

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102455.D
 Acq On : 26 Jan 2018 5:32
 Operator : SJ/JU
 Sample : J1289-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 07:09:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

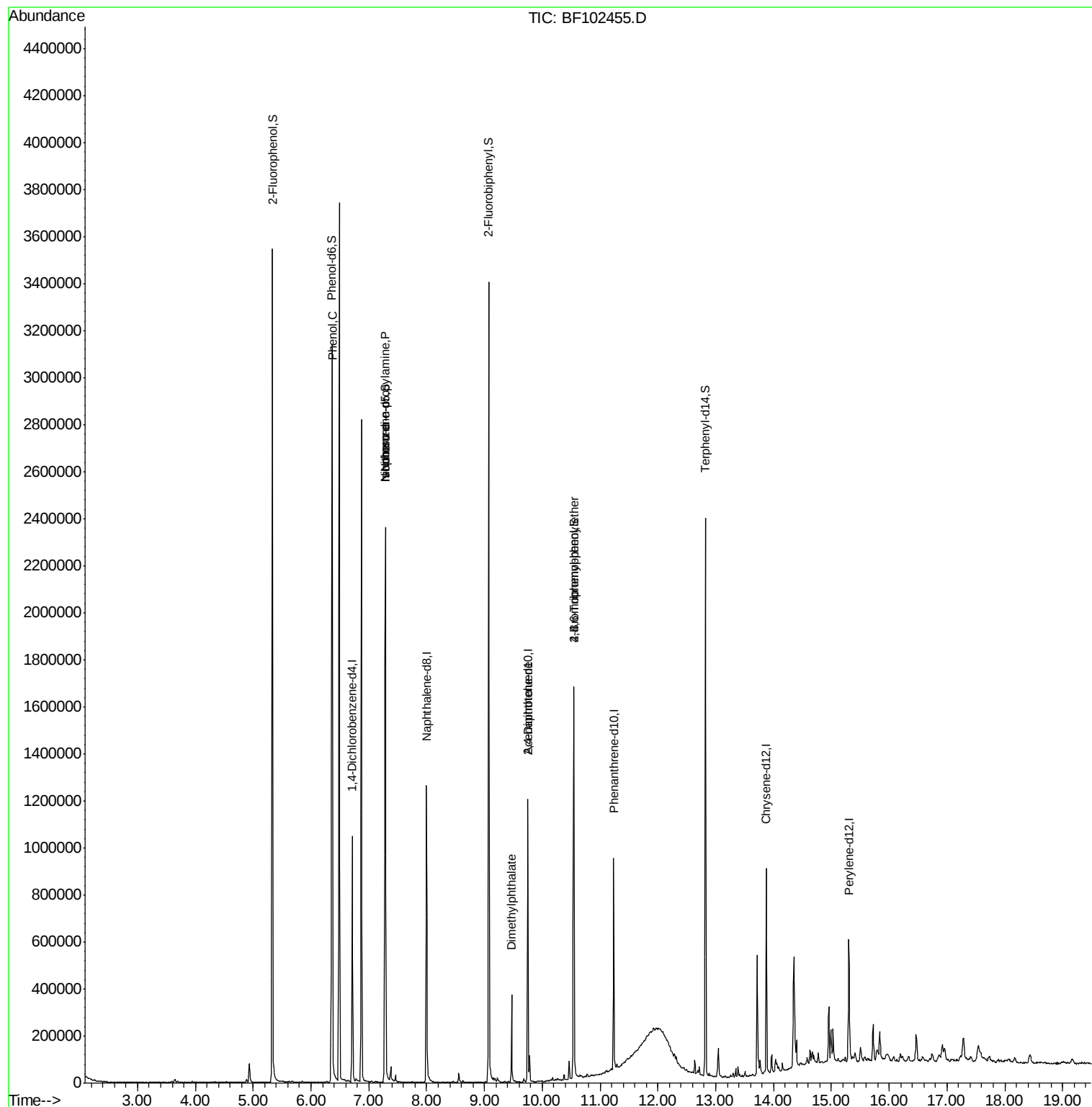
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144604	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	568733	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224210	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334438	20.00	ng	0.00
75) Chrysene-d12	13.87	240	288431	20.00	ng	0.00
86) Perylene-d12	15.30	264	228021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1135413	119.05	ng	0.01
7) Phenol-d6	6.36	99	1353239	117.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	791969	80.02	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	198099	89.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1081033	70.89	ng	0.00
78) Terphenyl-d14	12.82	244	786988	61.51	ng	0.00
Target Compounds						
10) Phenol	6.37	94	59272	4.722	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	103780	14.749	ng	# 78
25) Isophorone	7.29	82	791963	44.887	ng	# 64
49) Dimethylphthalate	9.47	163	149461	8.065	ng	100
56) 2,4-Dinitrotoluene	9.75	165	28327	5.765	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	12845	3.568	ng	# 1

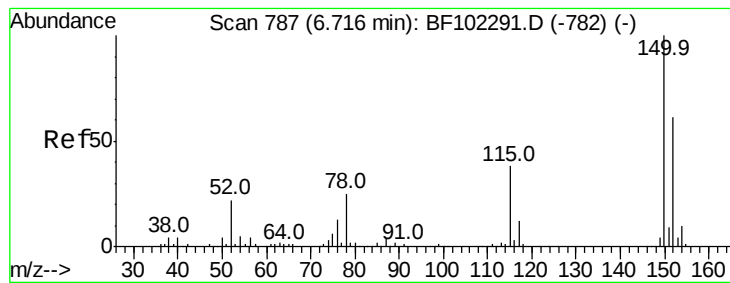
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102455.D
Acq On : 26 Jan 2018 5:32
Operator : SJ/JU
Sample : J1289-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 26 07:09:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration



