

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102480.D
 Acq On : 26 Jan 2018 20:29
 Operator : SJ/JU
 Sample : J1289-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 22:03:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

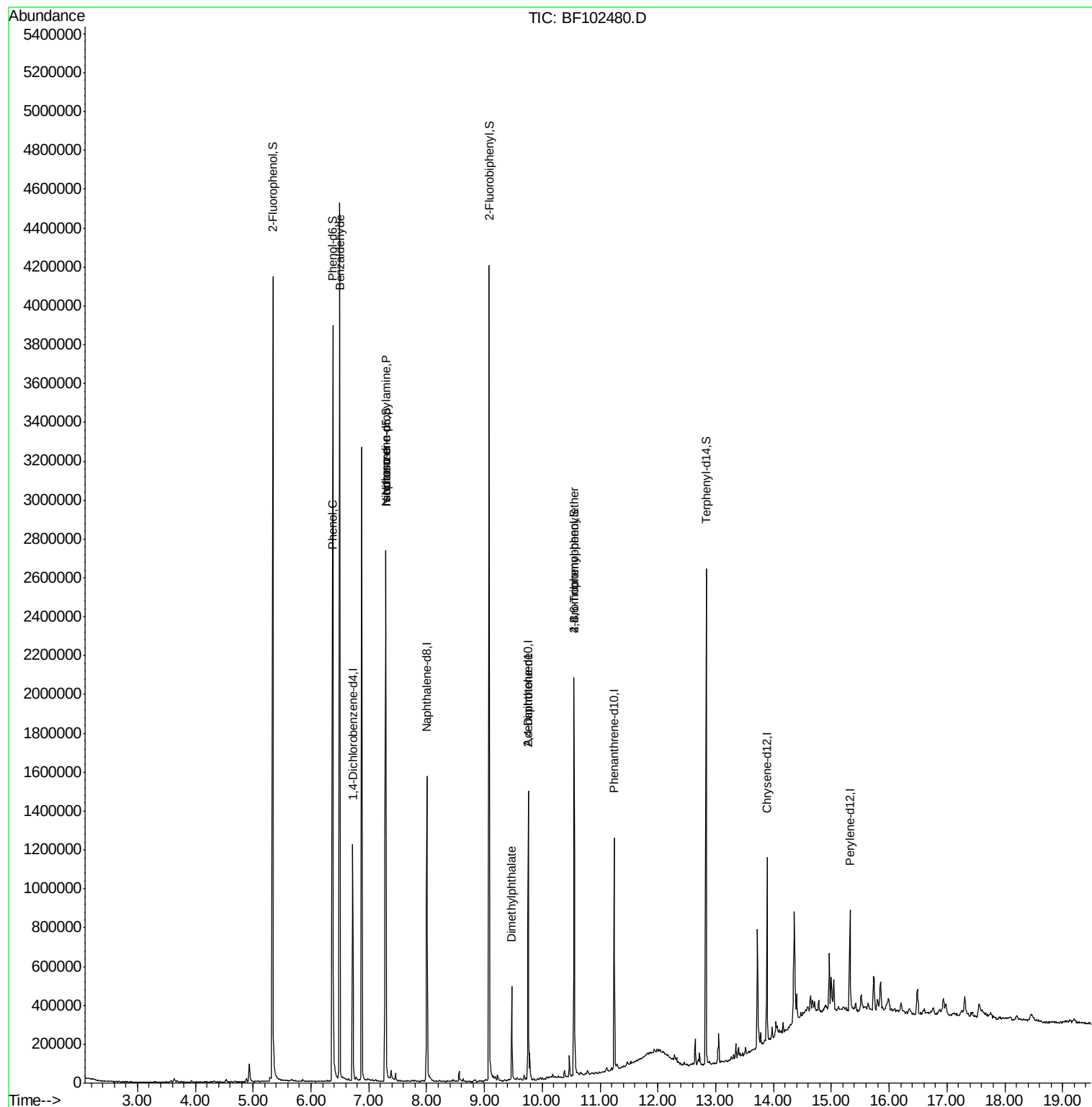
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169032	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	688840	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	278757	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	417790	20.00	ng	0.00
75) Chrysene-d12	13.89	240	321476	20.00	ng	0.00
86) Perylene-d12	15.32	264	226165	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1314150	117.88	ng	0.02
7) Phenol-d6	6.37	99	1625616	120.95	ng	0.01
23) Nitrobenzene-d5	7.29	82	929801	77.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	230571	83.48	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1297175	68.42	ng	0.00
78) Terphenyl-d14	12.83	244	915986	64.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	26841	2.876	ng	88
10) Phenol	6.39	94	70632	4.814	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	123492	15.015	ng	# 79
25) Isophorone	7.29	82	925742	43.321	ng	# 64
49) Dimethylphthalate	9.47	163	191700	8.320	ng	99
56) 2,4-Dinitrotoluene	9.76	165	34952	5.721	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	15254	3.392	ng	# 1

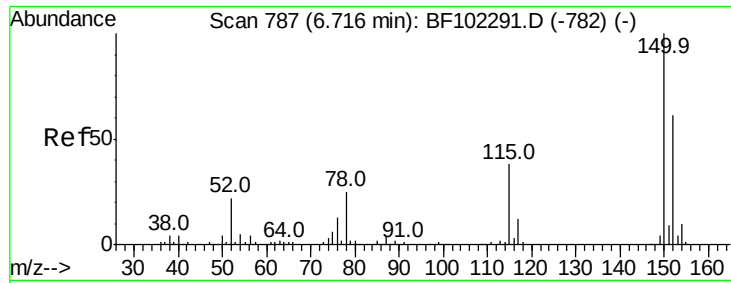
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102480.D
Acq On : 26 Jan 2018 20:29
Operator : SJ/JU
Sample : J1289-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 26 22:03:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration



