

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102546.D
 Acq On : 28 Jan 2018 8:22
 Operator : SJ/JU
 Sample : J1300-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:55:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

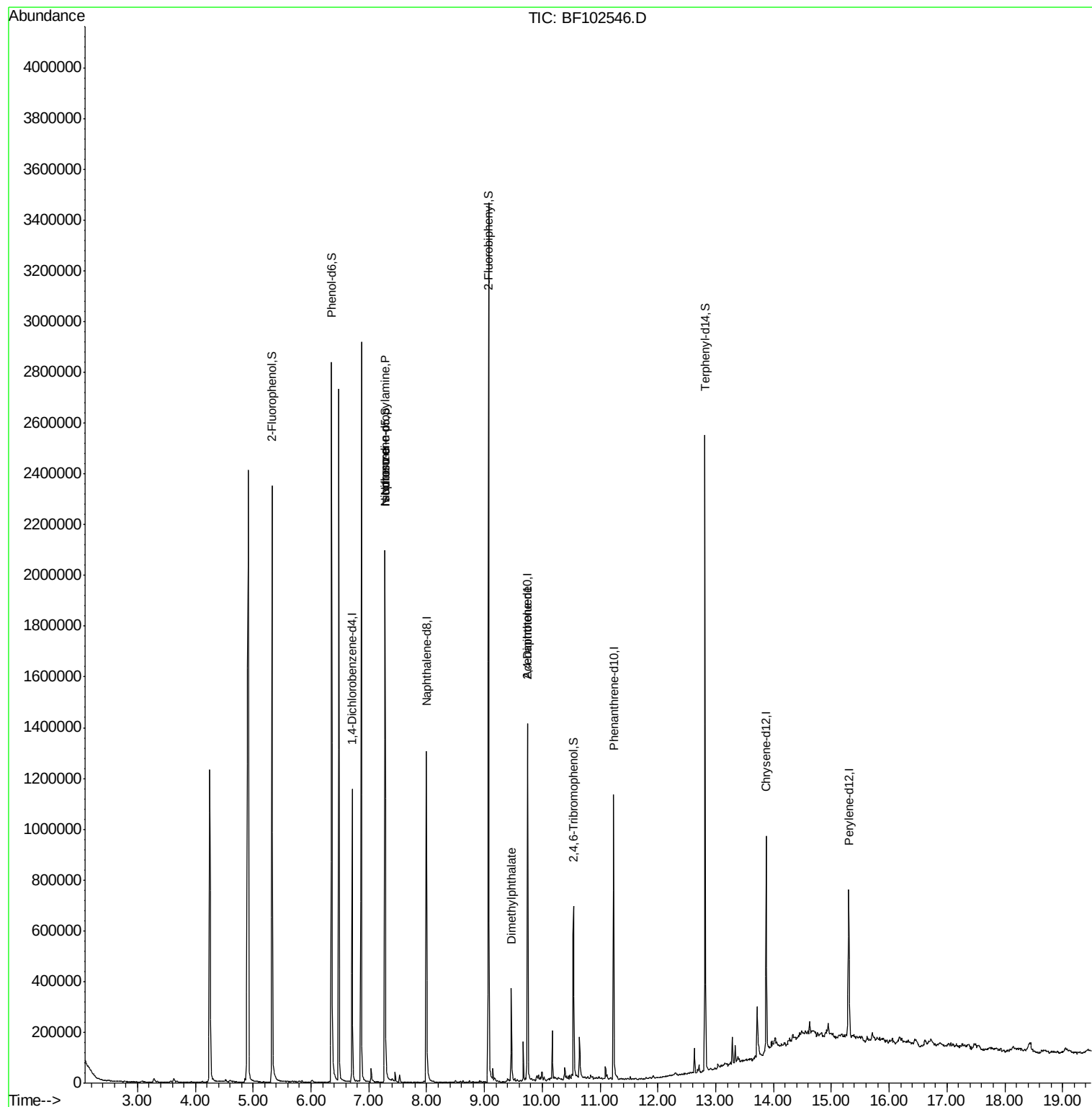
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	172168	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	691254	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	278235	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	411829	20.00	ng	0.00
75) Chrysene-d12	13.87	240	303802	20.00	ng	0.00
86) Perylene-d12	15.30	264	256817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	681762	60.04	ng	0.00
7) Phenol-d6	6.36	99	990232	72.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	681820	56.68	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	80117	29.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1222101	64.58	ng	0.00
78) Terphenyl-d14	12.82	244	840682	62.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	90673	10.824	ng	Qvalue # 79
25) Isophorone	7.28	82	676037	31.525	ng	# 64
49) Dimethylphthalate	9.47	163	163327	7.102	ng	99
56) 2,4-Dinitrotoluene	9.75	165	36273	5.949	ng	# 23

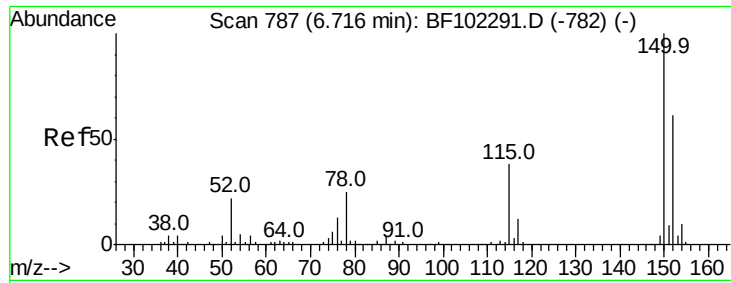
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
Data File : BF102546.D
Acq On : 28 Jan 2018 8:22
Operator : SJ/JU
Sample : J1300-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 28 23:55:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



