

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102076.D
 Acq On : 15 Jan 2018 21:20
 Operator : SJ/JU
 Sample : J1117-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:46:17 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	208074	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	821034	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	324470	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452749	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328580	20.00	ng	0.00
86) Perylene-d12	15.29	264	318189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1612750	109.45	ng	0.02
7) Phenol-d6	6.37	99	1945254	110.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	1264664	90.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	310671	109.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1817197	87.50	ng	0.00
78) Terphenyl-d14	12.82	244	1154375	72.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	239985	32.635	ng	96
3) Pyridine	3.18	79	300208	14.949	ng	94
4) n-Nitrosodimethylamine	3.13	42	316721	37.662	ng	100
6) Aniline	6.39	93	426558	17.216	ng	98
8) 2-Chlorophenol	6.51	128	562303	38.049	ng	99
9) Benzaldehyde	6.27	77	103694	8.495	ng	99
10) Phenol	6.38	94	695982	35.030	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	560301	37.051	ng	99
12) 1,3-Dichlorobenzene	6.66	146	602076	35.341	ng	99
13) 1,4-Dichlorobenzene	6.74	146	603121	35.479	ng	100
14) 1,2-Dichlorobenzene	6.89	146	556285	35.355	ng	99
15) Benzyl Alcohol	6.87	79	461014	35.849	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	954135	34.227	ng	99
17) 2-Methylphenol	6.99	107	467873	35.095	ng	99
18) Hexachloroethane	7.23	117	204106	34.096	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	380853	33.057	ng	97
20) 3+4-Methylphenols	7.14	107	514229	32.125	ng	# 63
22) Acetophenone	7.14	105	757367	38.285	ng	# 89
24) Nitrobenzene	7.31	77	586463	39.063	ng	99
25) Isophorone	7.55	82	1070011	38.759	ng	98
26) 2-Nitrophenol	7.63	139	312288	49.698	ng	90
27) 2,4-Dimethylphenol	7.66	122	441992	37.663	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	681686	40.895	ng	99
29) 2,4-Dichlorophenol	7.86	162	446535	40.072	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	437585	37.542	ng	98
31) Naphthalene	8.03	128	1535168	37.420	ng	99
32) Benzoic acid	7.75	122	72809	8.182	ng	95
33) 4-Chloroaniline	8.08	127	317624	18.139	ng	98
34) Hexachlorobutadiene	8.15	225	226459	36.705	ng	99
35) Caprolactam	8.45	113	97073	25.375	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	475845	39.011	ng	99
37) 2-Methylnaphthalene	8.72	142	1015900	37.614	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	393287	42.844	ng	99
40) Hexachlorocyclopentadiene	8.87	237	113517	22.612	ng	97

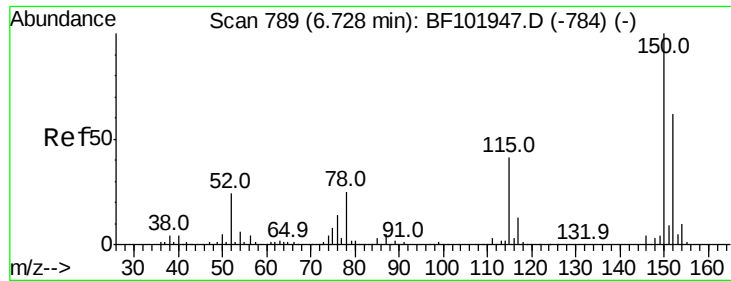
Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	277673	43.896	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	277723	38.845	ng	96
45) 1,1'-Biphenyl	9.19	154	1122151	39.127	ng	99
46) 2-Chloronaphthalene	9.21	162	849716	38.207	ng	98
47) 2-Nitroaniline	9.30	65	295993	44.431	ng	94
48) Acenaphthylene	9.62	152	1262050	35.758	ng	99
49) Dimethylphthalate	9.49	163	1186912	45.599	ng	99
50) 2,6-Dinitrotoluene	9.55	165	224700	43.217	ng	95
51) Acenaphthene	9.79	154	759983	35.476	ng	99
52) 3-Nitroaniline	9.72	138	226271	34.482	ng	95
53) 2,4-Dinitrophenol	9.82	184	35818	24.733	ng	# 18
54) Dibenzofuran	9.96	168	1089326	37.051	ng	98
55) 4-Nitrophenol	9.88	139	344128	70.372	ng	96
56) 2,4-Dinitrotoluene	9.95	165	274480	42.119	ng	97
57) Fluorene	10.31	166	779431	38.350	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197182	38.739	ng	99
59) Diethylphthalate	10.19	149	926061	35.766	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	342707	39.599	ng	95
61) 4-Nitroaniline	10.33	138	211421	33.950	ng	93
62) Azobenzene	10.46	77	876369	34.020	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	39285	19.754	ng	87
65) n-Nitrosodiphenylamine	10.42	169	719727	42.453	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	214008	44.760	ng	99
67) Hexachlorobenzene	10.85	284	209706	40.176	ng	92
68) Atrazine	10.95	200	226057	46.139	ng	98
69) Pentachlorophenol	11.05	266	200498	62.993	ng	99
70) Phenanthrene	11.26	178	998350	37.750	ng	99
71) Anthracene	11.32	178	1016973	37.916	ng	99
72) Carbazole	11.47	167	934778	35.458	ng	99
73) Di-n-butylphthalate	11.80	149	1258369	38.906	ng	100
74) Fluoranthene	12.45	202	887524	34.109	ng	99
77) Pyrene	12.67	202	910436	31.346	ng	99
79) Butylbenzylphthalate	13.30	149	450994	33.835	ng	97
80) Benzo(a)anthracene	13.86	228	752400	35.890	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	226756	29.212	ng	99
82) Chrysene	13.90	228	774460	35.428	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	548762	35.889	ng	99
84) Di-n-octyl phthalate	14.47	149	1116511	44.003	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	636100	39.980	ng	98
87) Benzo(b)fluoranthene	14.89	252	814045	39.237	ng	99
88) Benzo(k)fluoranthene	14.91	252	715046	35.727	ng	99
89) Benzo(a)pyrene	15.23	252	717339	38.423	ng	# 97
90) Dibenzo(a,h)anthracene	16.68	278	527496	35.406	ng	98
91) Benzo(g,h,i)perylene	17.07	276	501885	33.442	ng	98

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

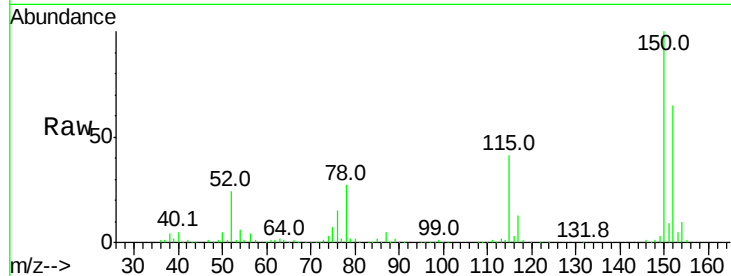


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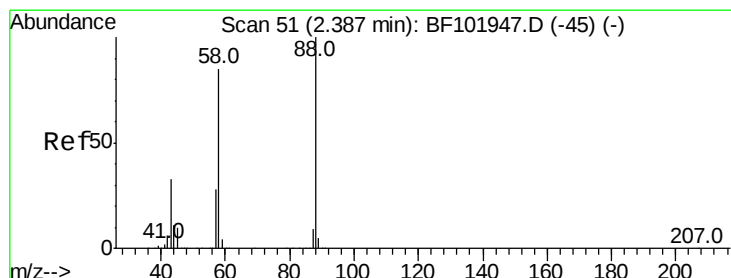
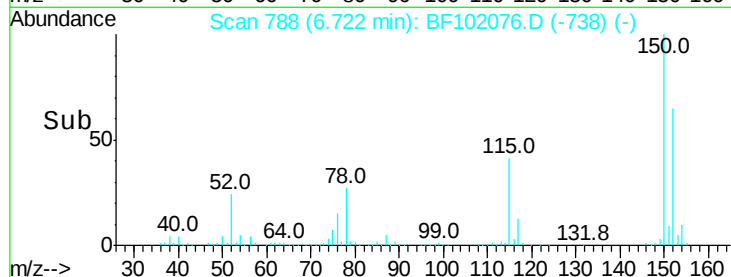
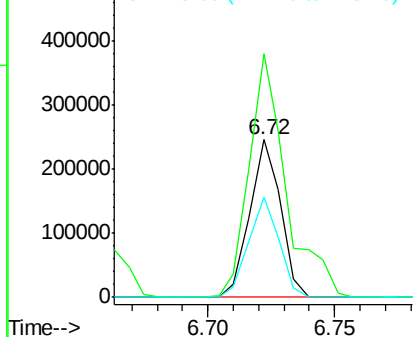
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208074
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 63.5 50.1 75.1



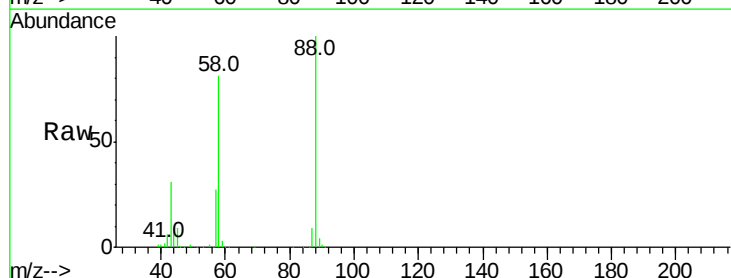
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



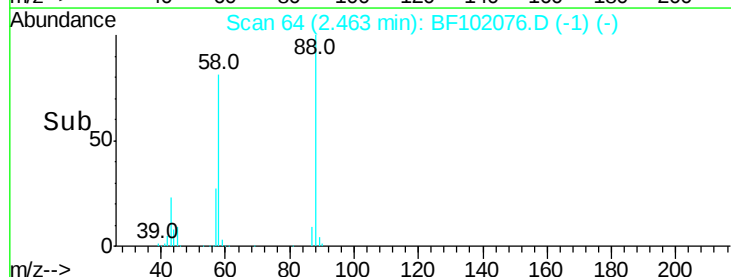
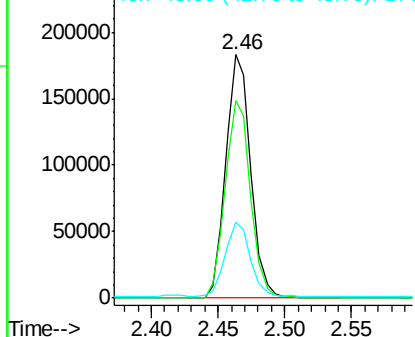
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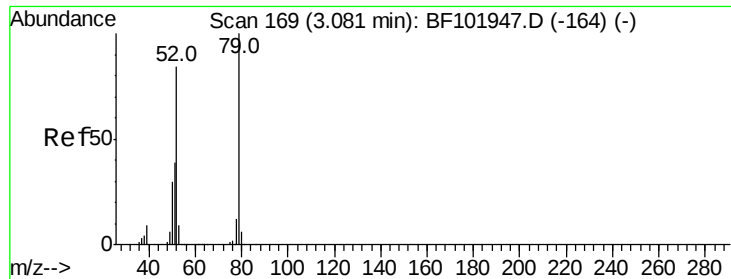
1,4-Dioxane
Concen: 32.635 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.07 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion: 88 Resp: 239985
Ion Ratio Lower Upper
88 100
58 83.1 62.6 93.8
43 30.9 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: 14.949 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

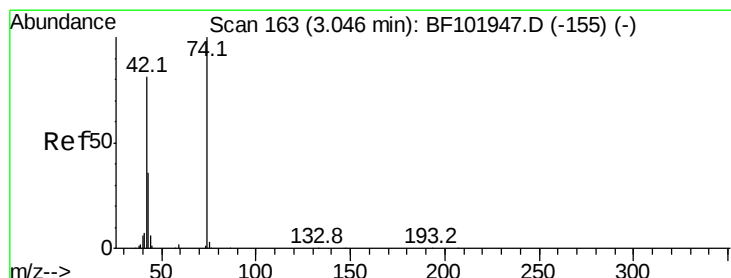
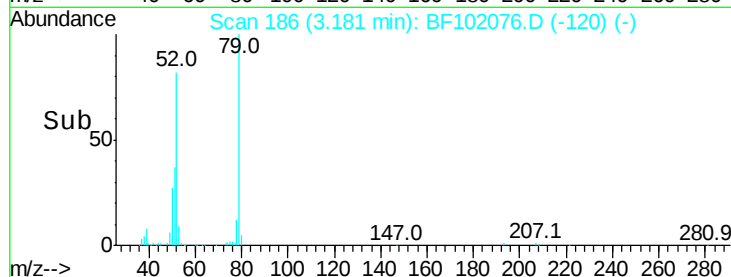
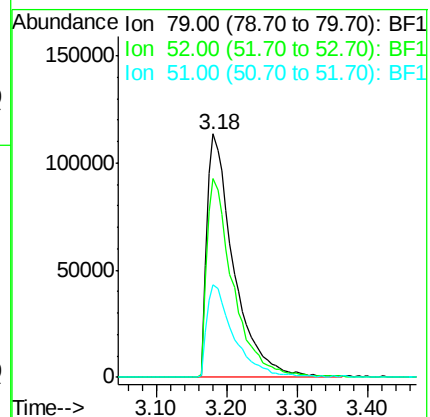
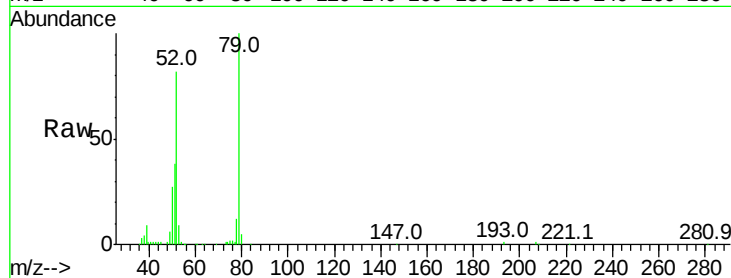
Tot Ion: 79 Resp: 300208

Ion Ratio Lower Upper

79 100

52 81.7 59.8 89.6

51 37.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.662 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.08 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

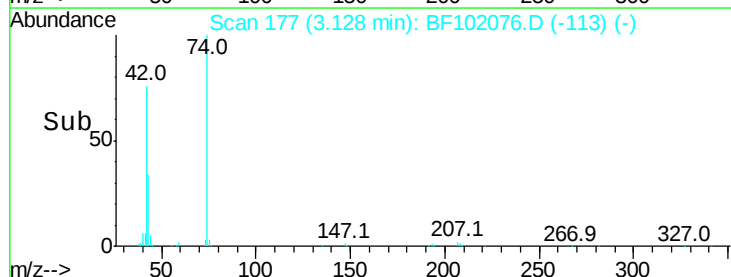
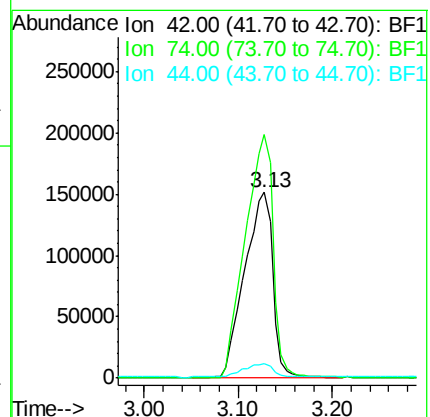
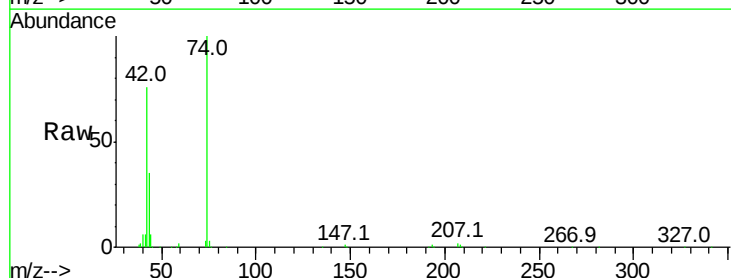
Tgt Ion: 42 Resp: 316721

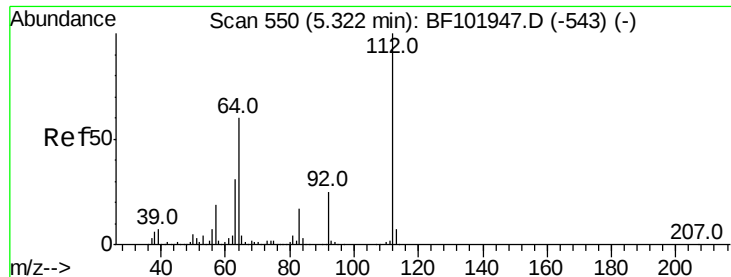
Ion Ratio Lower Upper

42 100

74 131.3 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 109.448 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

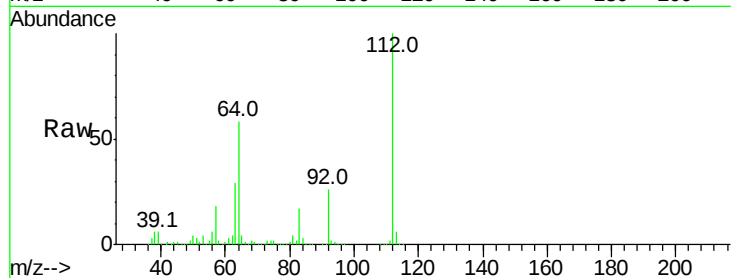
Tot Ion:112 Resp: 1612750

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

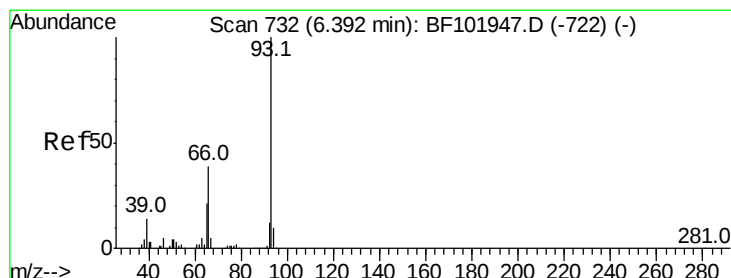
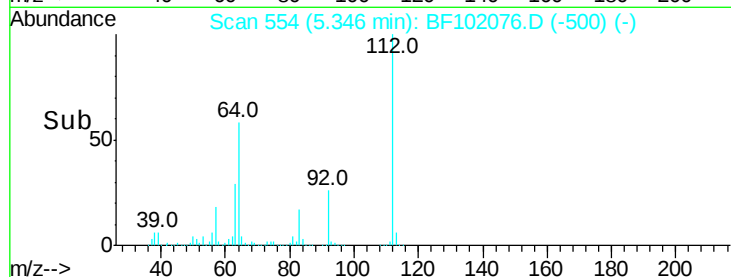
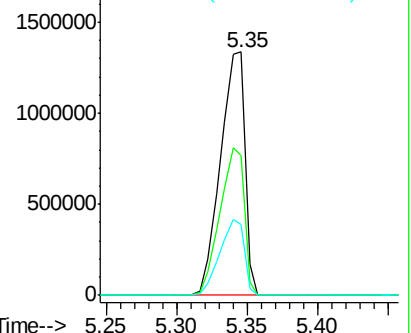
63 29.2 23.7 35.5



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: 17.216 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

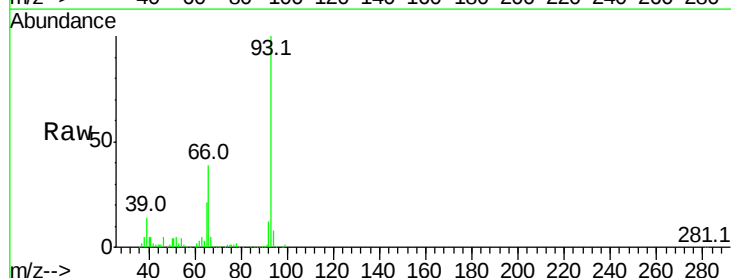
Tgt Ion: 93 Resp: 426558

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

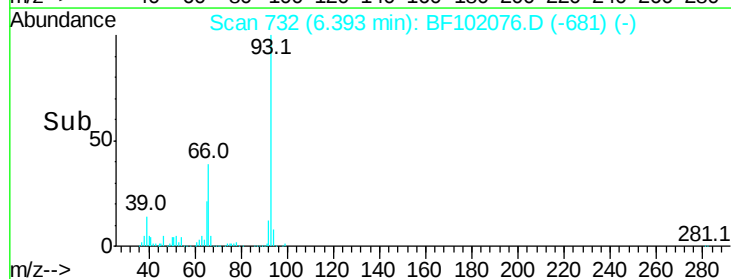
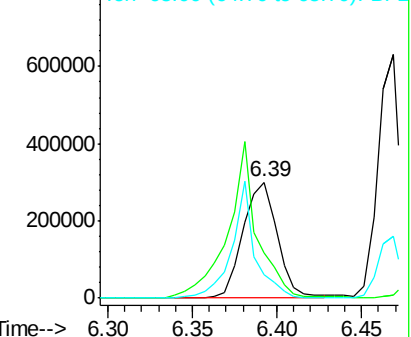
65 20.5 16.4 24.6

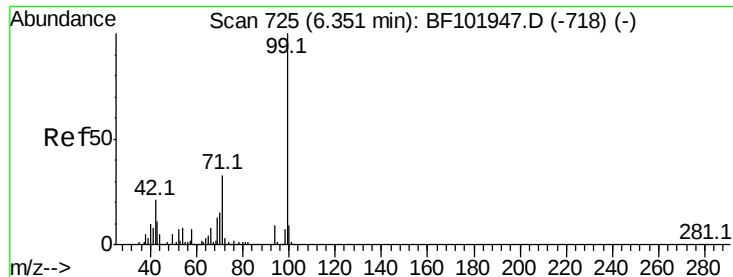


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.647 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

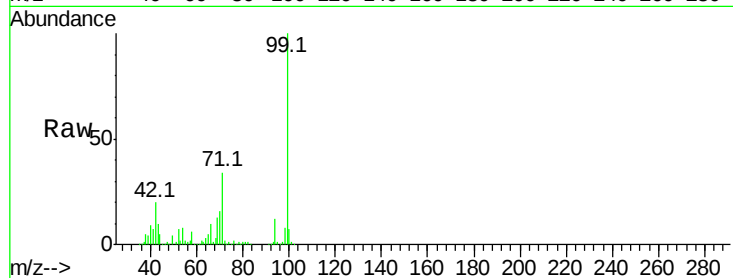
Tot Ion: 99 Resp: 1945254

Ion Ratio Lower Upper

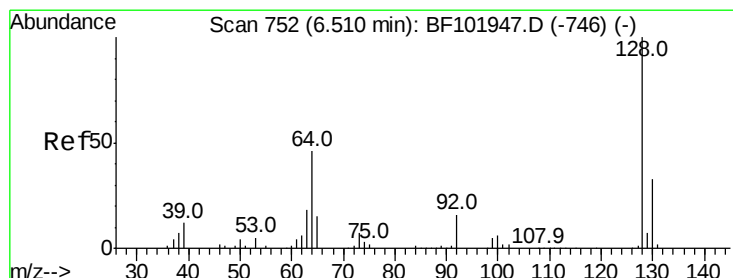
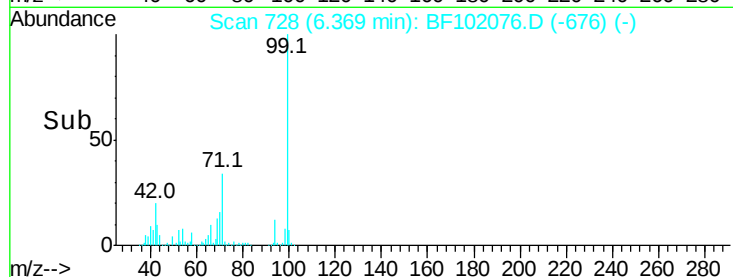
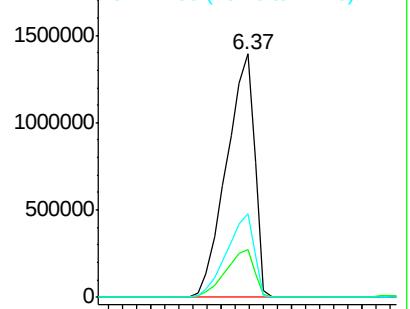
99 100

42 19.6 14.5 21.7

71 34.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.049 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

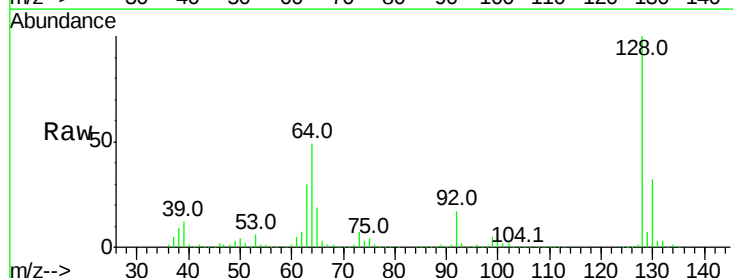
Tgt Ion:128 Resp: 562303

Ion Ratio Lower Upper

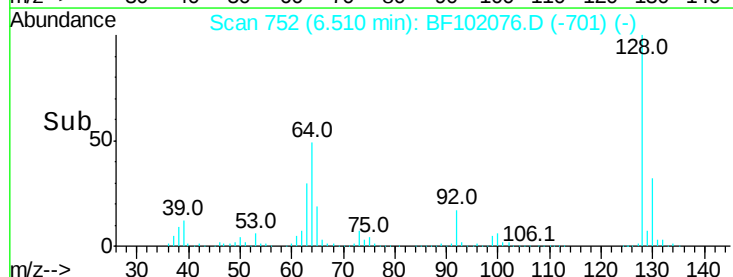
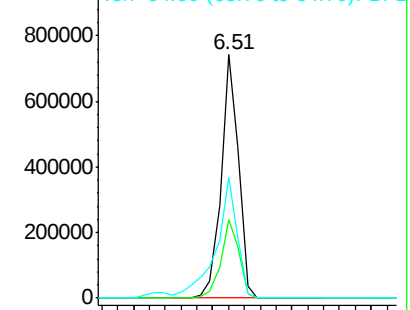
128 100

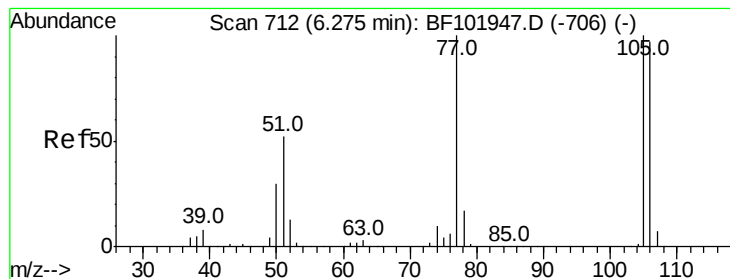
130 32.1 13.0 53.0

64 49.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 8.495 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

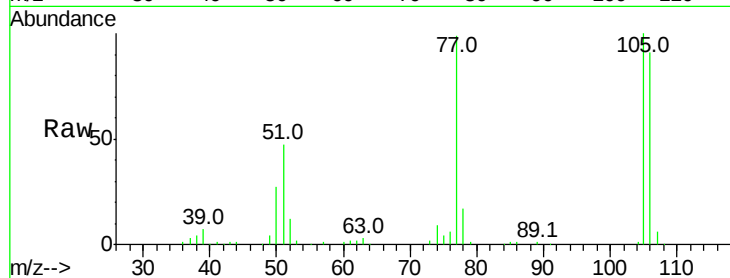
Tot Ion: 77 Resp: 103694

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

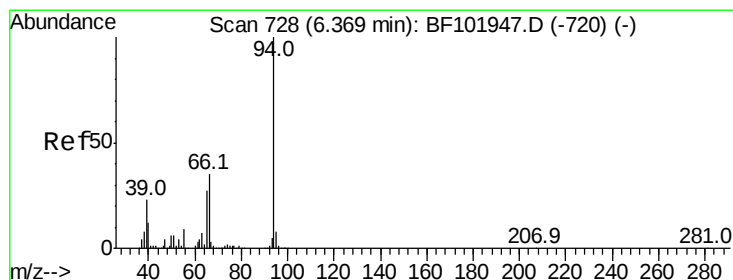
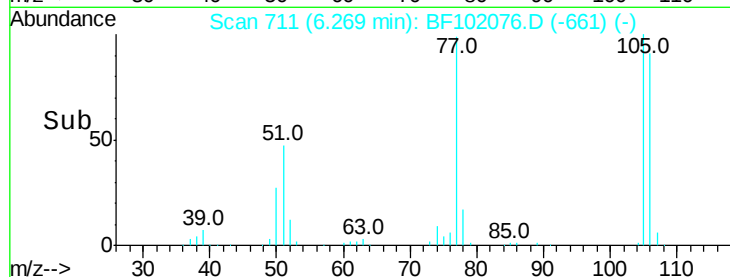
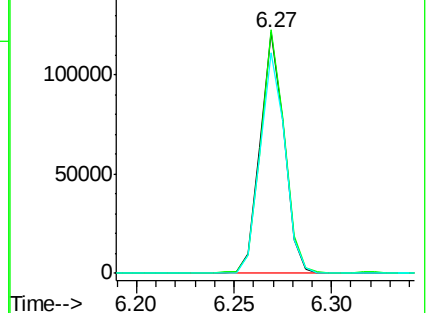
106 91.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.030 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