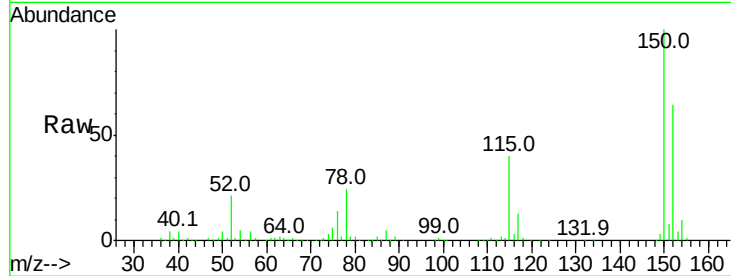


#1

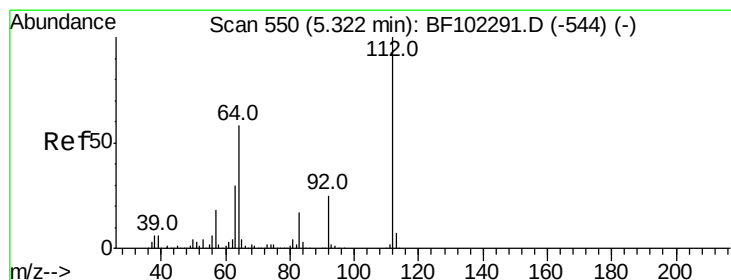
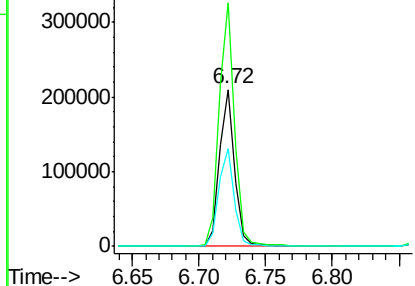
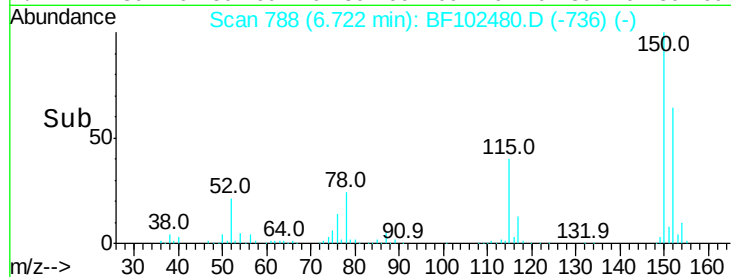
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 169032
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 62.2 50.1 75.1



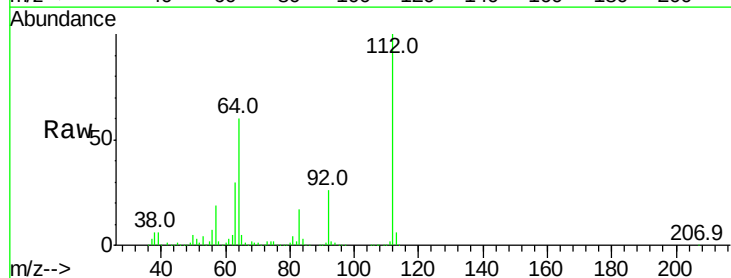
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



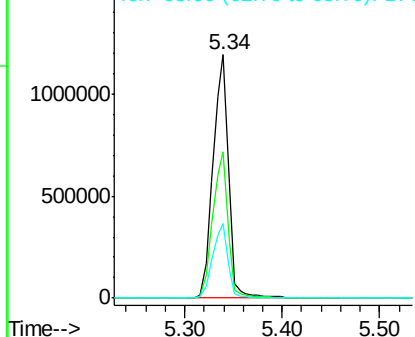
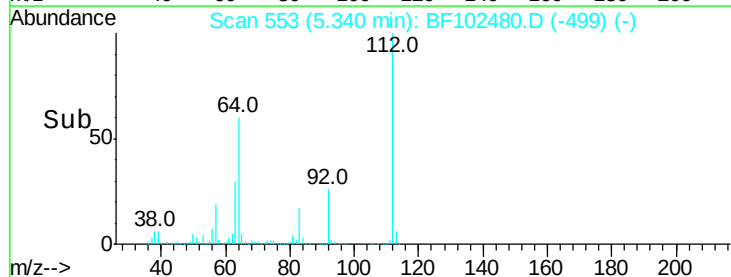
#5

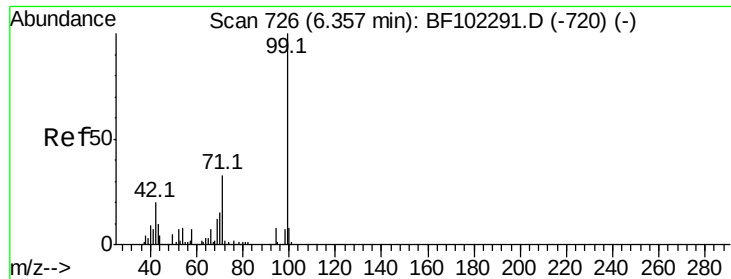
2-Fluorophenol
Concen: 117.883 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Tgt Ion:112 Resp: 1314150
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.4 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: 120.955 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

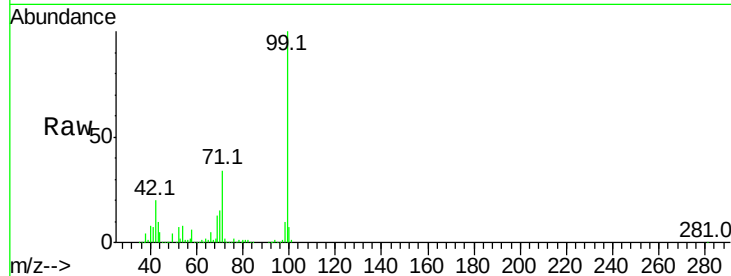
Tot Ion: 99 Resp: 1625616

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

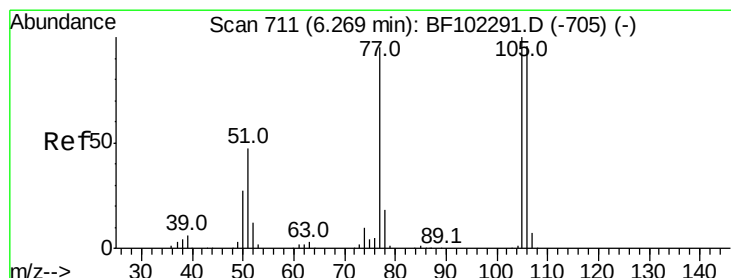
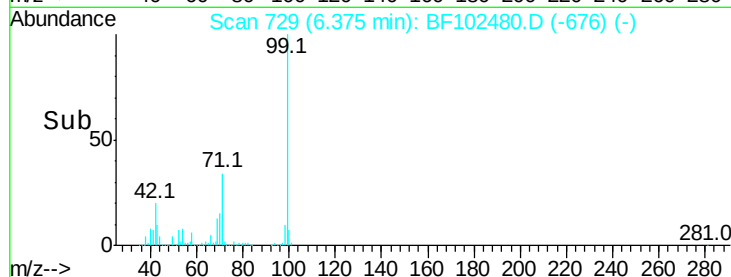
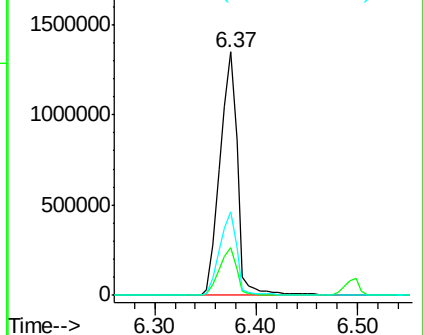
71 34.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.876 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.23 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

