

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102395.D
 Acq On : 24 Jan 2018 17:51
 Operator : SJ/JU
 Sample : J1249-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-6(0-2)

Quant Time: Jan 25 00:43:43 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

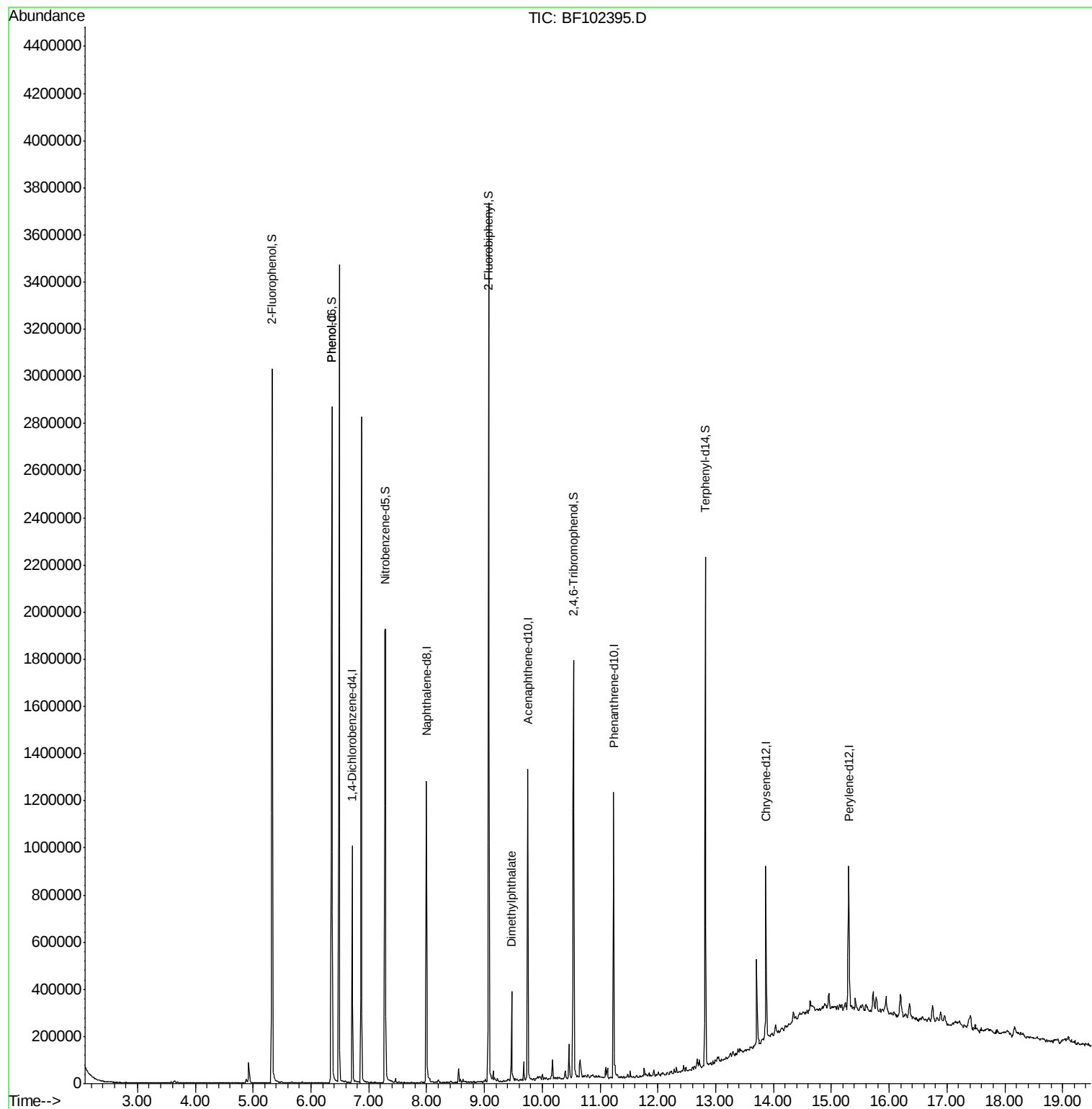
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149607	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	618635	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	268485	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	408297	20.00	ng	0.00
75) Chrysene-d12	13.87	240	269544	20.00	ng	0.00
86) Perylene-d12	15.30	264	267452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	974361	98.75	ng	0.00
7) Phenol-d6	6.36	99	1164160	97.87	ng	0.00
23) Nitrobenzene-d5	7.28	82	743956	69.11	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	203136	76.36	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1179413	64.59	ng	0.00
78) Terphenyl-d14	12.82	244	730838	61.12	ng	0.00
Target Compounds						
10) Phenol	6.37	94	64424	4.961	ng	93
49) Dimethylphthalate	9.47	163	146531	6.603	ng	99

