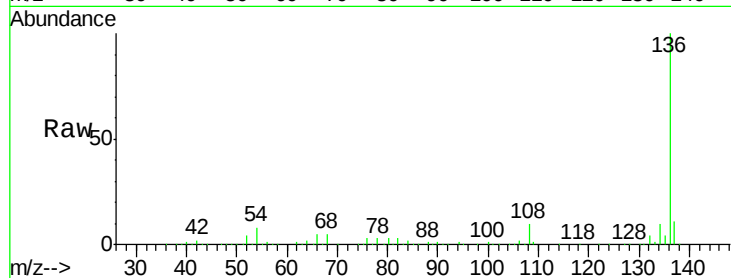
Time-->



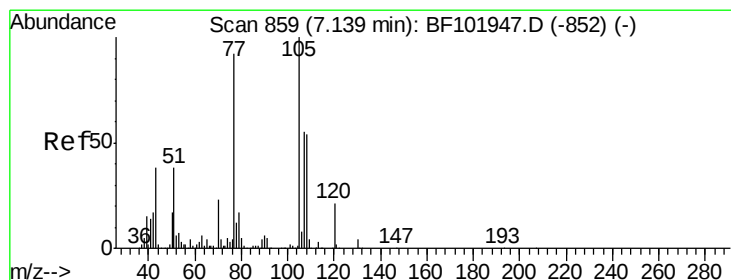
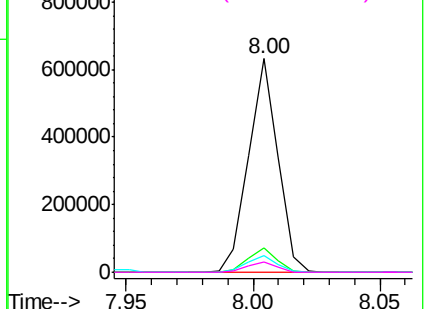
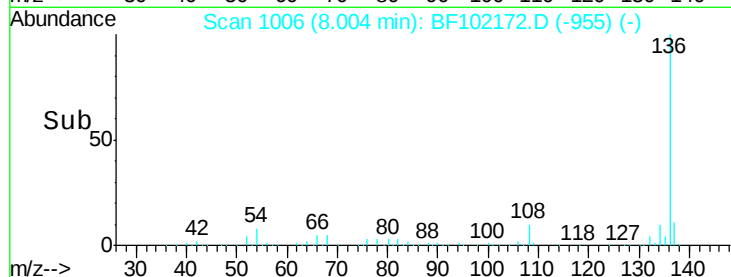
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	508859
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.8	6.6 9.8
68	5.1	5.0 7.4

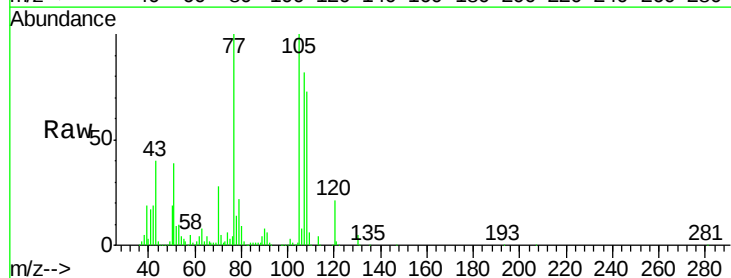


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

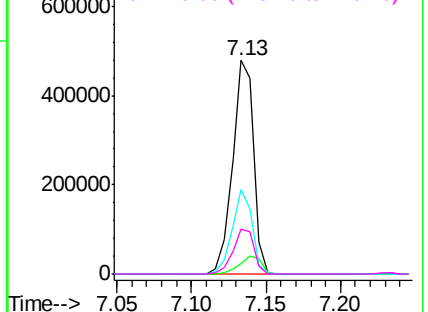
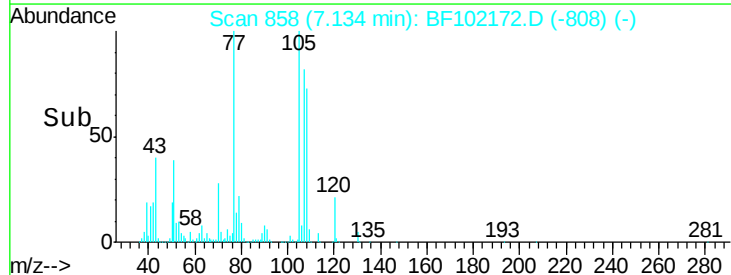


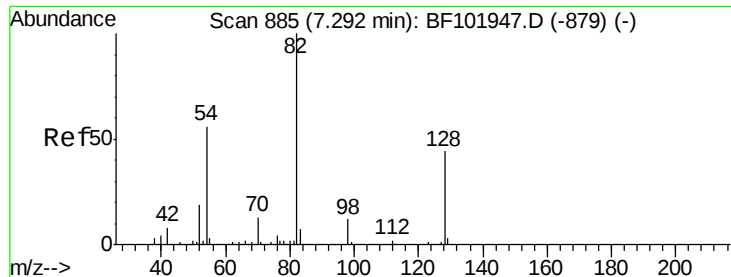
#22
Acetophenone
Concen: 38.736 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:105	Resp:	474927
Ion Ratio	Lower	Upper
105	100	
71	4.6	4.4 6.6
51	39.5	22.3 33.5#
120	20.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

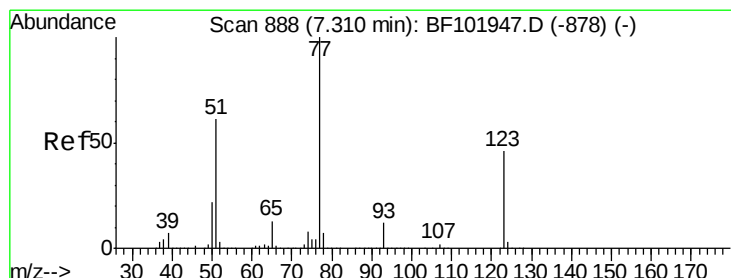
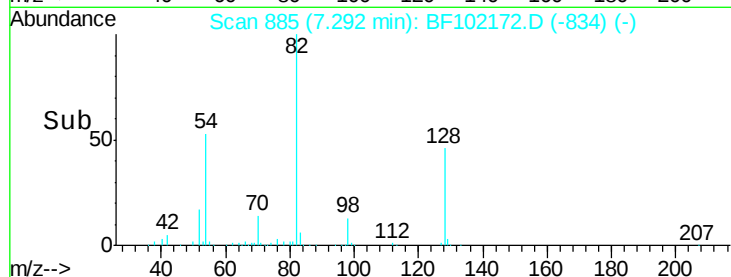
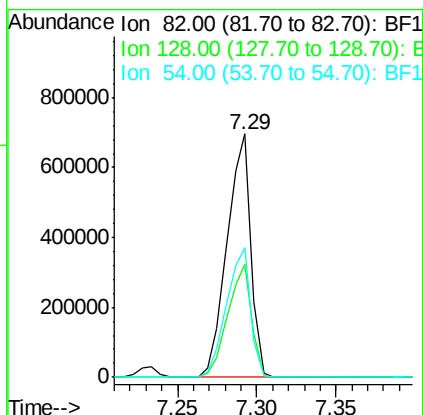
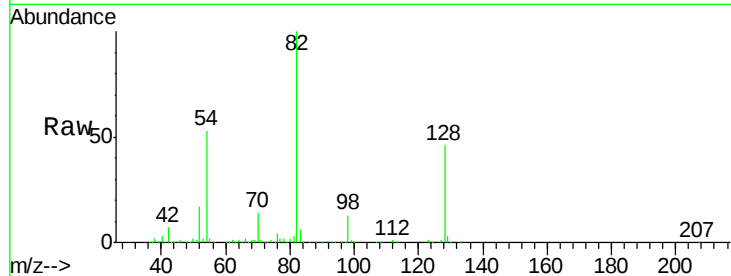




#23
Nitrobenzene-d5
Concen: 83.387 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

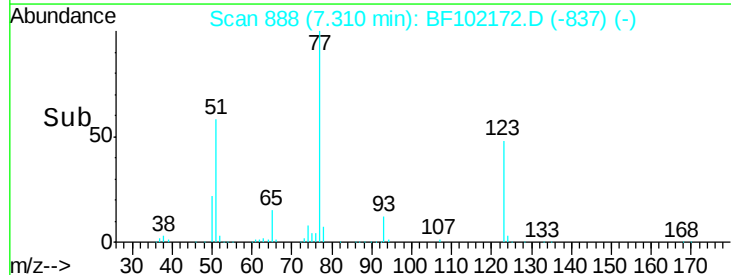
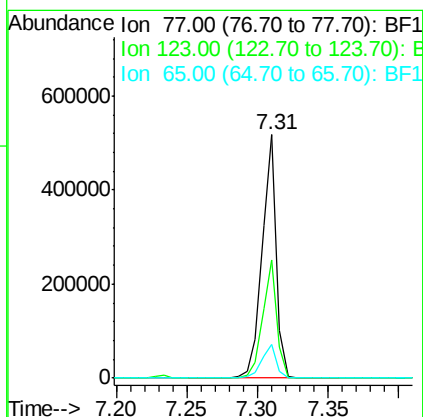
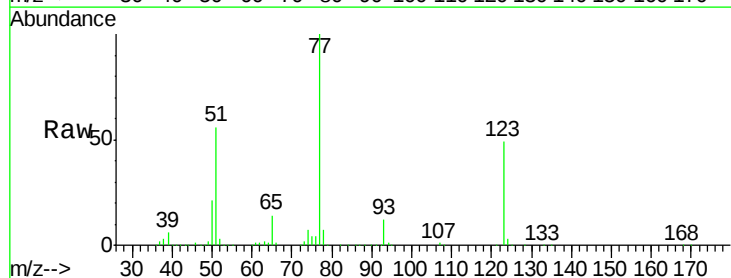
Instrument :
BNA_F
ClientSampleId :

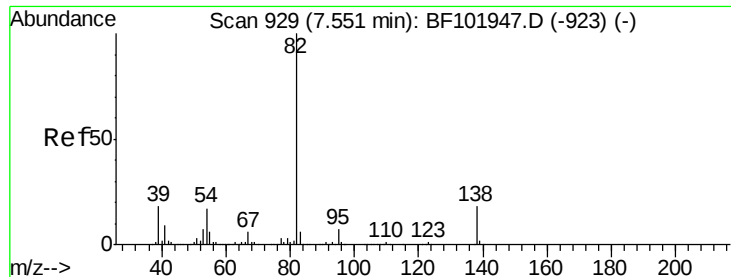
Tot Ion	82	Resp	722079
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	53.1	41.4	62.2



#24
Nitrobenzene
Concen: 39.957 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	77	Resp	371796
Ion Ratio	Lower	Upper	
77	100		
123	48.6	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 36.429 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

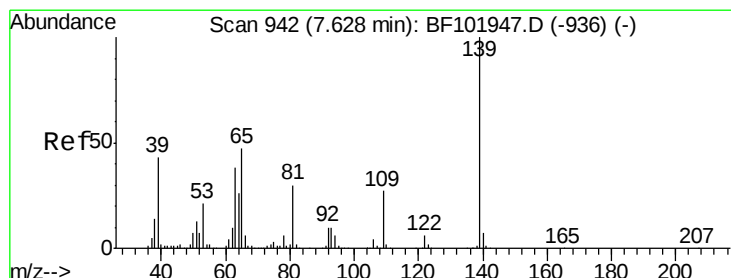
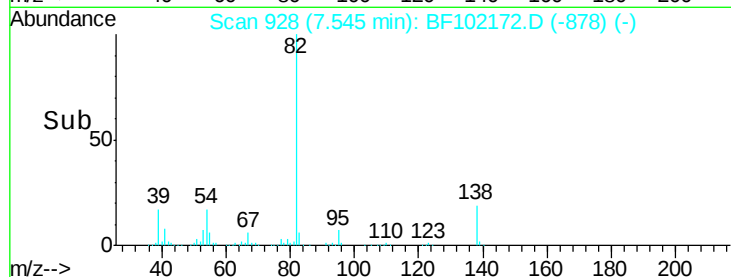
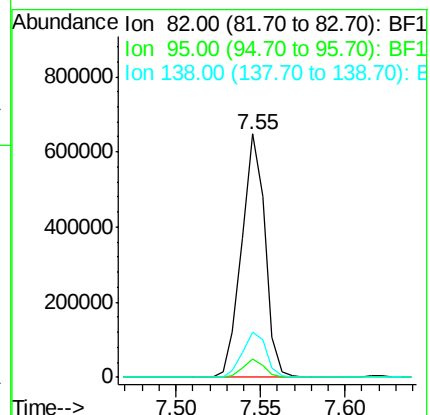
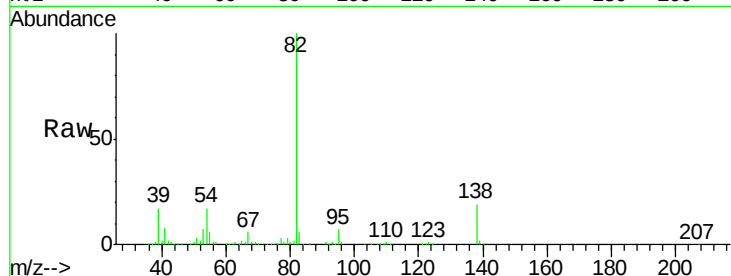
Tot Ion: 82 Resp: 623303

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 46.682 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

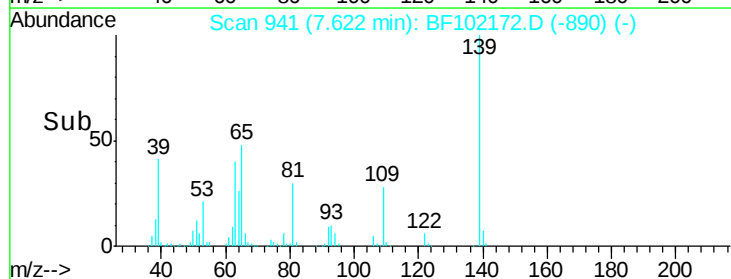
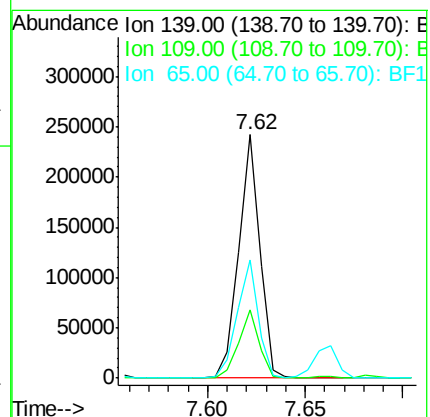
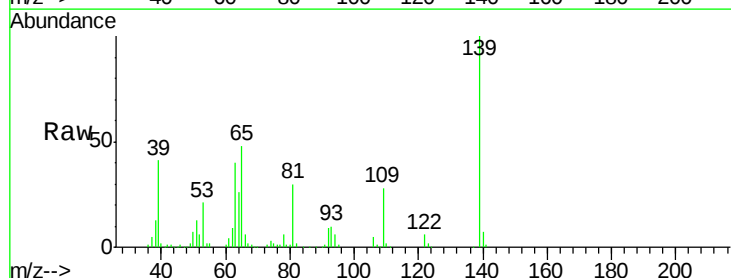
Tgt Ion: 139 Resp: 181806

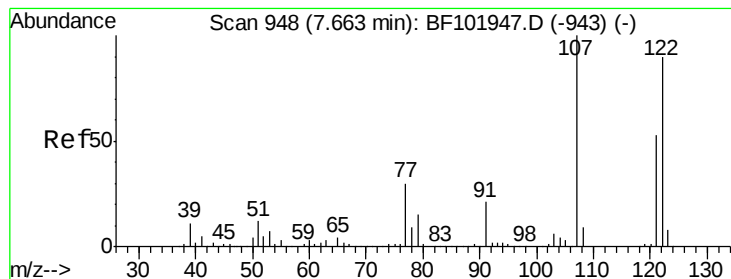
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 48.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.199 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampled :

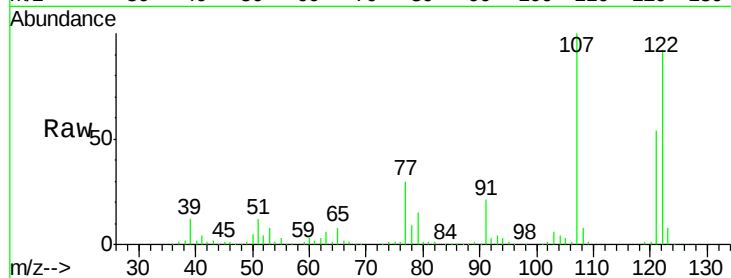
Tot Ion:122 Resp: 277838

Ion Ratio Lower Upper

122 100

107 109.2 91.2 136.8

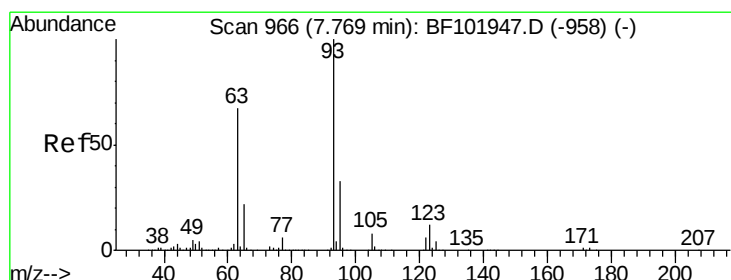
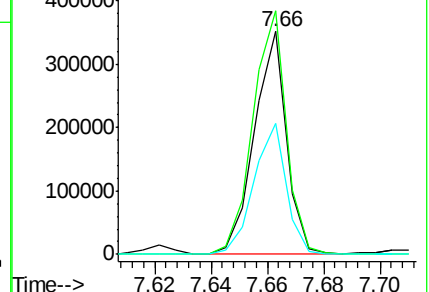
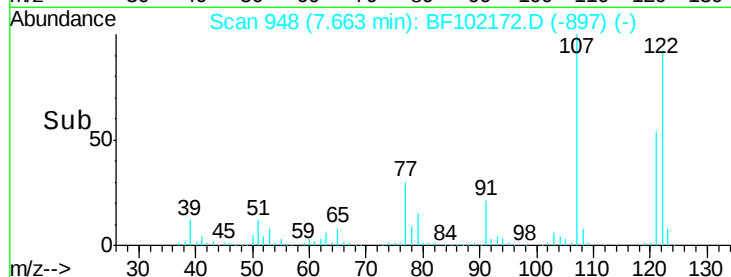
121 58.8 47.2 70.8



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: 37.519 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

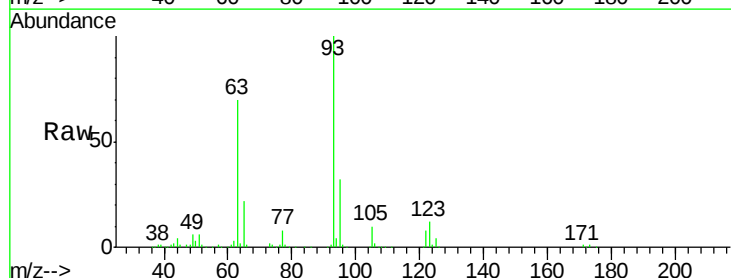
Tgt Ion: 93 Resp: 387614

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

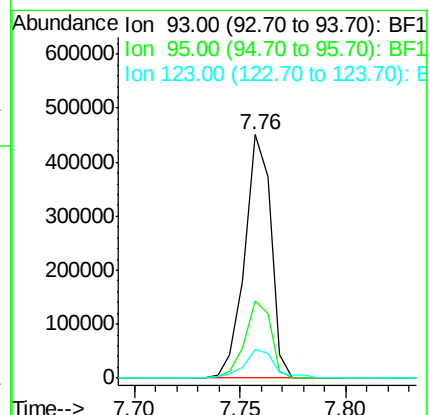
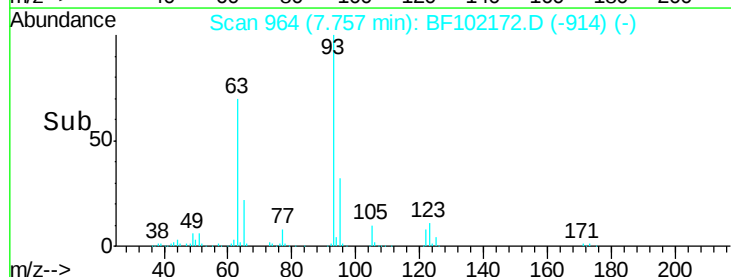
123 11.5 9.8 14.6

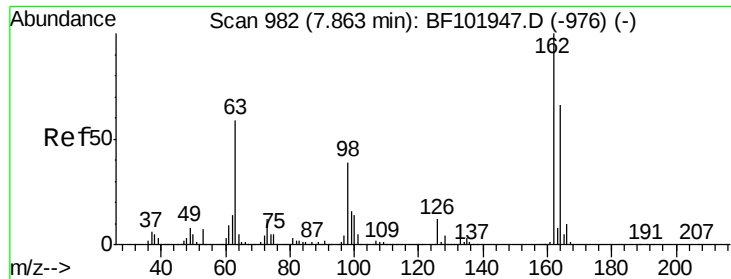


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

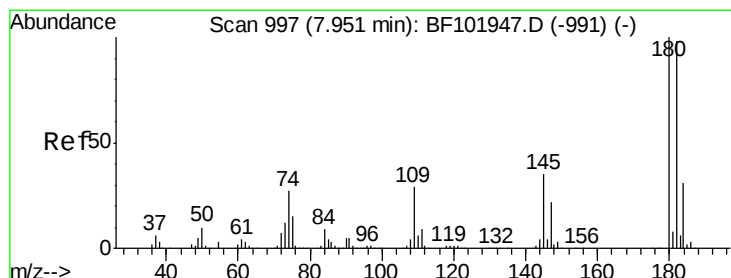
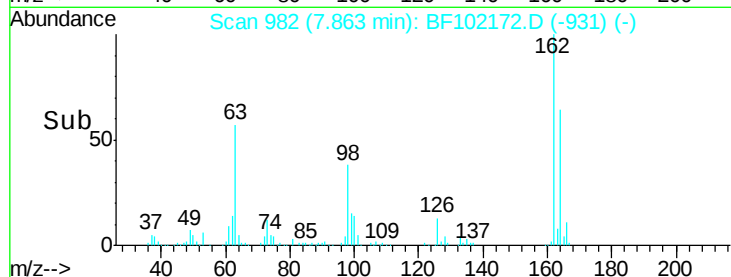
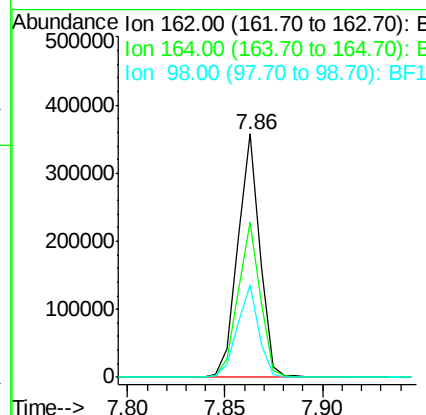
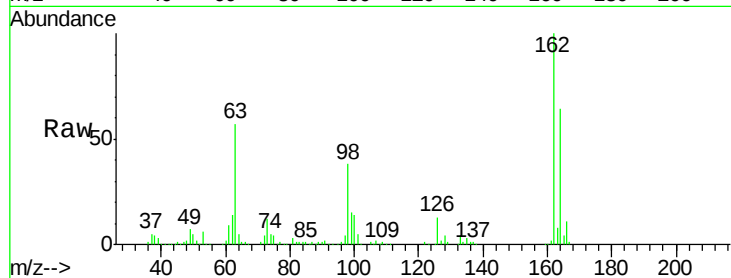




