

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102232.D
 Acq On : 19 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1183-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4473-4476

Quant Time: Jan 20 00:47:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

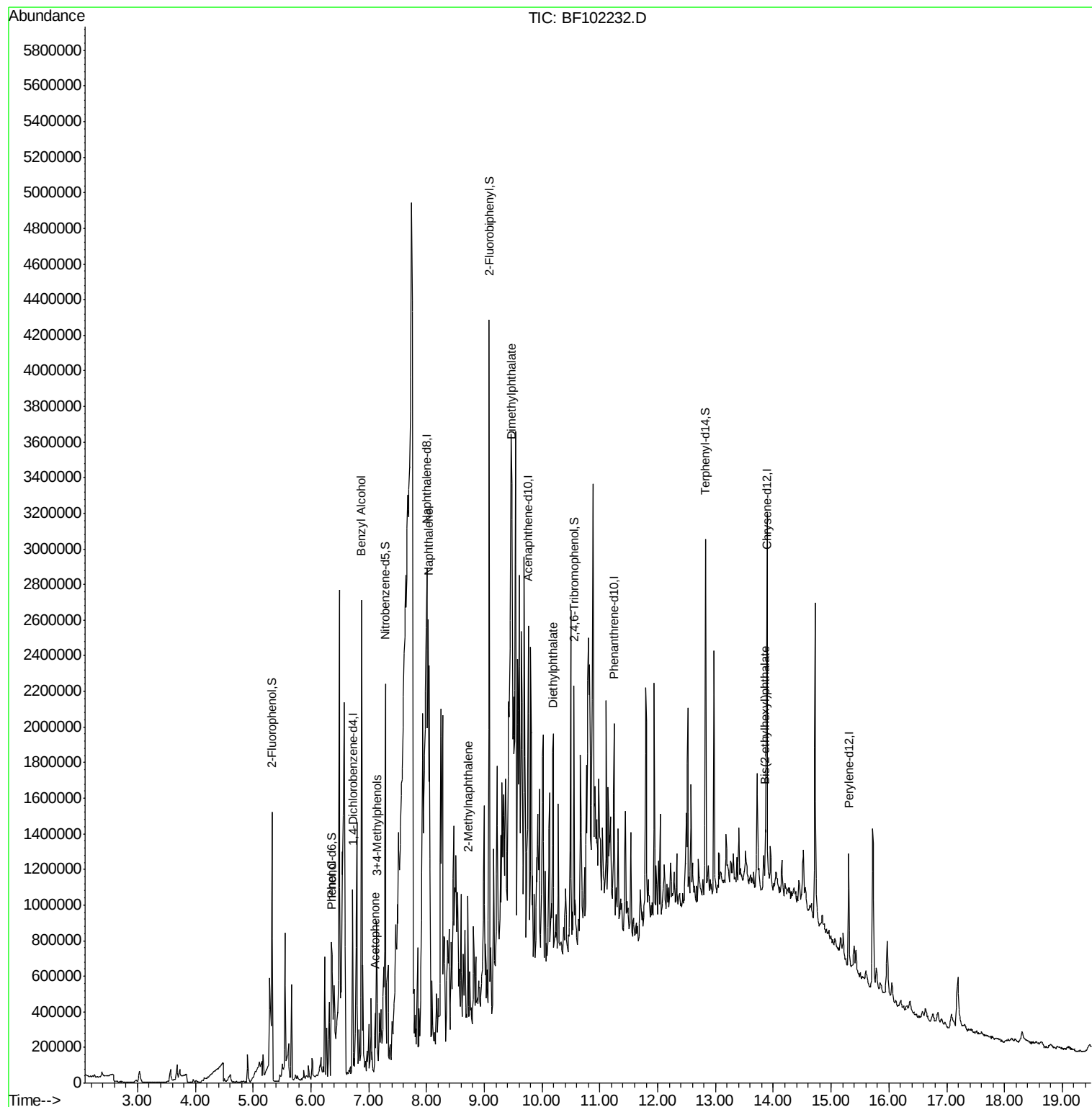
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138804	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	505427	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	218540	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323538	20.00	ng	0.00
75) Chrysene-d12	13.88	240	233031	20.00	ng	0.00
86) Perylene-d12	15.30	264	264845	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	419573	42.68	ng	0.00
7) Phenol-d6	6.36	99	374976	31.97	ng	-0.01
23) Nitrobenzene-d5	7.29	82	682184	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	174737	91.62	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1208626	86.40	ng	0.00
78) Terphenyl-d14	12.83	244	721991	64.33	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	133589	10.079	ng	92
15) Benzyl Alcohol	6.87	79	80461	9.379	ng	95
20) 3+4-Methylphenols	7.14	107	189587	17.755	ng	87
22) Acetophenone	7.12	105	54060	4.439	ng	# 59
31) Naphthalene	8.03	128	141168	5.590	ng	98
37) 2-Methylnaphthalene	8.72	142	214376	12.894	ng	99
49) Dimethylphthalate	9.48	163	75488	4.306	ng	# 95
59) Diethylphthalate	10.18	149	115593	6.628	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	87808	8.097	ng	97

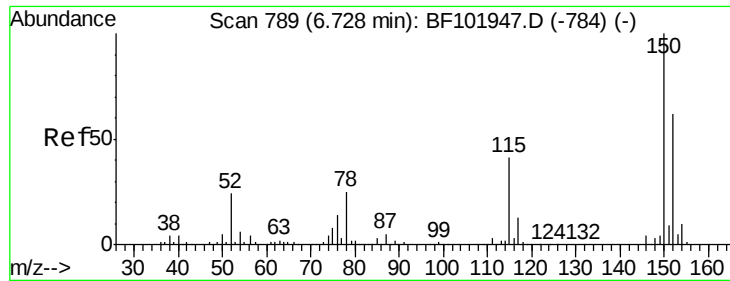
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102232.D
Acq On : 19 Jan 2018 22:25
Operator : SJ/JU
Sample : J1183-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4473-4476