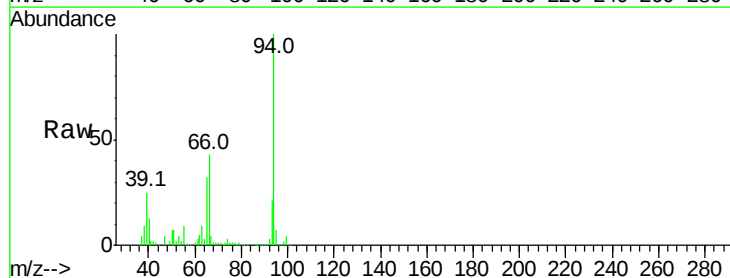
Tgt Ion: 94 Resp: 695982

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

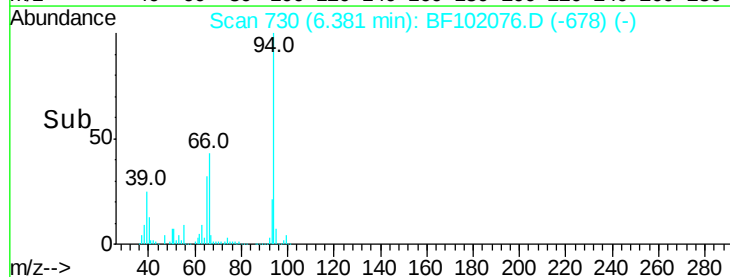
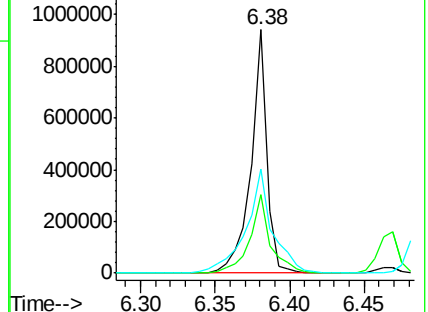
66 42.9 16.2 56.2

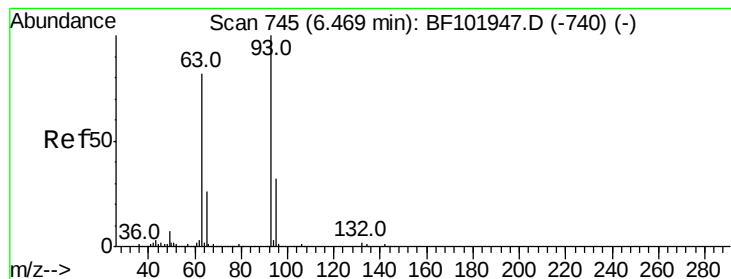


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

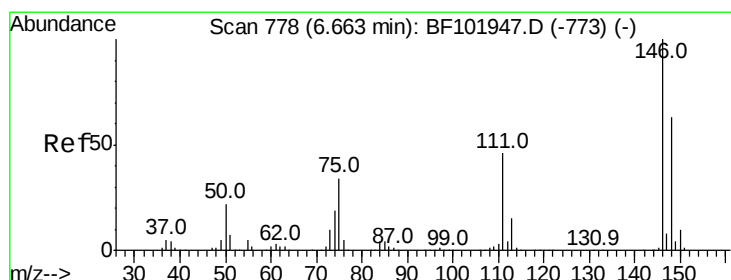
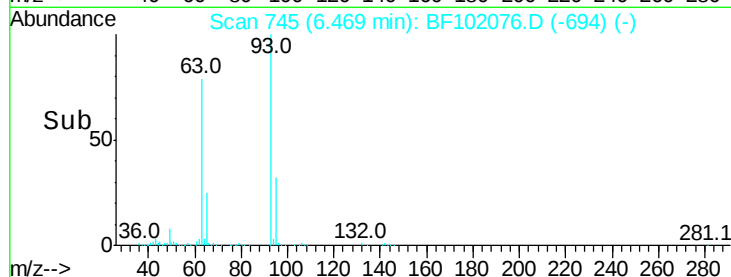
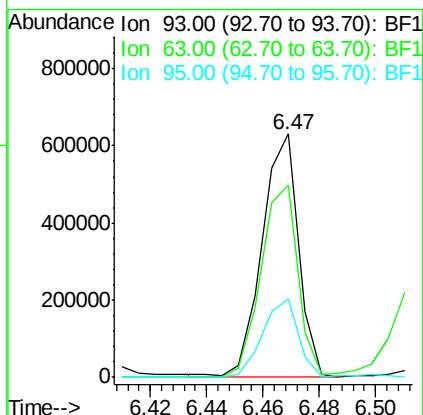
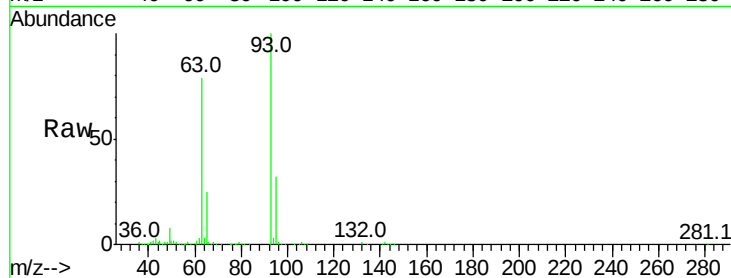




#11
bis(2-Chloroethyl)ether
Concen: 37.051 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

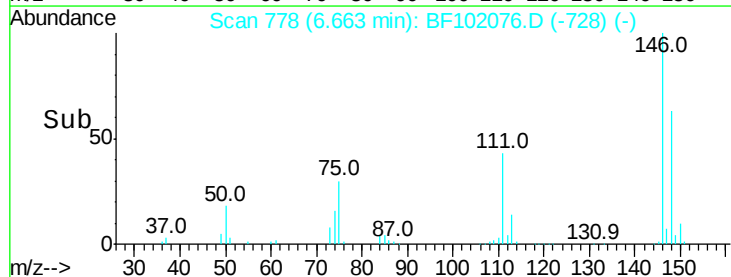
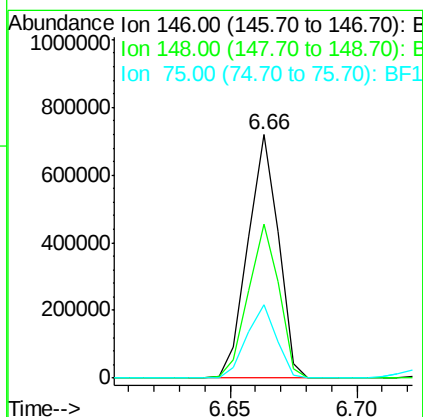
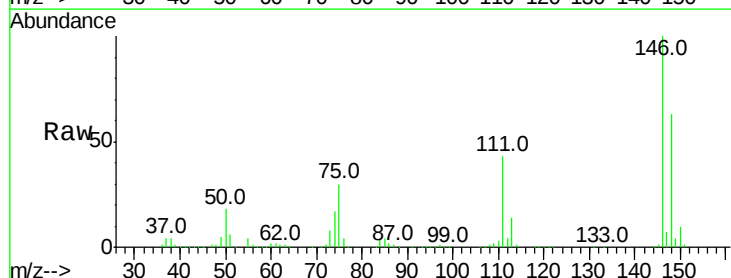
Instrument :
BNA_F
ClientSampleId :

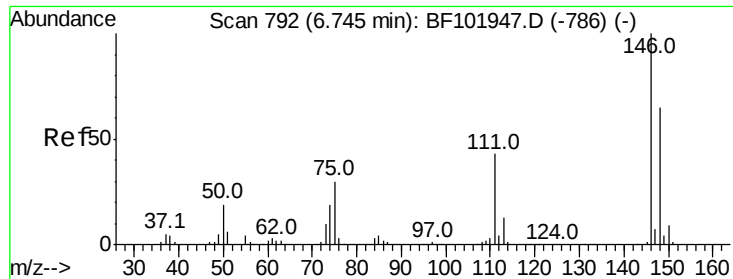
Tot Ion: 93 Resp: 560301
Ion Ratio Lower Upper
93 100
63 78.9 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.341 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion: 146 Resp: 602076
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 30.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.479 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

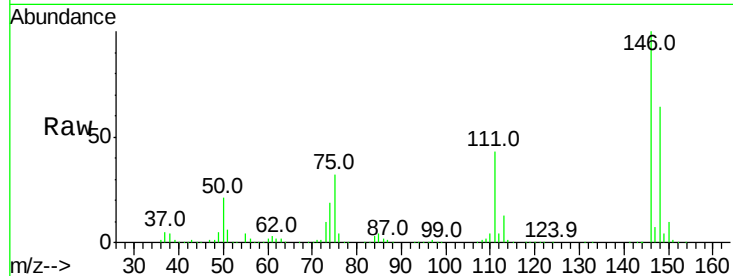
Tot Ion:146 Resp: 603121

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

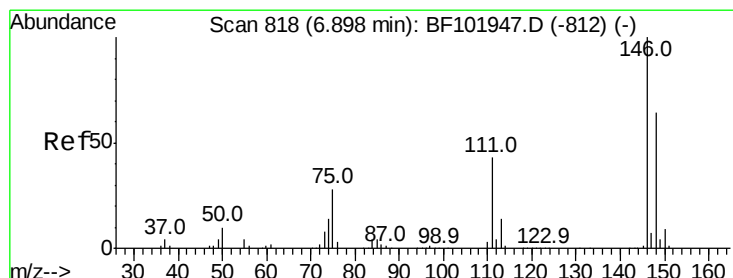
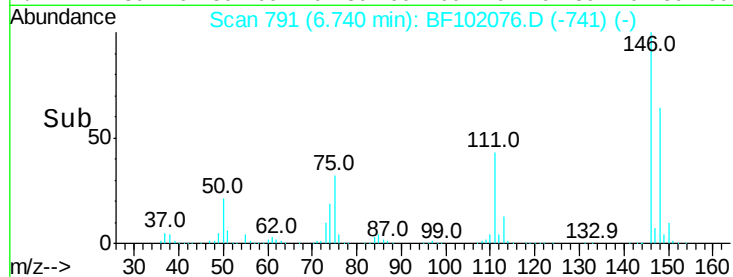
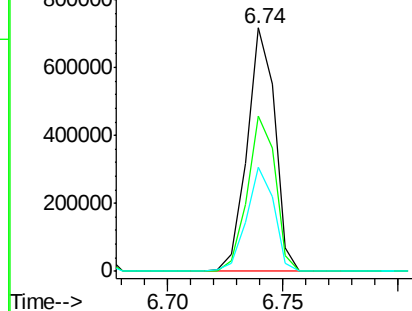
111 42.8 34.2 51.2



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: 35.355 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

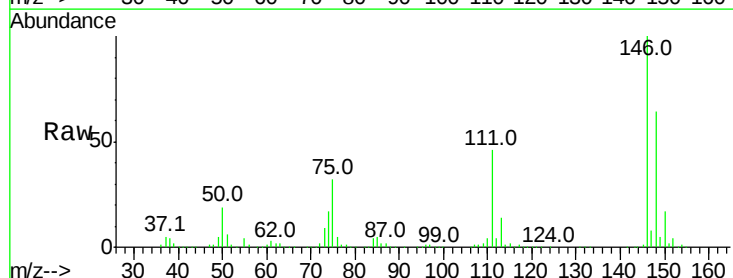
Tgt Ion:146 Resp: 556285

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

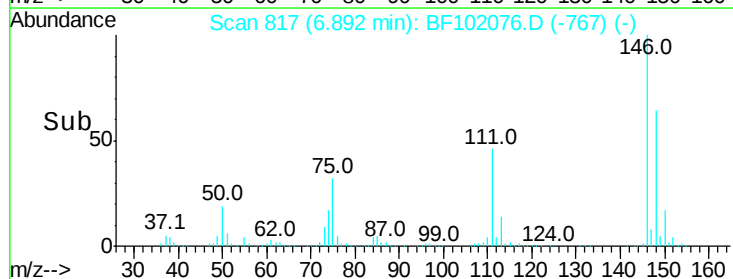
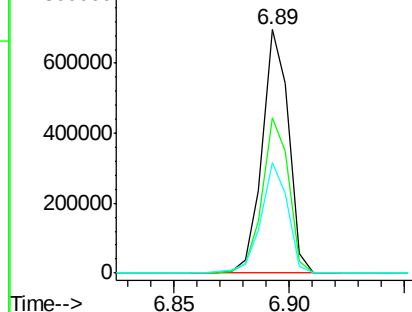
111 45.5 36.0 54.0

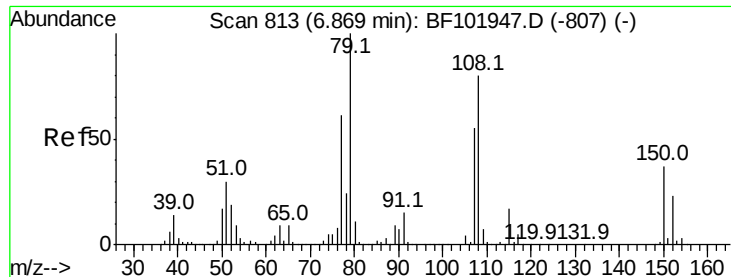


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

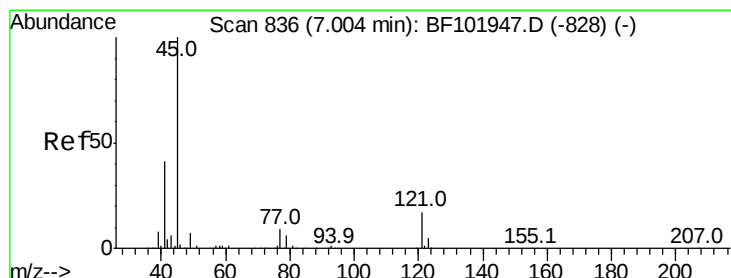
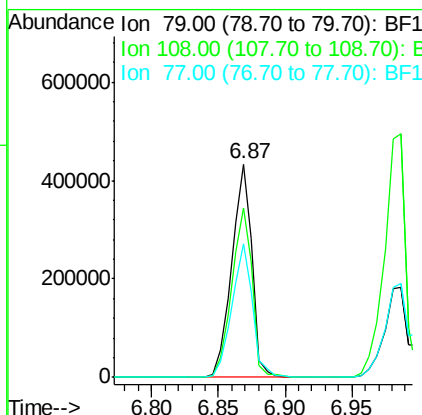
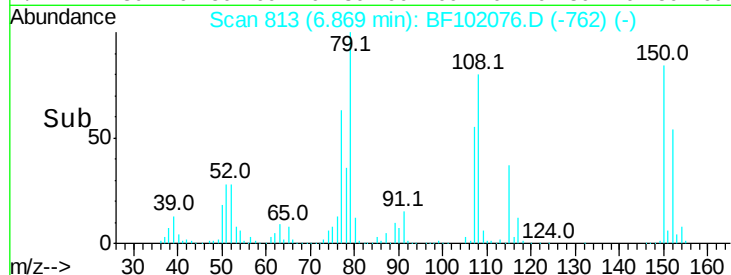
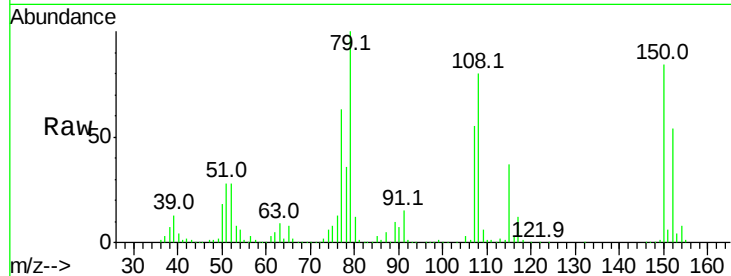




#15
Benzyl Alcohol
Concen: 35.849 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

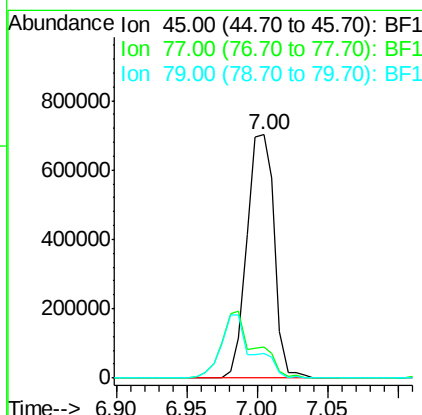
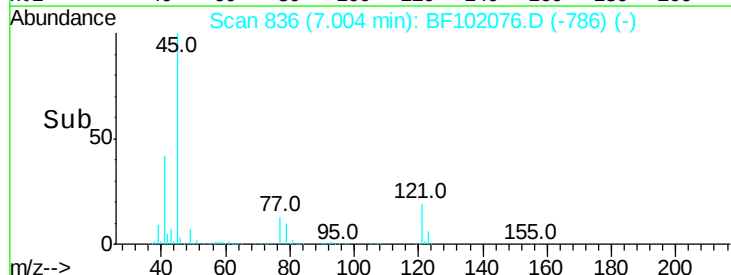
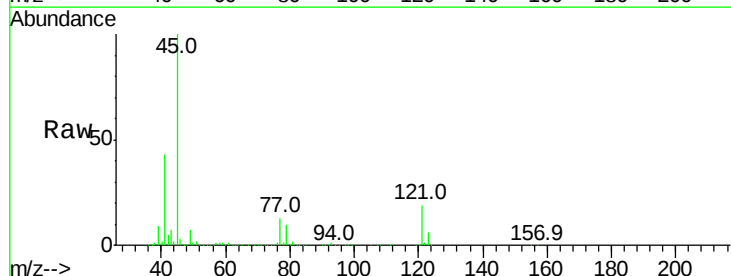
Instrument :
BNA_F
ClientSampled :

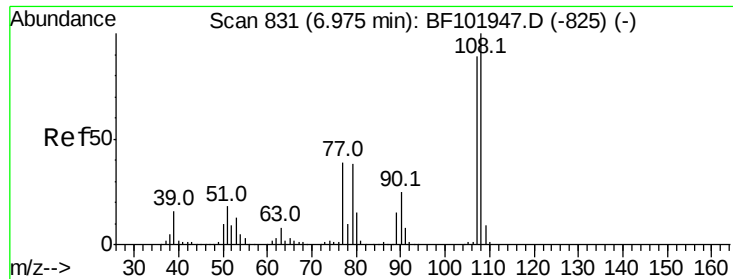
Tot Ion: 79 Resp: 461014
Ion Ratio Lower Upper
79 100
108 79.6 65.1 97.7
77 62.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.227 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion: 45 Resp: 954135
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.9
79 10.1 0.0 29.6

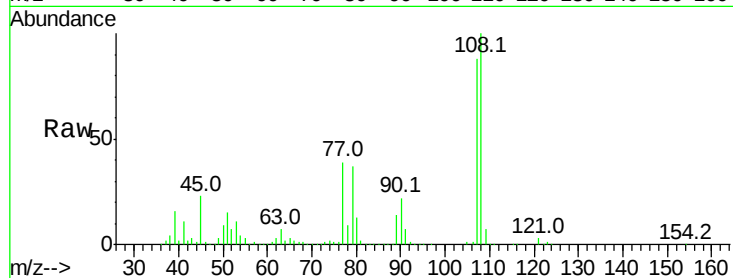




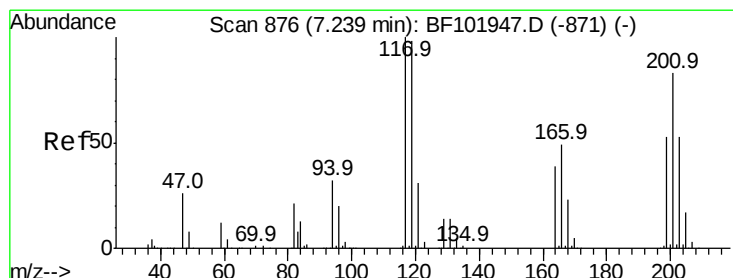
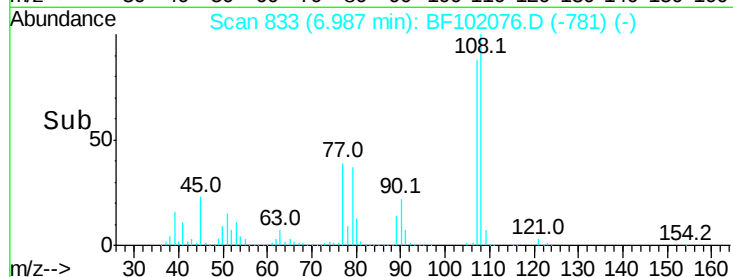
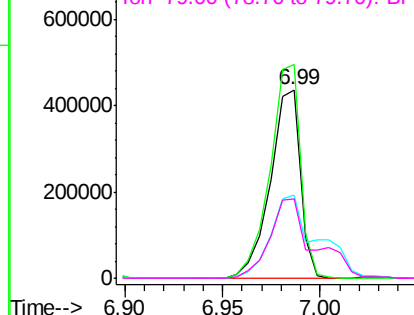
#17
2-Methylphenol
Concen: 35.095 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 467873
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 43.8 33.8 50.8
79 42.0 33.8 50.8

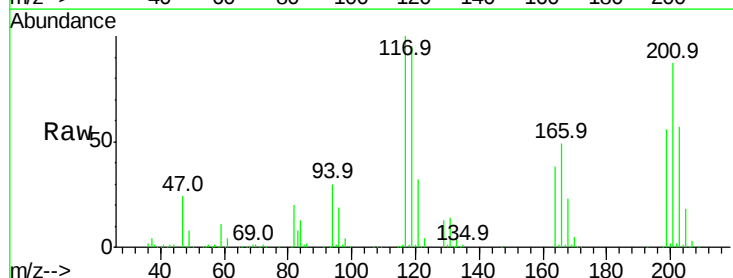


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

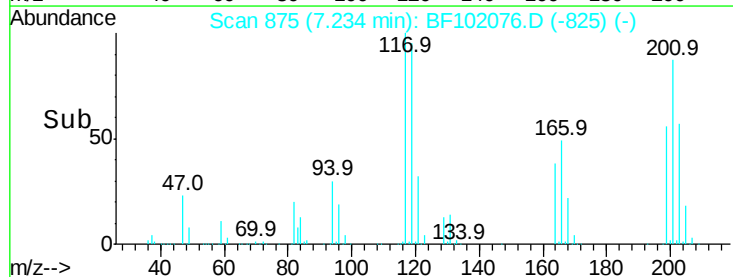
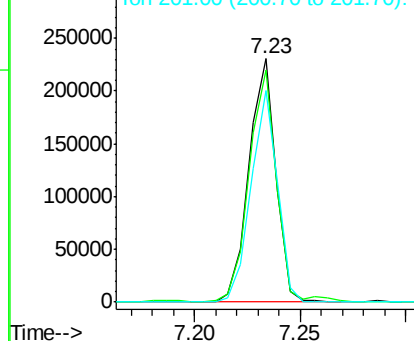


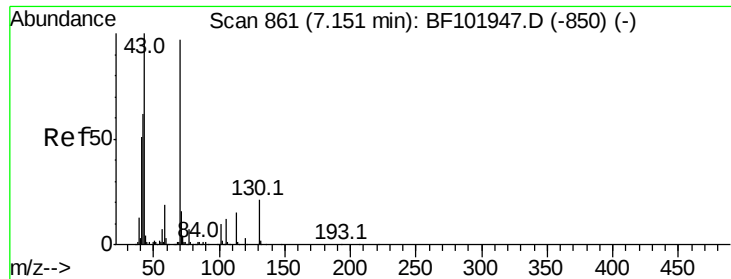
#18
Hexachloroethane
Concen: 34.096 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:117 Resp: 204106
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 86.7 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

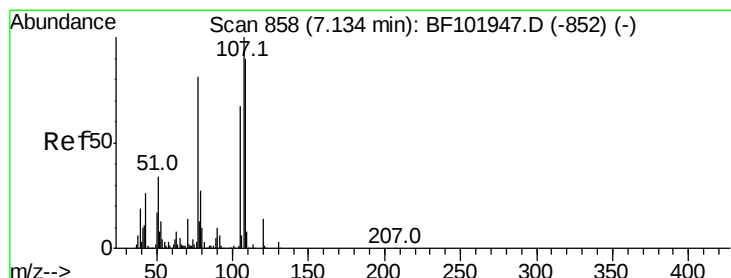
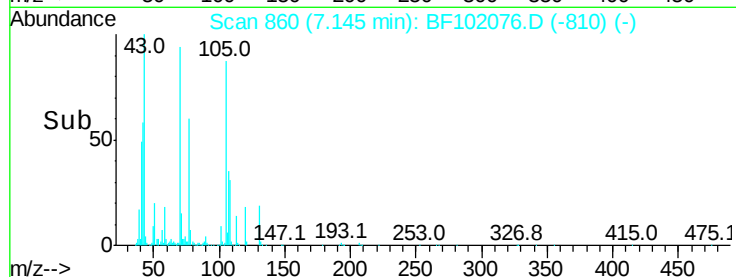
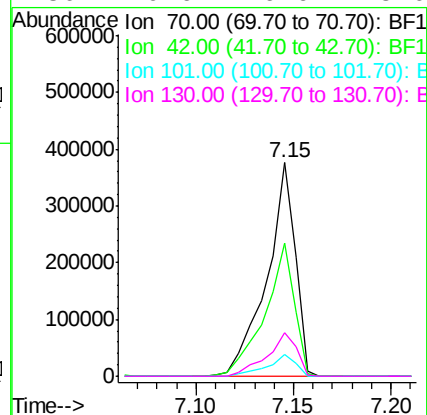
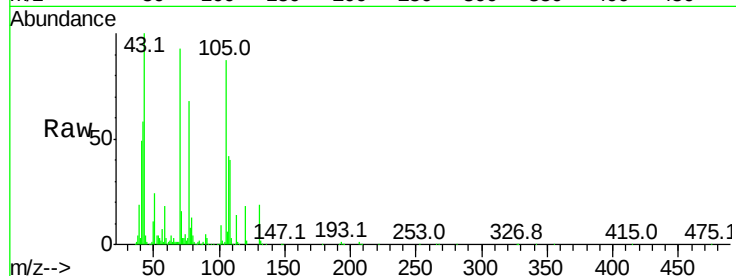




#19
n-Nitroso-di-n-propylamine
Concen: 33.057 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

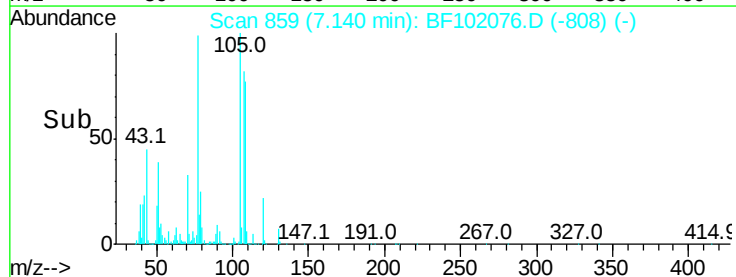
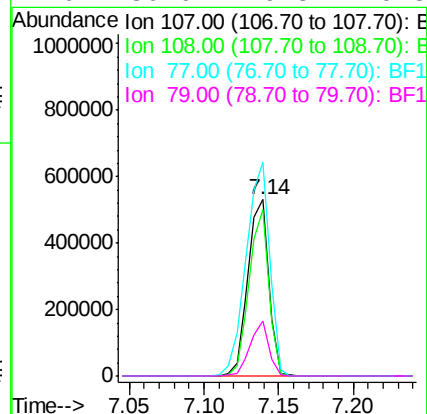
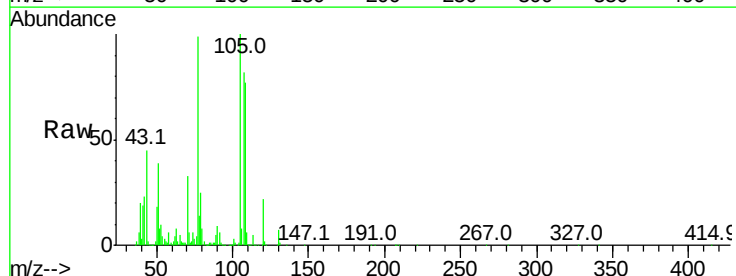
Instrument :
BNA_F
ClientSampleID :

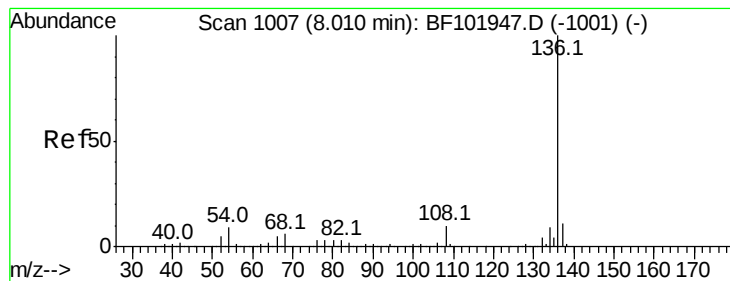
Tot Ion:	70	Resp:	380853
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.5	71.3
101	10.0	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.125 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:	107	Resp:	514229
Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	121.1	26.7	66.7#
79	30.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 821034

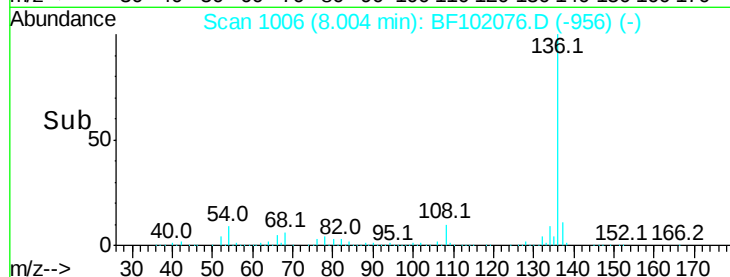
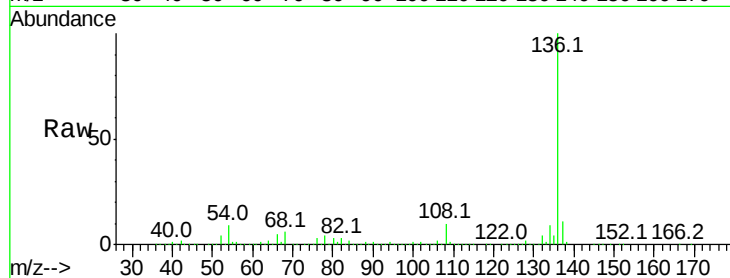
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.3 5.0 7.4

