

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102078.D
 Acq On : 15 Jan 2018 22:13
 Operator : SJ/JU
 Sample : PB105648BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:47:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	197057	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	798891	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	322006	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	467173	20.00	ng	0.00
75) Chrysene-d12	13.87	240	314893	20.00	ng	-0.01
86) Perylene-d12	15.28	264	324909	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	946133	67.80	ng	0.01
7) Phenol-d6	6.36	99	1133292	68.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	1140820	83.92	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	220915	78.61	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1809872	87.81	ng	0.00
78) Terphenyl-d14	12.82	244	1094368	72.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	196470	28.211	ng	96
3) Pyridine	3.18	79	558215	29.351	ng	94
4) n-Nitrosodimethylamine	3.15	42	261258	32.804	ng	98
6) Aniline	6.39	93	255442	10.886	ng	98
8) 2-Chlorophenol	6.51	128	508988	36.367	ng	96
9) Benzaldehyde	6.27	77	79780	6.901	ng	95
10) Phenol	6.37	94	580331	30.842	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	452436	31.591	ng	97
12) 1,3-Dichlorobenzene	6.66	146	580399	35.974	ng	99
13) 1,4-Dichlorobenzene	6.74	146	590240	36.662	ng	99
14) 1,2-Dichlorobenzene	6.89	146	540279	36.257	ng	99
15) Benzyl Alcohol	6.87	79	438272	35.986	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	907400	34.370	ng	98
17) 2-Methylphenol	6.98	107	450998	35.720	ng	98
18) Hexachloroethane	7.23	117	203029	35.812	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	364678	33.422	ng	99
20) 3+4-Methylphenols	7.13	107	509284	33.595	ng	# 69
22) Acetophenone	7.13	105	720784	37.446	ng	# 87
24) Nitrobenzene	7.31	77	561598	38.443	ng	96
25) Isophorone	7.55	82	1028989	38.306	ng	100
26) 2-Nitrophenol	7.62	139	296955	48.567	ng	99
27) 2,4-Dimethylphenol	7.66	122	470903	41.238	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	649208	40.026	ng	99
29) 2,4-Dichlorophenol	7.86	162	433999	40.027	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	428715	37.801	ng	99
31) Naphthalene	8.03	128	1489469	37.312	ng	100
32) Benzoic acid	7.78	122	278009	32.107	ng	97
33) 4-Chloroaniline	8.07	127	98763	5.797	ng	98
34) Hexachlorobutadiene	8.14	225	225864	37.623	ng	98
35) Caprolactam	8.46	113	143215	38.475	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	461692	38.900	ng	96
37) 2-Methylnaphthalene	8.72	142	995709	37.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	388737	42.672	ng	100
40) Hexachlorocyclopentadiene	8.87	237	149795	30.067	ng	97

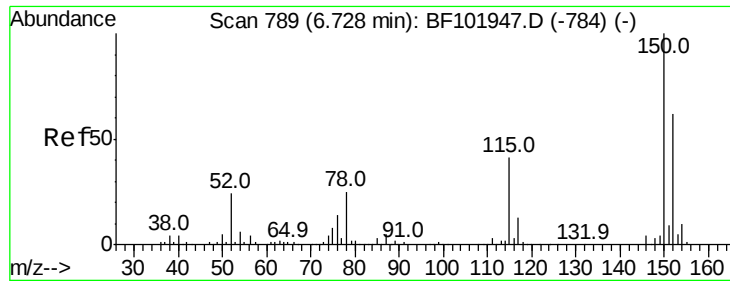
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	274472	43.722	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	271832	38.312	ng	98
45) 1,1'-Biphenyl	9.19	154	1119812	39.344	ng	98
46) 2-Chloronaphthalene	9.21	162	856143	38.790	ng	97
47) 2-Nitroaniline	9.30	65	282347	42.707	ng	93
48) Acenaphthylene	9.62	152	1272657	36.334	ng	99
49) Dimethylphthalate	9.49	163	1007200	38.991	ng	100
50) 2,6-Dinitrotoluene	9.55	165	221354	42.899	ng	89
51) Acenaphthene	9.79	154	747878	35.178	ng	98
52) 3-Nitroaniline	9.71	138	118657	18.221	ng	99
53) 2,4-Dinitrophenol	9.82	184	74708	42.444	ng	# 19
54) Dibenzofuran	9.96	168	1105953	37.905	ng	98
55) 4-Nitrophenol	9.88	139	343708	70.824	ng	96
56) 2,4-Dinitrotoluene	9.95	165	267524	41.366	ng	97
57) Fluorene	10.30	166	786565	38.997	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	199320	39.459	ng	99
59) Diethylphthalate	10.19	149	950722	37.000	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	351210	40.892	ng	97
61) 4-Nitroaniline	10.33	138	193214	31.263	ng	90
62) Azobenzene	10.46	77	903603	35.345	ng	98
64) 4,6-Dinitro-2-methylphenol	10.35	198	59016	26.178	ng	98
65) n-Nitrosodiphenylamine	10.42	169	742709	42.456	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	218437	44.276	ng	96
67) Hexachlorobenzene	10.85	284	213235	39.591	ng	# 89
68) Atrazine	10.94	200	229220	45.340	ng	98
69) Pentachlorophenol	11.04	266	212370	64.663	ng	99
70) Phenanthrene	11.26	178	1022014	37.451	ng	99
71) Anthracene	11.32	178	1054255	38.092	ng	99
72) Carbazole	11.47	167	944904	34.735	ng	98
73) Di-n-butylphthalate	11.80	149	1329426	39.834	ng	99
74) Fluoranthene	12.44	202	897652	33.434	ng	99
76) Benzidine	12.57	184	242273	15.933	ng	99
77) Pyrene	12.67	202	912353	32.778	ng	99
79) Butylbenzylphthalate	13.30	149	454113	35.550	ng	98
80) Benzo(a)anthracene	13.86	228	743468	37.005	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	237548	31.933	ng	98
82) Chrysene	13.90	228	749717	35.787	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	533307	36.394	ng	# 100
84) Di-n-octyl phthalate	14.47	149	1079531	44.395	ng	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	690372	45.277	ng	97
87) Benzo(b)fluoranthene	14.91	252	775712	36.616	ng	98
88) Benzo(k)fluoranthene	14.91	252	775712	37.957	ng	99
89) Benzo(a)pyrene	15.23	252	732740	38.436	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	576888	37.920	ng	97
91) Benzo(g,h,i)perylene	17.07	276	553211	36.099	ng	99

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

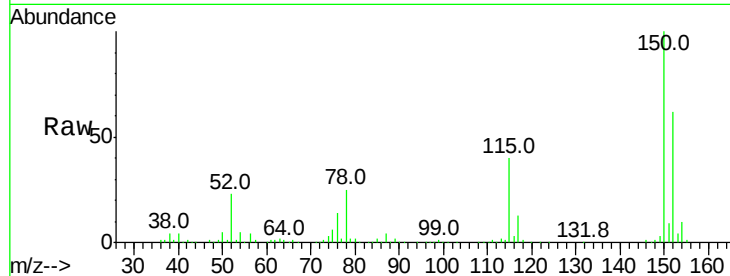


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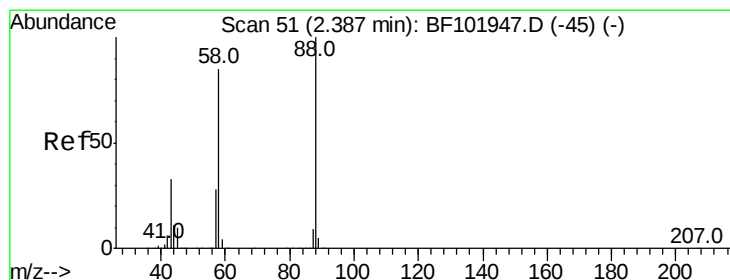
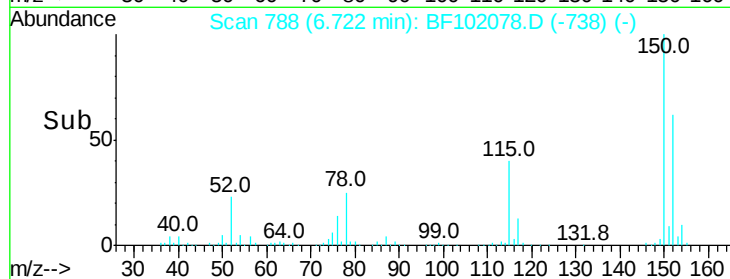
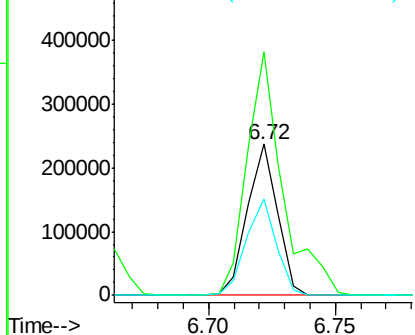
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197057
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 63.8 50.1 75.1



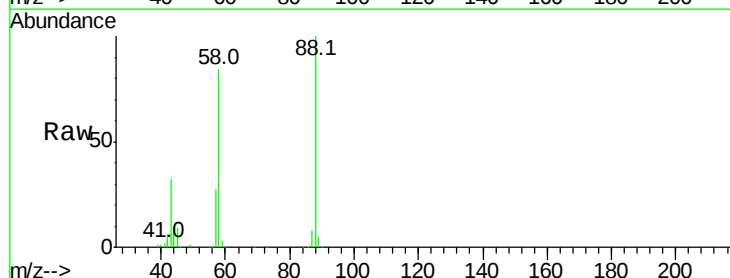
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



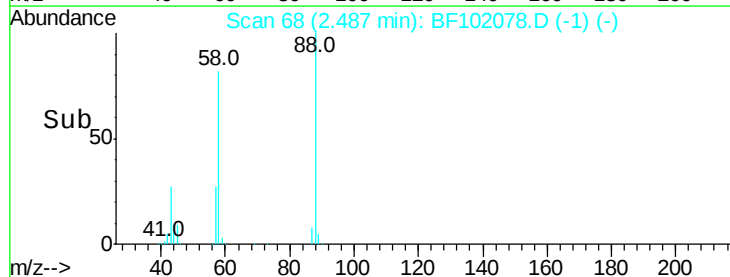
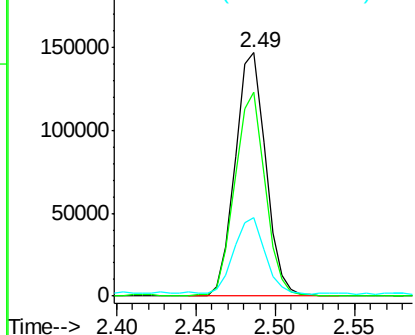
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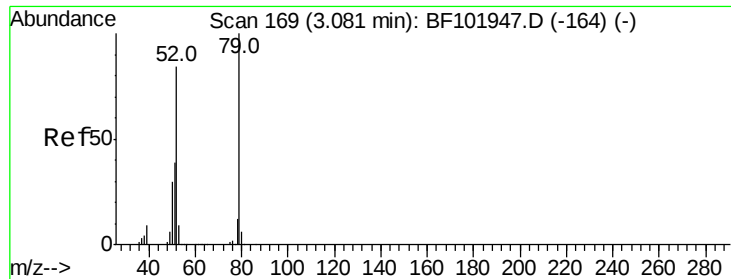
1,4-Dioxane
Concen: 28.211 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.09 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion: 88 Resp: 196470
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 31.9 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: 29.351 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

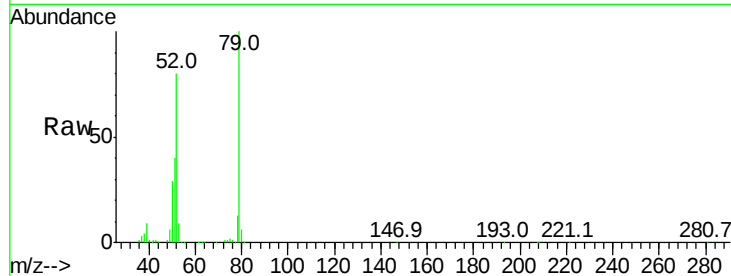
Tot Ion: 79 Resp: 558215

Ion Ratio Lower Upper

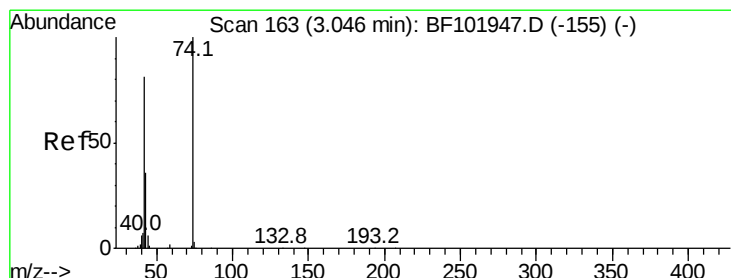
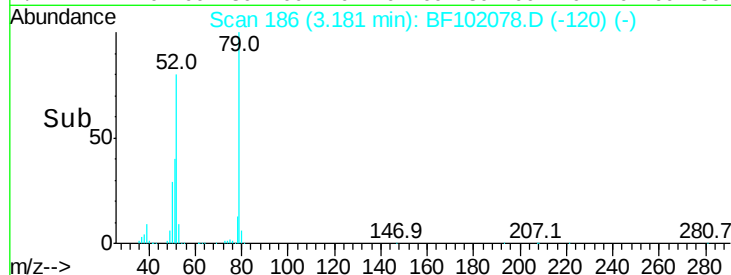
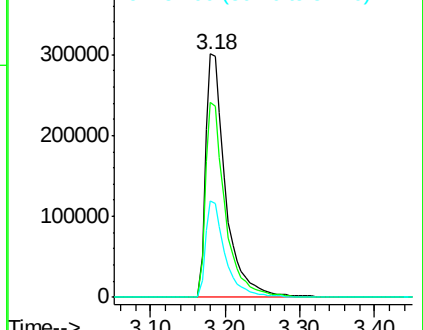
79 100

52 80.1 59.8 89.6

51 39.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.804 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.09 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

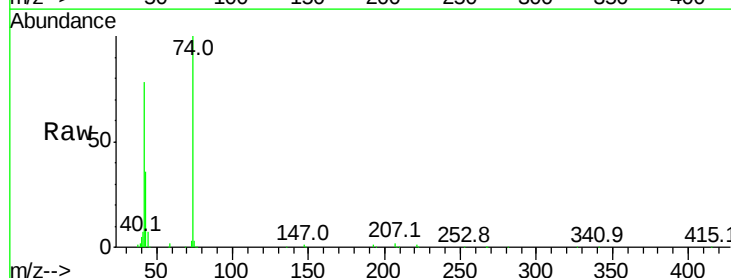
Tgt Ion: 42 Resp: 261258

Ion Ratio Lower Upper

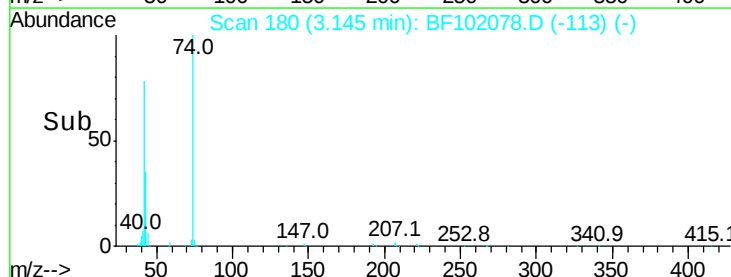
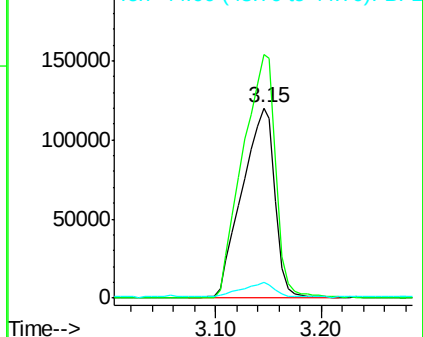
42 100

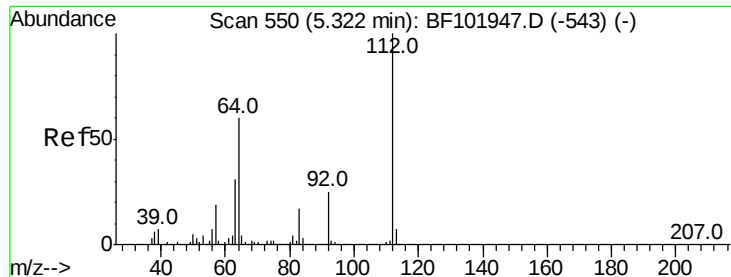
74 128.1 104.9 157.3

44 8.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 67.799 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

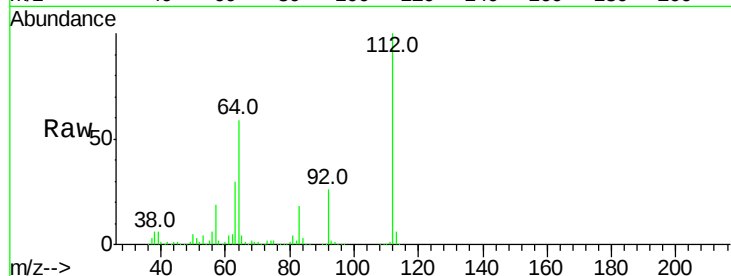
Tot Ion:112 Resp: 946133

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

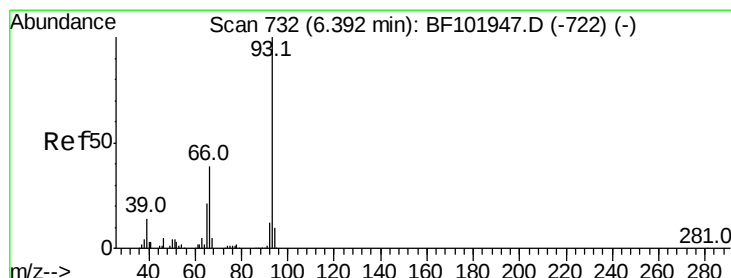
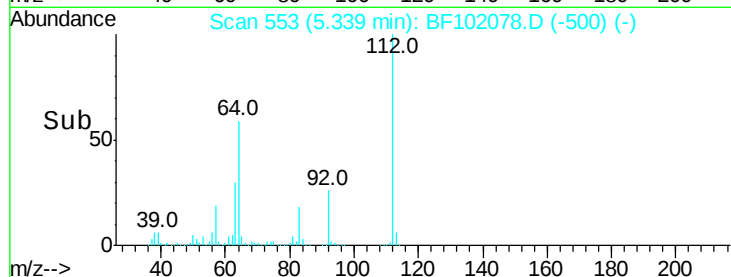
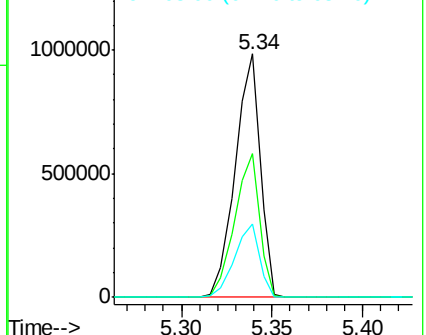
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.886 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

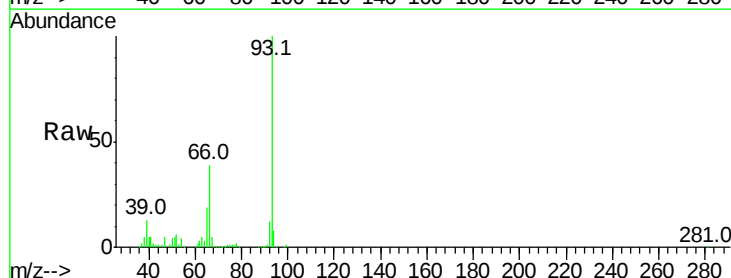
Tgt Ion: 93 Resp: 255442

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

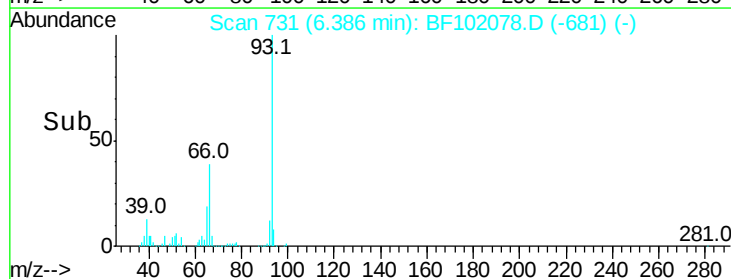
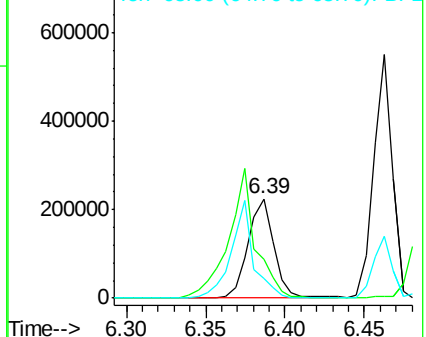
65 19.3 16.4 24.6

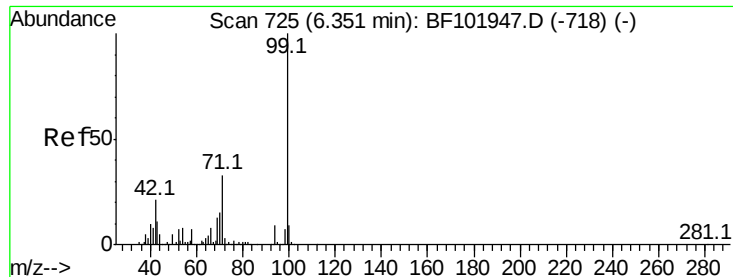


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.066 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

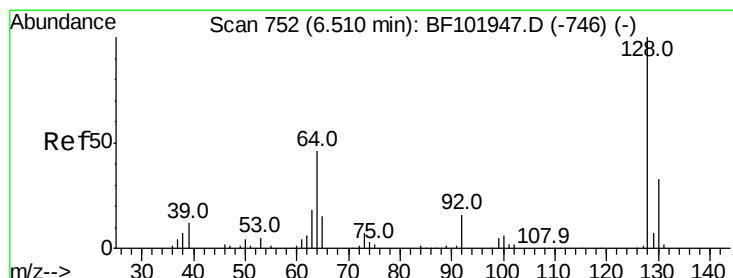
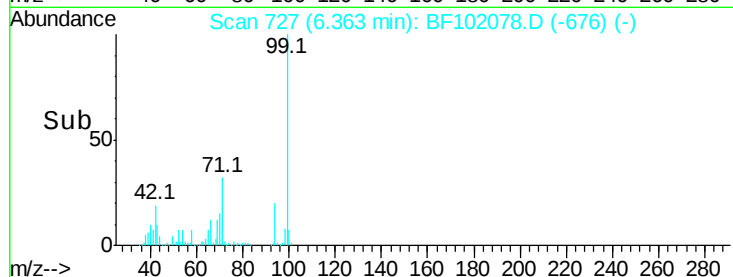
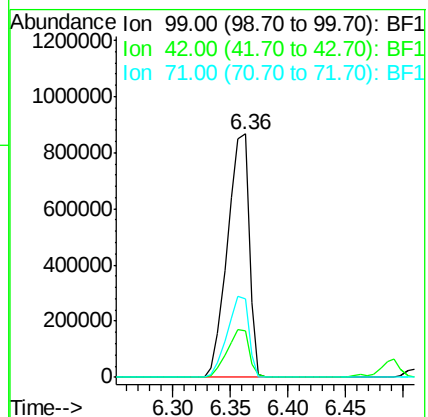
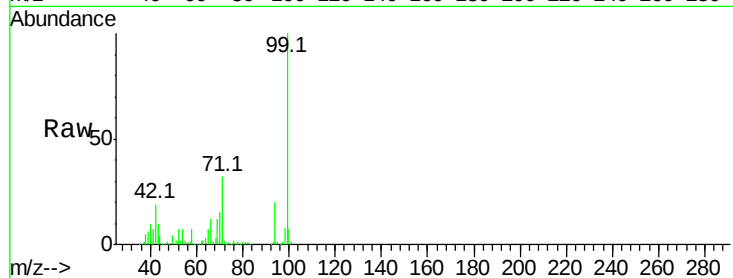
Tot Ion: 99 Resp: 1133292

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.3 25.4 38.0



#8

2-Chlorophenol

Concen: 36.367 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

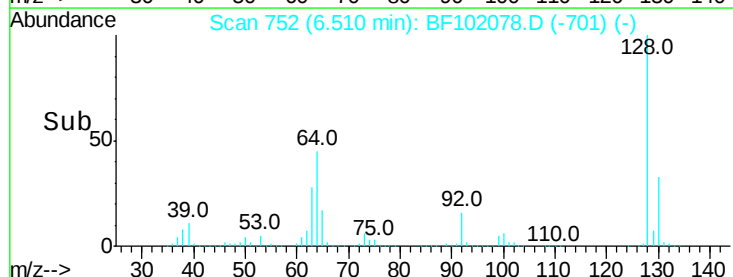
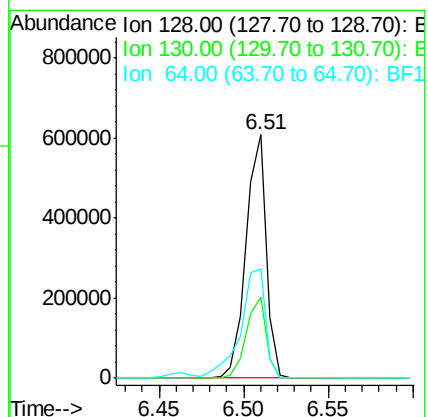
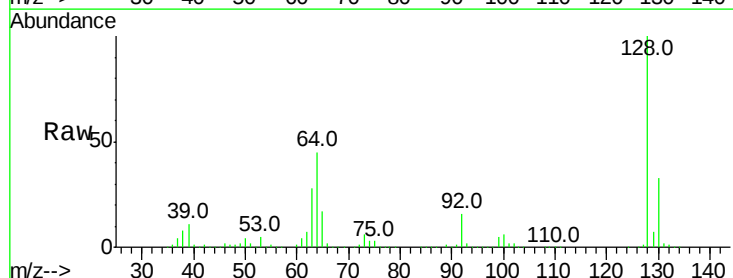
Tgt Ion: 128 Resp: 508988

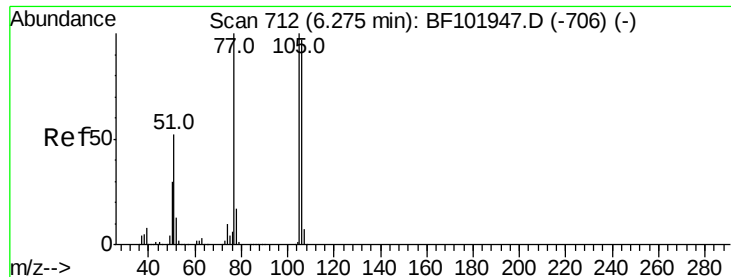
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 6.901 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

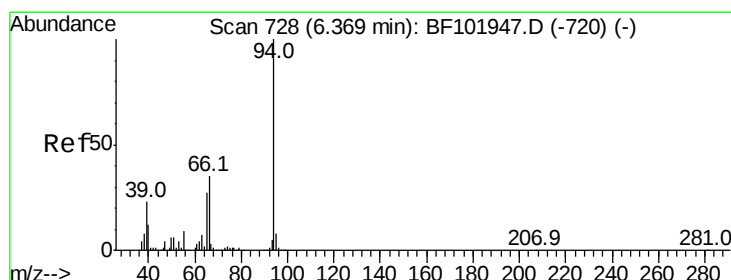
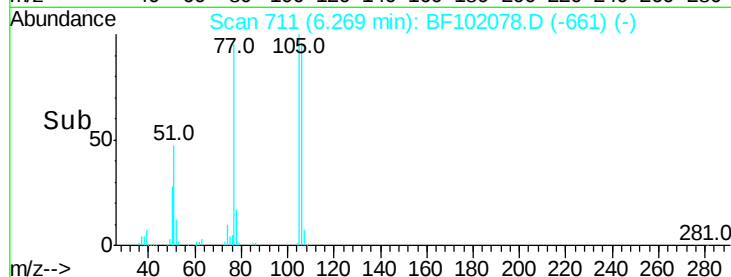
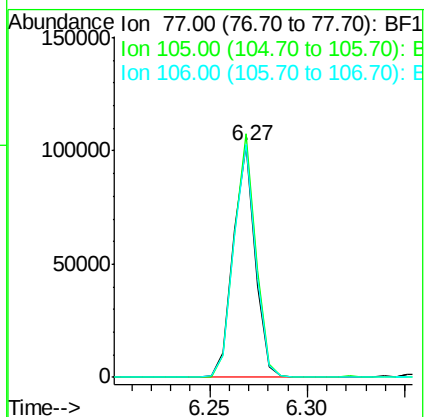
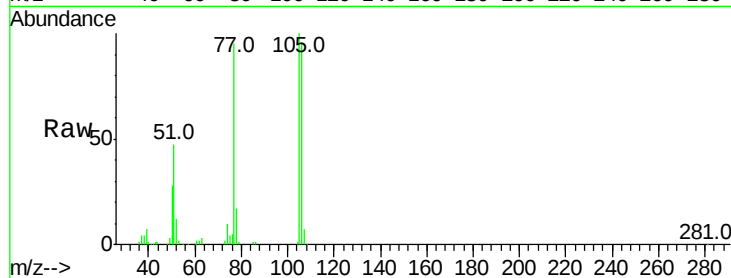
Tot Ion: 77 Resp: 79780