Quant Time: Jan 20 00:47:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

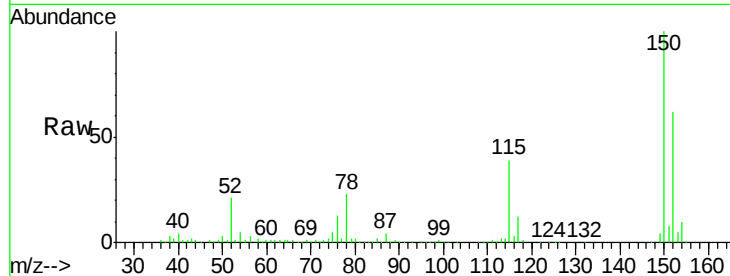




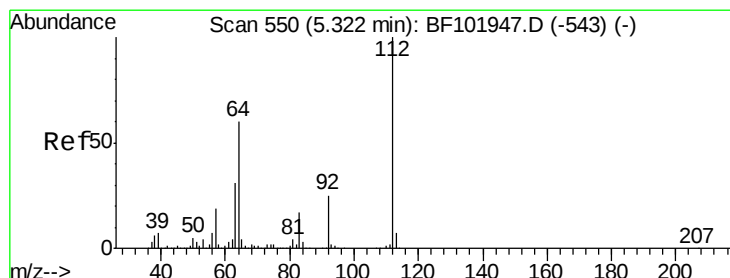
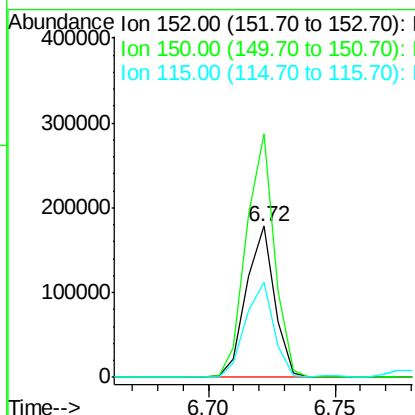
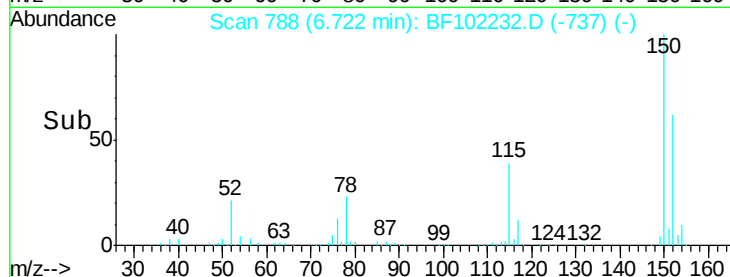
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 4473-4476

Tot Ion:152 Resp: 138804
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 63.0 50.1 75.1

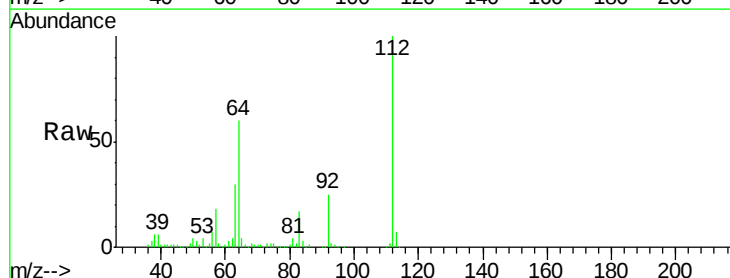


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

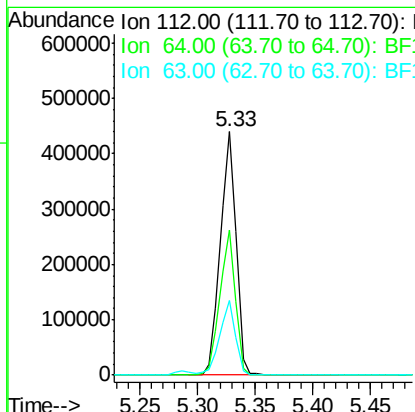
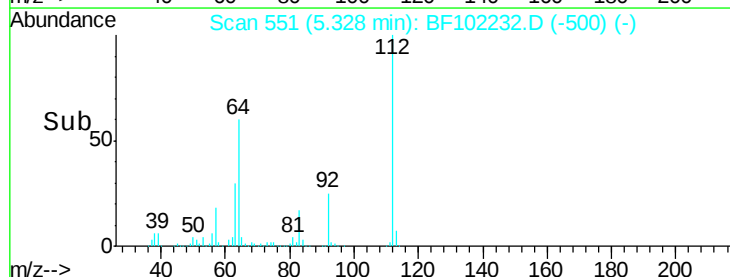


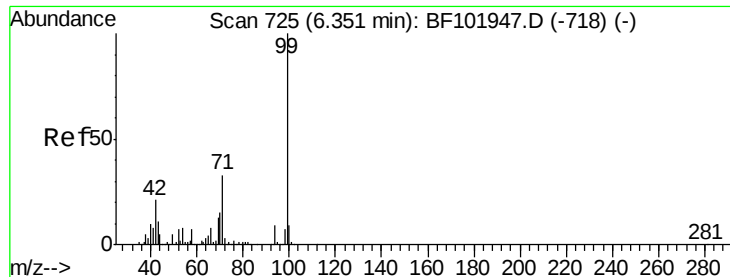
#5
 2-Fluorophenol
 Concen: 42.684 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Tgt Ion:112 Resp: 419573
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 30.5 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





#7

Phenol-d6

Concen: 31.973 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

4473-4476

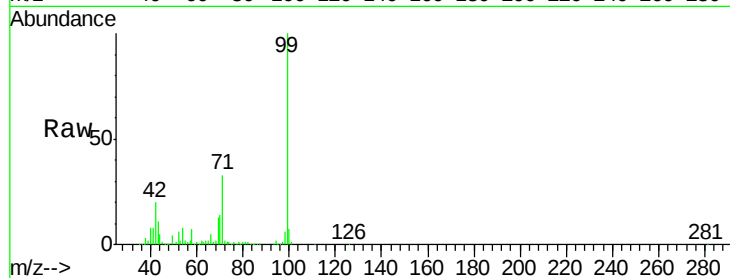
Tot Ion: 99 Resp: 374976

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

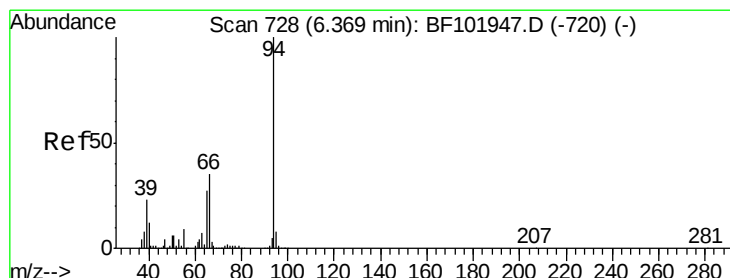
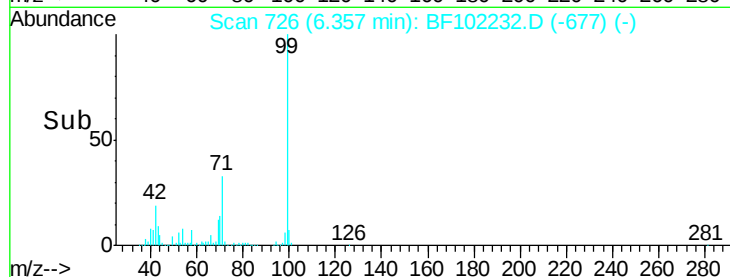
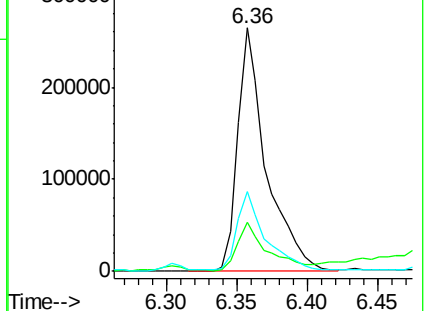
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 10.079 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