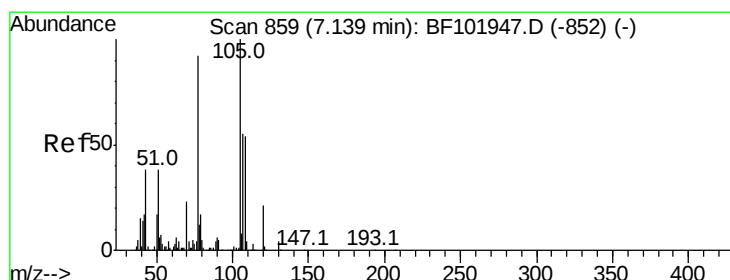
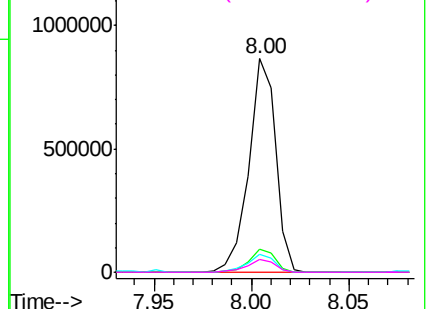


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.285 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:105 Resp: 757367

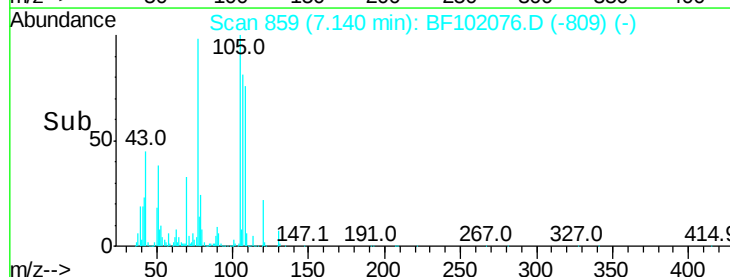
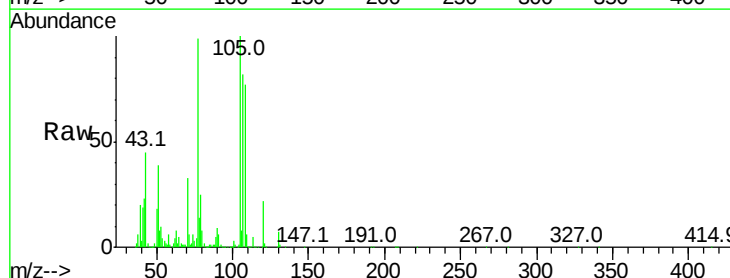
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 38.6 22.3 33.5#

120 22.0 16.9 25.3

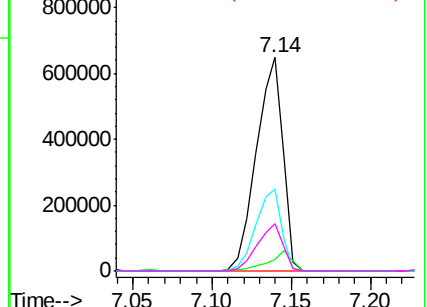


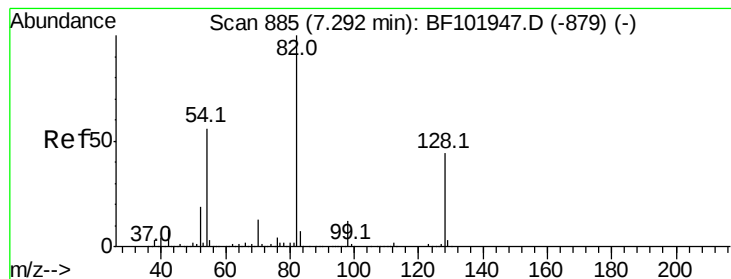
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.516 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

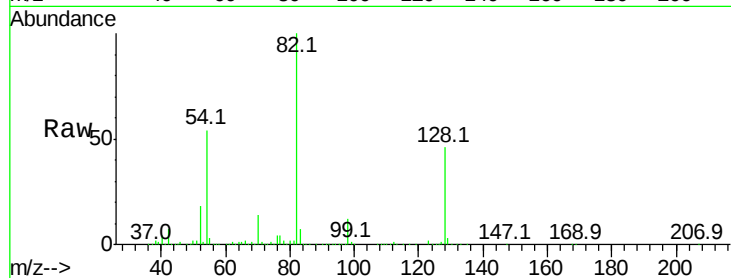
Tot Ion: 82 Resp: 1264664

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

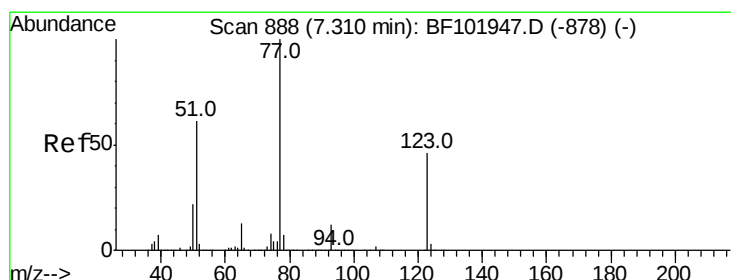
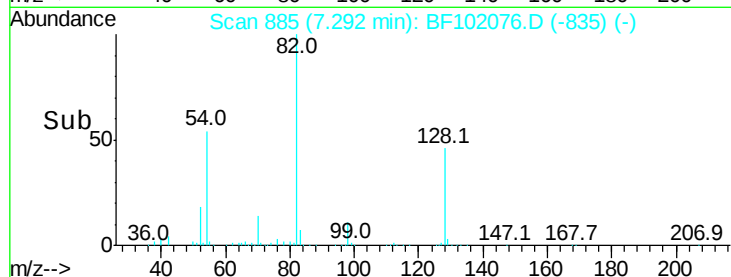
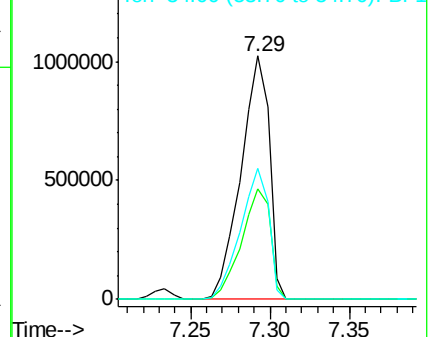
54 53.8 41.4 62.2



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: 39.063 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

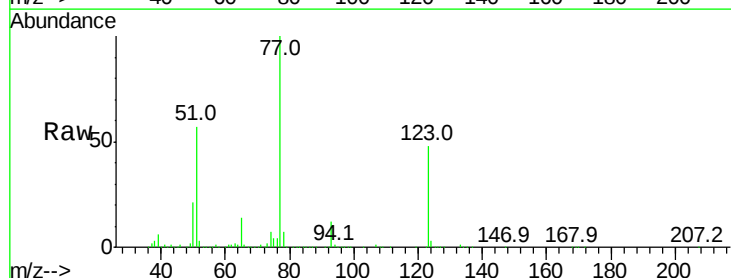
Tgt Ion: 77 Resp: 586463

Ion Ratio Lower Upper

77 100

123 47.7 37.9 56.9

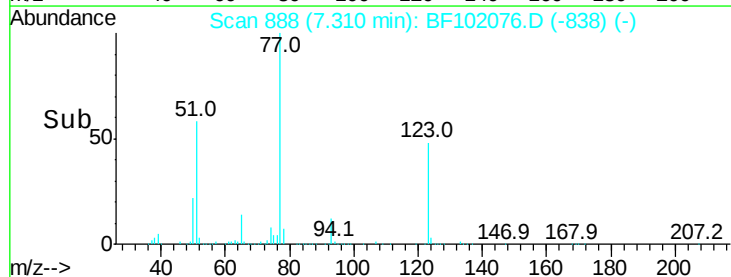
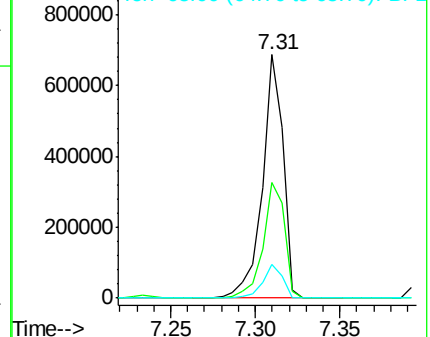
65 14.1 11.0 16.4

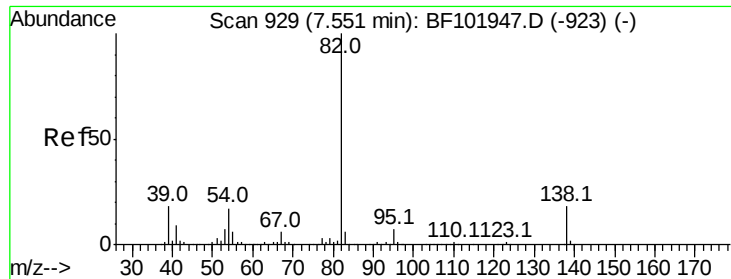


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.759 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

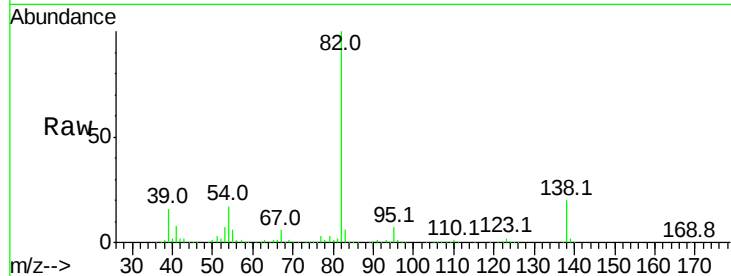
Tot Ion: 82 Resp: 1070011

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

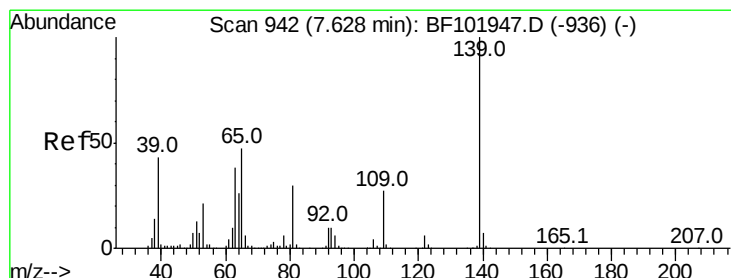
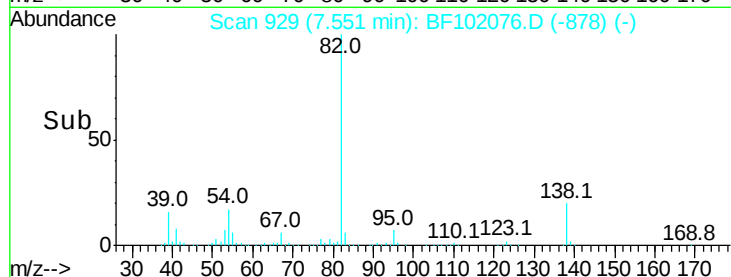
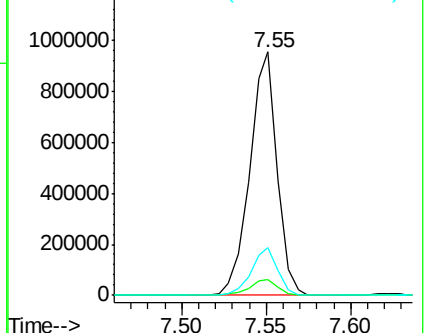
138 19.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.698 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

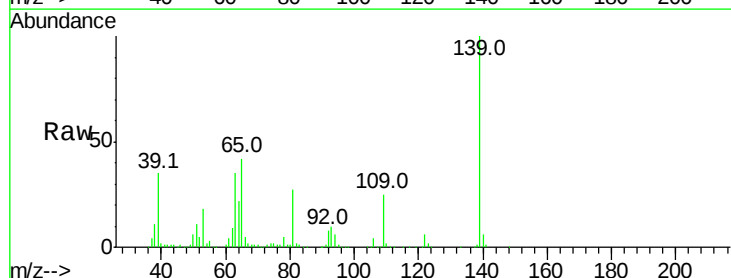
Tgt Ion: 139 Resp: 312288

Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

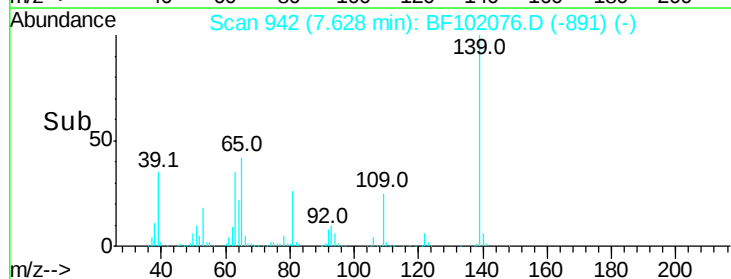
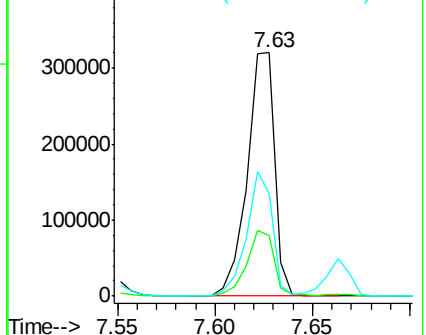
65 42.4 40.5 60.7

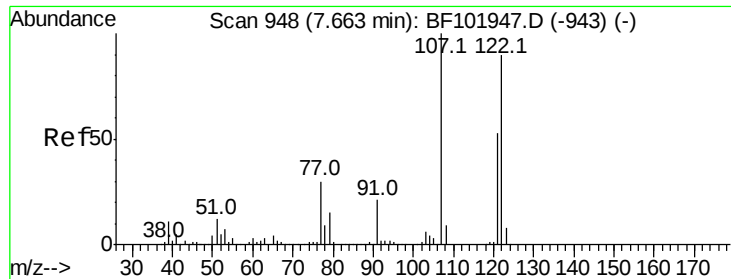


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.663 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

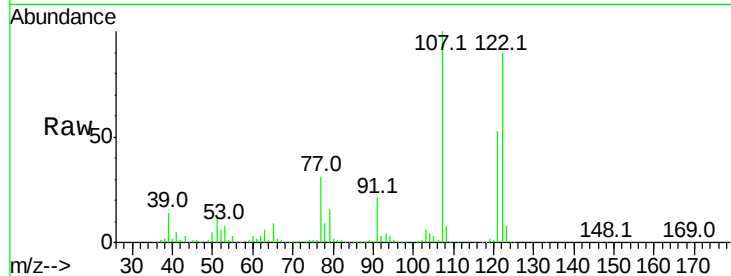
Tot Ion:122 Resp: 441992

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

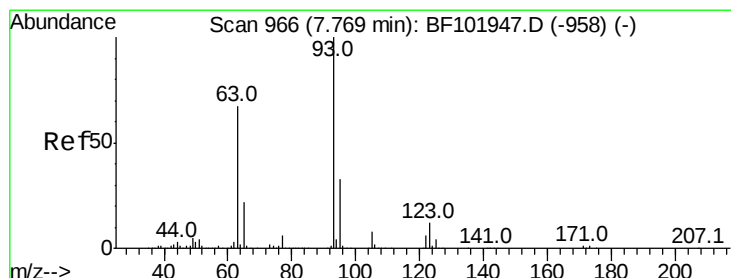
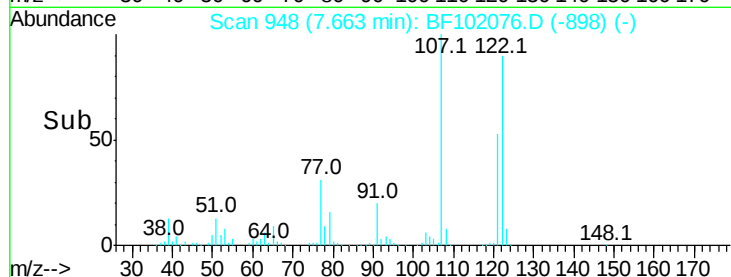
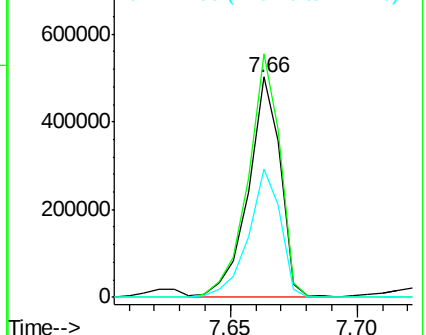
121 58.3 47.2 70.8



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: 40.895 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

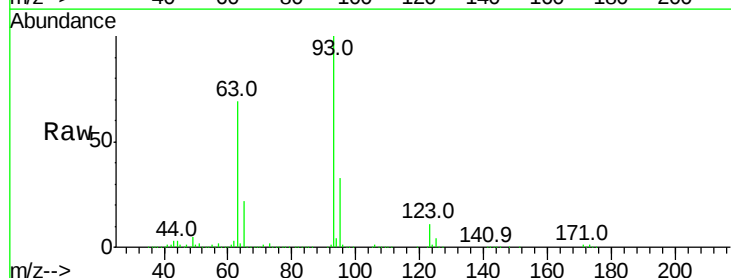
Tgt Ion: 93 Resp: 681686

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

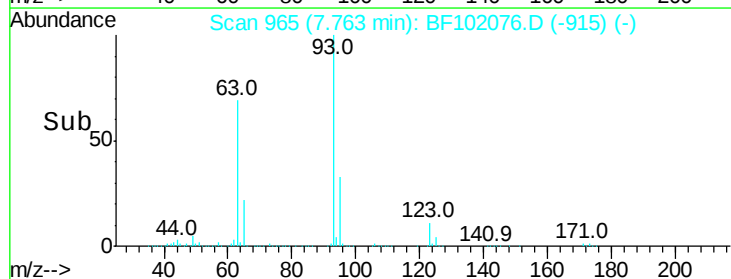
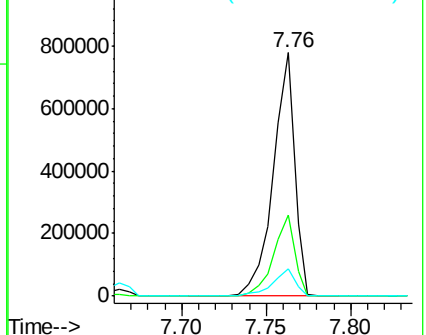
123 11.2 9.8 14.6

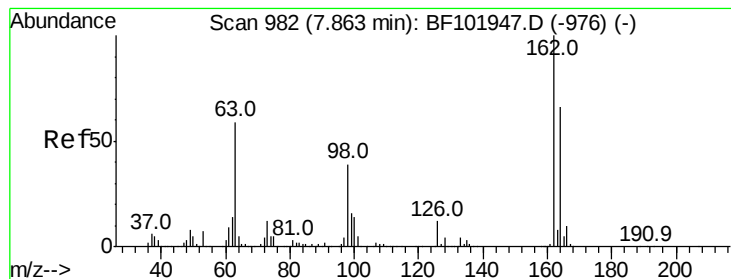


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.072 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

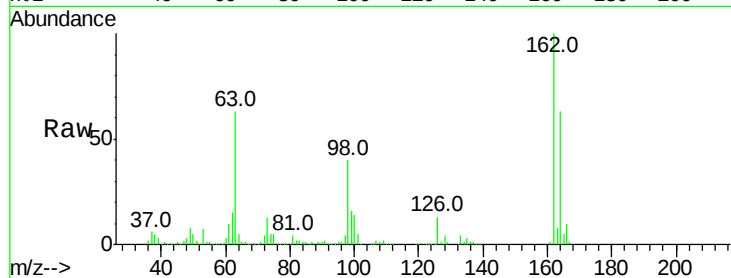
Tot Ion:162 Resp: 446535

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

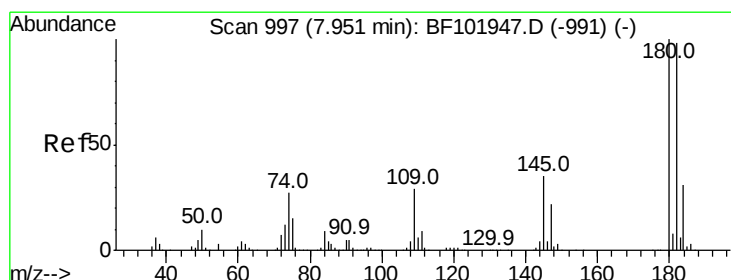
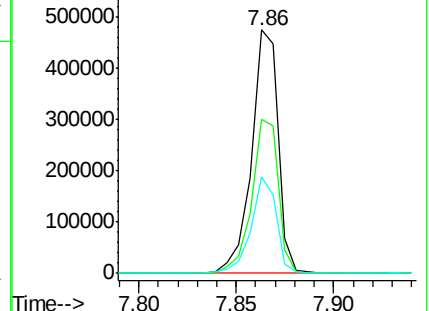
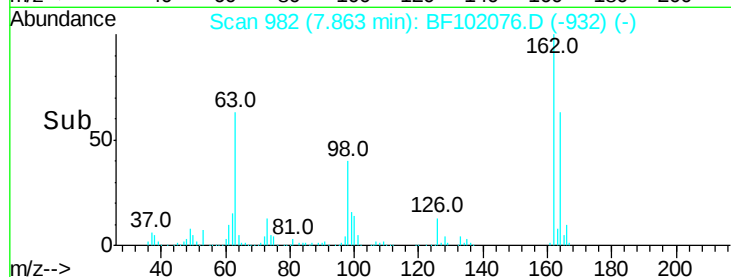
98 39.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.542 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

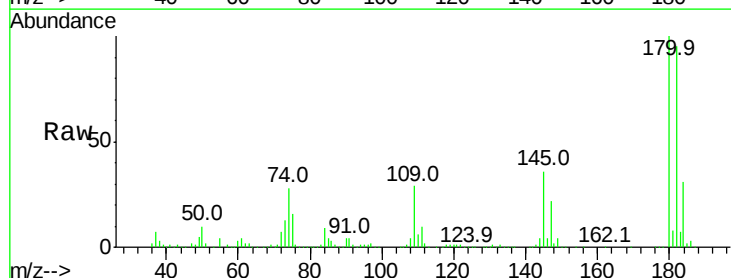
Tgt Ion:180 Resp: 437585

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

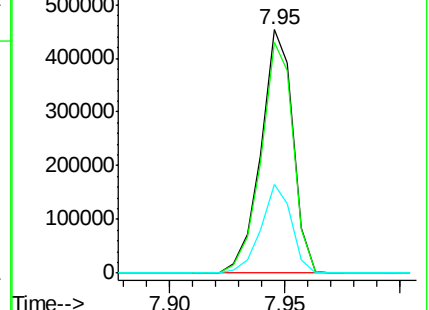
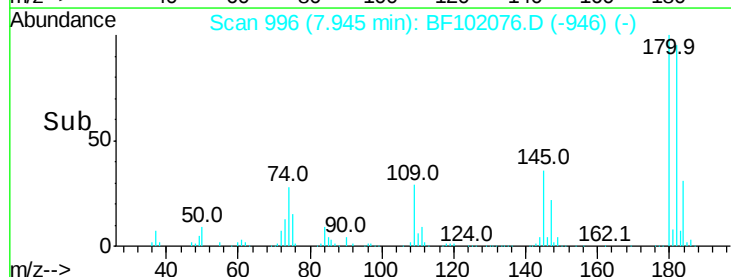
145 36.4 26.5 39.7

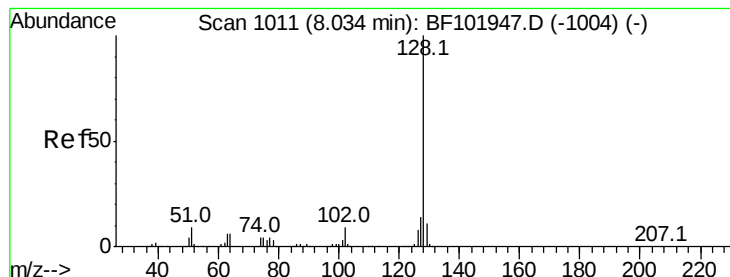


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.420 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

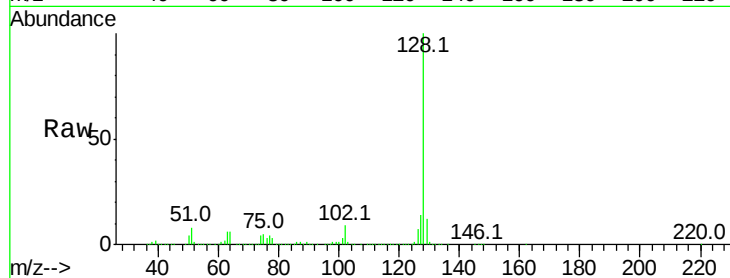
Tot Ion:128 Resp: 1535168

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

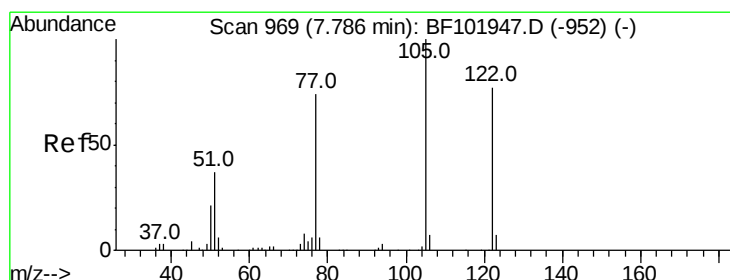
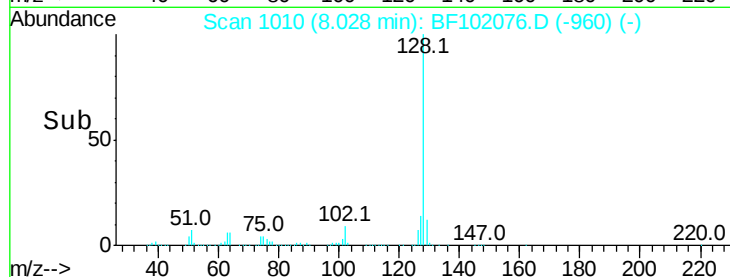
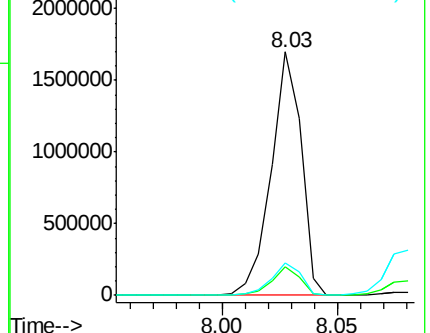
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.182 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.04 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

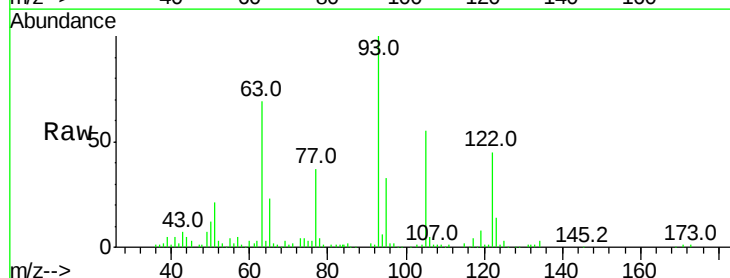
Tgt Ion:122 Resp: 72809

Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

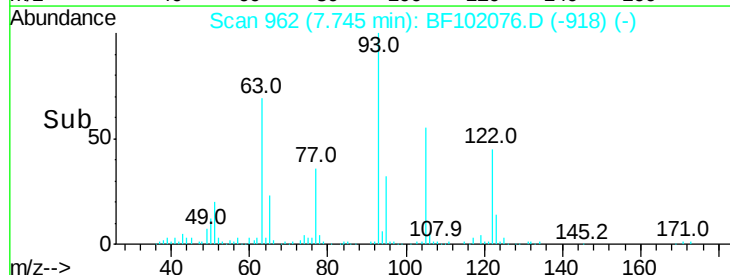
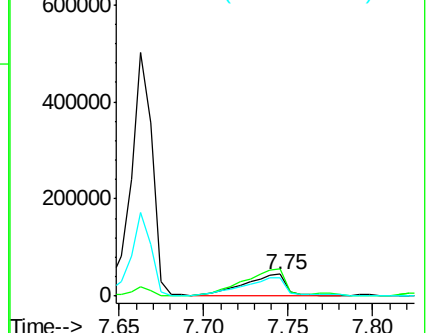
77 82.7 70.7 110.7

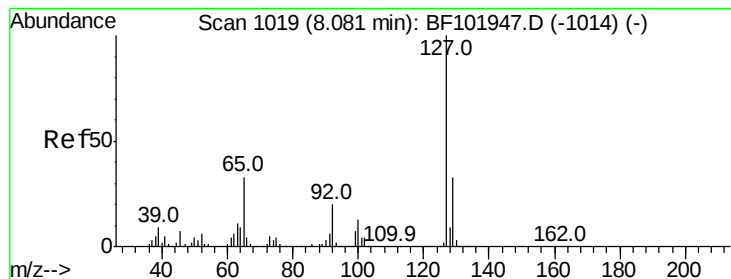


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.139 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 317624