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

106 100.5 74.5 114.5



#10

Phenol

Concen: 30.842 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

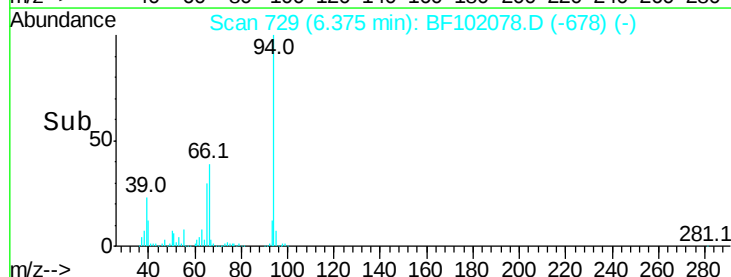
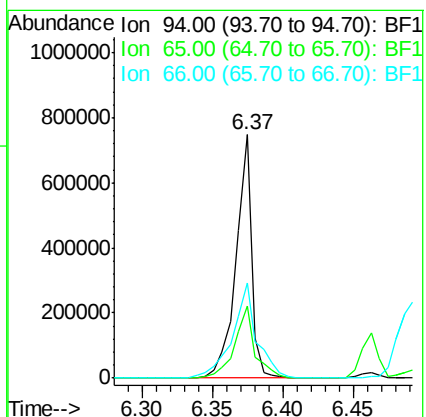
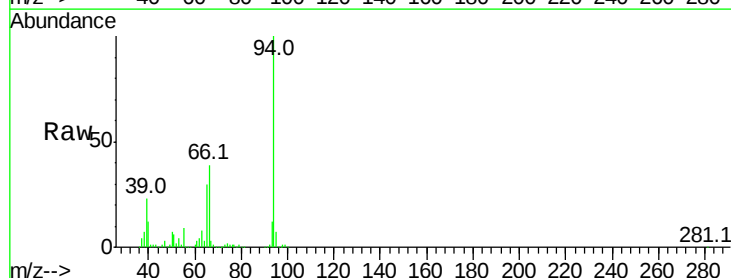
Tgt Ion: 94 Resp: 580331

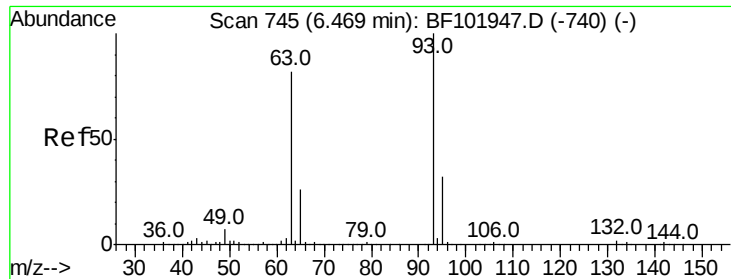
Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 39.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 31.591 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

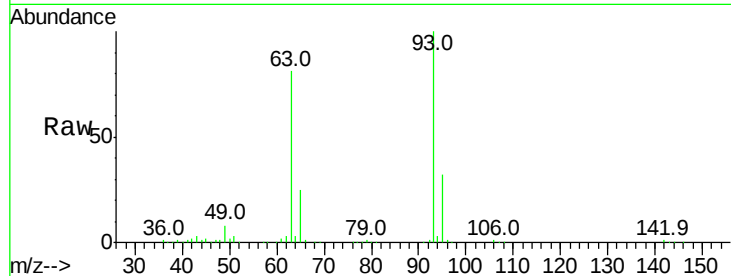
Tot Ion: 93 Resp: 452436

Ion Ratio Lower Upper

93 100

63 81.3 58.6 98.6

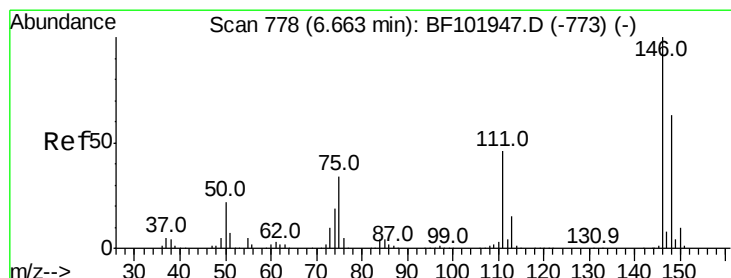
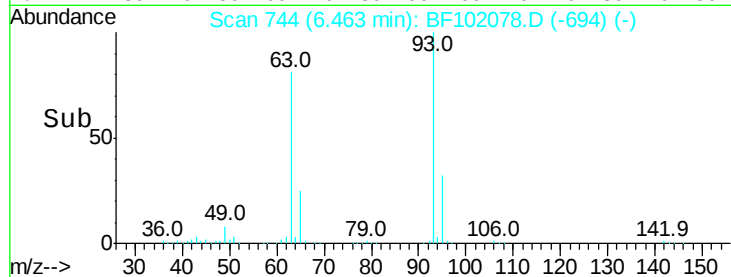
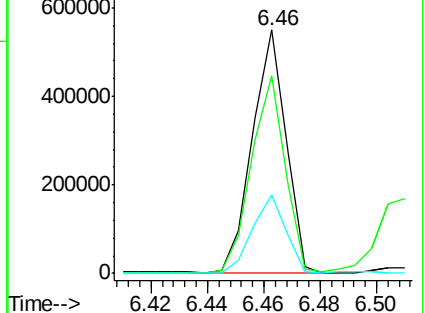
95 32.5 11.8 51.8



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: 35.974 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

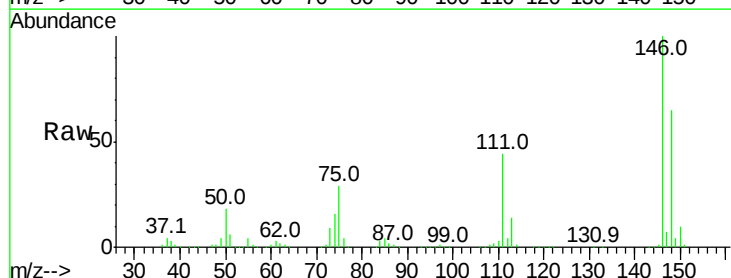
Tgt Ion: 146 Resp: 580399

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

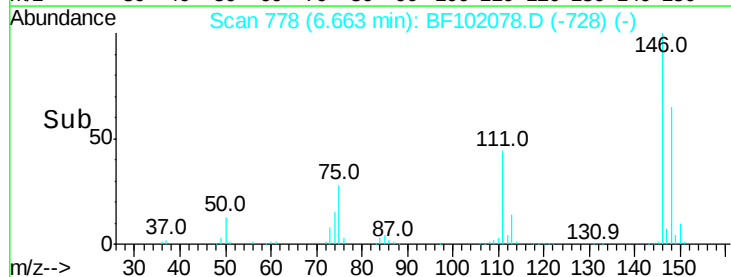
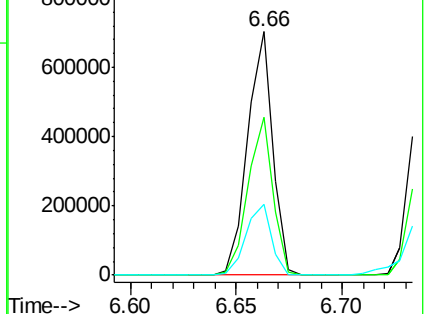
75 29.1 24.2 36.4

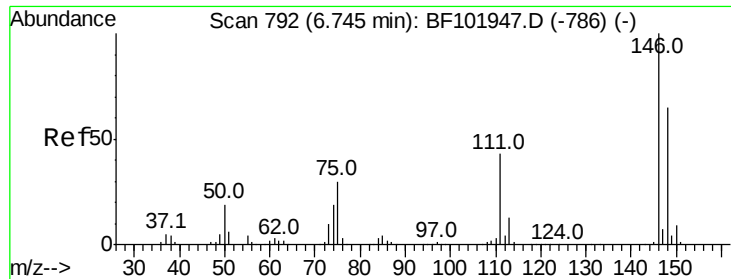


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

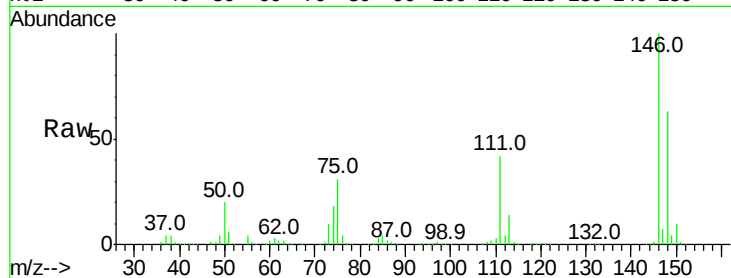




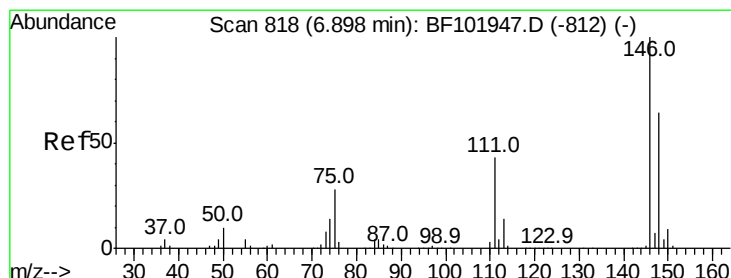
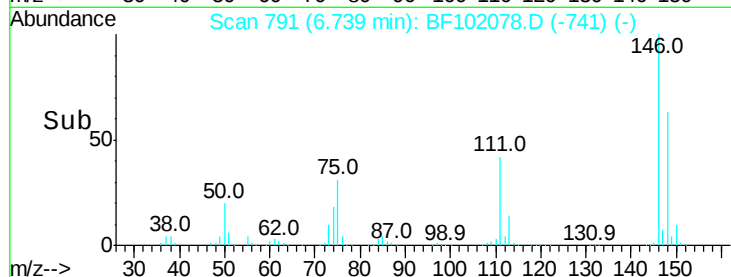
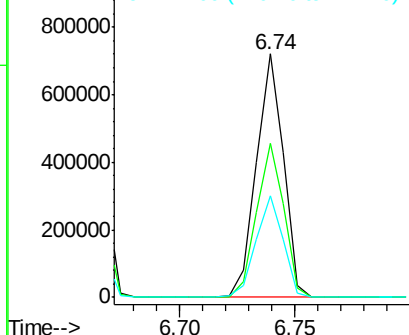
#13
 1,4-Dichlorobenzene
 Concen: 36.662 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 590240
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 41.9 34.2 51.2

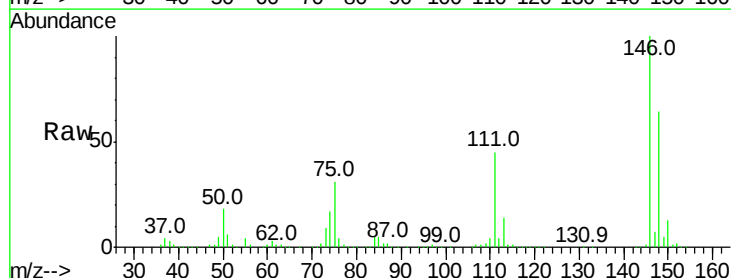


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

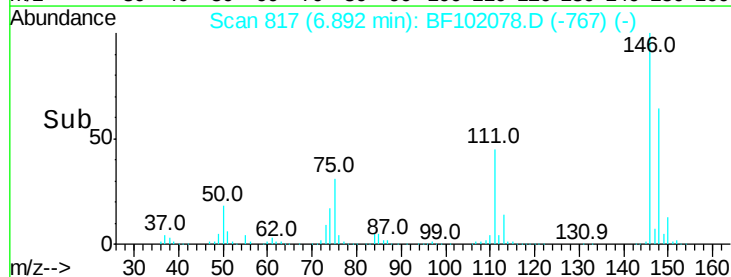
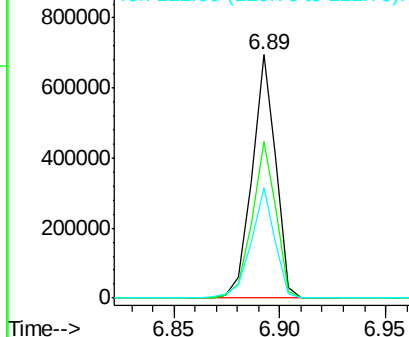


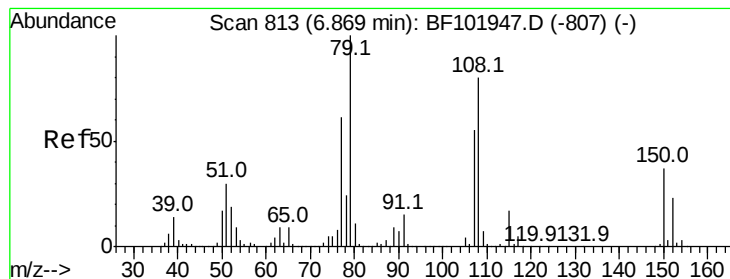
#14
 1,2-Dichlorobenzene
 Concen: 36.257 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:146 Resp: 540279
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 45.3 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: 35.986 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

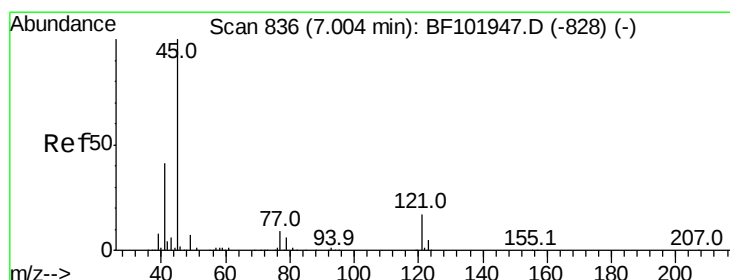
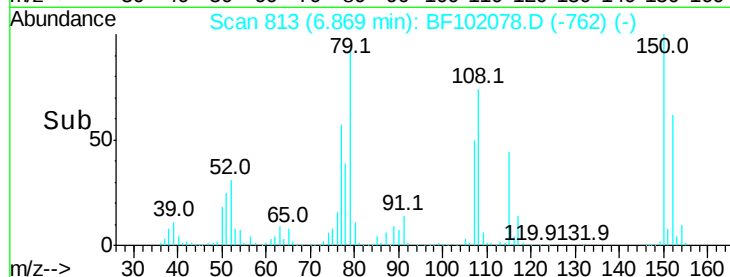
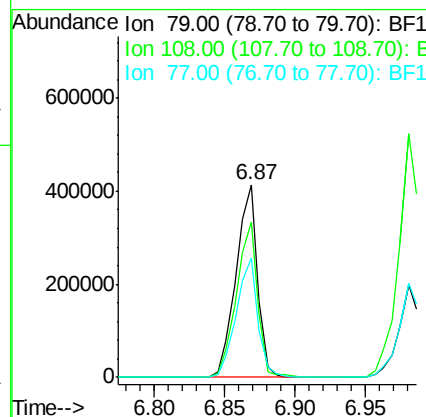
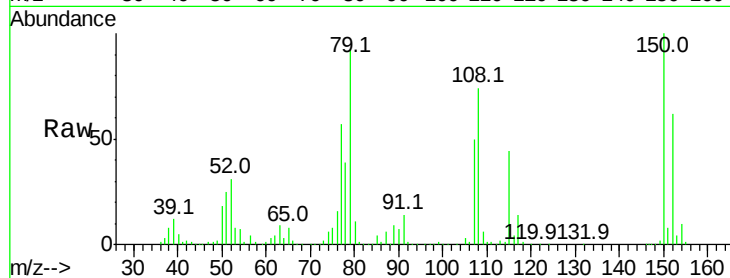
Tot Ion: 79 Resp: 438272

Ion Ratio Lower Upper

79 100

108 80.5 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.370 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

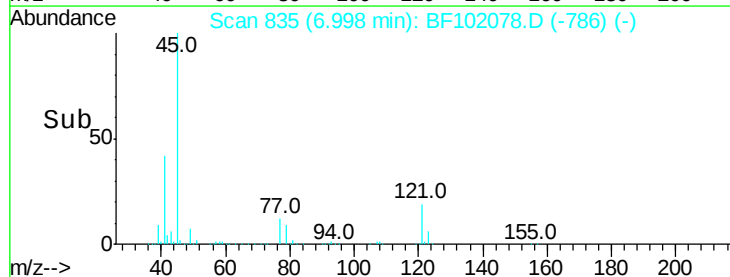
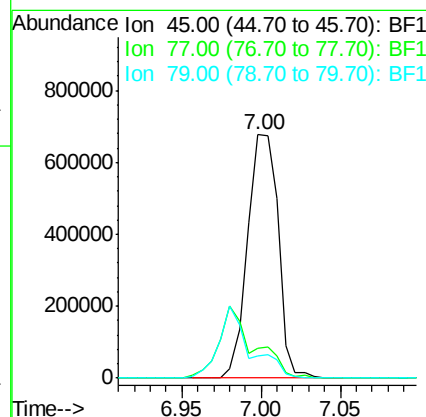
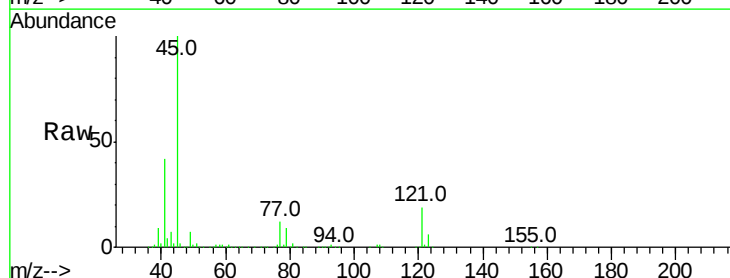
Tgt Ion: 45 Resp: 907400

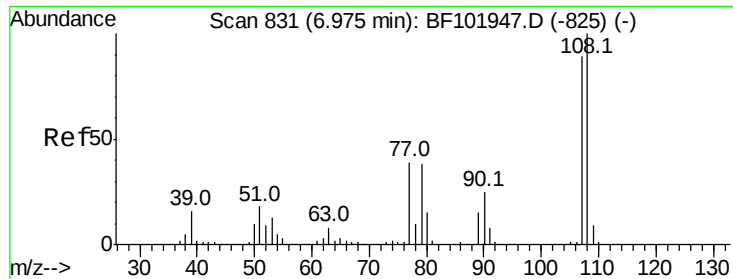
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.2 0.0 29.6

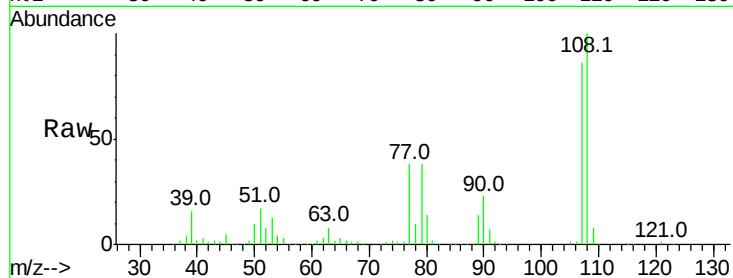




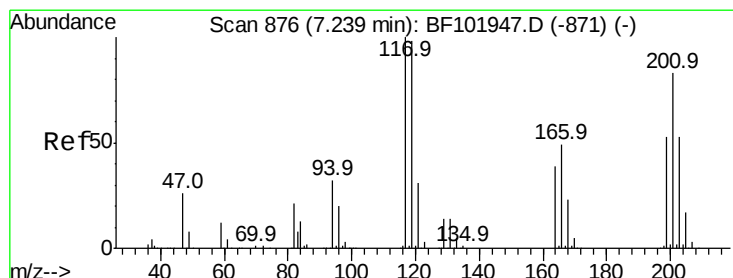
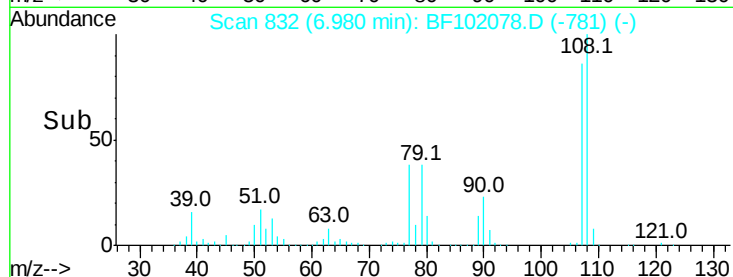
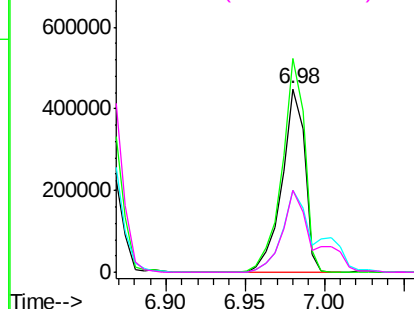
#17
2-Methylphenol
Concen: 35.720 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 450998
Ion Ratio Lower Upper
107 100
108 116.3 91.7 137.5
77 44.6 33.8 50.8
79 44.5 33.8 50.8

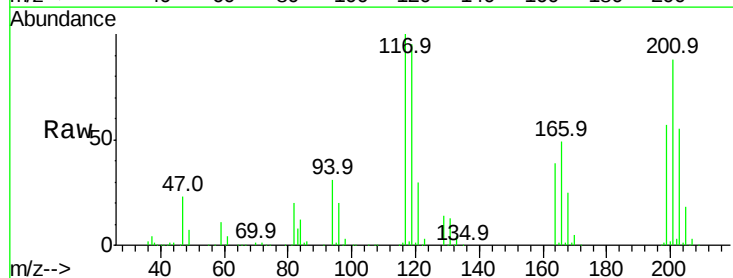


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

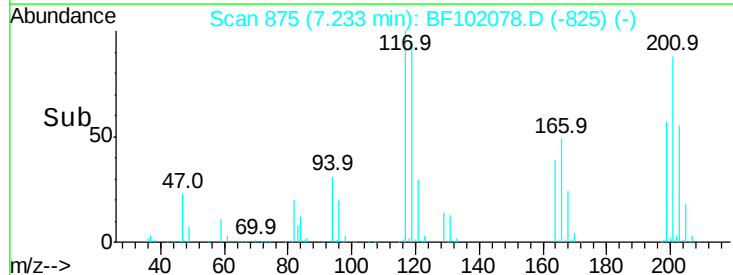
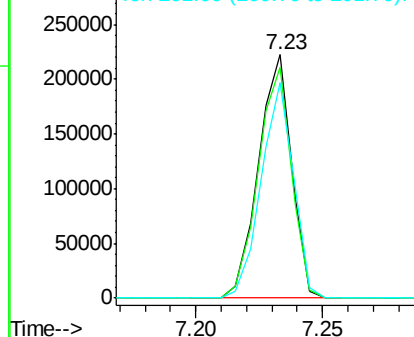


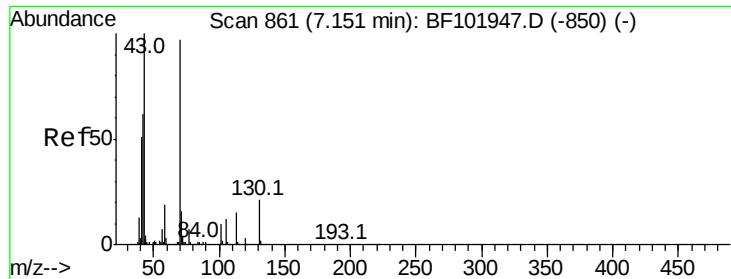
#18
Hexachloroethane
Concen: 35.812 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:117 Resp: 203029
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 88.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.422 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 364678

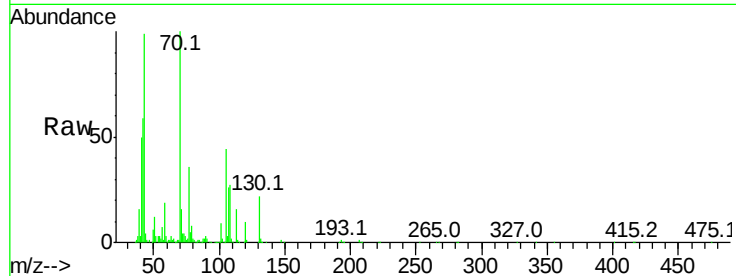
Ion Ratio Lower Upper

70 100

42 58.8 47.5 71.3

101 9.2 7.4 11.2

130 21.6 16.6 25.0

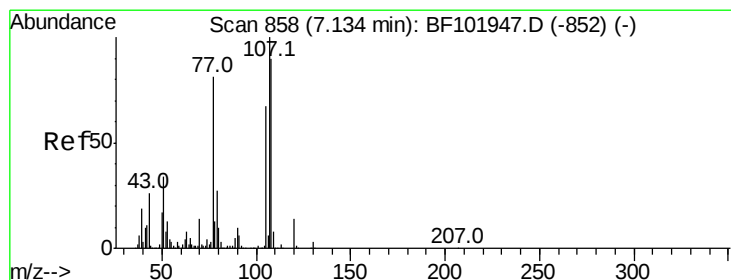
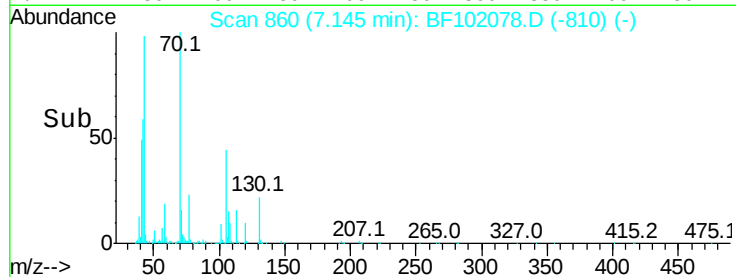
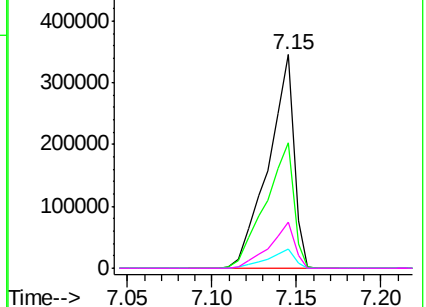


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#20

3+4-Methylphenols

Concen: 33.595 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion: 107 Resp: 509284

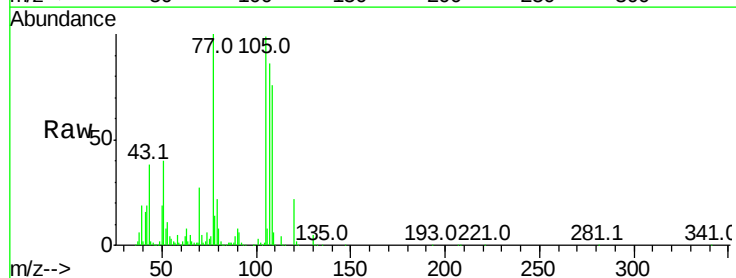
Ion Ratio Lower Upper

107 100

108 88.9 68.2 108.2

77 116.4 26.7 66.7#

79 26.1 6.3 46.3

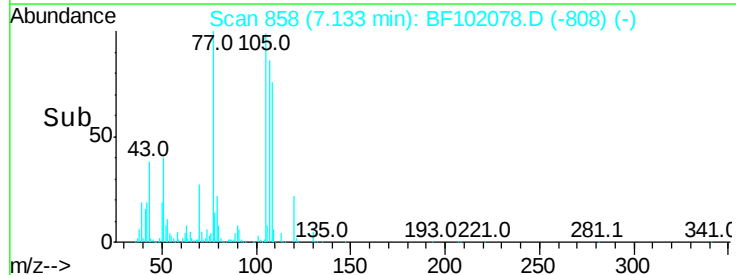
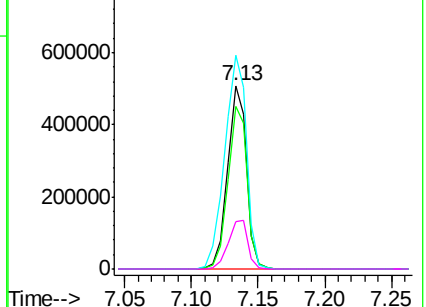


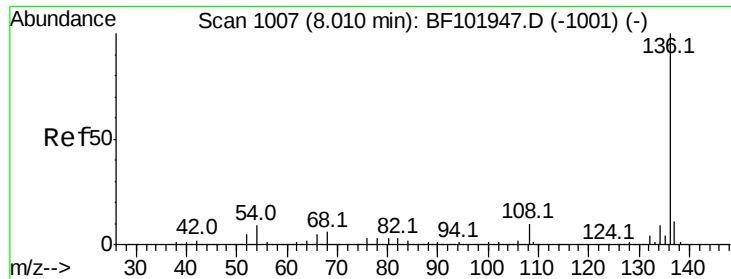
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

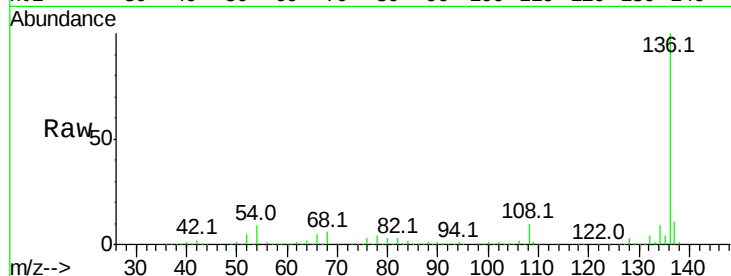




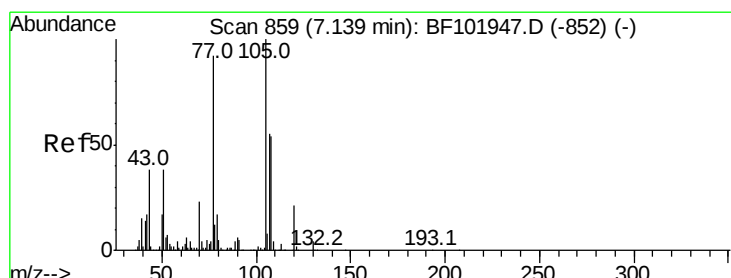
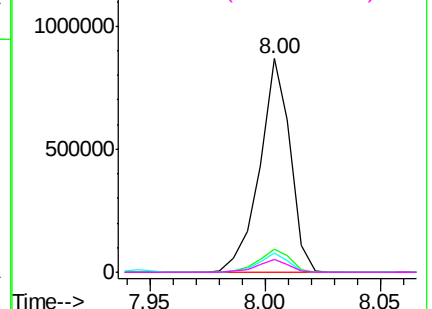
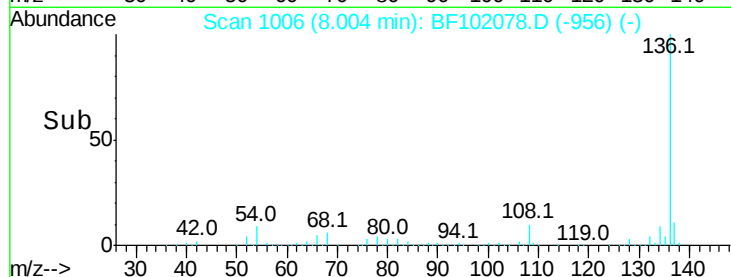
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	798891
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