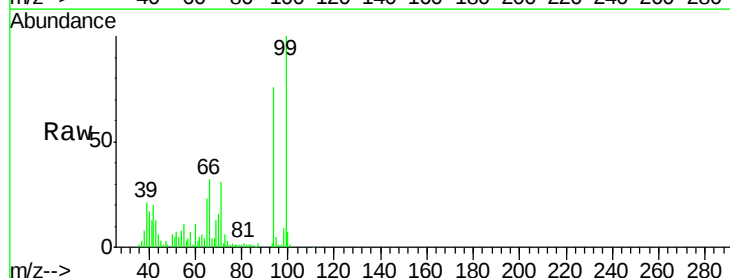
Tgt Ion: 94 Resp: 133589

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

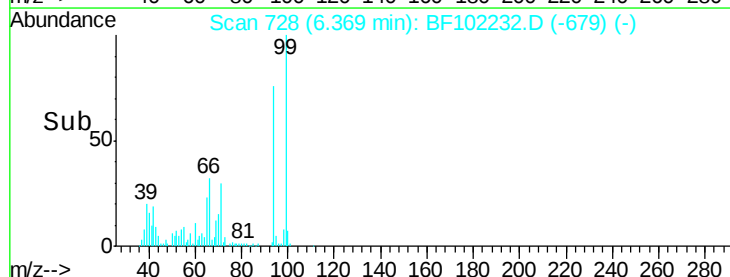
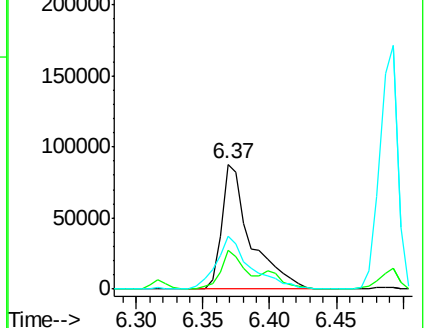
66 42.4 16.2 56.2

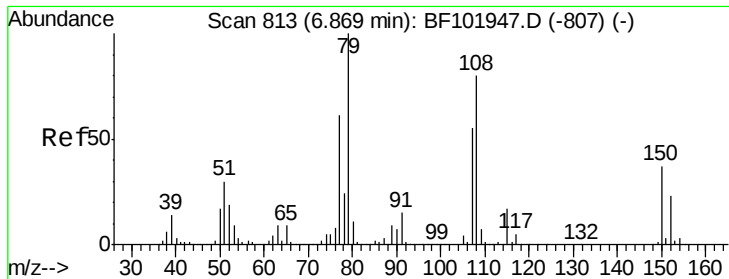


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

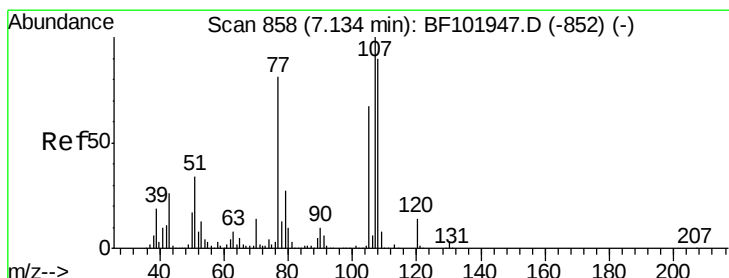
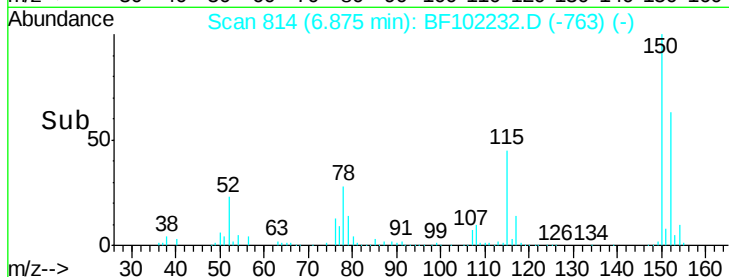
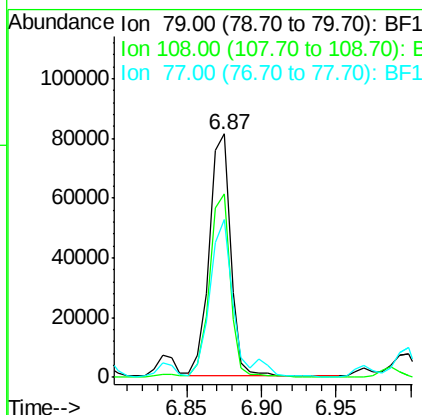
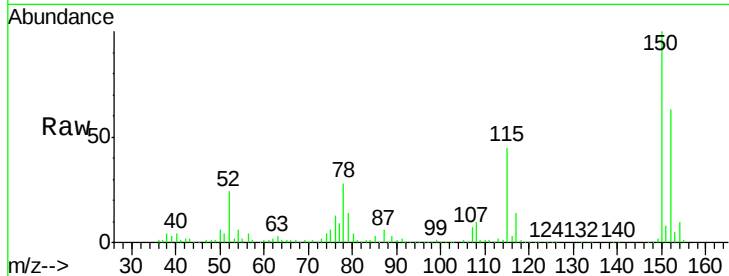




#15
Benzyl Alcohol
Concen: 9.379 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

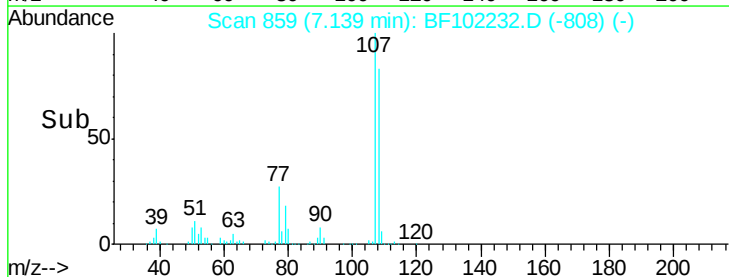
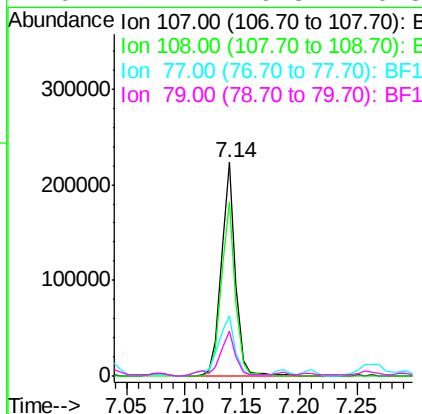
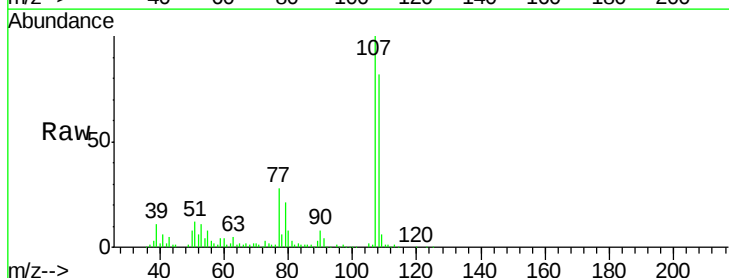
Instrument :
BNA_F
ClientSampleId :
4473-4476

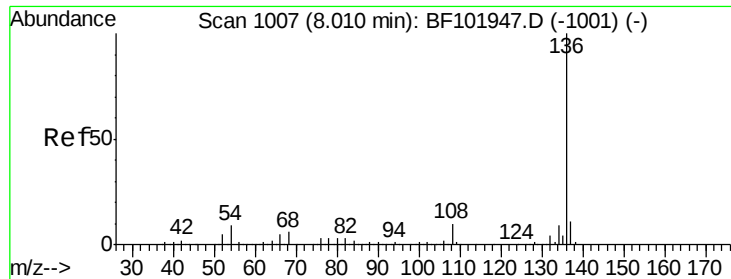
Tot Ion: 79 Resp: 80461
Ion Ratio Lower Upper
79 100
108 75.3 65.1 97.7
77 64.6 50.6 75.8