#29
2,4-Dichlorophenol
Concen: 40.539 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

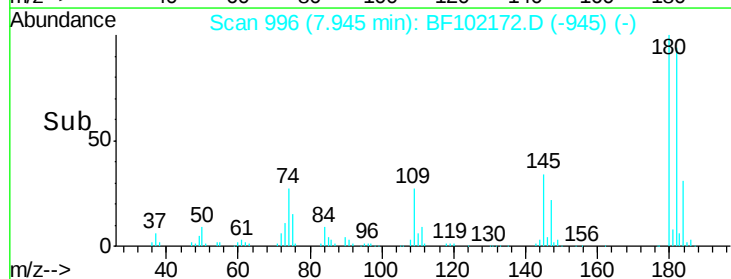
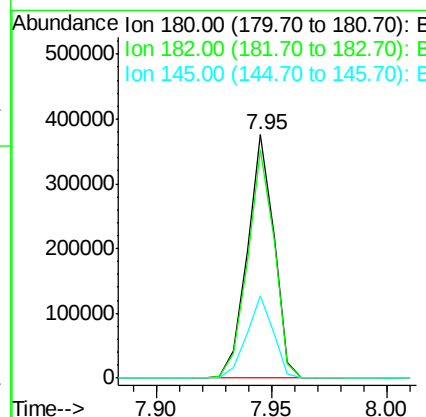
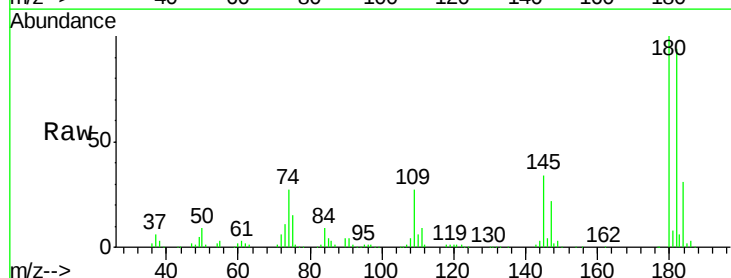
Instrument :
BNA_F
ClientSampled :

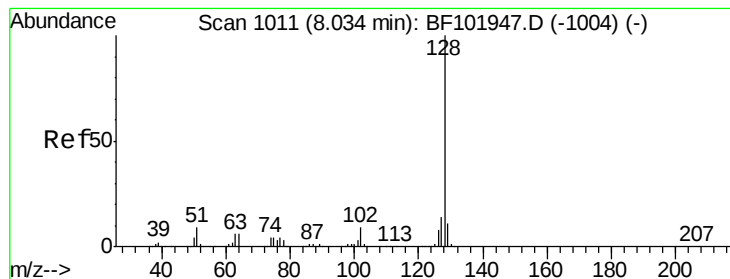
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	37.8	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	33.9	26.5	39.7





#31

Naphthalene

Concen: 39.798 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

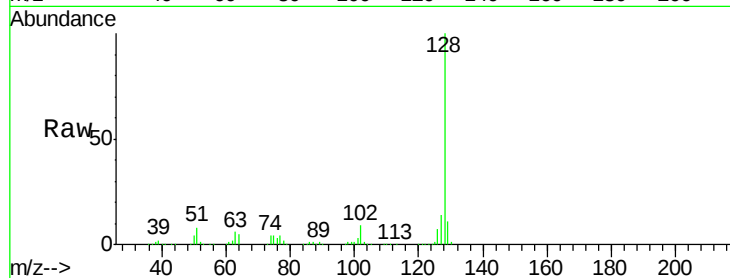
Tot Ion:128 Resp: 1011947

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

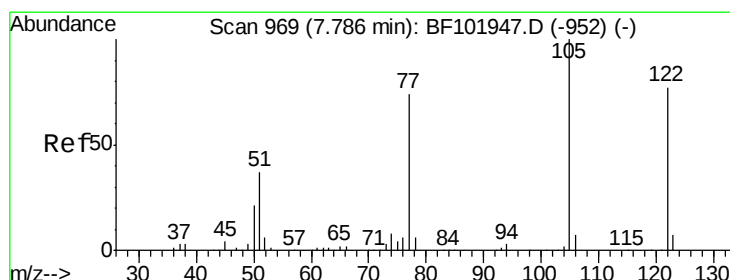
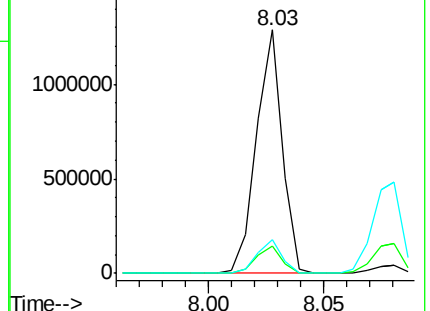
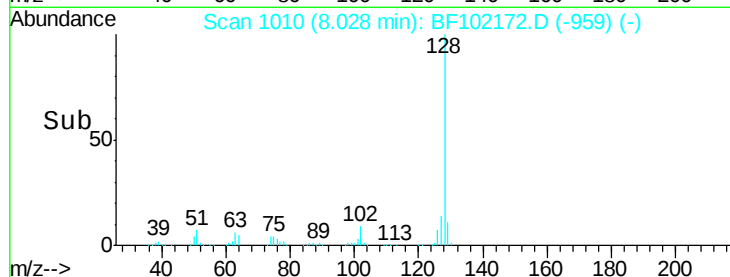
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.840 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

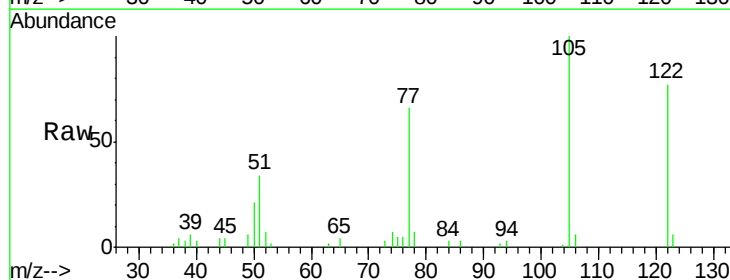
Tgt Ion:122 Resp: 43240

Ion Ratio Lower Upper

122 100

105 130.1 101.1 141.1

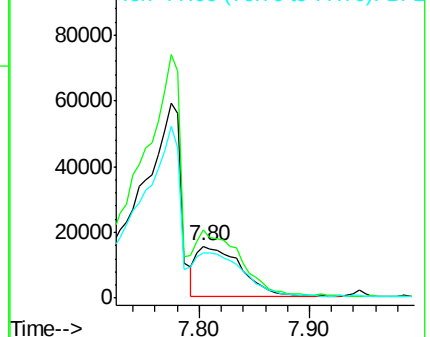
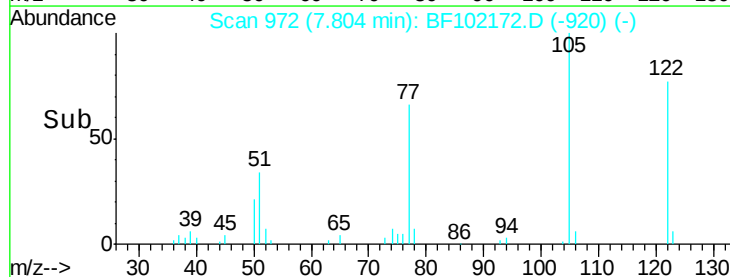
77 86.4 70.7 110.7

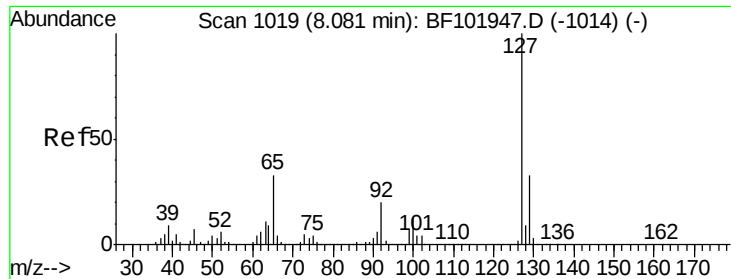


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

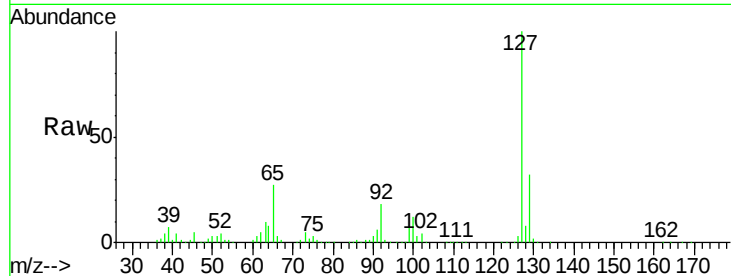




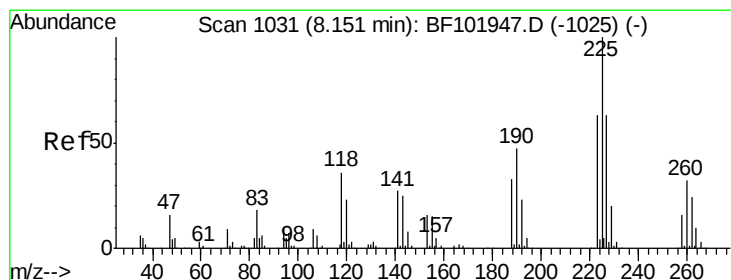
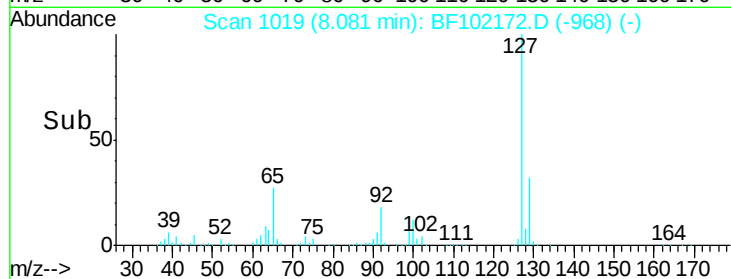
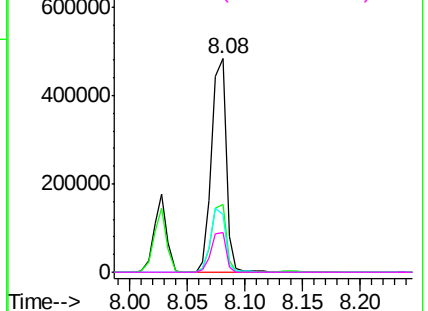
#33
4-Chloroaniline
Concen: 39.635 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	430143
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.3	25.0	37.4
92	18.4	15.2	22.8

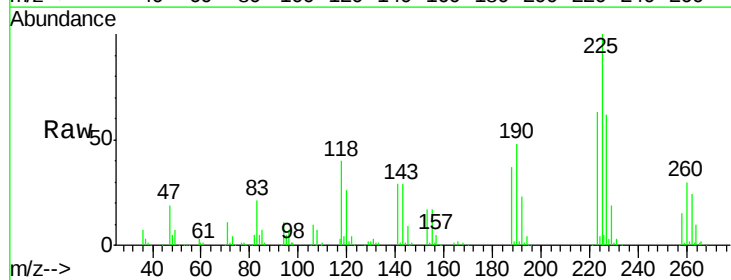


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

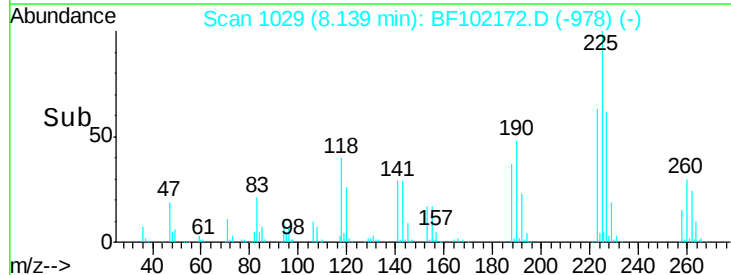
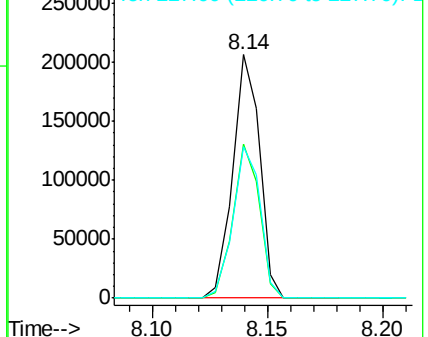


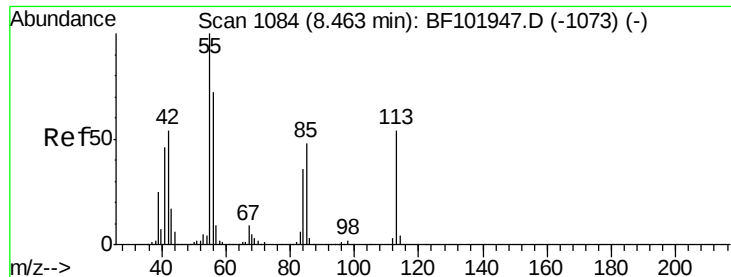
#34
Hexachlorobutadiene
Concen: 43.833 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:	225	Resp:	167609
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.0	51.9	77.9



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





#35

Caprolactam

Concen: 38.274 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

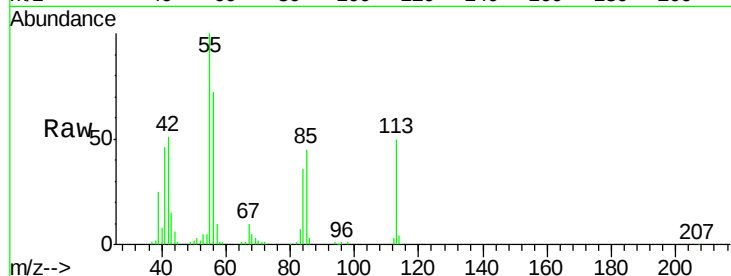
Tot Ion:113 Resp: 90745

Ion Ratio Lower Upper

113 100

55 199.3 163.3 203.3

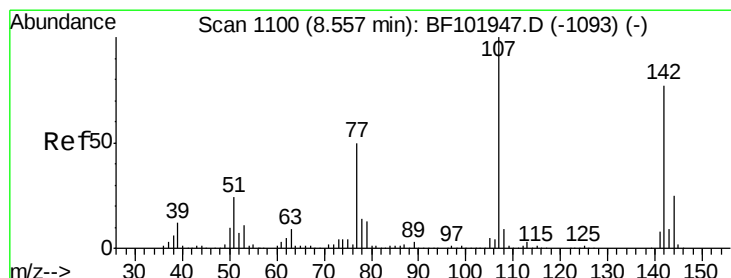
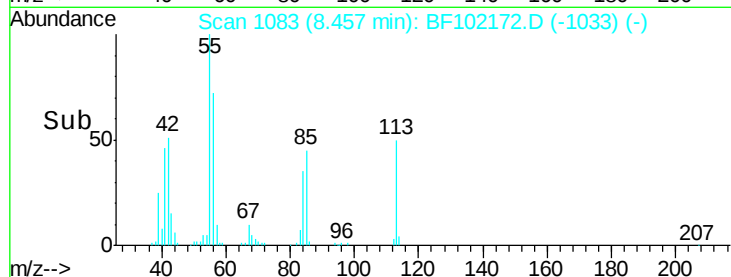
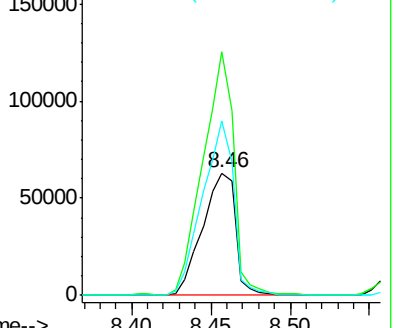
56 142.6 115.7 155.7



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: 39.254 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

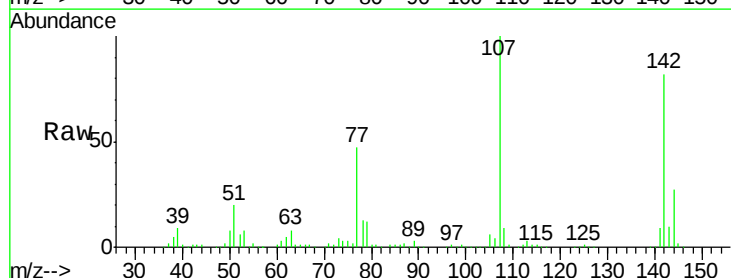
Tgt Ion:107 Resp: 296758

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

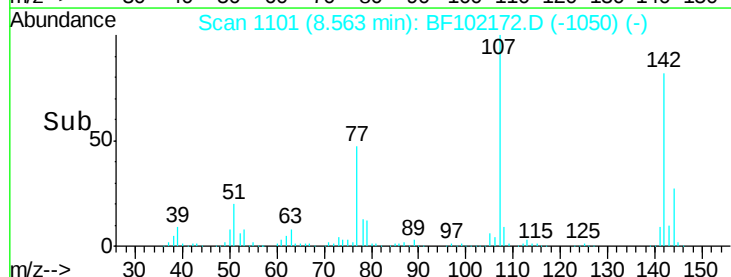
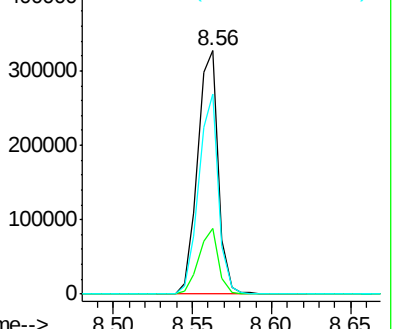
142 82.2 62.0 93.0

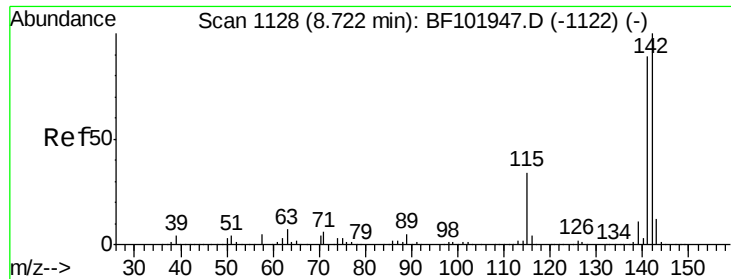


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

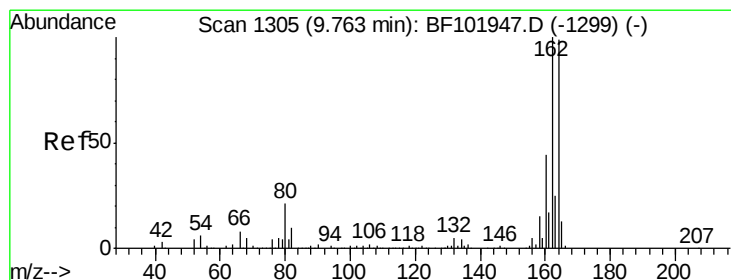
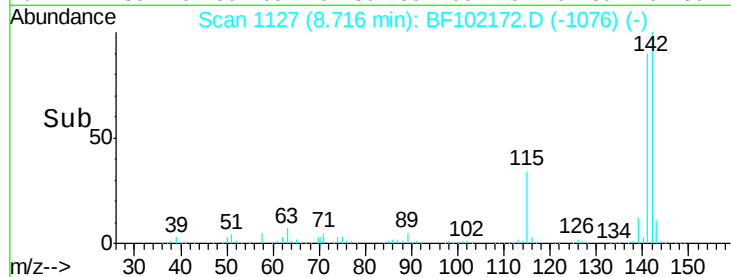
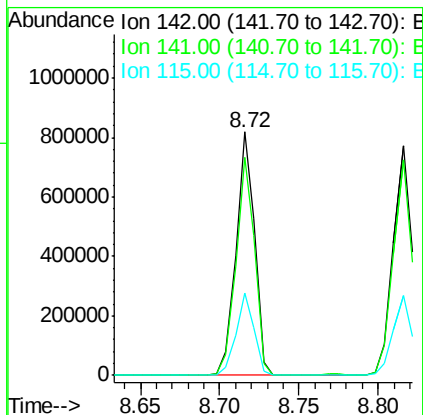
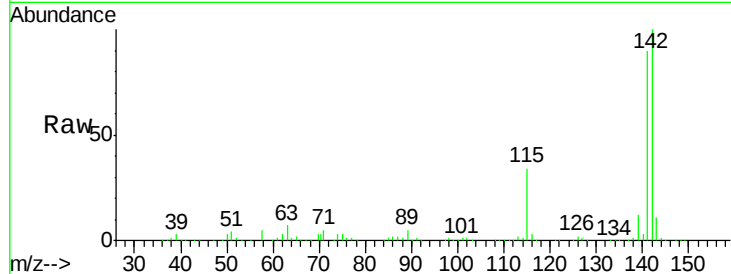




#37
2-Methylnaphthalene
Concen: 39.751 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

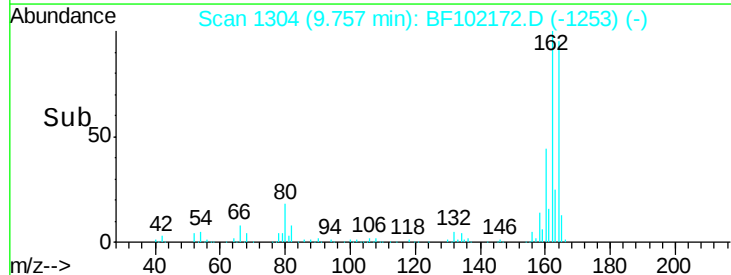
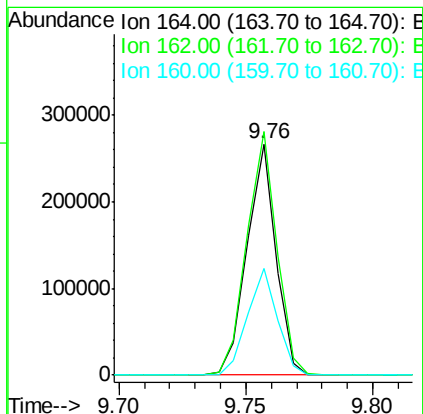
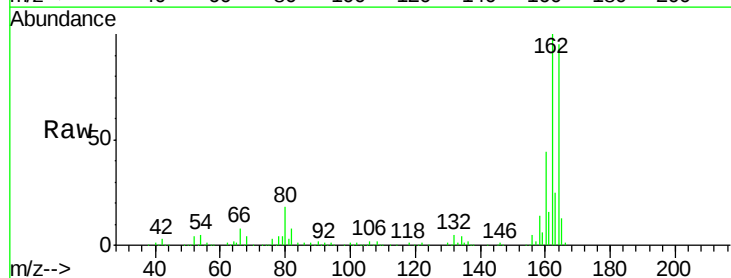
Instrument :
BNA_F
ClientSampled :