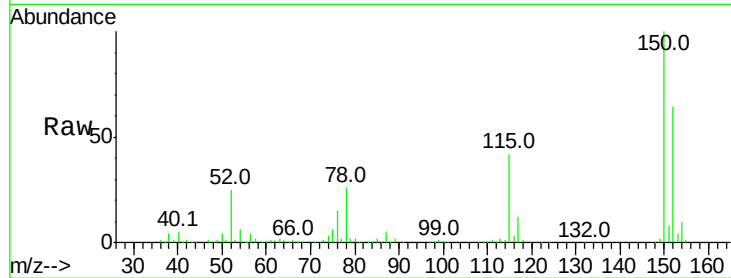


#1

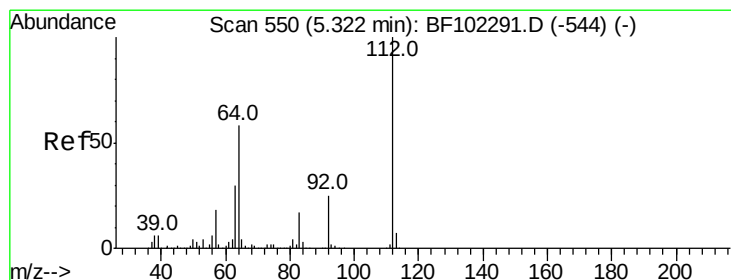
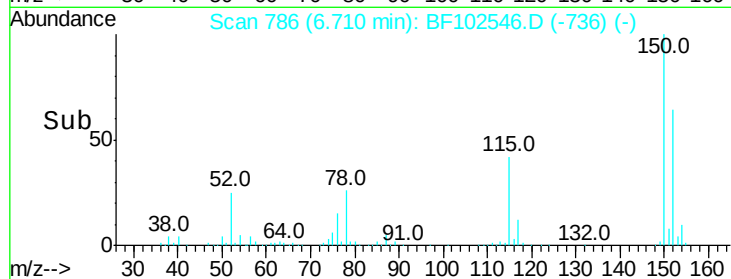
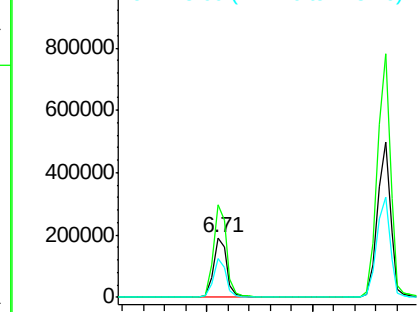
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172168
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 64.8 50.1 75.1



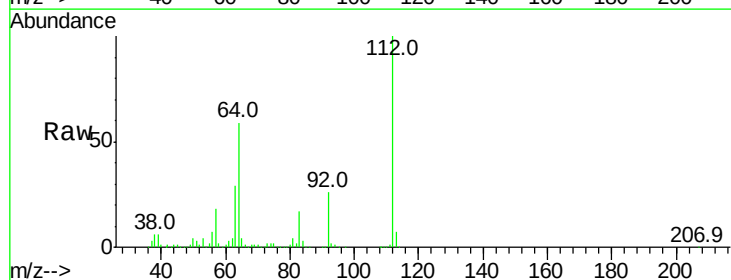
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



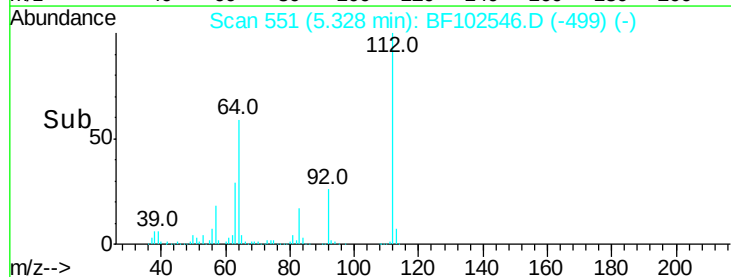
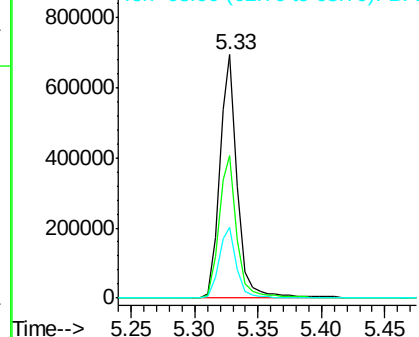
#5

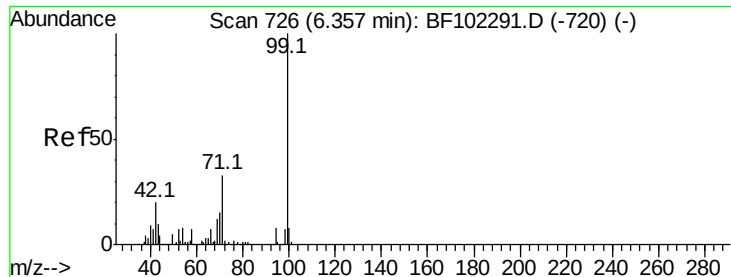
2-Fluorophenol
Concen: 60.042 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

Tgt Ion:112 Resp: 681762
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.0 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: 72.337 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

Instrument :

BNA_F

ClientSampled :