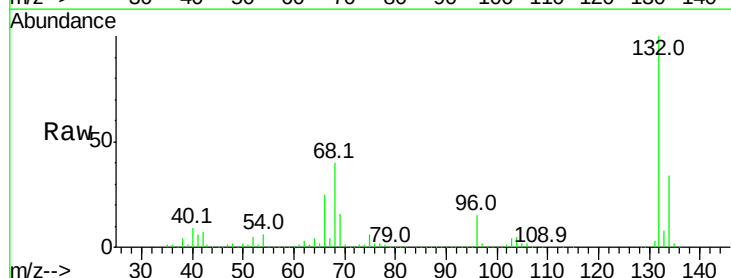
Tgt Ion: 77 Resp: 26841

Ion Ratio Lower Upper

77 100

105 86.4 81.1 121.1

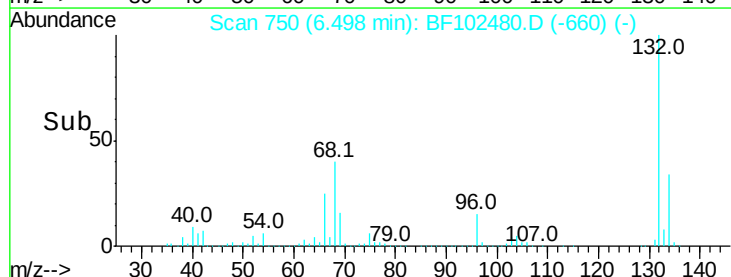
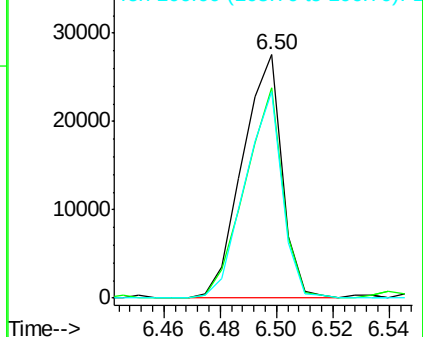
106 84.8 74.5 114.5

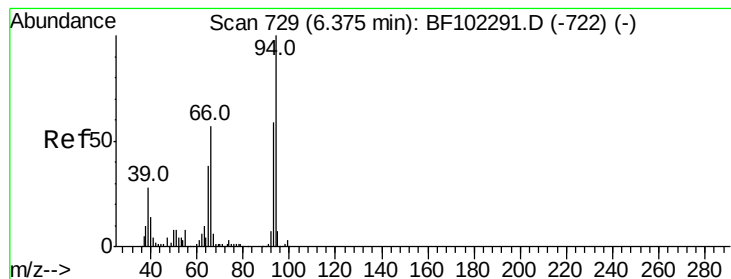


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.814 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

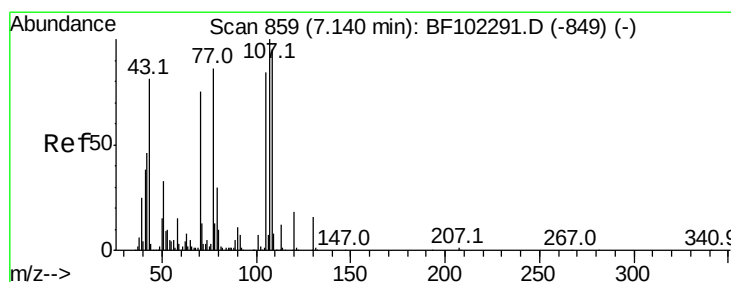
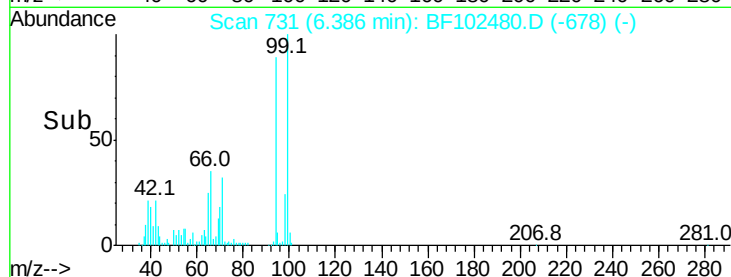
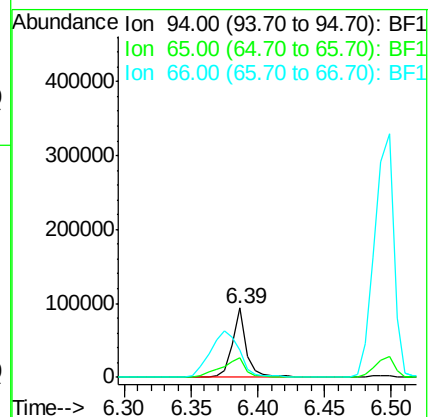
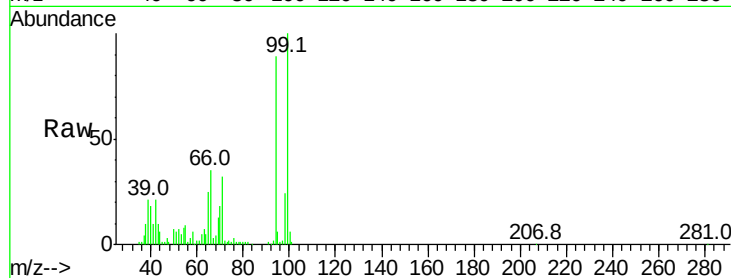
Tot Ion: 94 Resp: 70632

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 39.3 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.015 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Tgt Ion: 70 Resp: 123492

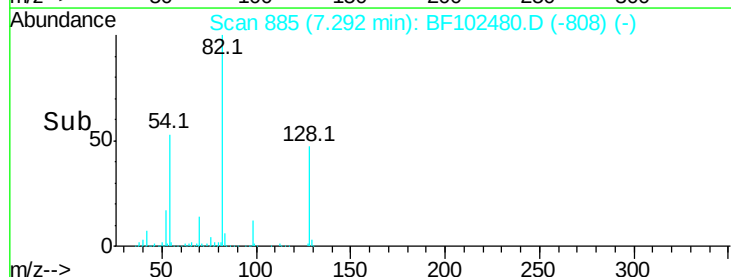
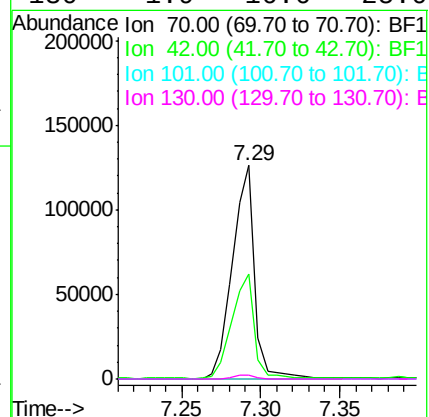
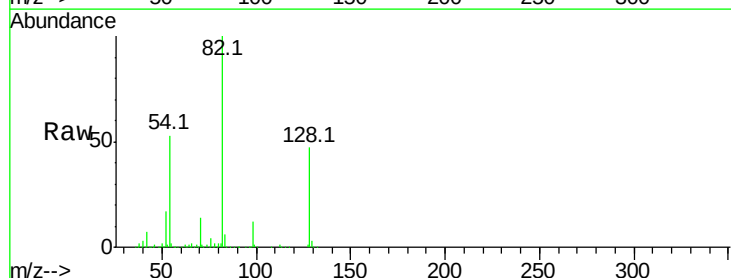
Ion Ratio Lower Upper