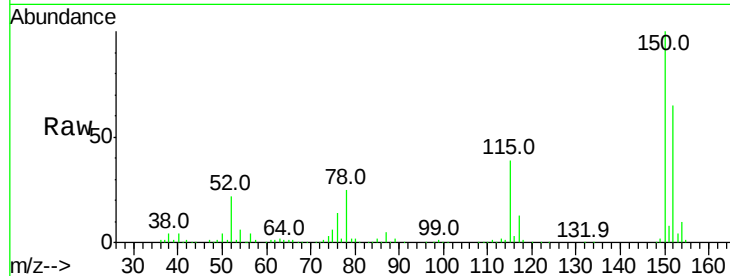


#1

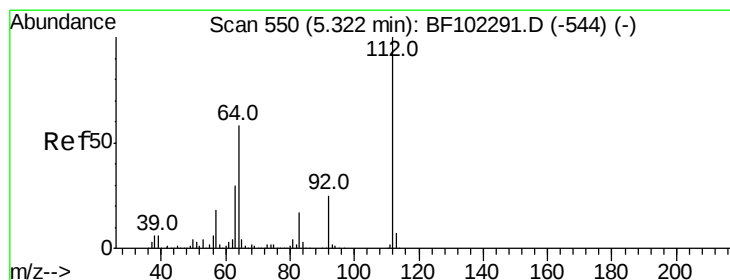
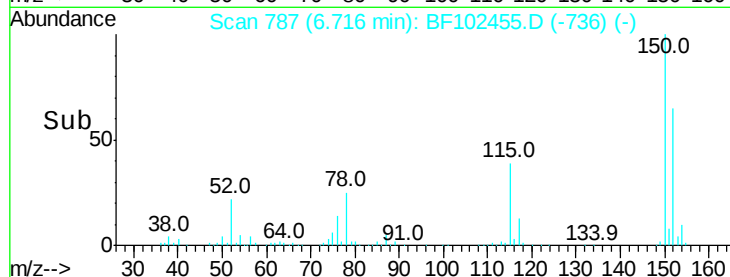
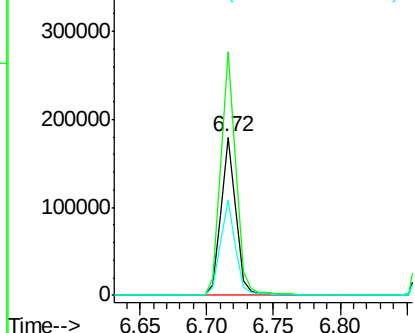
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144604
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.2 50.1 75.1



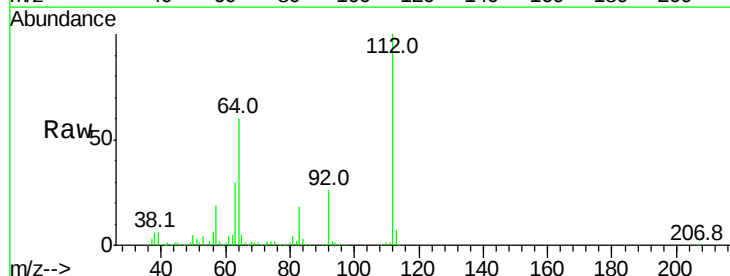
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



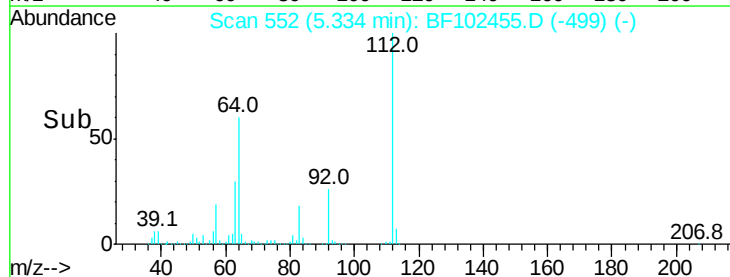
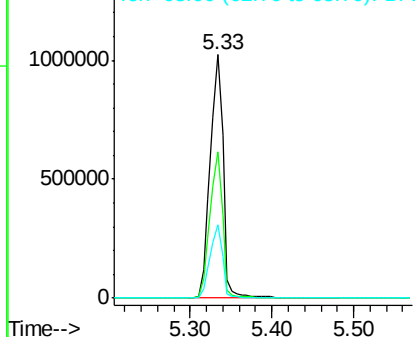
#5

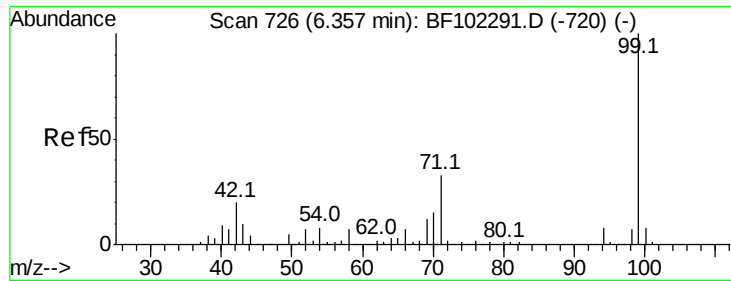
2-Fluorophenol
Concen: 119.055 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Tgt Ion:112 Resp: 1135413
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 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: 117.698 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampled :

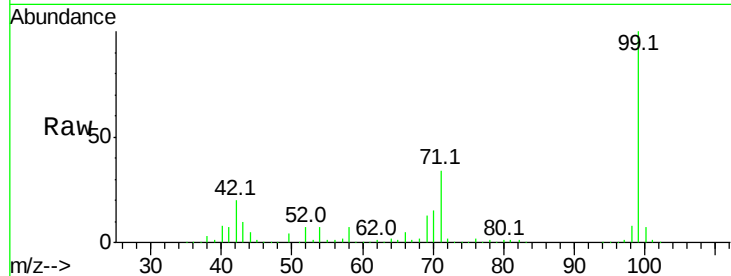
Tot Ion: 99 Resp: 1353239

Ion Ratio Lower Upper

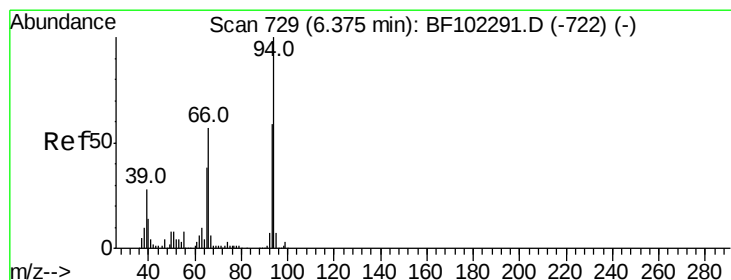
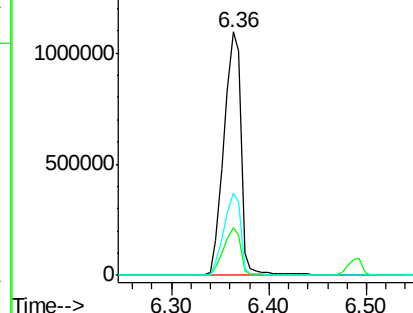
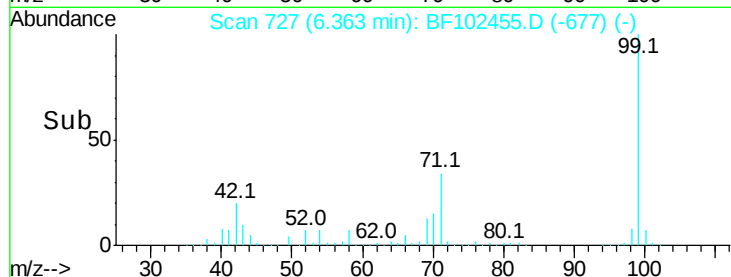
99 100