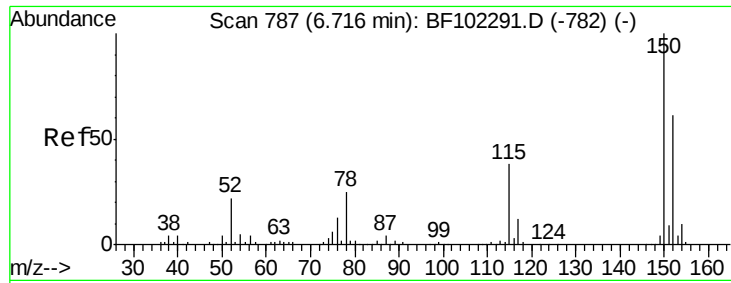
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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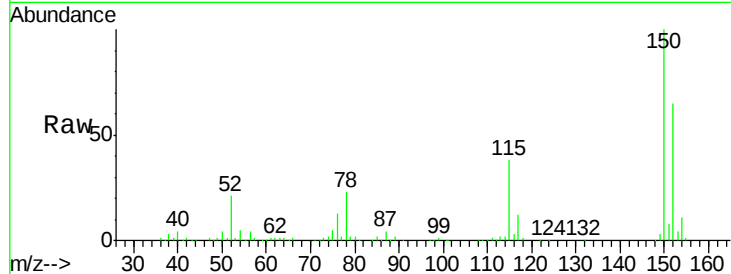


#1

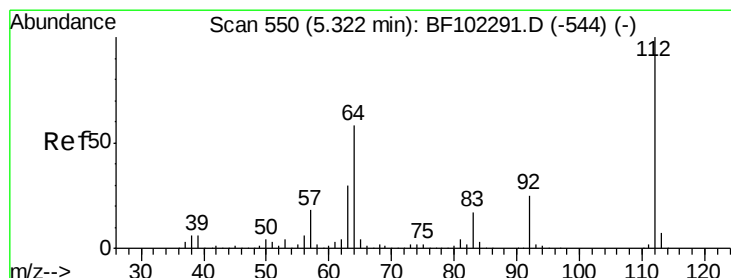
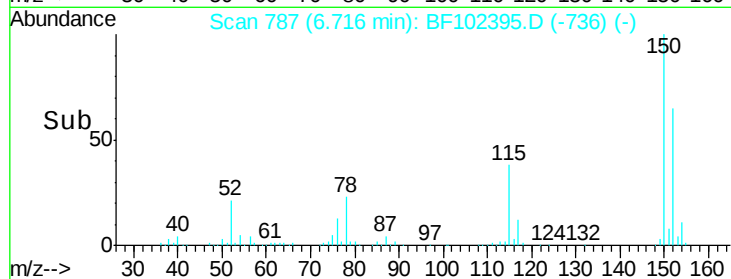
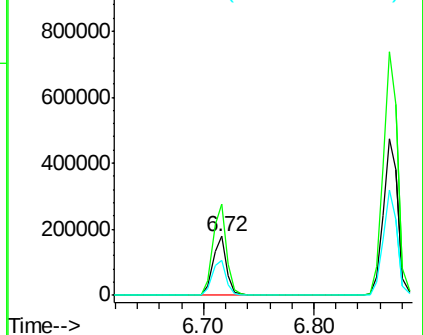
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Instrument :
BNA_F
ClientSampleId :
AB-6(0-2)

Tgt Ion:152 Resp: 149607
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 58.4 50.1 75.1



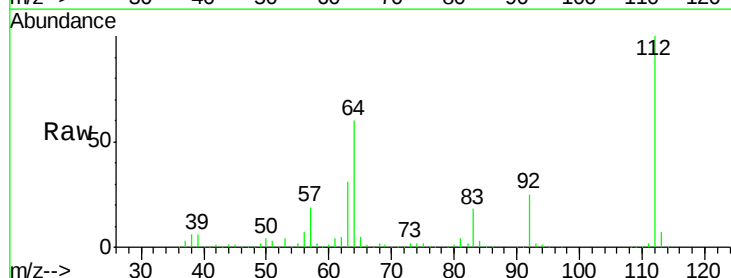
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



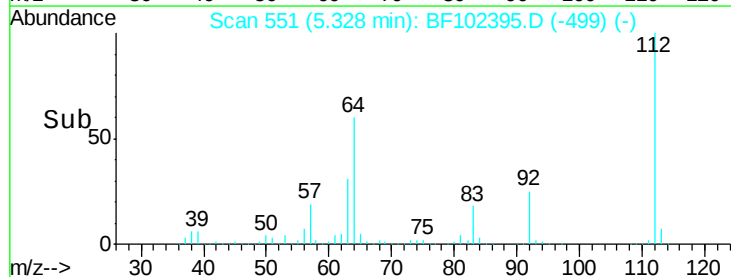
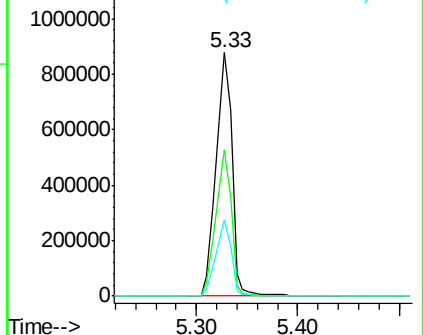
#5