#20
3+4-Methylphenols
Concen: 17.755 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion: 107 Resp: 189587
Ion Ratio Lower Upper
107 100
108 81.7 68.2 108.2
77 28.3 26.7 66.7
79 21.1 6.3 46.3

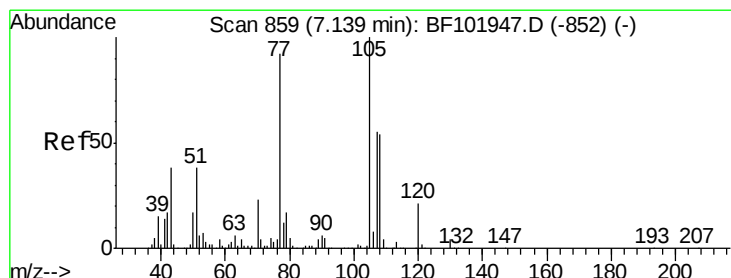
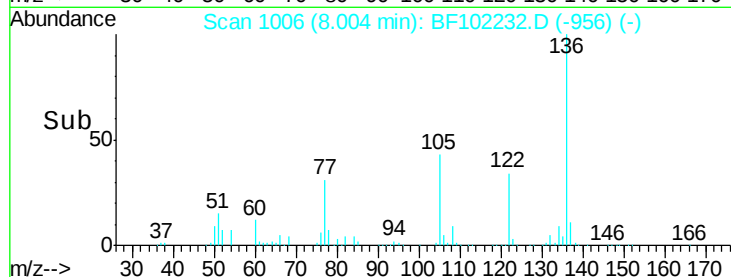
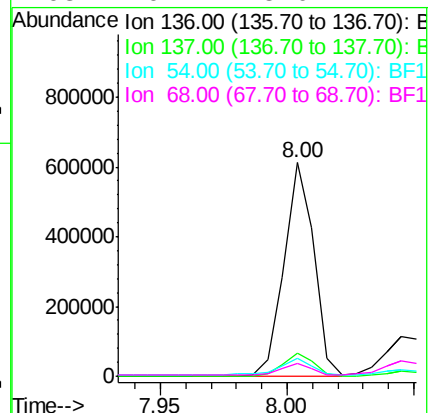
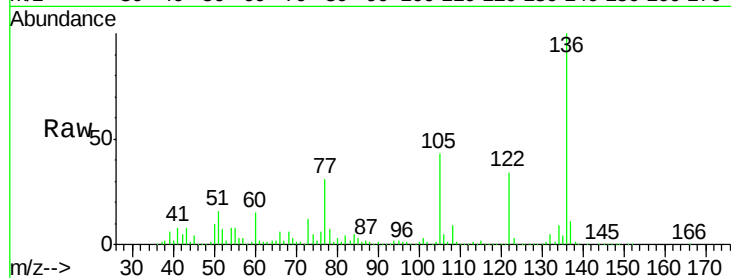




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

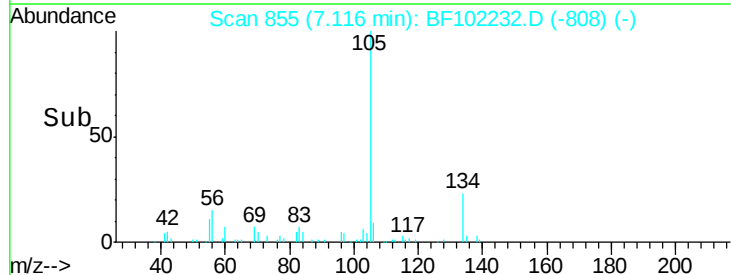
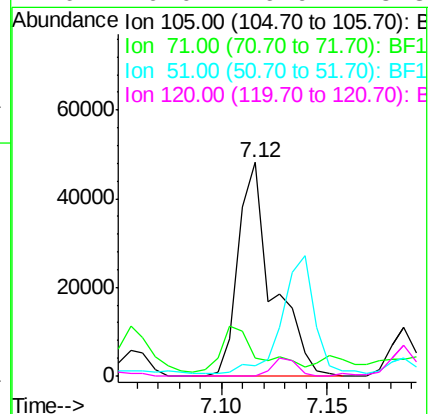
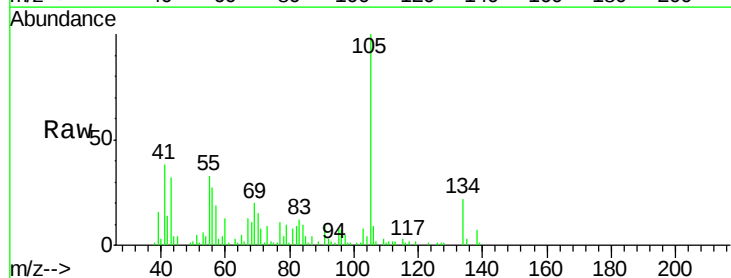
Instrument :
BNA_F
ClientSampleId :
4473-4476

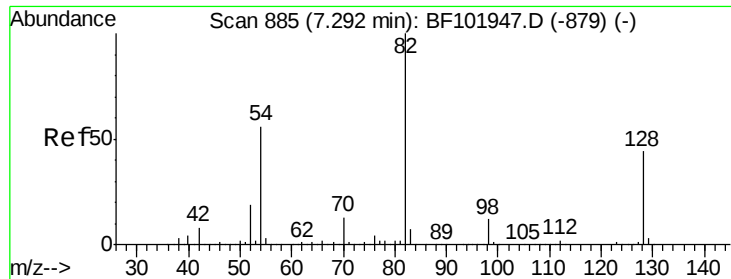
Tot Ion:136	Resp:	505427
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.5	6.6 9.8
68	6.1	5.0 7.4



#22
Acetophenone
Concen: 4.439 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:105	Resp:	54060
Ion	Ratio	Lower Upper
105	100	
71	8.3	4.4 6.6#
51	4.8	22.3 33.5#
120	0.0	16.9 25.3#