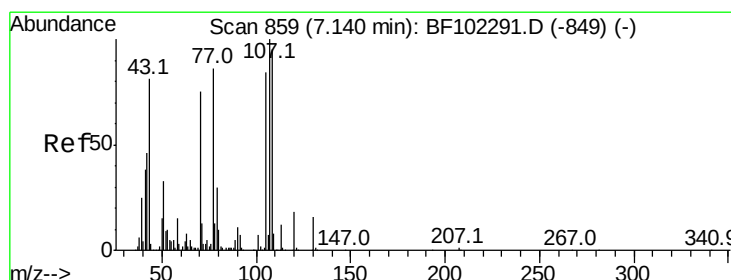
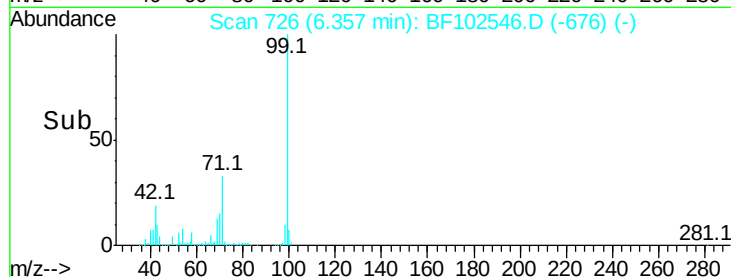
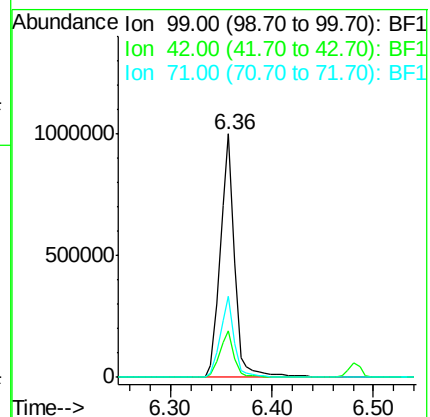
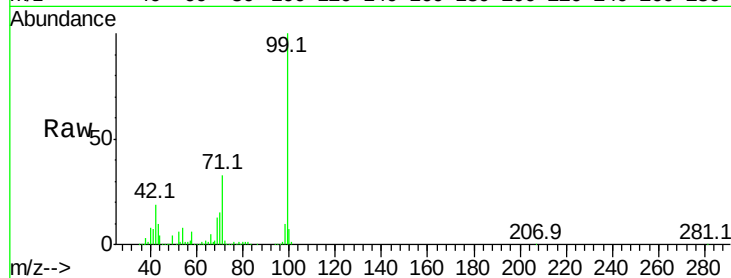
Tot Ion: 99 Resp: 990232

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.824 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

Tgt Ion: 70 Resp: 90673

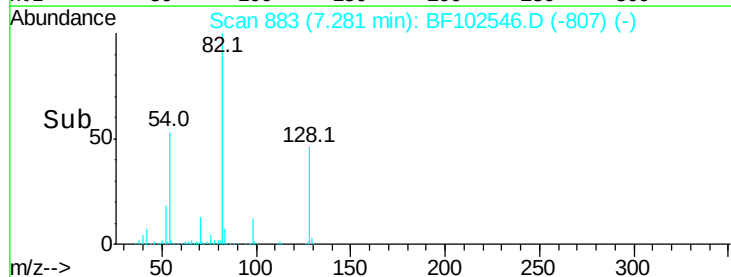
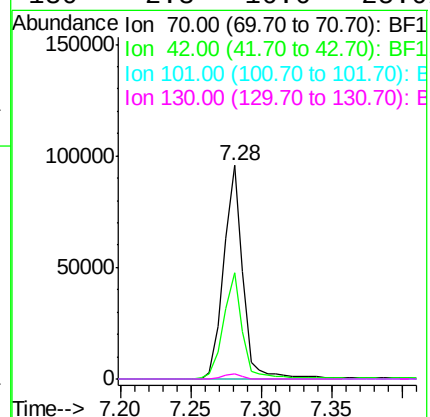
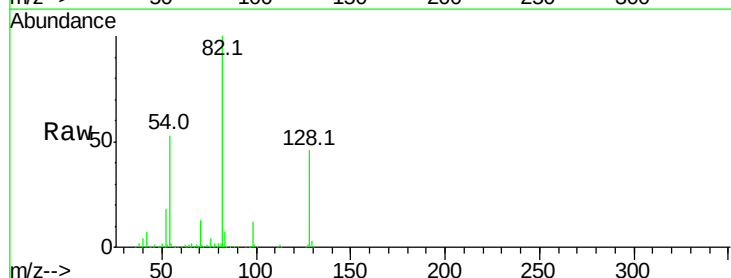
Ion Ratio Lower Upper

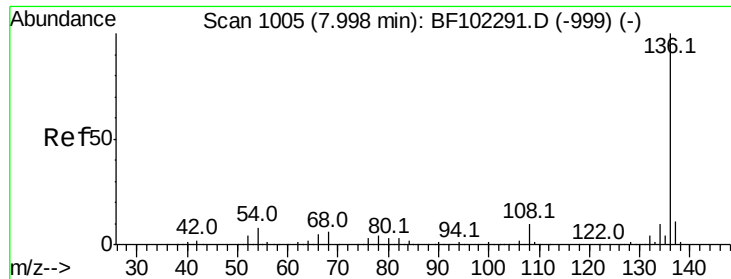
70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