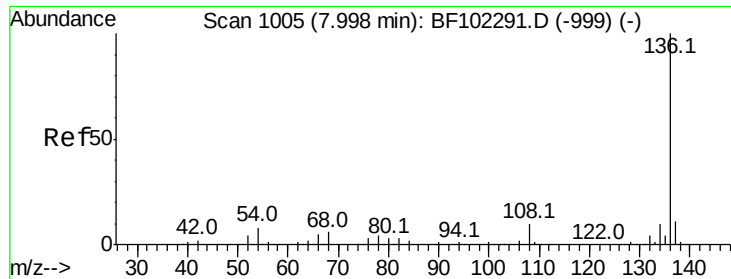
70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

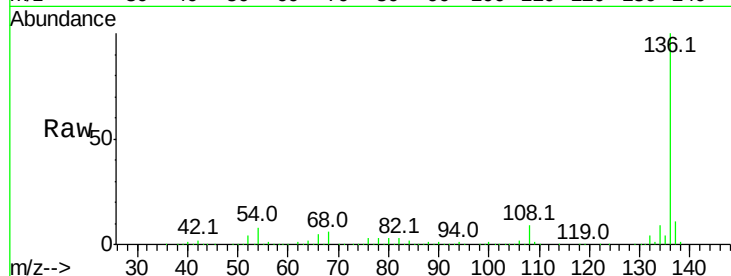




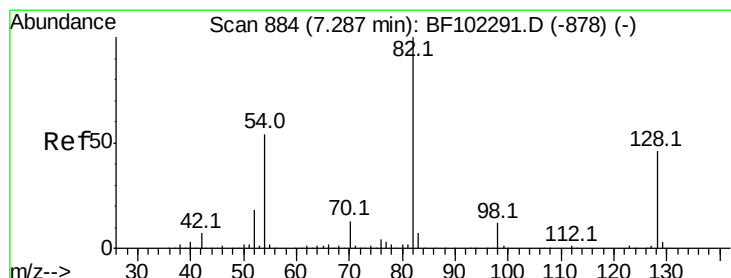
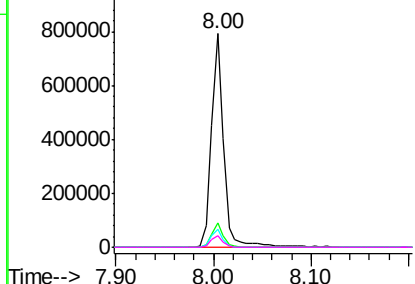
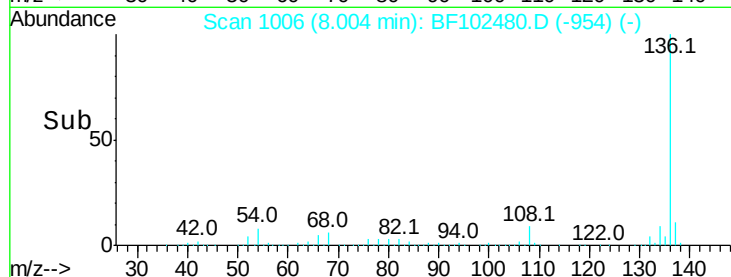
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	688840
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	5.6	5.0	7.4

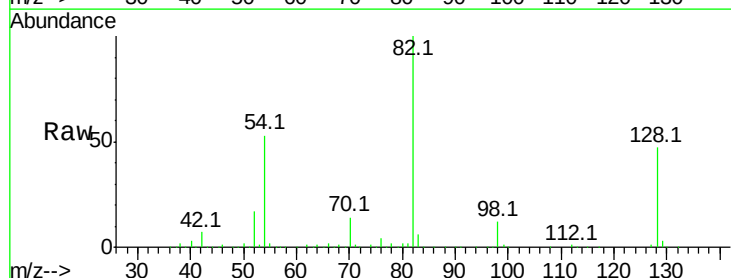


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

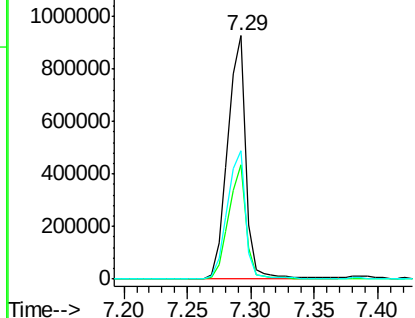
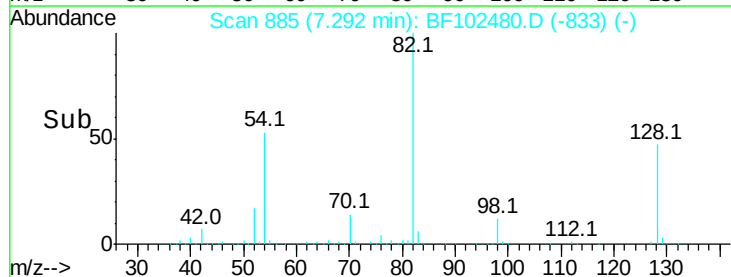


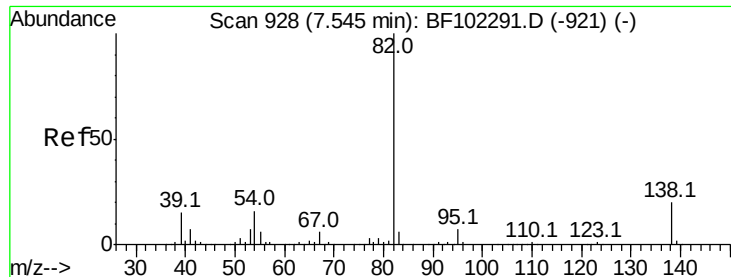
#23
Nitrobenzene-d5
Concen: 77.569 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Tgt Ion:	82	Resp:	929801
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	52.9	41.4	62.2