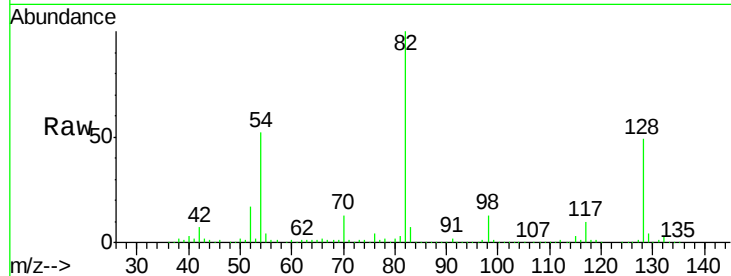




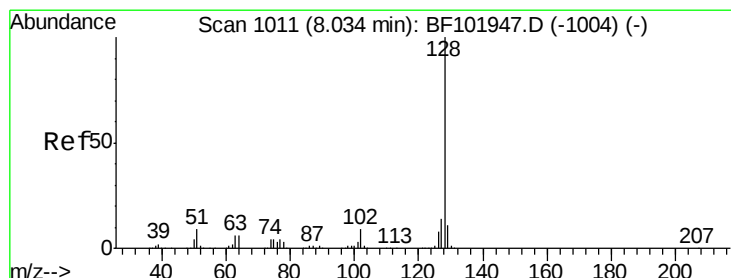
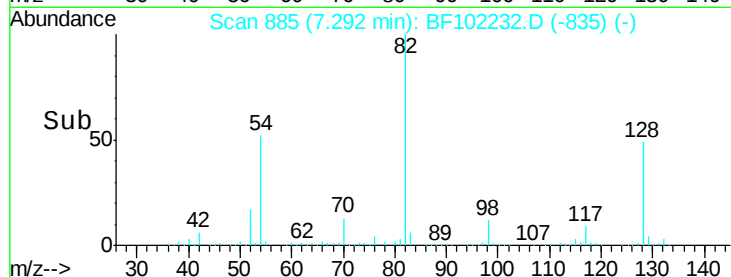
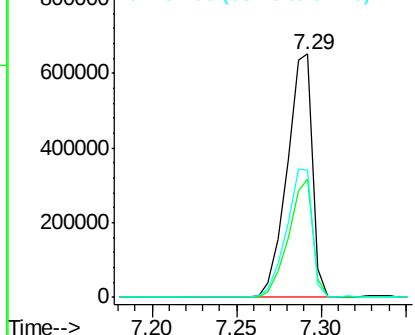
#23
Nitrobenzene-d5
Concen: 79.315 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :
4473-4476

Tot Ion: 82 Resp: 682184
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 52.0 41.4 62.2

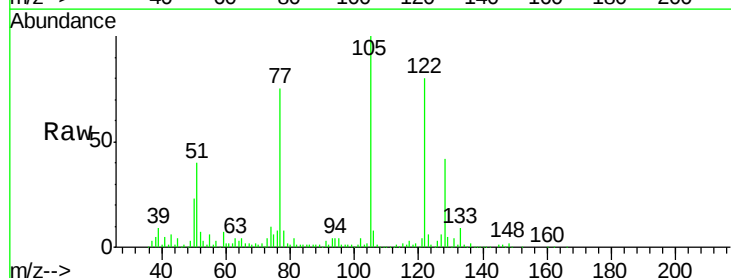


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

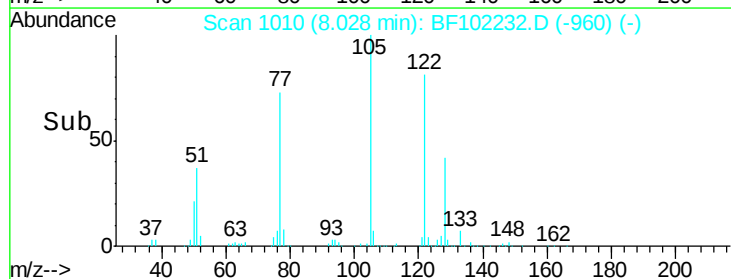
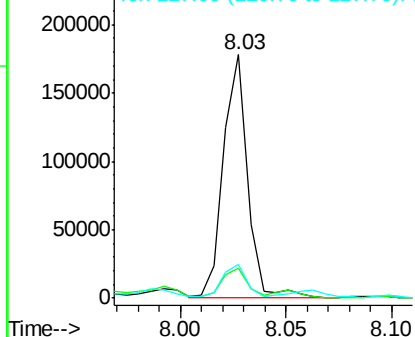


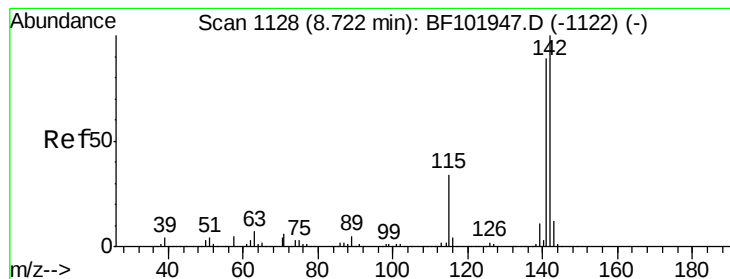
#31
Naphthalene
Concen: 5.590 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion: 128 Resp: 141168
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 12.894 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

4473-4476

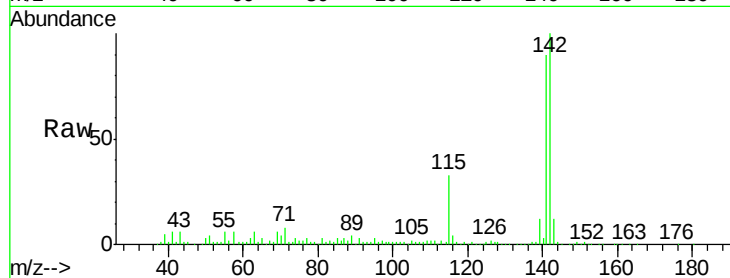
Tot Ion:142 Resp: 214376

Ion Ratio Lower Upper

142 100

141 89.7 70.8 106.2

115 32.9 26.1 39.1

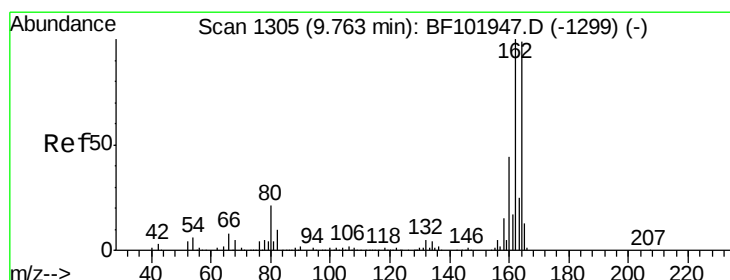
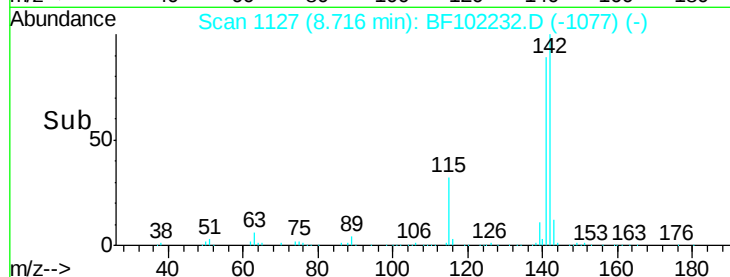


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time--> 8.65 8.70 8.75



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

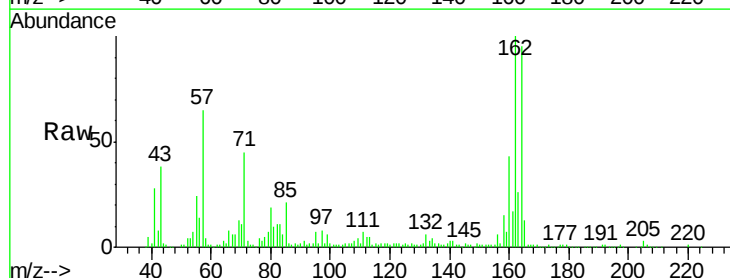
Tgt Ion:164 Resp: 218540

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

160 44.8 38.3 57.5

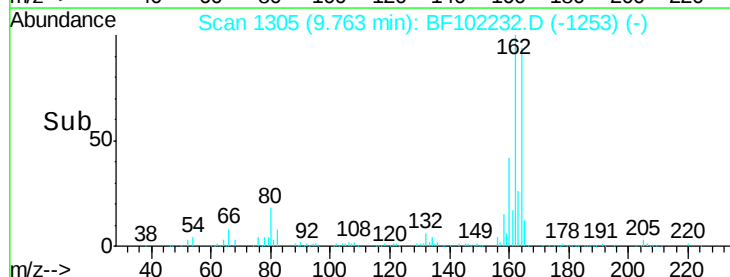


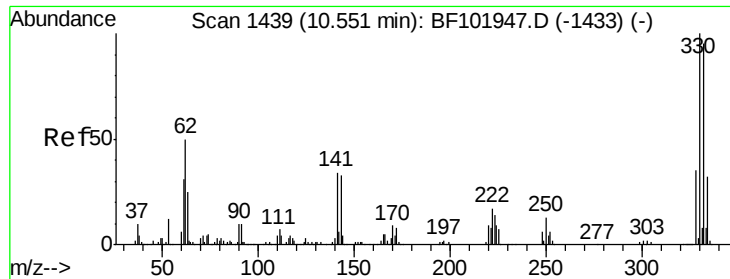
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 9.70 9.75 9.80