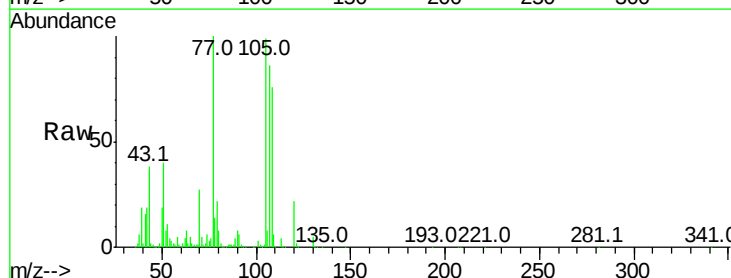


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

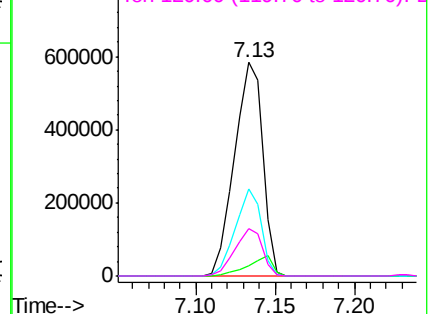
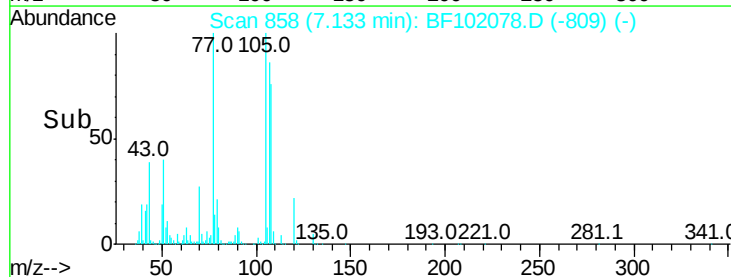


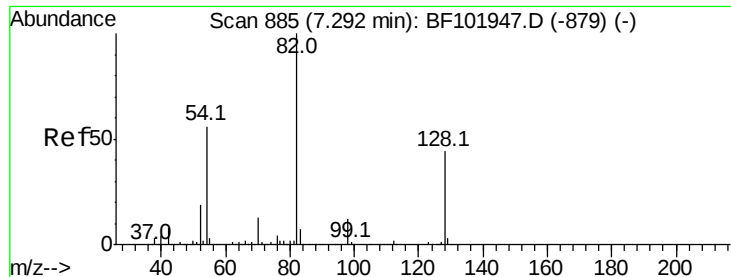
#22
Acetophenone
Concen: 37.446 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:	105	Resp:	720784
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	40.5	22.3	33.5#
120	22.0	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: 83.915 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

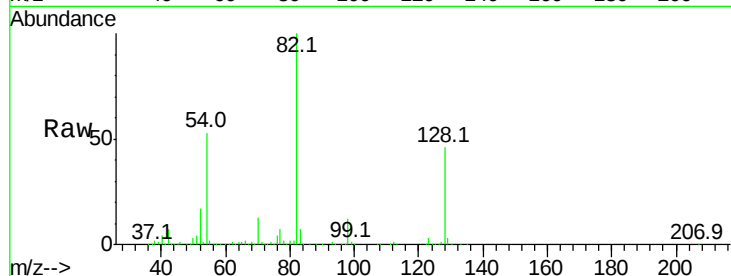
Tot Ion: 82 Resp: 1140820

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.5	41.4	62.2

82 100

128 46.3 36.1 54.1

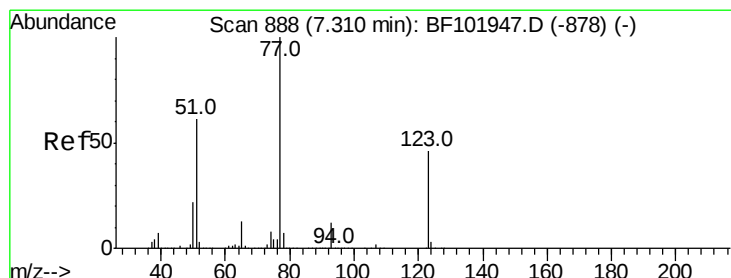
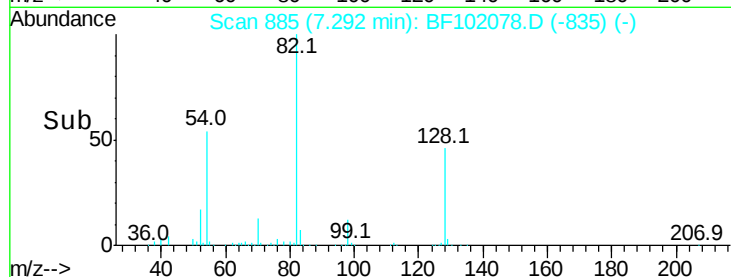
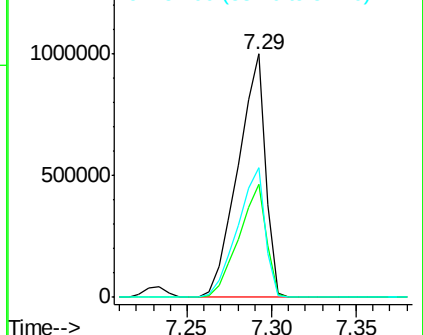
54 53.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.443 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

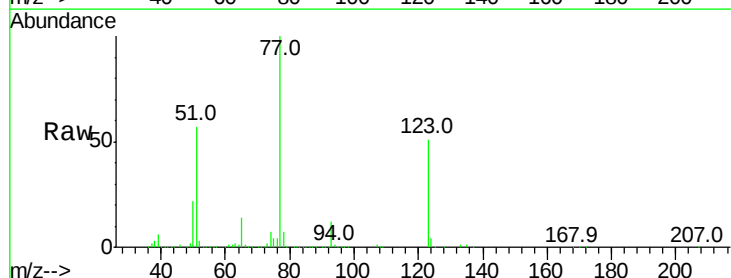
Tgt Ion: 77 Resp: 561598

Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	14.0	11.0	16.4

77 100

123 50.6 37.9 56.9

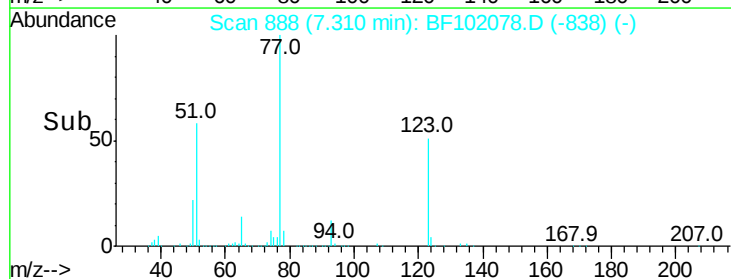
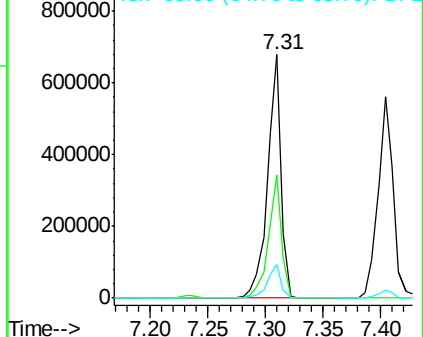
65 14.0 11.0 16.4

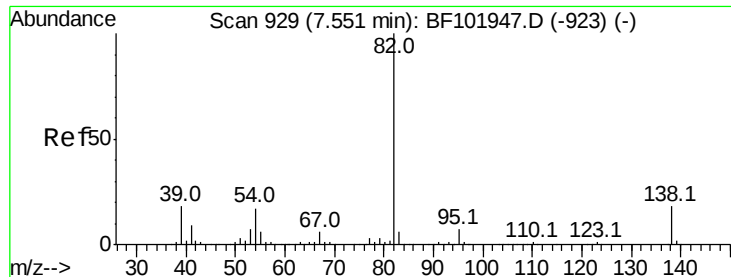


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.306 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

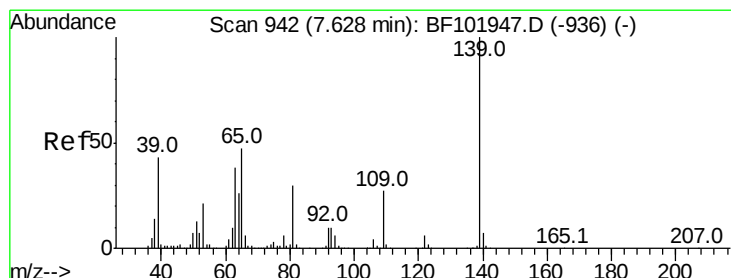
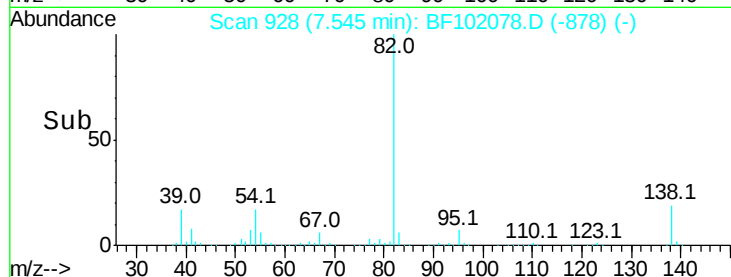
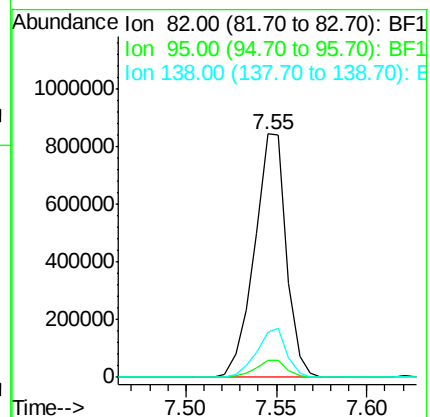
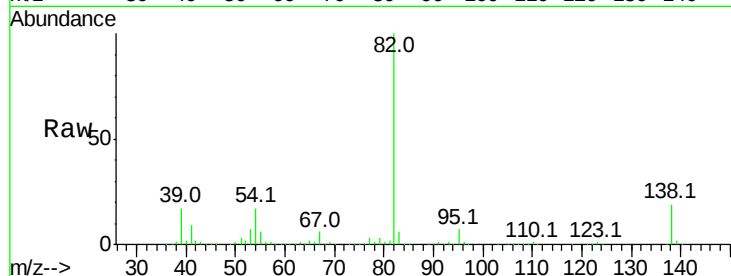
Tot Ion: 82 Resp: 1028989

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 48.567 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

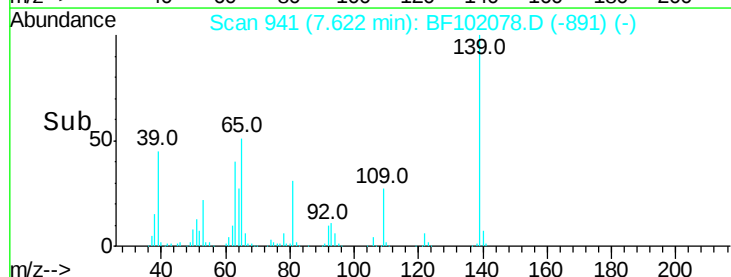
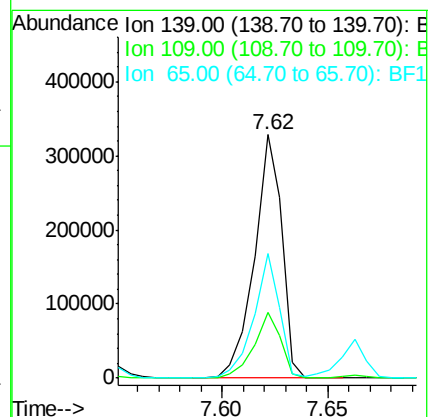
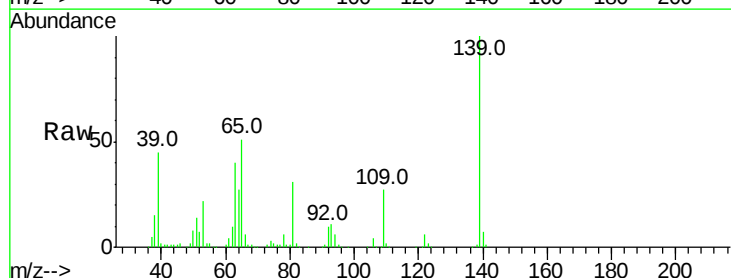
Tgt Ion:139 Resp: 296955

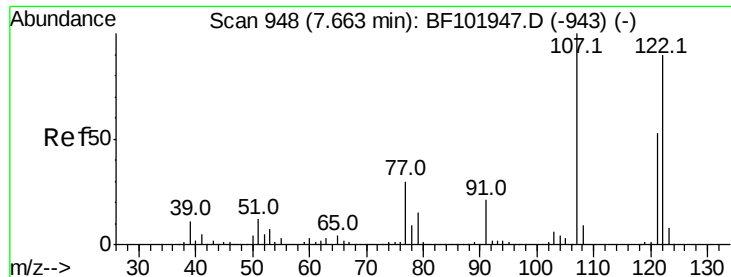
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 51.0 40.5 60.7

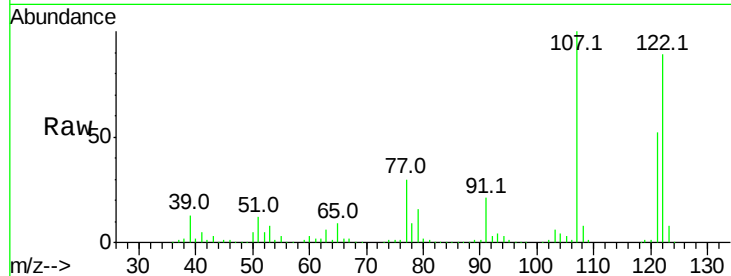




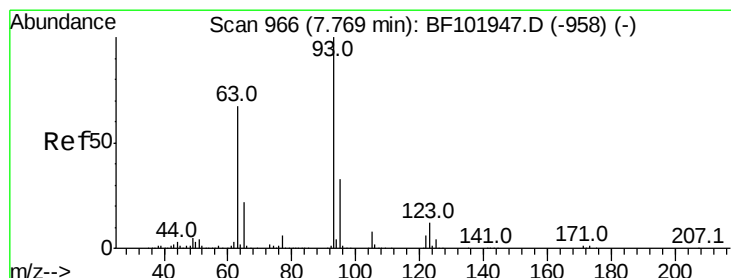
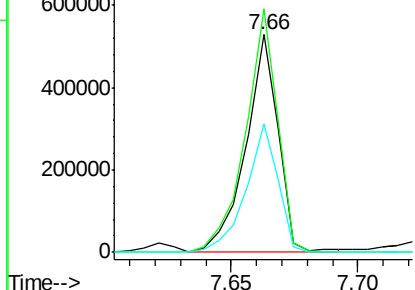
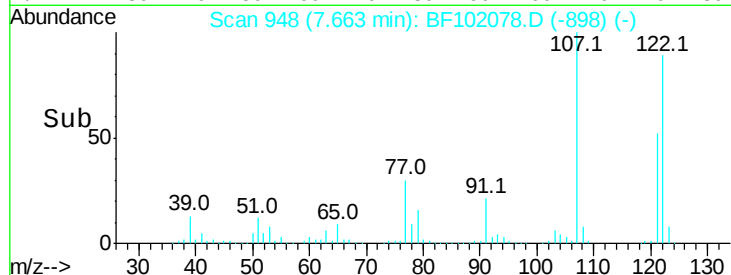
#27
 2,4-Dimethylphenol
 Concen: 41.238 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 470903
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 58.7 47.2 70.8

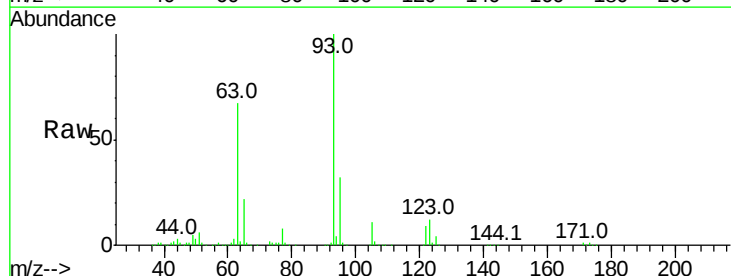


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

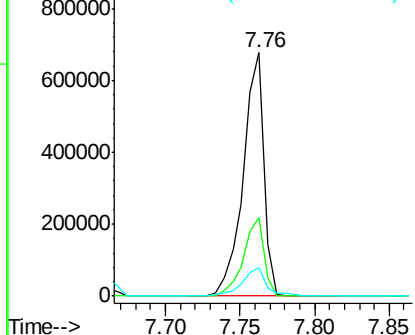
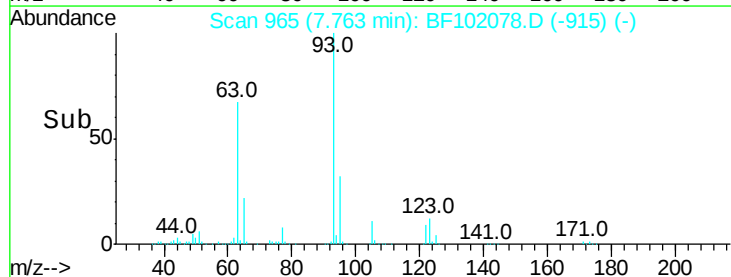


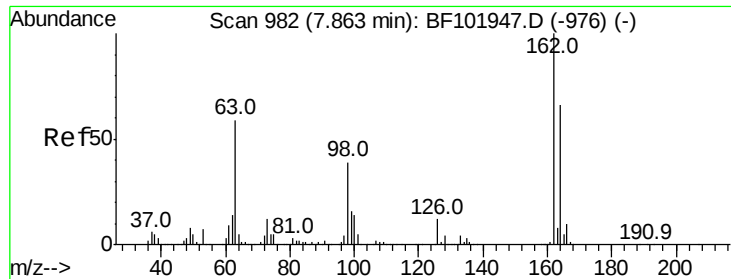
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.026 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion: 93 Resp: 649208
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.9 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 40.027 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

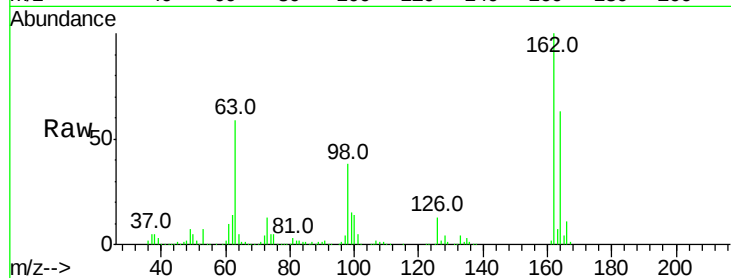
Tot Ion:162 Resp: 433999

Ion Ratio Lower Upper

162 100

164 62.7 42.7 82.7

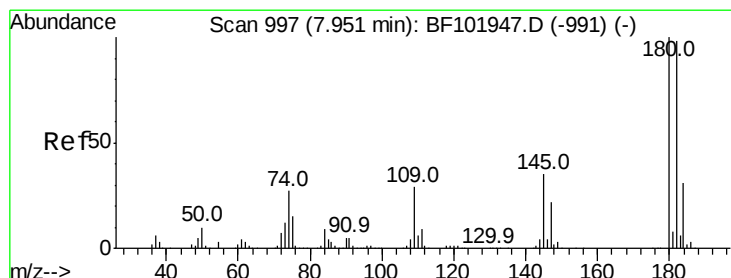
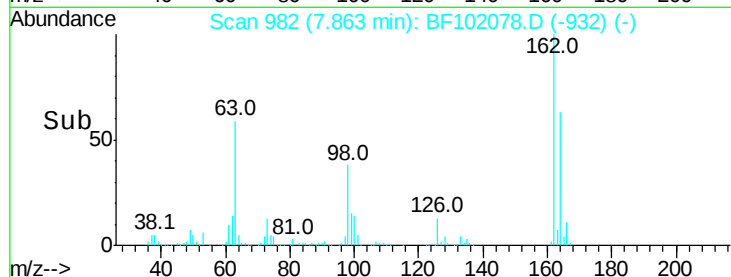
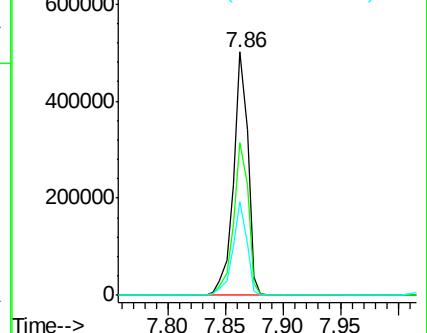
98 38.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.801 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

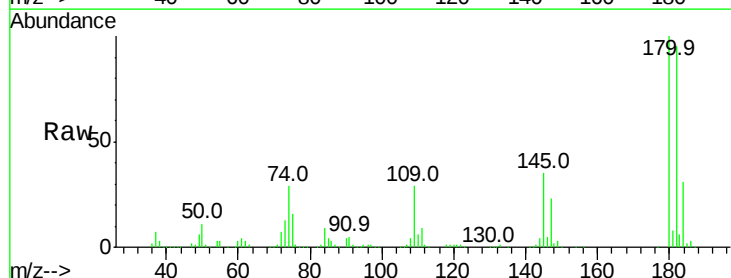
Tgt Ion:180 Resp: 428715

Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

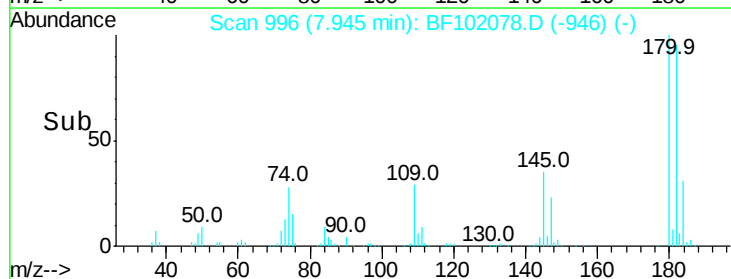
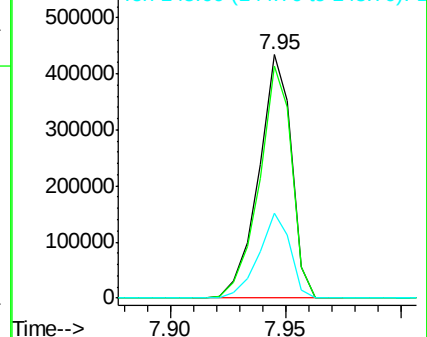
145 35.0 26.5 39.7

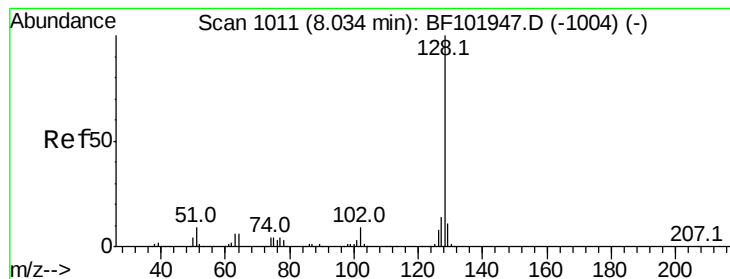


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.312 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampled :

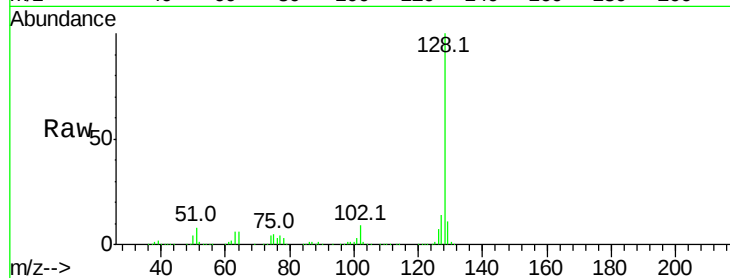
Tot Ion:128 Resp: 1489469

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

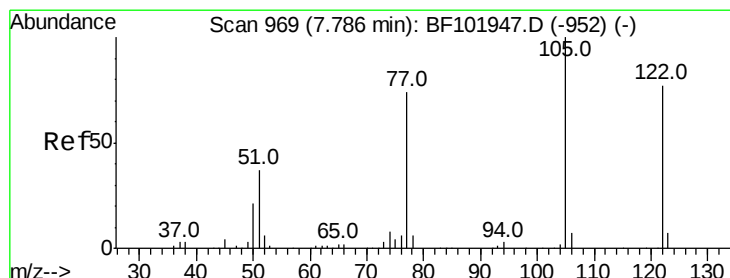
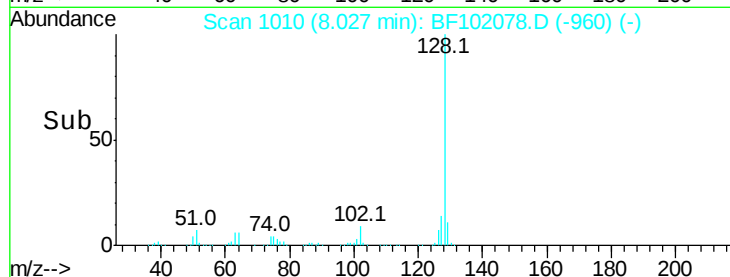
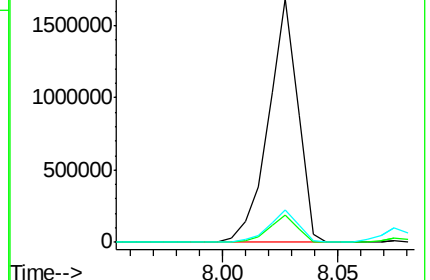
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.107 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

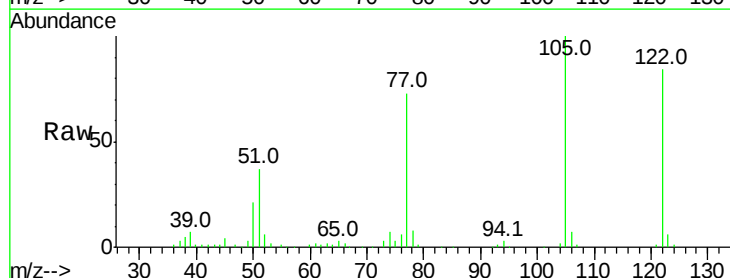
Tgt Ion:122 Resp: 278009

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

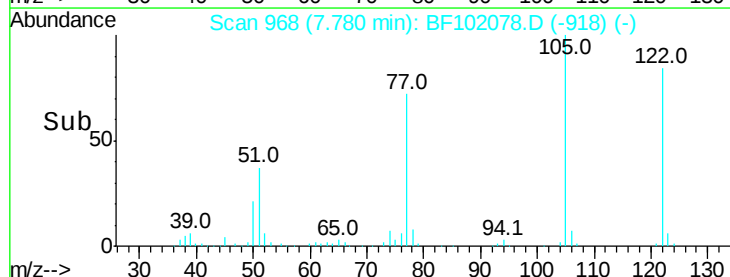
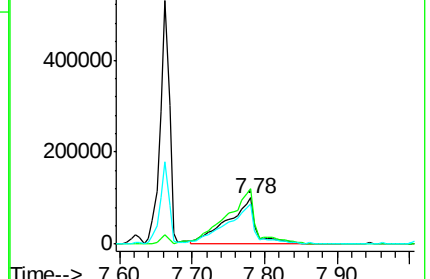
77 86.7 70.7 110.7