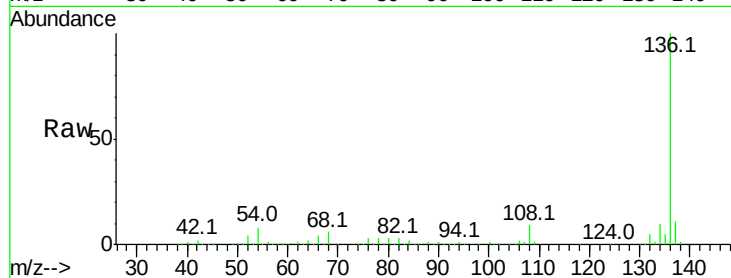




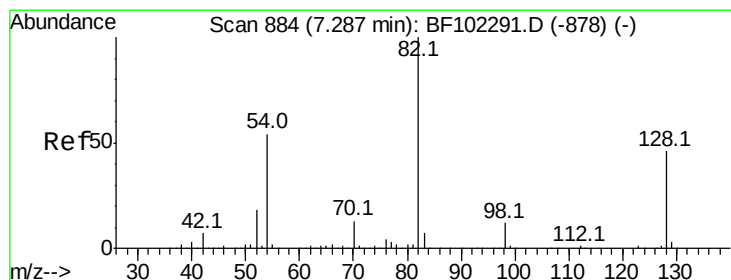
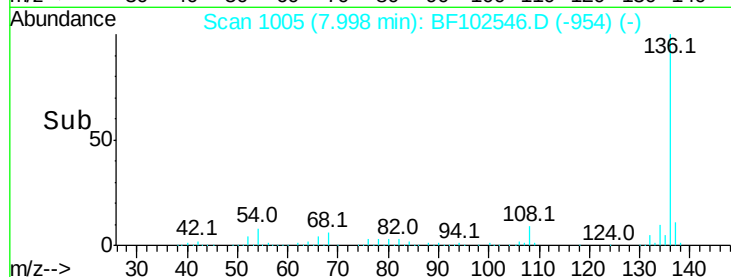
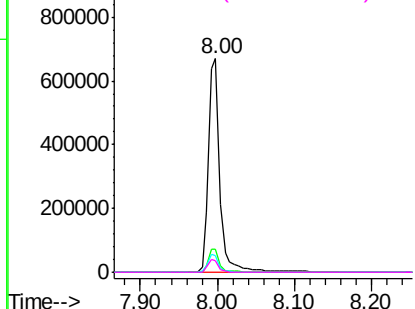
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	691254
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.7	6.6	9.8
68 5.7	5.0	7.4

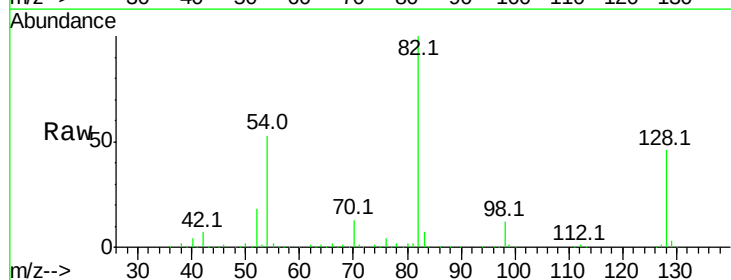


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

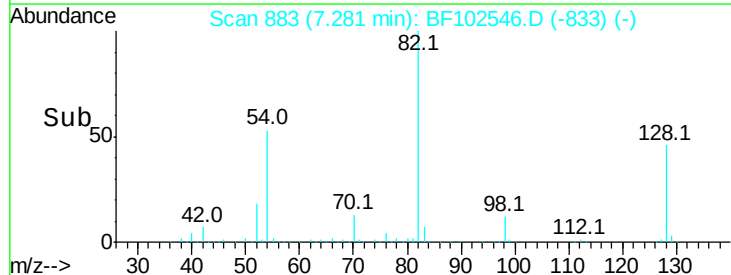
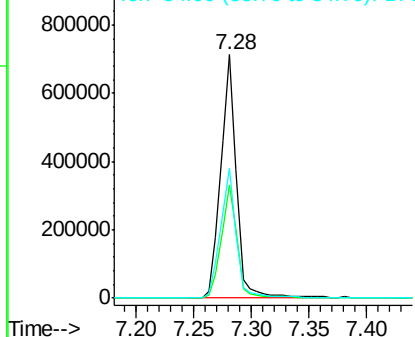


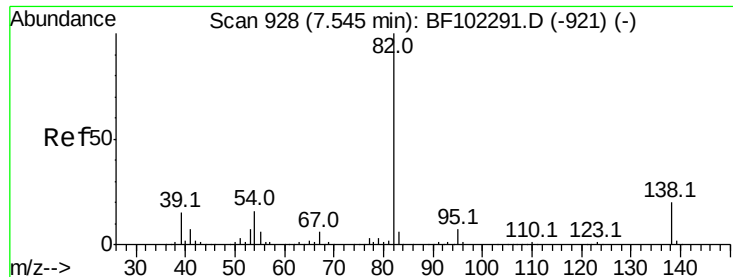
#23
Nitrobenzene-d5
Concen: 56.683 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

Tgt Ion: 82	Resp:	681820
Ion Ratio	Lower	Upper
82 100		
128 46.2	36.1	54.1
54 53.5	41.4	62.2



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





#25

Isophorone

Concen: 31.525 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

Instrument :

BNA_F

ClientSampleId :