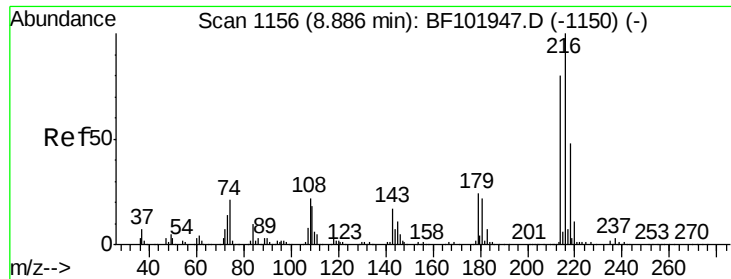
Tot Ion:142 Resp: 665408
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:164 Resp: 212461
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 45.9 38.3 57.5

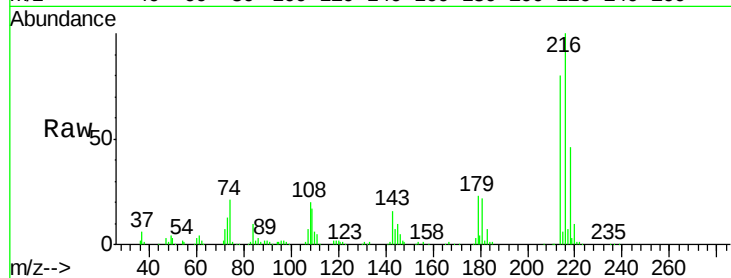




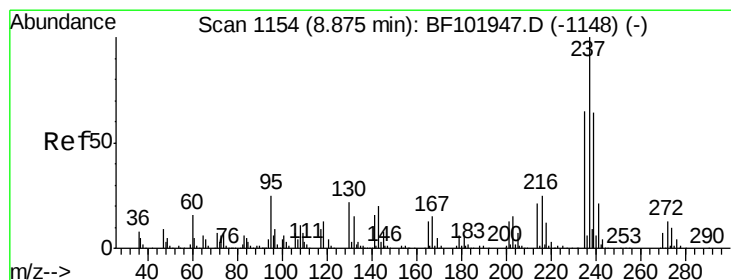
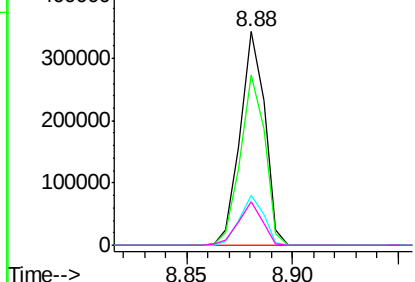
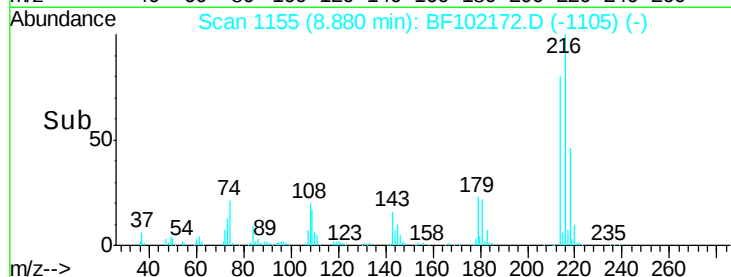
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.995 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	276463
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.0 94.4
179	23.0	18.1 27.1
108	19.8	17.2 25.8

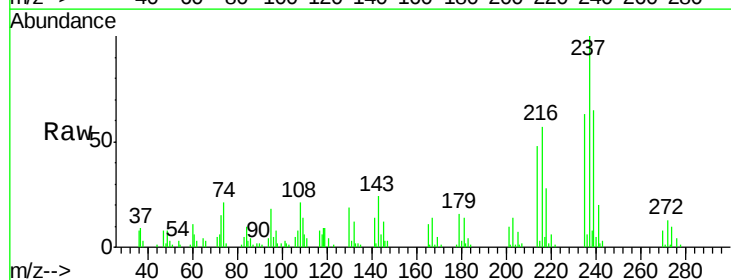


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

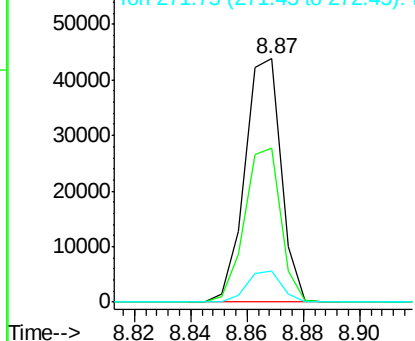
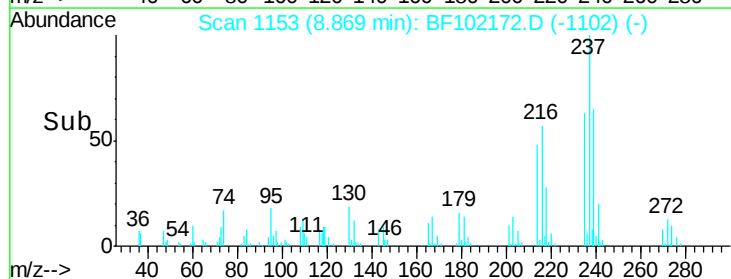


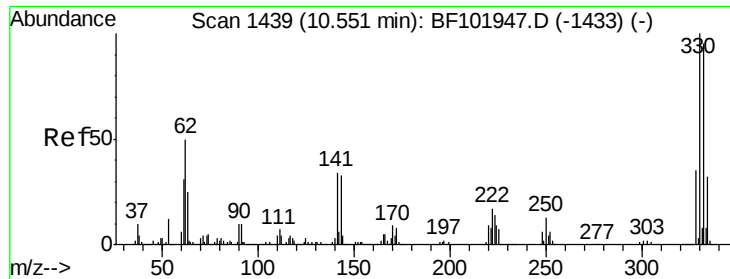
#40
 Hexachlorocyclopentadiene
 Concen: 11.884 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:237	Resp:	39064
Ion Ratio	Lower	Upper
237	100	
235	63.1	44.8 84.8
272	12.8	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

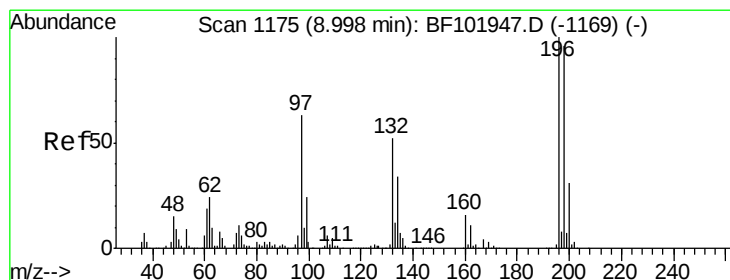
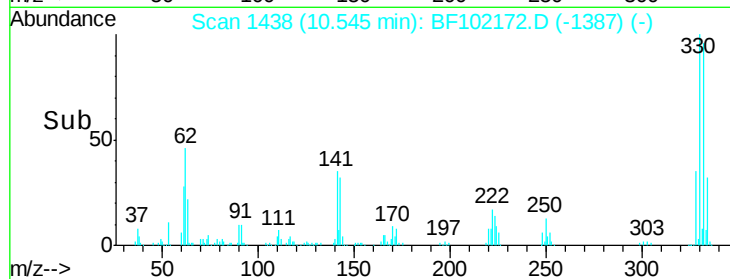
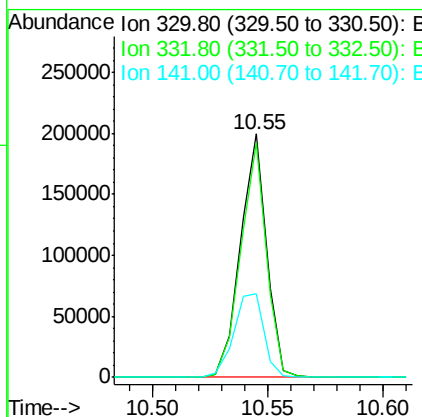
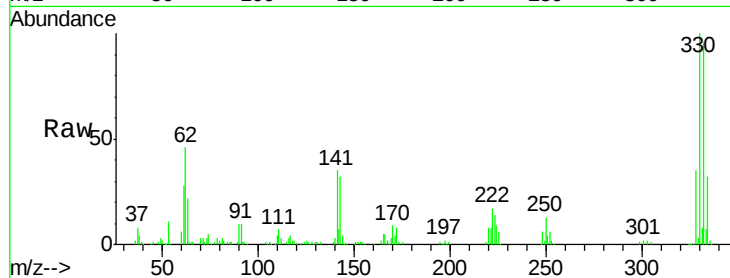




#41
 2,4,6-Tribromophenol
 Concen: 85.489 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

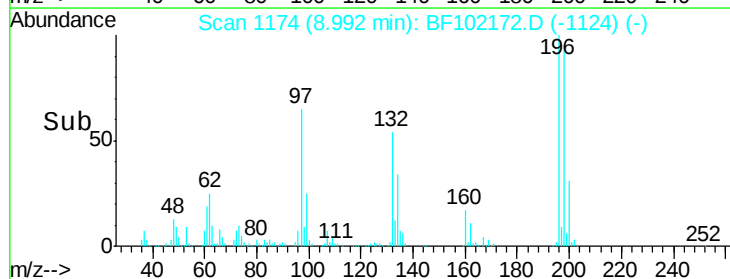
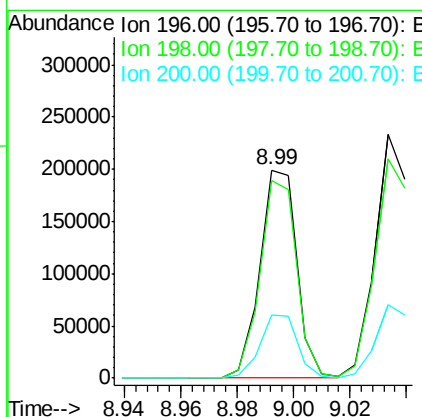
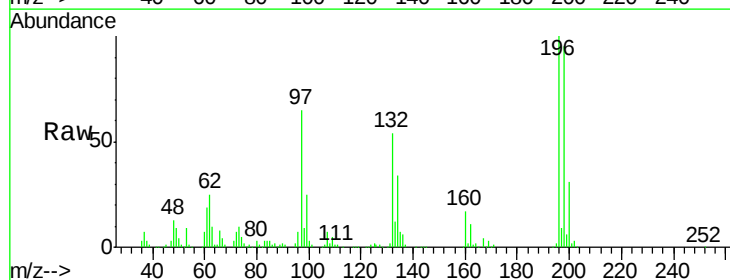
Instrument :
 BNA_F
 ClientSampleId :

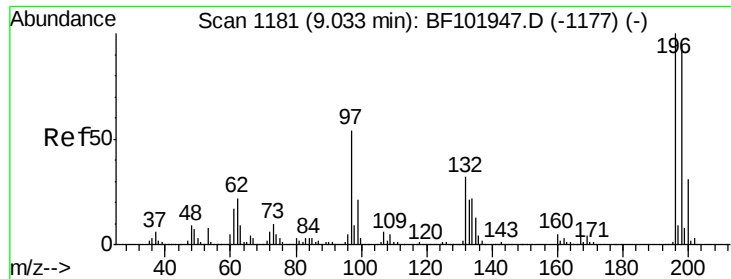
Tot Ion	330	Resp	158506
Ion Ratio	100	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	39.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.791 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion	196	Resp	181382
Ion Ratio	100	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.5	24.5	36.7

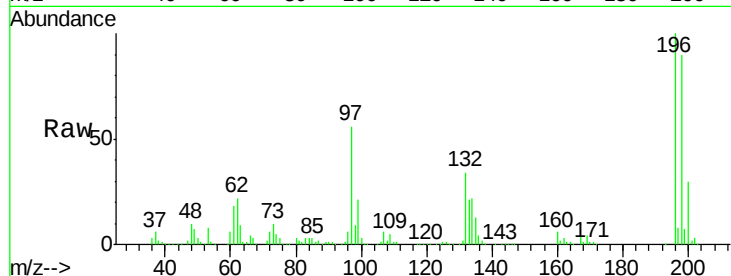




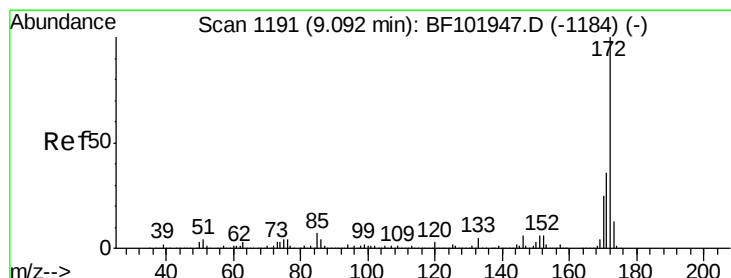
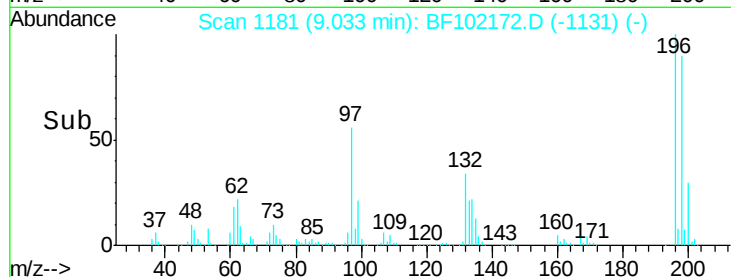
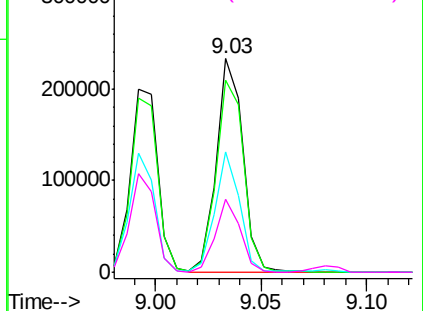
#43
 2,4,5-Trichlorophenol
 Concen: 43.647 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	204331
Ion	Ratio	Lower	Upper
196	100		
198	89.8	74.6	112.0
97	56.3	42.9	64.3
132	34.2	26.3	39.5

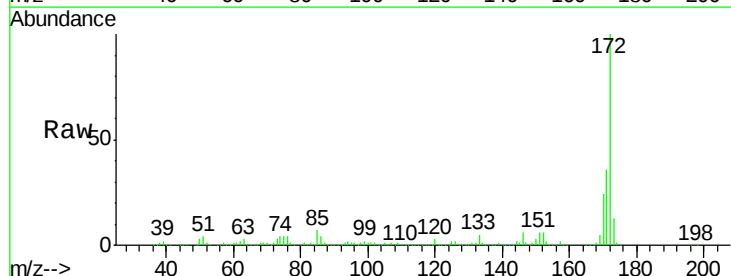


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

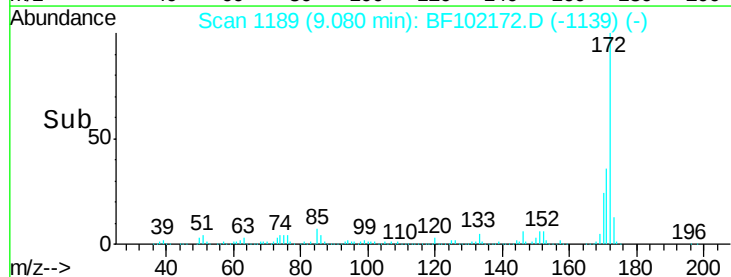
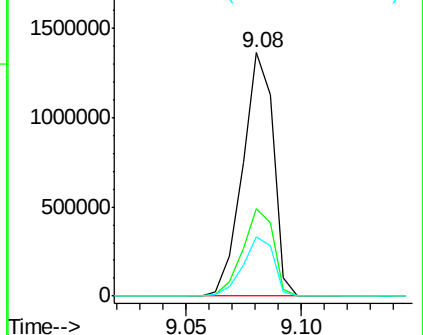


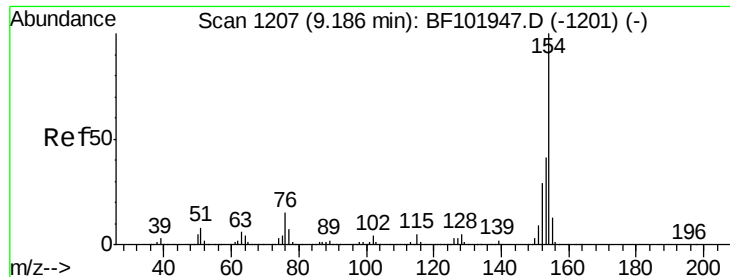
#44
 2-Fluorobiphenyl
 Concen: 93.495 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:	172	Resp:	1271485
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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

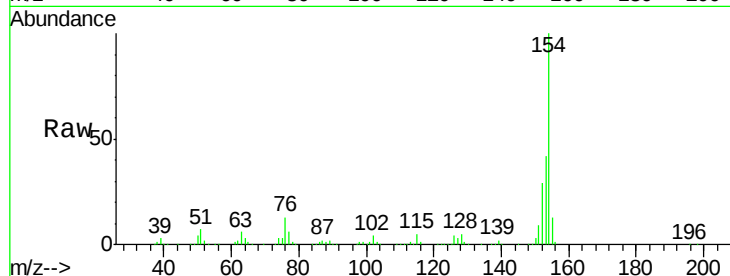




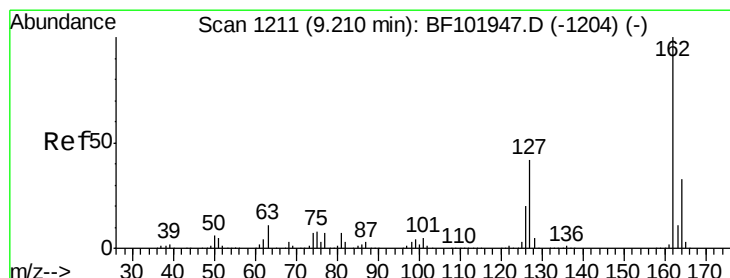
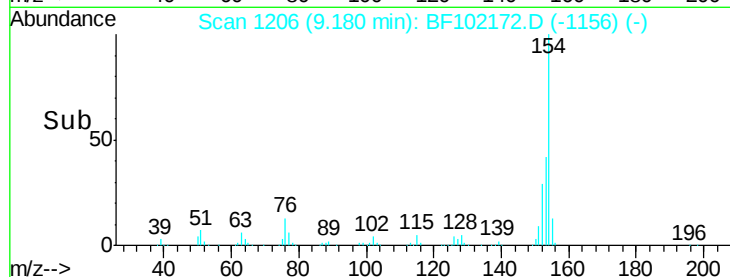
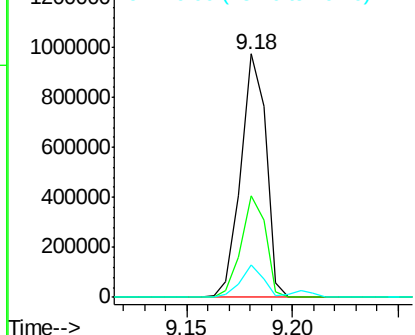
#45
 1,1'-Biphenyl
 Concen: 42.765 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 803098
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 13.3 0.0 34.0

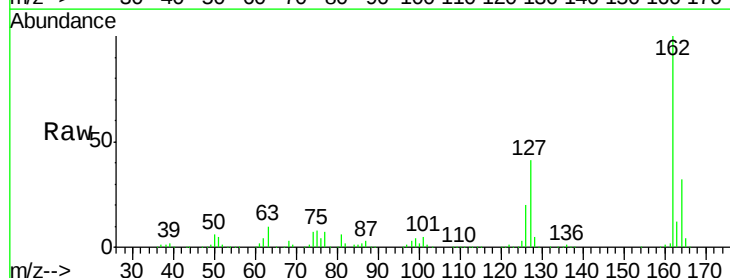


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

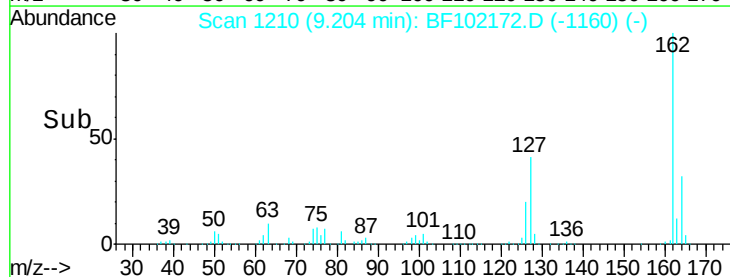
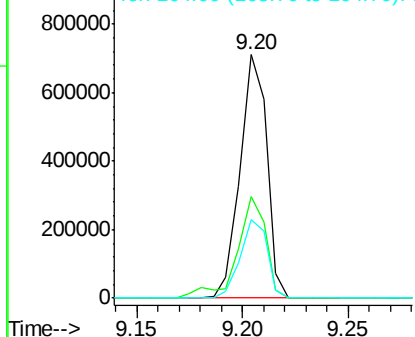


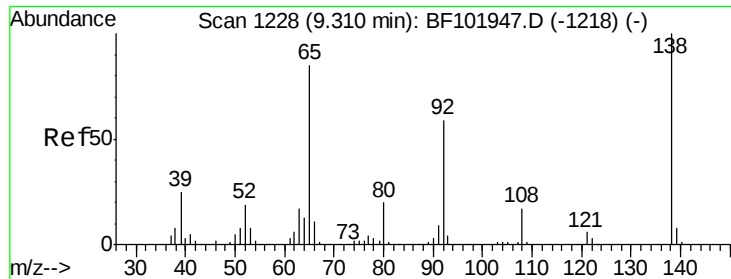
#46
 2-Chloronaphthalene
 Concen: 42.707 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:162 Resp: 621921
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 32.0 26.5 39.7