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





#25

Isophorone

Concen: 43.321 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

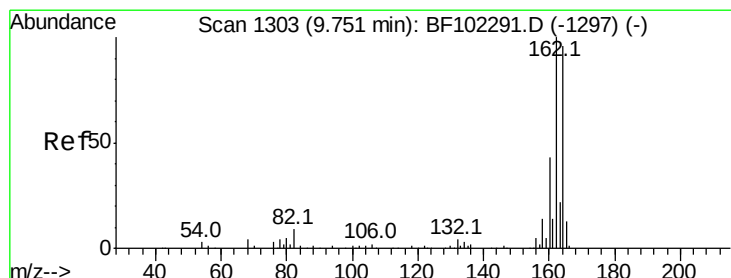
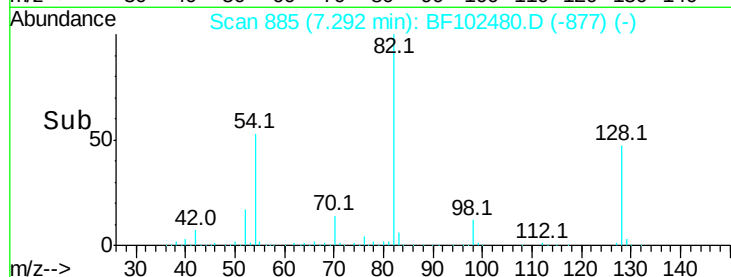
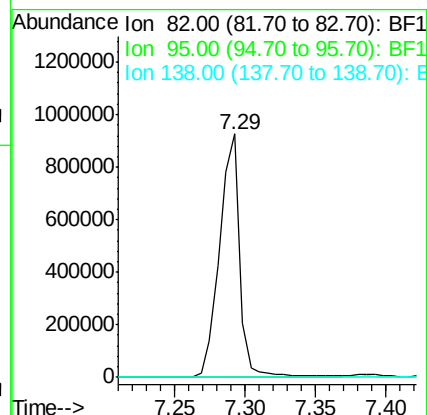
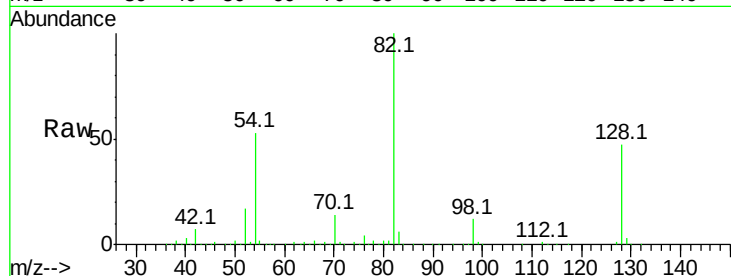
Tot Ion: 82 Resp: 925742

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

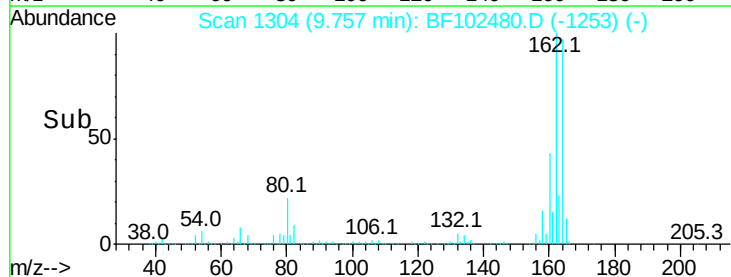
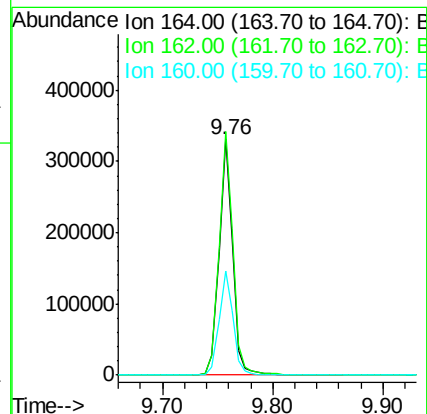
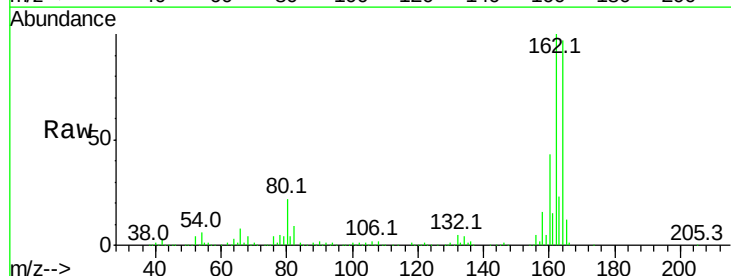
Tgt Ion:164 Resp: 278757

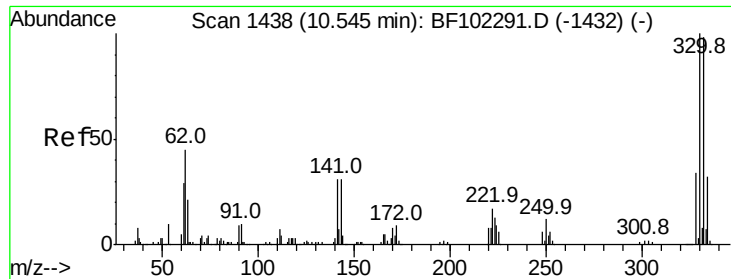
Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

160 44.0 38.3 57.5

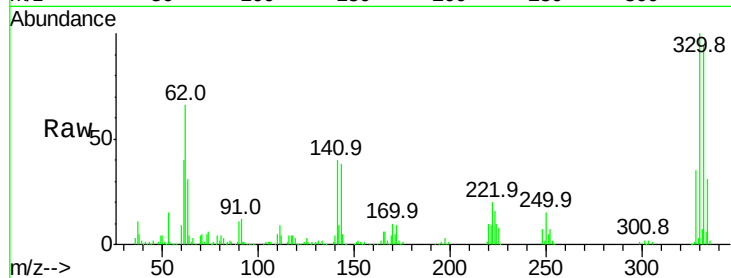




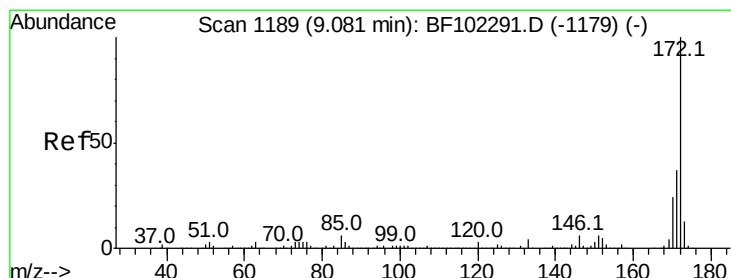
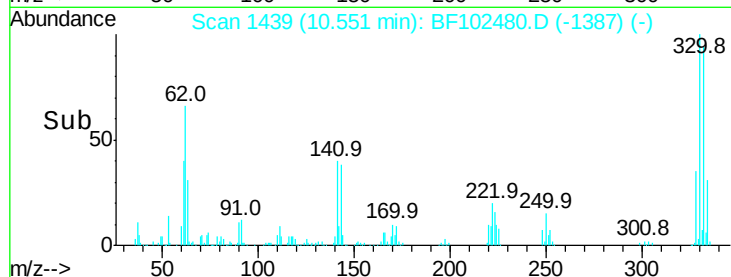
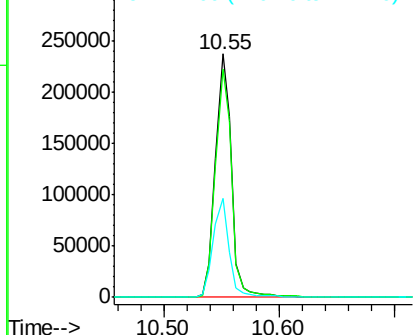
#41
 2,4,6-Tribromophenol
 Concen: 83.477 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 230571
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.9 29.9 44.9