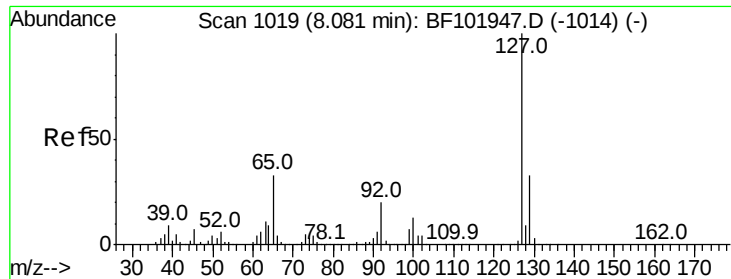


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

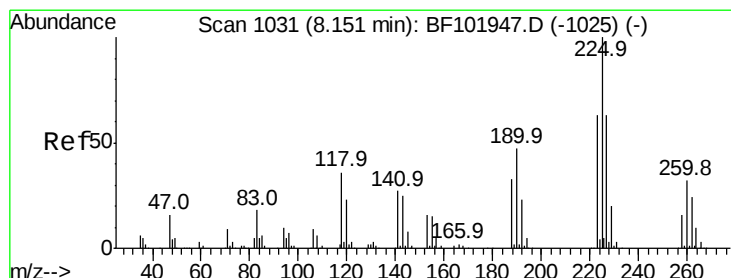
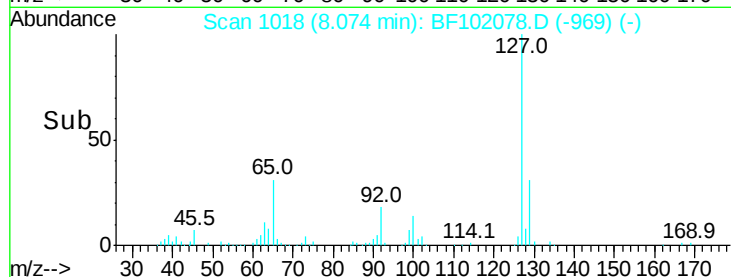
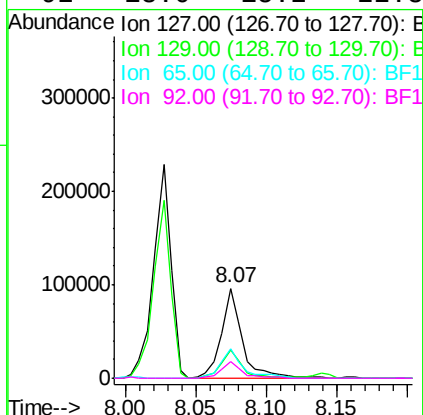
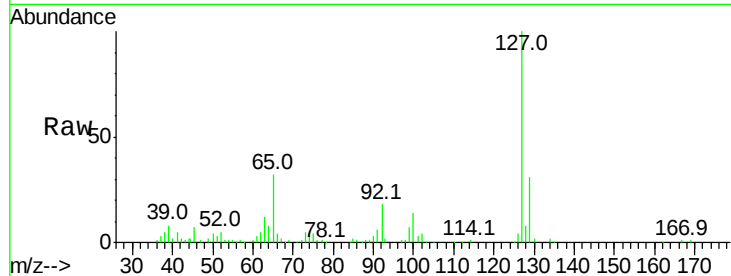




#33
4-Chloroaniline
Concen: 5.797 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

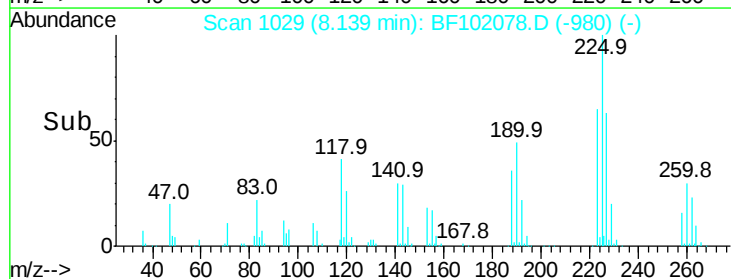
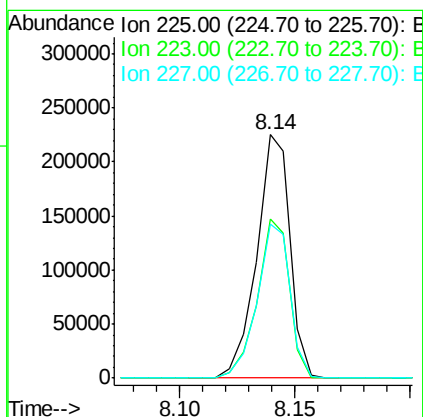
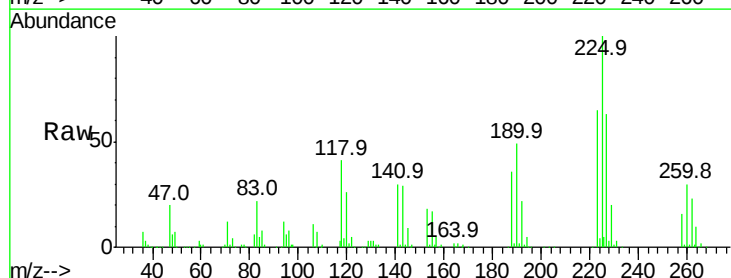
Instrument :
BNA_F
ClientSampleId :

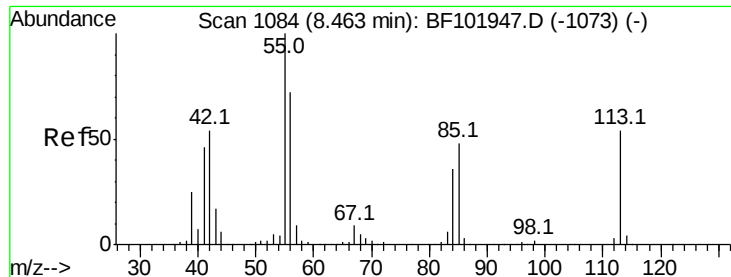
Tot Ion:	127	Resp:	98763
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	32.0	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.623 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:	225	Resp:	225864
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 38.475 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

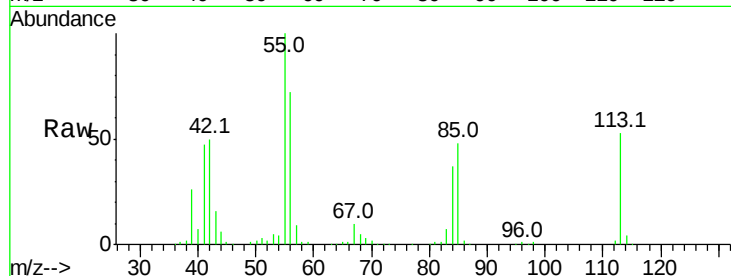
Tot Ion:113 Resp: 143215

Ion Ratio Lower Upper

113 100

55 189.0 163.3 203.3

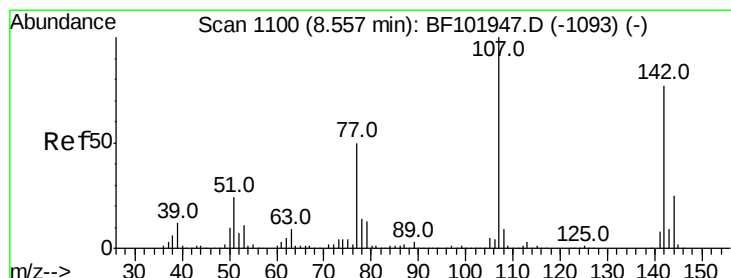
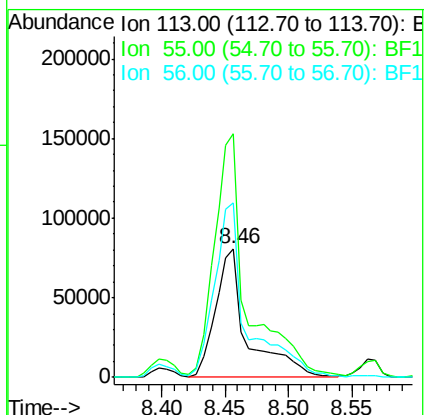
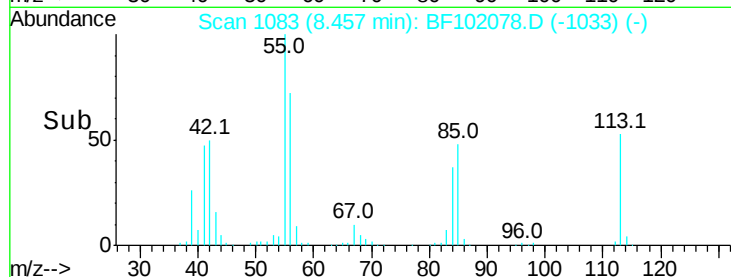
56 135.5 115.7 155.7



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: 38.900 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

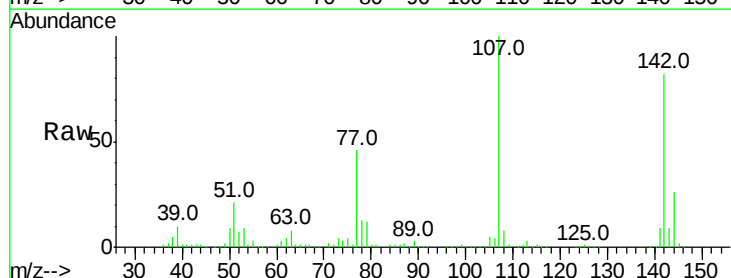
Tgt Ion:107 Resp: 461692

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

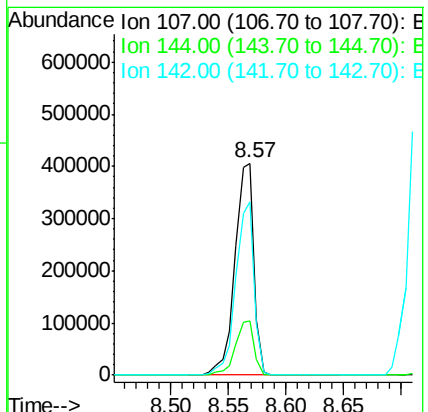
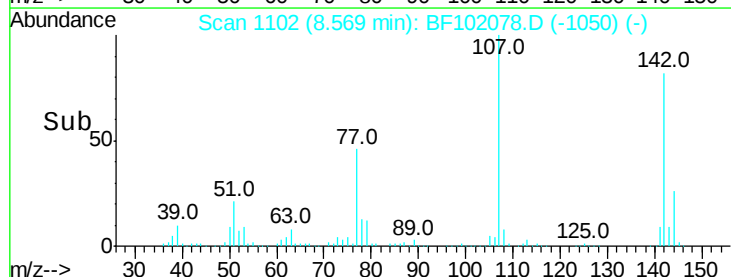
142 82.0 62.0 93.0

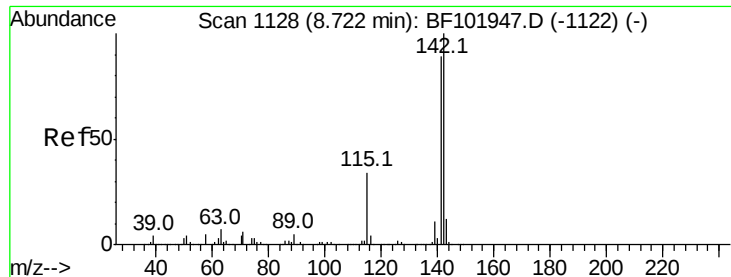


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

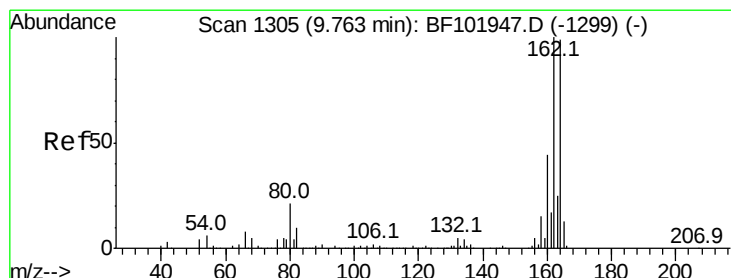
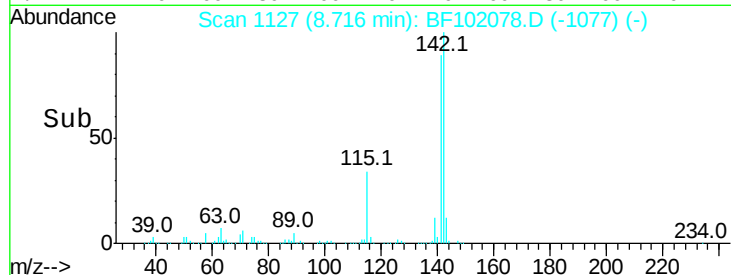
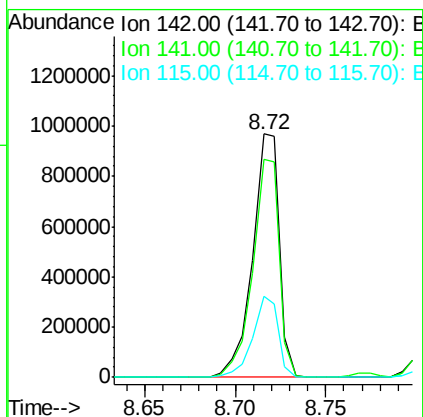
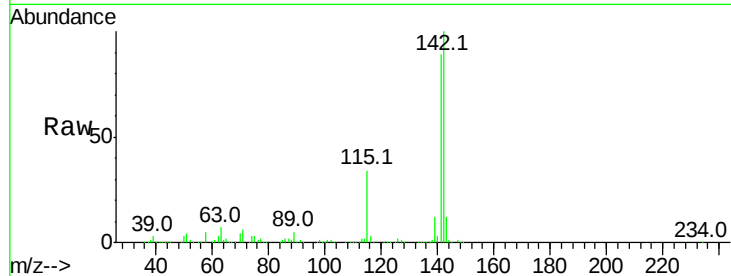




#37
2-Methylnaphthalene
Concen: 37.889 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

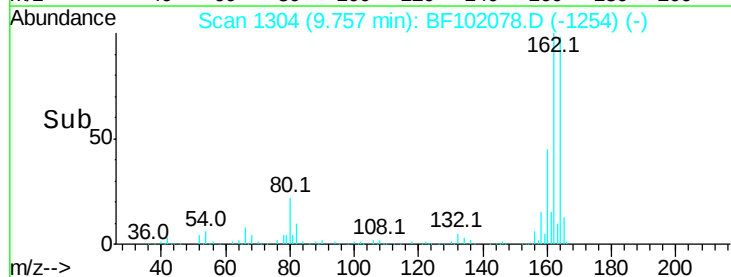
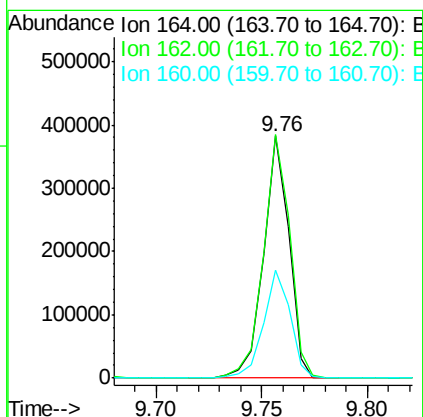
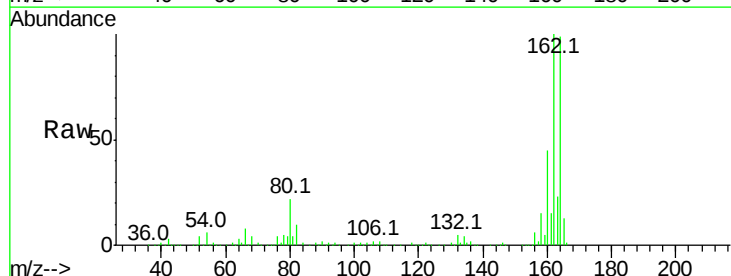
Instrument :
BNA_F
ClientSampleId :

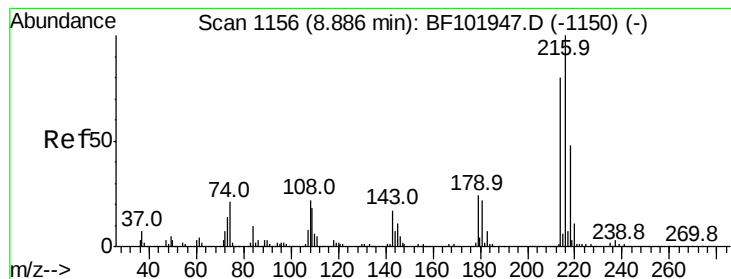
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.5	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	44.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.672 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 388737

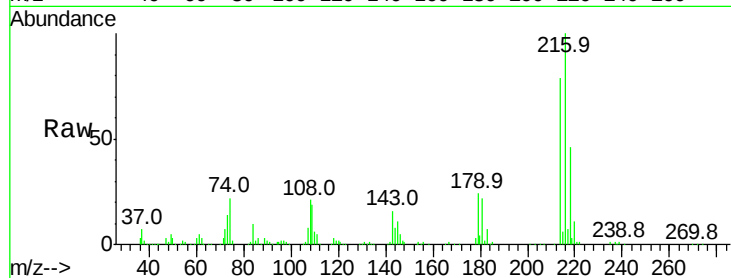
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.0 18.1 27.1

108 20.8 17.2 25.8

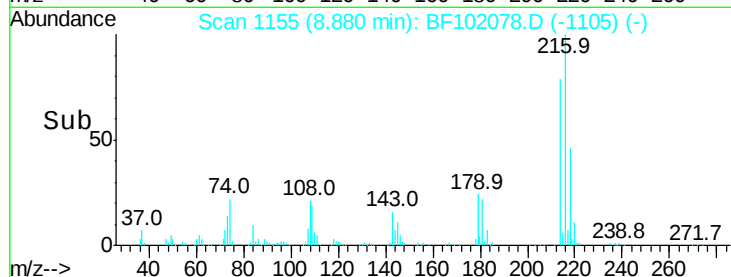


Abundance Ion 216.00 (215.70 to 216.70): E

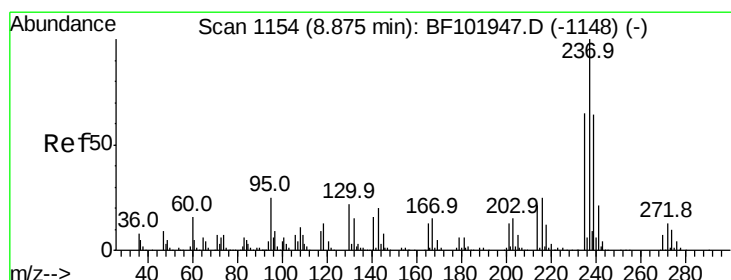
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 30.067 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

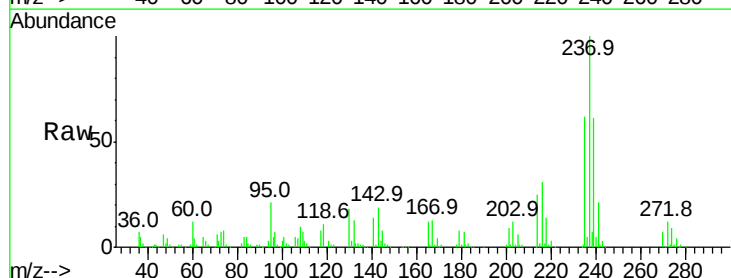
Tgt Ion:237 Resp: 149795

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

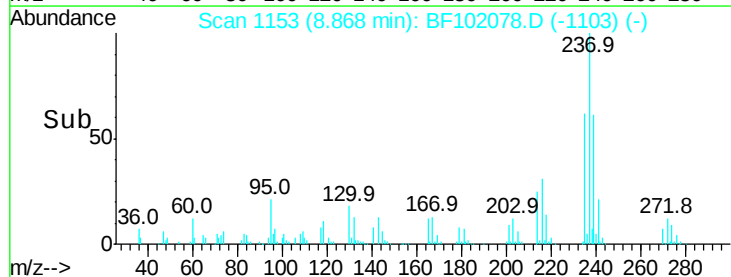
272 12.5 0.0 33.3



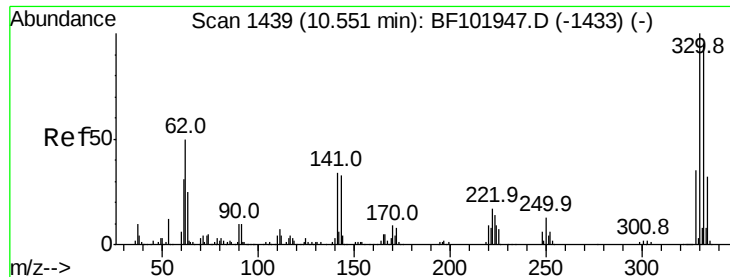
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



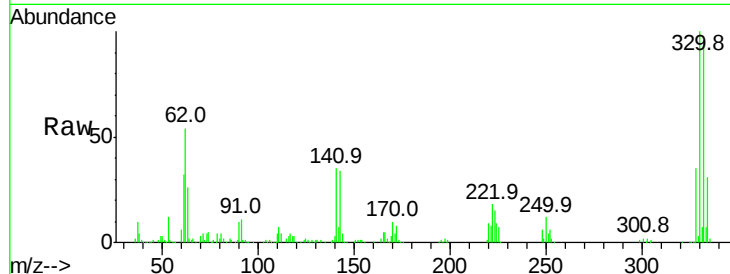
Time-->



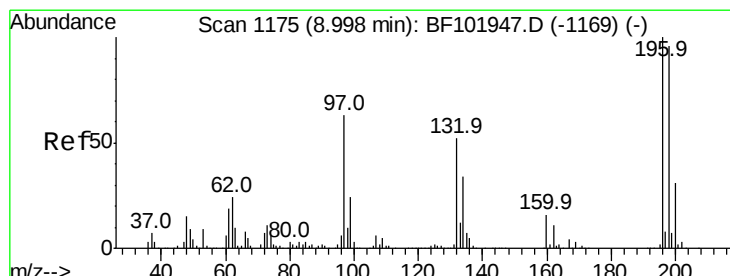
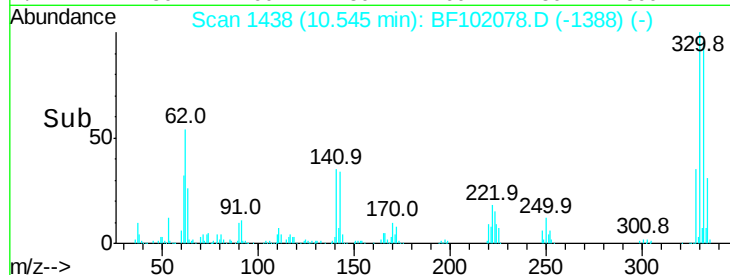
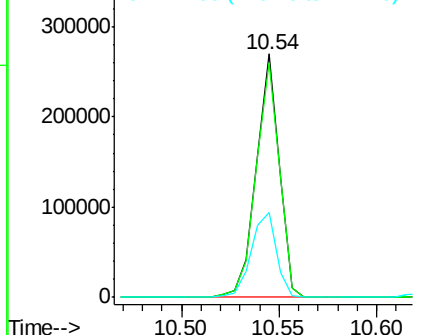
#41
 2,4,6-Tribromophenol
 Concen: 78.615 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	38.3	29.9	44.9

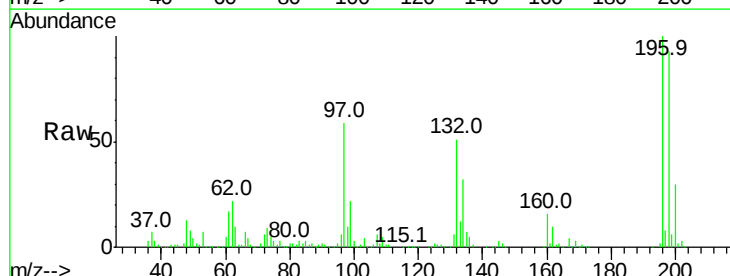


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

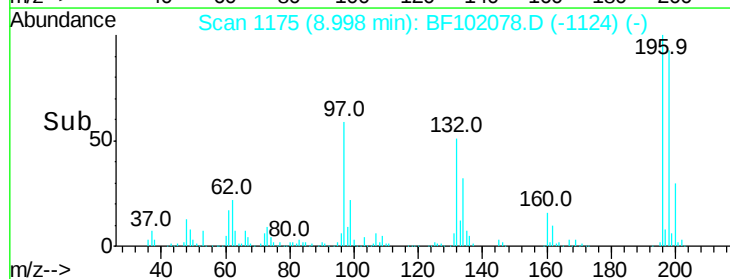
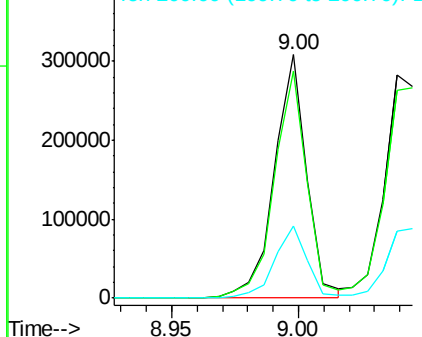


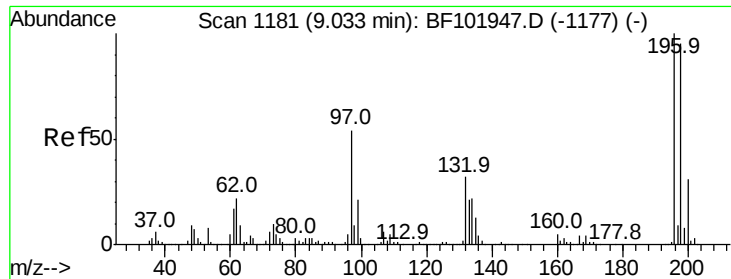
#42
 2,4,6-Trichlorophenol
 Concen: 43.722 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.7	113.5
200	29.5	24.5	36.7



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

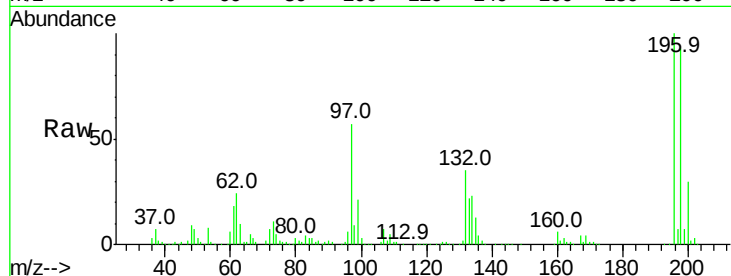




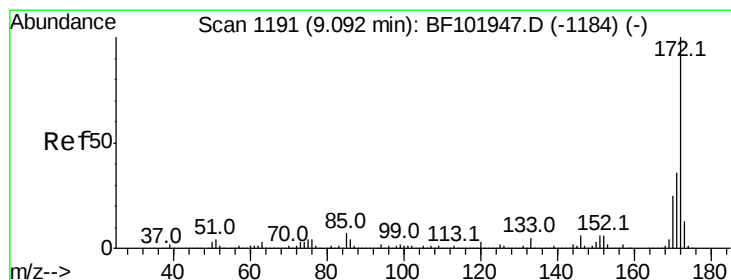
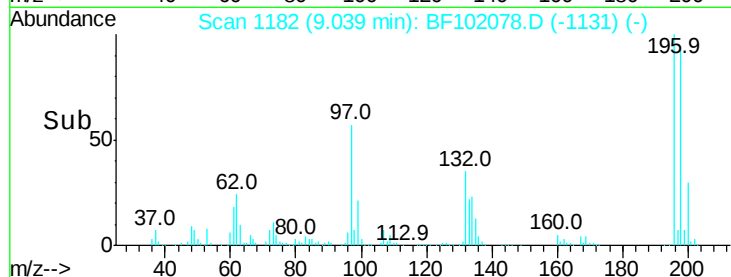
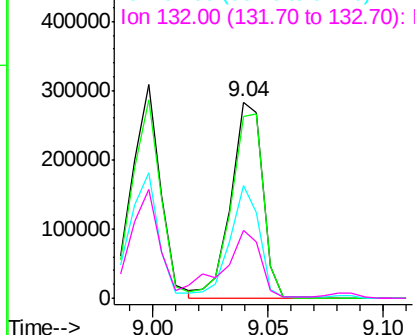
#43
 2,4,5-Trichlorophenol
 Concen: 38.312 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 271832
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.6 112.0
 97 57.3 42.9 64.3
 132 34.8 26.3 39.5

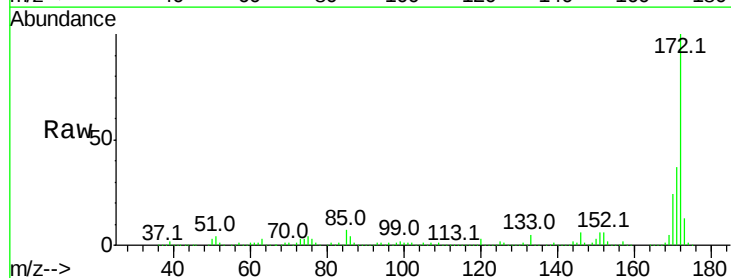


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

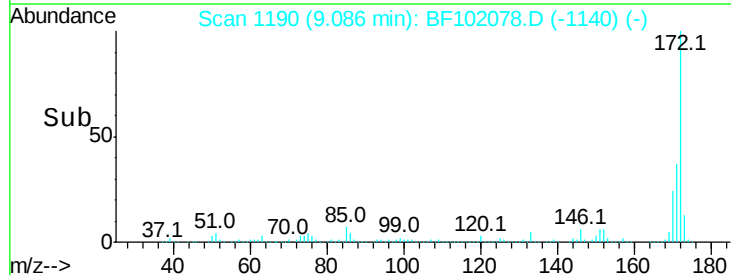
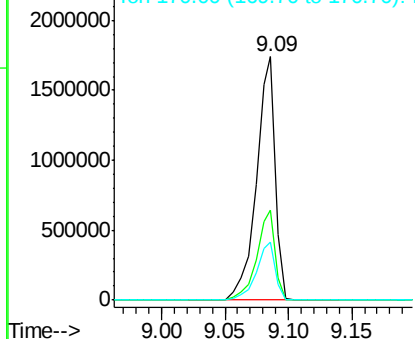


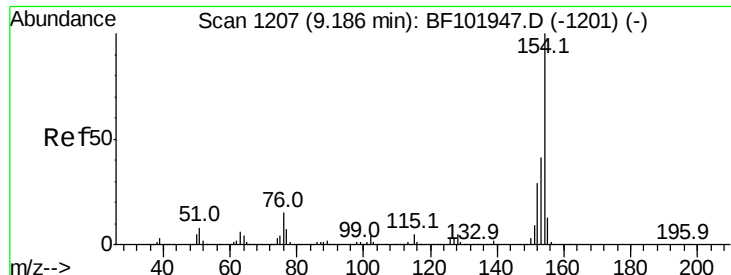
#44
 2-Fluorobiphenyl
 Concen: 87.809 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:172 Resp: 1809872
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.0 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: 39.344 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