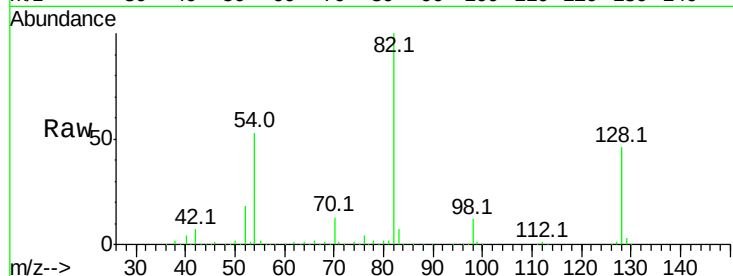
Tot Ion: 82 Resp: 676037

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

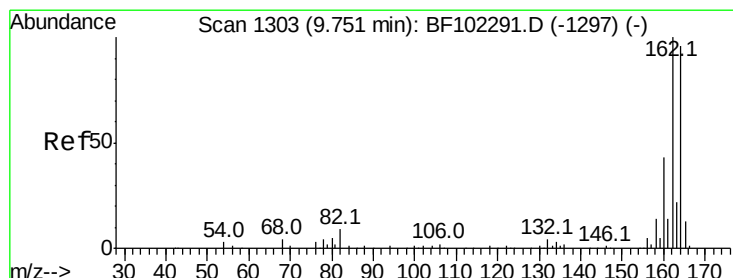
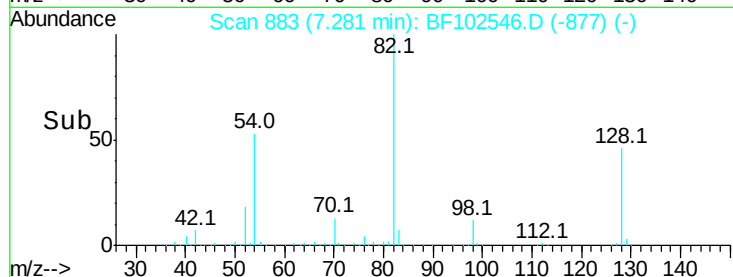
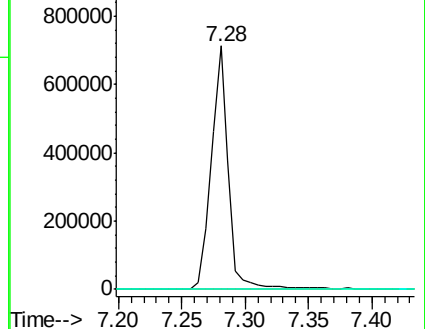
138 0.0 14.9 22.3#



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# 1302

Delta R.T. -0.01 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

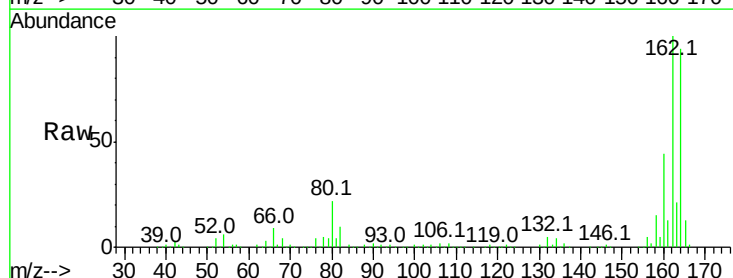
Tgt Ion: 164 Resp: 278235

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

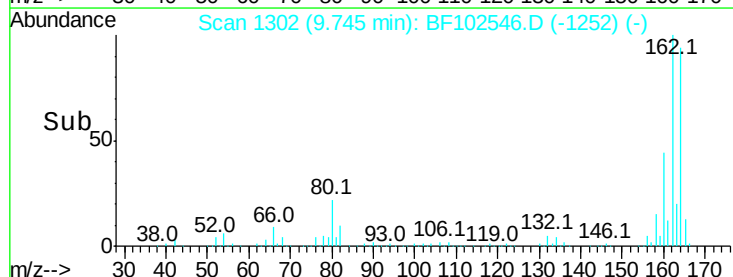
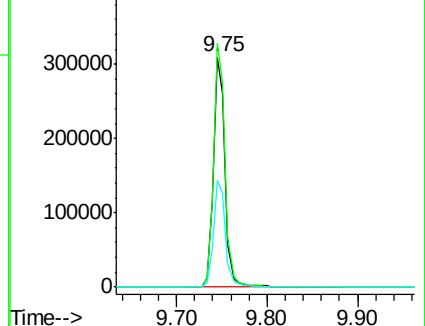
160 46.3 38.3 57.5

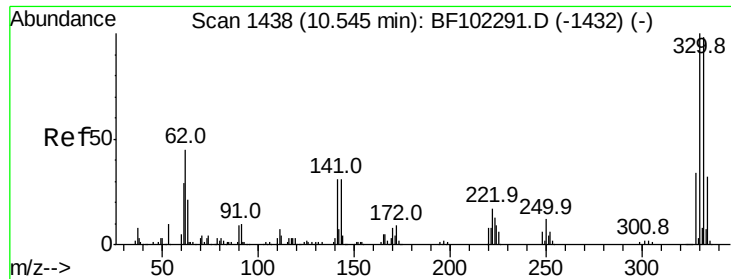


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

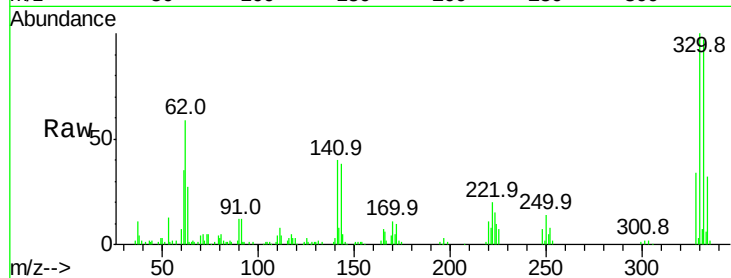




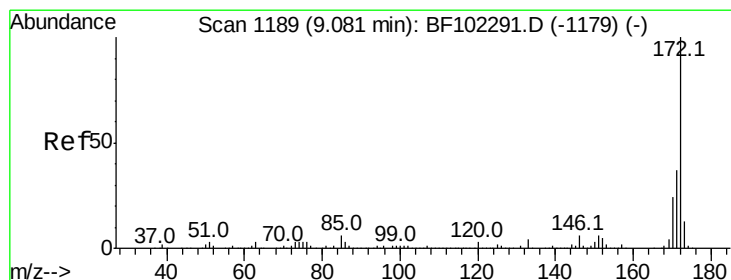
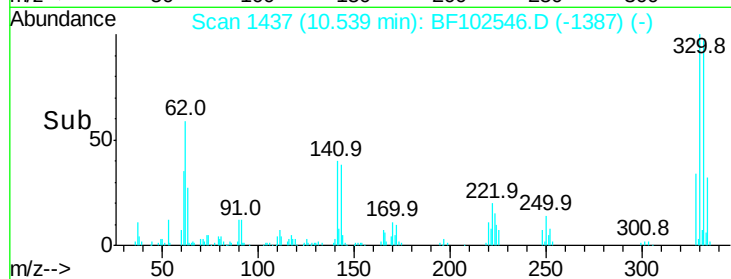
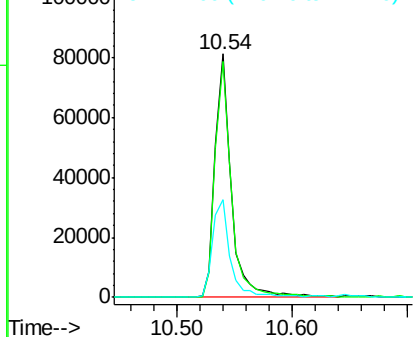
#41
 2,4,6-Tribromophenol
 Concen: 29.060 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102546.D
 Acq: 28 Jan 2018 8:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 80117
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 43.9 29.9 44.9