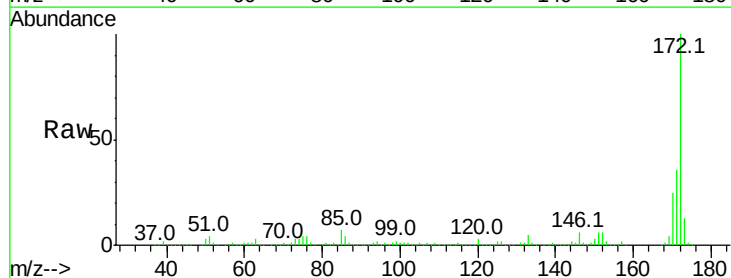


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

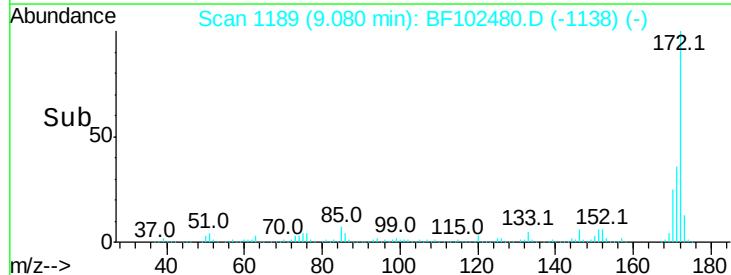
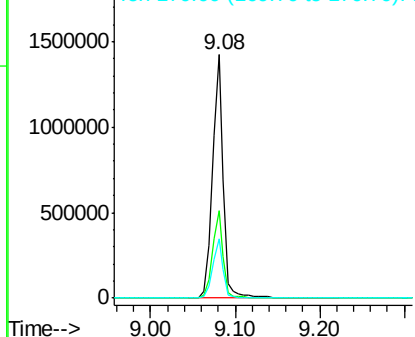


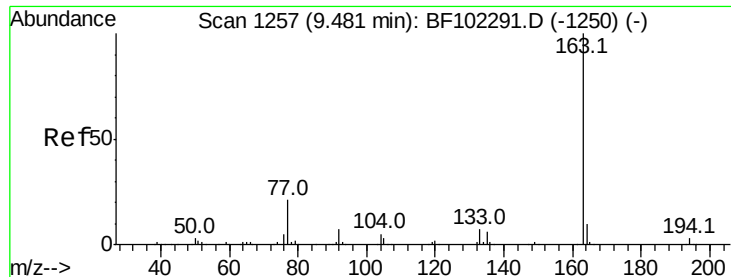
#44
 2-Fluorobiphenyl
 Concen: 68.422 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Tgt Ion:172 Resp: 1297175
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 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

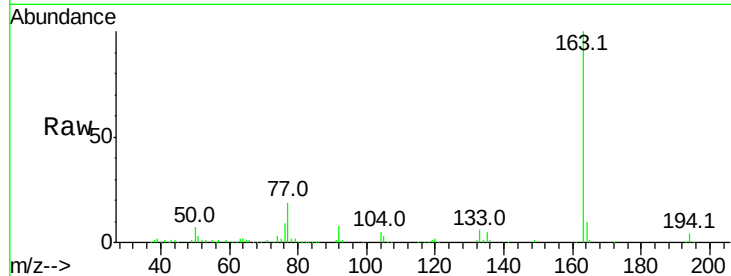




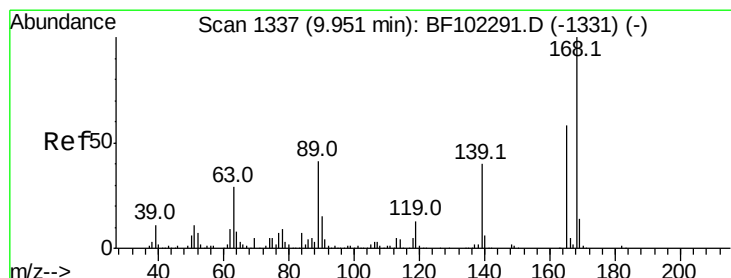
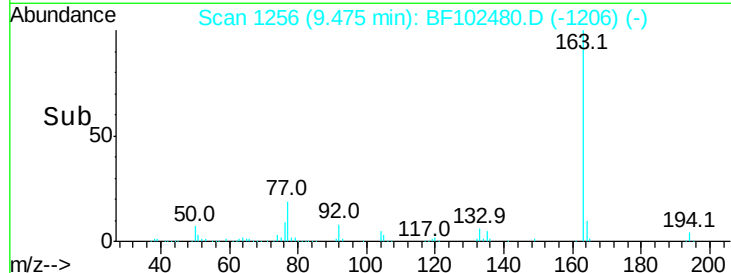
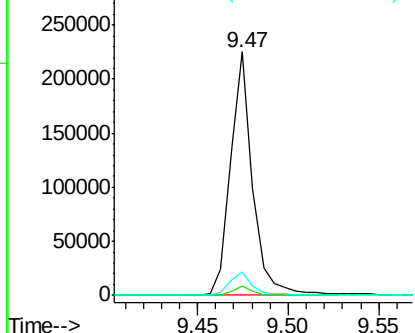
#49
Dimethylphthalate
Concen: 8.320 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 191700
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