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

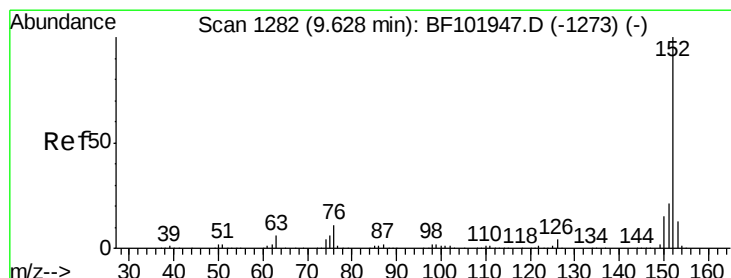
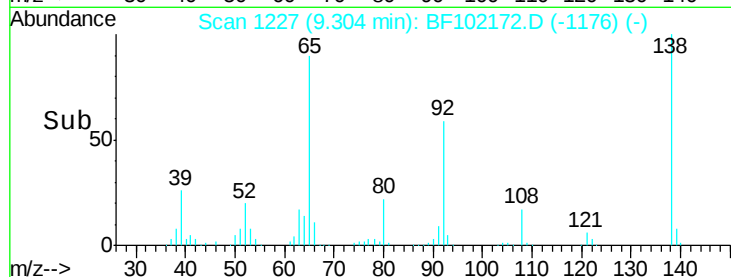
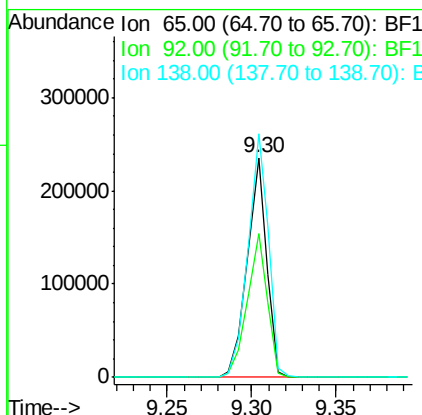
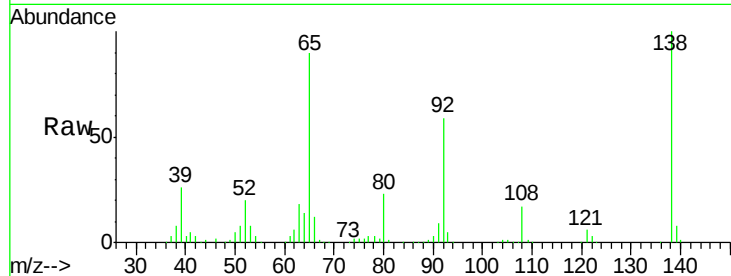




#47
2-Nitroaniline
Concen: 44.070 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

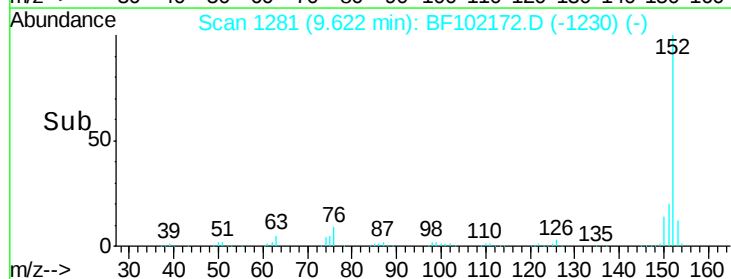
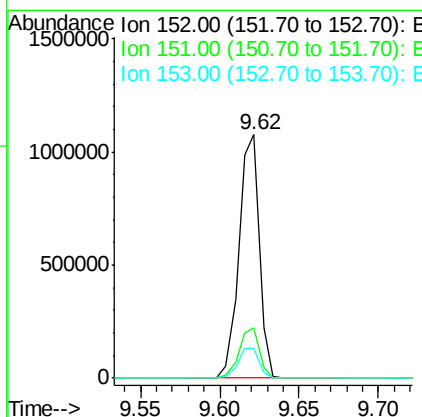
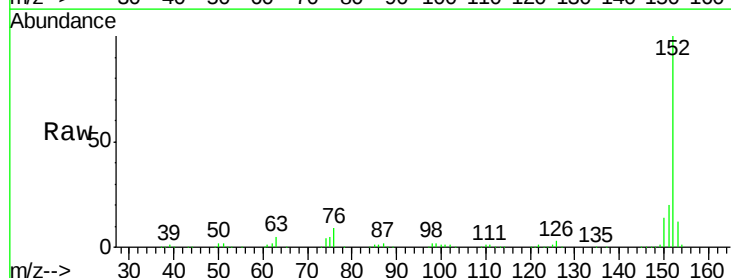
Instrument :
BNA_F
ClientSampleId :

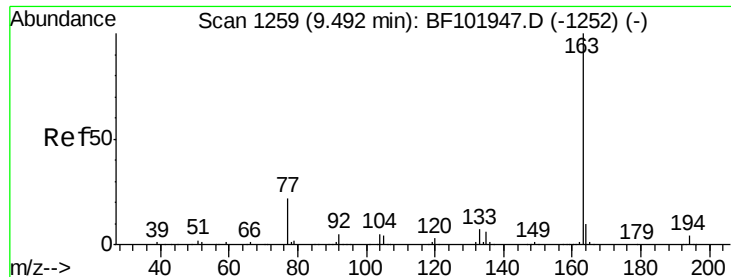
Tot Ion: 65 Resp: 192243
Ion Ratio Lower Upper
65 100
92 65.6 55.8 83.6
138 110.7 91.2 136.8



#48
Acenaphthylene
Concen: 41.299 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion: 152 Resp: 954449
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.4 10.7 16.1

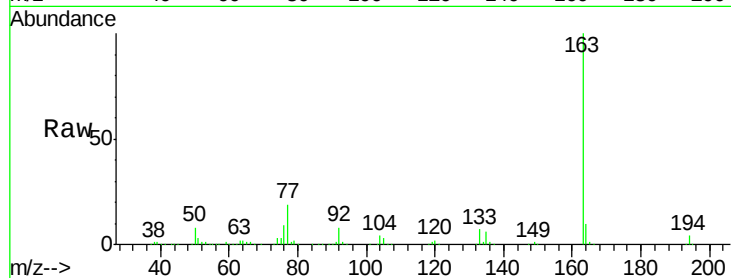




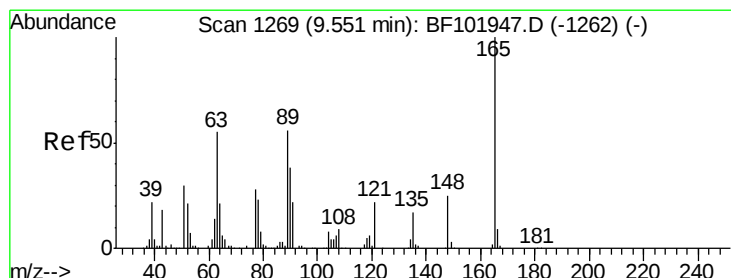
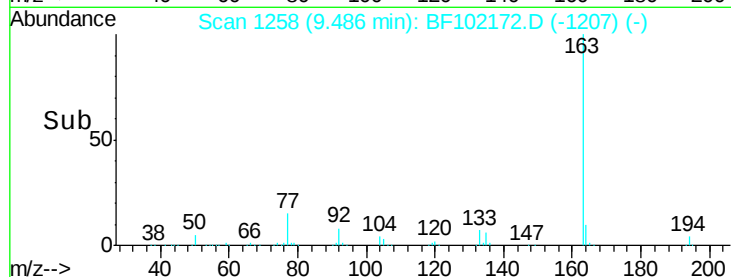
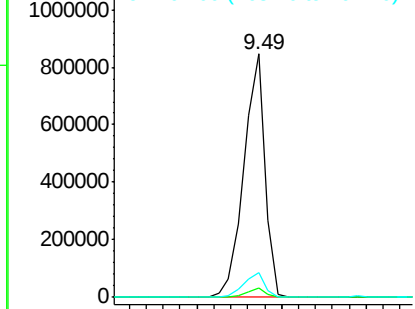
#49
Dimethylphthalate
Concen: 43.364 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 739088
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

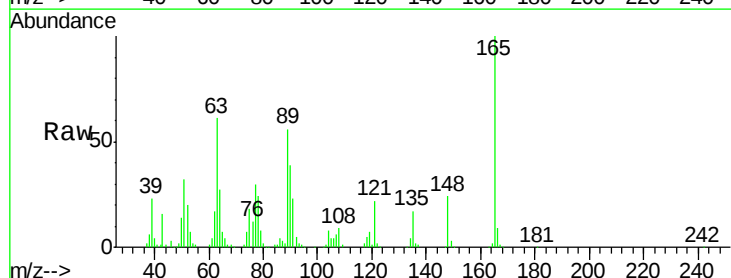


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

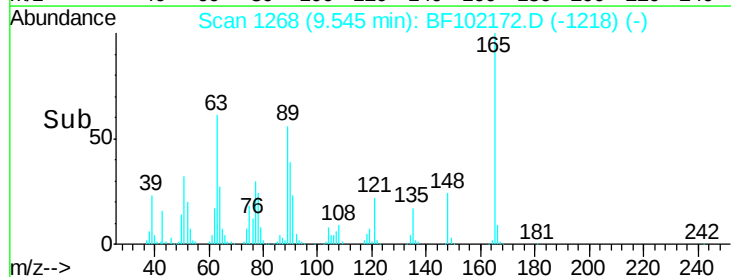
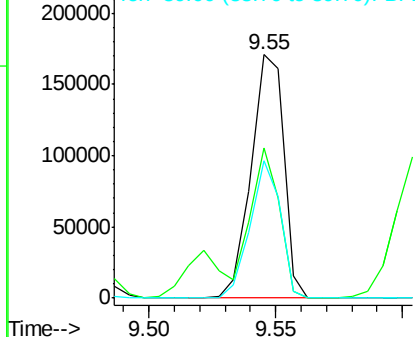


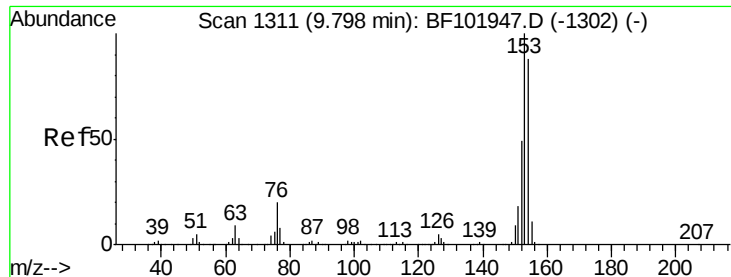
#50
2,6-Dinitrotoluene
Concen: 45.284 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:165 Resp: 154170
Ion Ratio Lower Upper
165 100
63 61.5 44.7 67.1
89 56.5 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: 38.949 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

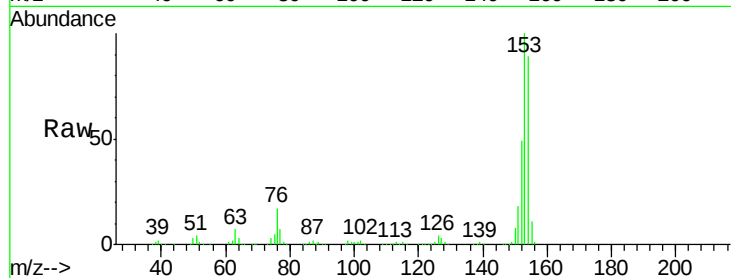
Tot Ion:154 Resp: 546350

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

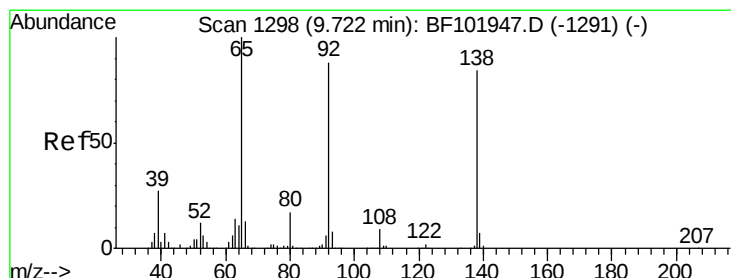
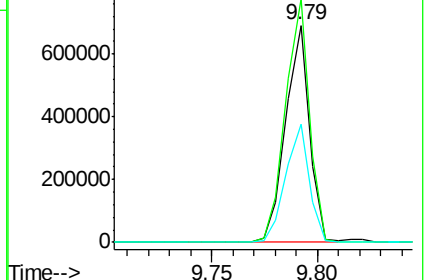
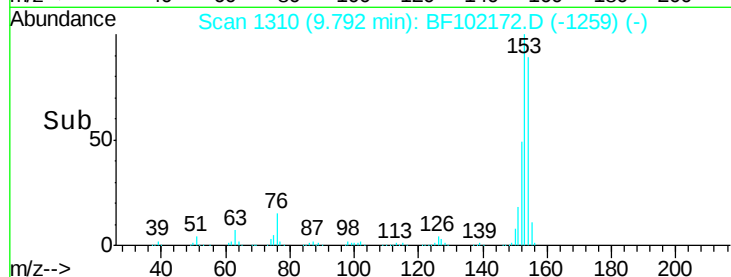
152 54.6 43.8 65.8



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: 41.739 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

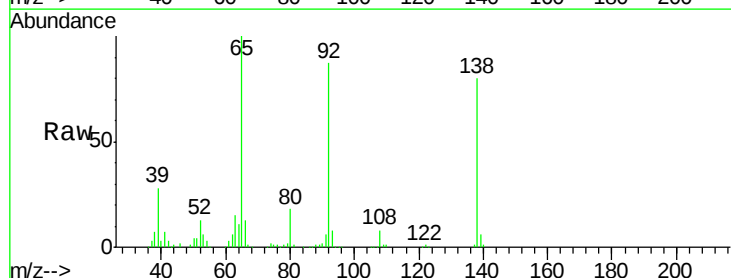
Tgt Ion:138 Resp: 179339

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

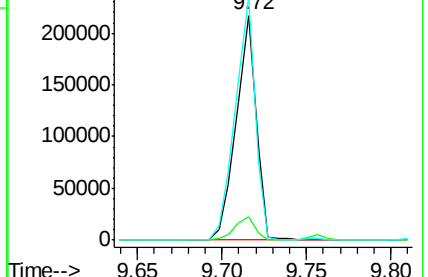
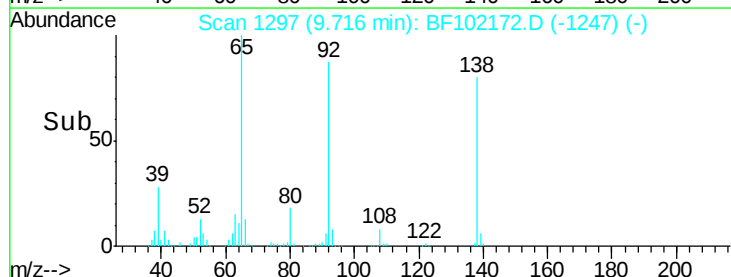
92 108.2 89.4 134.2

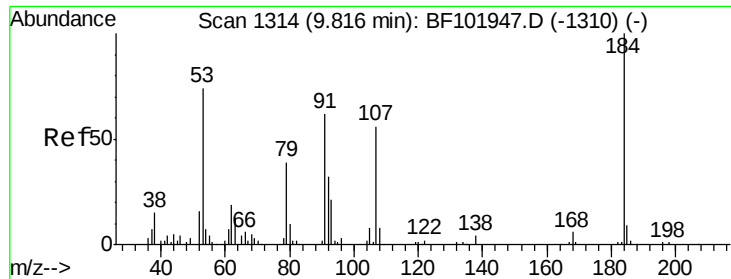


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

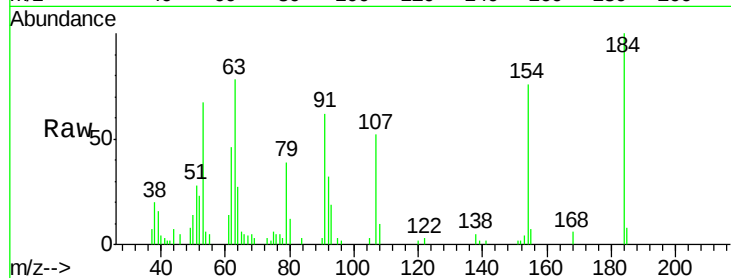




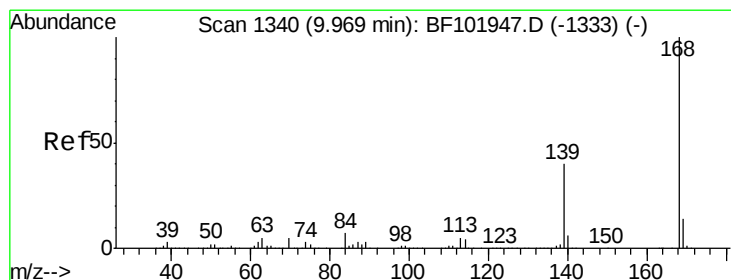
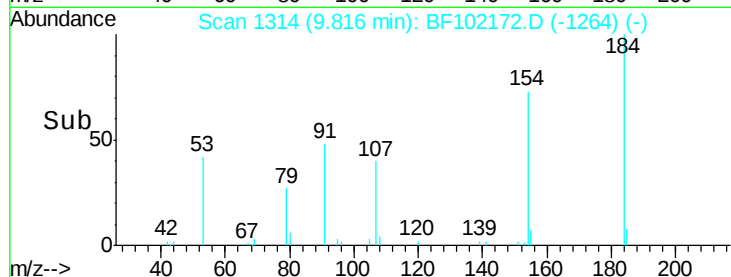
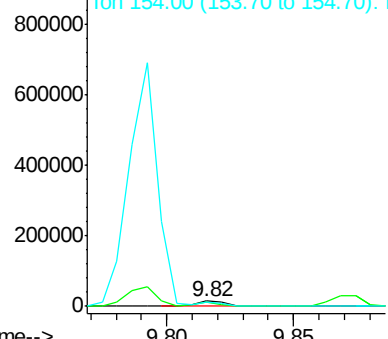
#53
2,4-Dinitrophenol
Concen: 17.074 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 12279
Ion Ratio Lower Upper
184 100
63 77.8 54.2 81.2
154 75.8 184.0 276.0#

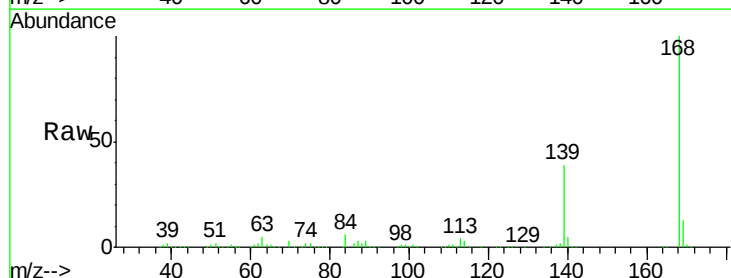


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

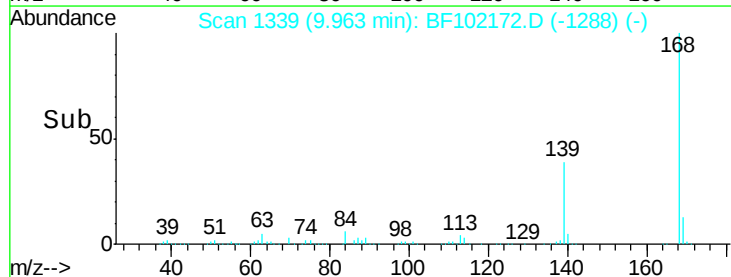
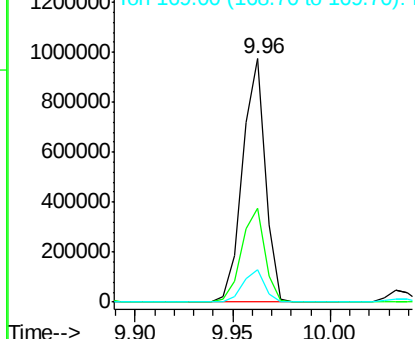


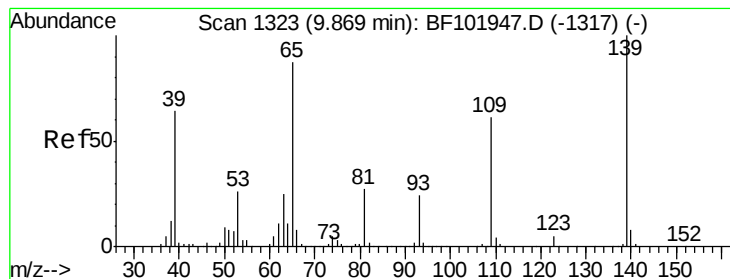
#54
Dibenzofuran
Concen: 40.738 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:168 Resp: 784266
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 33.885 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampled :

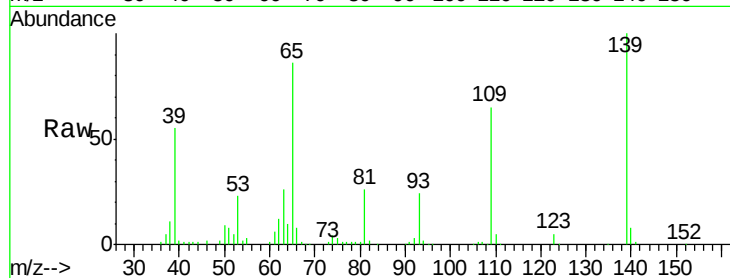
Tot Ion:139 Resp: 108501

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

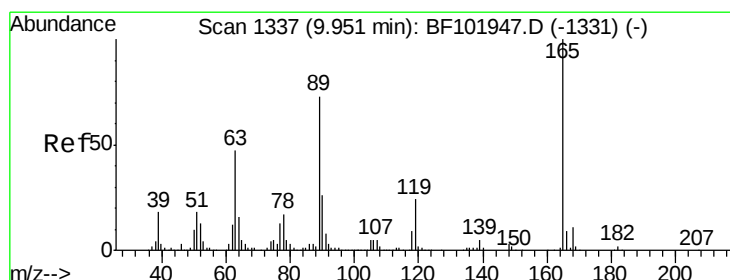
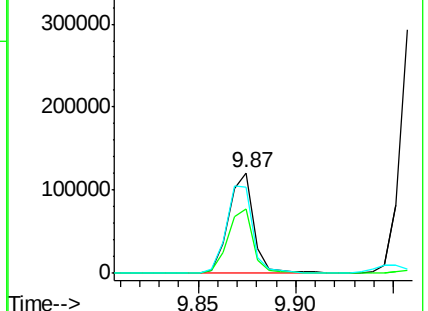
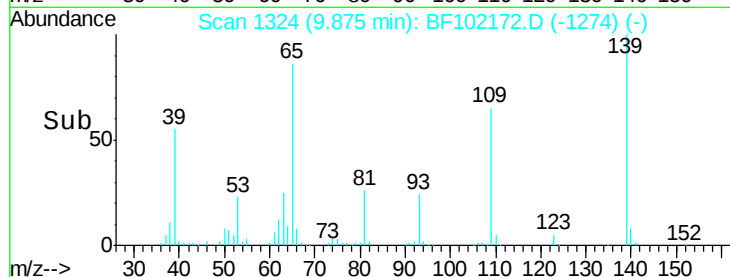
65 85.9 72.6 112.6



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: 45.269 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Tgt Ion:165 Resp: 193169