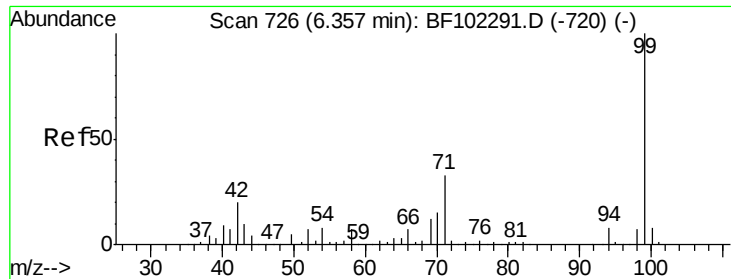
2-Fluorophenol
Concen: 98.751 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Tgt Ion:112 Resp: 974361
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.3 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: 97.867 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

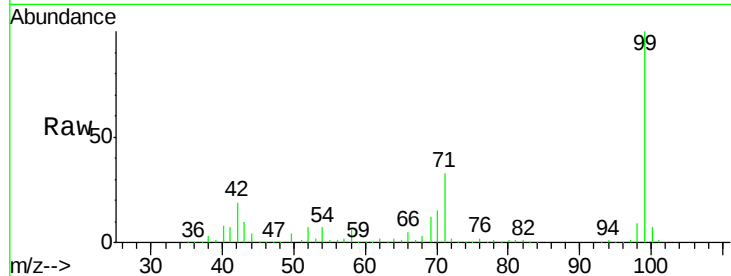
BNA_F

ClientSampleId :

AB-6(0-2)

Tgt Ion: 99 Resp: 1164160

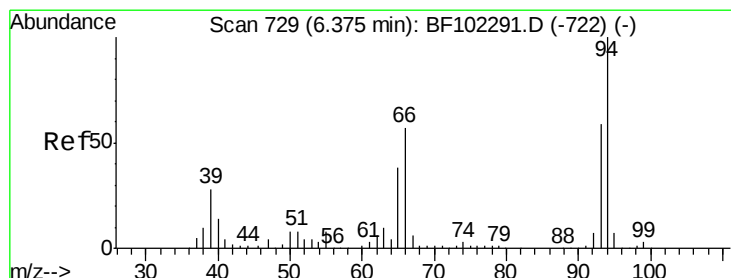
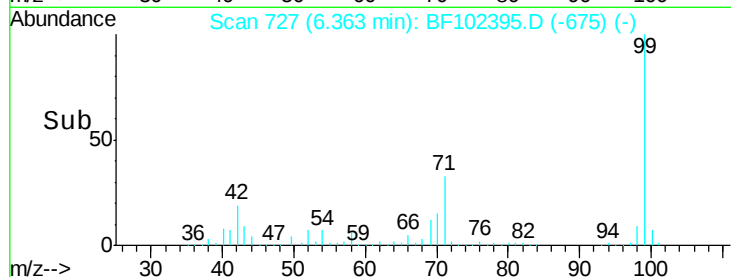
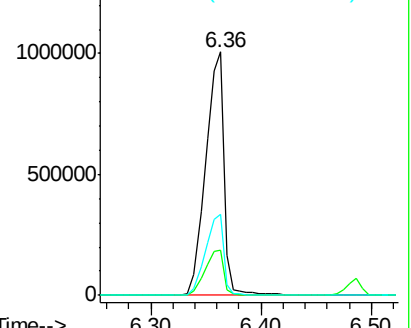
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.1	25.4	38.0



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: 4.961 ng

RT: 6.37 min Scan# 728

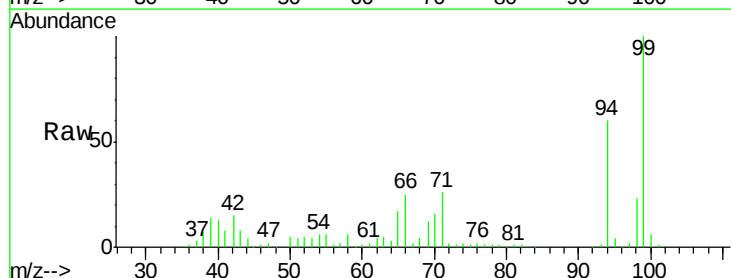
Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Tgt Ion: 94 Resp: 64424