42 19.7 14.5 21.7

71 34.0 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: 4.722 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

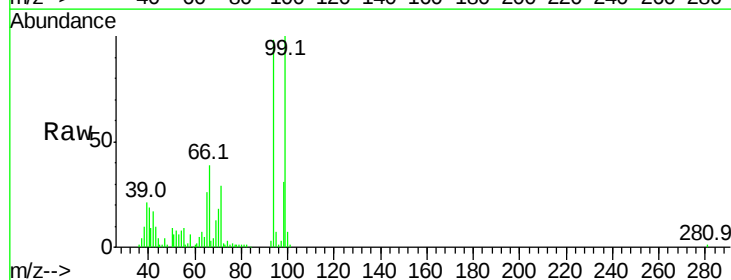
Tgt Ion: 94 Resp: 59272

Ion Ratio Lower Upper

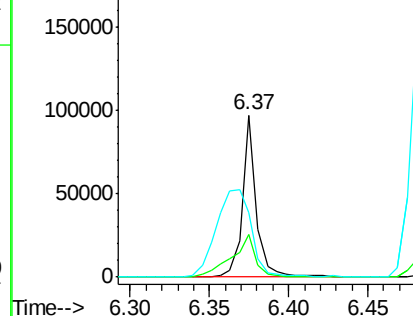
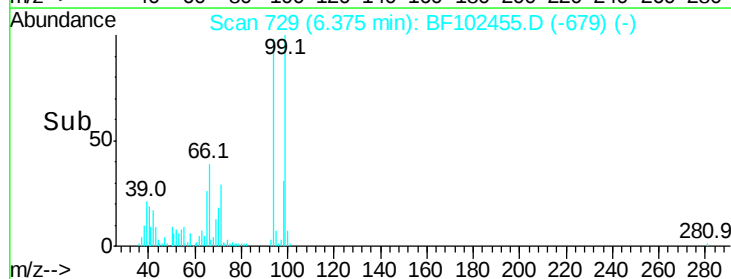
94 100

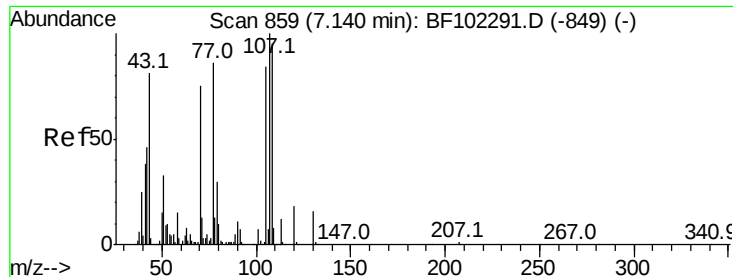
65 26.3 7.9 47.9

66 39.6 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

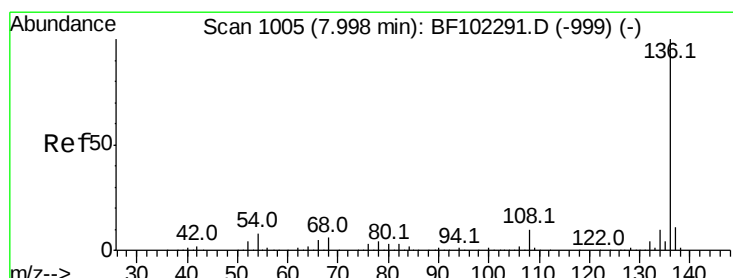
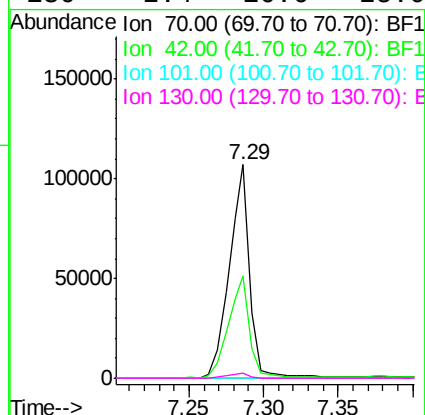
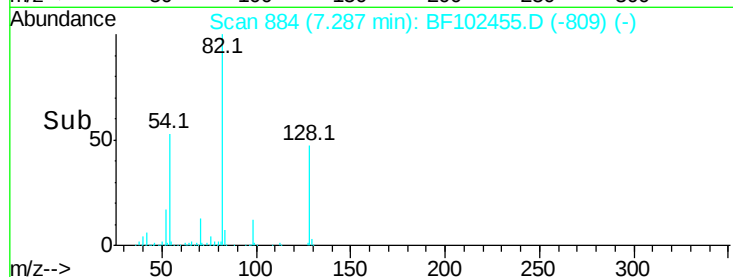
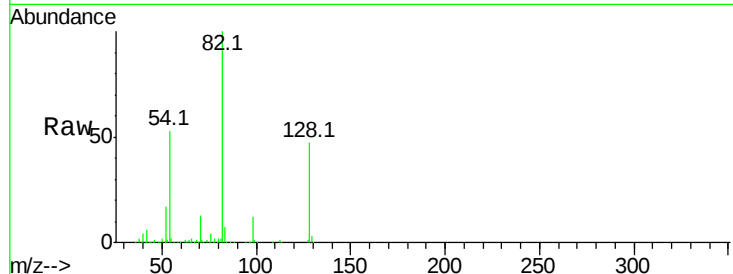




#19
n-Nitroso-di-n-propylamine
Concen: 14.749 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