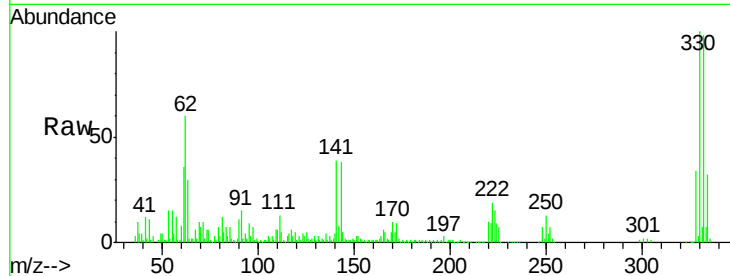




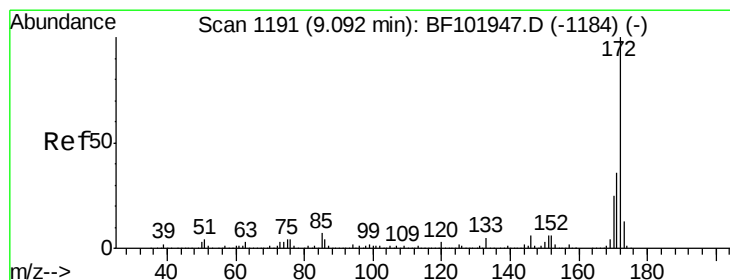
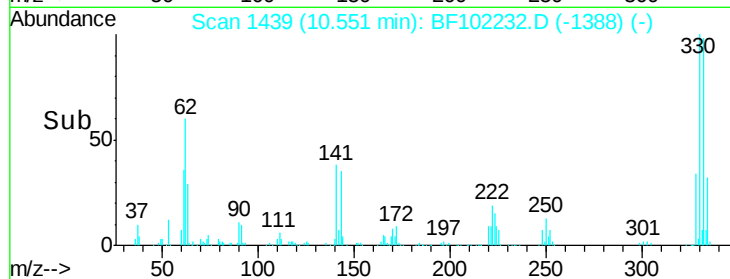
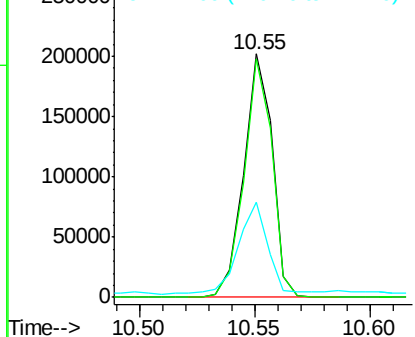
#41
 2,4,6-Tribromophenol
 Concen: 91.621 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 4473-4476

Tot Ion:330 Resp: 174737
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.9 29.9 44.9

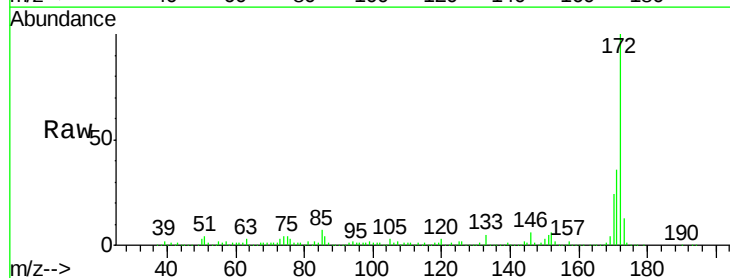


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

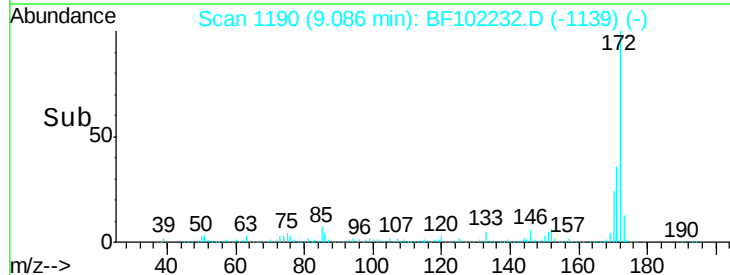
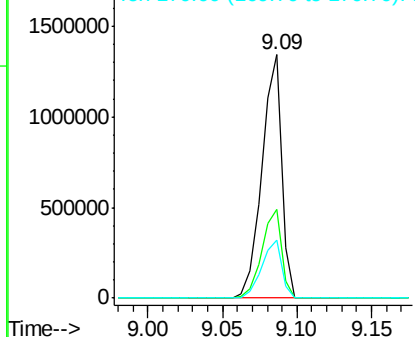


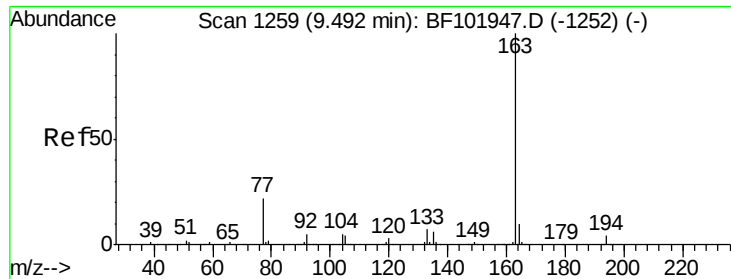
#44
 2-Fluorobiphenyl
 Concen: 86.401 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Tgt Ion:172 Resp: 1208626
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.0 19.6 29.4