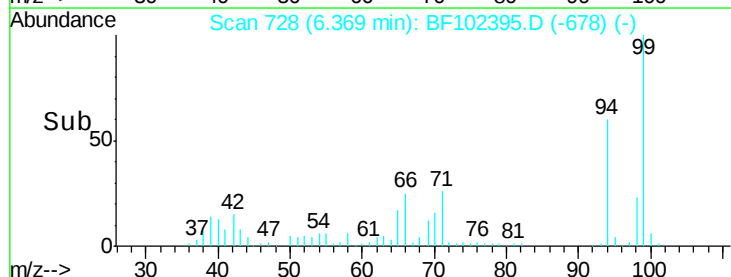
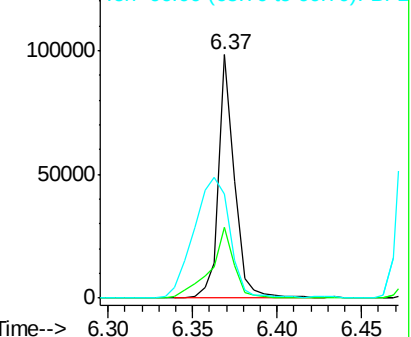
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	42.8	16.2	56.2

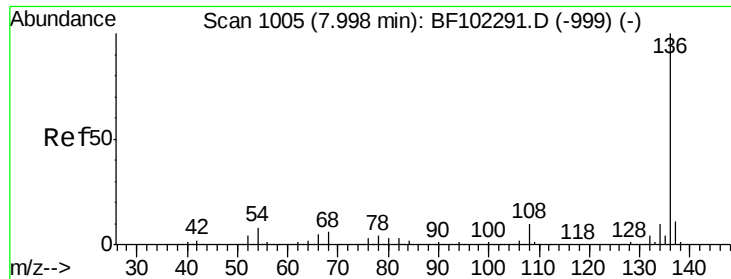


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

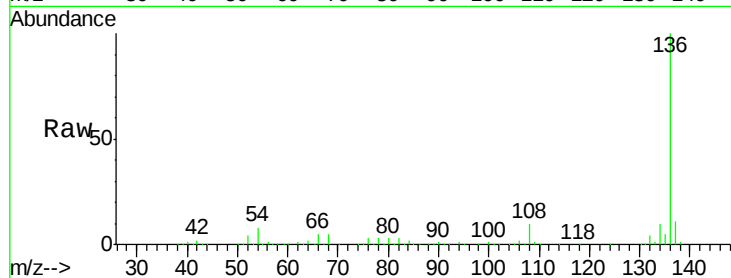




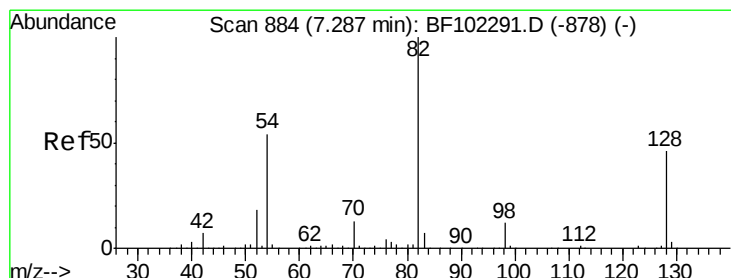
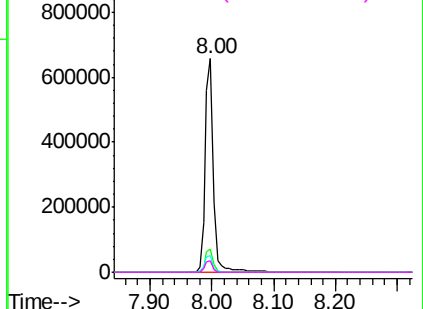
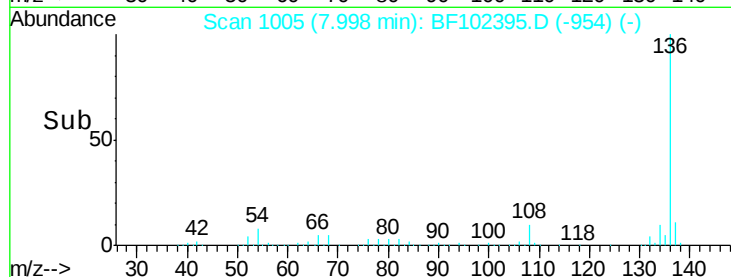
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Instrument :
BNA_F
ClientSampleId :
AB-6(0-2)

Tgt Ion:	136	Resp:	618635
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	5.3	5.0	7.4