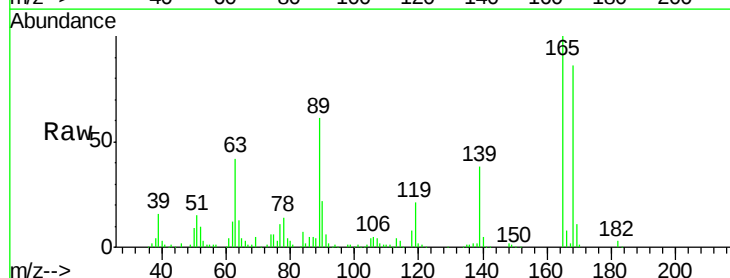
Ion Ratio Lower Upper

165 100

63 41.9 36.4 54.6

89 61.1 57.8 86.6

182 2.5 1.6 2.4#

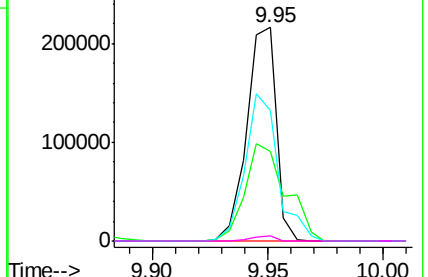
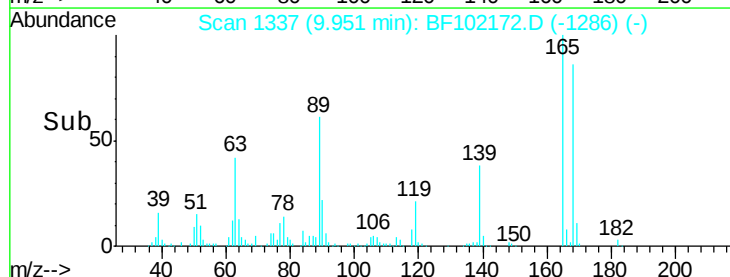


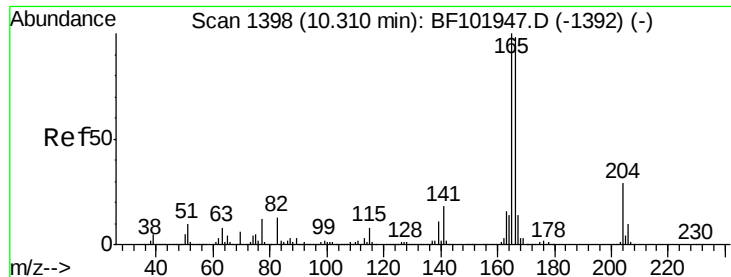
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

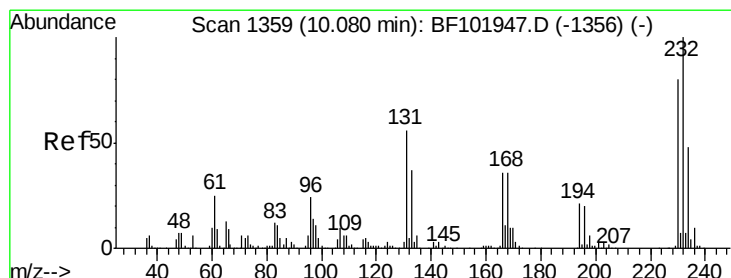
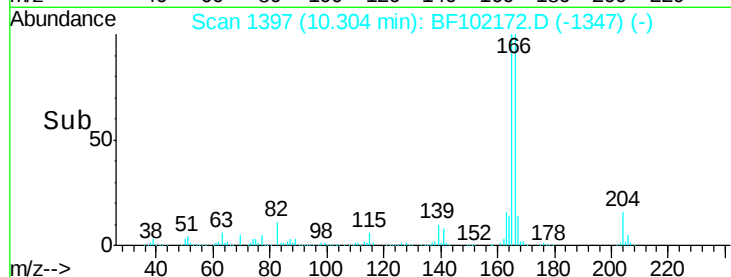
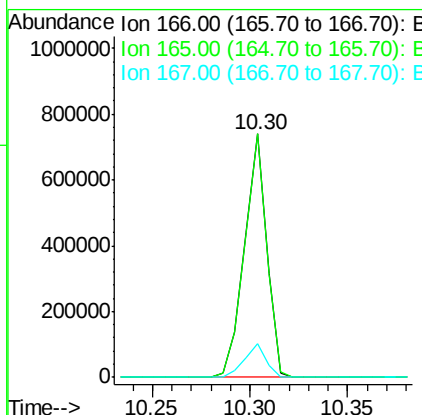
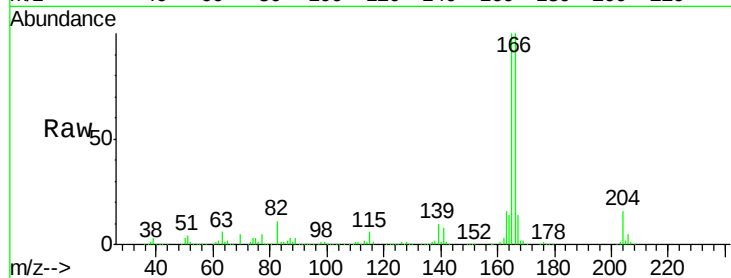




#57
 Fluorene
 Concen: 44.275 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

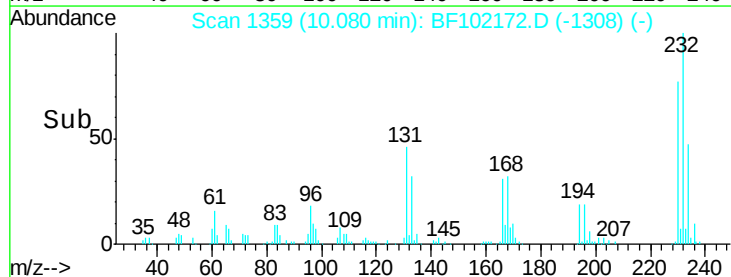
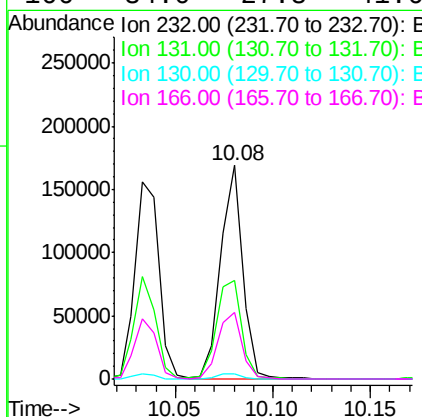
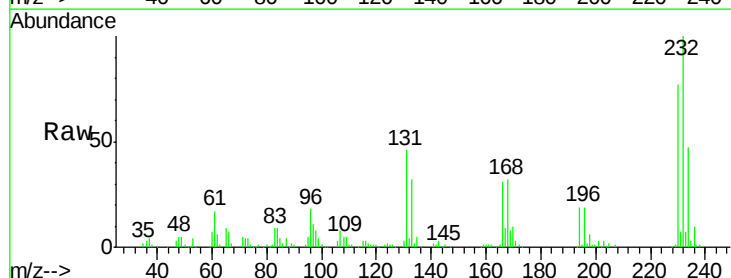
Instrument :
 BNA_F
 ClientSampleId :

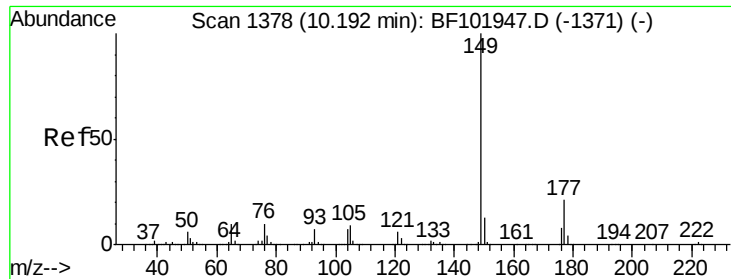
Tot Ion:166 Resp: 589229
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.014 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:232 Resp: 133363
 Ion Ratio Lower Upper
 232 100
 131 52.5 43.8 65.8
 130 2.6 2.1 3.1
 166 34.0 27.8 41.6

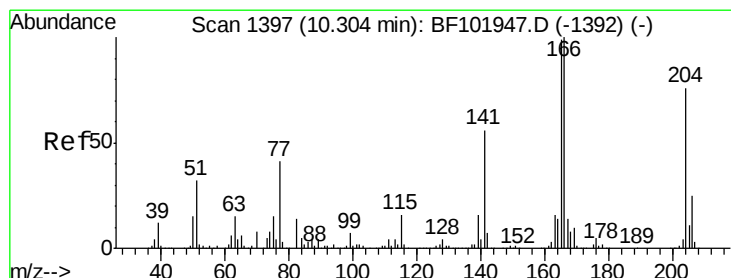
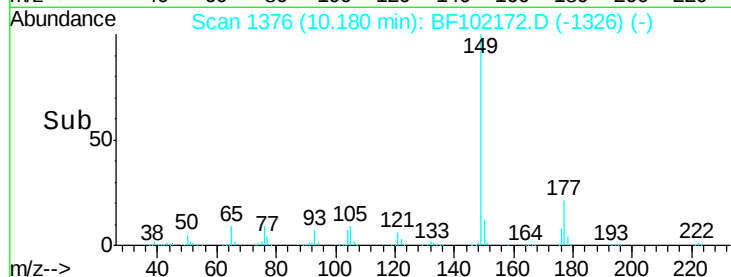
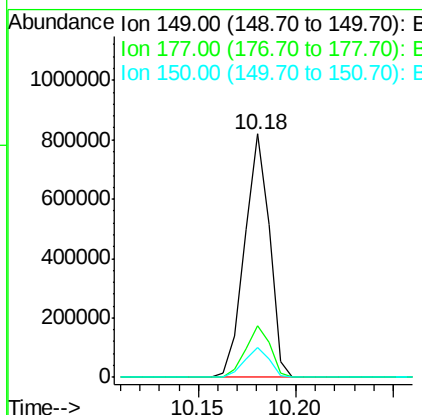
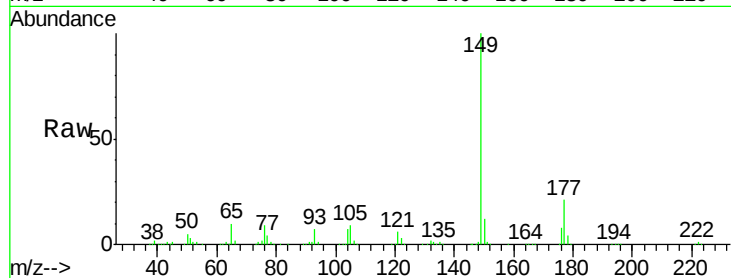




#59
Diethylphthalate
Concen: 42.496 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

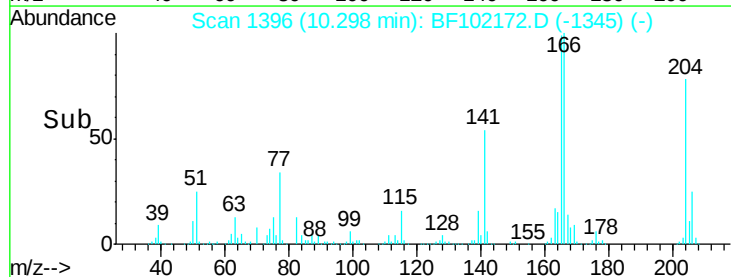
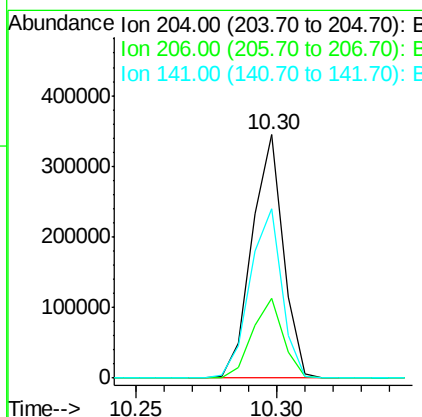
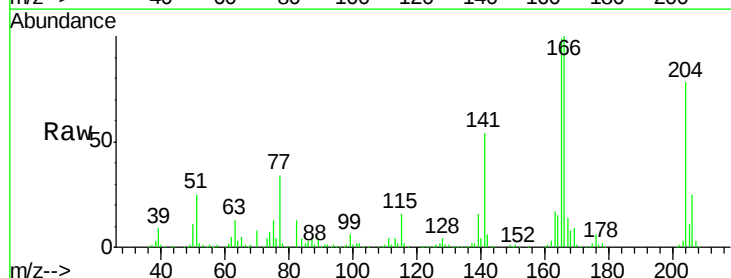
Instrument :
BNA_F
ClientSampled :

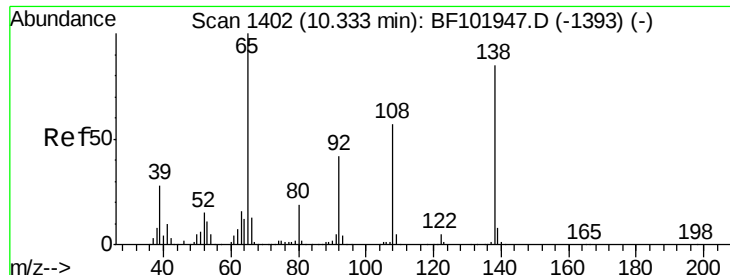
Tot Ion:149 Resp: 720477
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.742 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:204 Resp: 264882
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 69.4 54.6 81.8

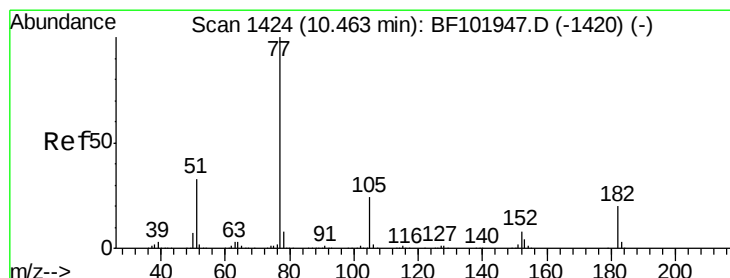
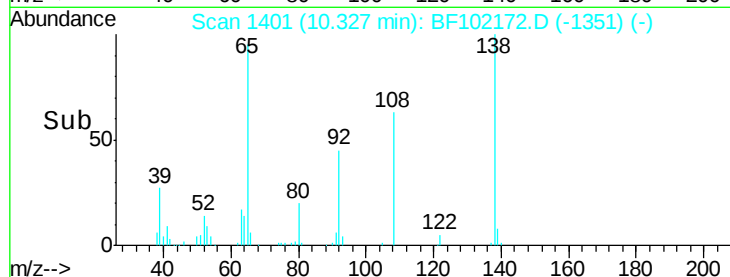
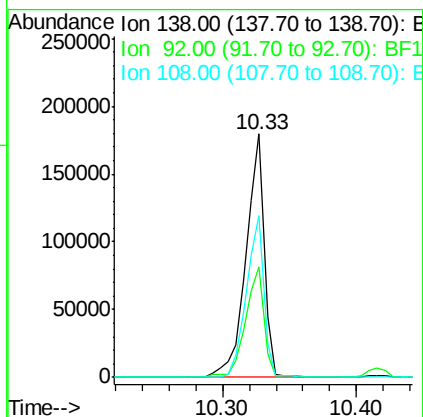
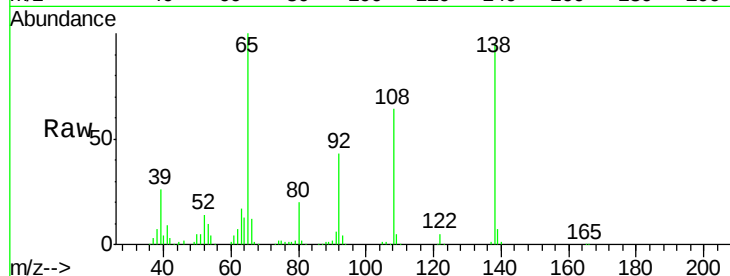




#61
4-Nitroaniline
Concen: 41.498 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

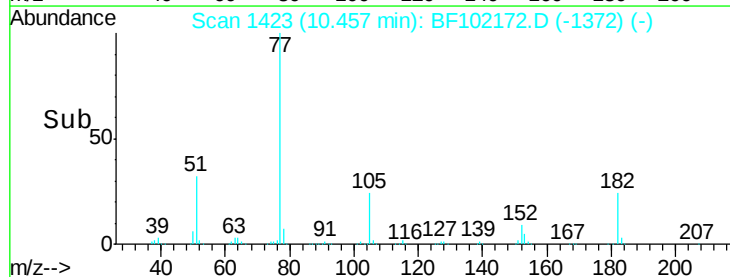
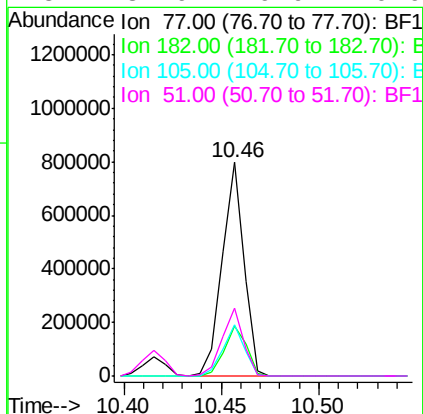
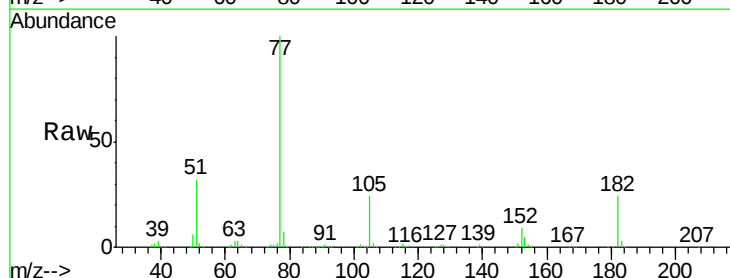
Instrument :
BNA_F
ClientSampled :

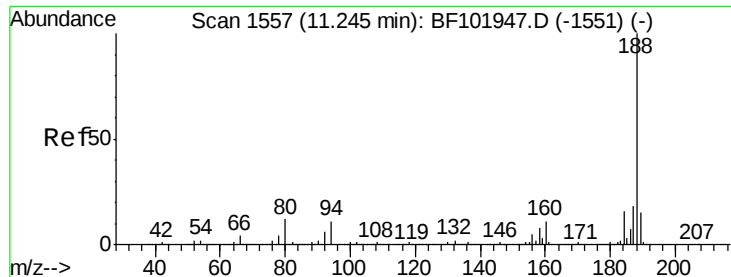
Tot Ion:138 Resp: 169216
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 66.6 52.5 92.5



#62
Azobenzene
Concen: 36.568 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion: 77 Resp: 616819
Ion Ratio Lower Upper
77 100
182 23.6 1.7 41.7
105 23.9 3.0 43.0
51 31.9 9.9 49.9

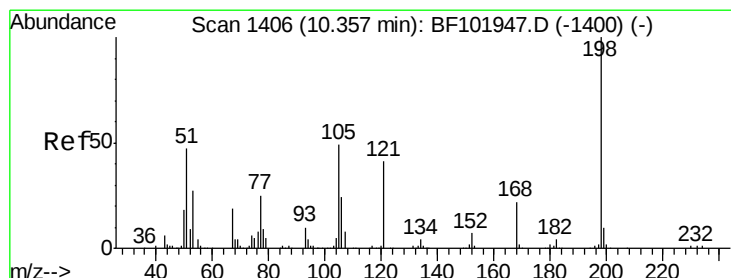
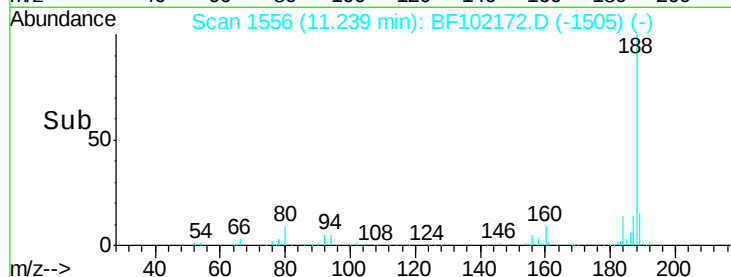
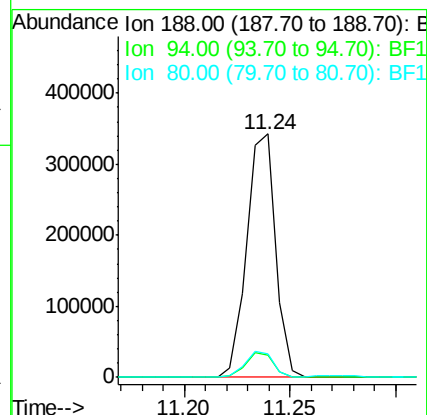
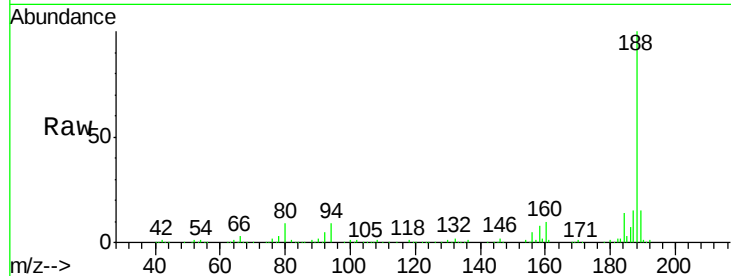




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

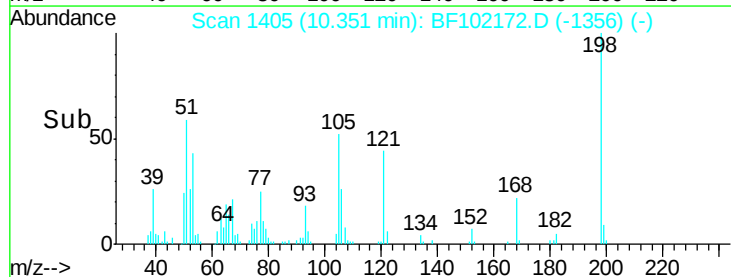
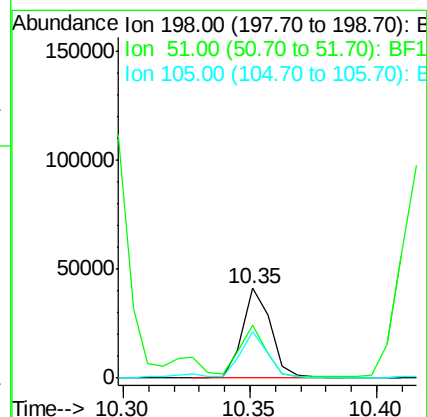
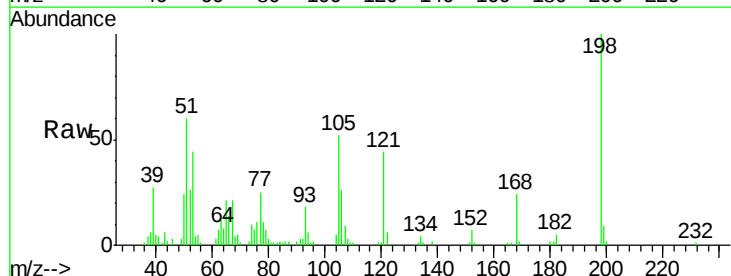
Instrument :
BNA_F
ClientSampleId :