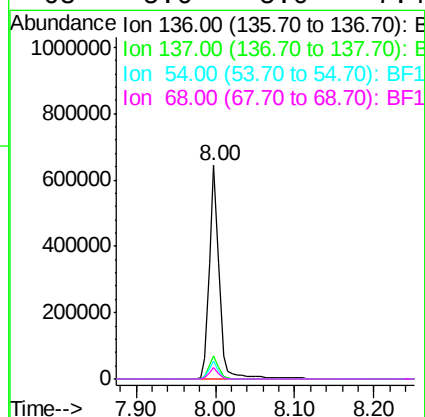
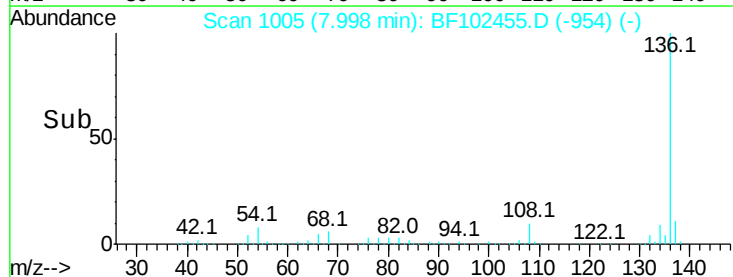
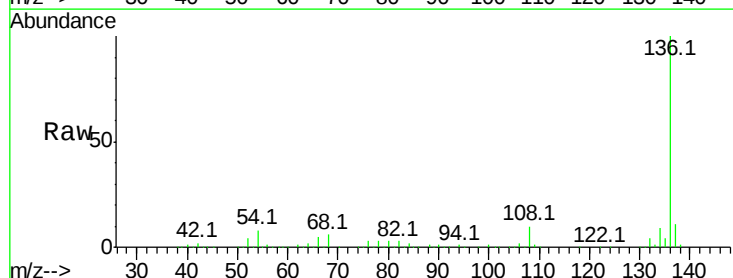
Instrument :
BNA_F
ClientSampleId :

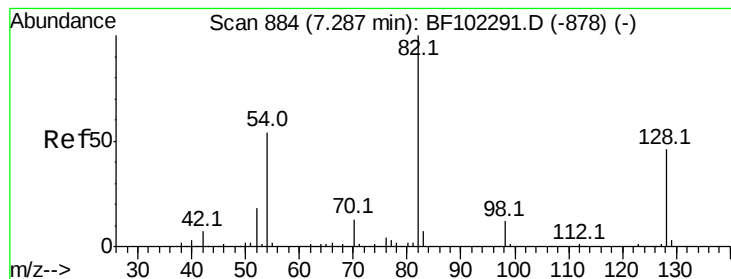
Tot Ion: 70 Resp: 103780
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Tgt Ion:136 Resp: 568733
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.023 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampled :

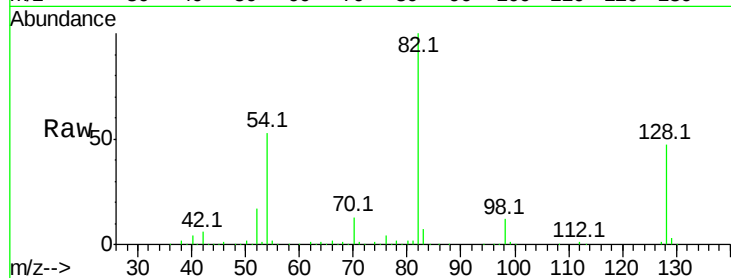
Tot Ion: 82 Resp: 791969

Ion Ratio Lower Upper

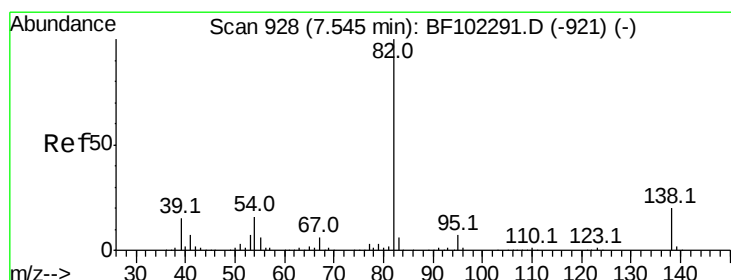
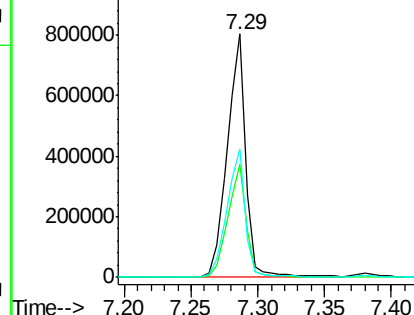
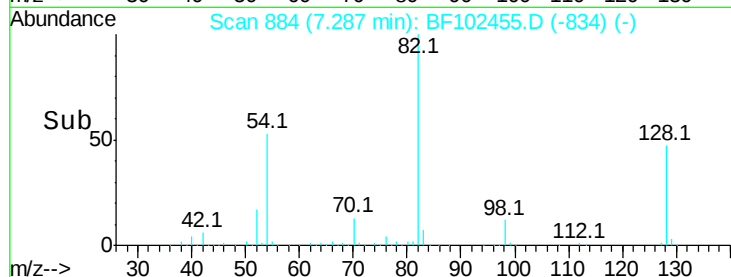
82 100

128 46.7 36.1 54.1

54 53.0 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



#25

Isophorone

Concen: 44.887 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

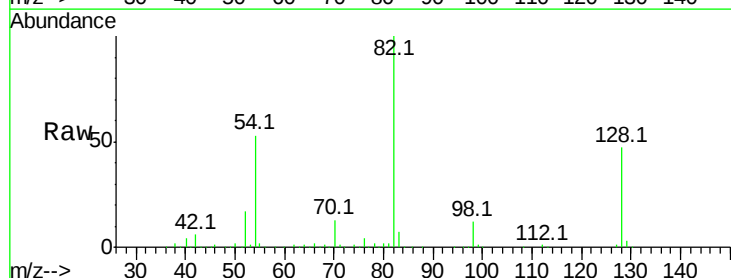
Tgt Ion: 82 Resp: 791963

Ion Ratio Lower Upper

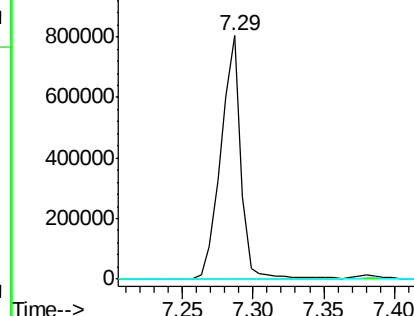
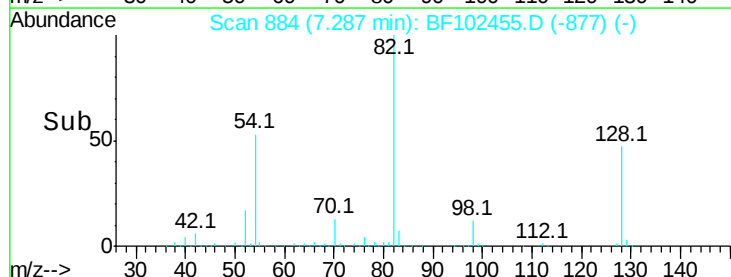
82 100