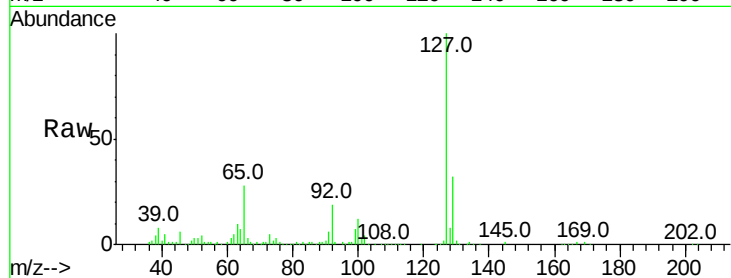
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 27.9 25.0 37.4

92 18.7 15.2 22.8

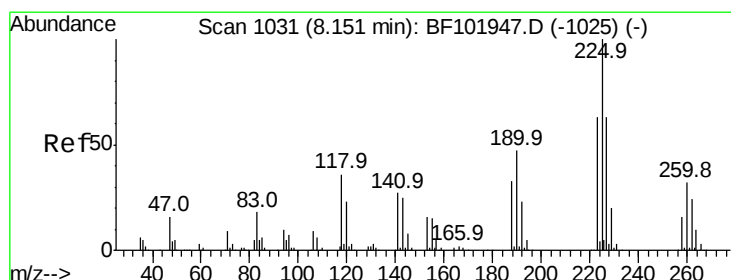
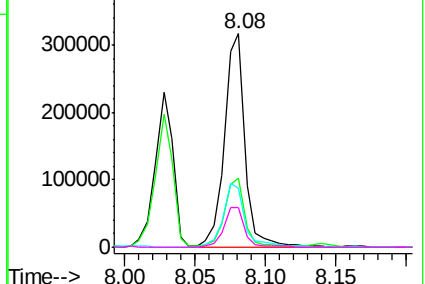
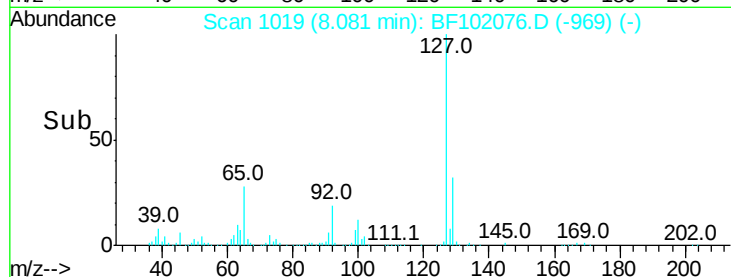


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.705 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

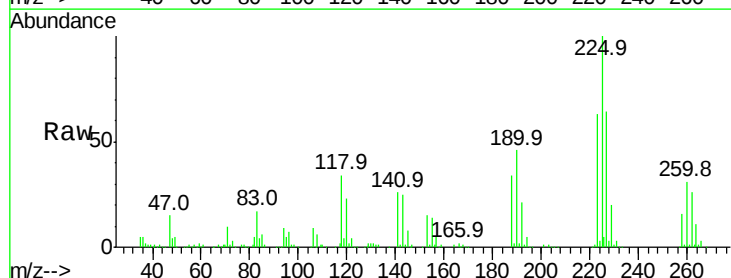
Tgt Ion:225 Resp: 226459

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

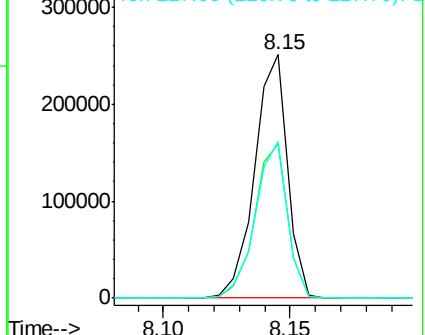
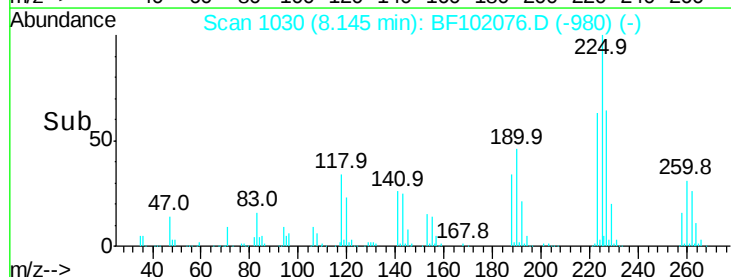
227 64.1 51.9 77.9

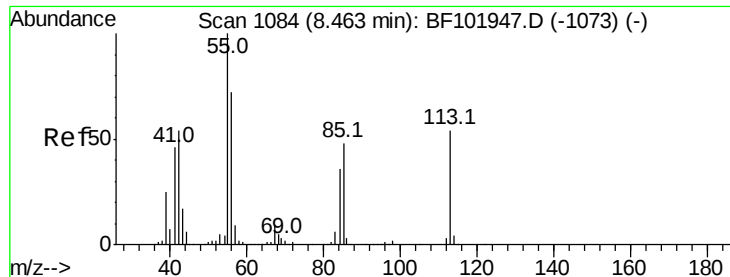


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

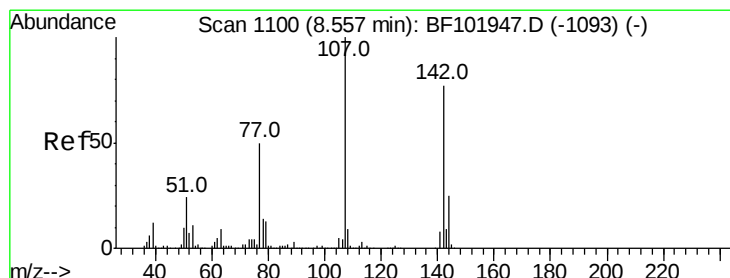
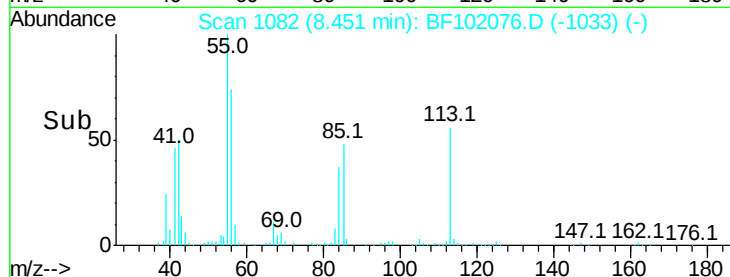
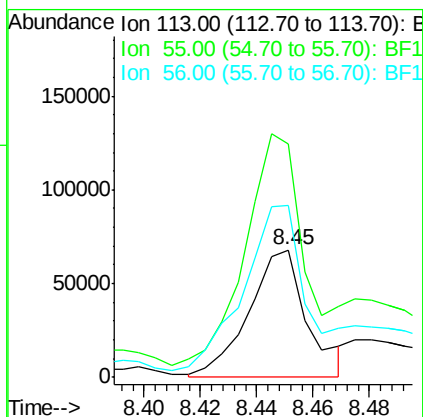
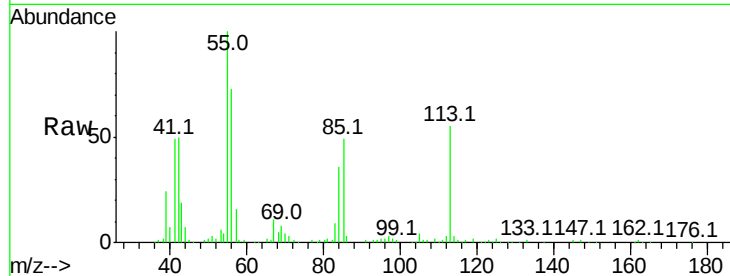




#35
 Caprolactam
 Concen: 25.375 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

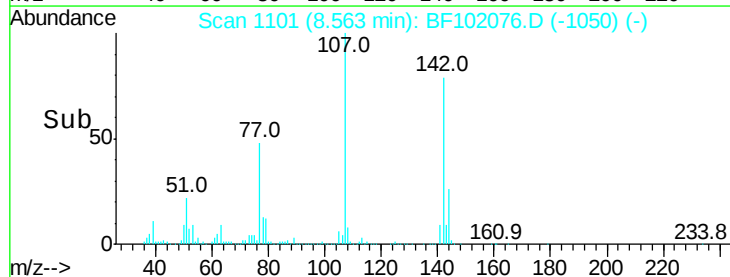
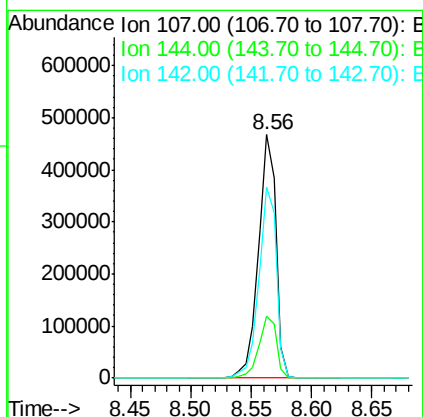
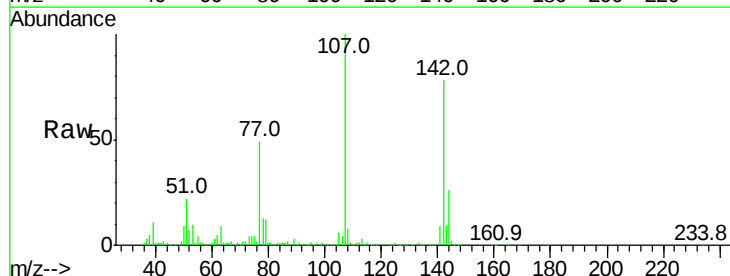
Instrument :
 BNA_F
 ClientSampleId :

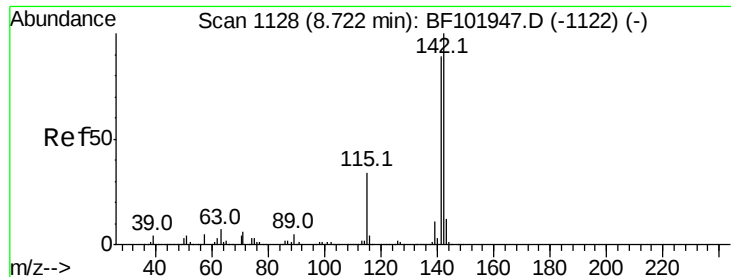
Tot Ion:113 Resp: 97073
 Ion Ratio Lower Upper
 113 100
 55 183.2 163.3 203.3
 56 134.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.011 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion:107 Resp: 475845
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.614 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

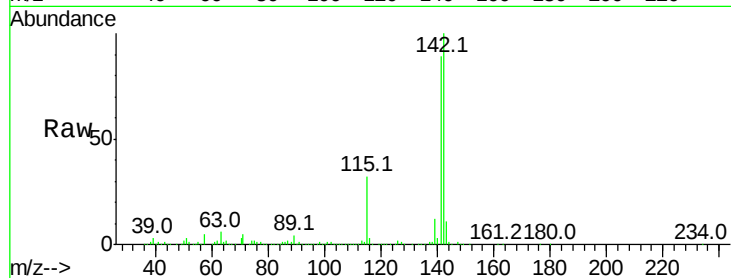
Tot Ion:142 Resp: 1015900

Ion Ratio Lower Upper

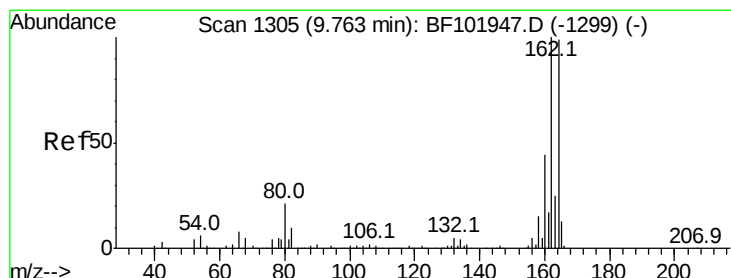
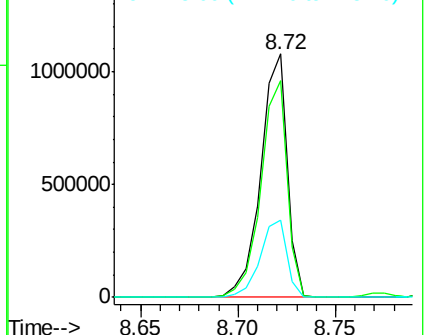
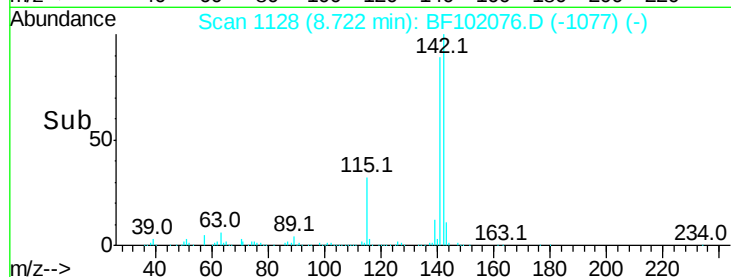
142 100

141 88.9 70.8 106.2

115 31.8 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

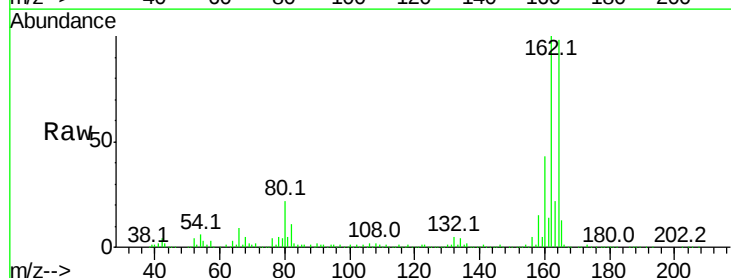
Tgt Ion:164 Resp: 324470

Ion Ratio Lower Upper

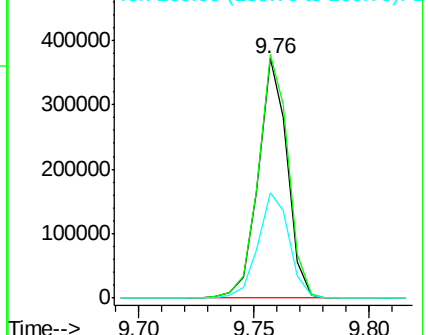
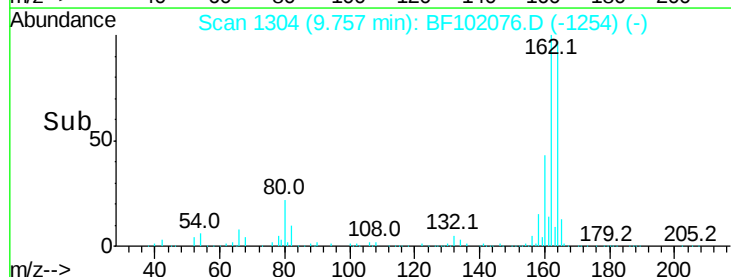
164 100

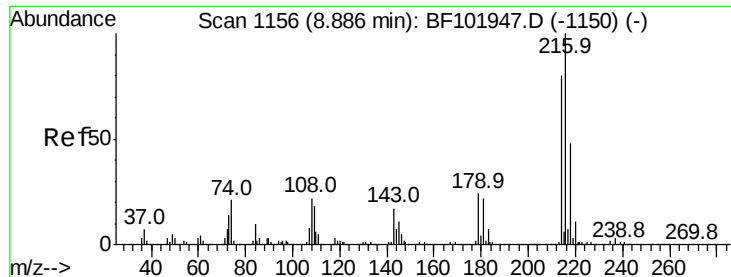
162 101.7 86.1 129.1

160 44.0 38.3 57.5



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

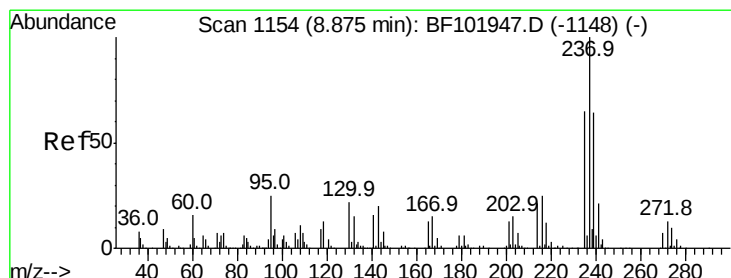
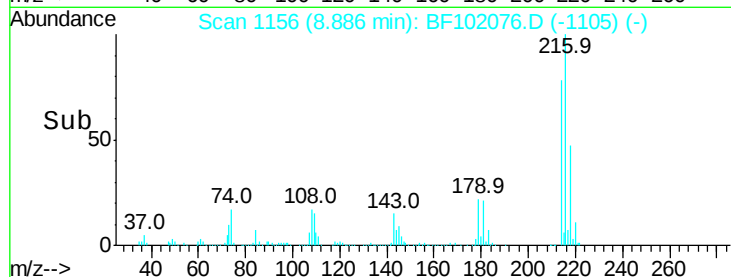
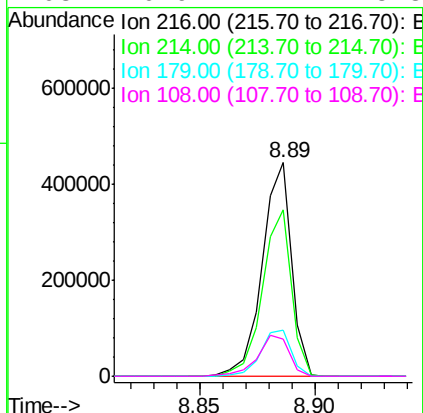
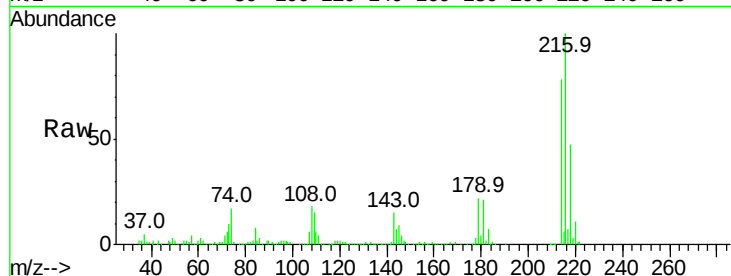




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.844 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

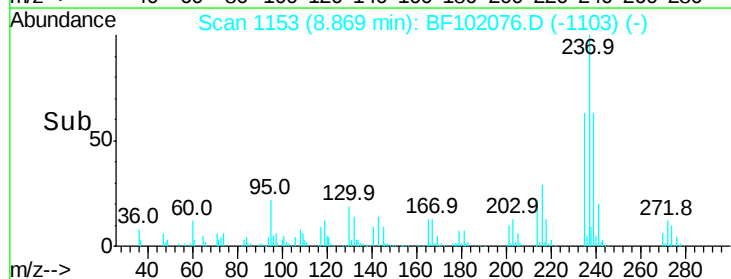
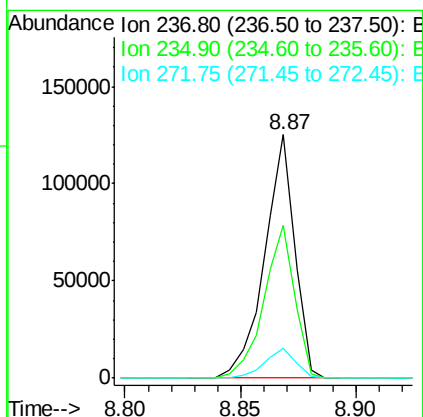
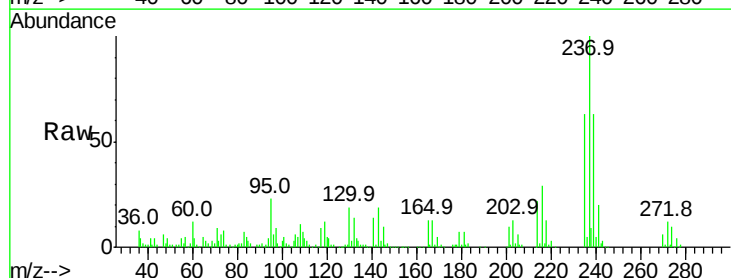
Instrument :
 BNA_F
 ClientSampleId :

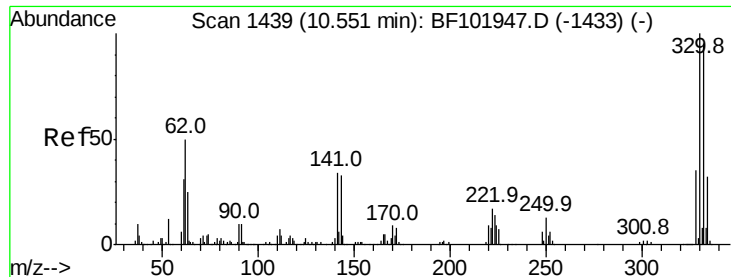
Tot Ion:	216	Resp:	393287
Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.4
179	22.8	18.1	27.1
108	20.9	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 22.612 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion:	237	Resp:	113517
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.3	0.0	33.3

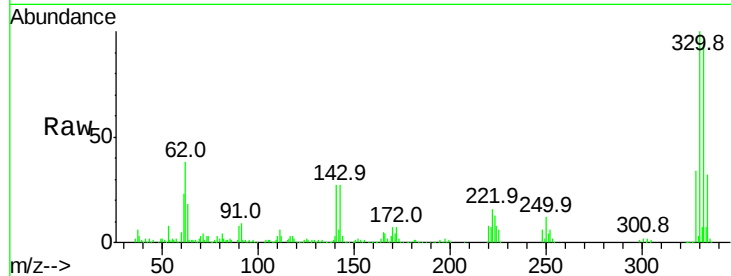




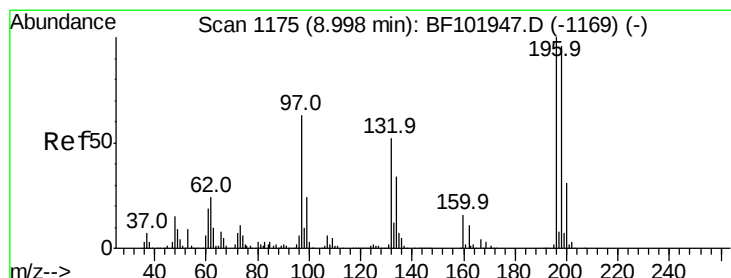
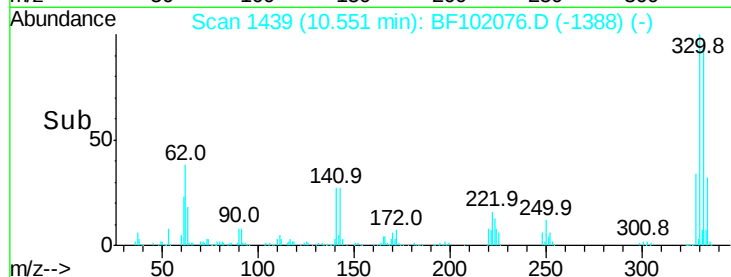
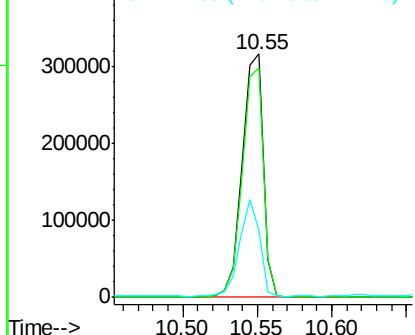
#41
 2,4,6-Tribromophenol
 Concen: 109.715 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	37.5	29.9	44.9

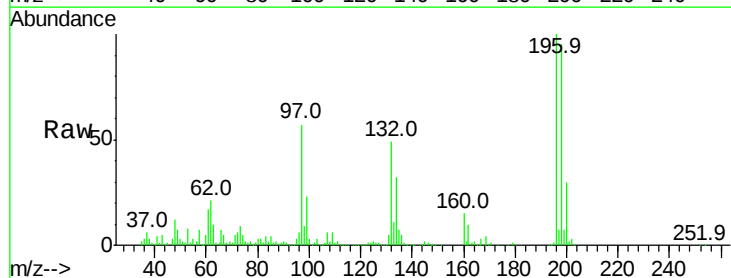


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

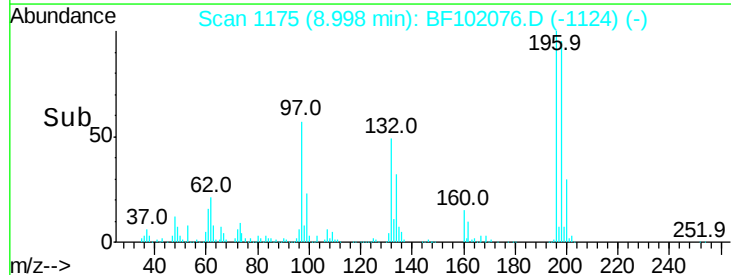
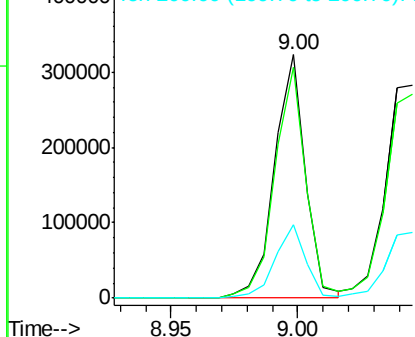


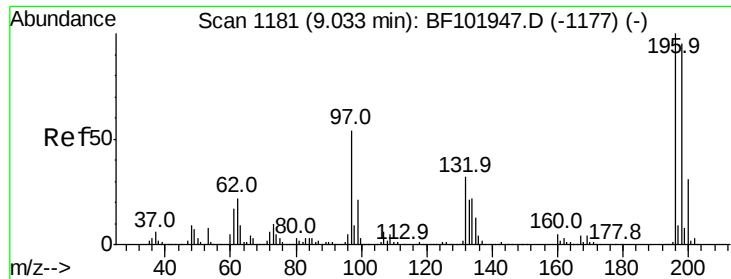
#42
 2,4,6-Trichlorophenol
 Concen: 43.896 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.2	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

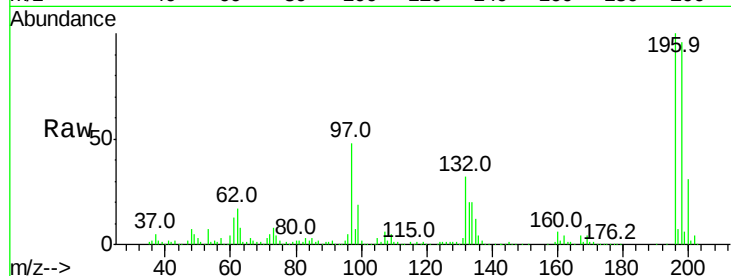




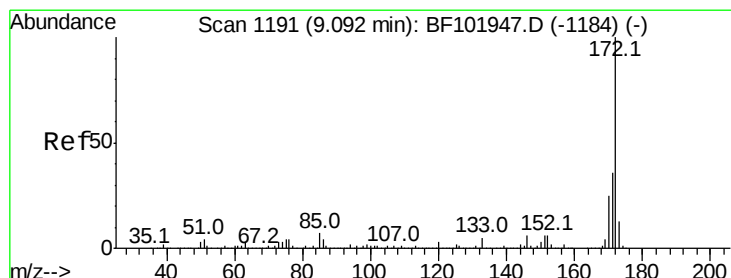
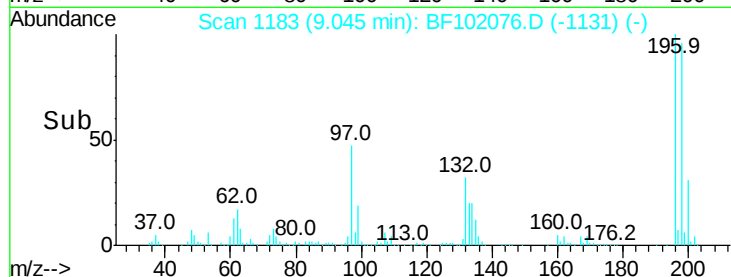
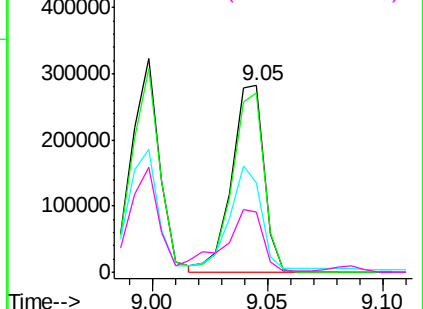
#43
 2,4,5-Trichlorophenol
 Concen: 38.845 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	277723
Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	47.8	42.9	64.3
132	32.4	26.3	39.5

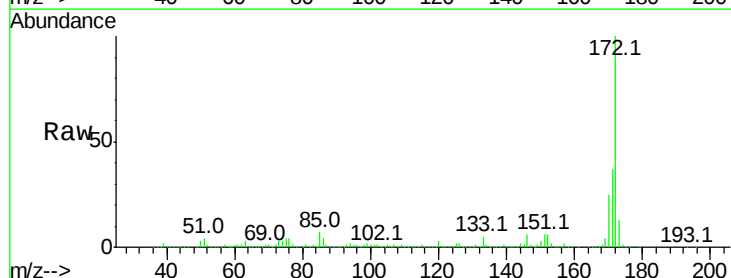


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

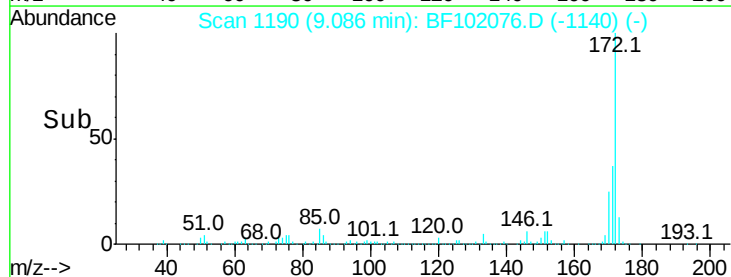
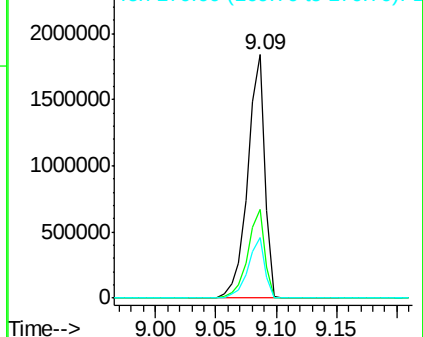