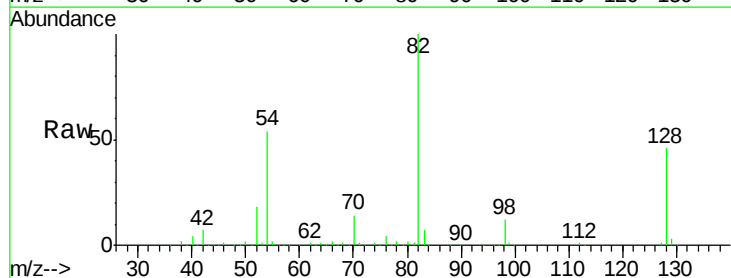


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

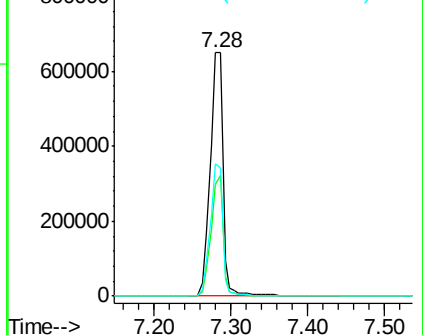
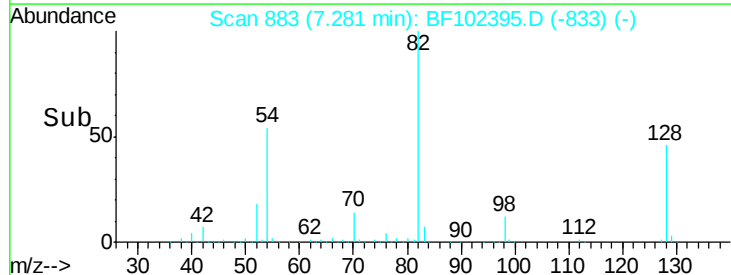


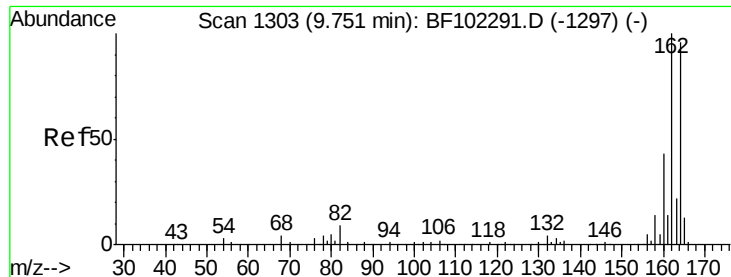
#23
Nitrobenzene-d5
Concen: 69.108 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Tgt Ion:	82	Resp:	743956
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.1	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

AB-6(0-2)

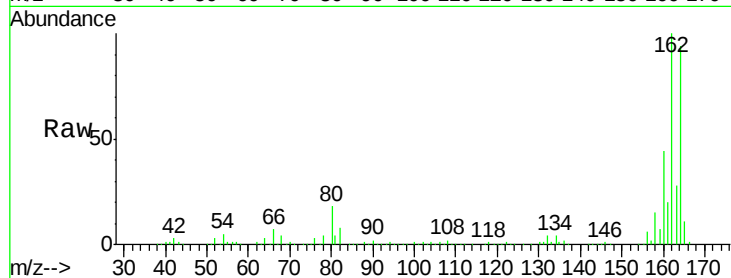
Tgt Ion:164 Resp: 268485

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

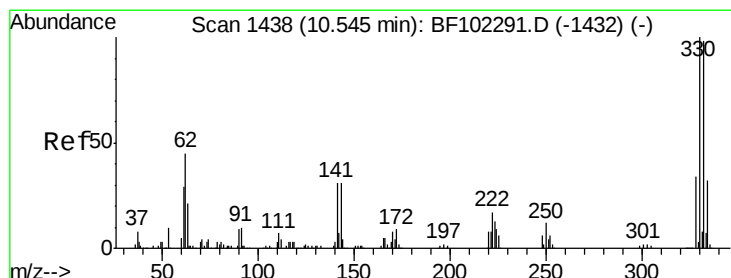
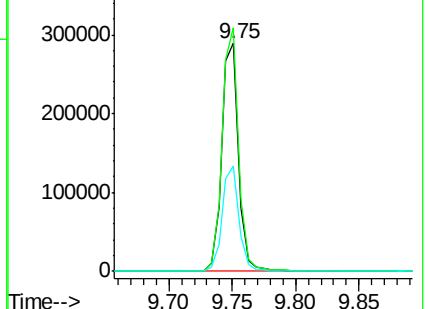
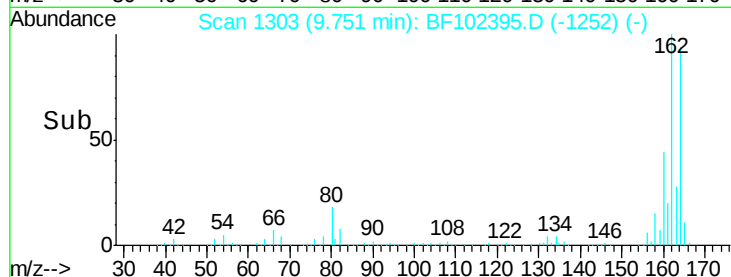
160 46.4 38.3 57.5



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: 76.358 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