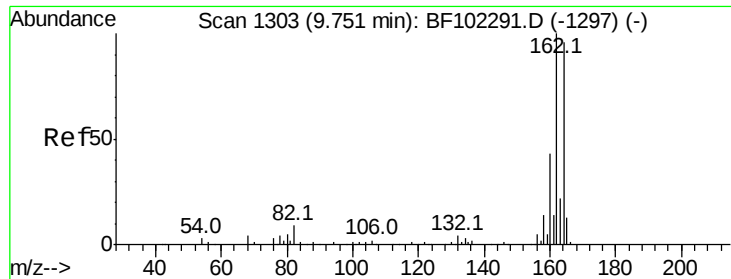
95 0.0 5.2 7.8#

138 0.0 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampleId :

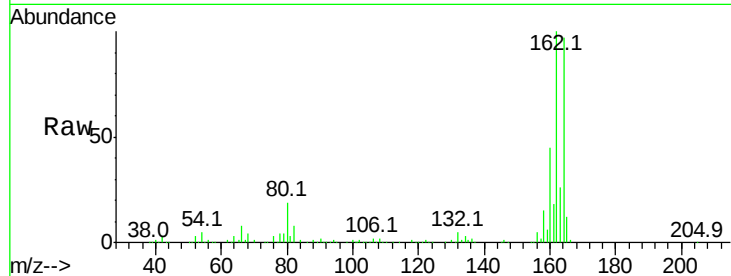
Tot Ion:164 Resp: 224210

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

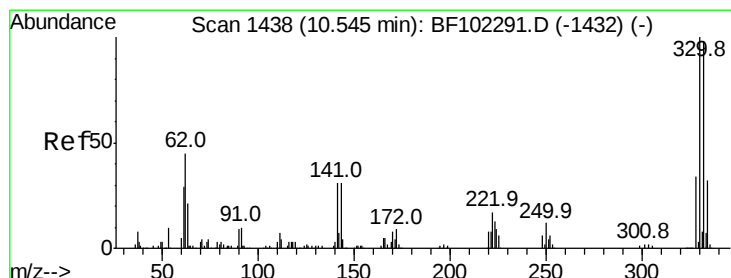
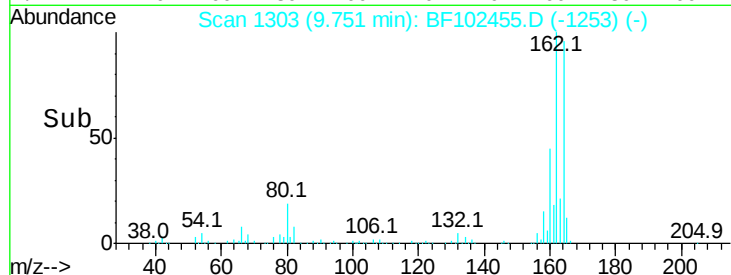
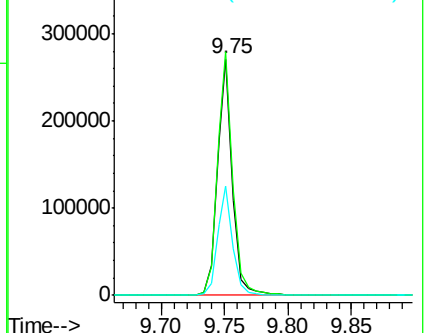
160 46.5 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 89.170 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

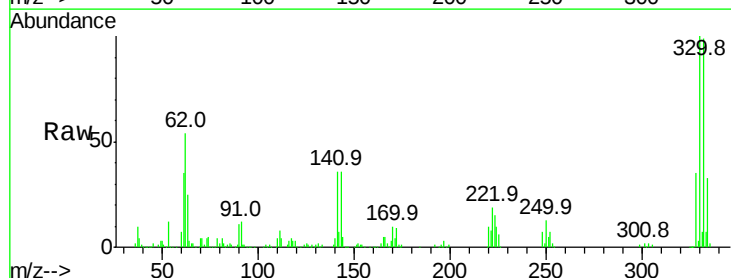
Tgt Ion:330 Resp: 198099

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

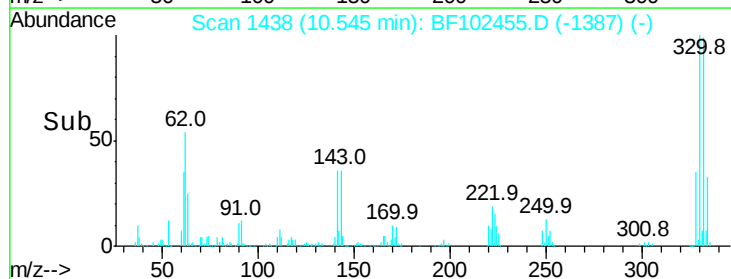
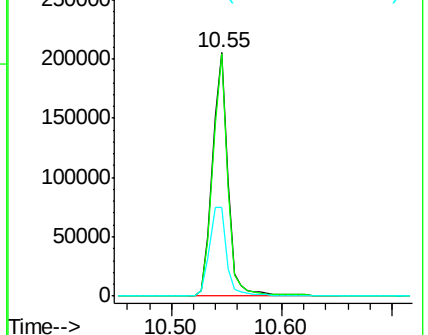
141 40.3 29.9 44.9