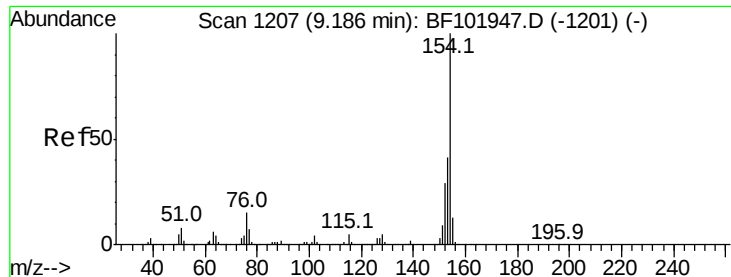
#44
 2-Fluorobiphenyl
 Concen: 87.495 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion:	172	Resp:	1817197
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.127 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

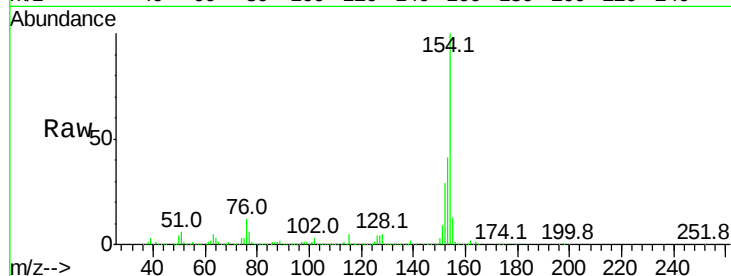
Tot Ion:154 Resp: 1122151

Ion Ratio Lower Upper

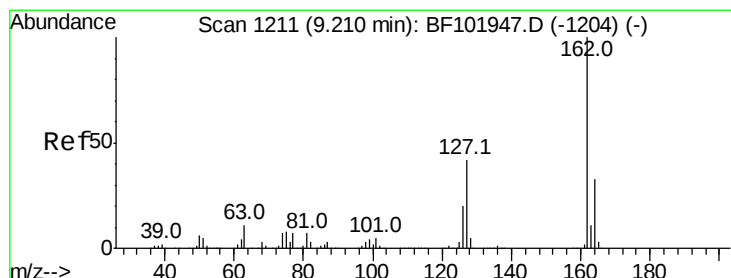
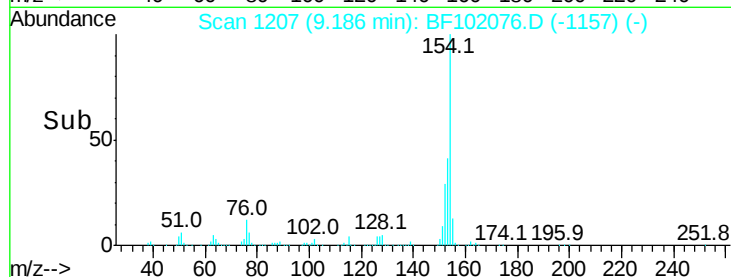
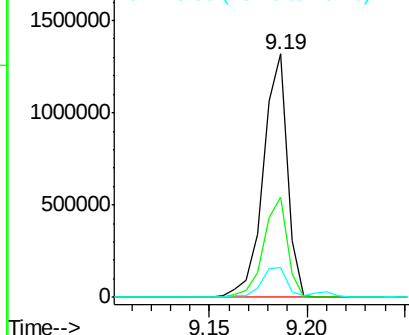
154 100

153 41.0 21.3 61.3

76 12.2 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: 38.207 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

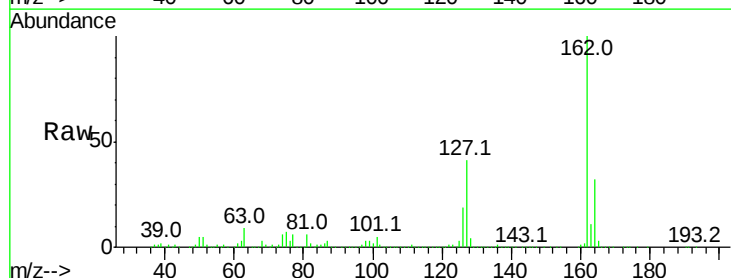
Tgt Ion:162 Resp: 849716

Ion Ratio Lower Upper

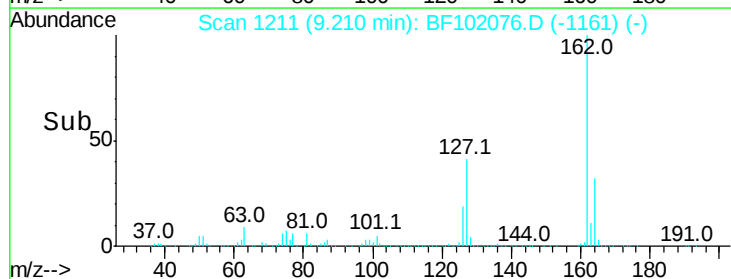
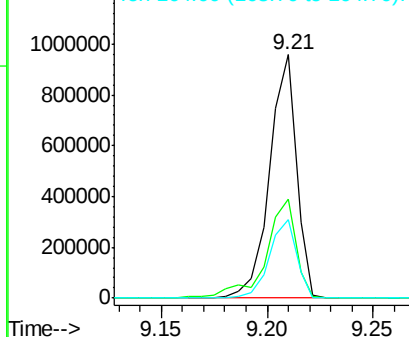
162 100

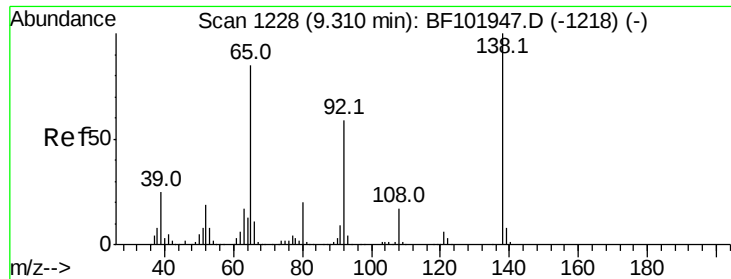
127 40.7 33.9 50.9

164 32.4 26.5 39.7



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

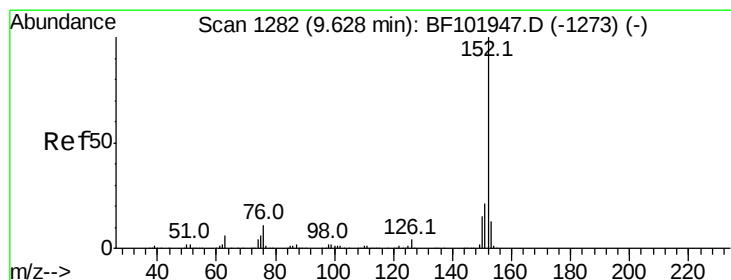
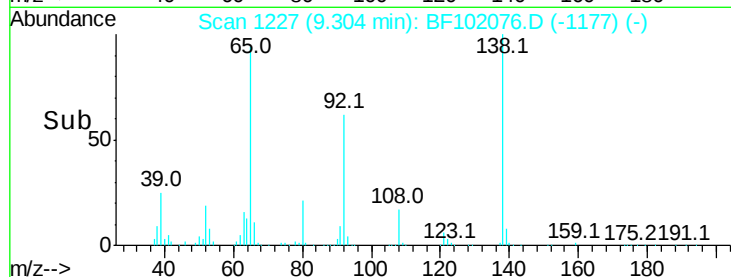
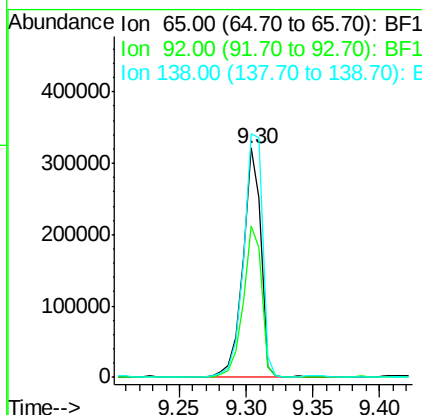
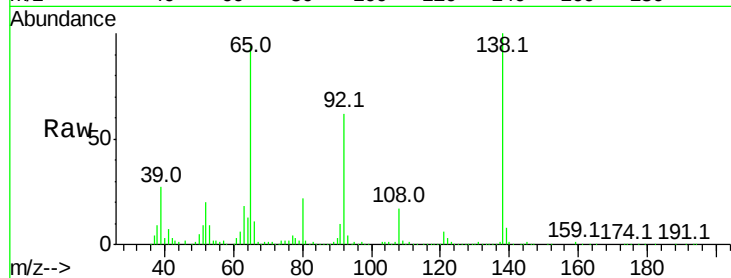




#47
2-Nitroaniline
Concen: 44.431 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

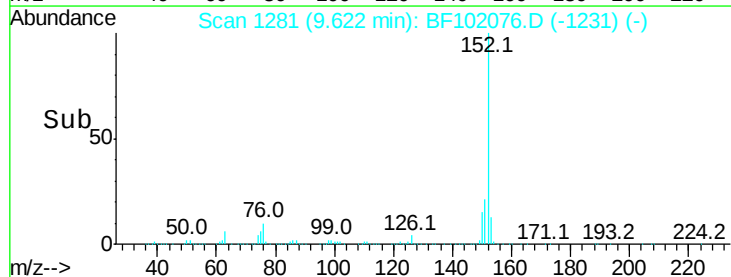
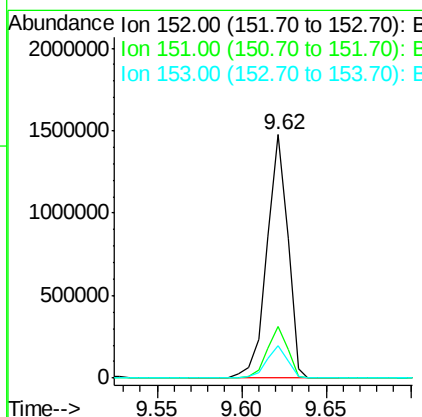
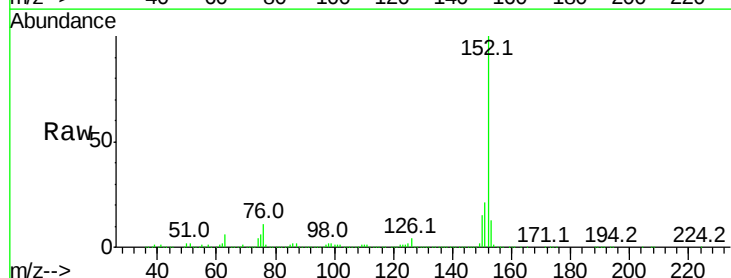
Instrument :
BNA_F
ClientSampleId :

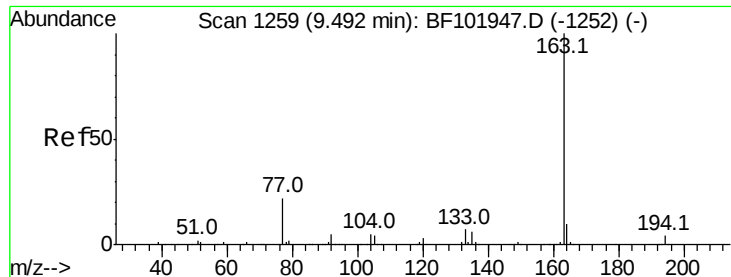
Tot Ion: 65 Resp: 295993
Ion Ratio Lower Upper
65 100
92 66.2 55.8 83.6
138 106.3 91.2 136.8



#48
Acenaphthylene
Concen: 35.758 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion: 152 Resp: 1262050
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.3 10.7 16.1

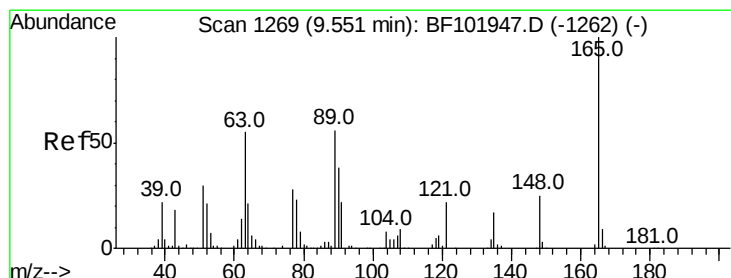
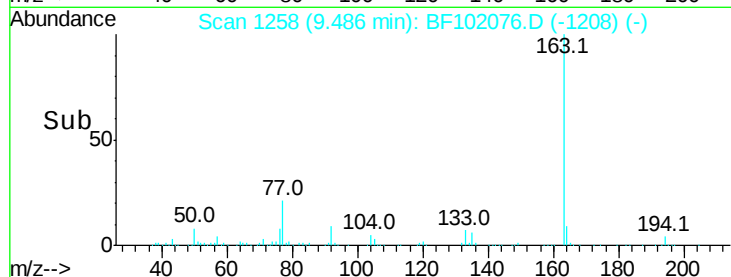
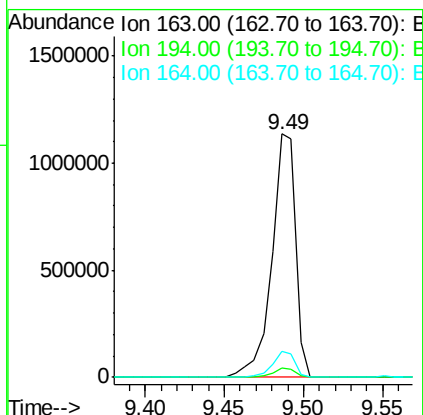
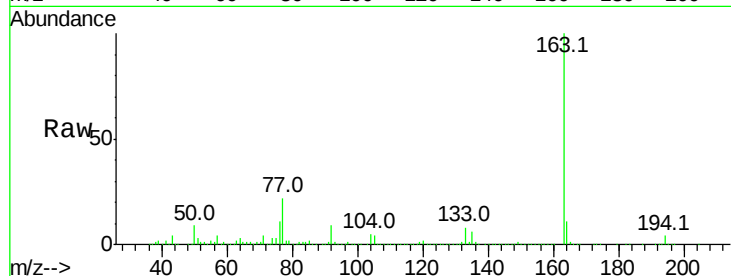




#49
Dimethylphthalate
Concen: 45.599 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

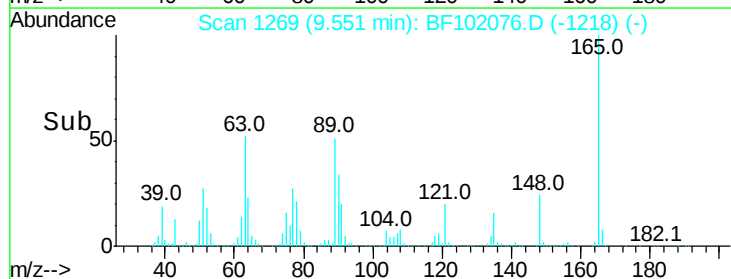
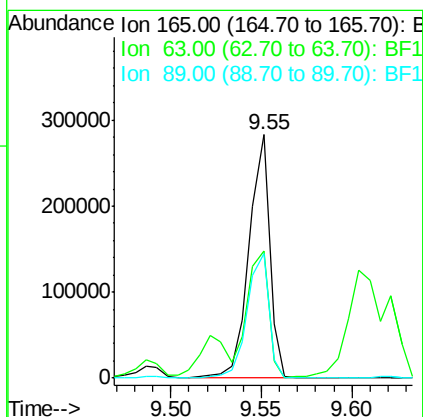
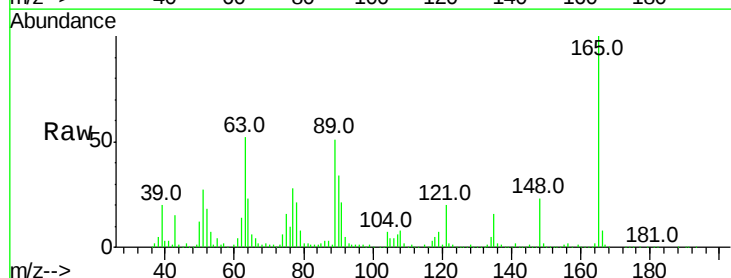
Instrument :
BNA_F
ClientSampleId :

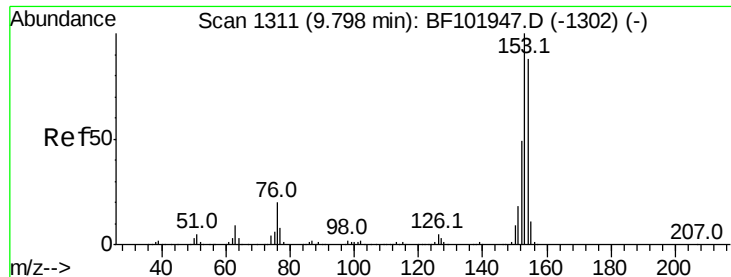
Tot Ion:163 Resp: 1186912
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 43.217 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:165 Resp: 224700
Ion Ratio Lower Upper
165 100
63 52.0 44.7 67.1
89 51.2 44.0 66.0





#51

Acenaphthene

Concen: 35.476 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

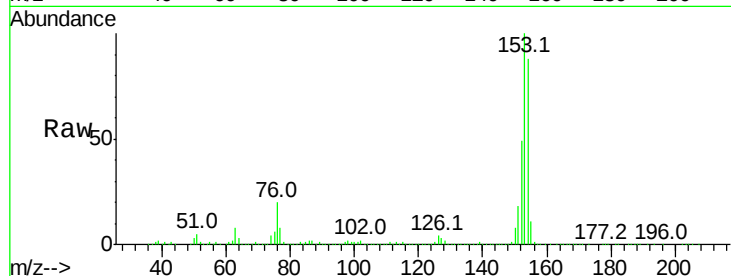
Tot Ion:154 Resp: 759983

Ion Ratio Lower Upper

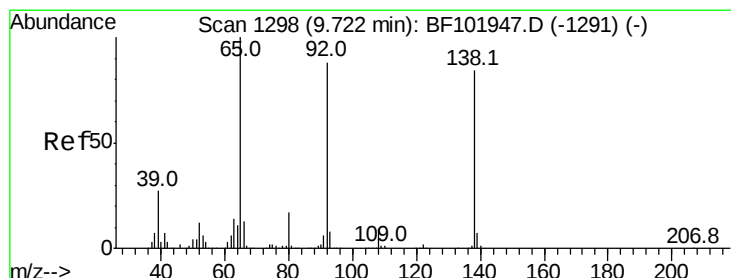
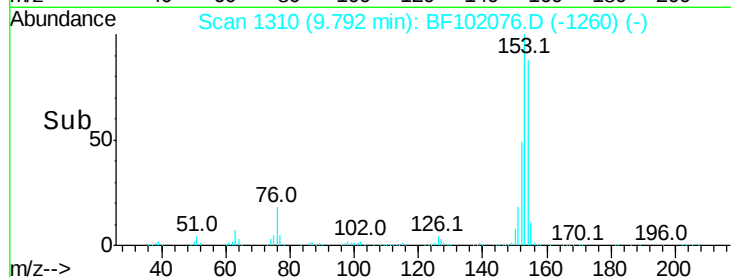
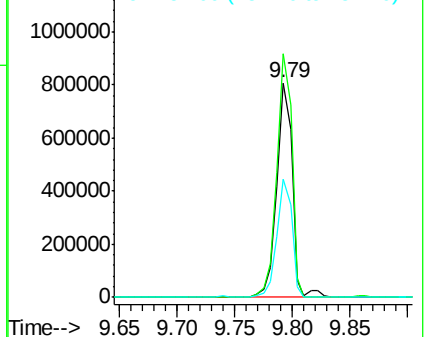
154 100

153 113.6 91.2 136.8

152 55.3 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: 34.482 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

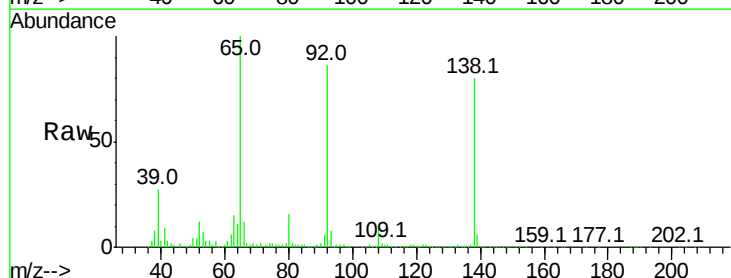
Tgt Ion:138 Resp: 226271

Ion Ratio Lower Upper

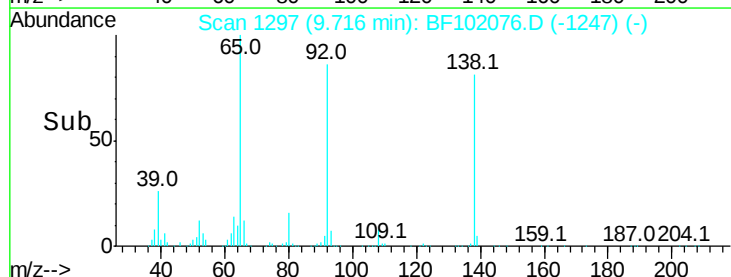
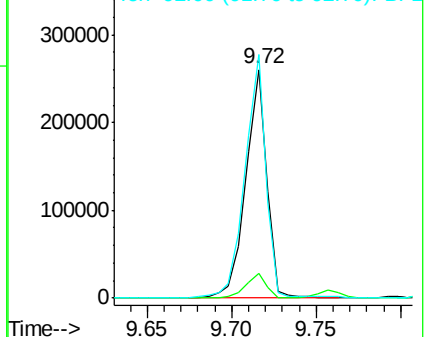
138 100

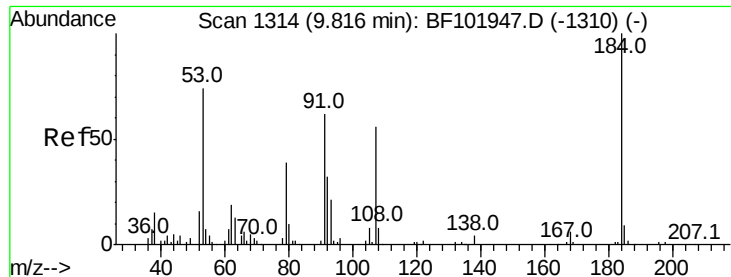
108 10.7 9.4 14.0

92 106.6 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

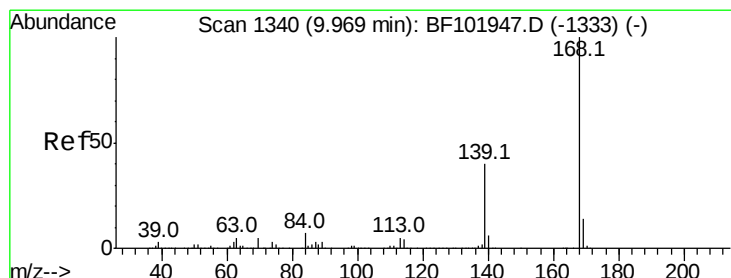
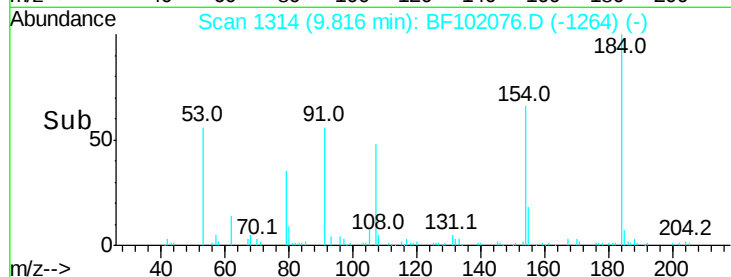
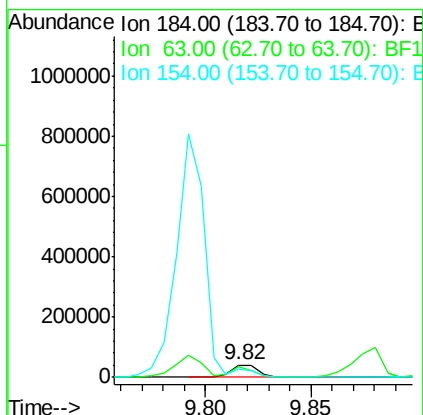
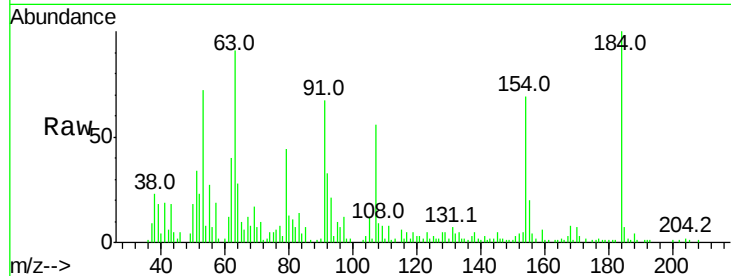




#53
2,4-Dinitrophenol
Concen: 24.733 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

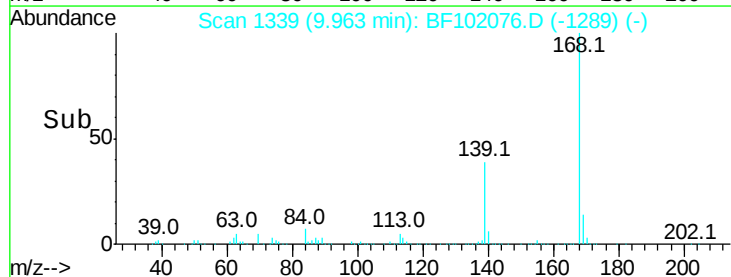
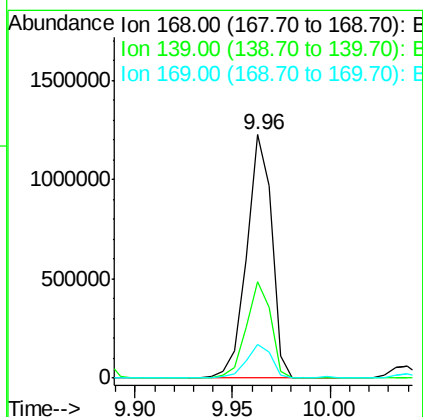
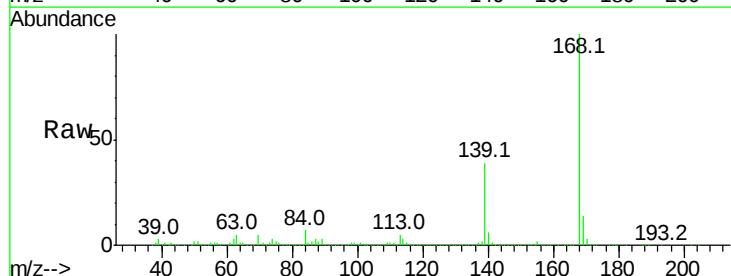
Instrument :
BNA_F
ClientSampleId :

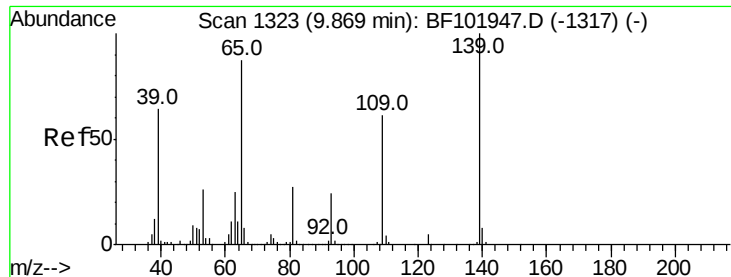
Tot Ion:184 Resp: 35818
Ion Ratio Lower Upper
184 100
63 91.3 54.2 81.2#
154 68.7 184.0 276.0#



#54
Dibenzofuran
Concen: 37.051 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:168 Resp: 1089326
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 14.0 10.9 16.3