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

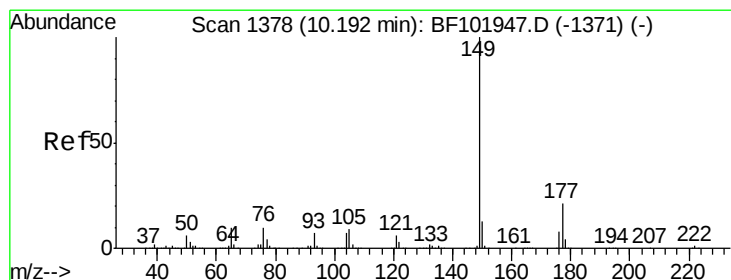
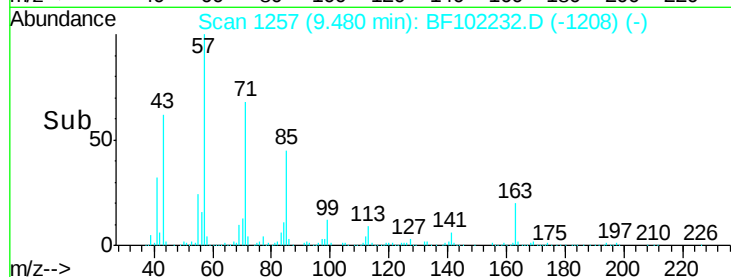
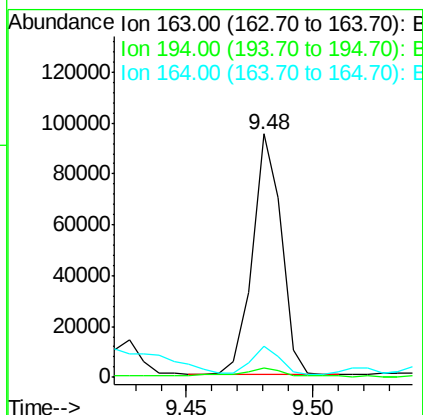
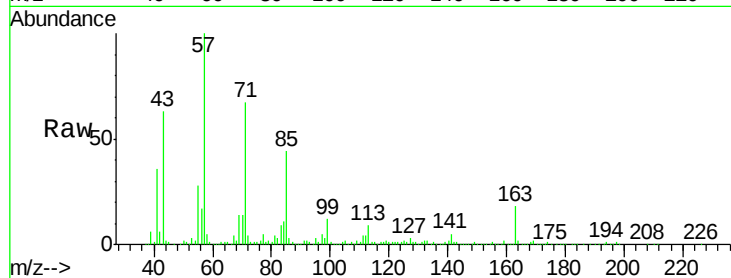




#49
Dimethylphthalate
Concen: 4.306 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

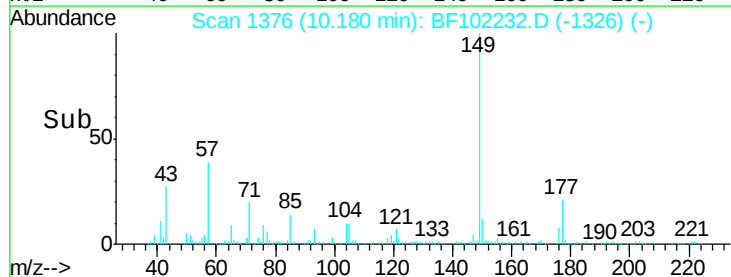
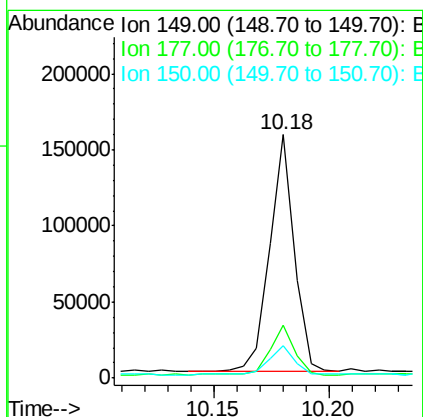
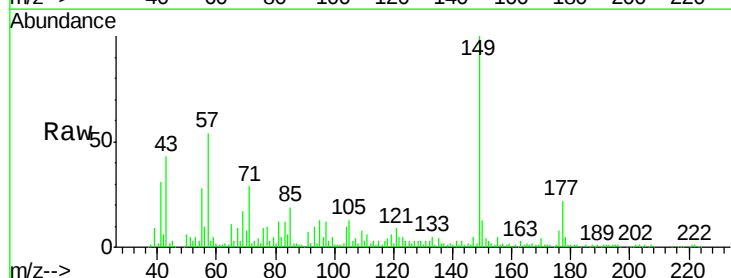
Instrument :
BNA_F
ClientSampleId :
4473-4476

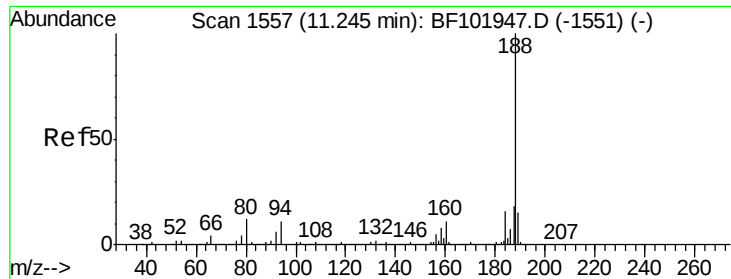
Tot Ion:163 Resp: 75488
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 12.7 8.2 12.2#



#59
Diethylphthalate
Concen: 6.628 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:149 Resp: 115593
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.2 10.1 15.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

4473-4476

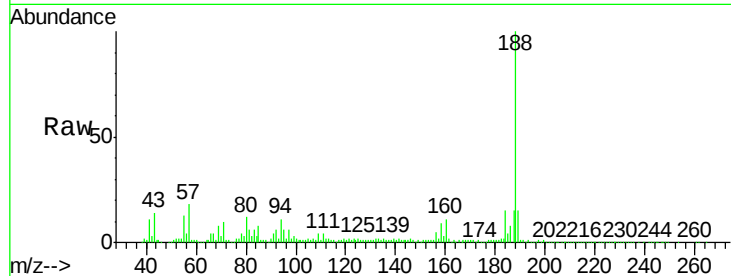
Tot Ion:188 Resp: 323538

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

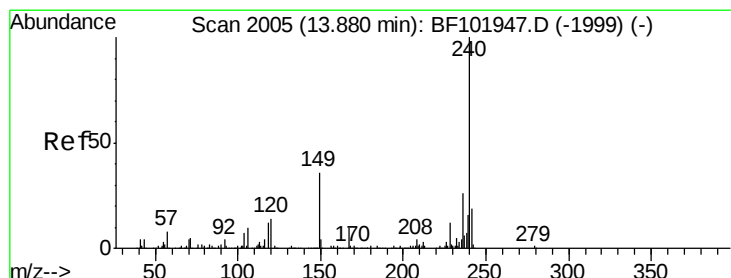
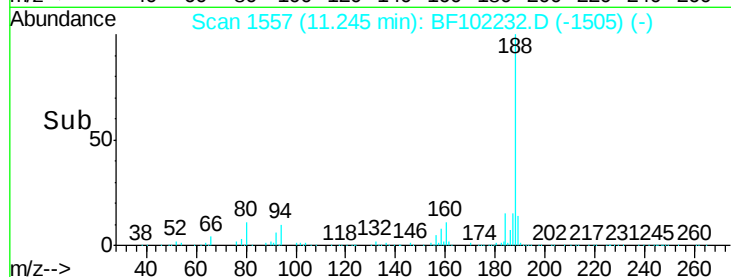
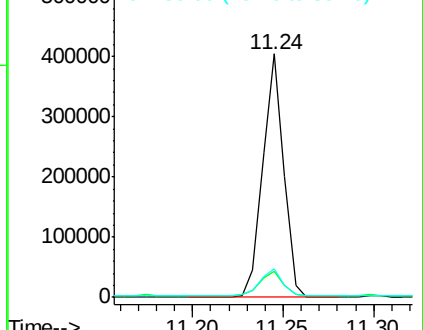
80 11.6 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