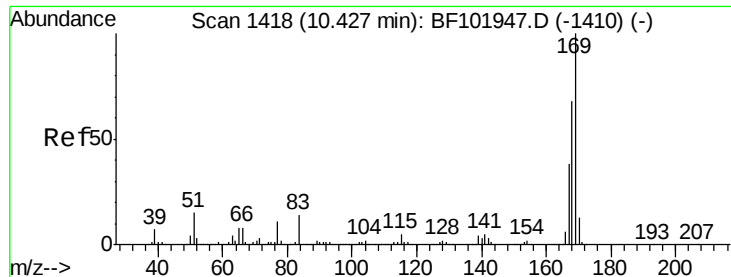
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.745 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.8	37.7	77.7
105	51.9	36.3	76.3

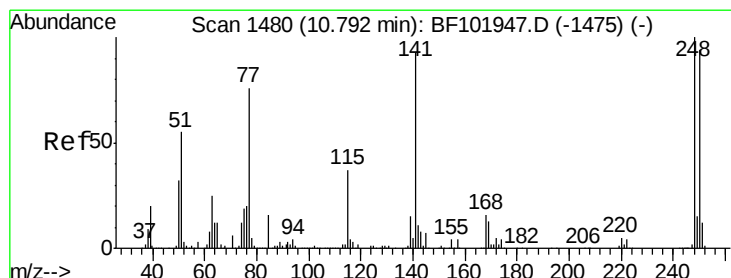
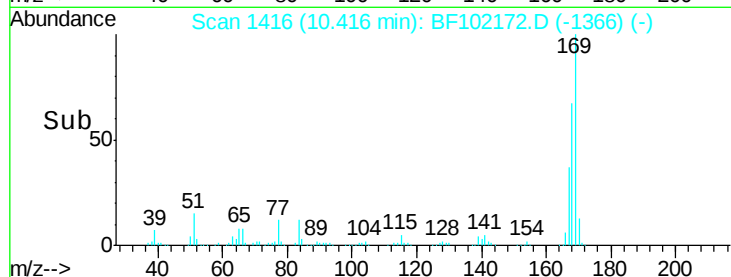
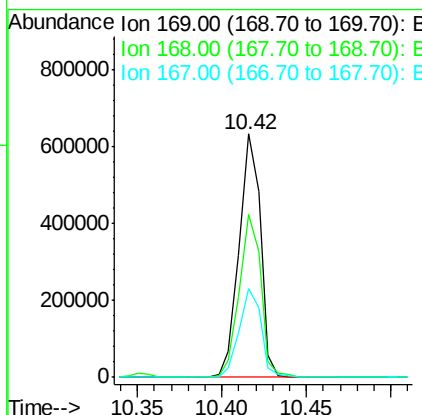
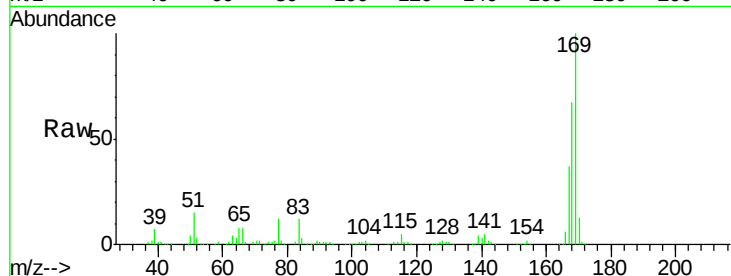




#65
n-Nitrosodiphenylamine
Concen: 45.738 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

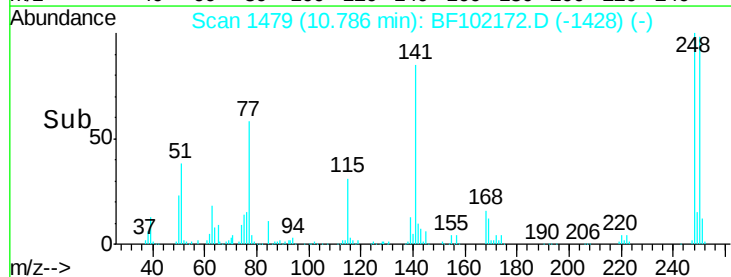
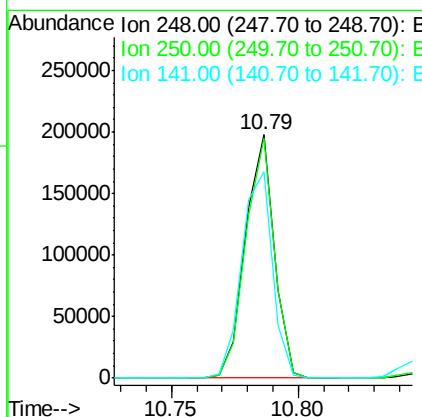
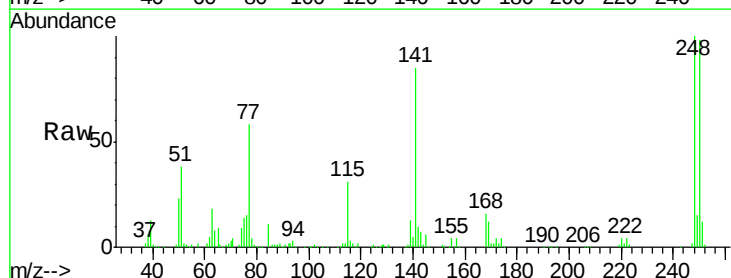
Instrument :
BNA_F
ClientSampleId :

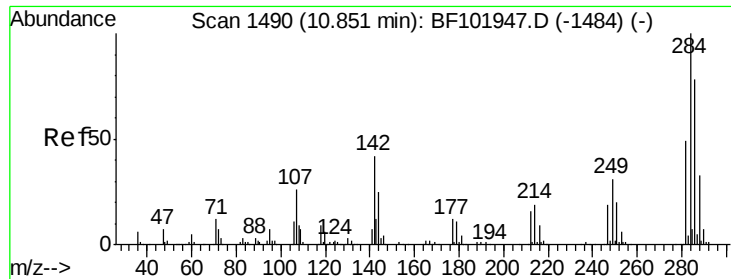
Tot Ion:169 Resp: 554373
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 36.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 45.893 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:248 Resp: 156875
Ion Ratio Lower Upper
248 100
250 98.4 76.9 115.3
141 84.9 74.4 111.6

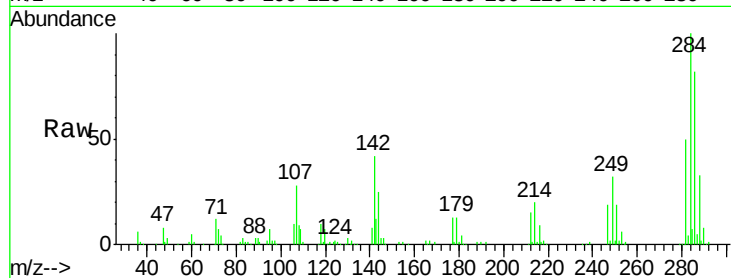




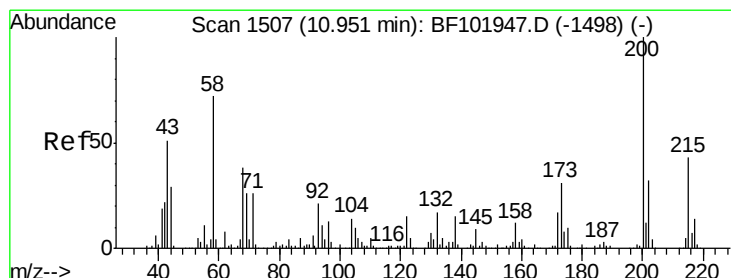
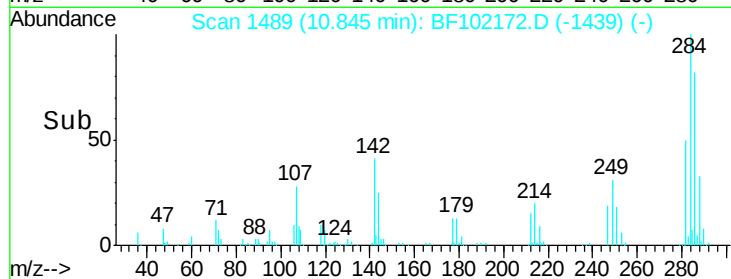
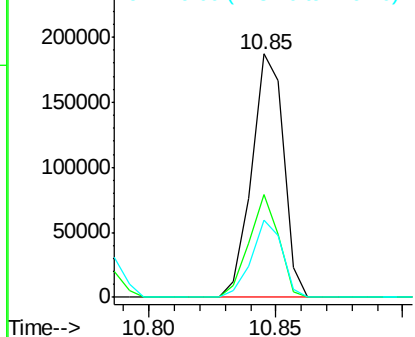
#67
Hexachlorobenzene
Concen: 44.114 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 164620
Ion Ratio Lower Upper
284 100
142 42.3 34.6 52.0
249 31.6 24.8 37.2

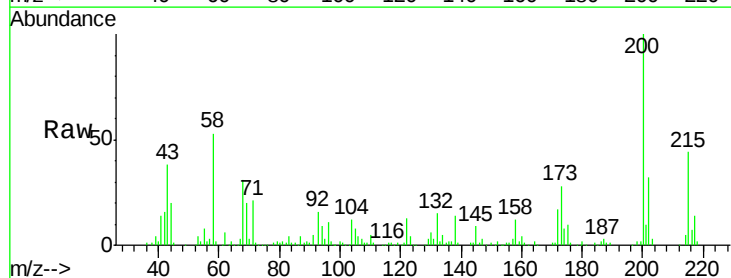


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

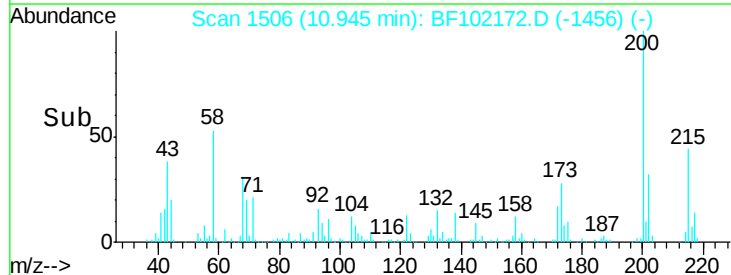
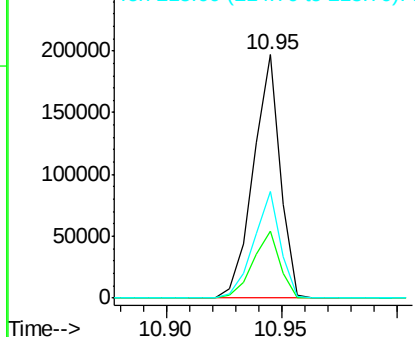


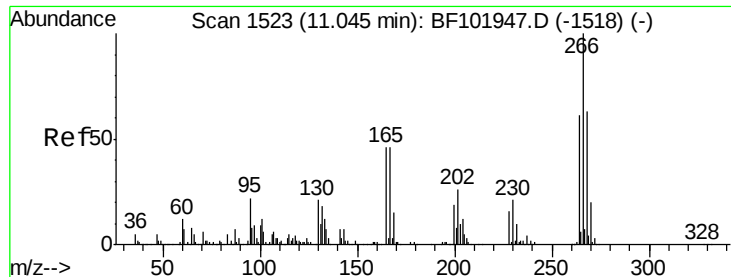
#68
Atrazine
Concen: 45.820 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:200 Resp: 160497
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 44.0 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

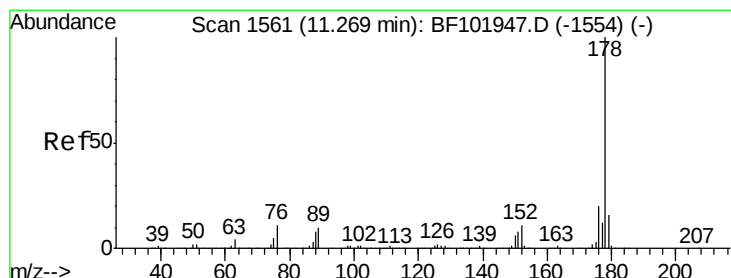
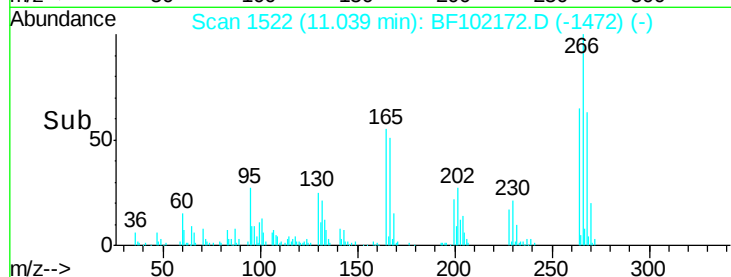
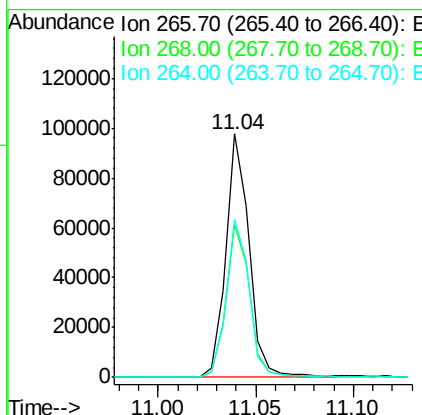
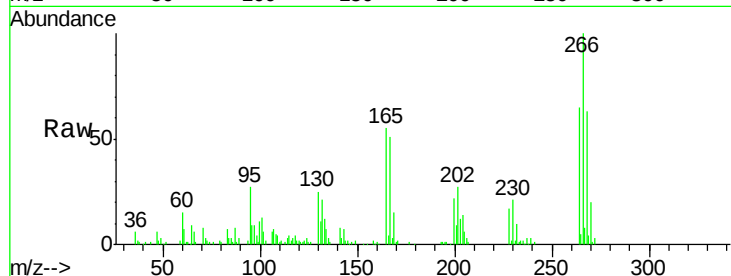




#69
 Pentachlorophenol
 Concen: 35.595 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

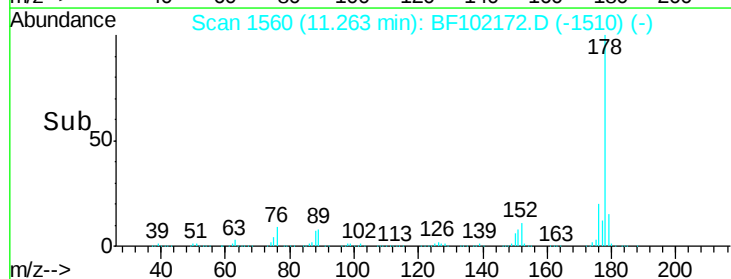
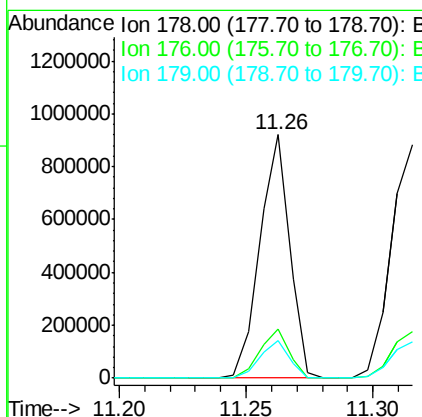
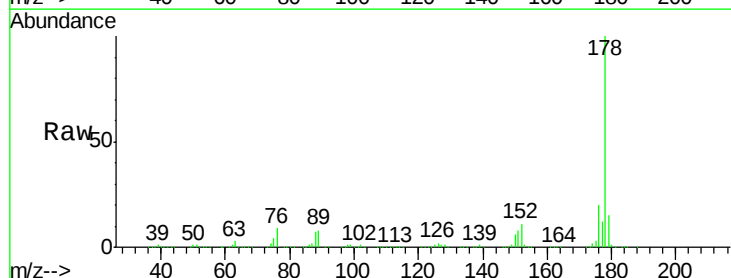
Instrument :
 BNA_F
 ClientSampleId :

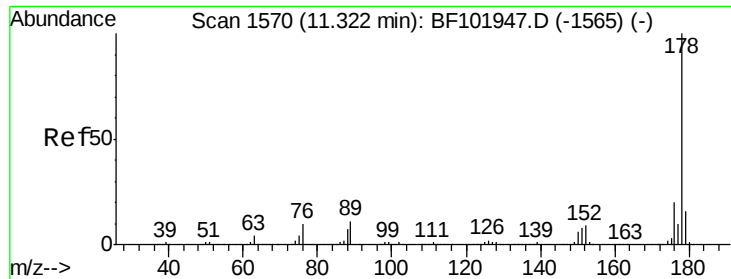
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	65.0	49.5	74.3



#70
 Phenanthrene
 Concen: 40.067 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.2	13.0	19.6

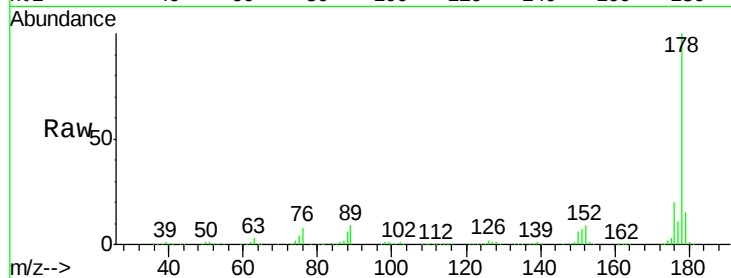




#71
 Anthracene
 Concen: 39.933 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.6	19.0

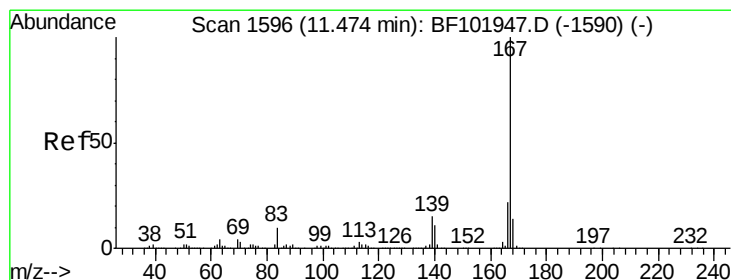
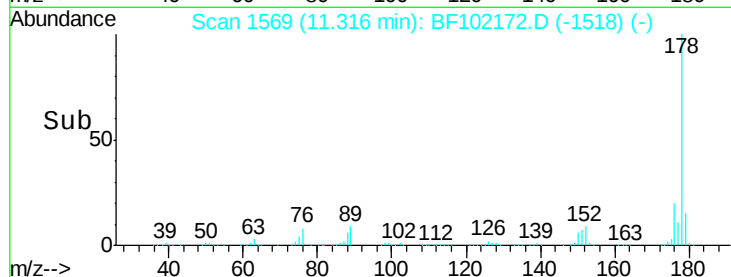
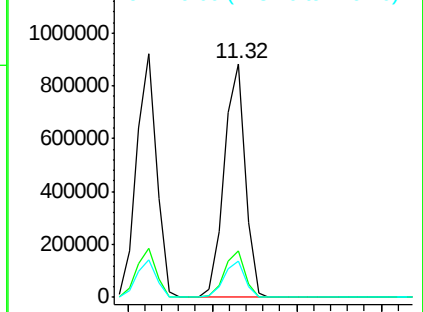


Abundance

Ion 178.00 (177.70 to 178.70): E

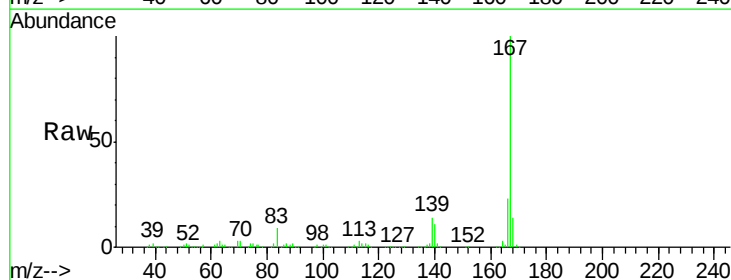
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 37.800 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	14.2	10.9	16.3

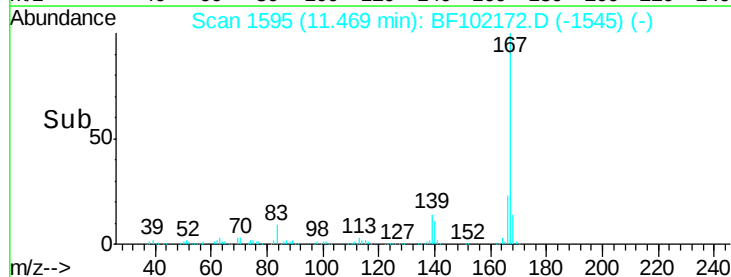
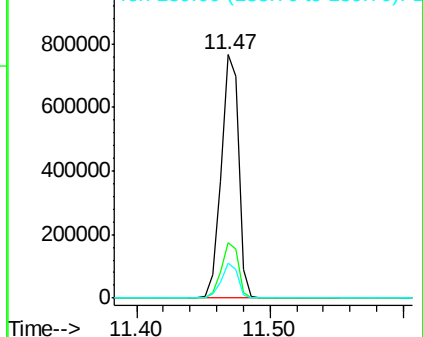


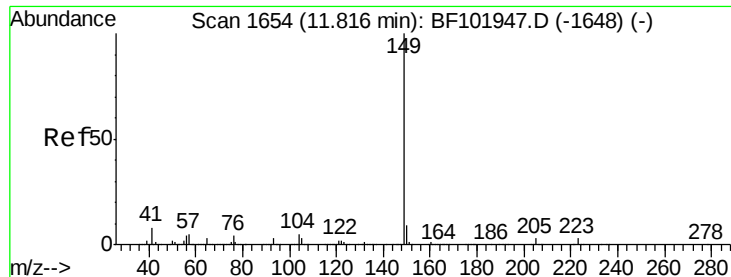
Abundance

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: 42.889 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