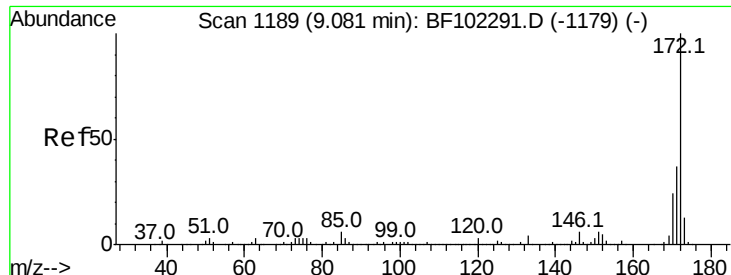


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



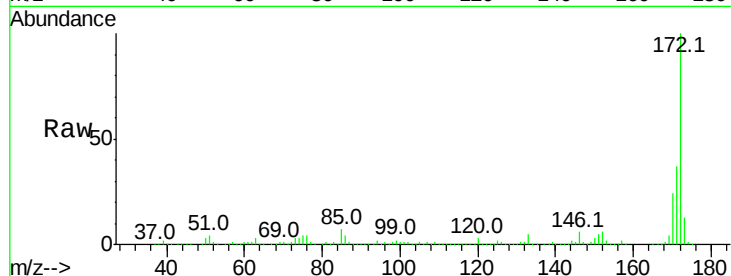


#44
 2-Fluorobiphenyl
 Concen: 70.893 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

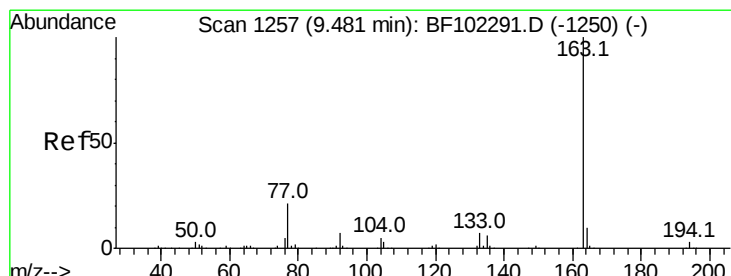
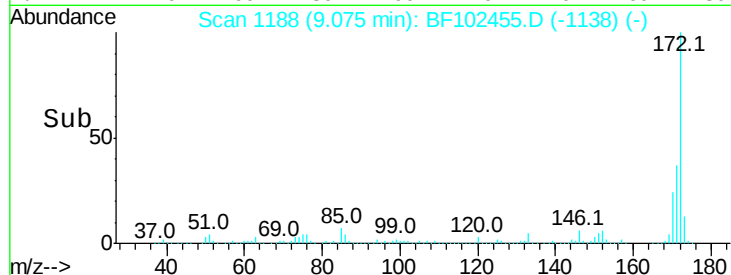
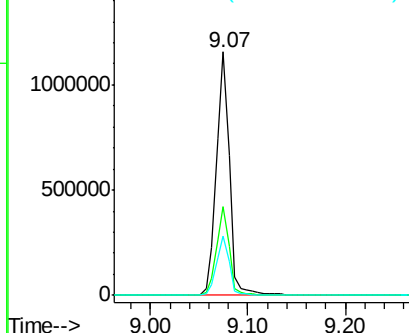
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1081033

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



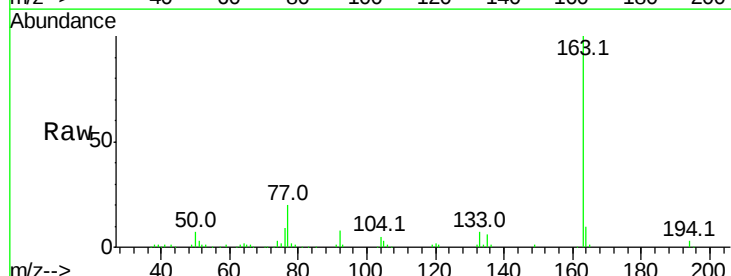
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



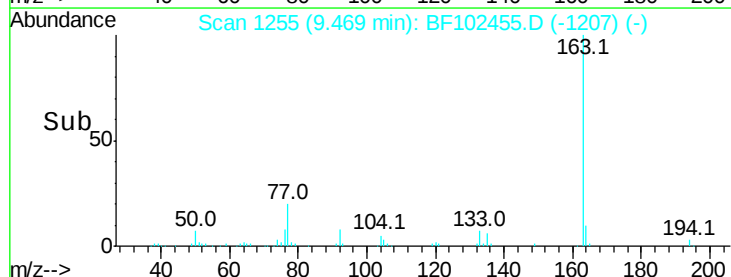
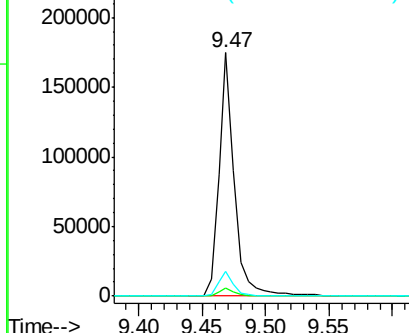
#49
 Dimethylphthalate
 Concen: 8.065 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