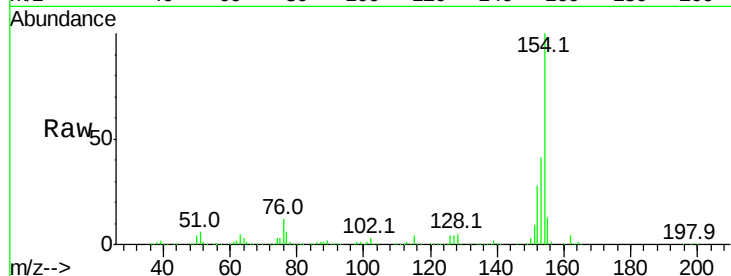
Tot Ion:154 Resp: 1119812

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

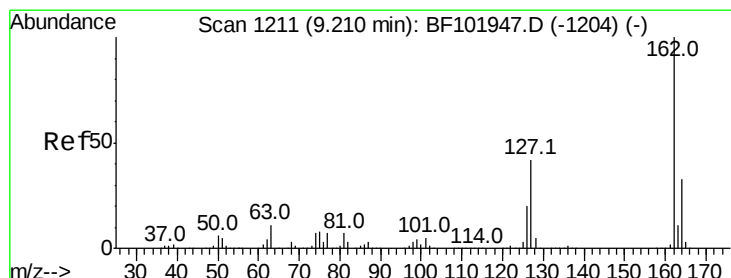
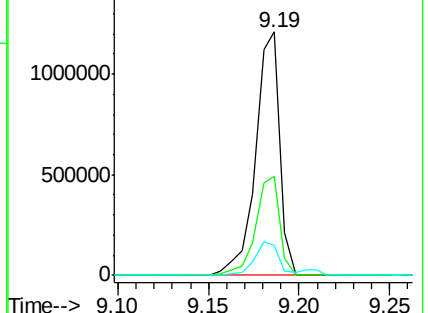
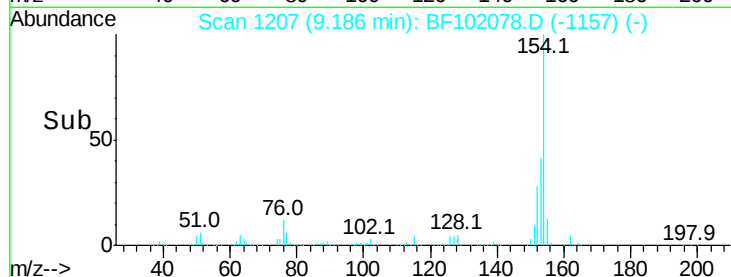
76 12.3 0.0 34.0



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: 38.790 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

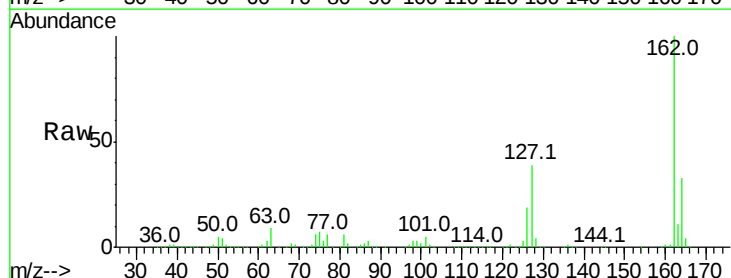
Tgt Ion:162 Resp: 856143

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

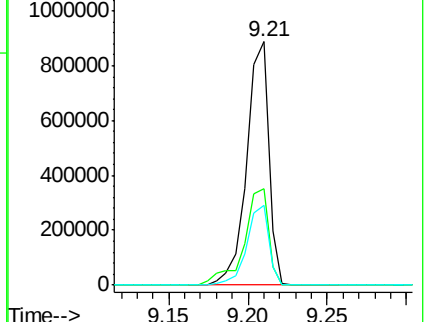
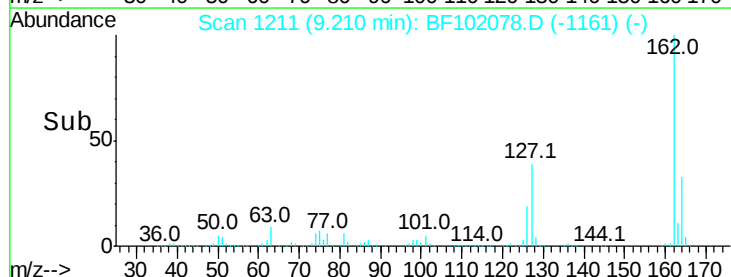
164 32.9 26.5 39.7

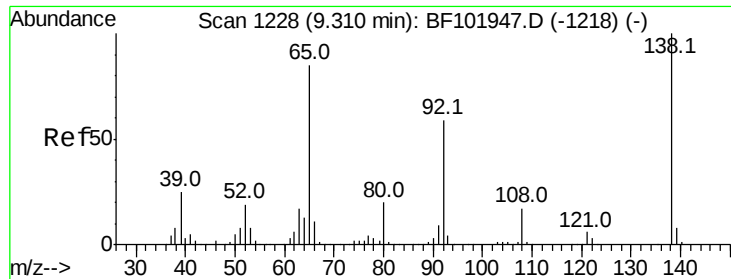


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

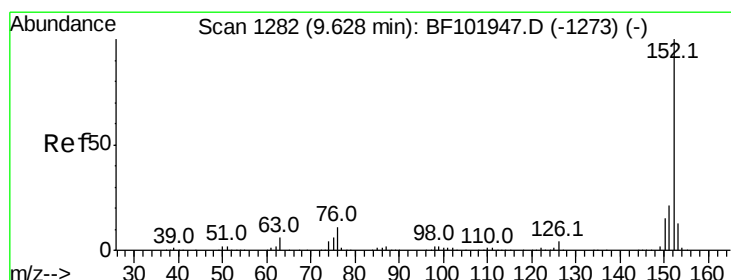
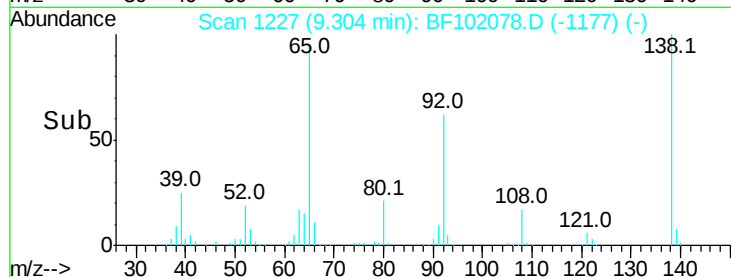
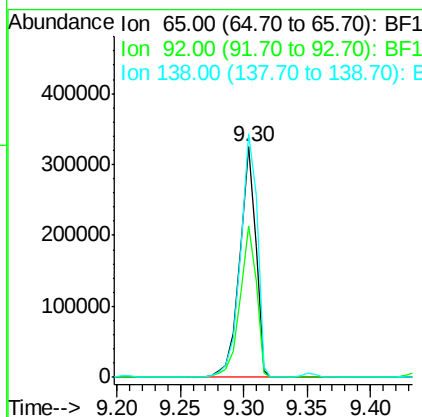
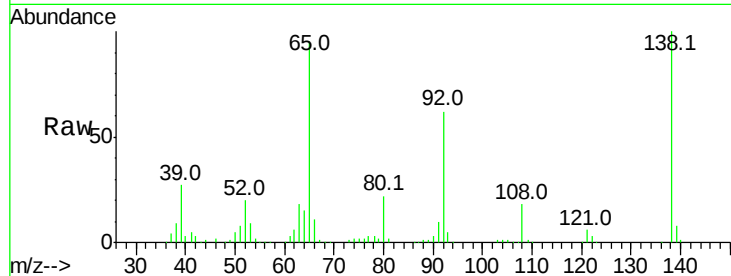




#47
2-Nitroaniline
Concen: 42.707 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

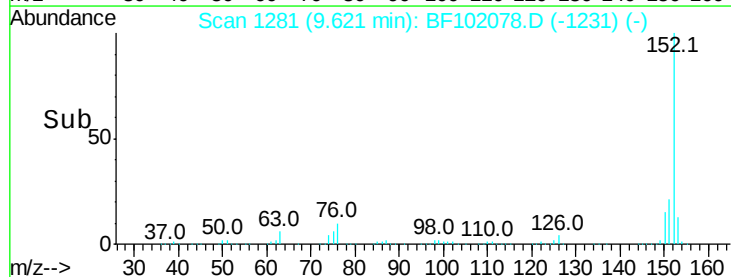
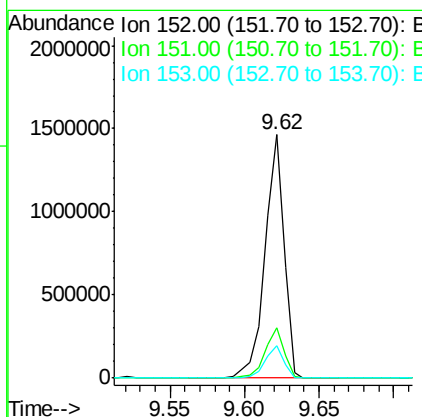
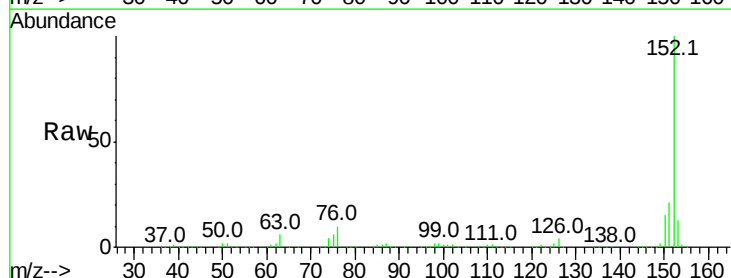
Instrument :
BNA_F
ClientSampleId :

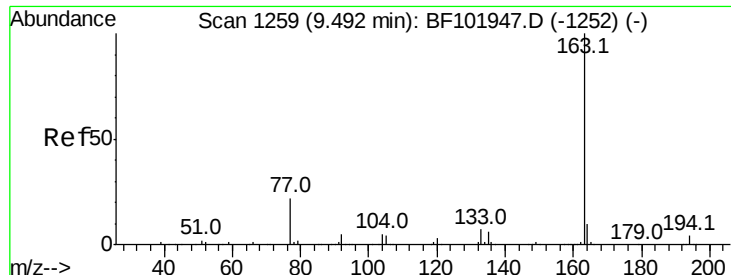
Tot Ion: 65 Resp: 282347
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 105.6 91.2 136.8



#48
Acenaphthylene
Concen: 36.334 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:152 Resp: 1272657
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 38.991 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampled :

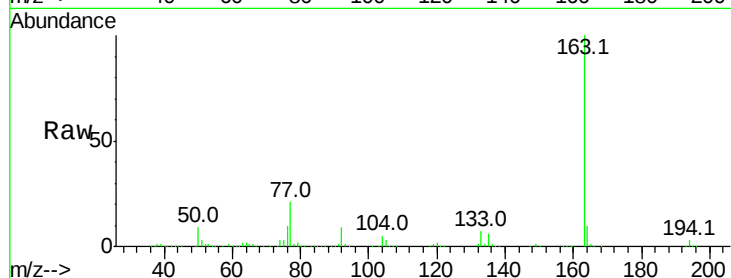
Tot Ion:163 Resp: 1007200

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

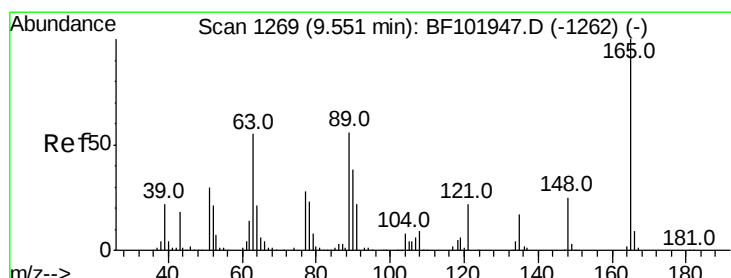
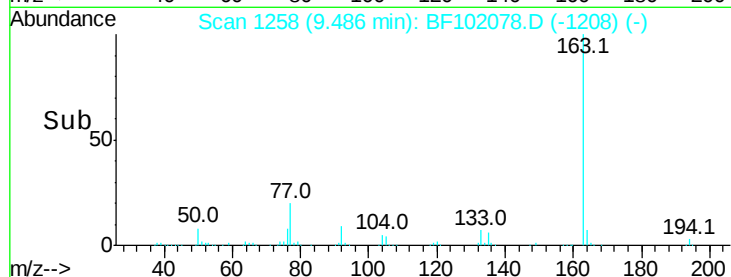
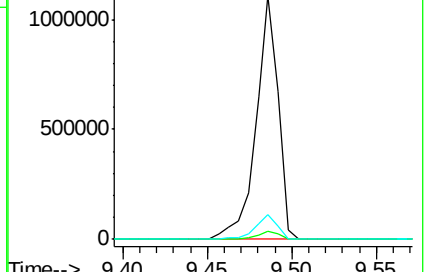
164 10.4 8.2 12.2



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: 42.899 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

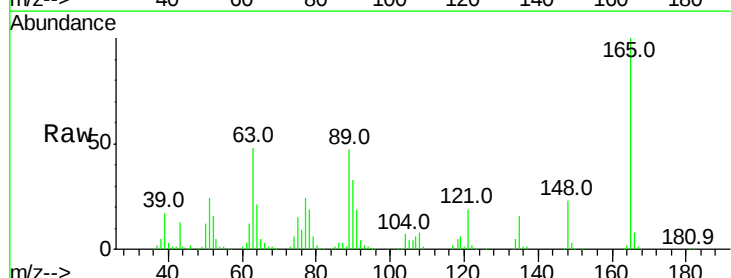
Tgt Ion:165 Resp: 221354

Ion Ratio Lower Upper

165 100

63 48.1 44.7 67.1

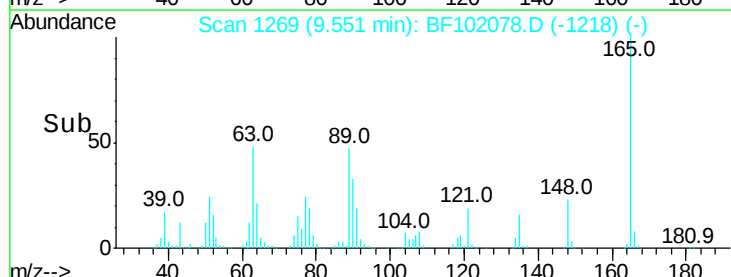
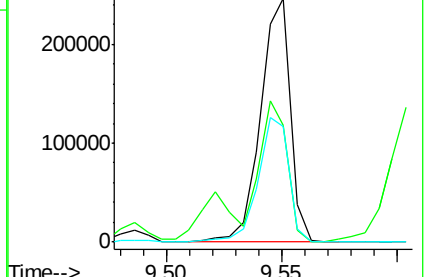
89 47.3 44.0 66.0

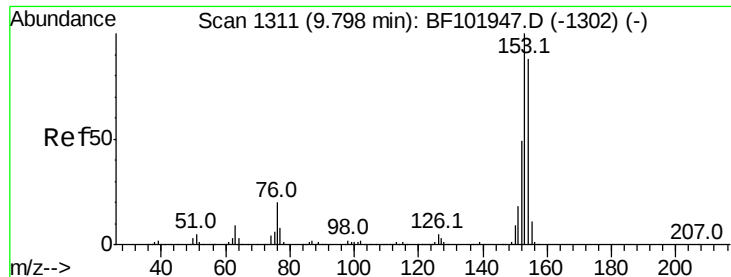


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.178 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

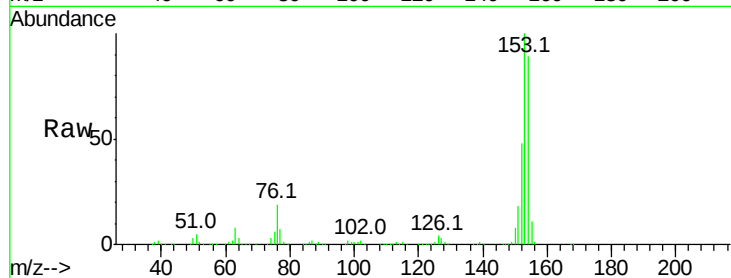
Tot Ion:154 Resp: 747878

Ion Ratio Lower Upper

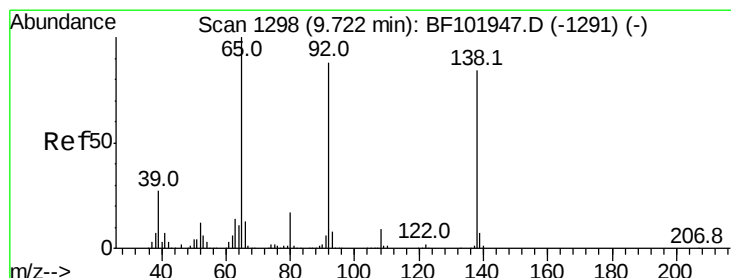
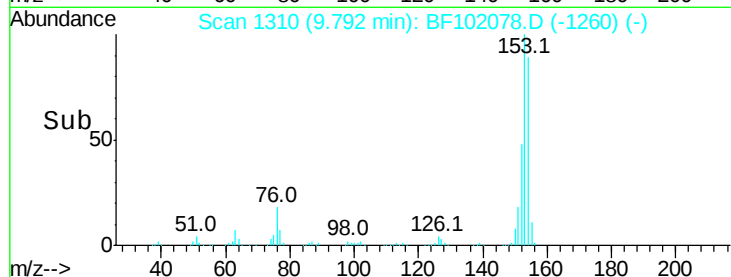
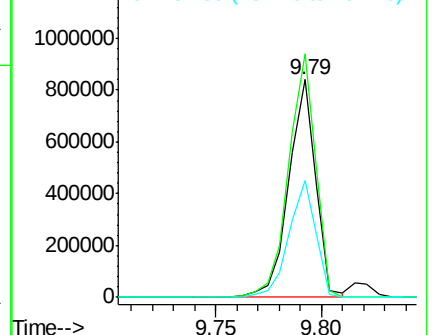
154 100

153 111.8 91.2 136.8

152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.221 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

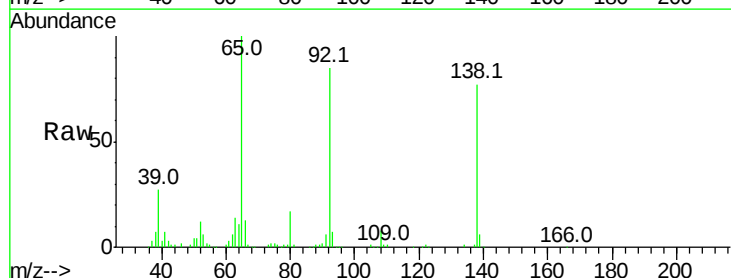
Tgt Ion:138 Resp: 118657

Ion Ratio Lower Upper

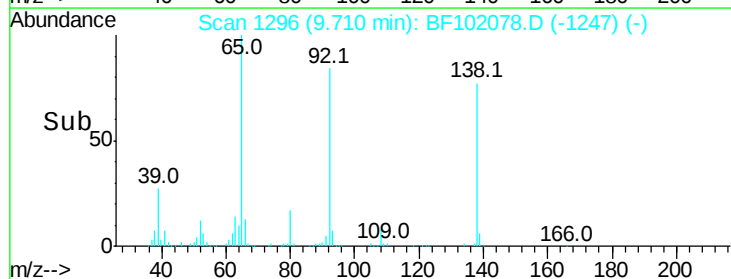
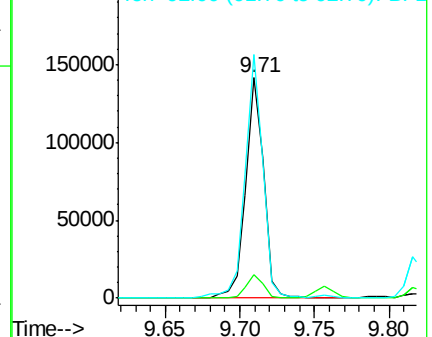
138 100

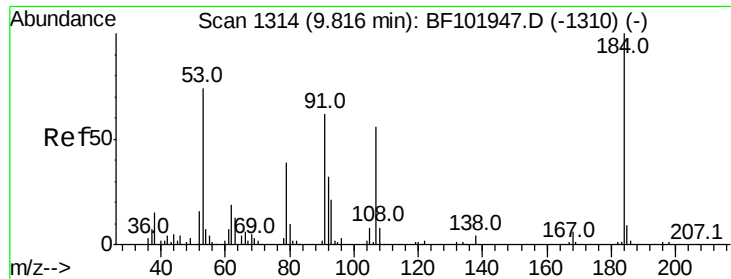
108 10.5 9.4 14.0

92 110.5 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

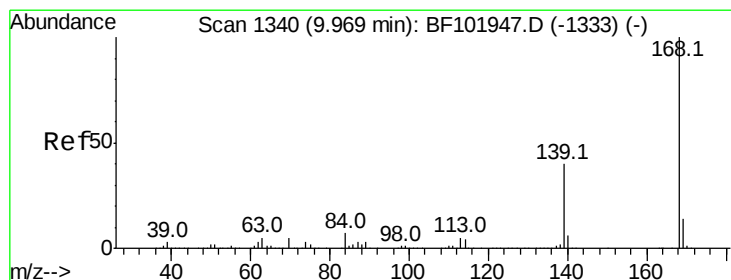
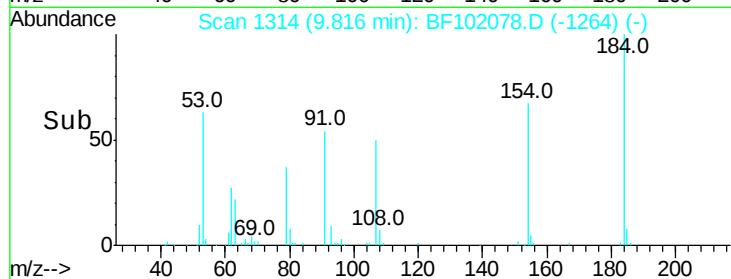
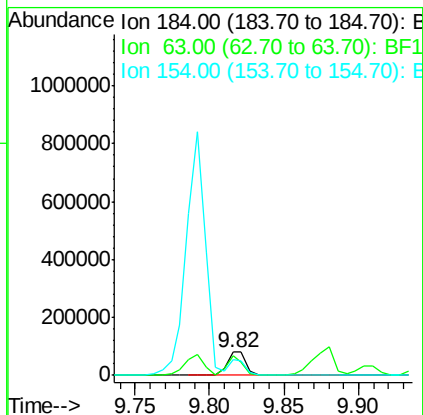
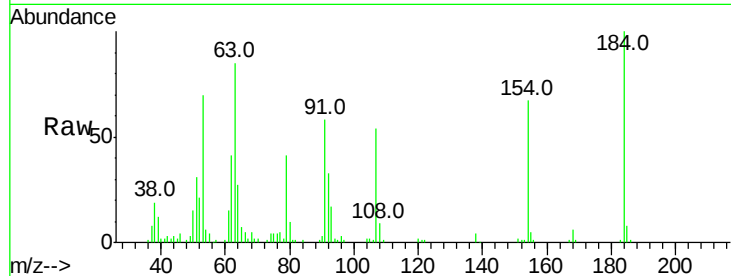




#53
 2,4-Dinitrophenol
 Concen: 42.444 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

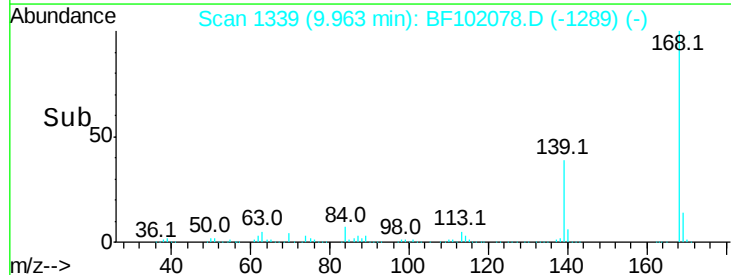
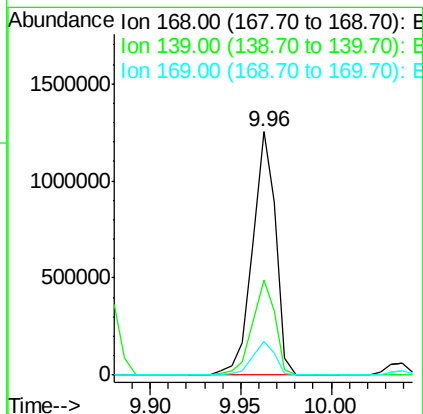
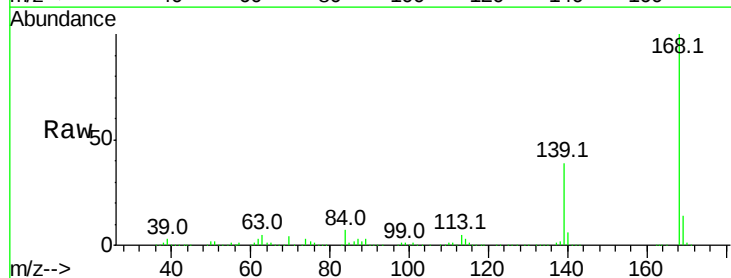
Instrument :
 BNA_F
 ClientSampleId :

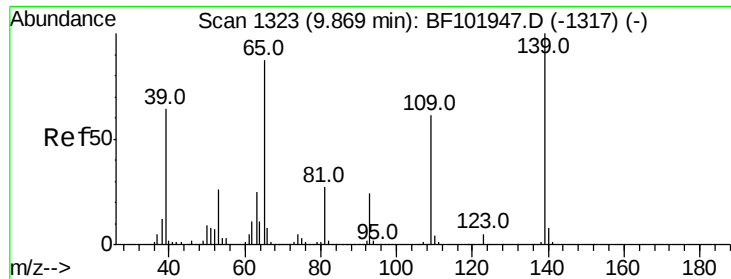
Tot Ion:184 Resp: 74708
 Ion Ratio Lower Upper
 184 100
 63 84.8 54.2 81.2#
 154 67.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.905 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:168 Resp: 1105953
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.1 45.1
 169 13.8 10.9 16.3

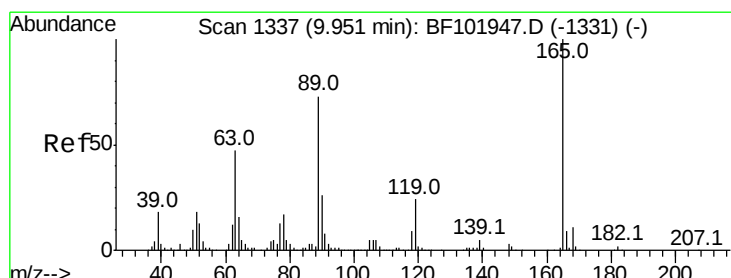
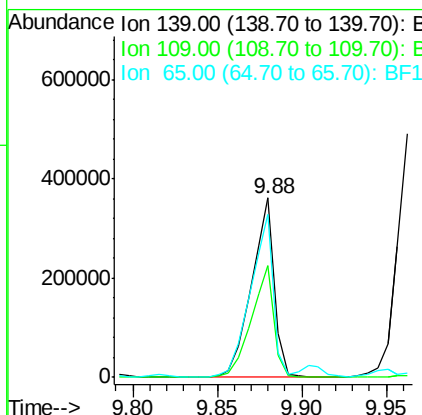
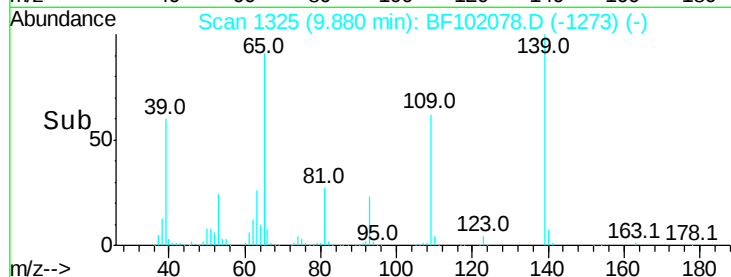
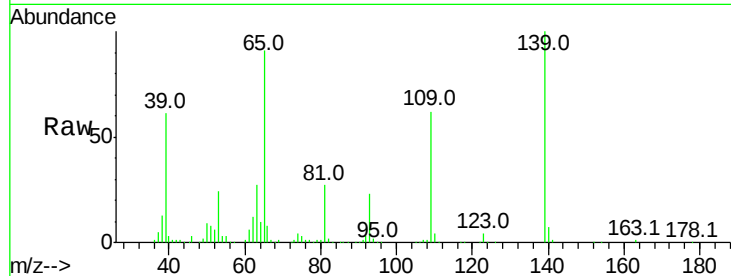




#55
4-Nitrophenol
Concen: 70.824 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

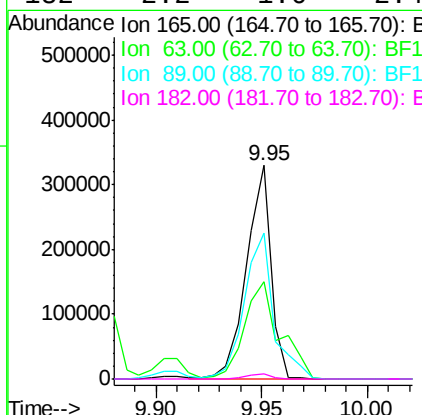
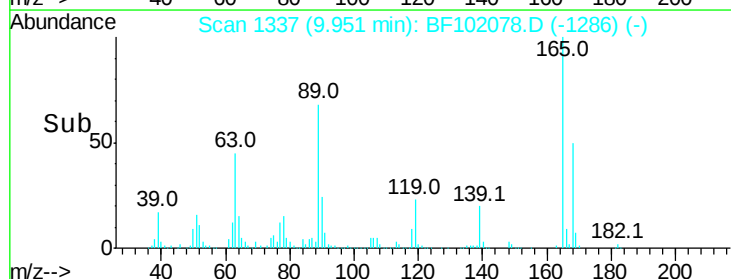
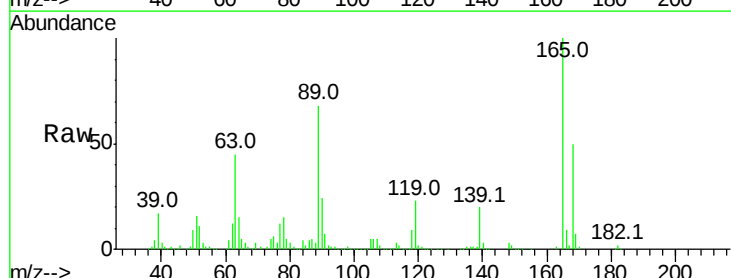
Instrument :
BNA_F
ClientSampleId :