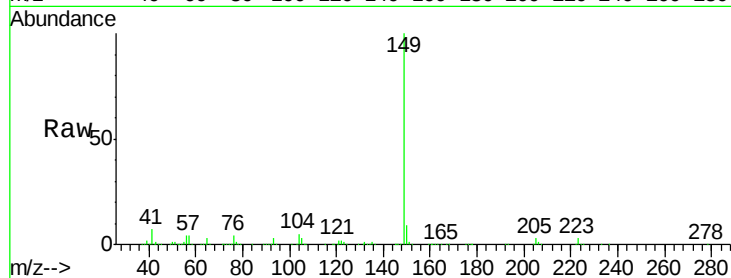
Tot Ion:149 Resp: 991755

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

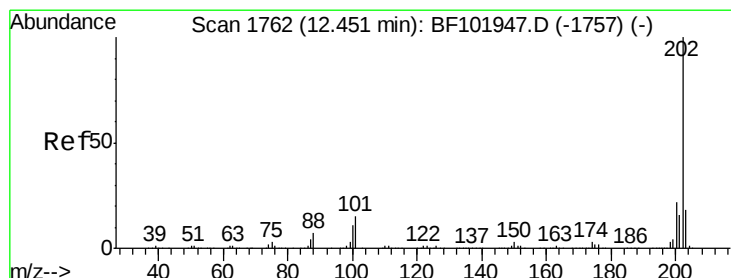
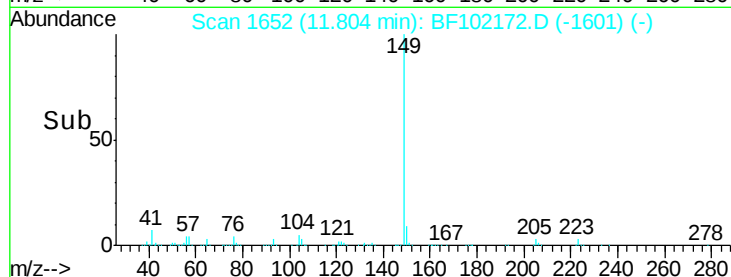
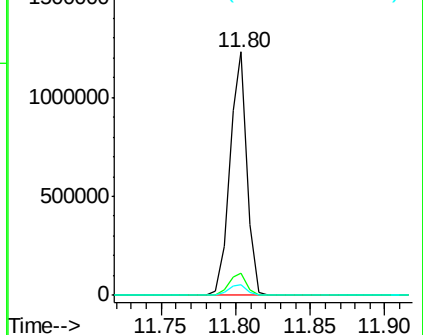
104 4.6 3.8 5.8



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: 34.259 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

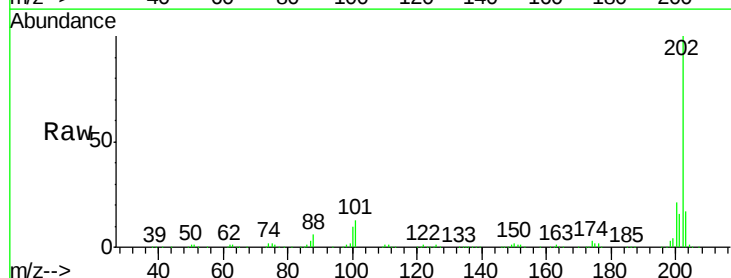
Tgt Ion:202 Resp: 637290

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

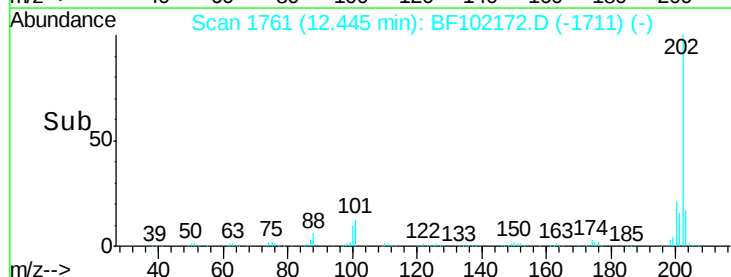
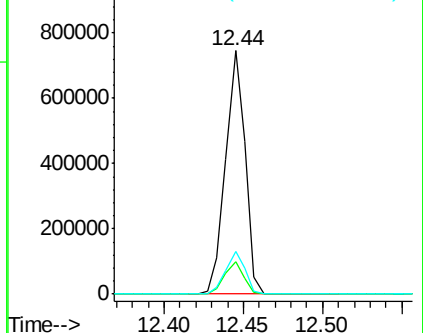
203 17.4 0.0 38.1

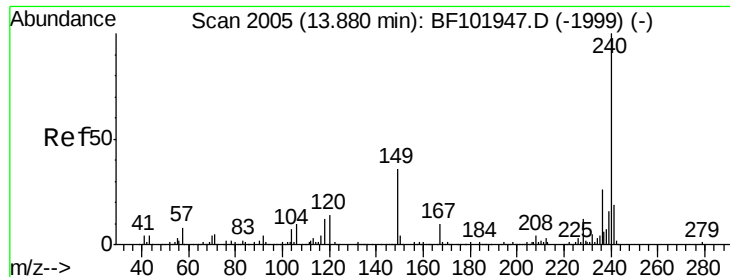


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

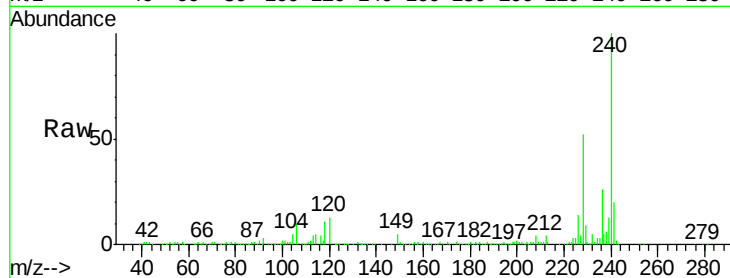
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 217370

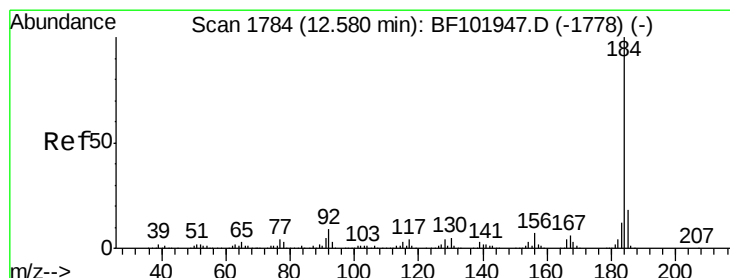
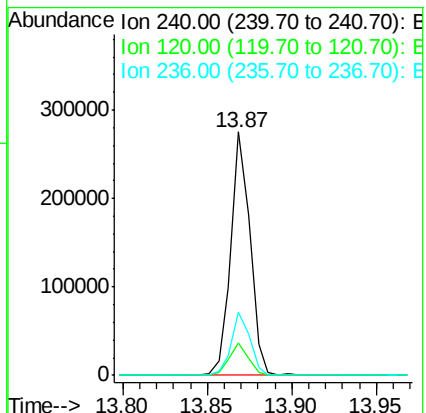
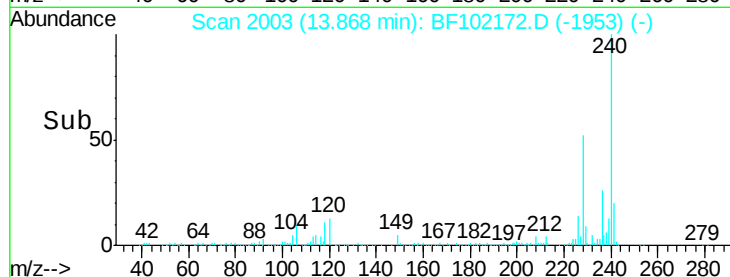
Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.9	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.600 ng

RT: 12.57 min Scan# 1783

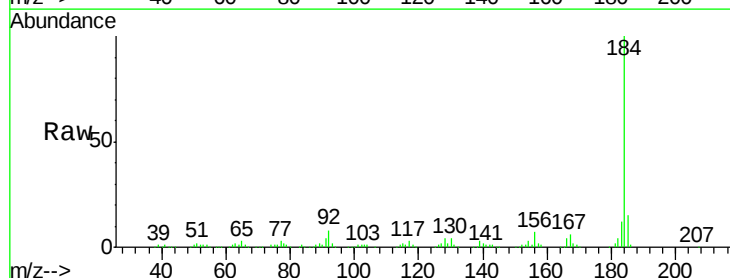
Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Tgt Ion:184 Resp: 289700

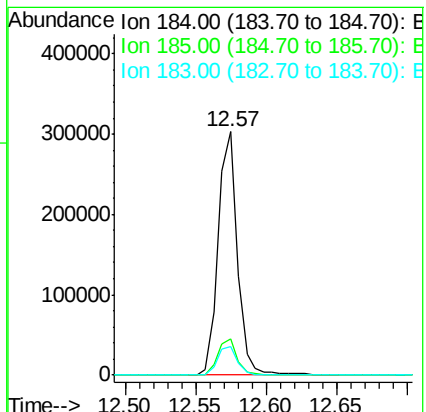
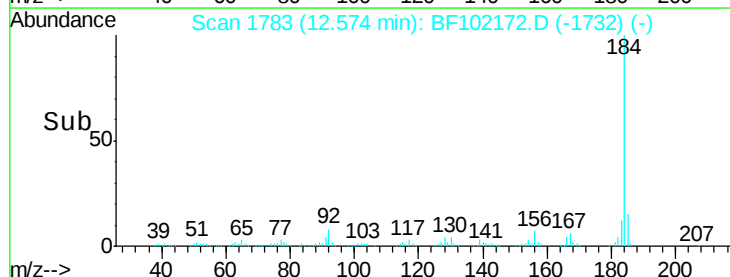
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.6	9.3	13.9

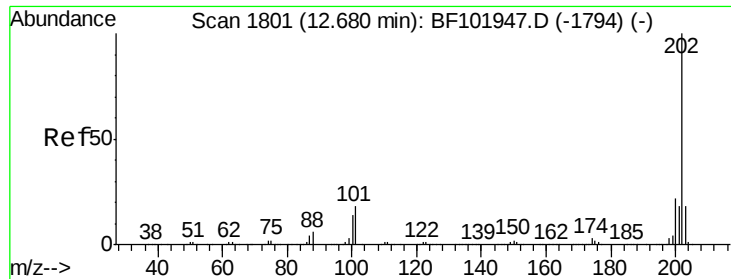


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

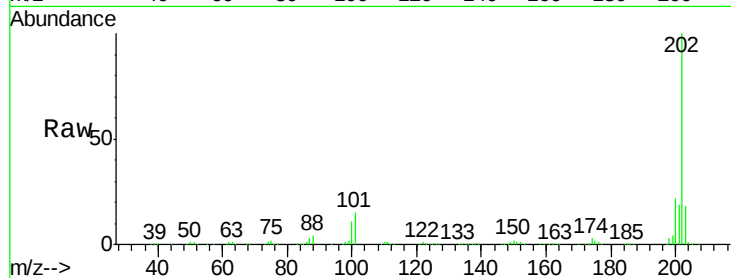




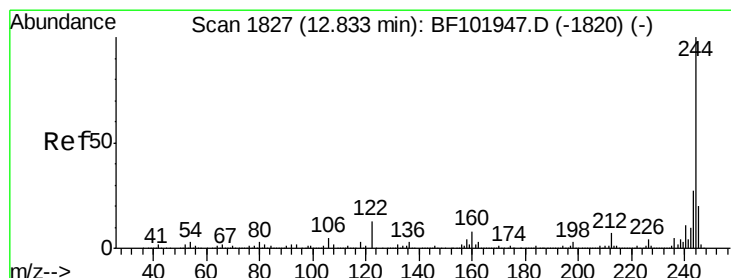
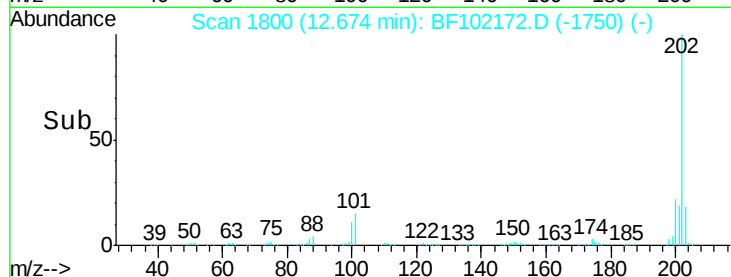
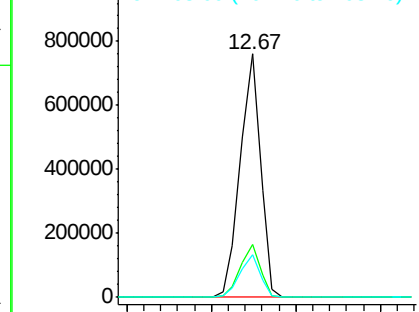
#77
Pvrene
Concen: 33.279 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.7	14.3	21.5

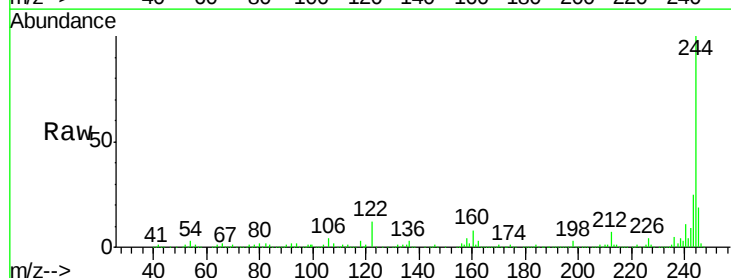


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

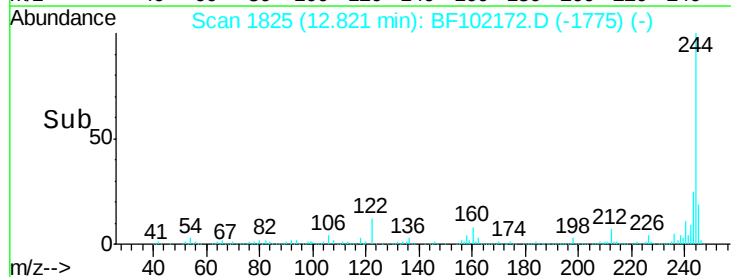
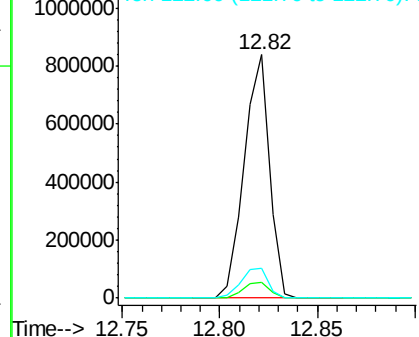


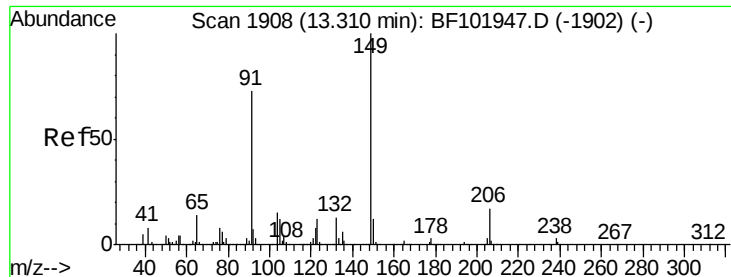
#78
Terphenyl-d14
Concen: 72.109 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4



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

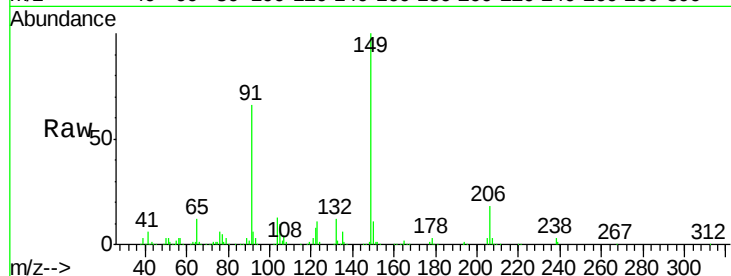




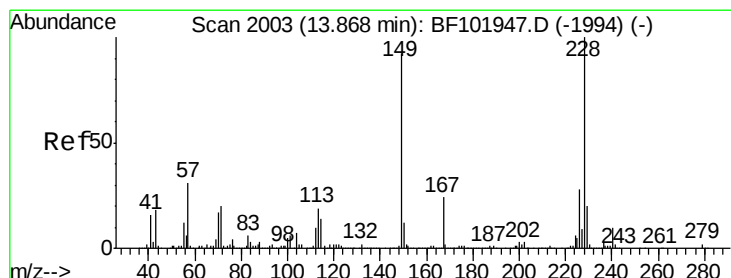
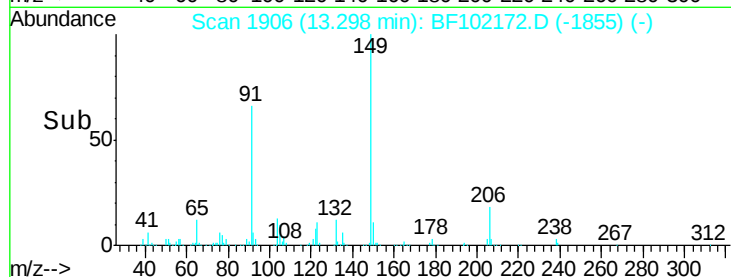
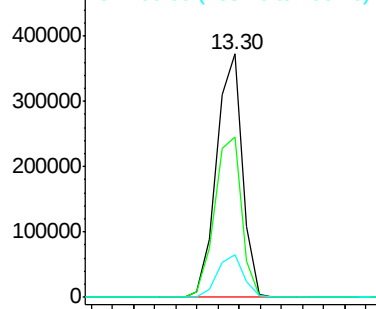
#79
Butylbenzylphthalate
Concen: 35.835 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	56.8	85.2
206	17.7	14.1	21.1

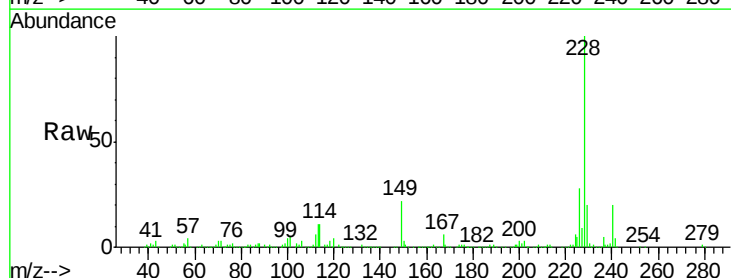


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

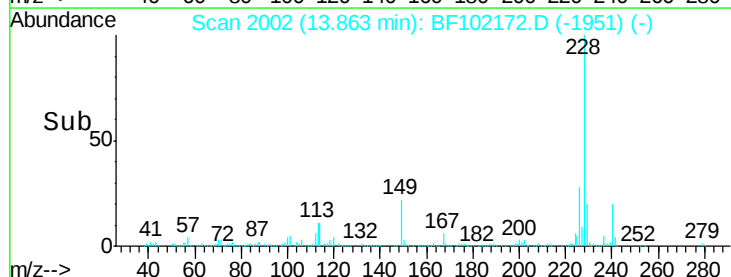
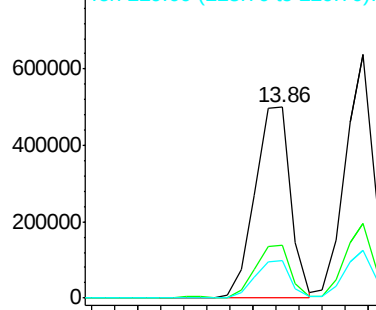


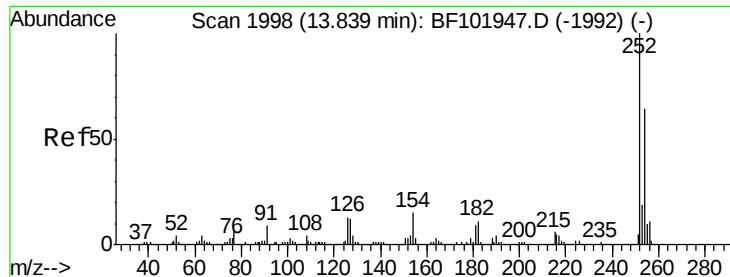
#80
Benzo(a)anthracene
Concen: 38.415 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 39.797 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

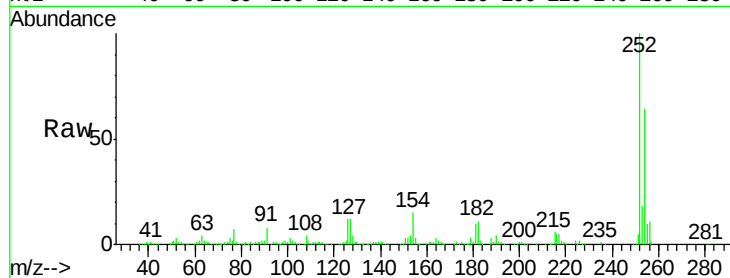
Tot Ion:252 Resp: 204362

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

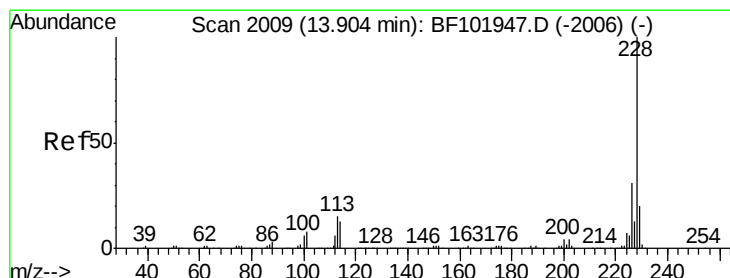
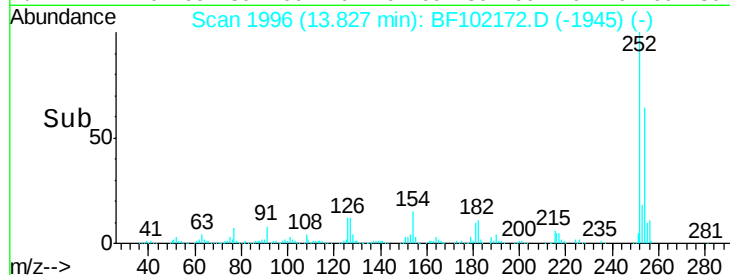
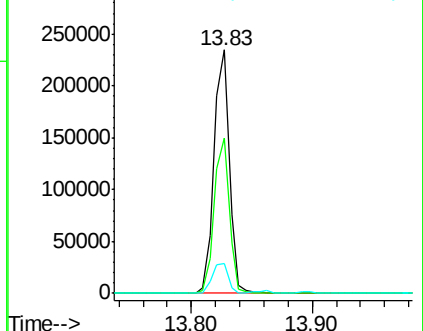
126 12.1 11.3 16.9



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: 37.714 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

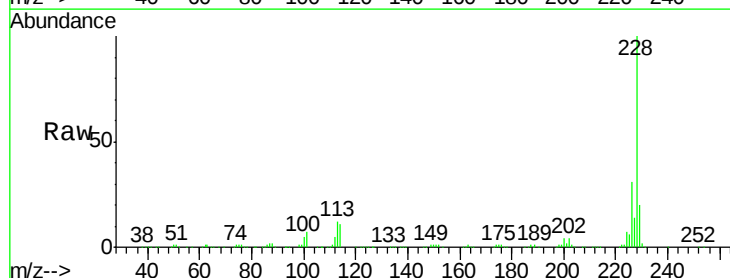
Tgt Ion:228 Resp: 545390

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

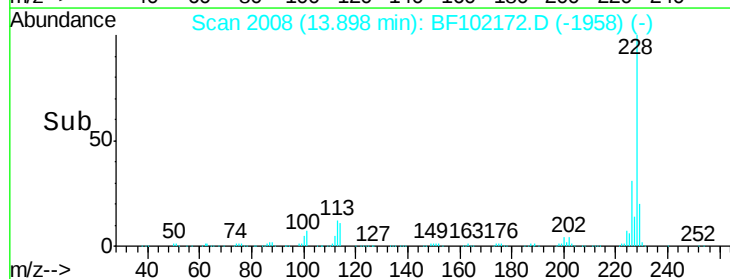
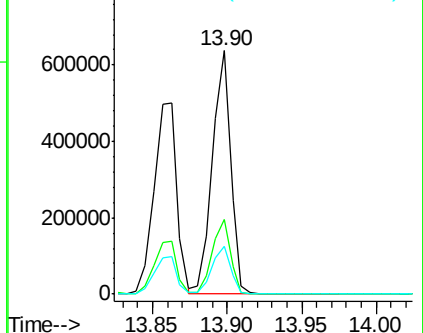
229 19.6 16.2 24.4