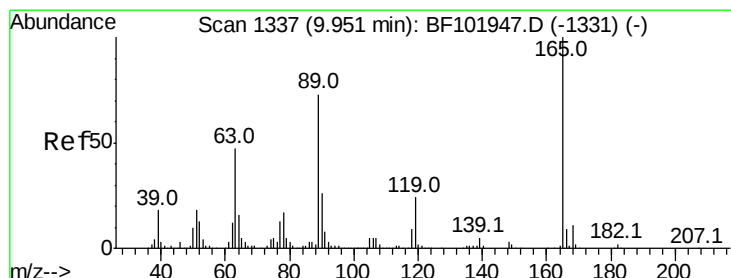
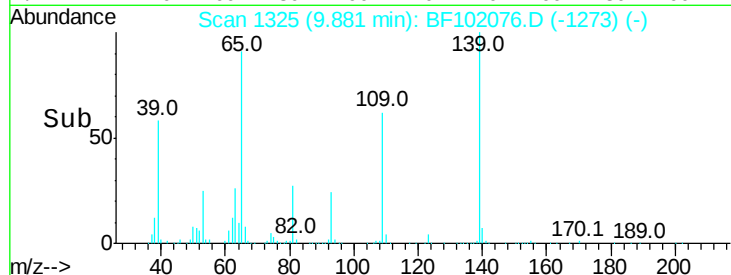
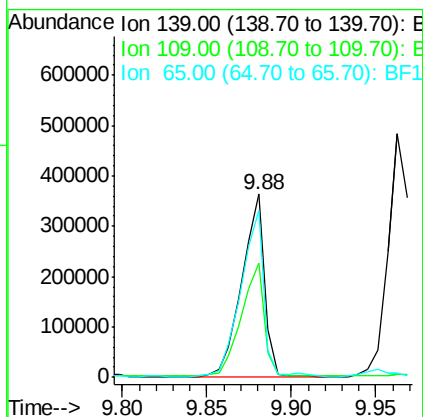
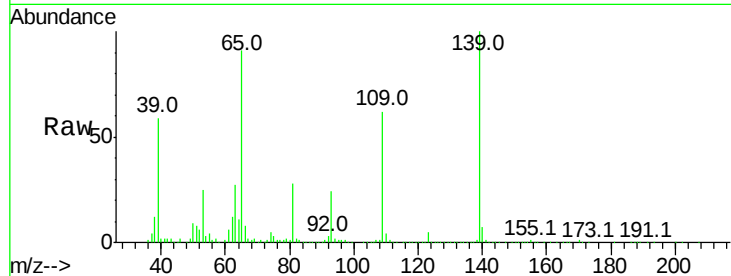




#55
4-Nitrophenol
Concen: 70.372 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

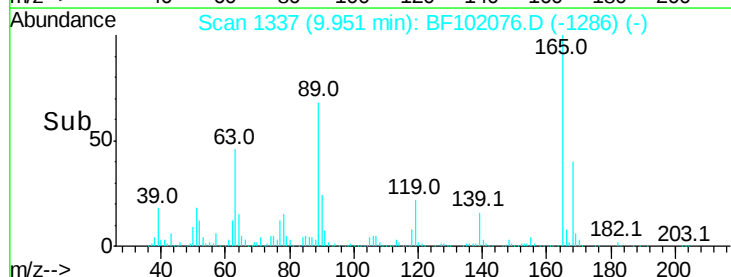
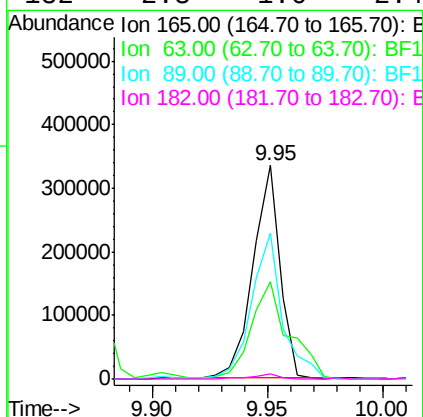
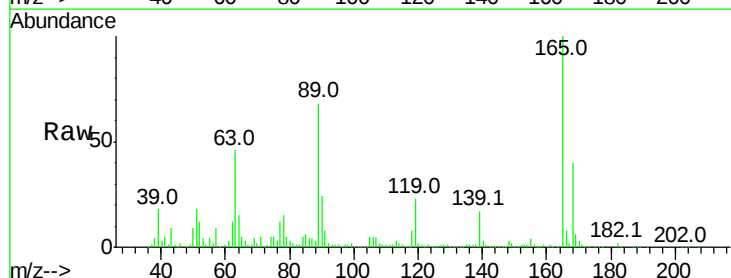
Instrument :
BNA_F
ClientSampleId :

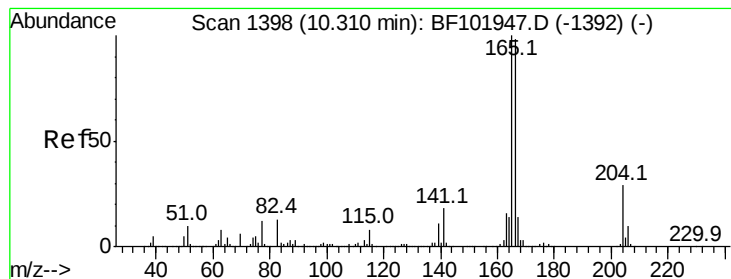
Tot Ion:139 Resp: 344128
Ion Ratio Lower Upper
139 100
109 62.3 48.4 88.4
65 91.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.119 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:165 Resp: 274480
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 68.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.350 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

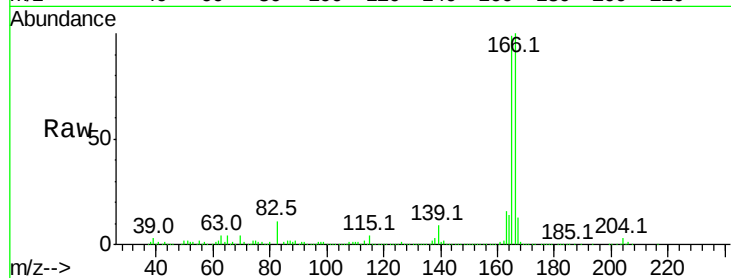
Tot Ion:166 Resp: 779431

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

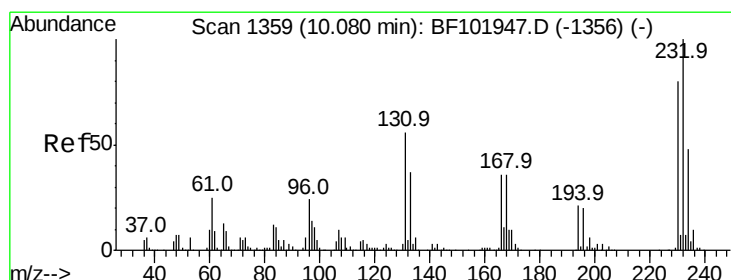
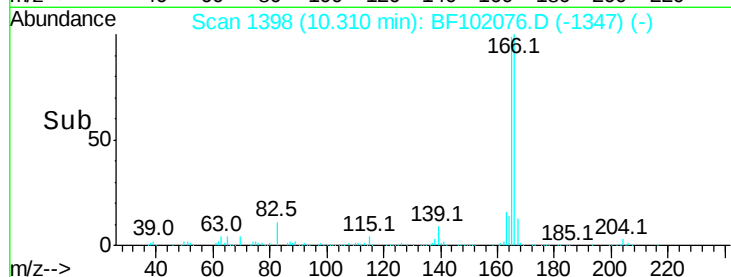
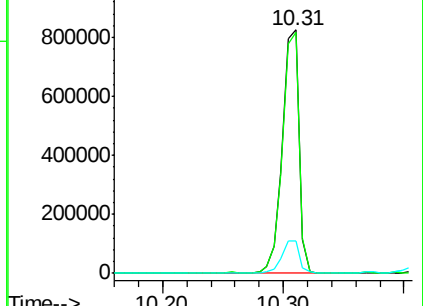
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.739 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:232 Resp: 197182

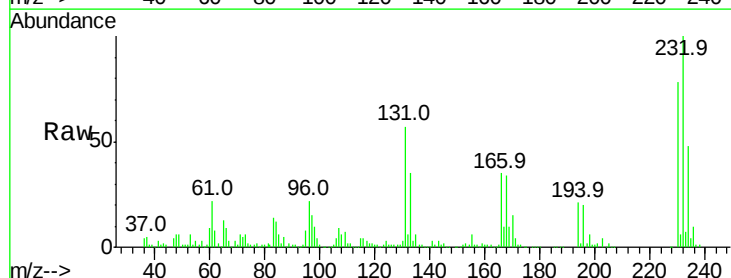
Ion Ratio Lower Upper

232 100

131 54.2 43.8 65.8

130 3.0 2.1 3.1

166 34.1 27.8 41.6

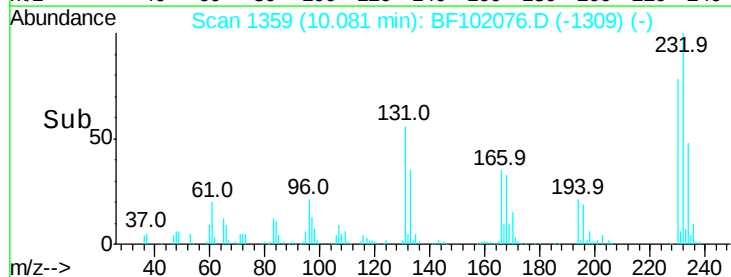
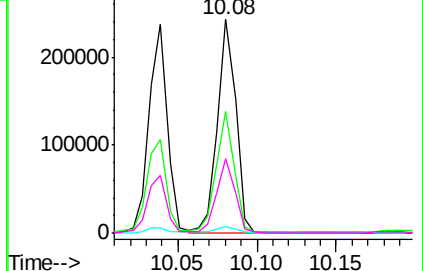


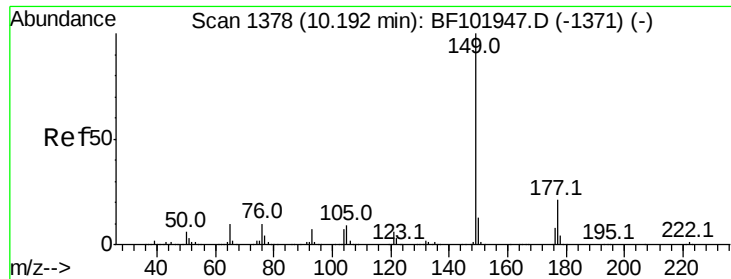
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.766 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

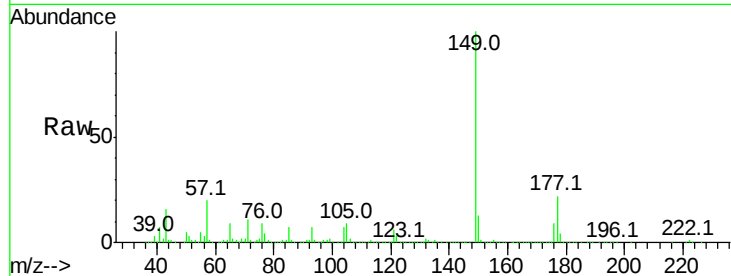
Tot Ion:149 Resp: 926061

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

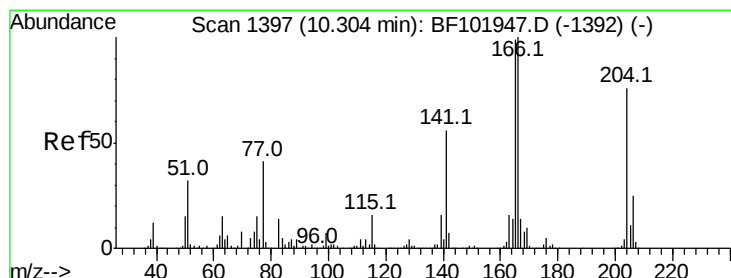
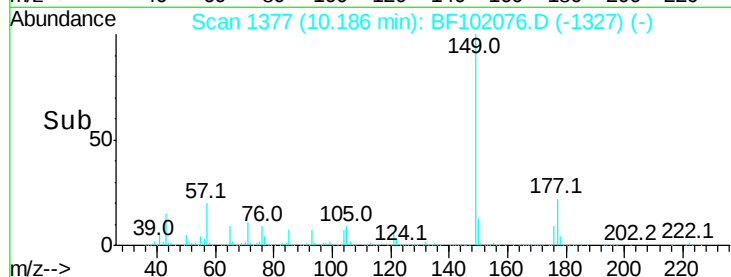
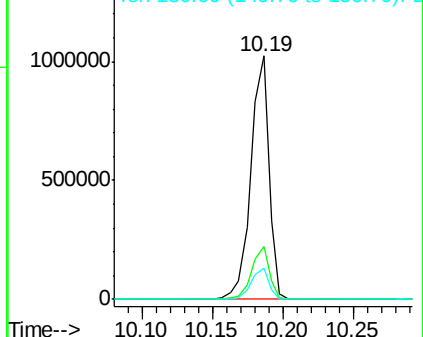
150 12.8 10.1 15.1



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: 39.599 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

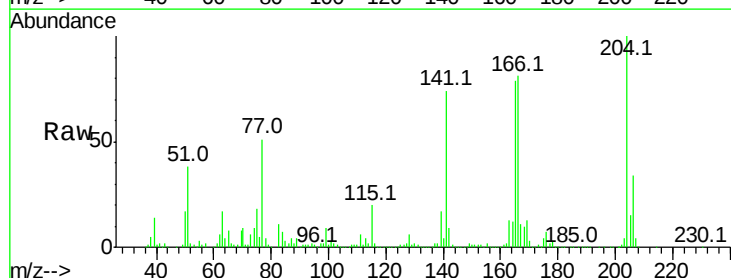
Tgt Ion:204 Resp: 342707

Ion Ratio Lower Upper

204 100

206 33.9 26.5 39.7

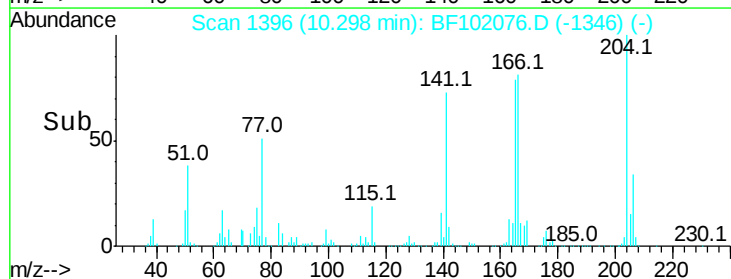
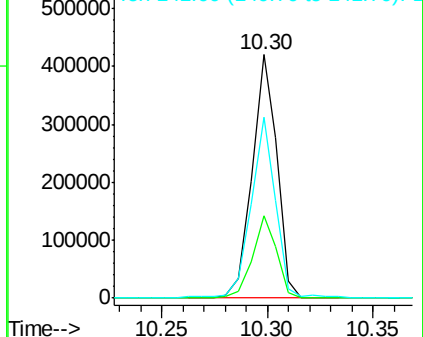
141 74.1 54.6 81.8

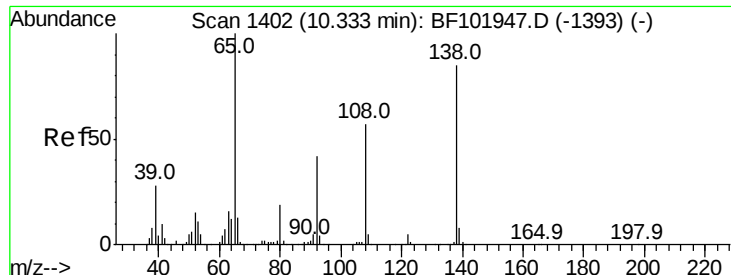


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

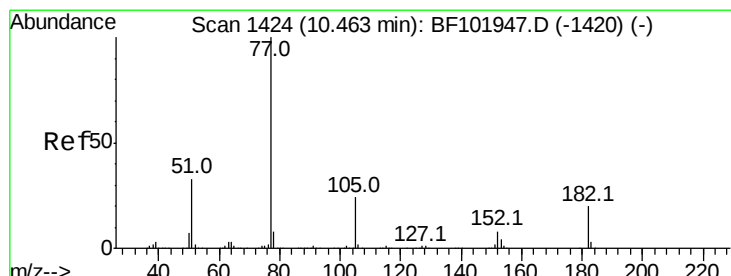
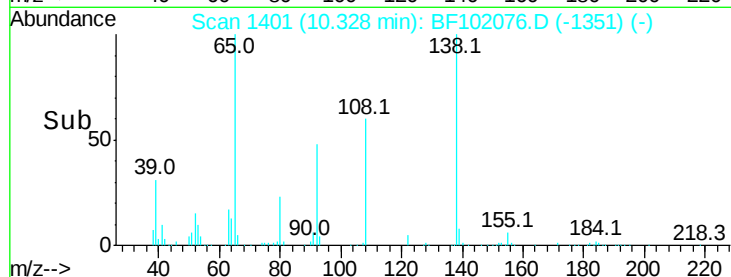
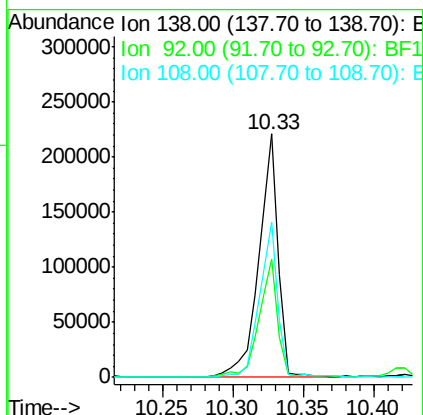
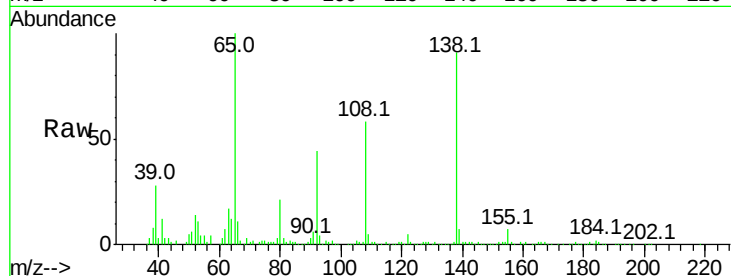




#61
4-Nitroaniline
Concen: 33.950 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

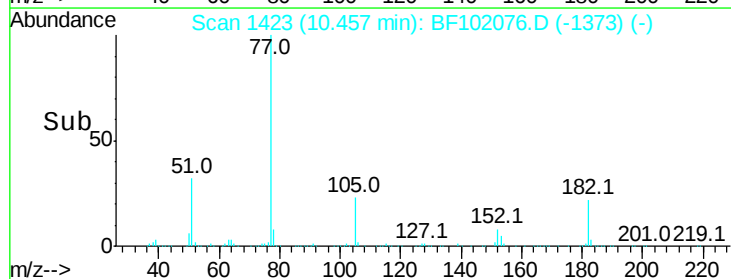
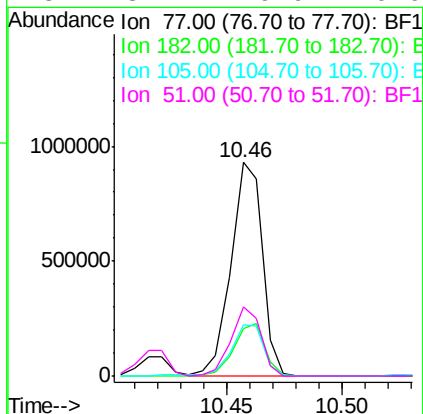
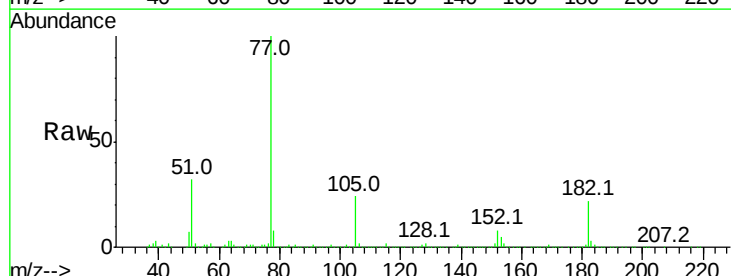
Instrument :
BNA_F
ClientSampled :

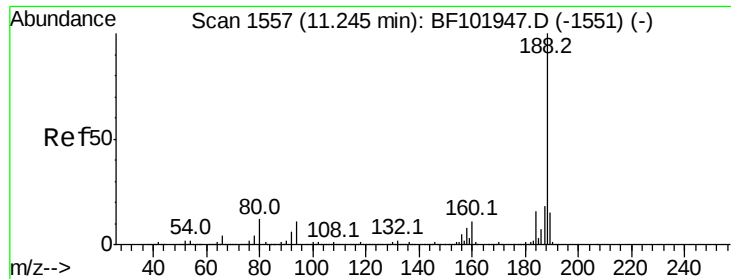
Tot Ion:138 Resp: 211421
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 63.7 52.5 92.5



#62
Azobenzene
Concen: 34.020 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion: 77 Resp: 876369
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 23.8 3.0 43.0
51 32.4 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: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

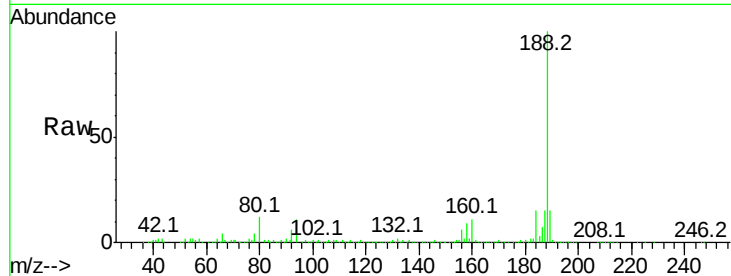
Tot Ion:188 Resp: 452749

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

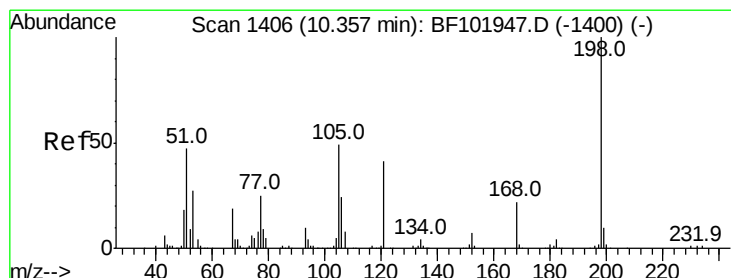
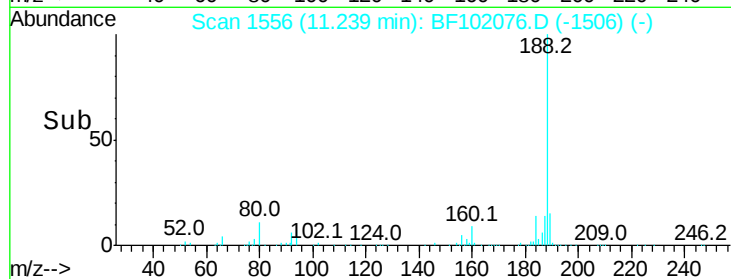
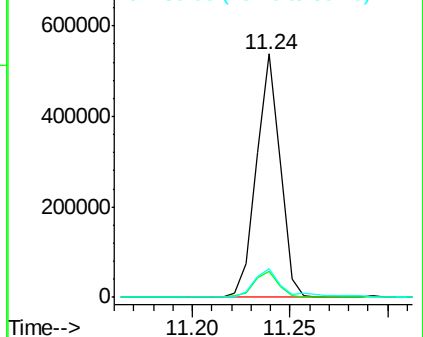
80 11.9 9.2 13.8



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: 19.754 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

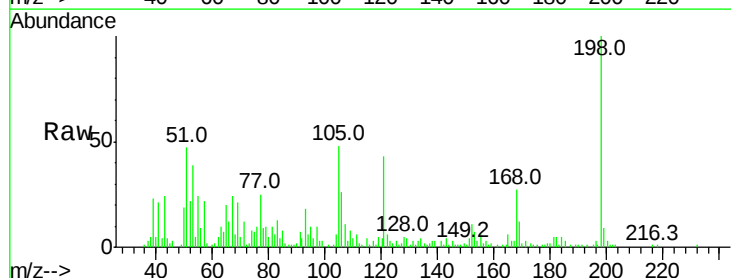
Tgt Ion:198 Resp: 39285

Ion Ratio Lower Upper

198 100

51 47.4 37.7 77.7

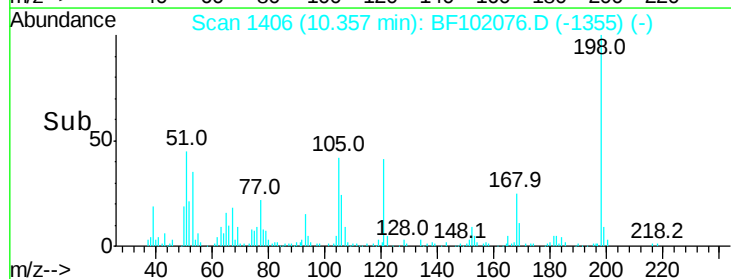
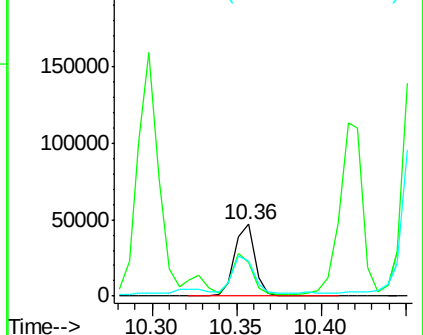
105 48.2 36.3 76.3

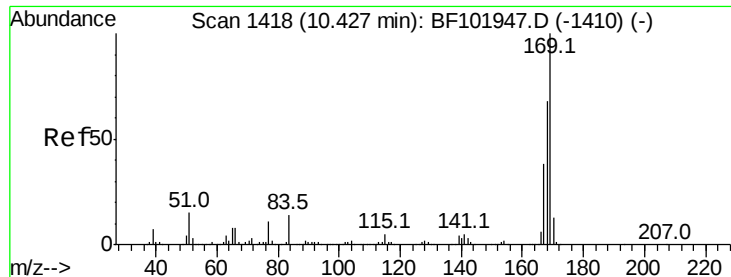


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.453 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

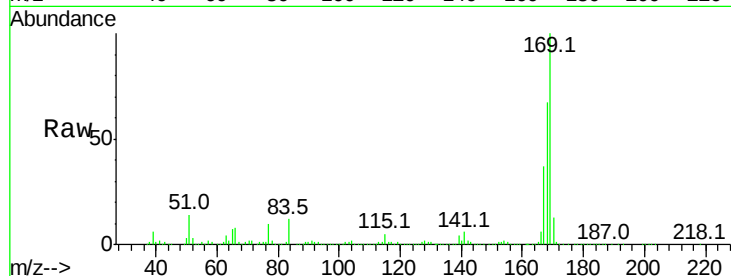
Tot Ion:169 Resp: 719727

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

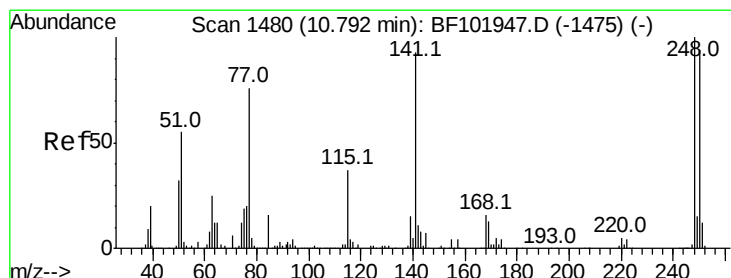
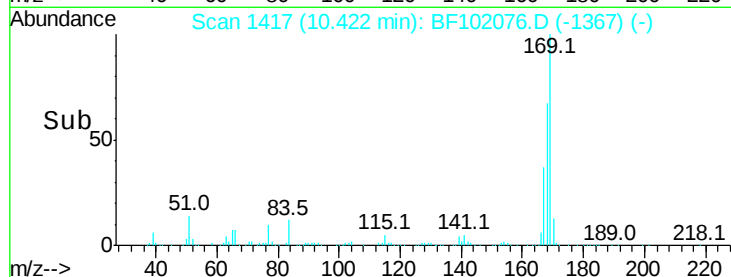
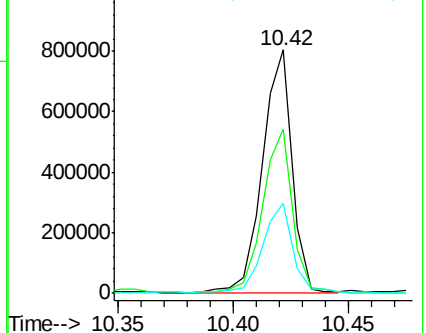
167 37.0 29.8 44.6



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: 44.760 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

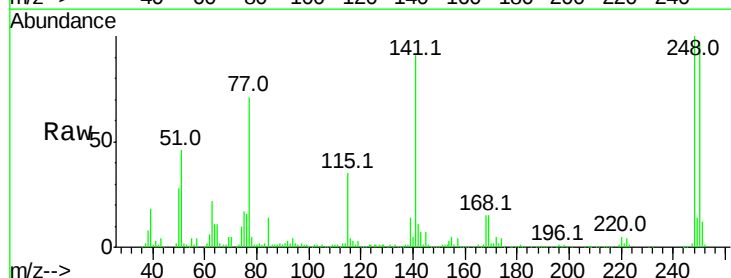
Tgt Ion:248 Resp: 214008

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

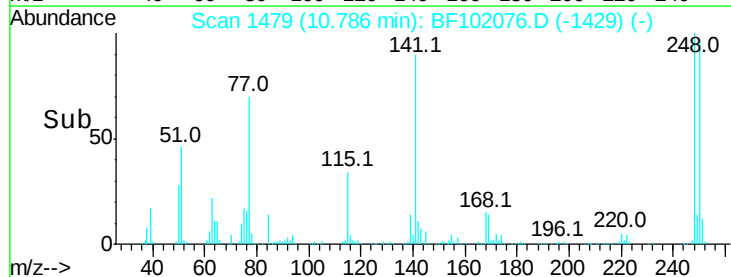
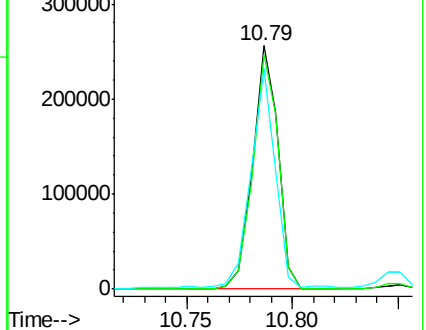
141 90.6 74.4 111.6