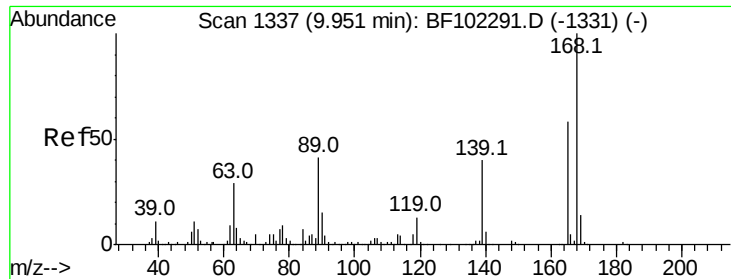
Tgt Ion:163 Resp: 149461

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



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

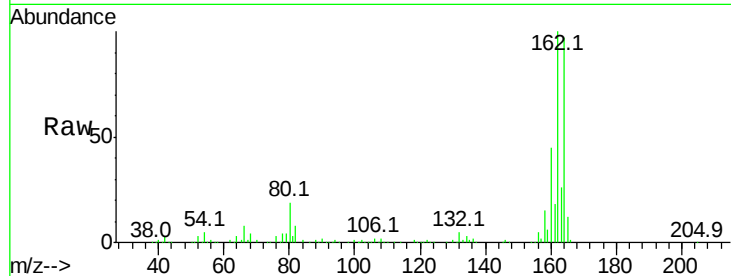




#56
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

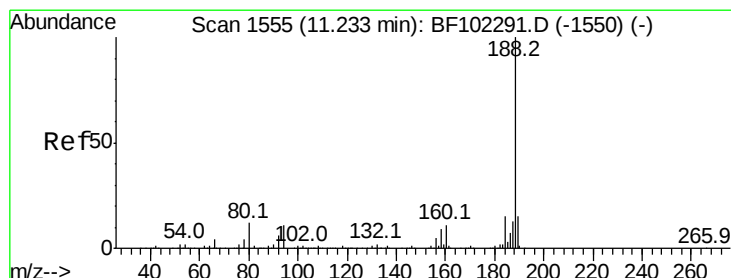
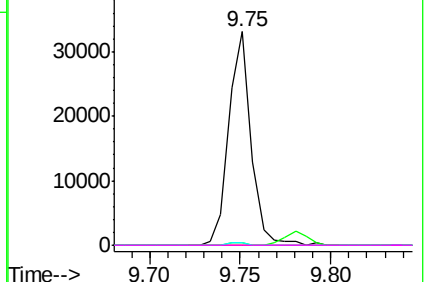
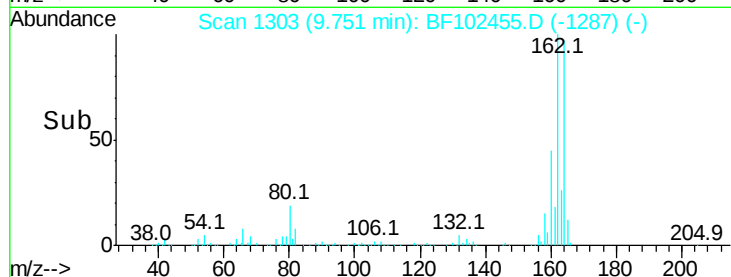


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

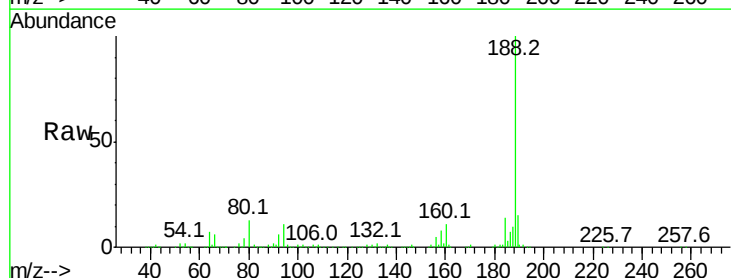
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102455.D
Acq: 26 Jan 2018 5:32

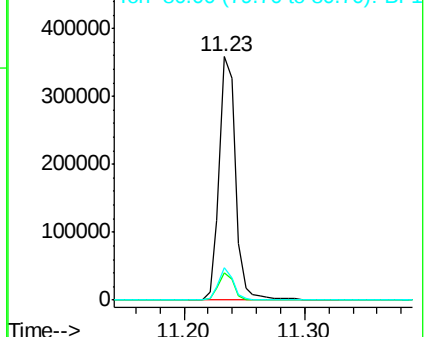
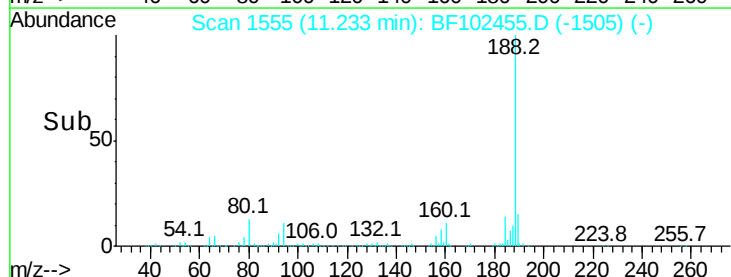
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	13.1	9.2	13.8

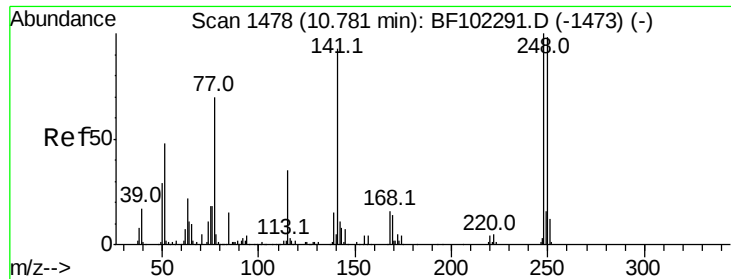


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

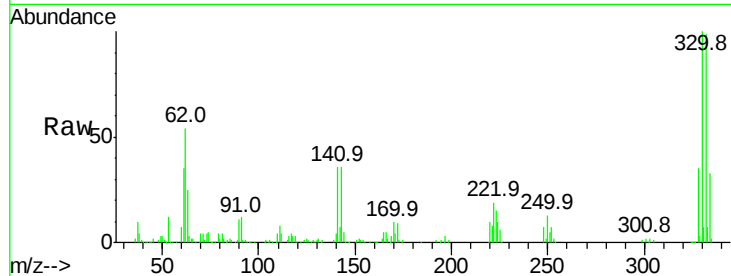




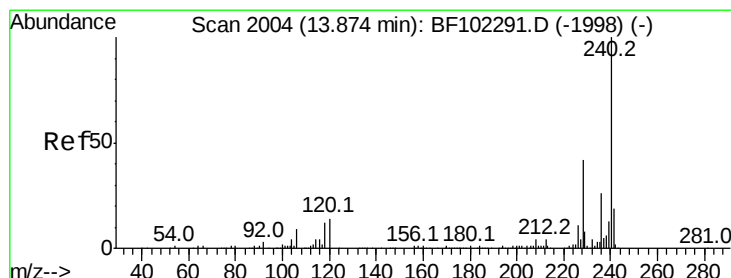
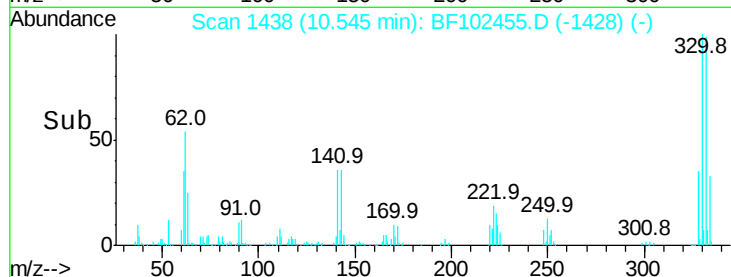
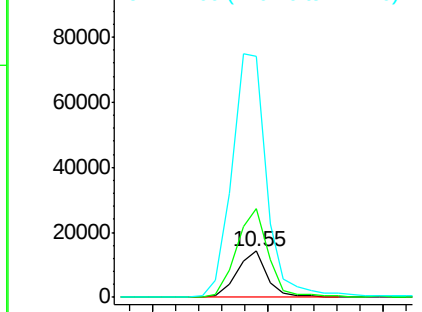
#66
 4-Bromophenyl-phenylether
 Concen: 3.568 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12845
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 523.9 74.4 111.6#