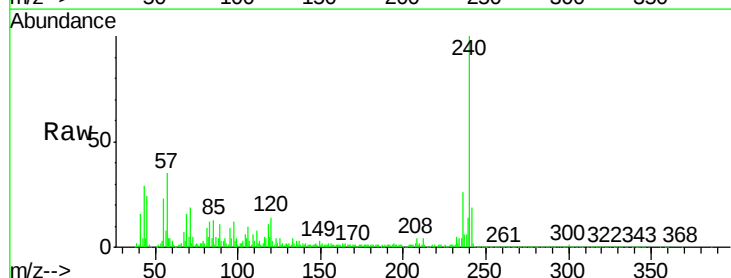
Tgt Ion:240 Resp: 233031

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

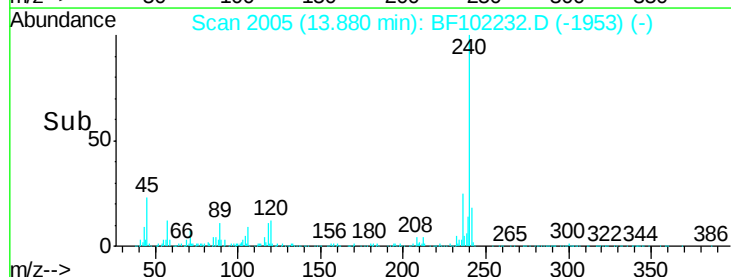
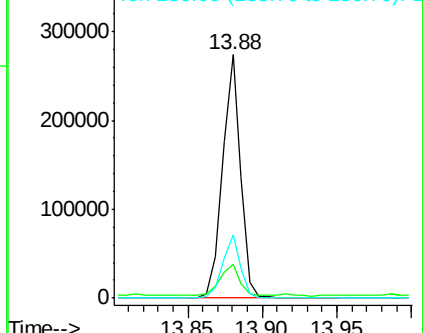
236 25.7 20.7 31.1

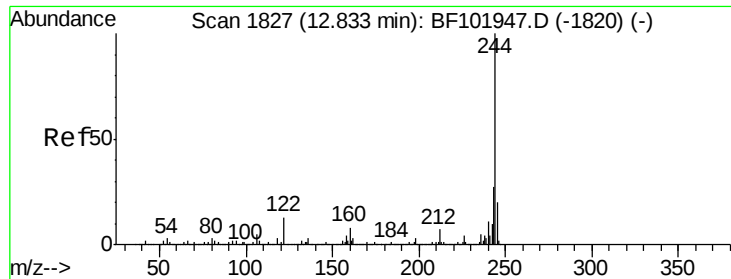


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.328 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

4473-4476

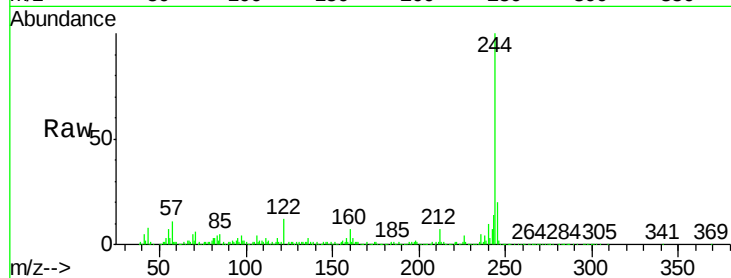
Tot Ion:244 Resp: 721991

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

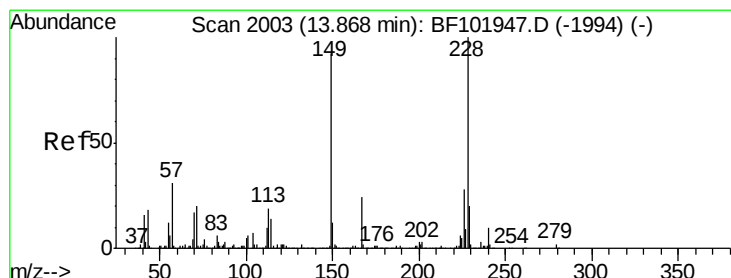
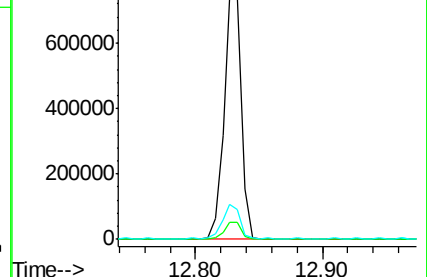
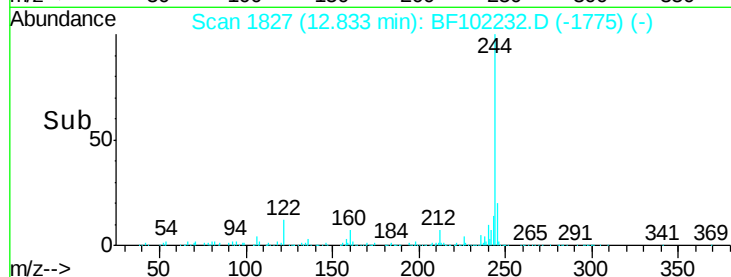
122 12.3 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.097 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

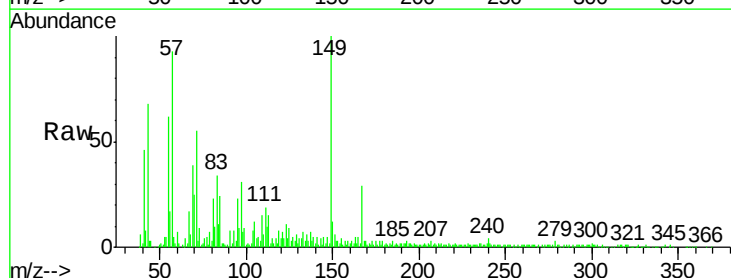
Tgt Ion:149 Resp: 87808

Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

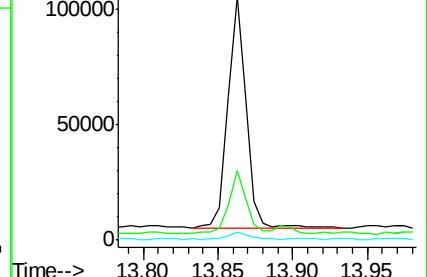
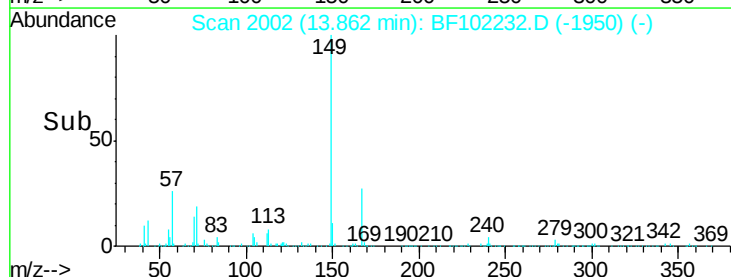
279 3.4 3.0 4.4

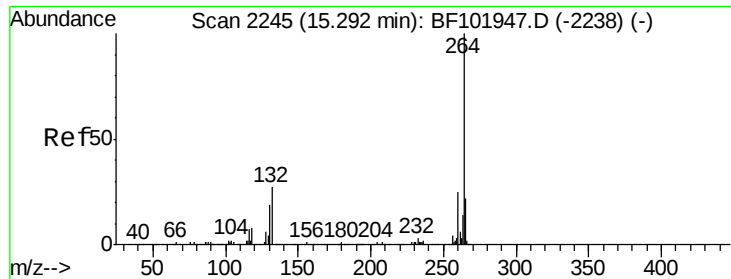


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :
4473-4476

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