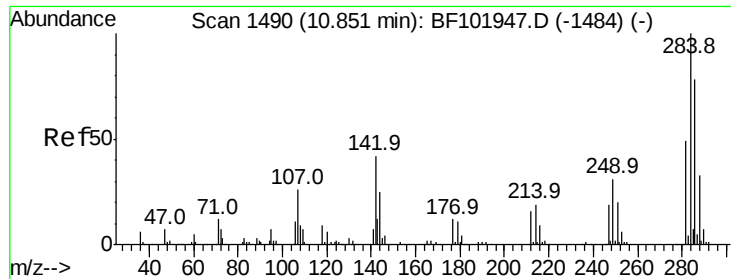


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

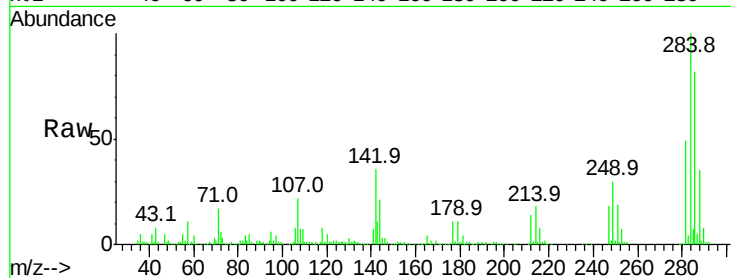




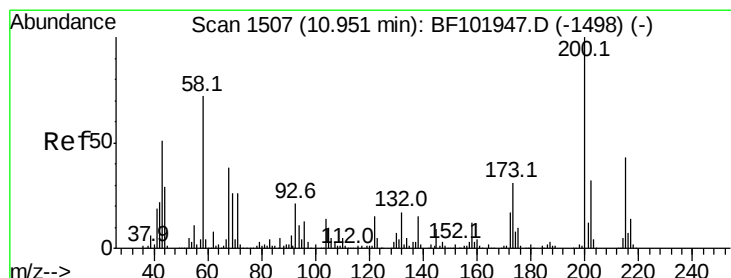
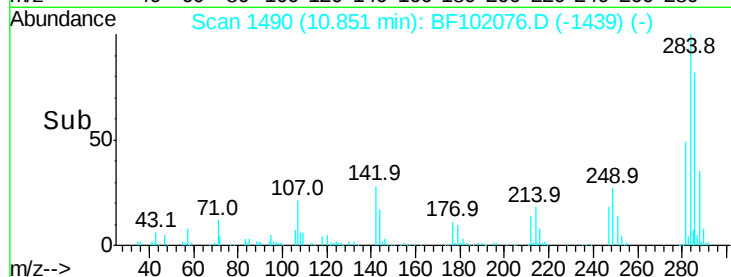
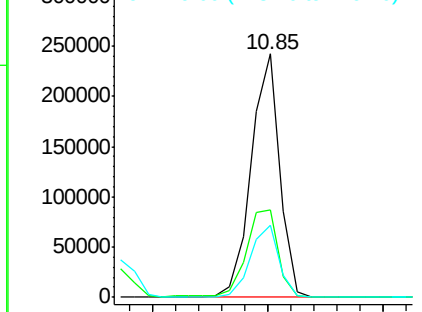
#67
Hexachlorobenzene
Concen: 40.176 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 209706
Ion Ratio Lower Upper
284 100
142 35.8 34.6 52.0
249 29.5 24.8 37.2

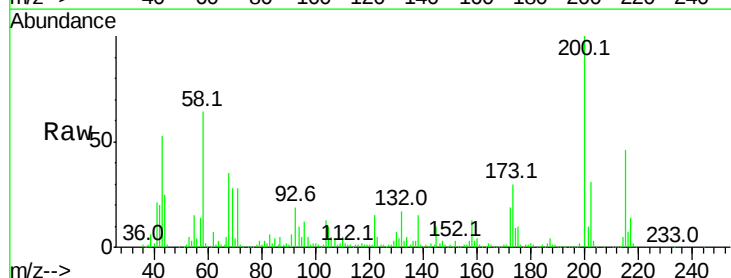


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

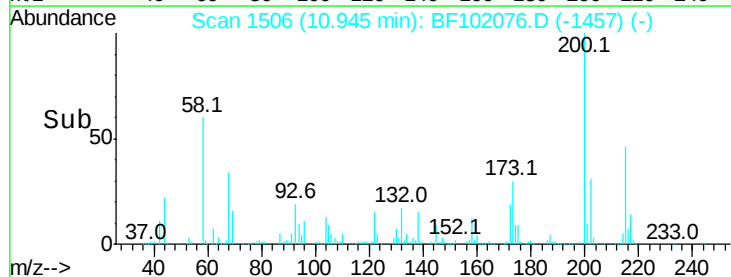
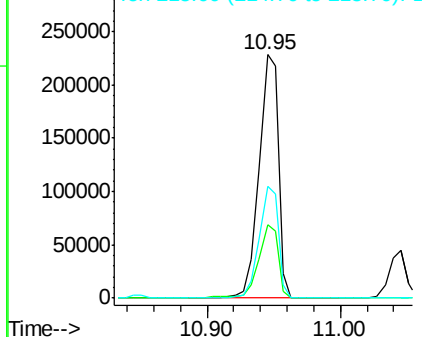


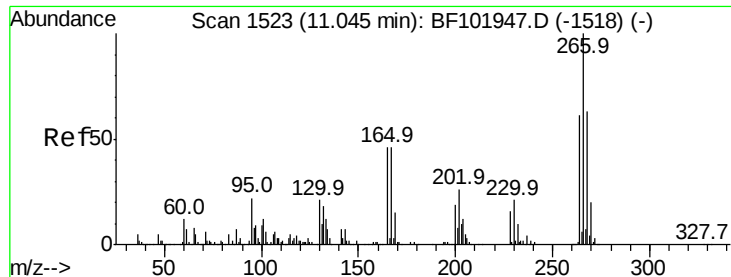
#68
Atrazine
Concen: 46.139 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:200 Resp: 226057
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 45.8 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

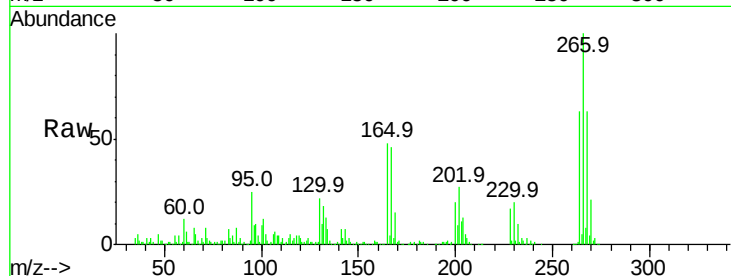




#69
 Pentachlorophenol
 Concen: 62.993 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.2	49.5	74.3

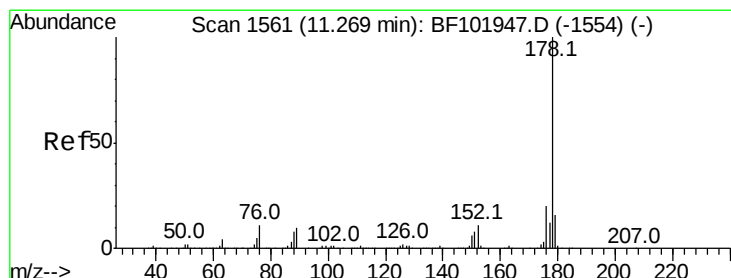
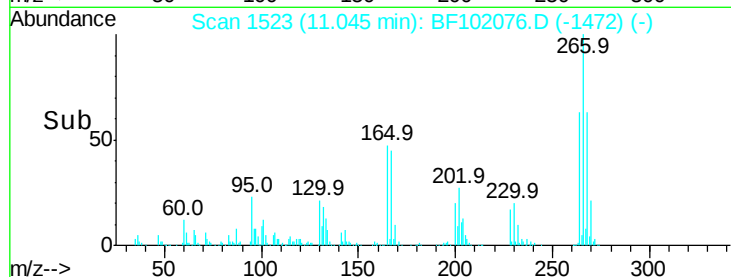
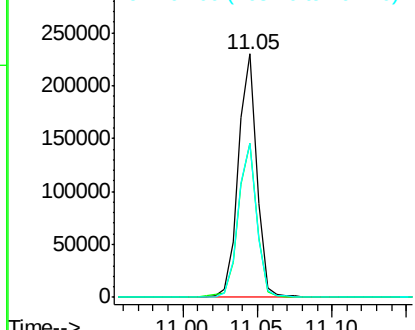


Abundance

Ion 265.70 (265.40 to 266.40): E

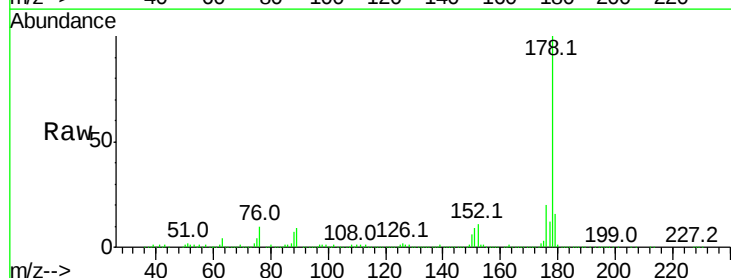
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.750 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102076.D
 Acq: 15 Jan 2018 21:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6

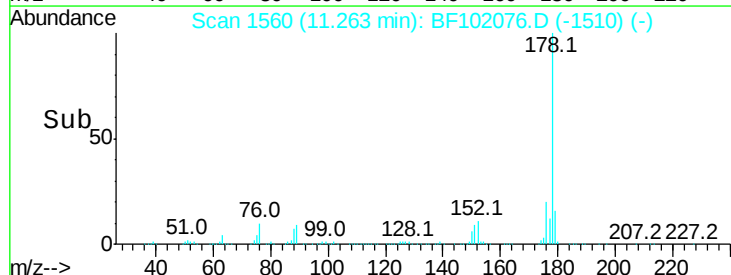
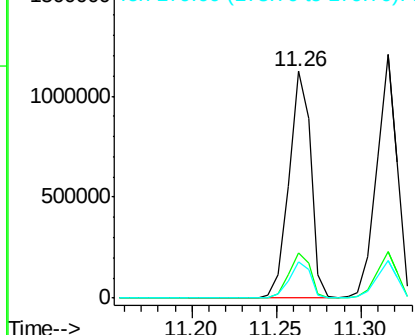


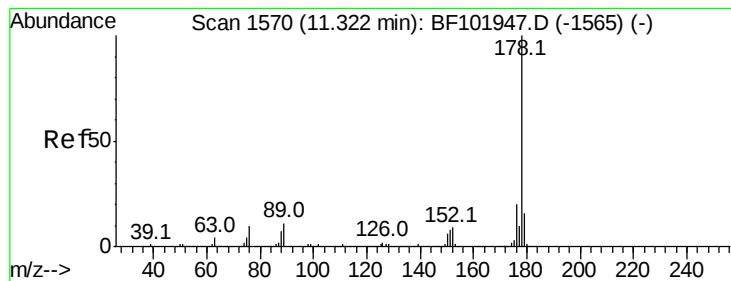
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.916 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

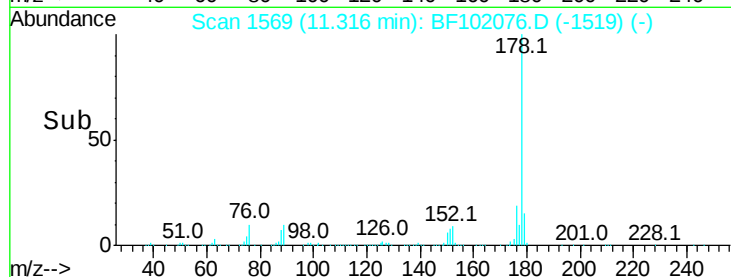
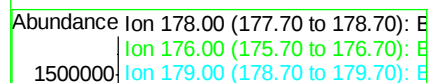
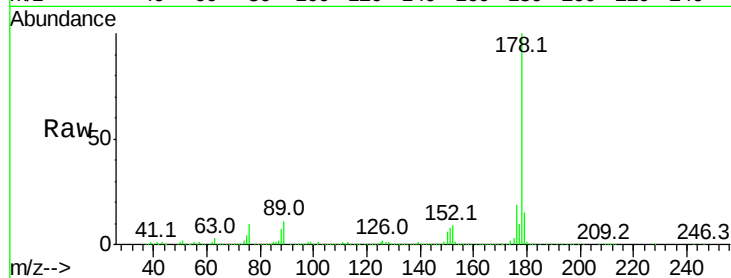
Tot Ion:178 Resp: 1016973

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.6	19.0

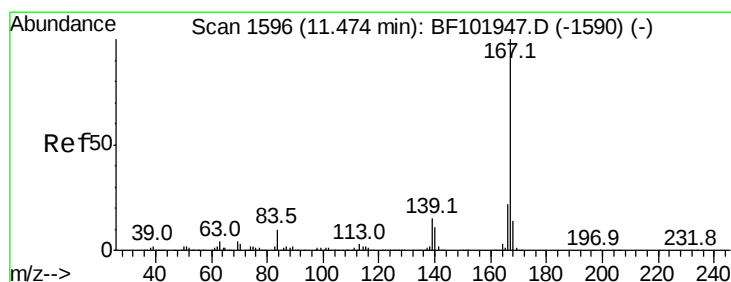
178 100

176 18.8 15.4 23.2

179 15.3 12.6 19.0



Time--> 11.25 11.30 11.35



#72

Carbazole

Concen: 35.458 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

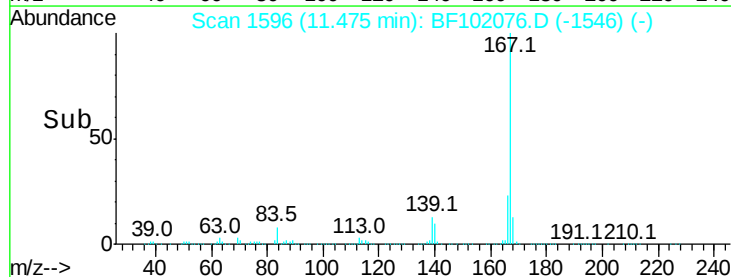
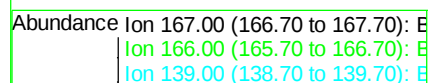
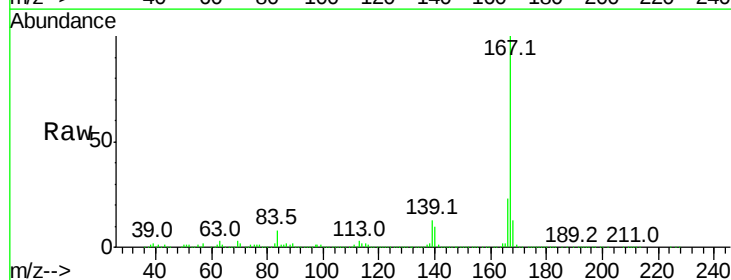
Tgt Ion:167 Resp: 934778

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.1	10.9	16.3

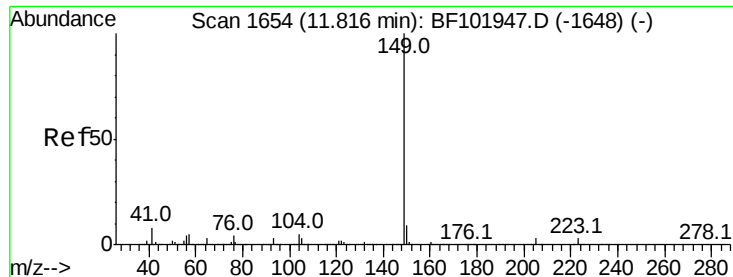
167 100

166 22.6 17.6 26.4

139 13.1 10.9 16.3



Time--> 11.40 11.50



#73

Di-n-butylphthalate

Concen: 38.906 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

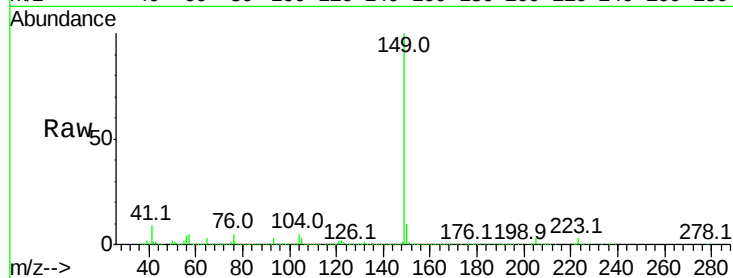
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1258369

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8

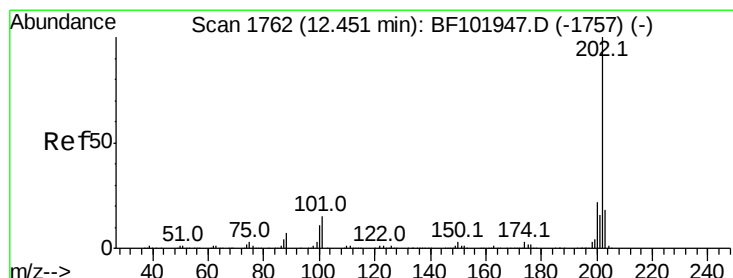
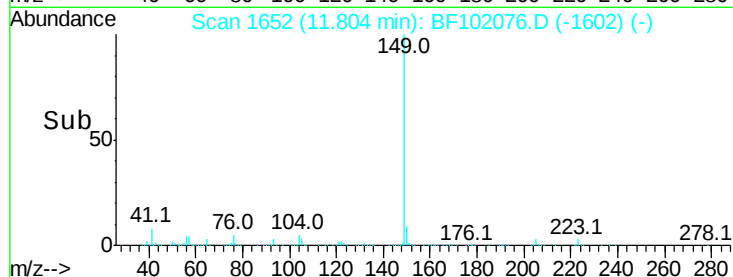
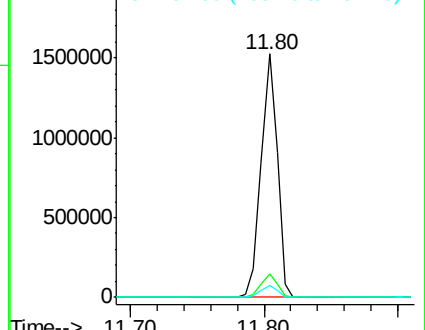


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.109 ng

RT: 12.45 min Scan# 1761

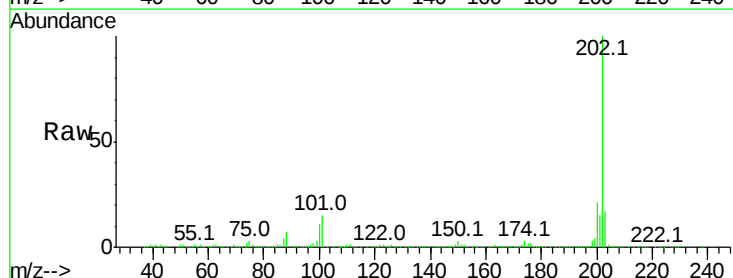
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:202 Resp: 887524

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.5	0.0	38.1

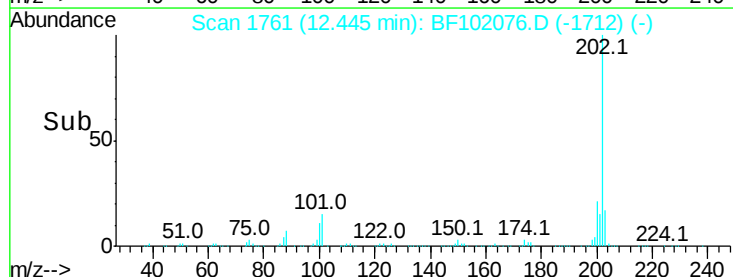
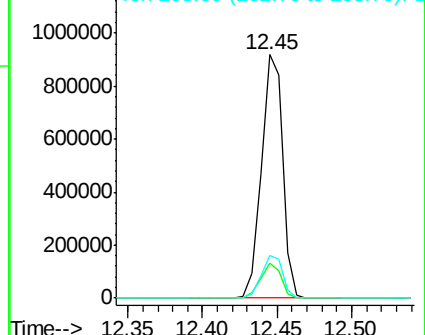


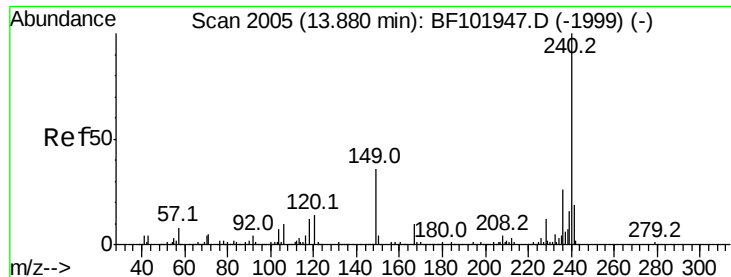
Abundance

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# 2004

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

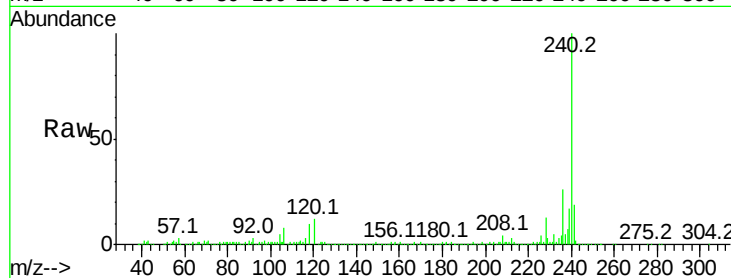
Tot Ion:240 Resp: 328580

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

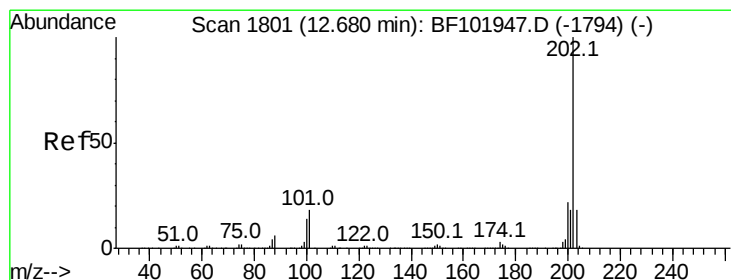
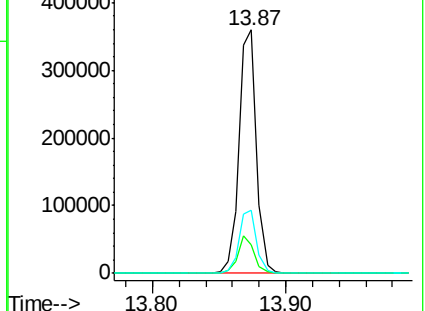
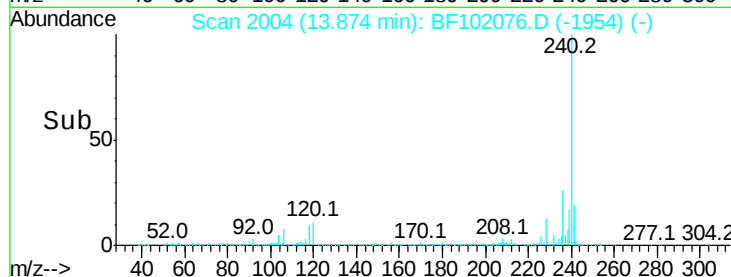
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 31.346 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

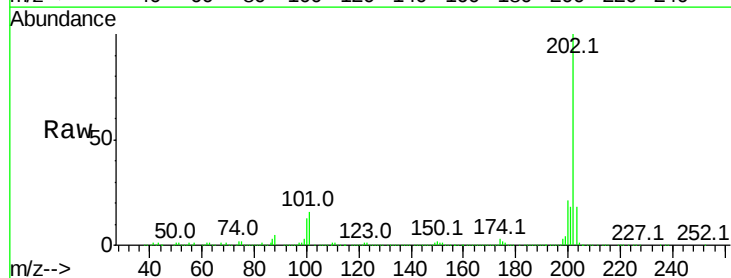
Tgt Ion:202 Resp: 910436

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

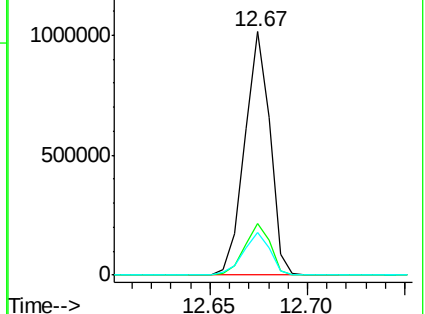
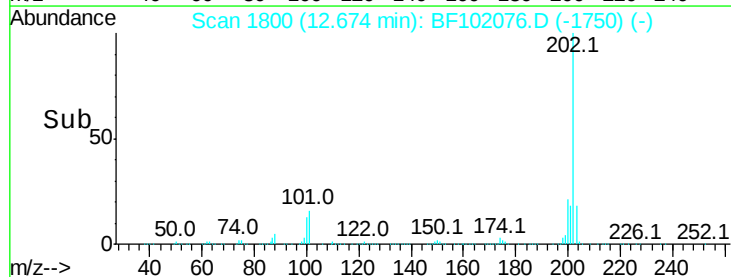
203 17.7 14.3 21.5

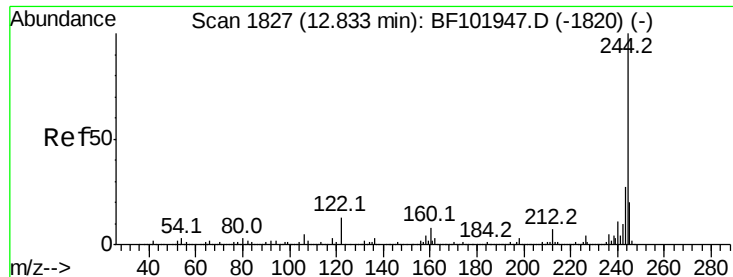


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.944 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

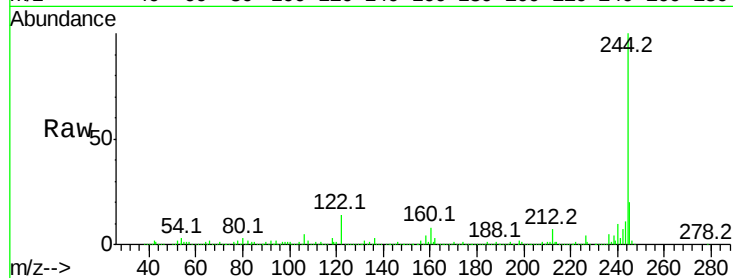
Tot Ion:244 Resp: 1154375

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

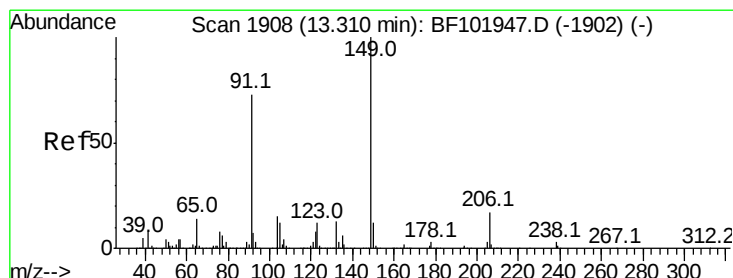
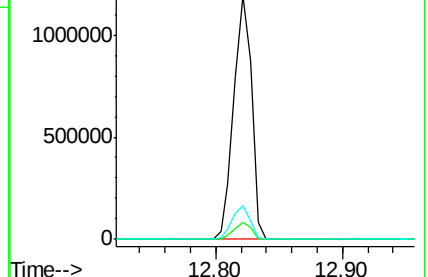
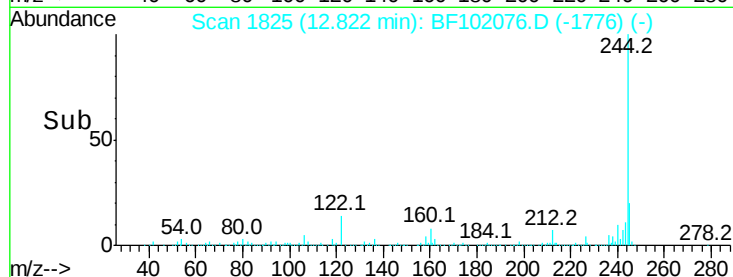
122 14.0 11.0 16.4



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: 33.835 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

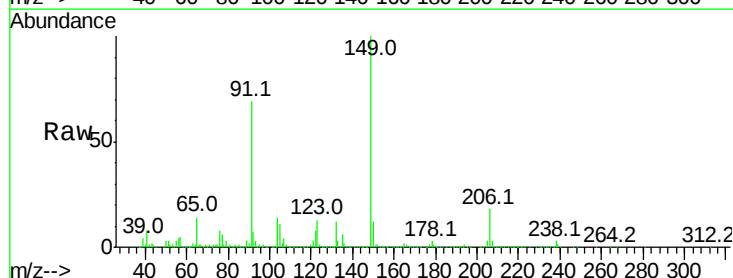
Tgt Ion:149 Resp: 450994

Ion Ratio Lower Upper

149 100

91 68.5 56.8 85.2

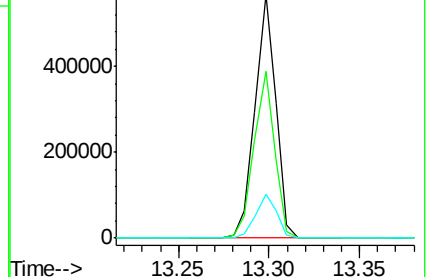
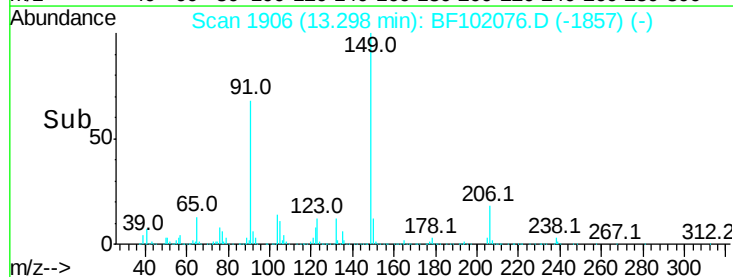
206 17.9 14.1 21.1