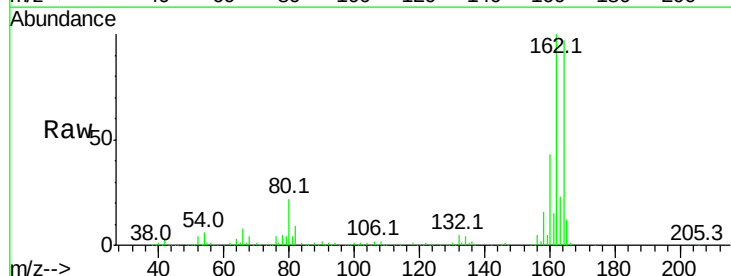


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

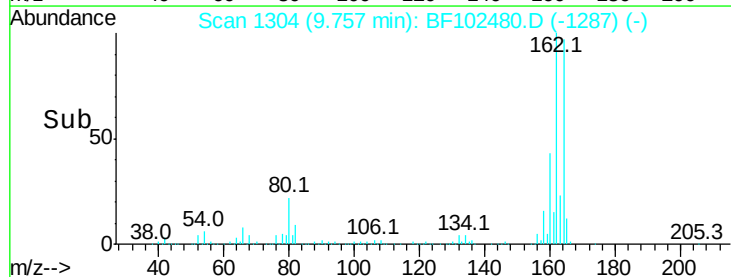
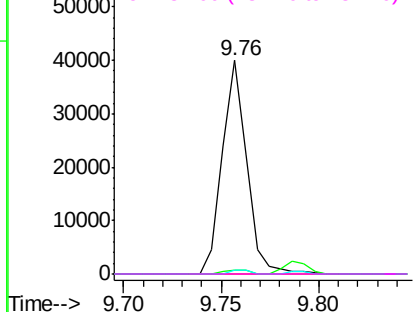


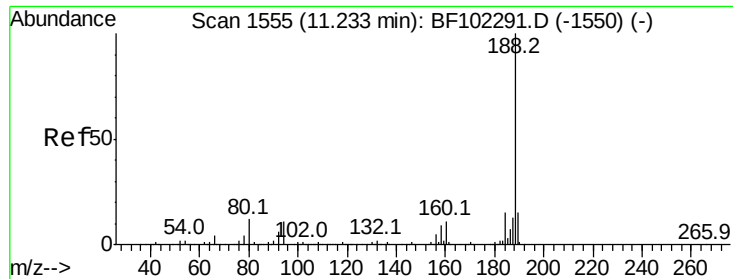
#56
2,4-Dinitrotoluene
Concen: 5.721 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Tgt Ion:165 Resp: 34952
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.7 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

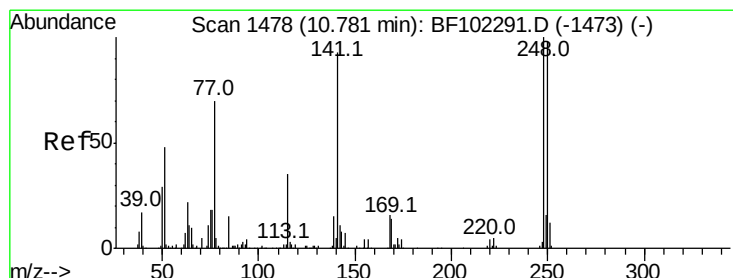
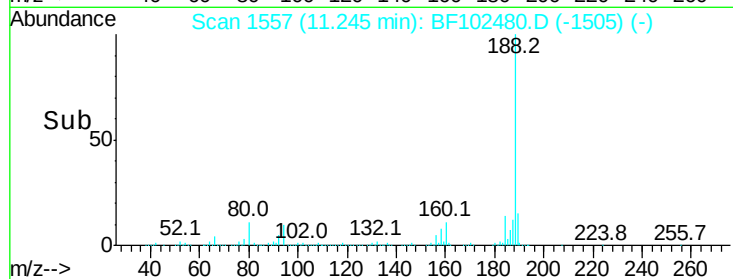
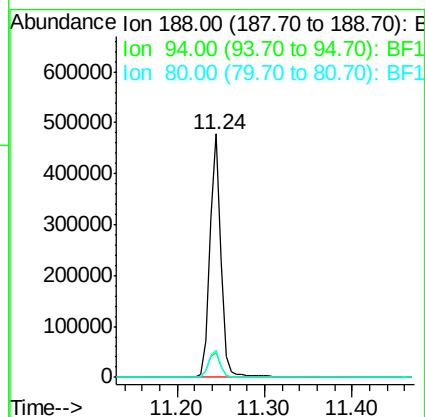
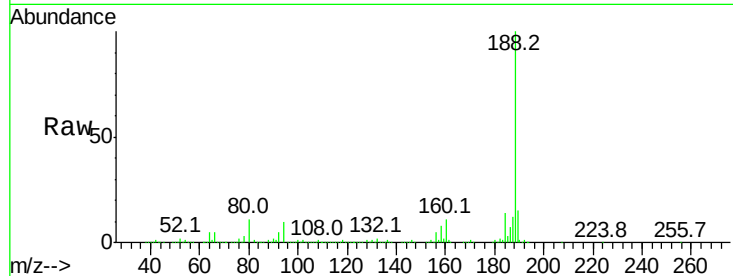




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

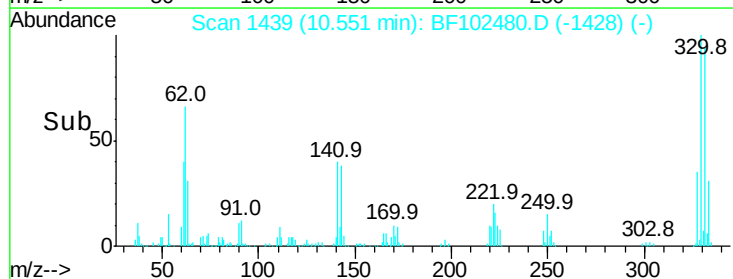
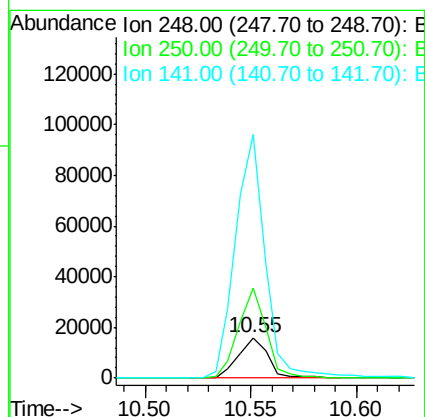
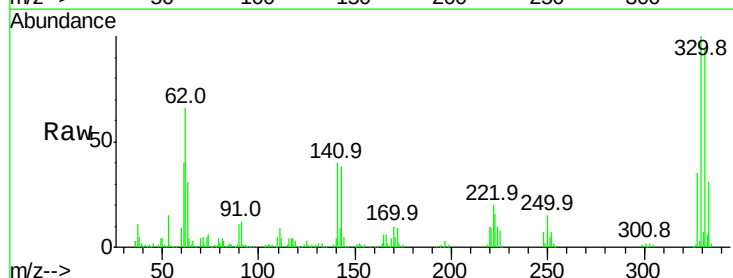
Instrument :
BNA_F
ClientSampleId :