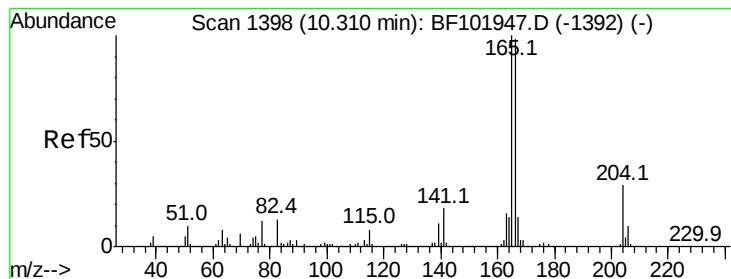
Tot Ion:139 Resp: 343708
Ion Ratio Lower Upper
139 100
109 62.0 48.4 88.4
65 90.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.366 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:165 Resp: 267524
Ion Ratio Lower Upper
165 100
63 45.5 36.4 54.6
89 68.3 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 38.997 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

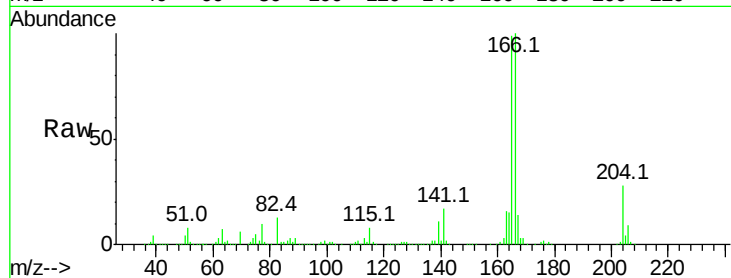
Tot Ion:166 Resp: 786565

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

1200000

1000000

800000

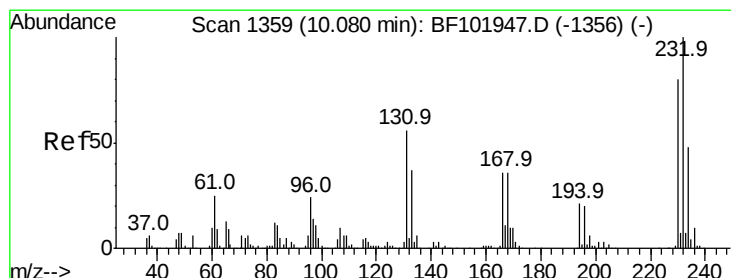
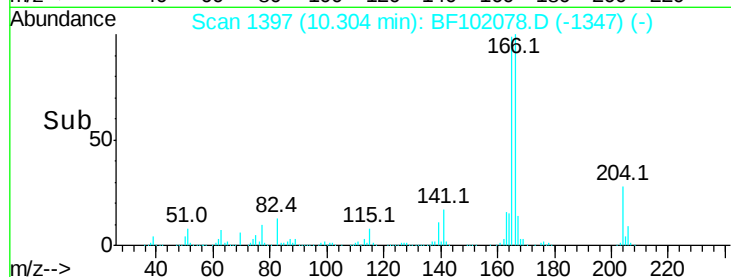
600000

400000

200000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.459 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:232 Resp: 199320

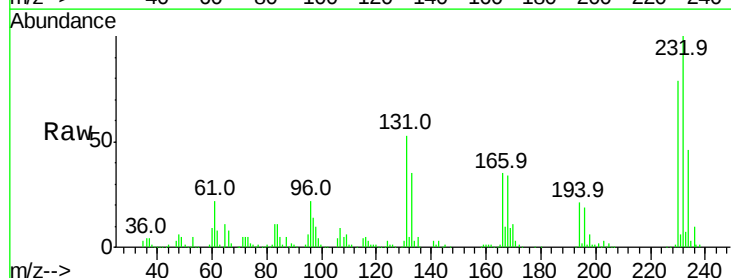
Ion Ratio Lower Upper

232 100

131 53.8 43.8 65.8

130 2.5 2.1 3.1

166 35.3 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

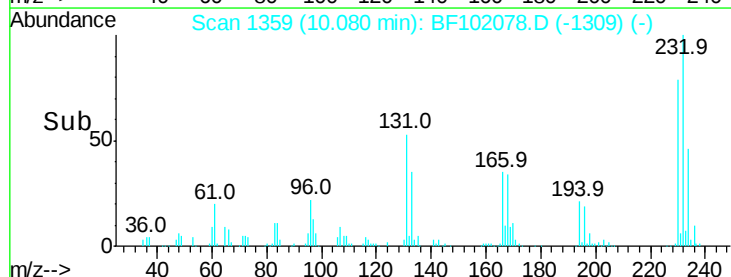
300000

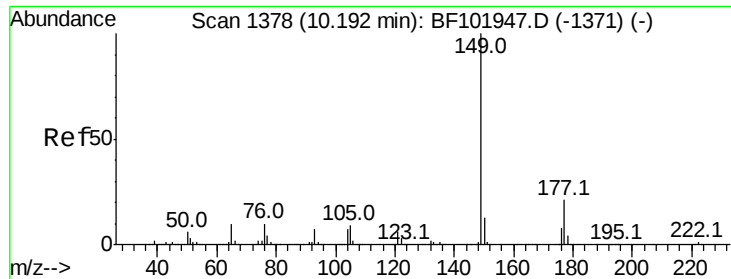
200000

100000

0

Time-->

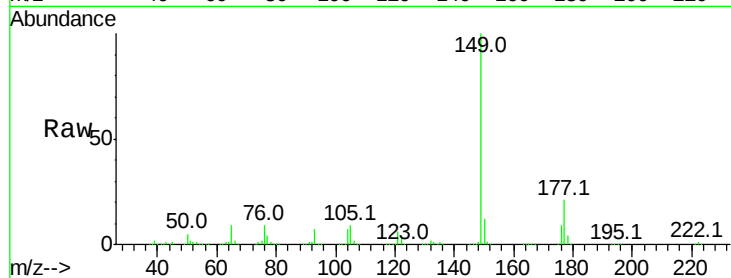




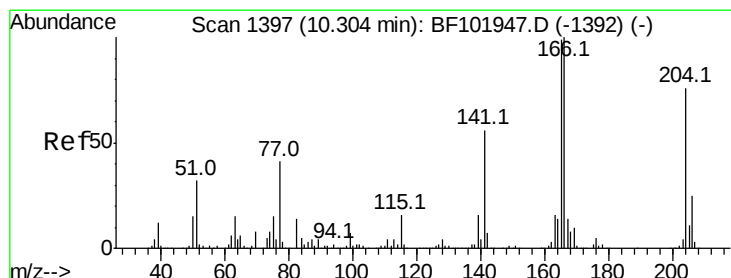
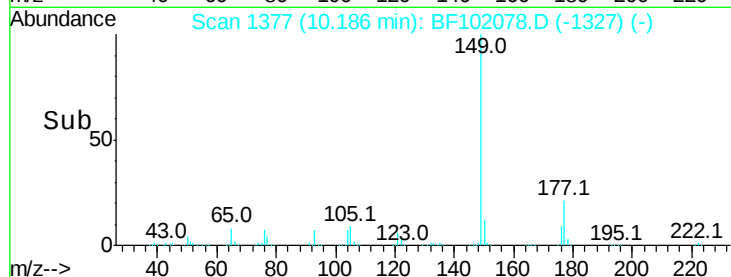
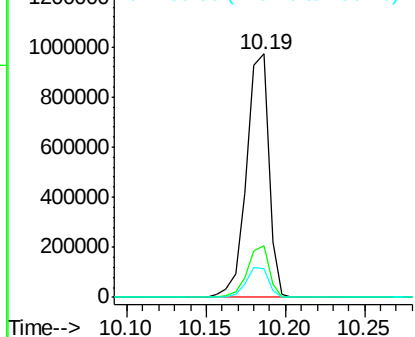
#59
Diethylphthalate
Concen: 37.000 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 950722
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 11.9 10.1 15.1

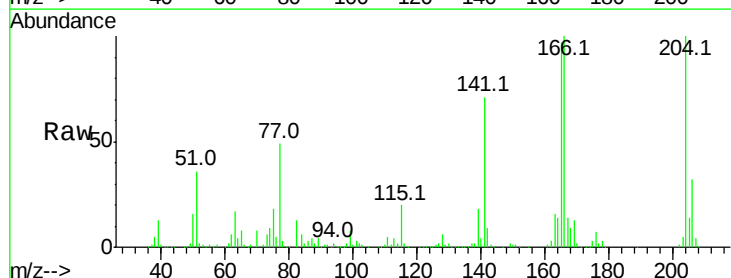


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

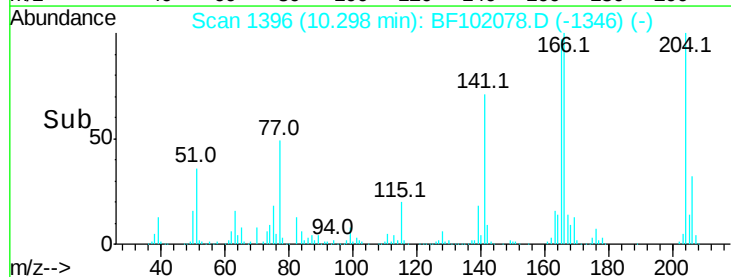
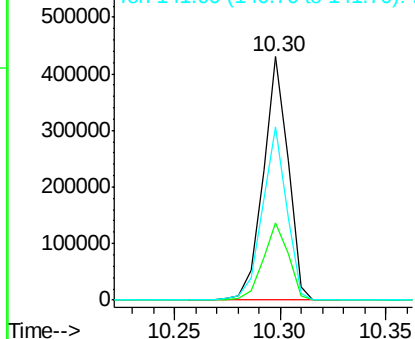


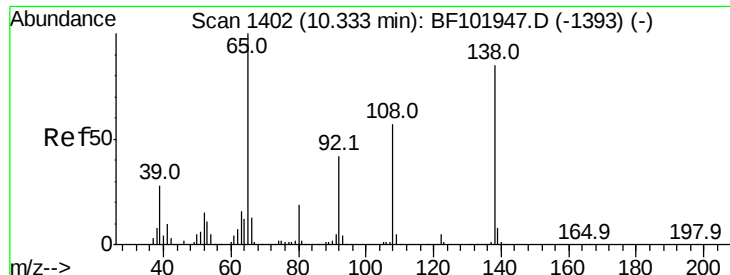
#60
4-Chlorophenyl-phenylether
Concen: 40.892 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:204 Resp: 351210
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 70.9 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

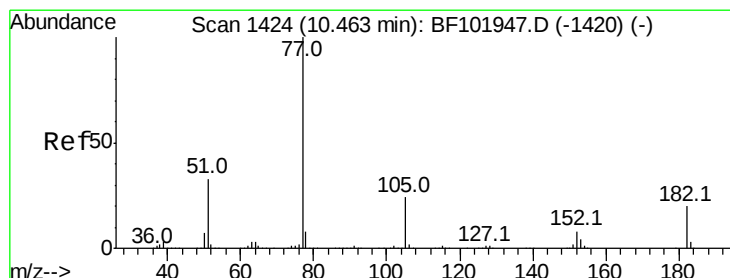
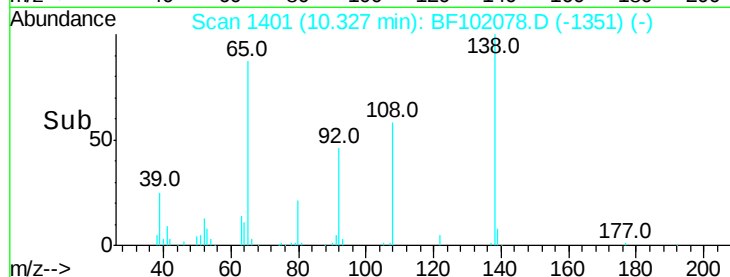
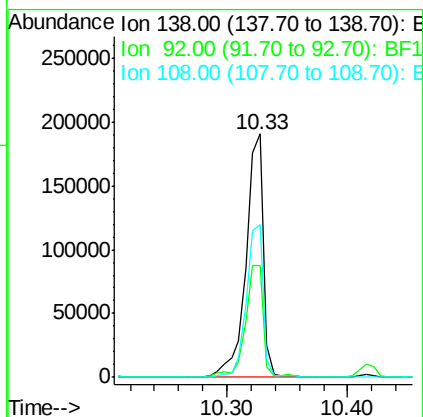
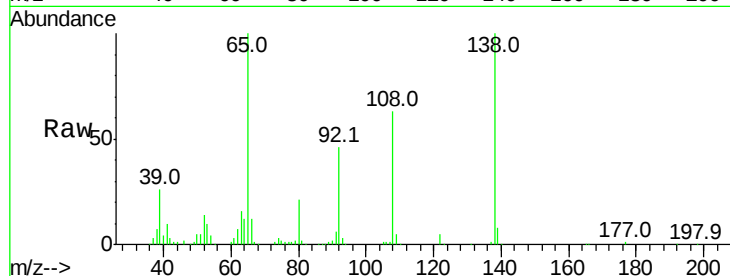




#61
4-Nitroaniline
Concen: 31.263 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

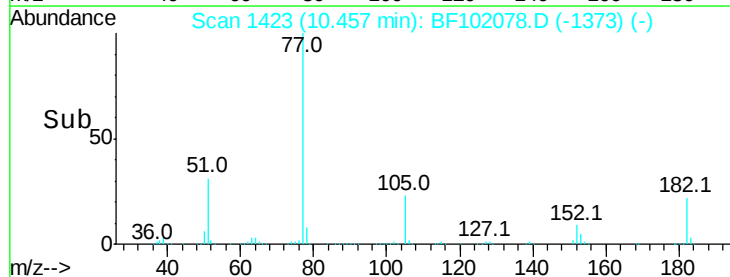
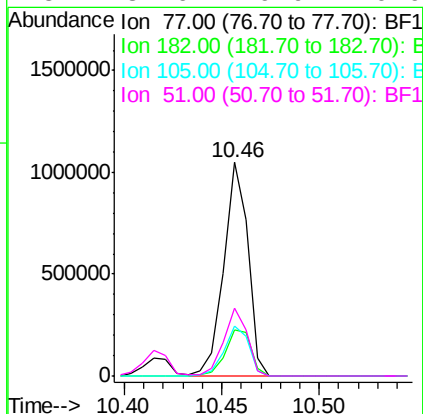
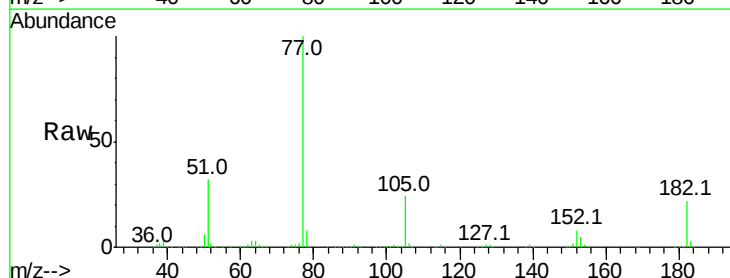
Instrument :
BNA_F
ClientSampled :

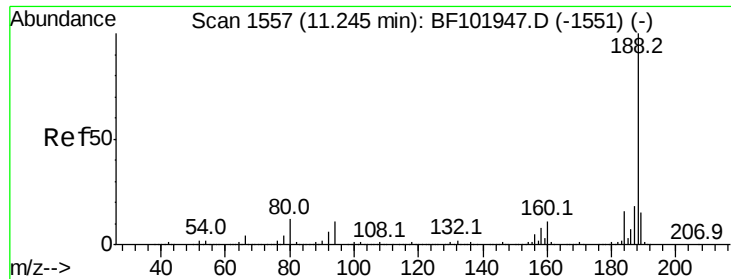
Tot Ion:138 Resp: 193214
Ion Ratio Lower Upper
138 100
92 45.7 30.2 70.2
108 62.6 52.5 92.5



#62
Azobenzene
Concen: 35.345 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion: 77 Resp: 903603
Ion Ratio Lower Upper
77 100
182 21.8 1.7 41.7
105 23.7 3.0 43.0
51 31.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

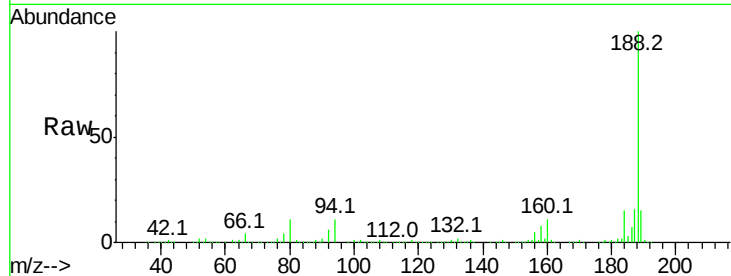
Tot Ion:188 Resp: 467173

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

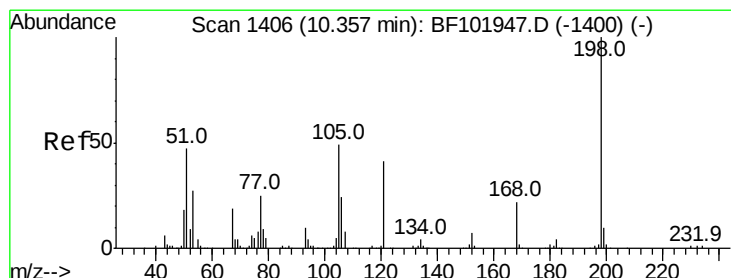
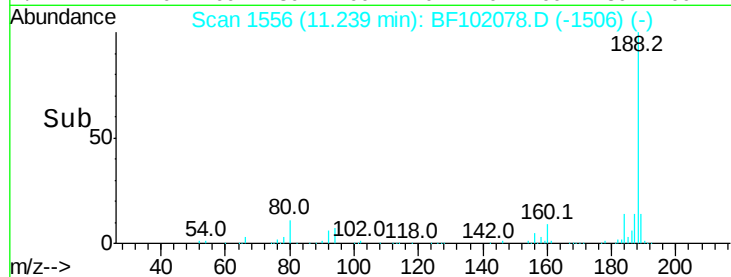
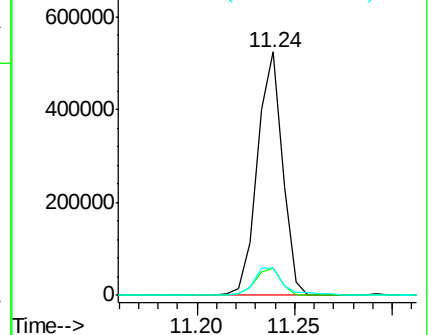
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 26.178 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

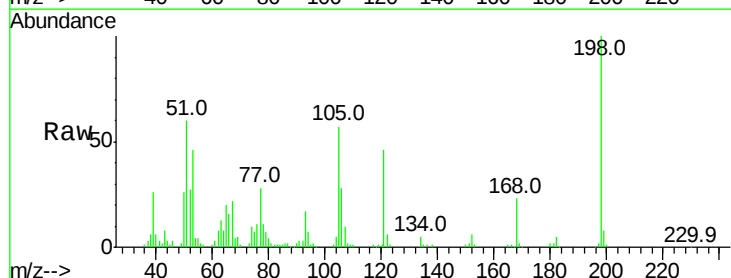
Tgt Ion:198 Resp: 59016

Ion Ratio Lower Upper

198 100

51 60.2 37.7 77.7

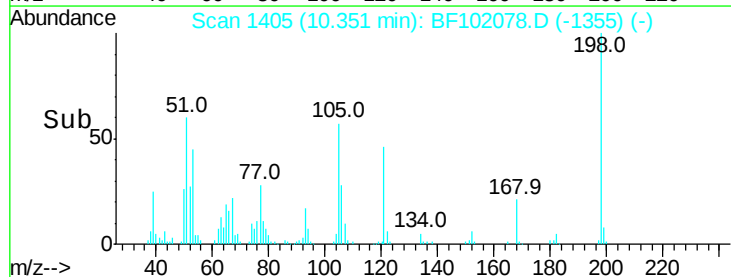
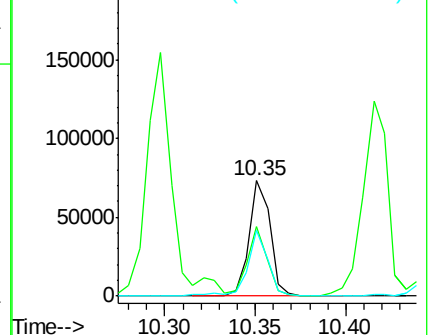
105 56.5 36.3 76.3

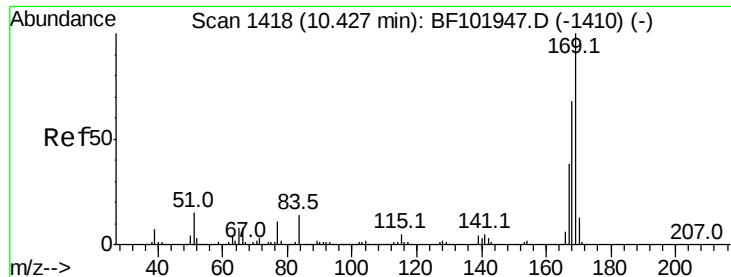


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.456 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

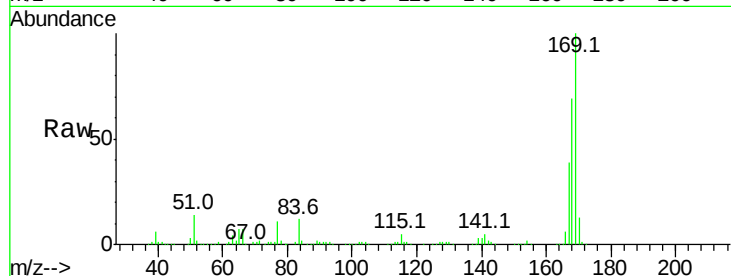
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 742709

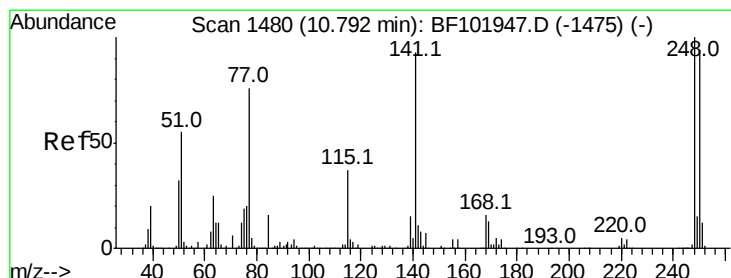
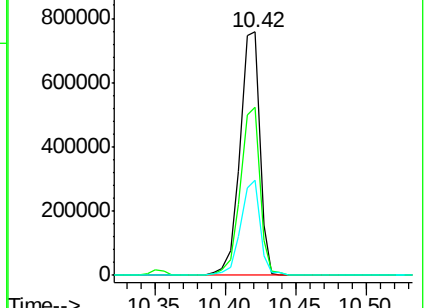
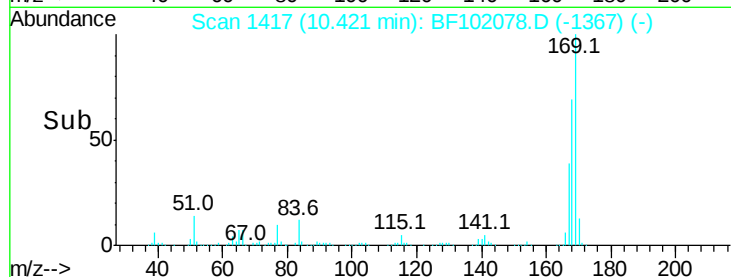
Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.4	81.6
167	39.0	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.276 ng

RT: 10.79 min Scan# 1479

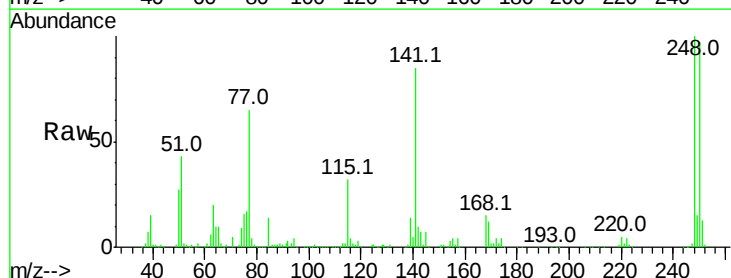
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:248 Resp: 218437

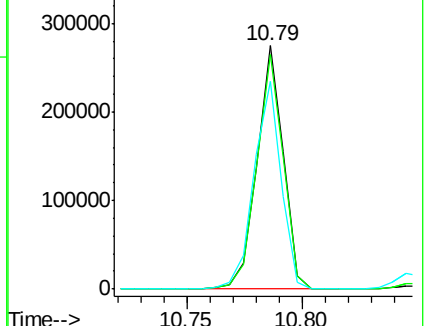
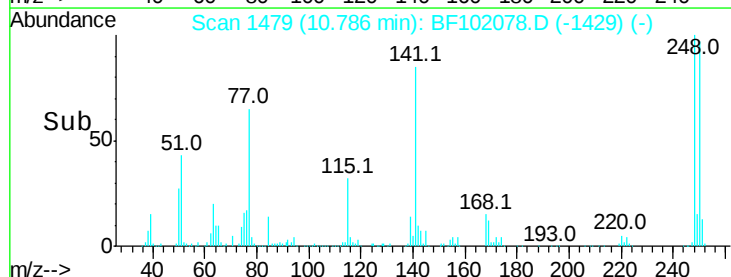
Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	85.5	74.4	111.6

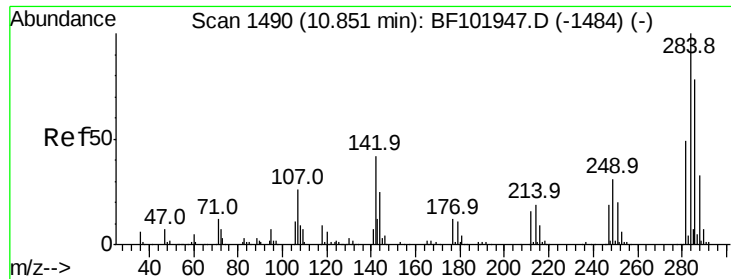


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.591 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

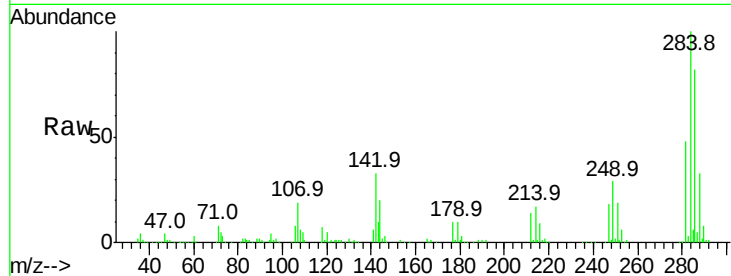
Tot Ion:284 Resp: 213235

Ion Ratio Lower Upper

284 100

142 33.3 34.6 52.0#

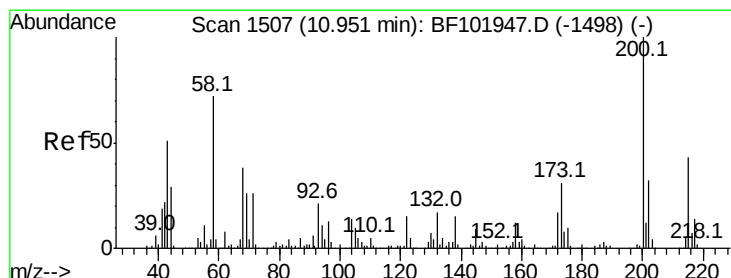
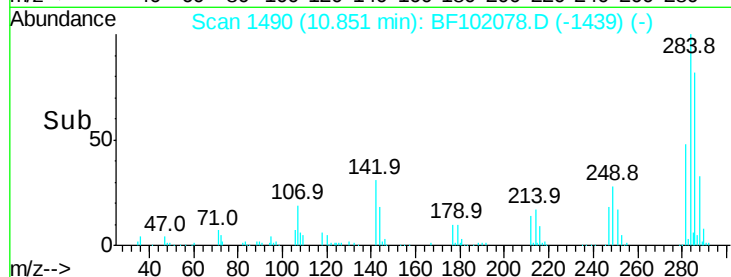
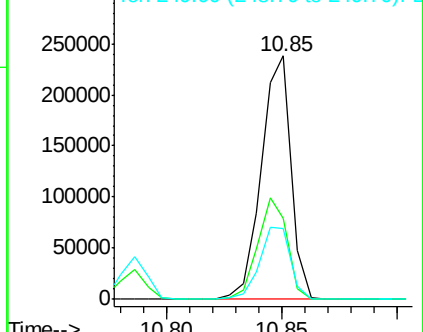
249 28.9 24.8 37.2



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: 45.340 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