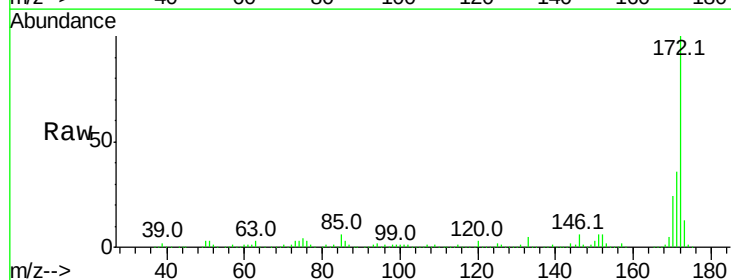


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

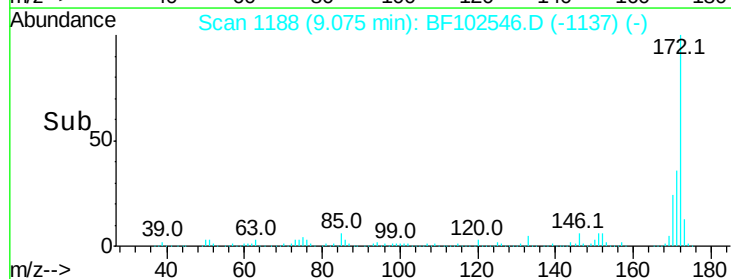
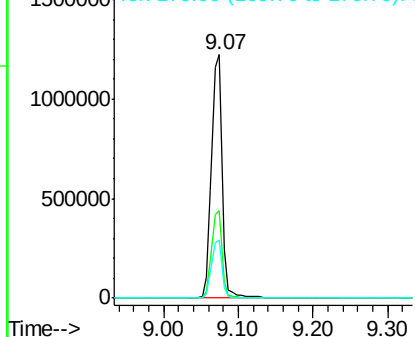


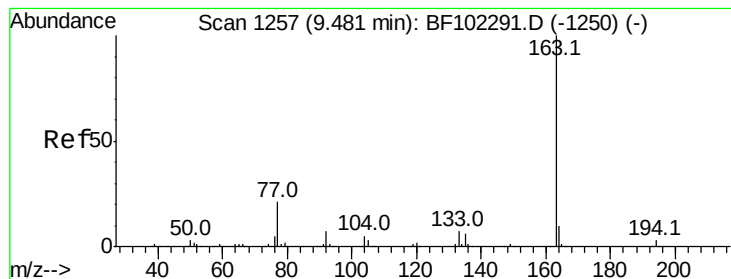
#44
 2-Fluorobiphenyl
 Concen: 64.583 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102546.D
 Acq: 28 Jan 2018 8:22

Tgt Ion:172 Resp: 1222101
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 7.102 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

Instrument :

BNA_F

ClientSampleId :

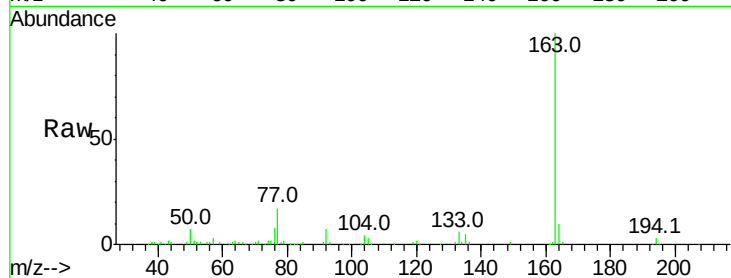
Tot Ion:163 Resp: 163327

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

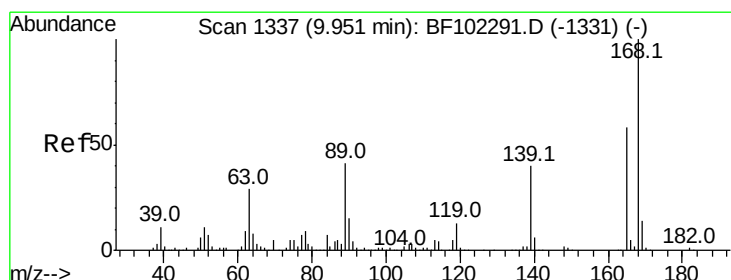
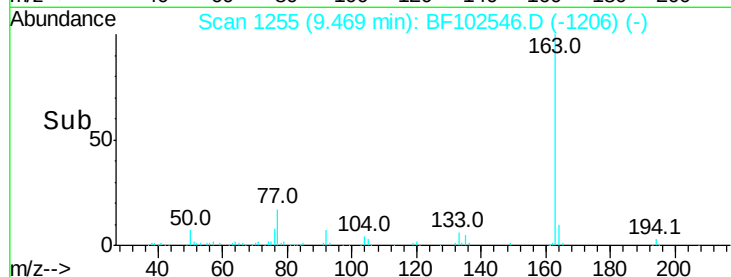
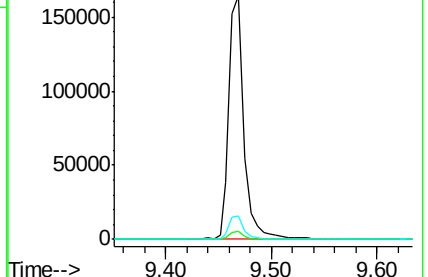
164 9.6 8.2 12.2