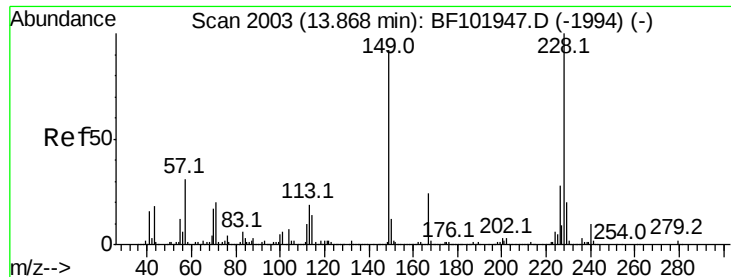


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.890 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

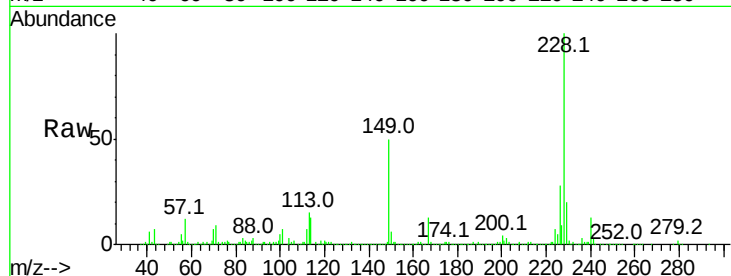
Tot Ion:228 Resp: 752400

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

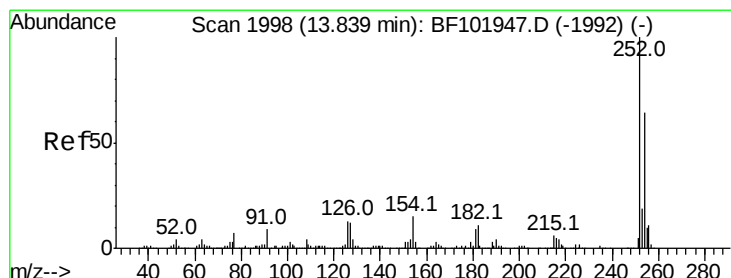
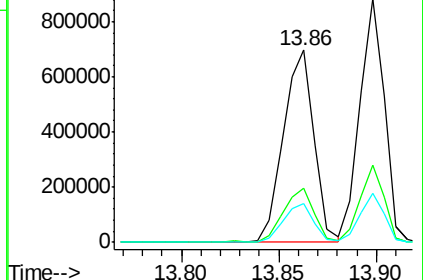
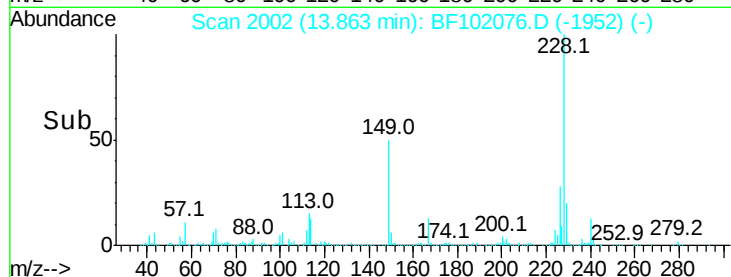
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 29.212 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

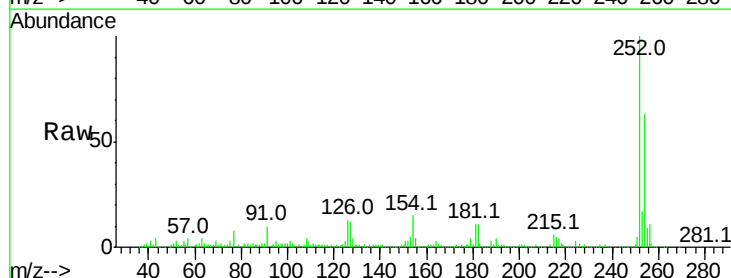
Tgt Ion:252 Resp: 226756

Ion Ratio Lower Upper

252 100

254 63.3 50.4 75.6

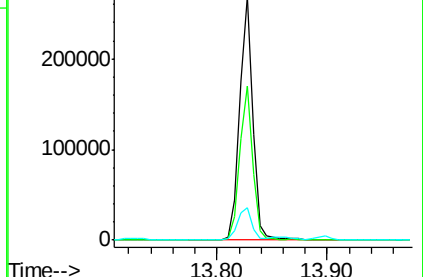
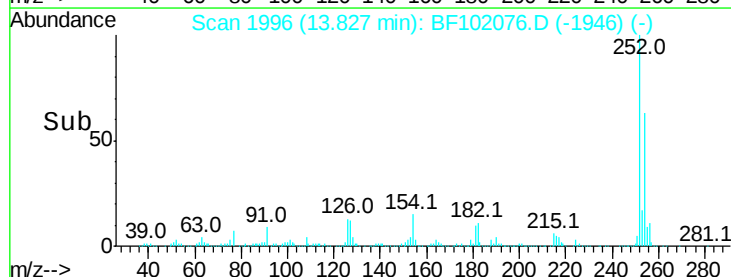
126 13.4 11.3 16.9

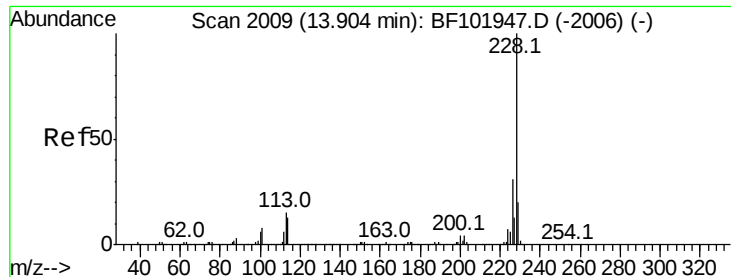


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.428 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampled :

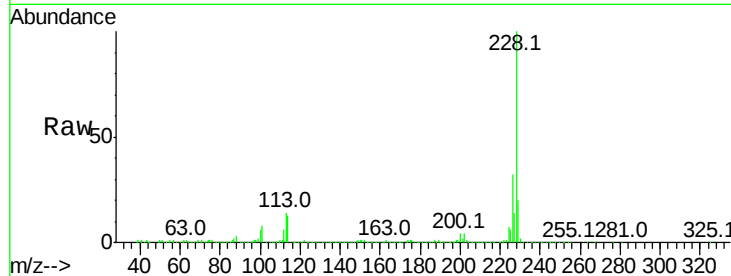
Tot Ion:228 Resp: 774460

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

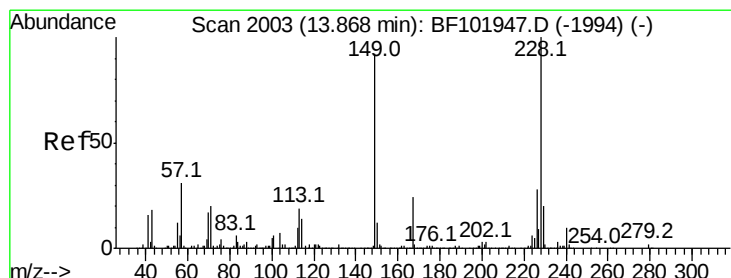
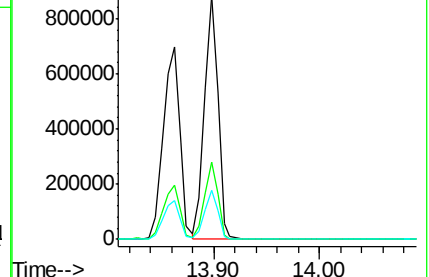
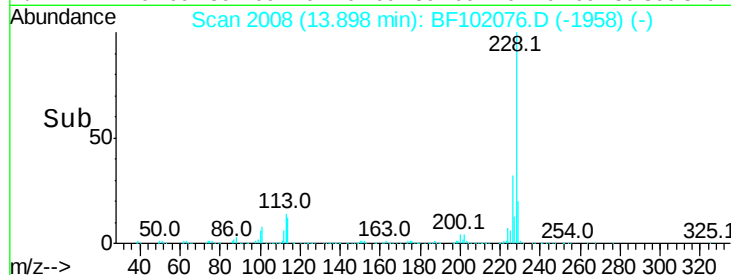
229 20.2 16.2 24.4



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: 35.889 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

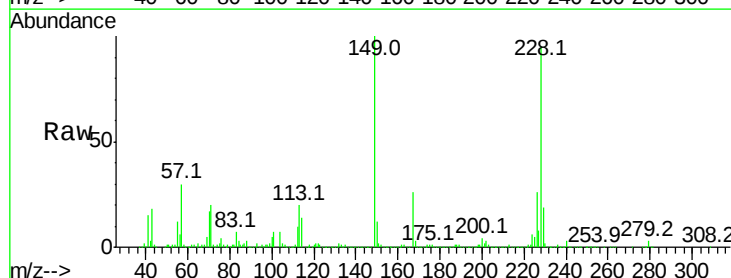
Tgt Ion:149 Resp: 548762

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

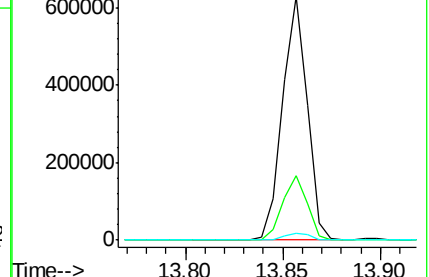
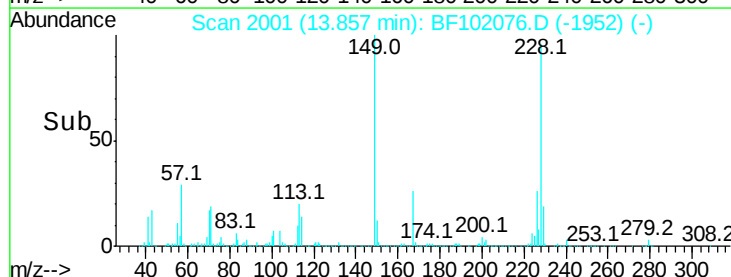
279 3.0 3.0 4.4

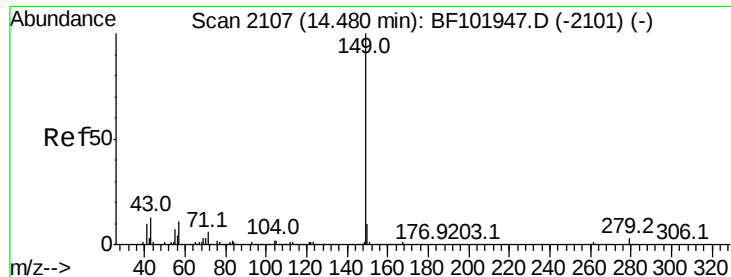


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.003 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

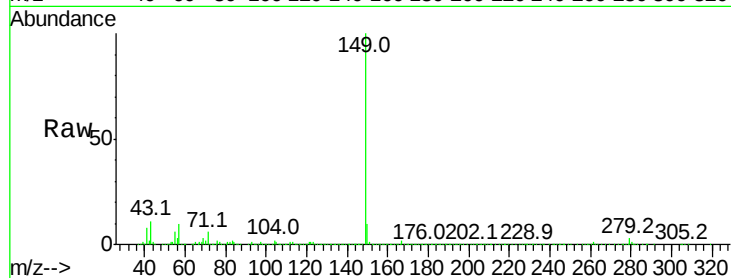
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1116511

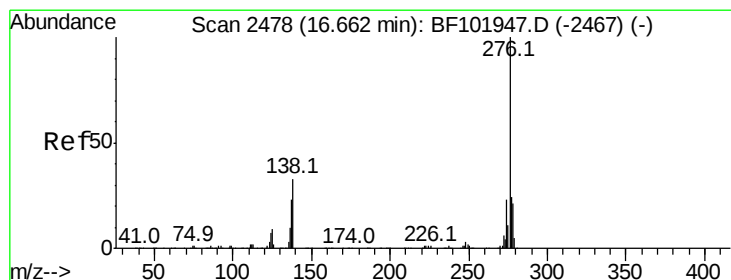
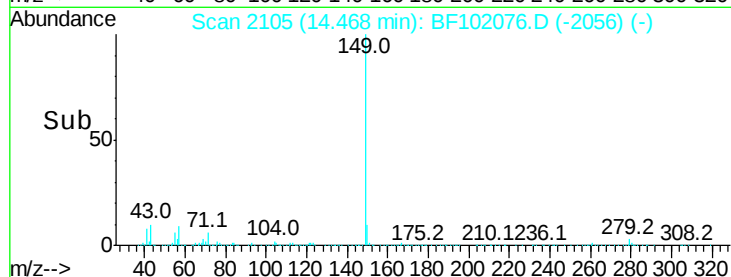
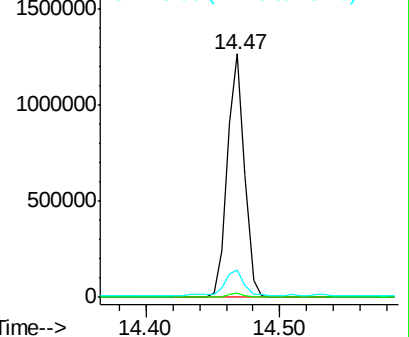
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.980 ng

RT: 16.66 min Scan# 2478

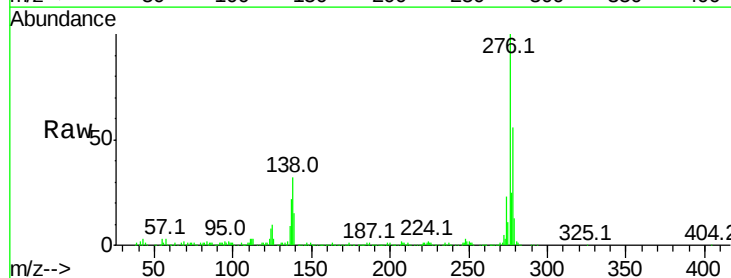
Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:276 Resp: 636100

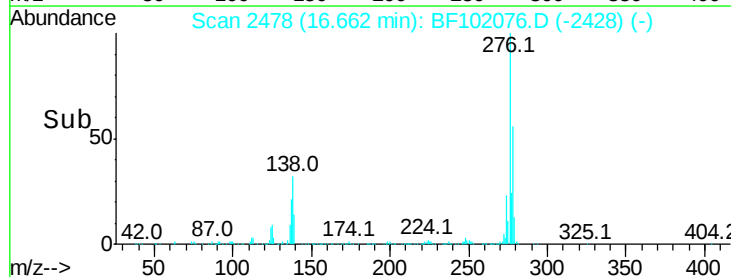
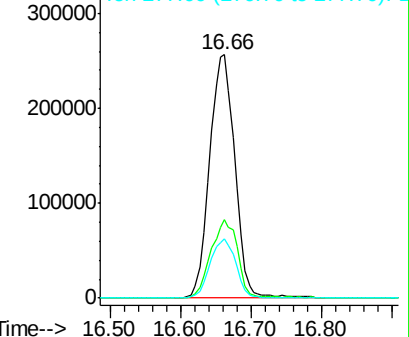
Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	24.9	20.1	30.1

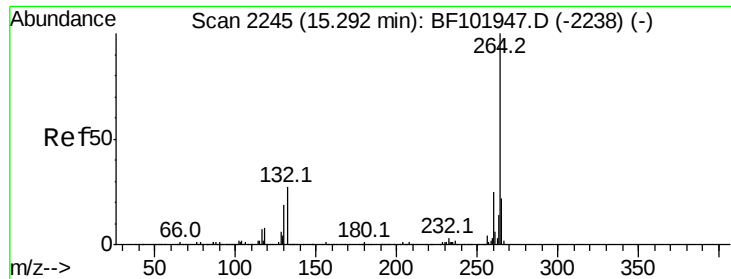


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :

BNA_F

ClientSampleId :

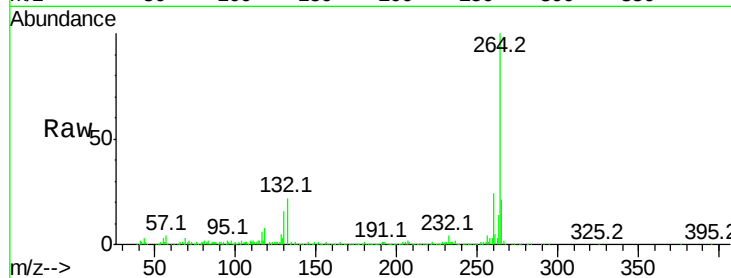
Tot Ion:264 Resp: 318189

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

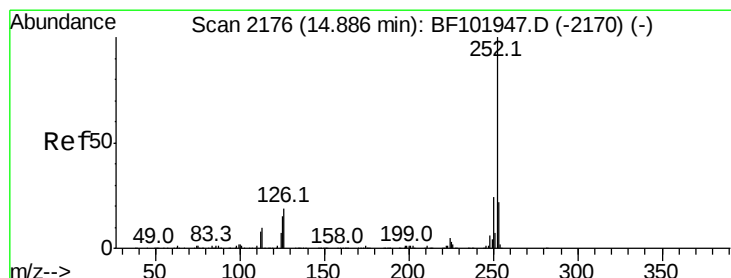
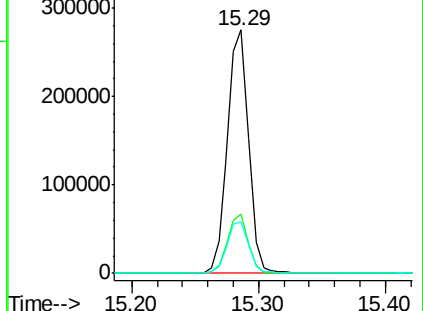
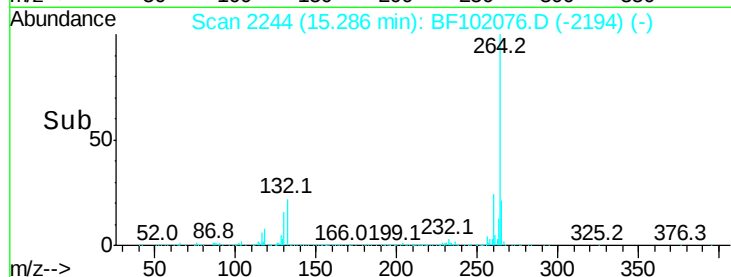
265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 39.237 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

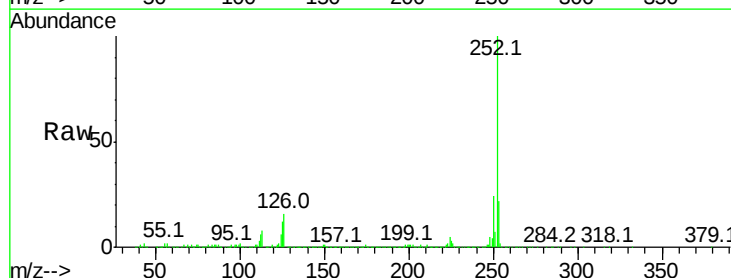
Tgt Ion:252 Resp: 814045

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

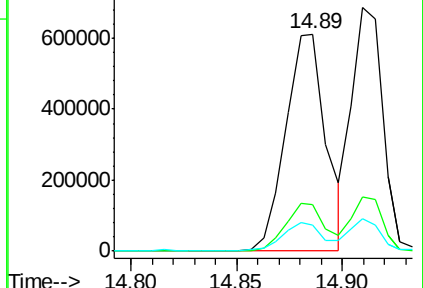
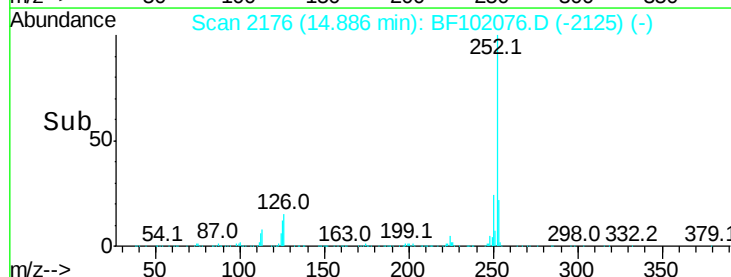
125 12.1 9.0 13.6

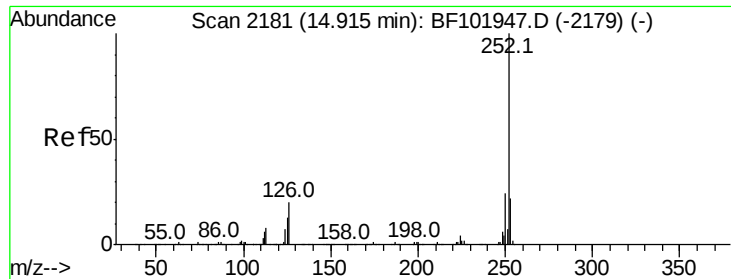


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 35.727 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

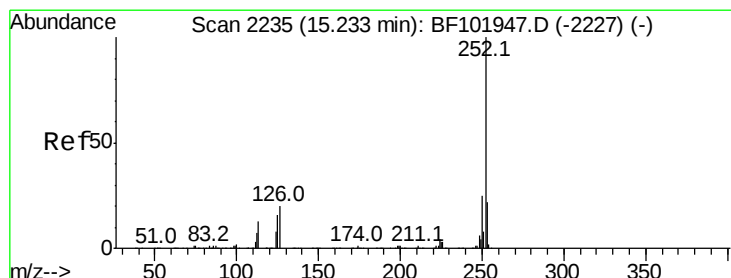
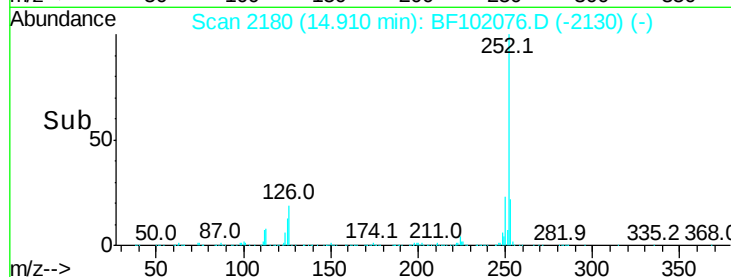
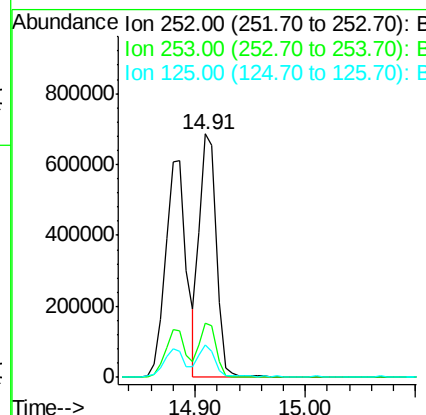
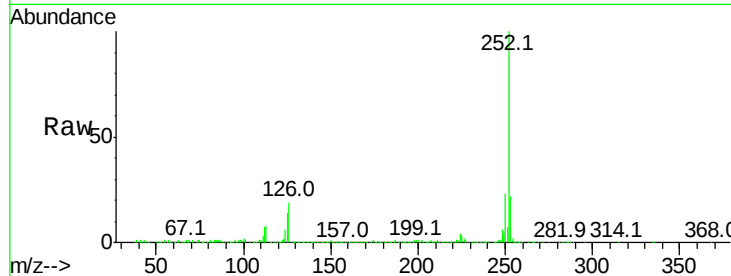
Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 715046

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.5	10.2	15.2



#89

Benzo(a)pyrene

Concen: 38.423 ng

RT: 15.23 min Scan# 2234

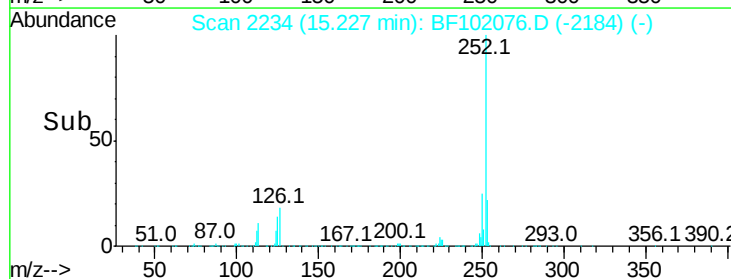
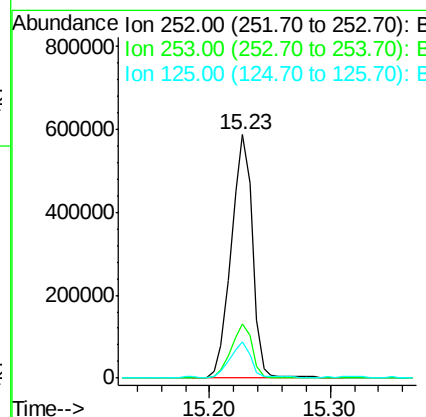
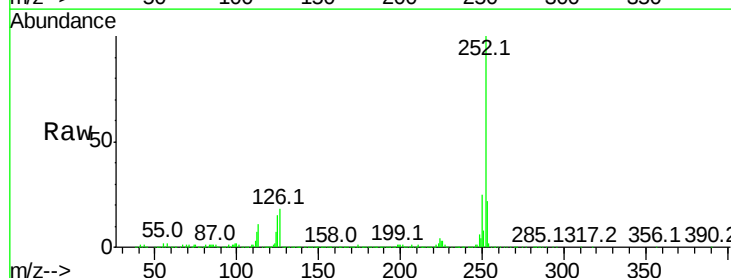
Delta R.T. -0.01 min

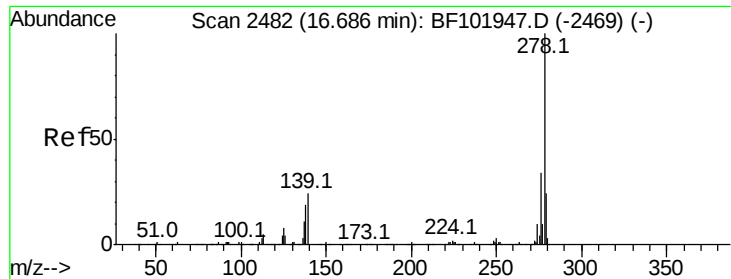
Lab File: BF102076.D

Acq: 15 Jan 2018 21:20

Tgt Ion:252 Resp: 717339

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.7	9.8	14.6

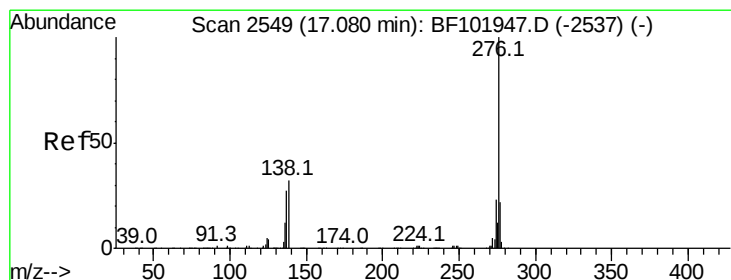
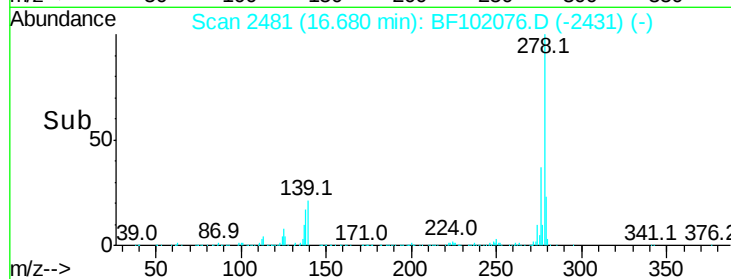
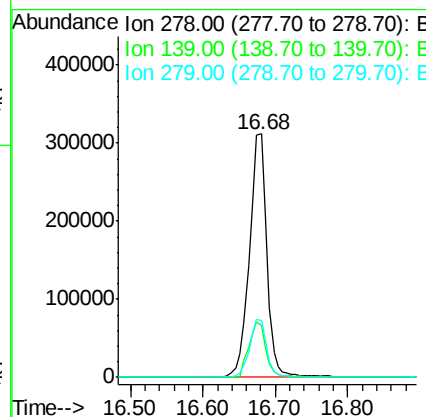
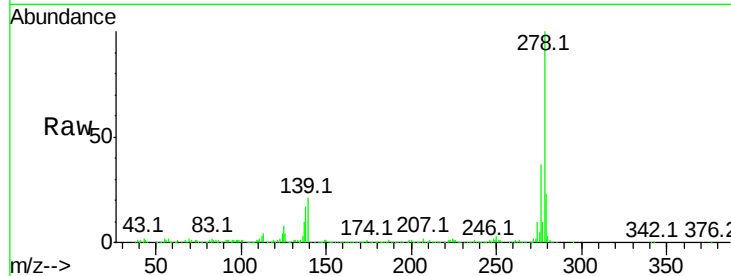




#90
Dibenzo(a,h)anthracene
Concen: 35.406 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 527496
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 23.4 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 33.442 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF102076.D
Acq: 15 Jan 2018 21:20

Tgt Ion:276 Resp: 501885
Ion Ratio Lower Upper
276 100
277 23.4 17.9 26.9
138 28.8 21.8 32.8