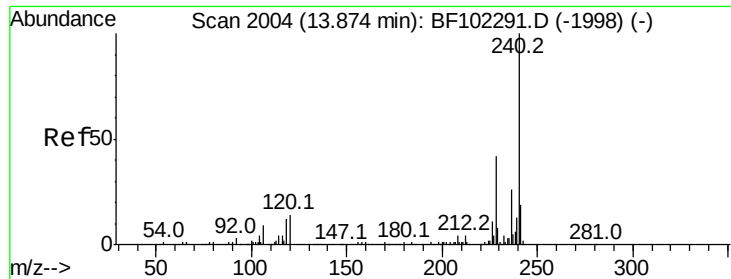
Tot Ion:188 Resp: 417790
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102480.D
Acq: 26 Jan 2018 20:29

Tgt Ion:248 Resp: 15254
Ion Ratio Lower Upper
248 100
250 224.1 76.9 115.3#
141 606.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

Instrument :

BNA_F

ClientSampleId :

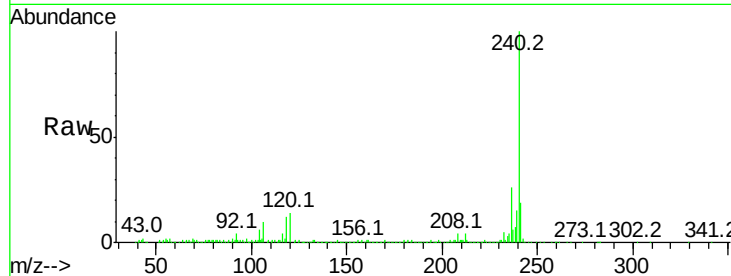
Tot Ion:240 Resp: 321476

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

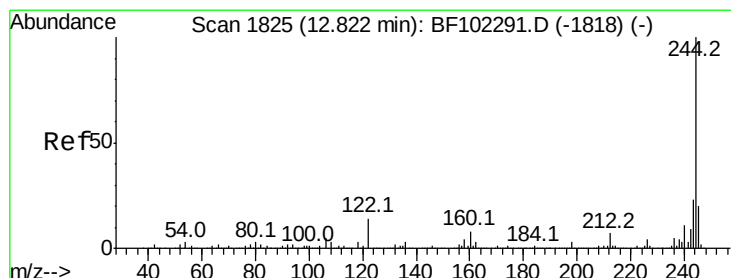
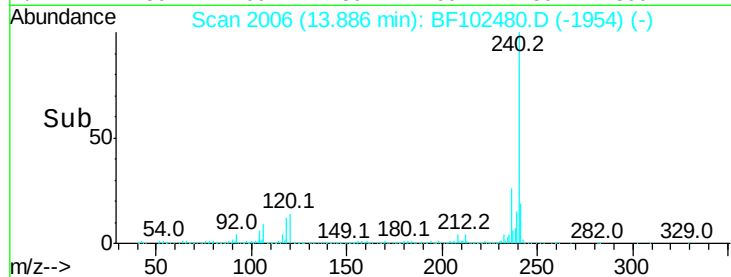
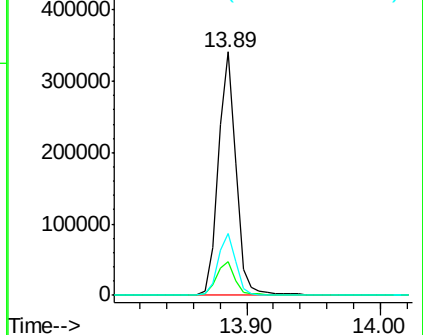
236 25.5 20.7 31.1



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: 64.234 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102480.D

Acq: 26 Jan 2018 20:29

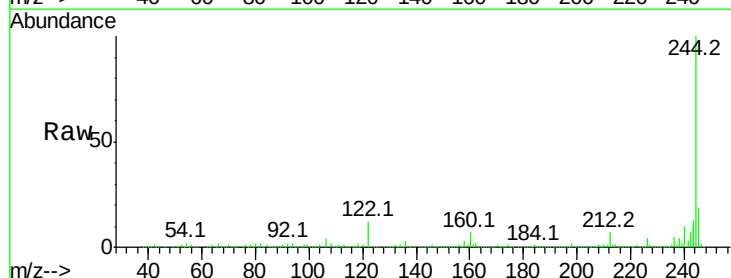
Tgt Ion:244 Resp: 915986

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

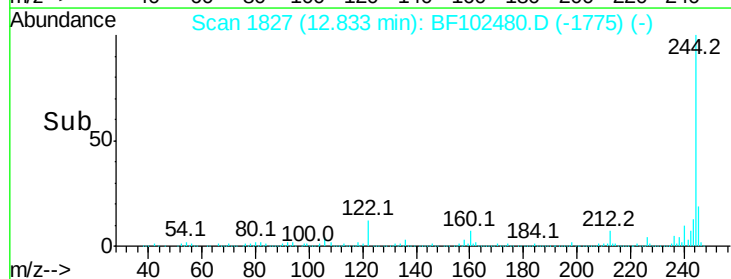
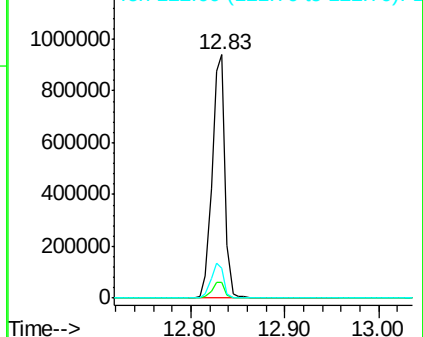
122 12.1 11.0 16.4

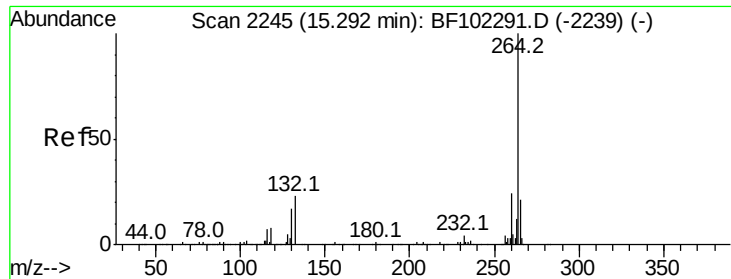


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

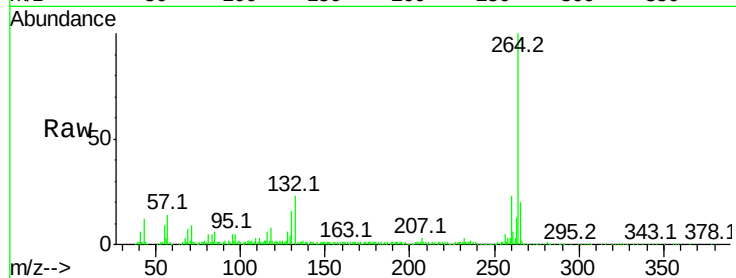




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.02 min
 Lab File: BF102480.D
 Acq: 26 Jan 2018 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.3	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