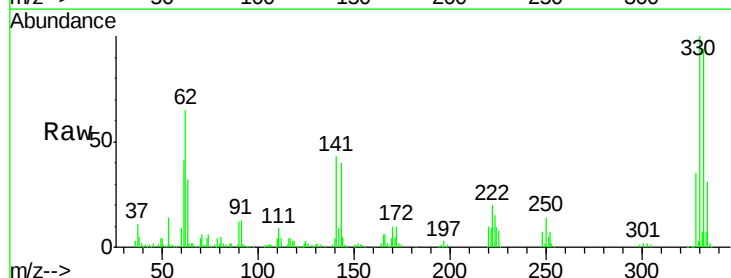
Tgt Ion:330 Resp: 203136

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

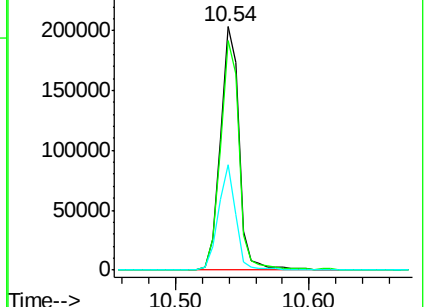
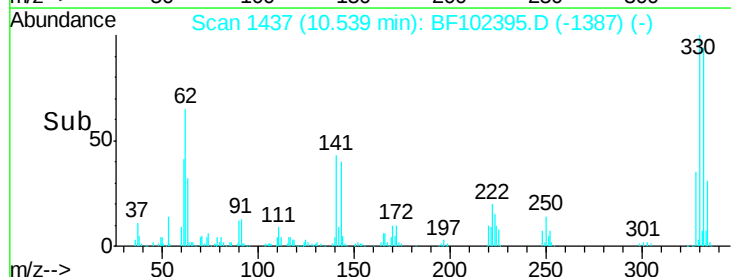
141 40.8 29.9 44.9

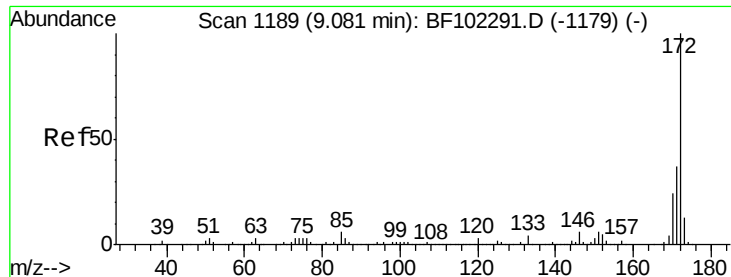


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

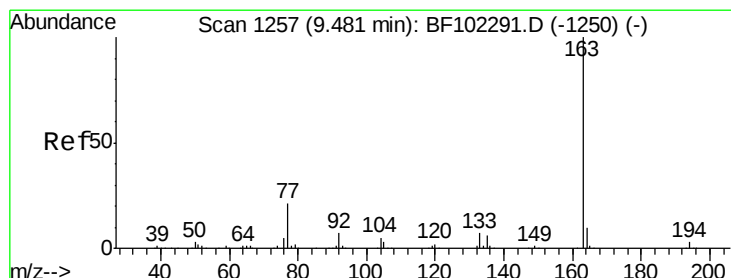
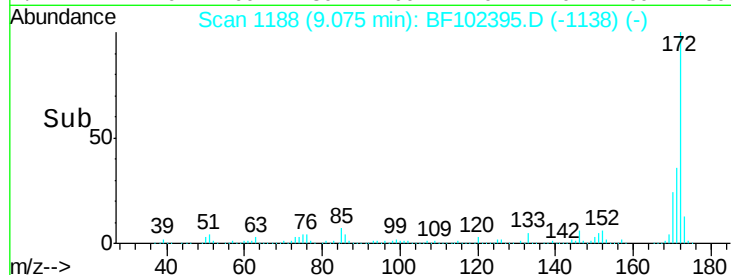
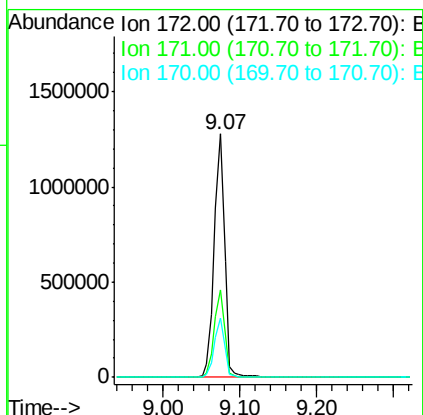
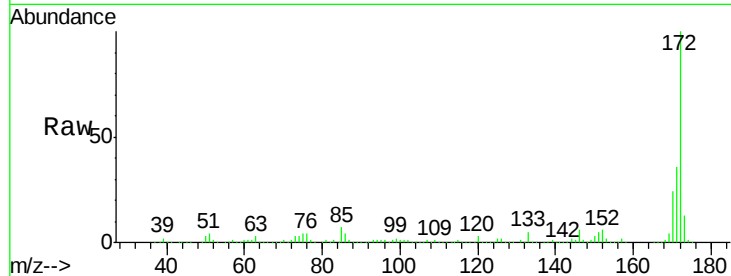




#44
2-Fluorobiphenyl
Concen: 64.590 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