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: 5.949 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102546.D

Acq: 28 Jan 2018 8:22

Tgt Ion:165 Resp: 36273

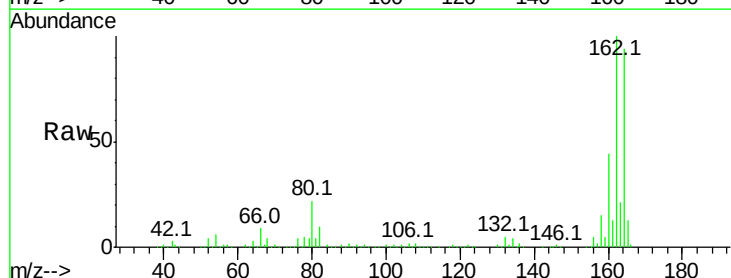
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

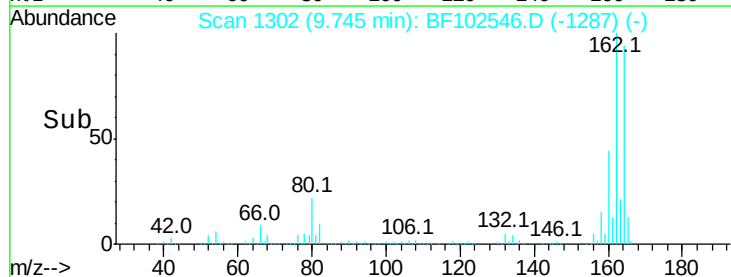
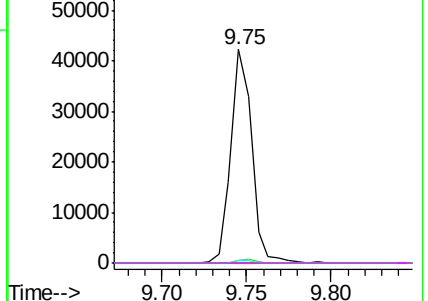


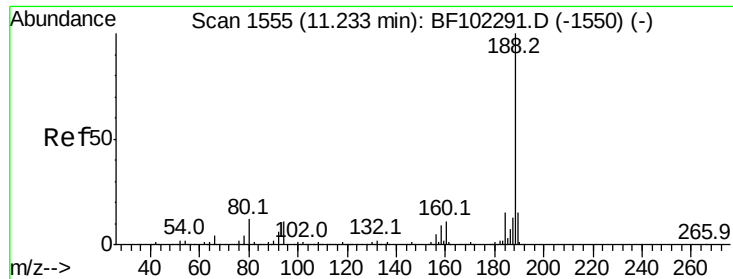
Abundance Ion 165.00 (164.70 to 165.70): E

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

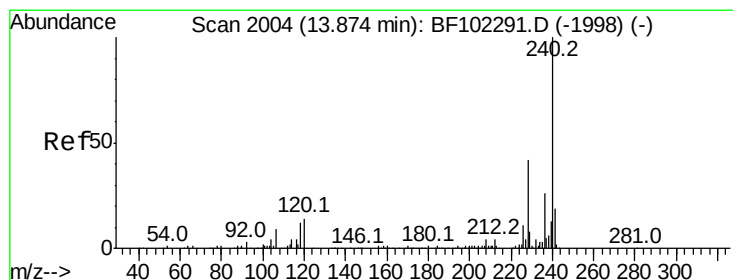
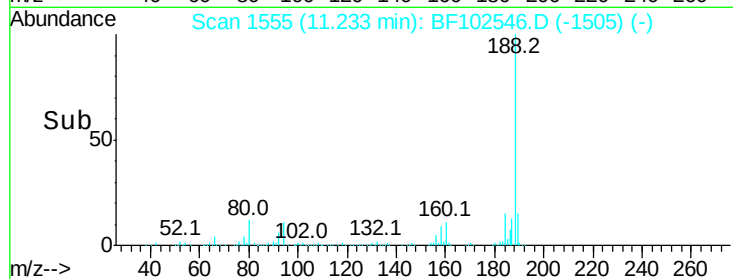
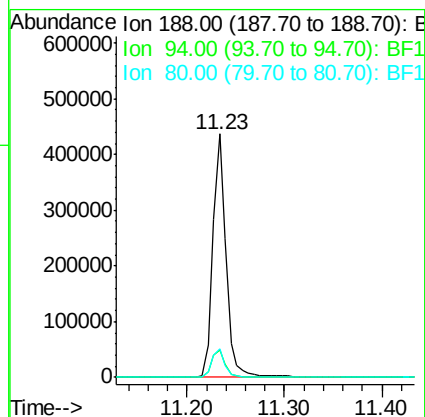
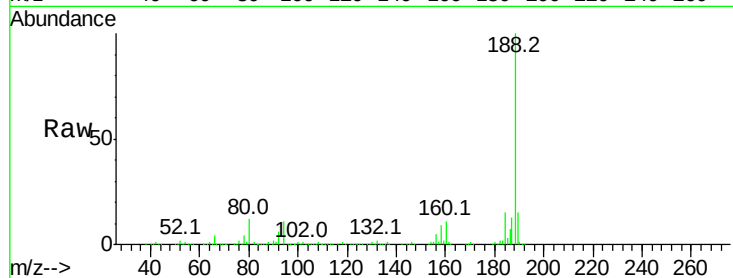