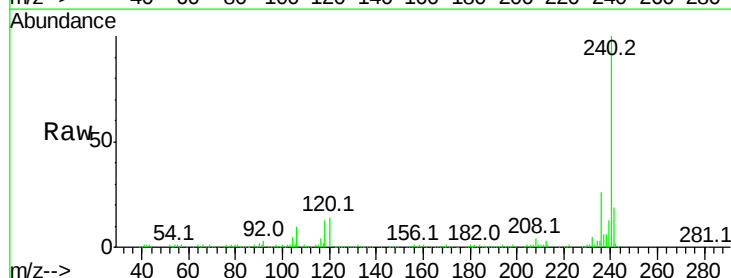


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

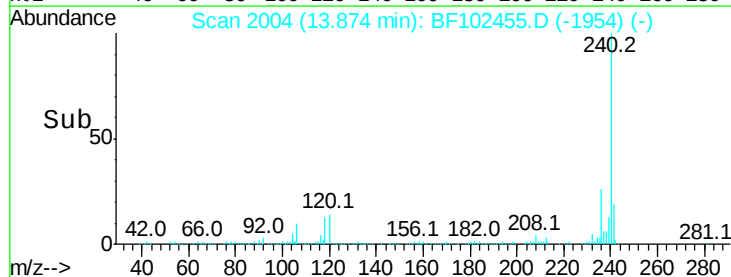
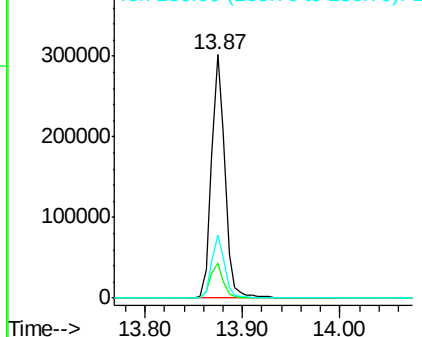


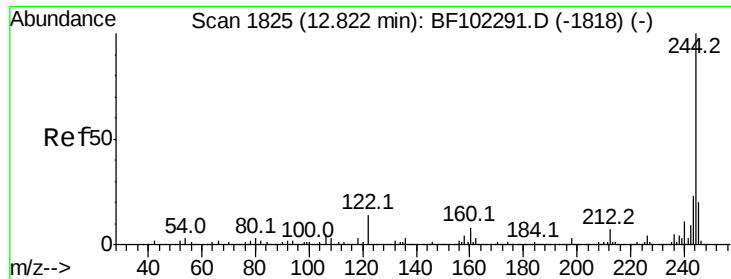
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102455.D
 Acq: 26 Jan 2018 5:32

Tgt Ion:240 Resp: 288431
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 26.1 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: 61.511 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

Instrument :

BNA_F

ClientSampled :

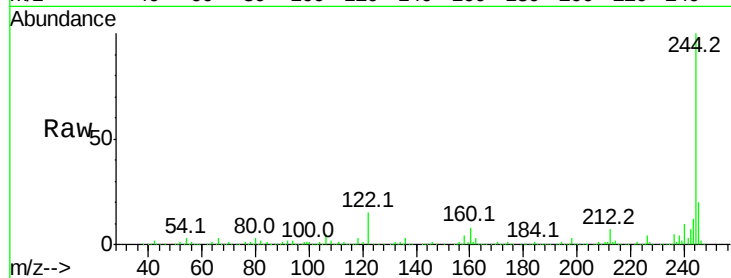
Tot Ion:244 Resp: 786988

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

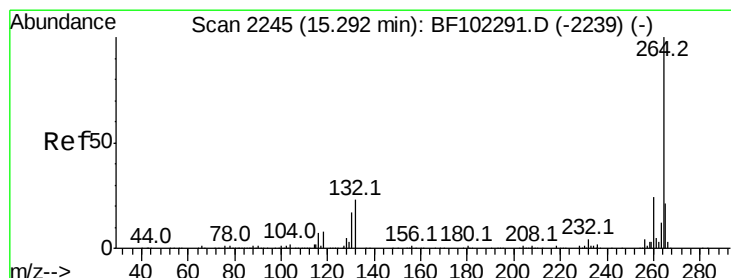
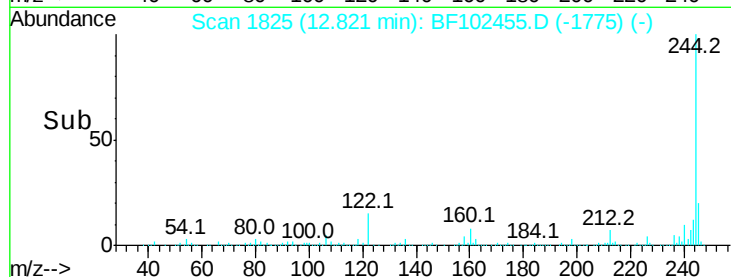
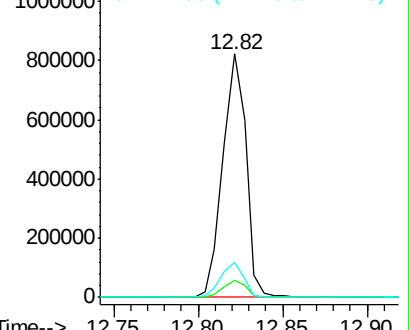
122 14.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102455.D

Acq: 26 Jan 2018 5:32

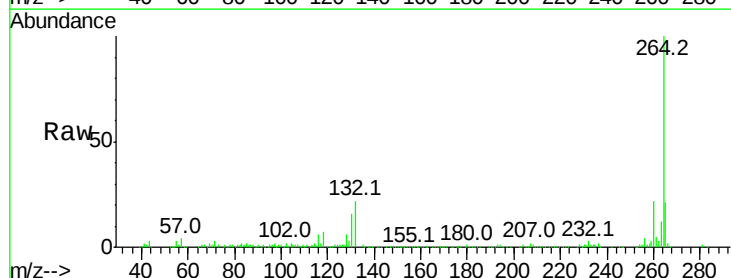
Tgt Ion:264 Resp: 228021

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 20.6 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