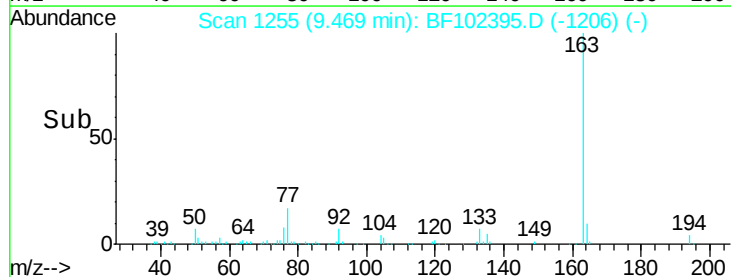
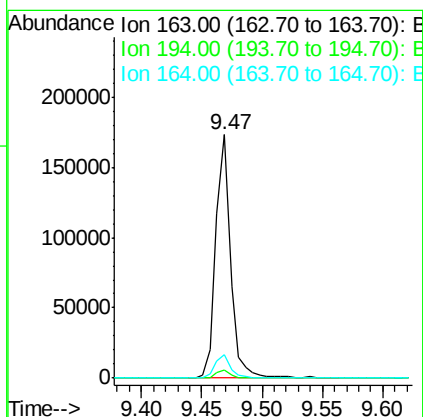
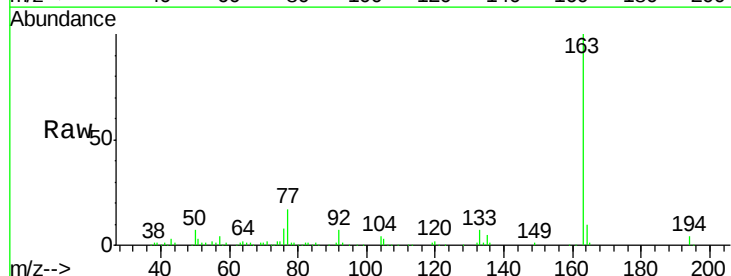
Instrument :
BNA_F
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AB-6(0-2)

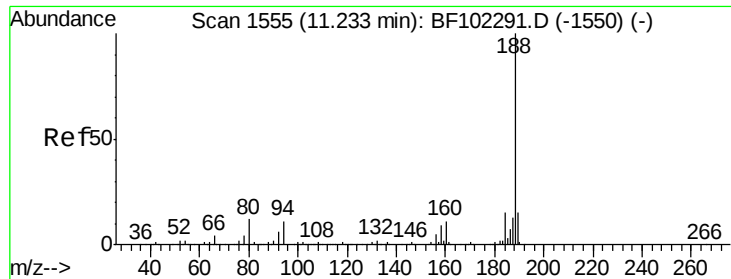
Tgt Ion:172 Resp: 1179413
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 6.603 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Tgt Ion:163 Resp: 146531
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

AB-6(0-2)

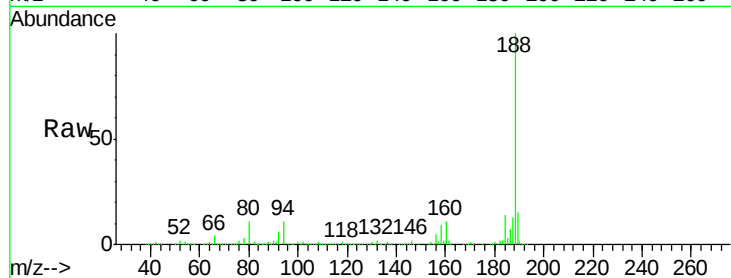
Tgt Ion:188 Resp: 408297

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

80 11.1 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

600000

500000

400000

300000

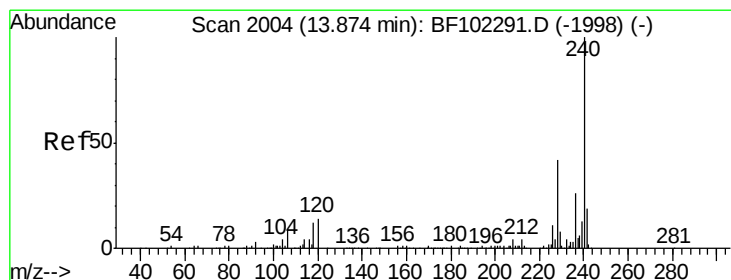
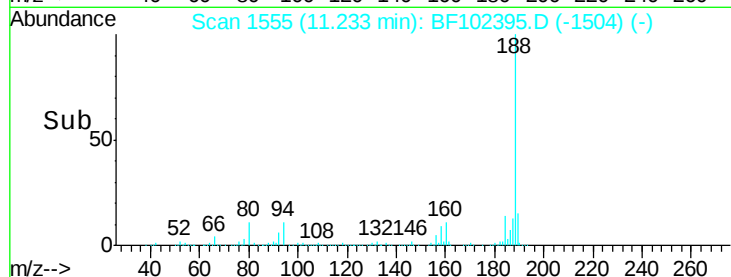
200000