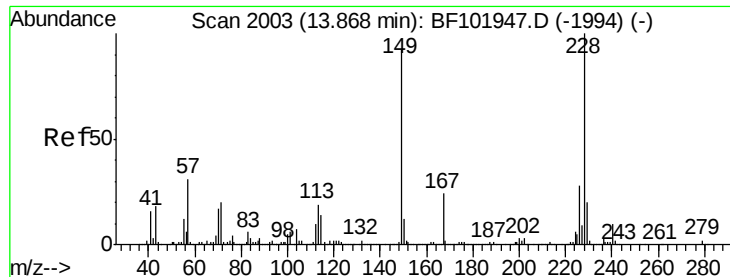


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

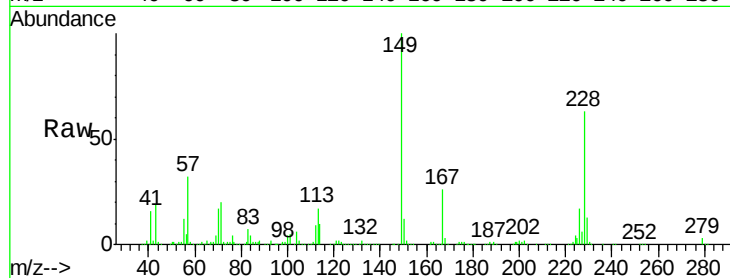




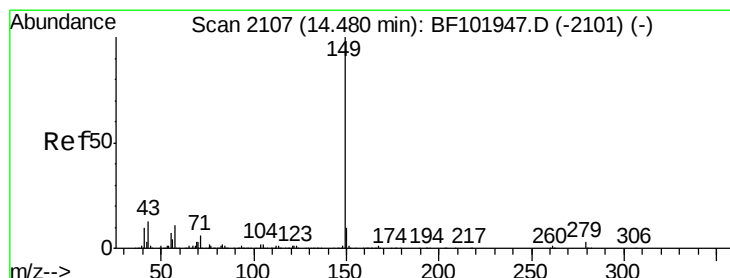
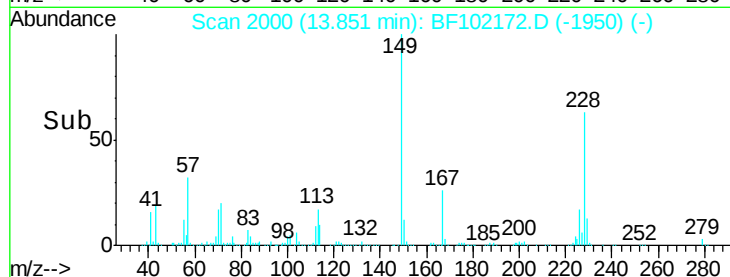
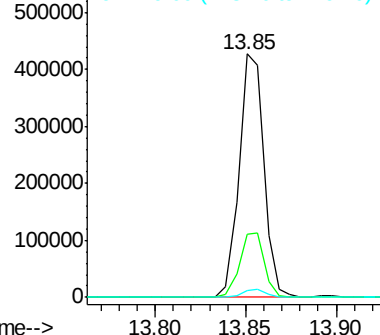
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.307 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 407729
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.6 3.0 4.4#

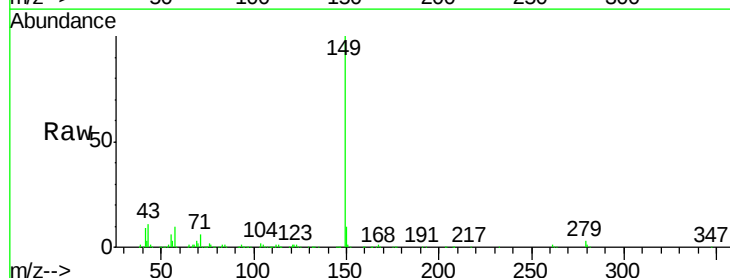


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

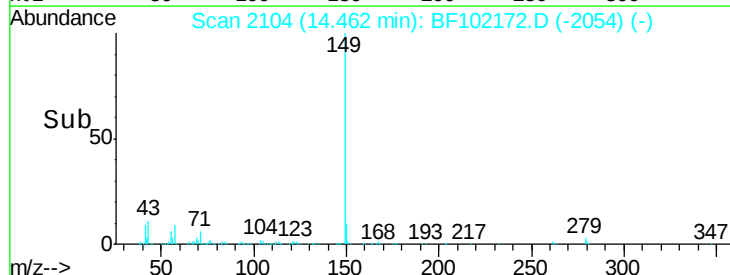
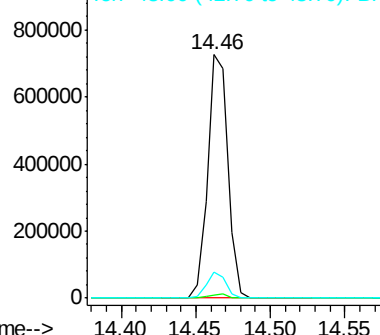


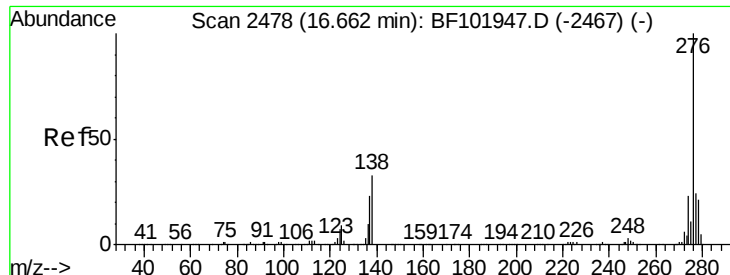
#84
 Di-n-octyl phthalate
 Concen: 41.245 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion:149 Resp: 692330
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.4 12.6



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

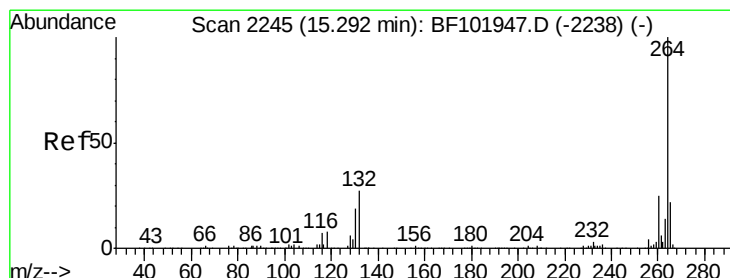
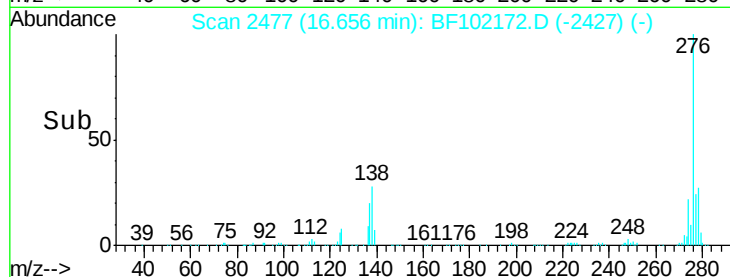
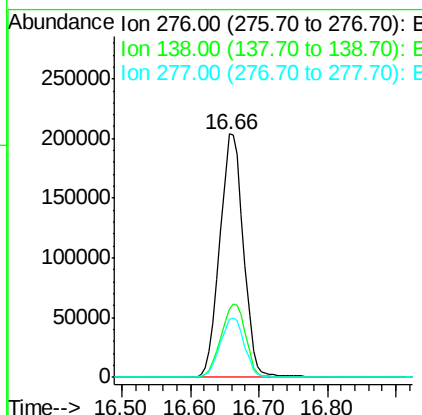
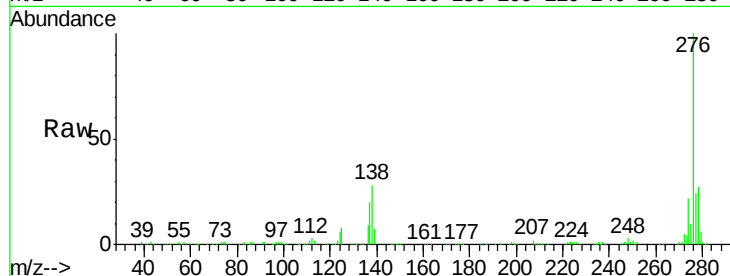




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.430 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

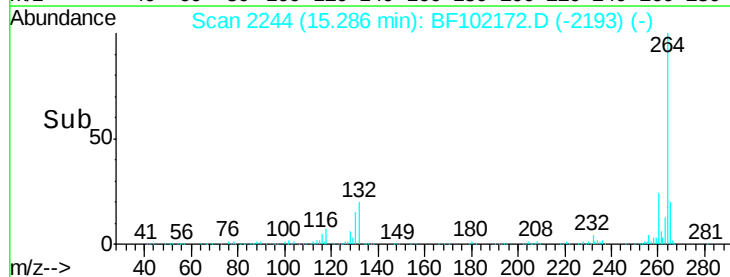
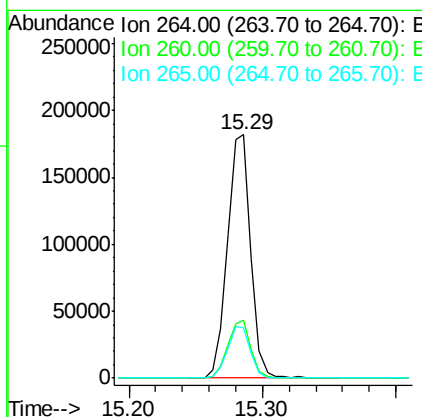
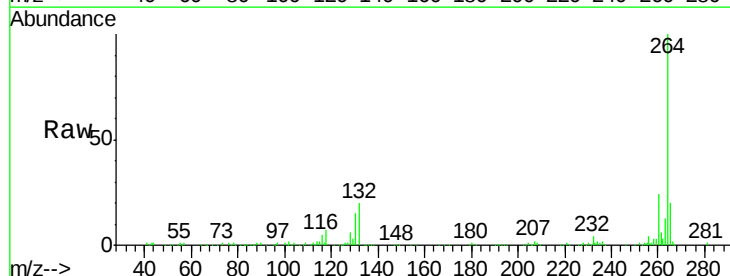
Instrument :
 BNA_F
 ClientSampleId :

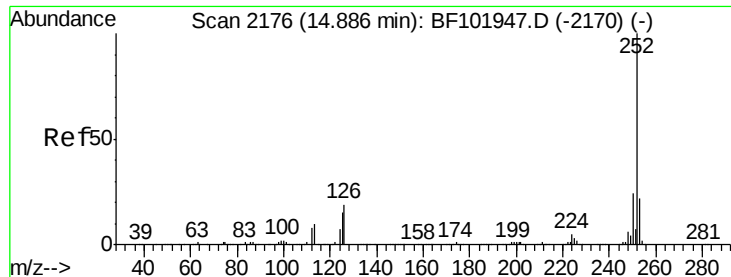
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102172.D
 Acq: 18 Jan 2018 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.4	17.5	26.3

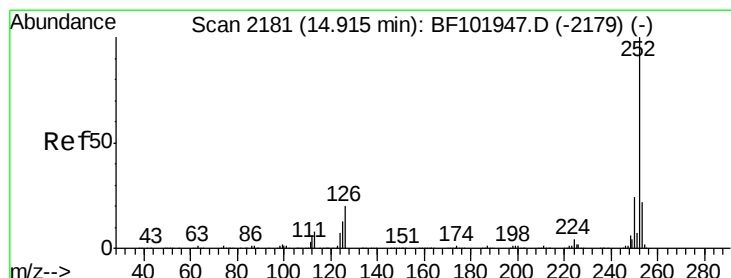
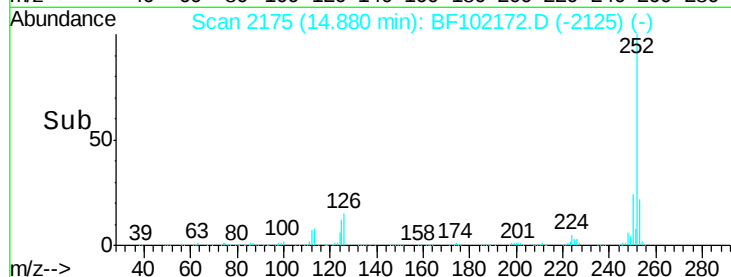
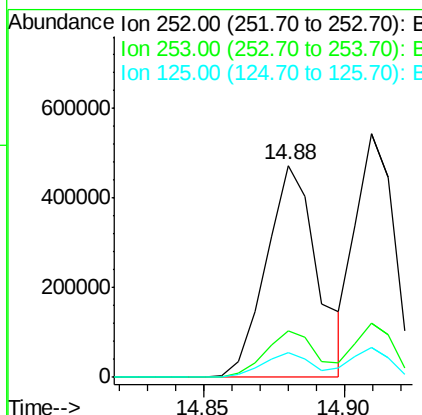
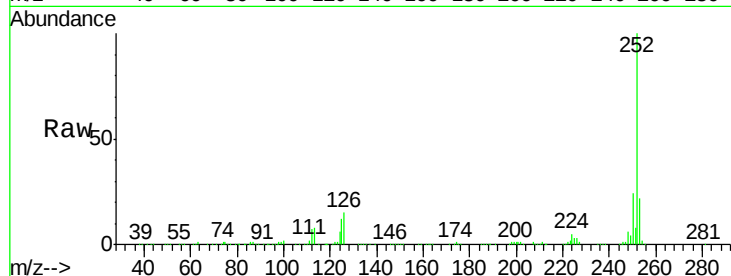




#87
Benzo(b)fluoranthene
Concen: 41.065 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

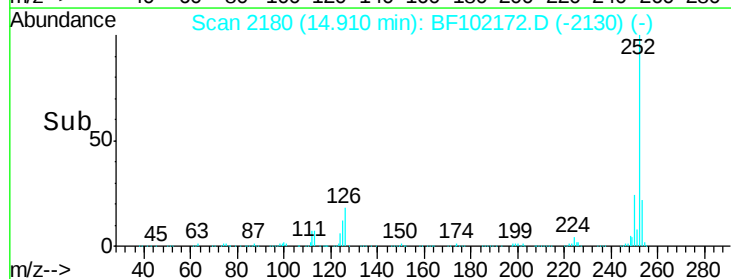
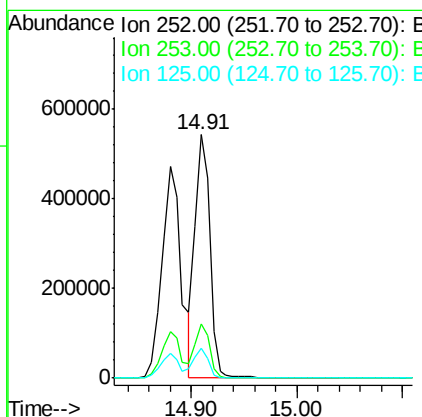
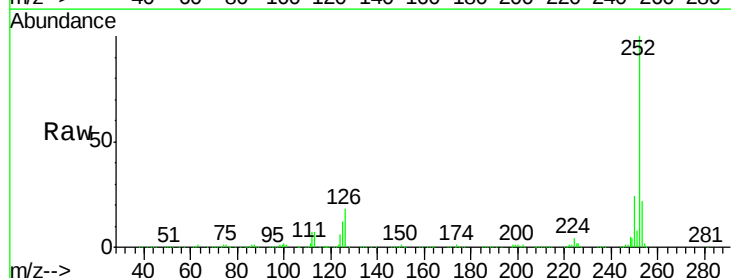
Instrument :
BNA_F
ClientSampleId :

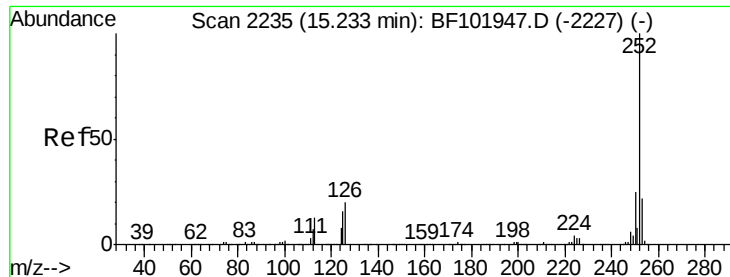
Tot Ion:252 Resp: 595841
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.157 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102172.D
Acq: 18 Jan 2018 2:08

Tgt Ion:252 Resp: 520093
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.290 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

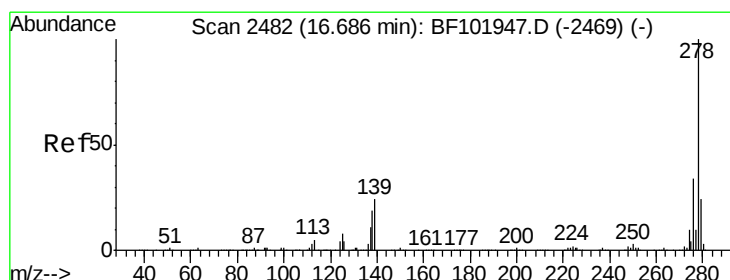
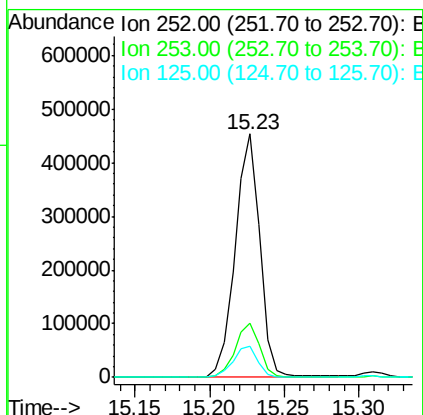
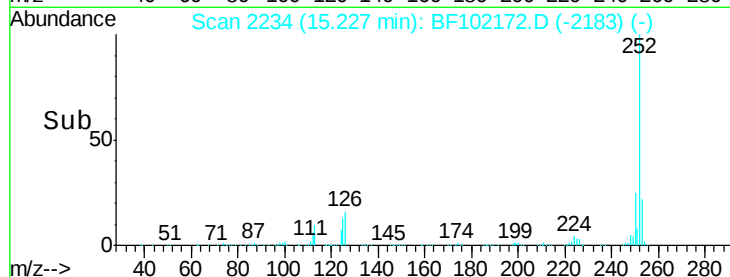
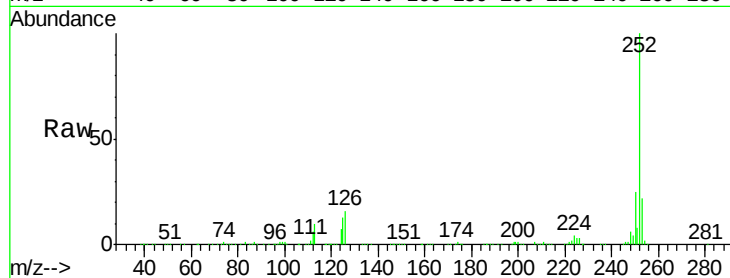
Tot Ion:252 Resp: 526047

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 12.8 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 39.106 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

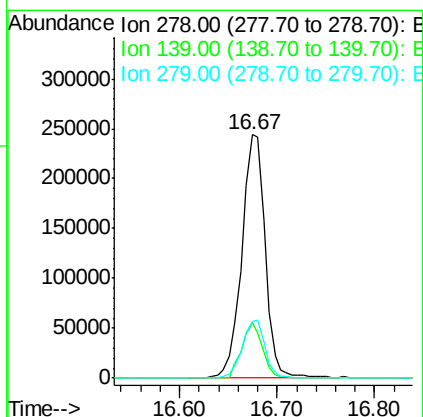
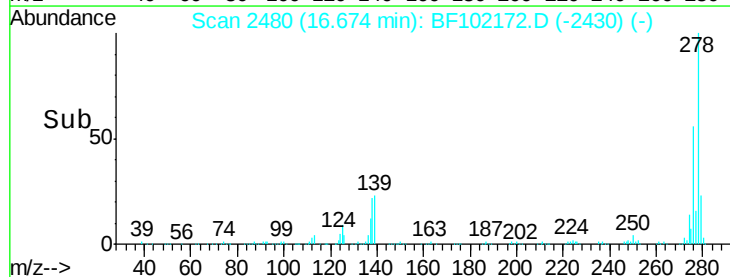
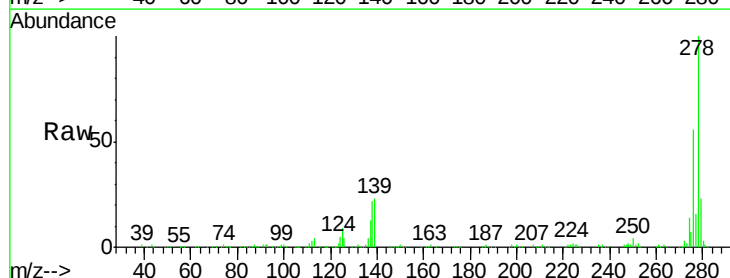
Tgt Ion:278 Resp: 407468

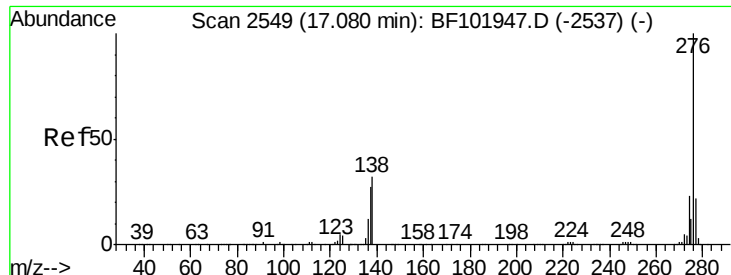
Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.423 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF102172.D

Acq: 18 Jan 2018 2:08

Instrument :

BNA_F

ClientSampleId :

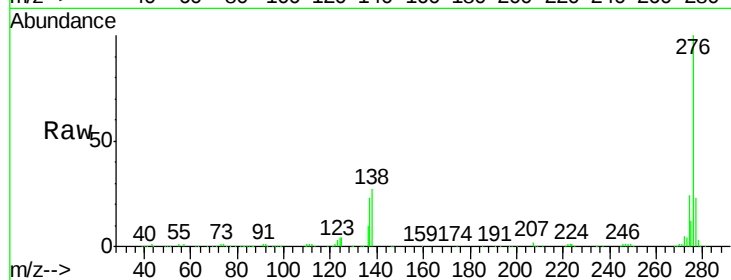
Tot Ion: 276 Resp: 371798

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 26.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