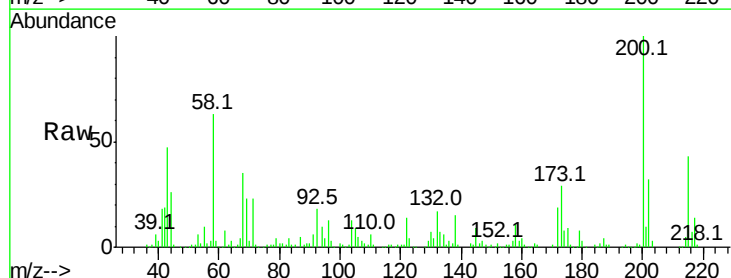
Tgt Ion:200 Resp: 229220

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

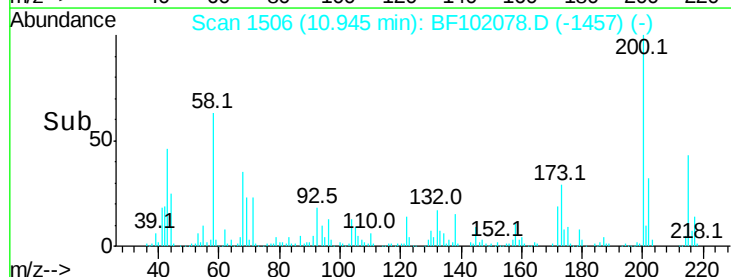
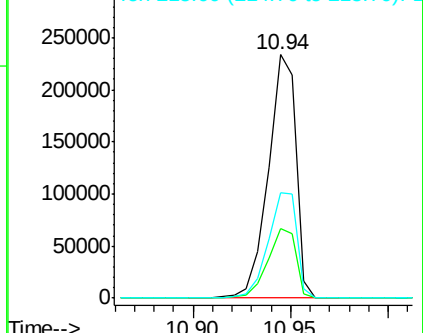
215 43.4 25.1 65.1

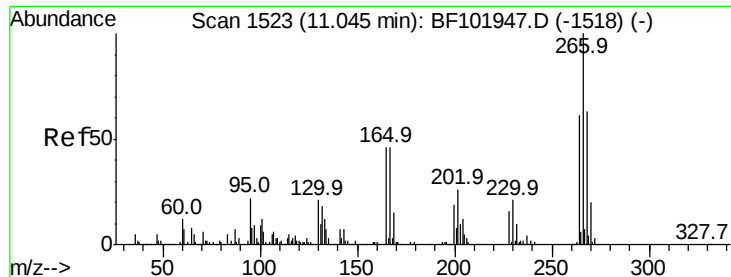


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

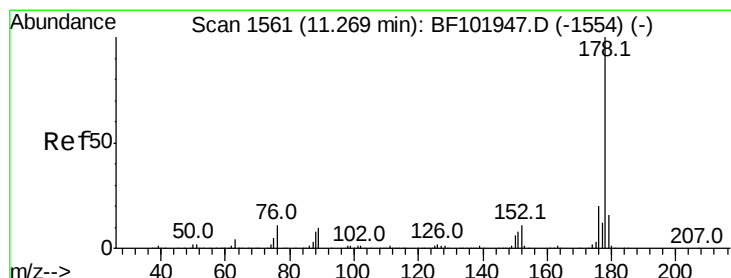
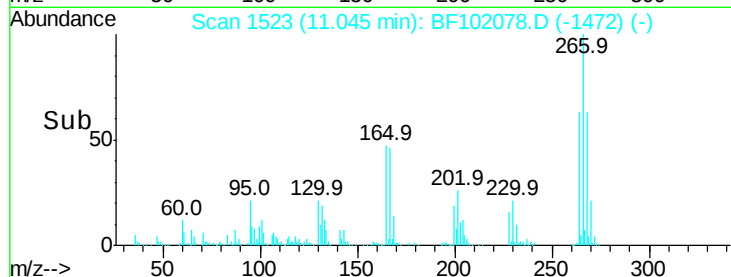
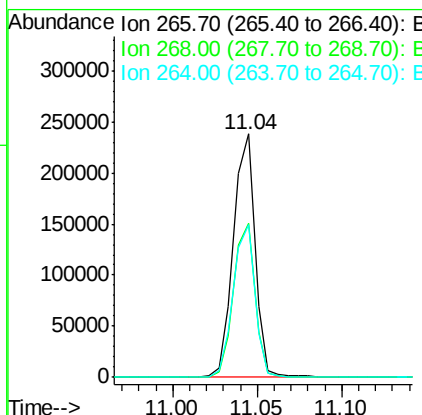
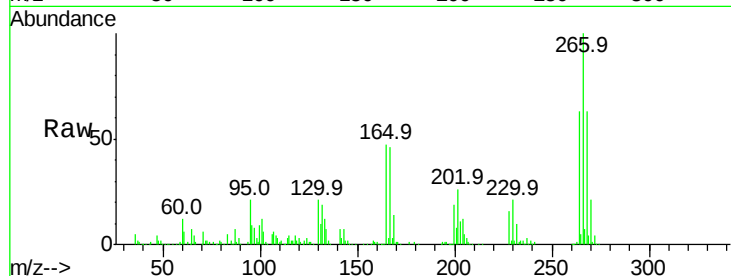




#69
 Pentachlorophenol
 Concen: 64.663 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

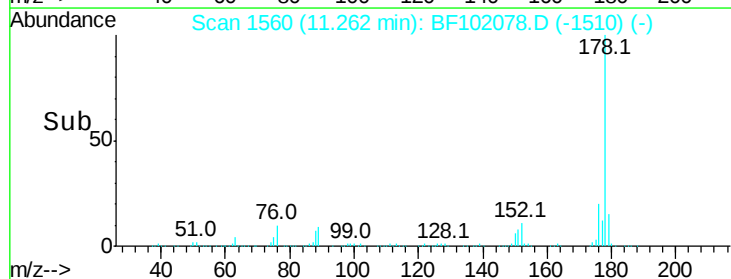
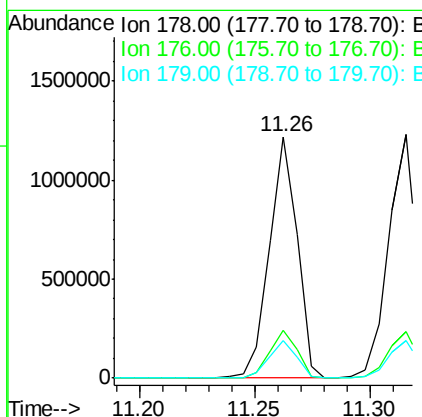
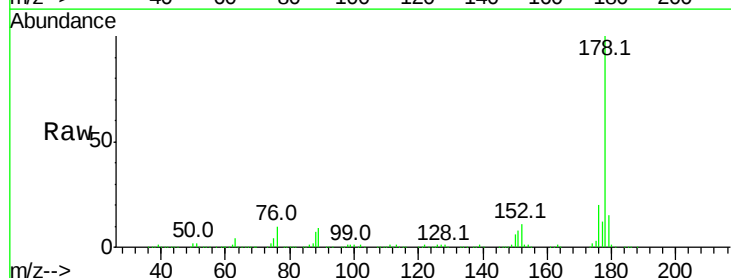
Instrument :
 BNA_F
 ClientSampleId :

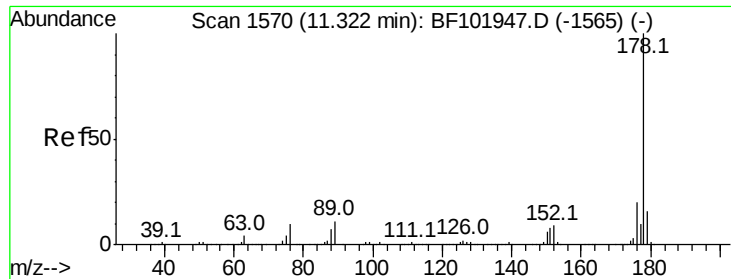
Tot Ion:266 Resp: 212370
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 37.451 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:178 Resp: 1022014
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 13.0 19.6



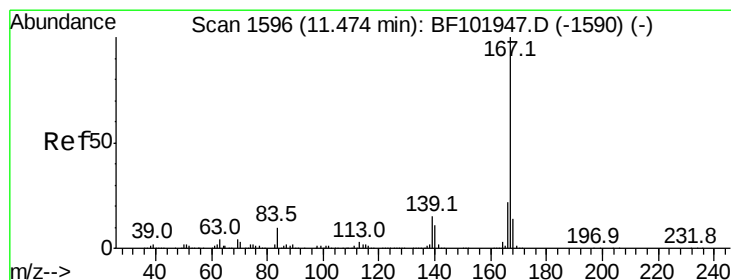
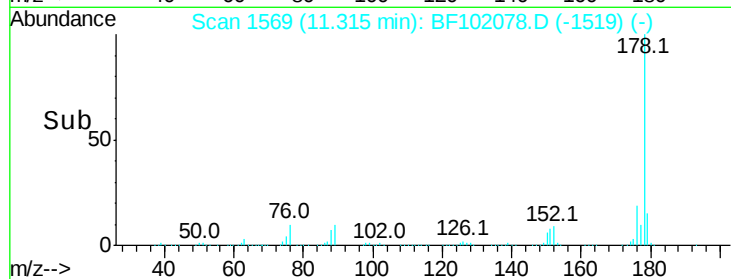
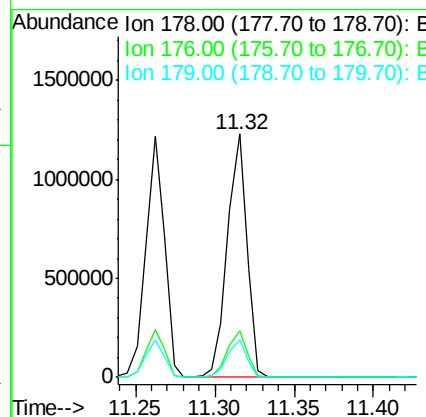
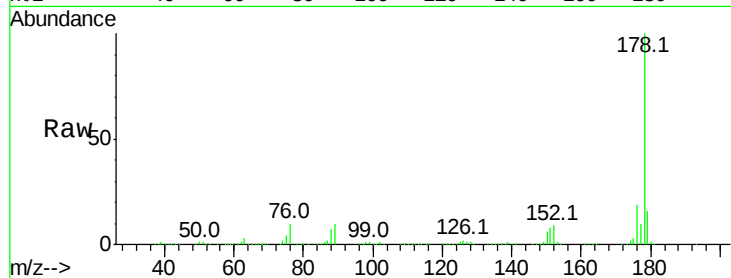


#71
 Anthracene
 Concen: 38.092 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1054255

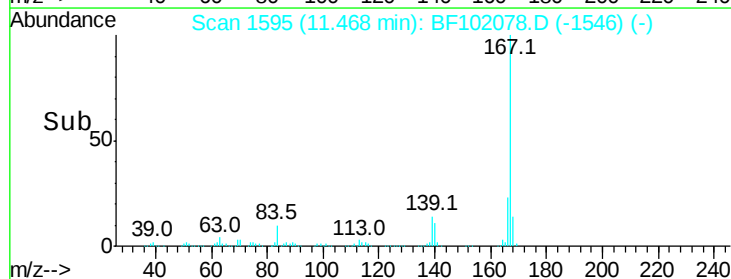
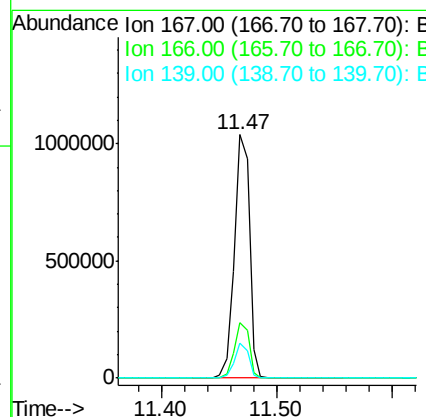
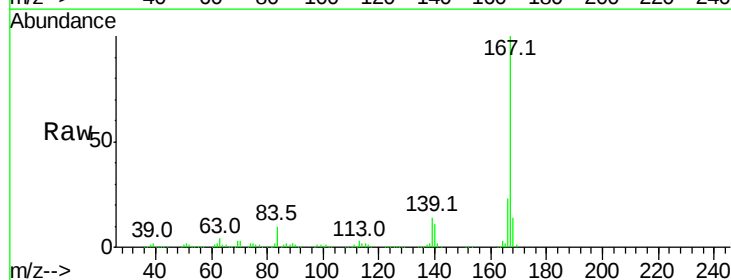
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0

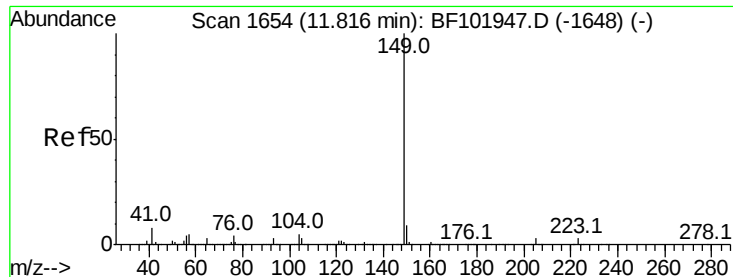


#72
 Carbazole
 Concen: 34.735 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:167 Resp: 944904

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	14.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.834 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

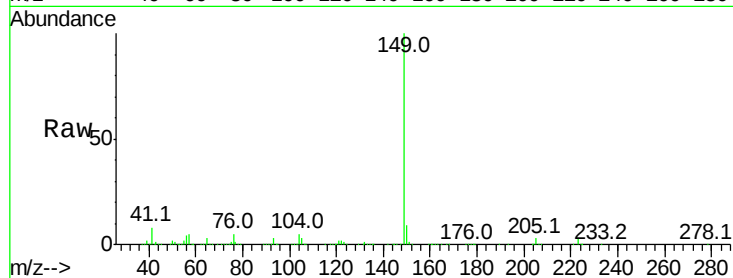
Tot Ion:149 Resp: 1329426

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

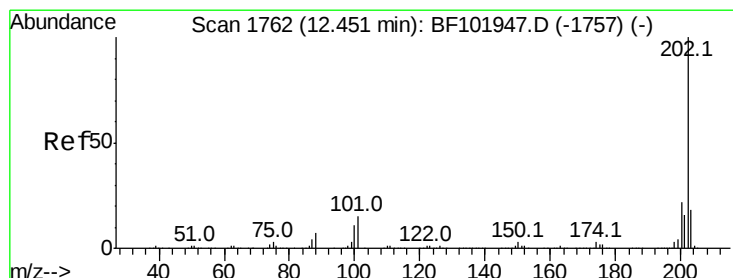
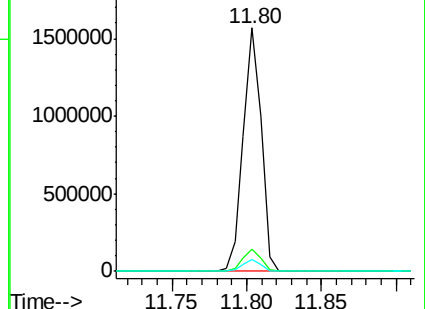
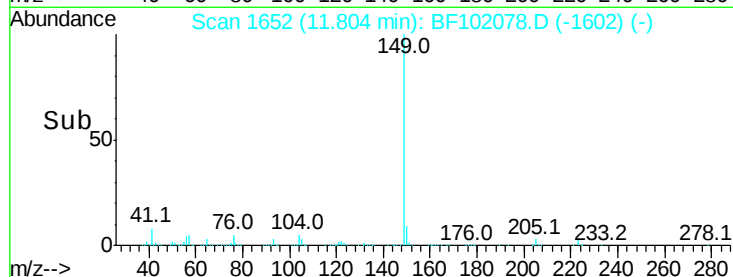
104 5.0 3.8 5.8



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: 33.434 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

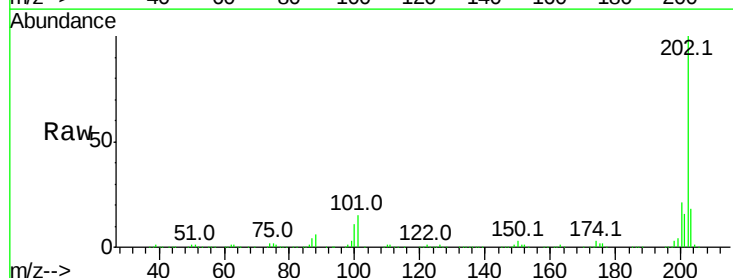
Tgt Ion:202 Resp: 897652

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

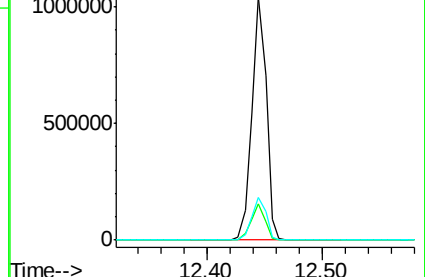
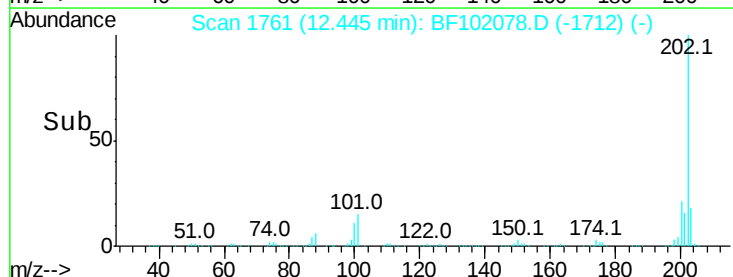
203 17.6 0.0 38.1

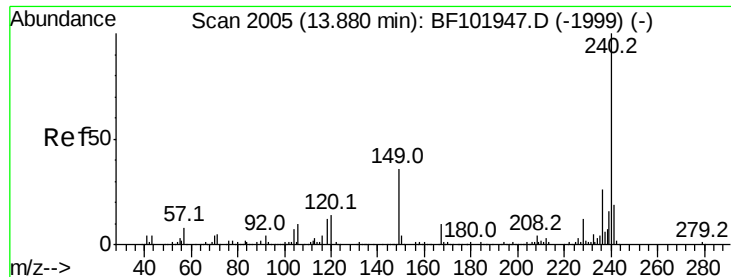


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampled :

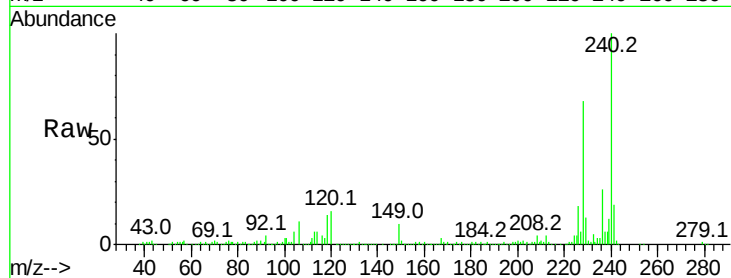
Tot Ion:240 Resp: 314893

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

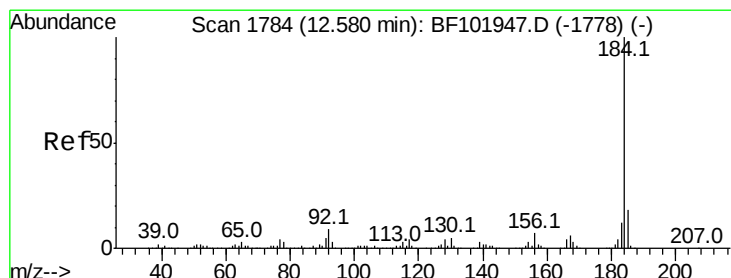
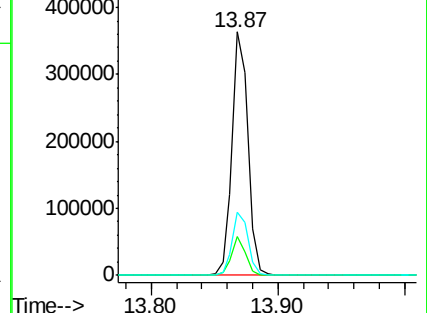
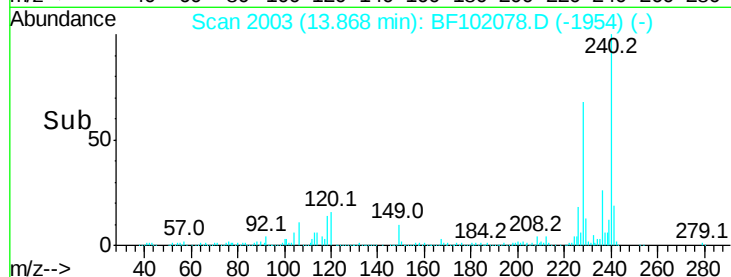
236 25.9 20.7 31.1



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: 15.933 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

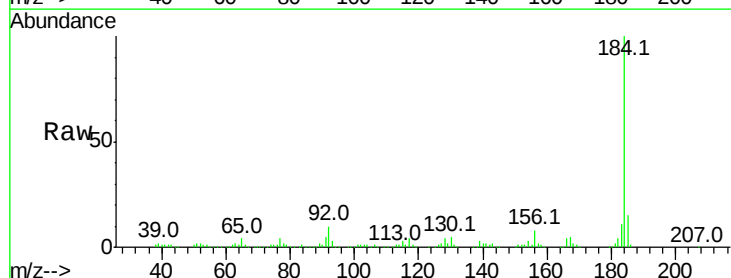
Tgt Ion:184 Resp: 242273

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

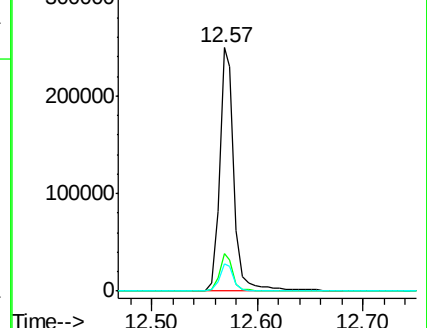
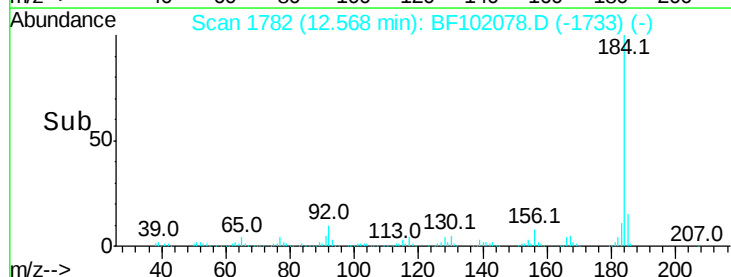
183 11.4 9.3 13.9

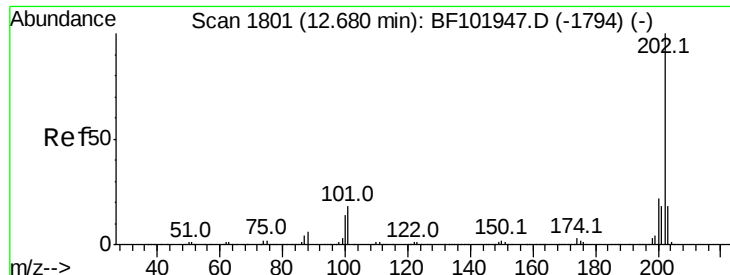


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

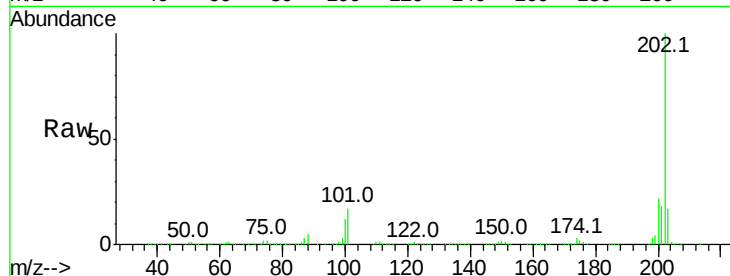




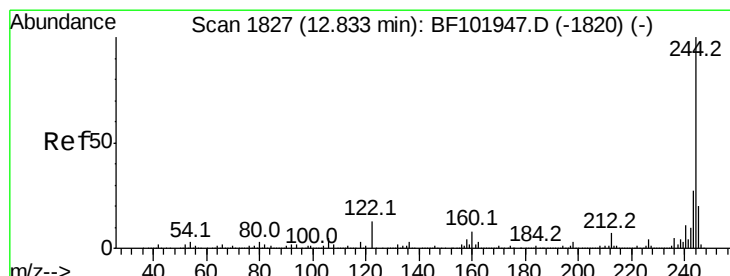
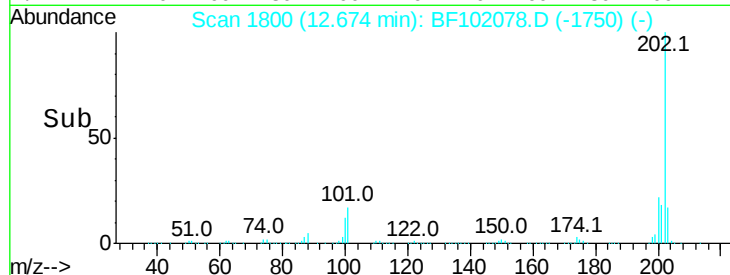
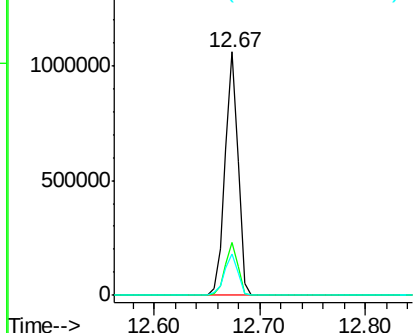
#77
Pvrene
Concen: 32.778 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 912353
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.1 14.3 21.5

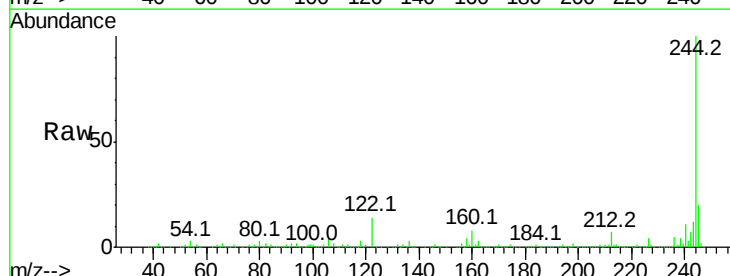


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

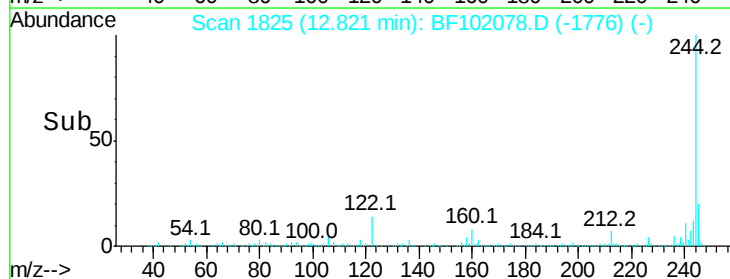
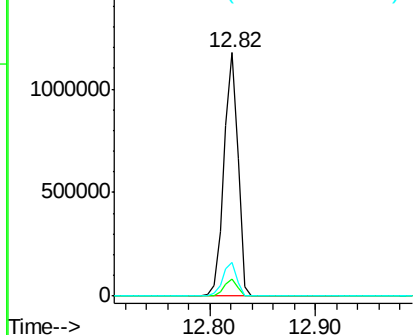


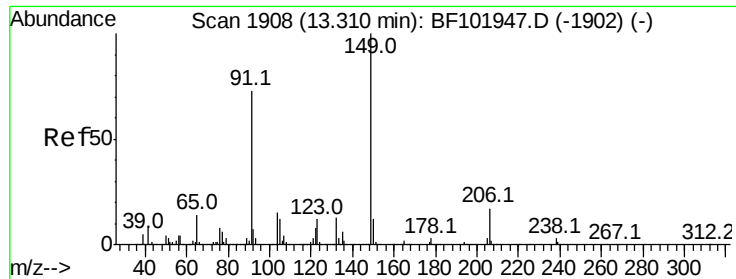
#78
Terphenyl-d14
Concen: 72.158 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:244 Resp: 1094368
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 14.0 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

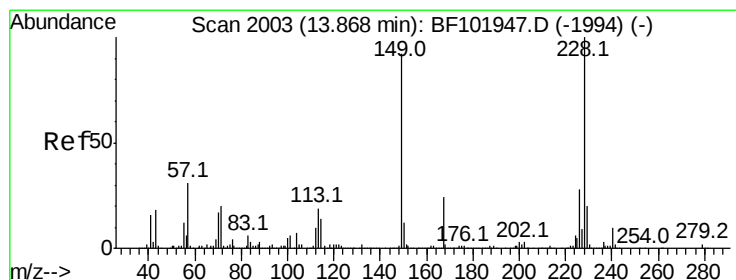
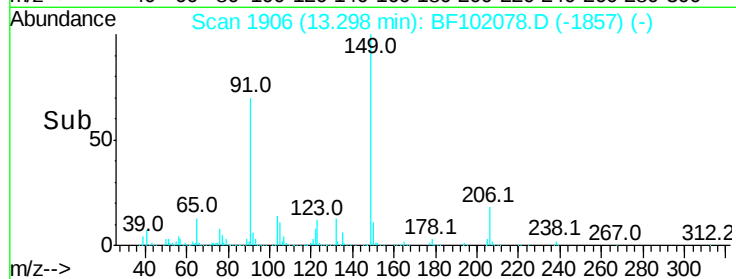
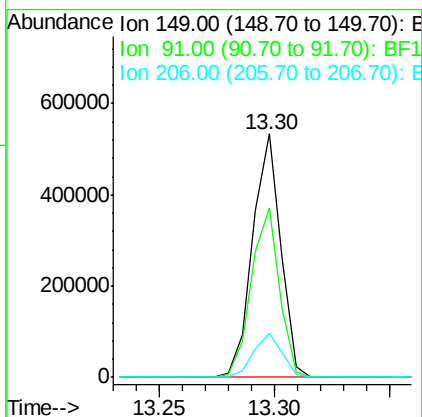
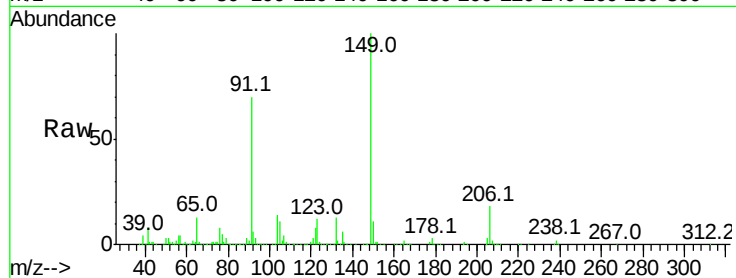