100000

0

11.20 11.30

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

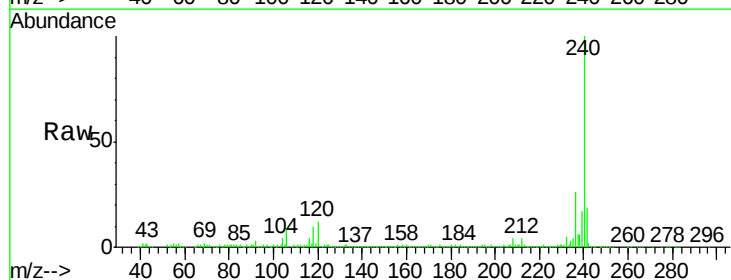
Tgt Ion:240 Resp: 269544

Ion Ratio Lower Upper

240 100

120 12.2 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

300000

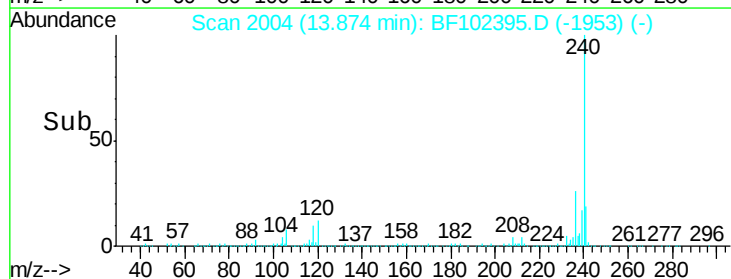
200000

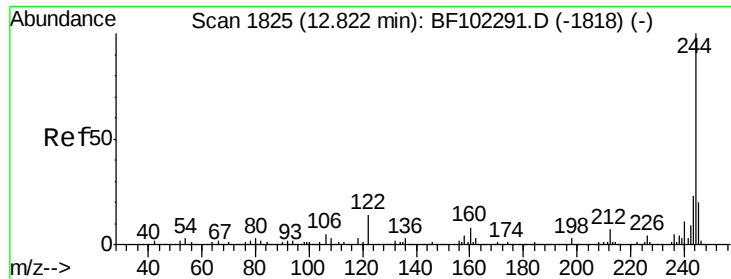
100000

0

13.80 13.90

Time-->

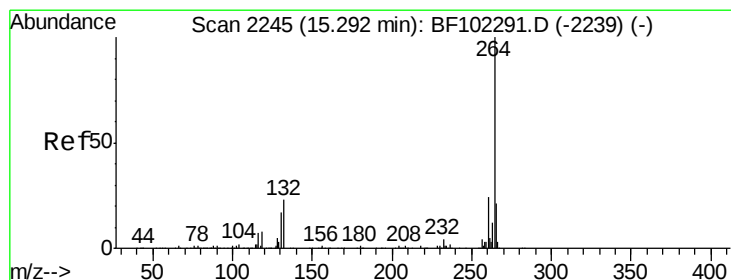
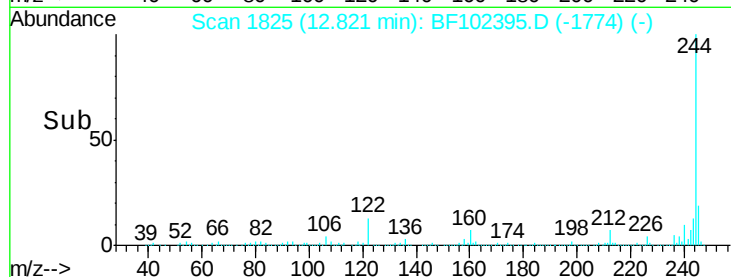
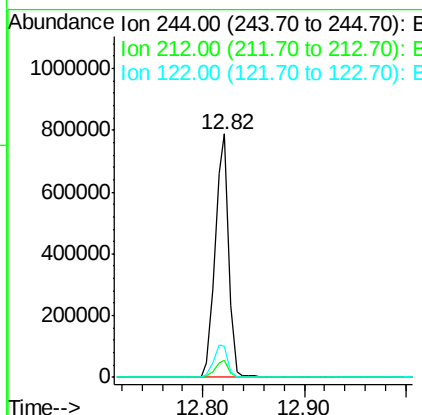
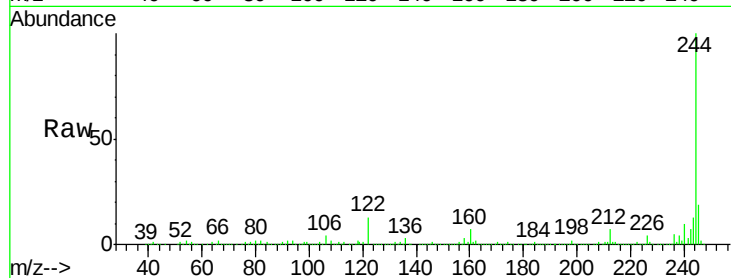




#78
 Terphenyl-d14
 Concen: 61.124 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102395.D
 Acq: 24 Jan 2018 17:51

Instrument :
 BNA_F
 ClientSampleId :
 AB-6(0-2)

Tgt Ion:244 Resp: 730838
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.6 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: BF102395.D
 Acq: 24 Jan 2018 17:51

Tgt Ion:264 Resp: 267452
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.5 26.3