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

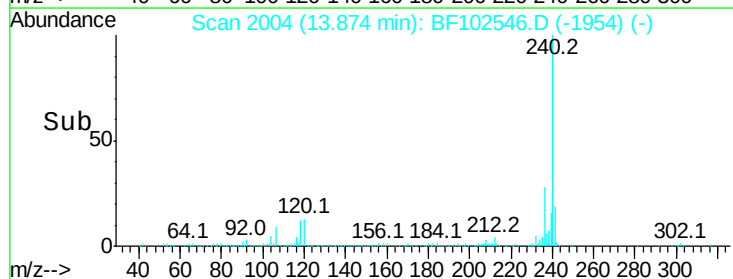
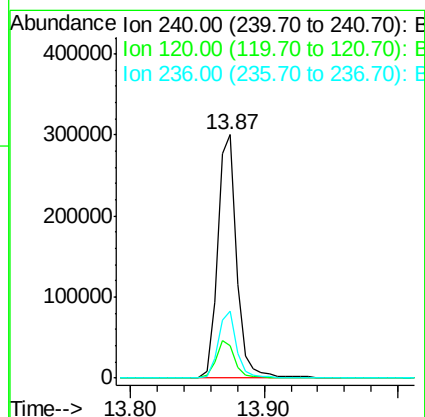
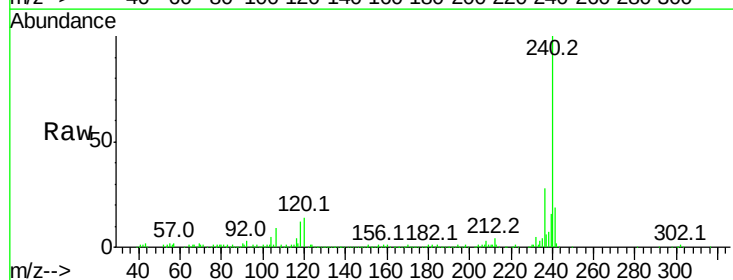
Instrument :
BNA_F
ClientSampled :

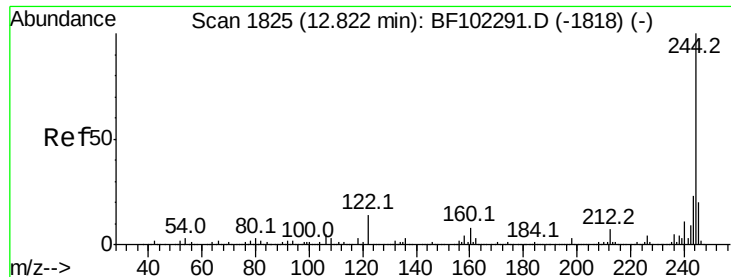
Tot Ion:188 Resp: 411829
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102546.D
Acq: 28 Jan 2018 8:22

Tgt Ion:240 Resp: 303802
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 27.5 20.7 31.1

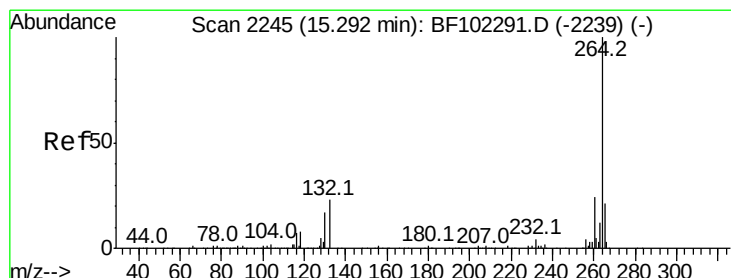
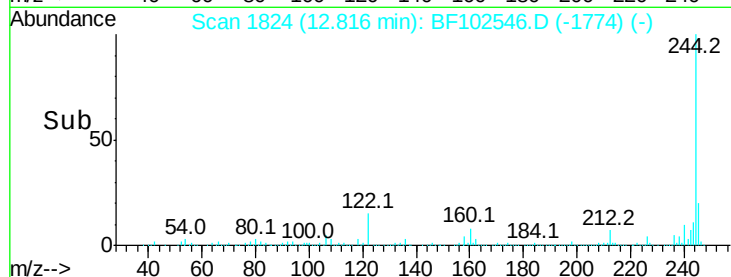
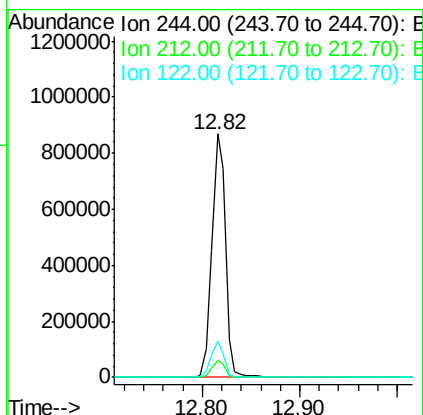
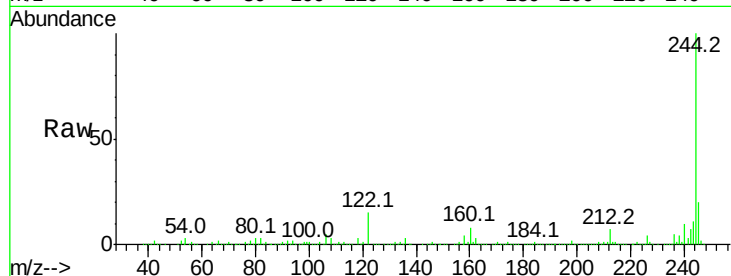




#78
 Terphenyl-d14
 Concen: 62.383 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102546.D
 Acq: 28 Jan 2018 8:22

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 840682
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102546.D
 Acq: 28 Jan 2018 8:22

Tgt Ion:264 Resp: 256817
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.5 17.5 26.3