#79
Butylbenzylphthalate
Concen: 35.550 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

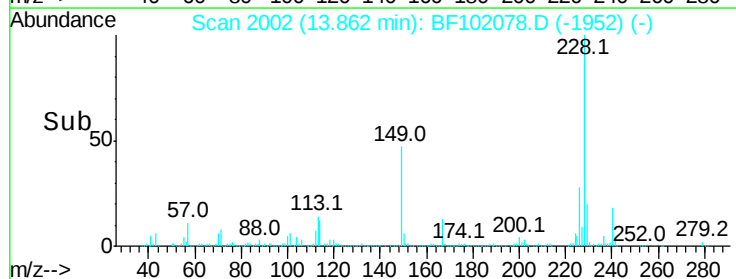
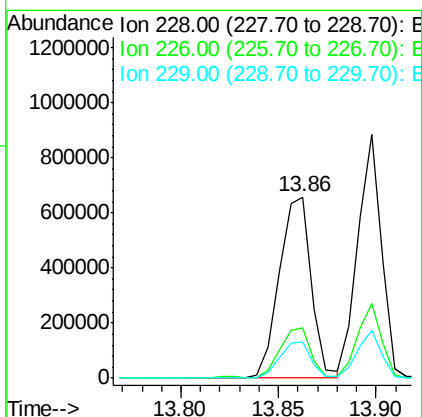
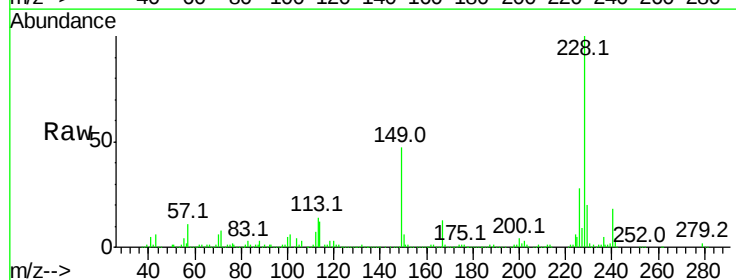
Instrument :
BNA_F
ClientSampleId :

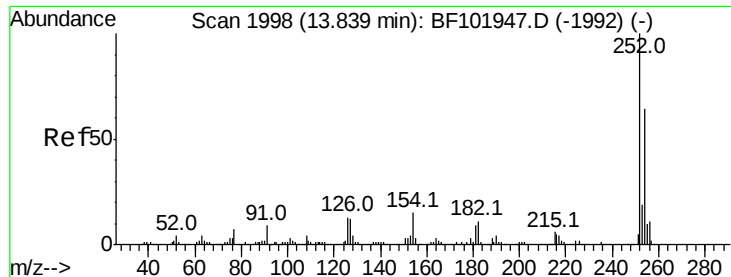
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.005 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.933 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

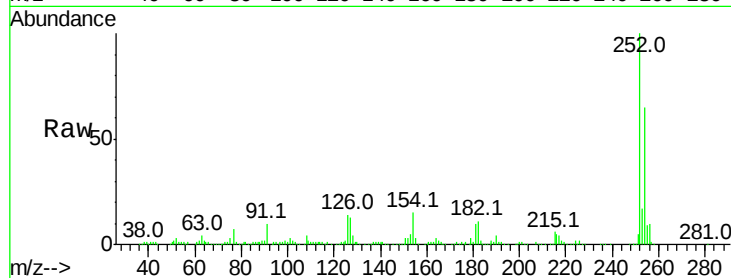
Tot Ion:252 Resp: 237548

Ion Ratio Lower Upper

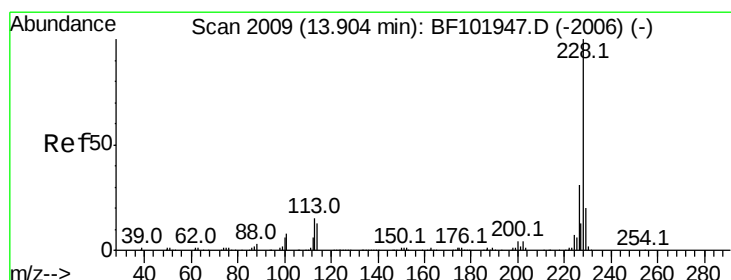
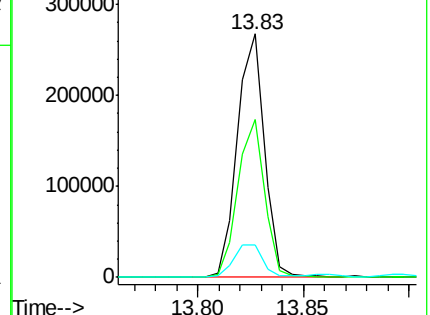
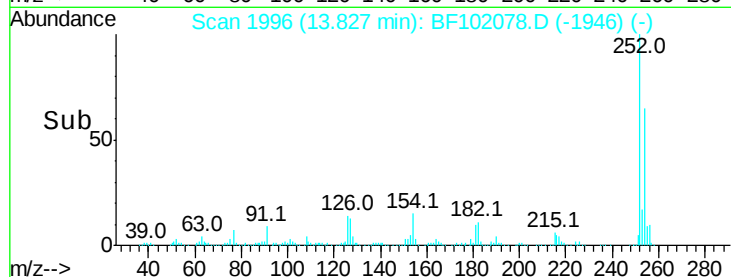
252 100

254 65.0 50.4 75.6

126 13.5 11.3 16.9



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



#82

Chrysene

Concen: 35.787 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

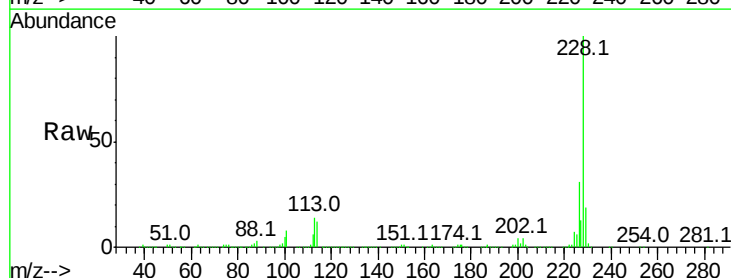
Tgt Ion:228 Resp: 749717

Ion Ratio Lower Upper

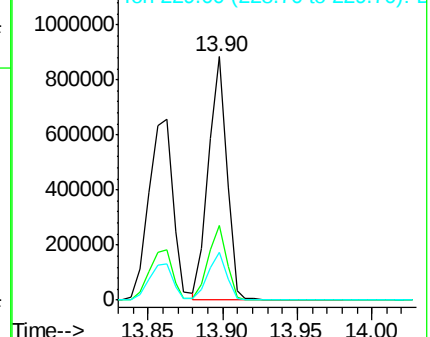
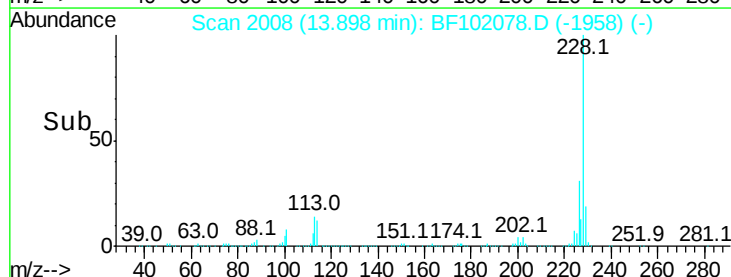
228 100

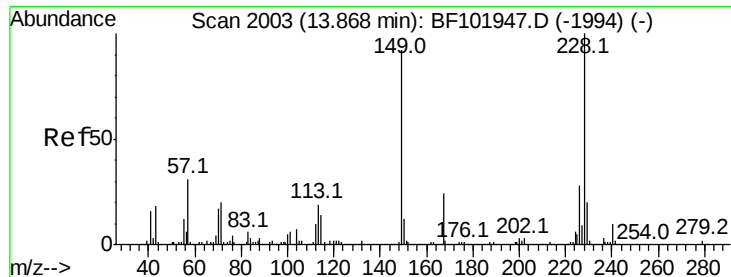
226 30.9 25.0 37.6

229 19.4 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: 36.394 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

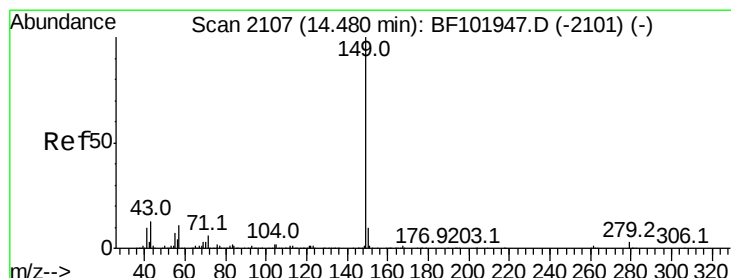
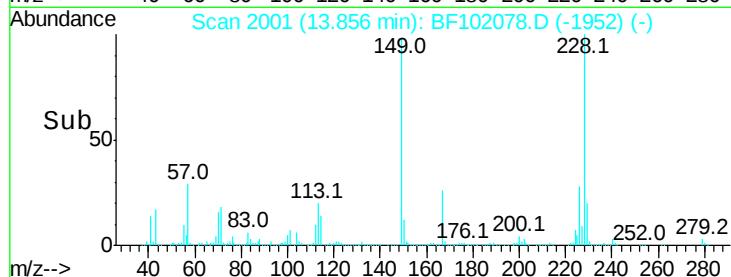
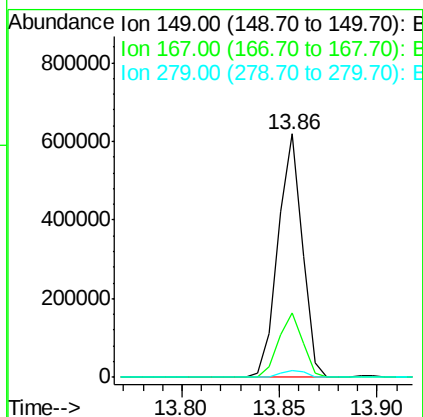
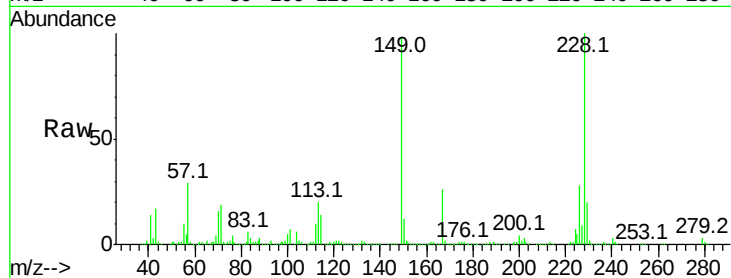
Tot Ion:149 Resp: 533307

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 2.9 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 44.395 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

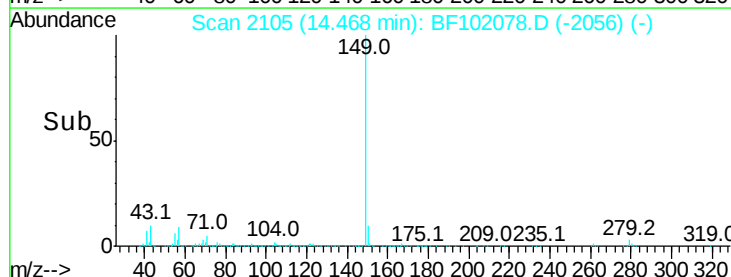
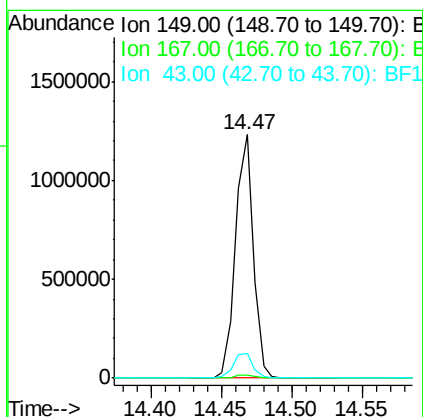
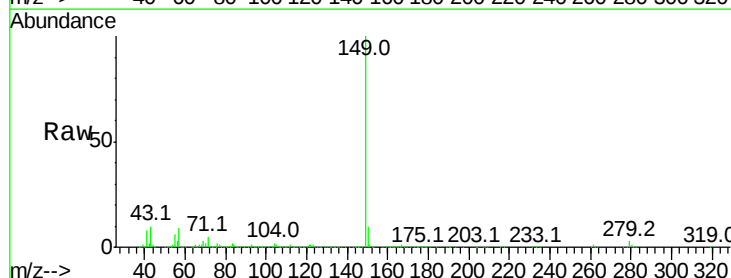
Tgt Ion:149 Resp: 1079531

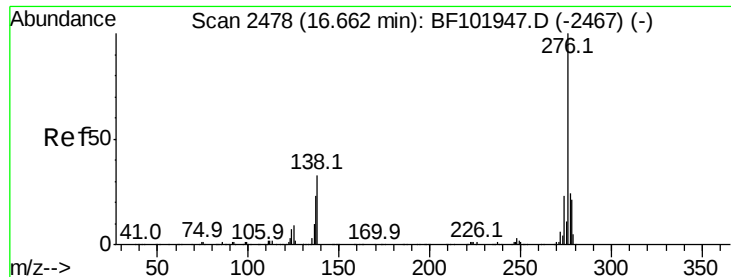
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 10.7 8.4 12.6



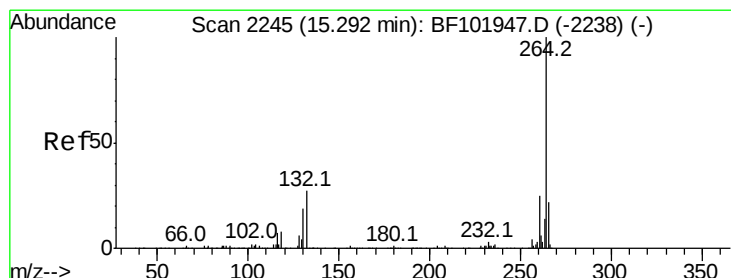
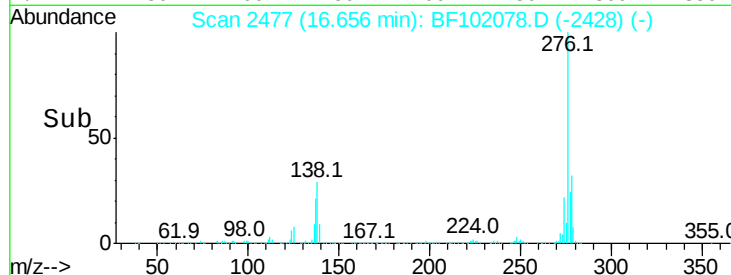
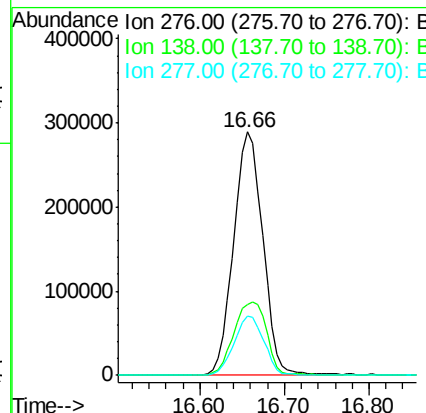
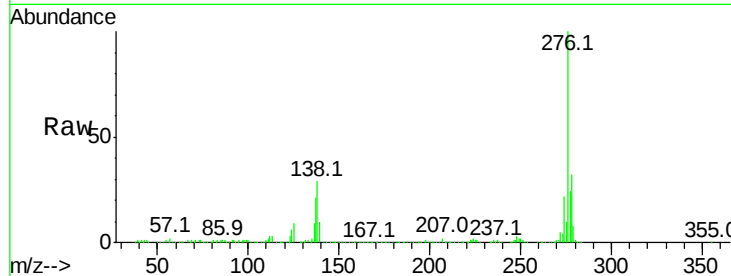


#85

Indeno(1,2,3-cd)pyrene
Concen: 45.277 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :

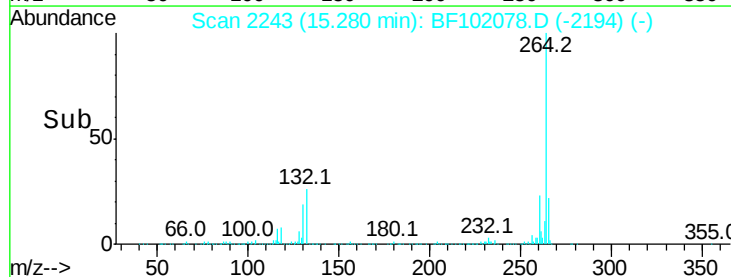
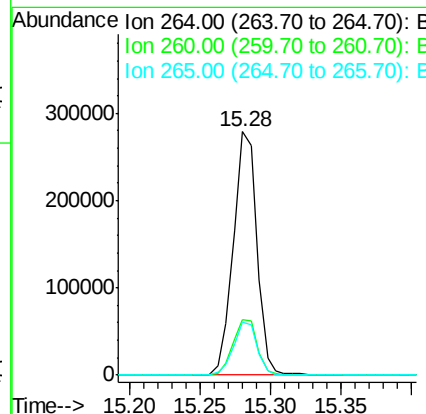
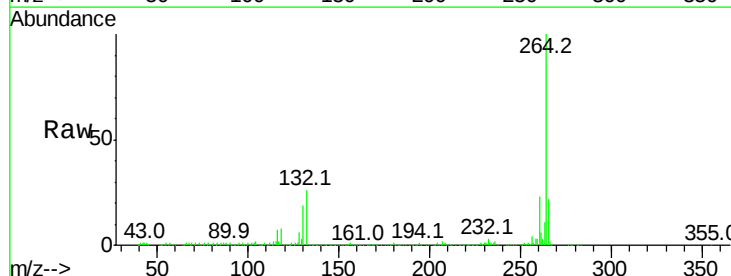
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.0	20.1	30.1

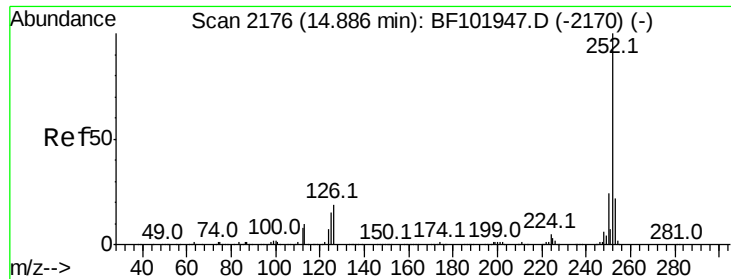


#86

Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3

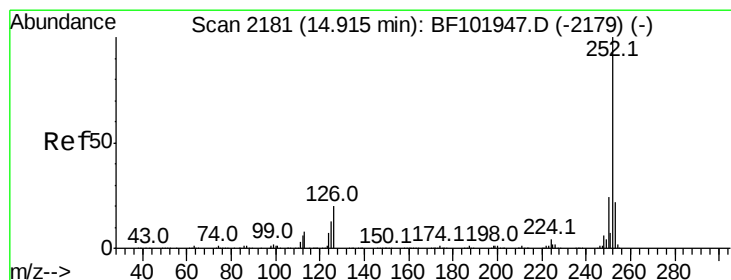
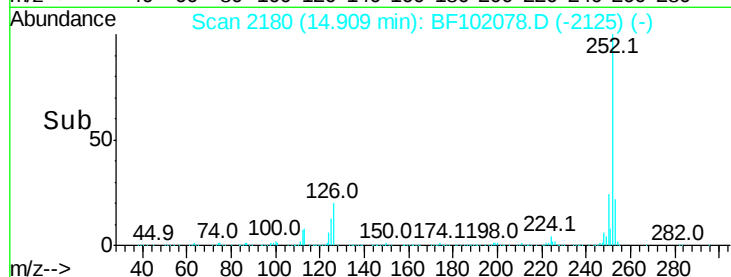
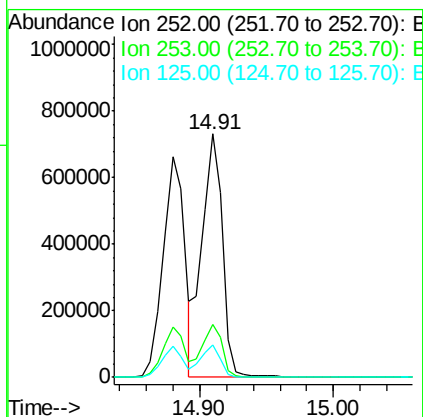
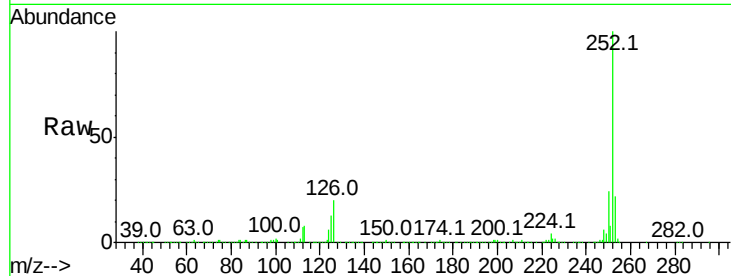




#87
Benzo(b)fluoranthene
Concen: 36.616 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

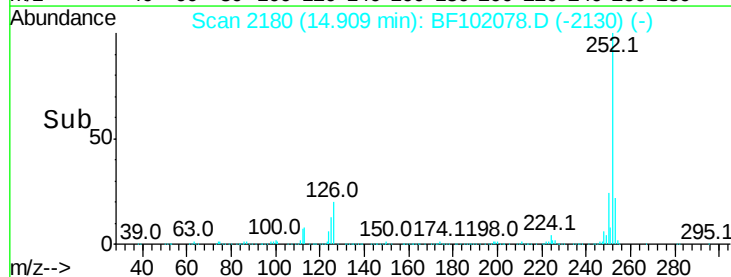
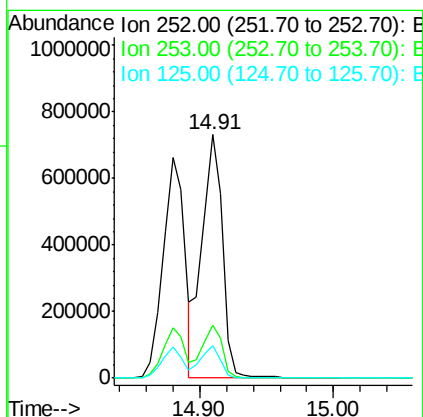
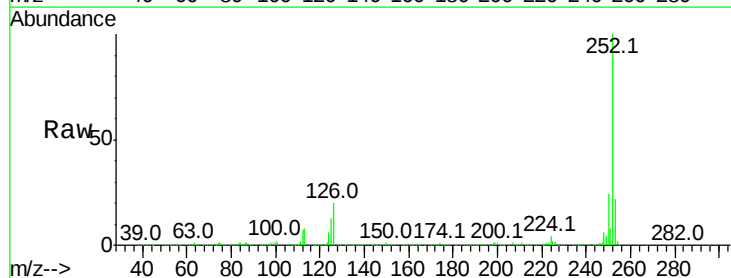
Instrument :
BNA_F
ClientSampleId :

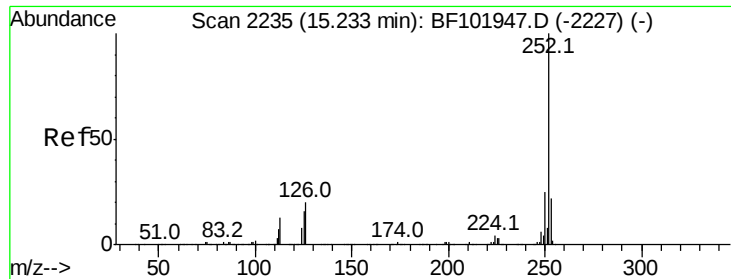
Tot Ion:252 Resp: 775712
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.957 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:252 Resp: 775712
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.436 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

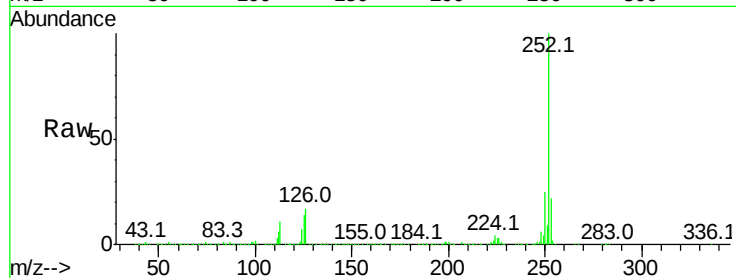
Tot Ion:252 Resp: 732740

Ion Ratio Lower Upper

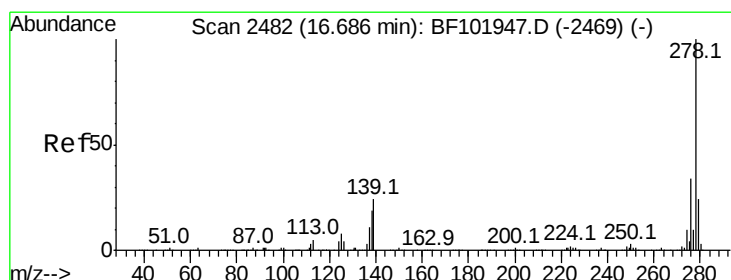
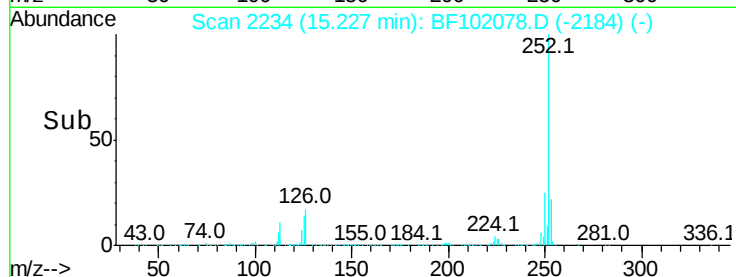
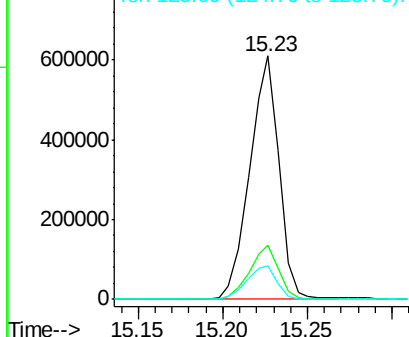
252 100

253 22.2 17.1 25.7

125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.920 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

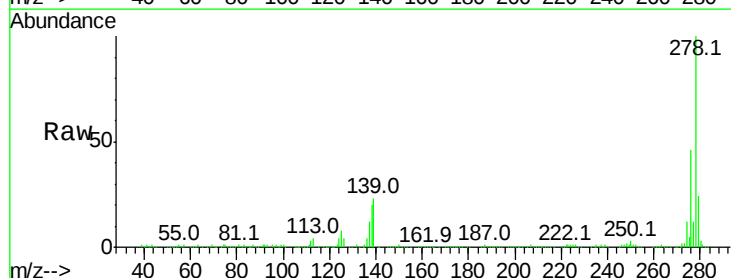
Tgt Ion:278 Resp: 576888

Ion Ratio Lower Upper

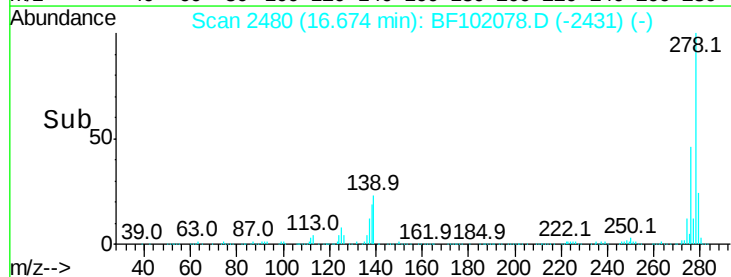
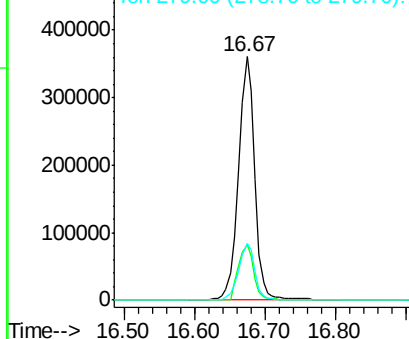
278 100

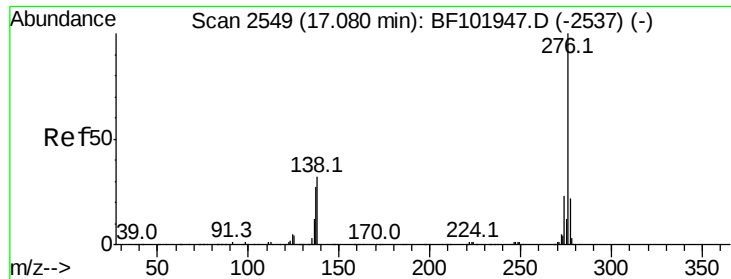
139 22.8 15.9 23.9

279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

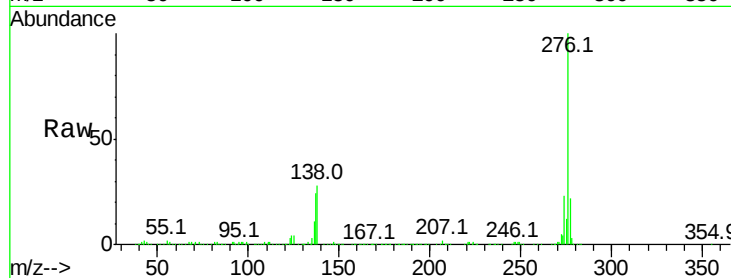




#91
 Benzo(a,h,i)perylene
 Concen: 36.099 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	28.0	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

