

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087194.D
 Acq On : 19 May 2016 18:38
 Operator : UM/SJ
 Sample : H3143-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-I-76(0-2)

Quant Time: May 20 03:26:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

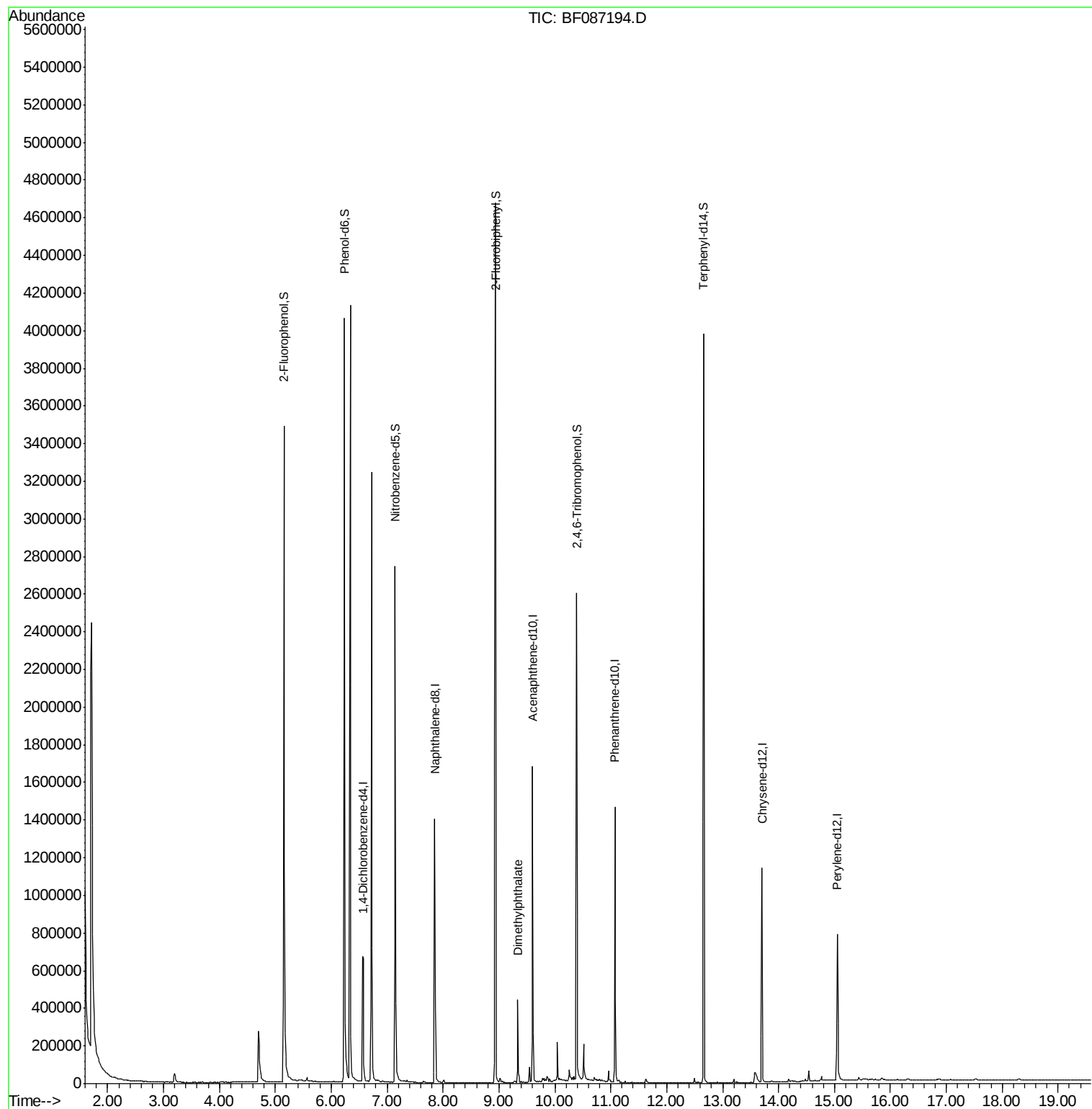
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	142994	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	613346	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	301131	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	537185	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	384472	20.00	ng	-0.01
86) Perylene-d12	15.05	264	319410	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	962440	113.13	ng	0.01
7) Phenol-d6	6.24	99	1454704	127.49	ng	0.00
23) Nitrobenzene-d5	7.14	82	889027	72.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	326255	98.04	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1462968	80.46	ng	0.00
78) Terphenyl-d14	12.66	244	1192696	70.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.34	163	156885	6.83	ng	Qvalue 99

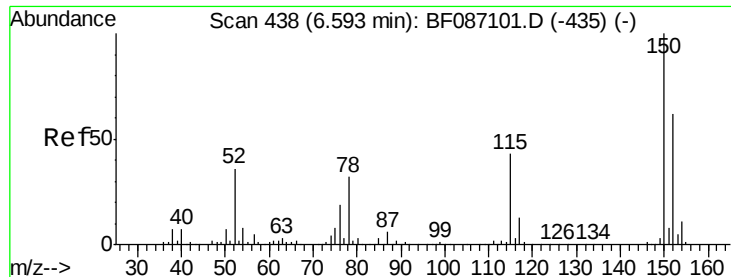
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

6-I-76(0-2)

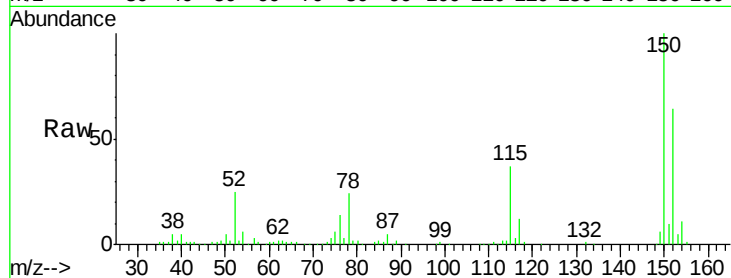
Tgt Ion:152 Resp: 142994

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

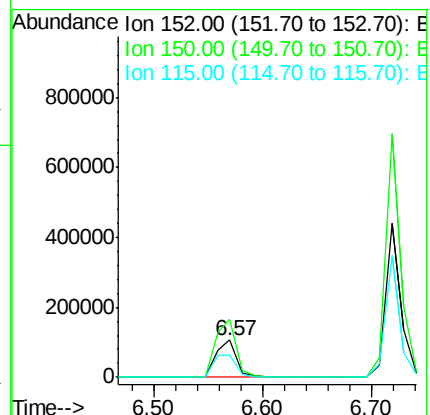
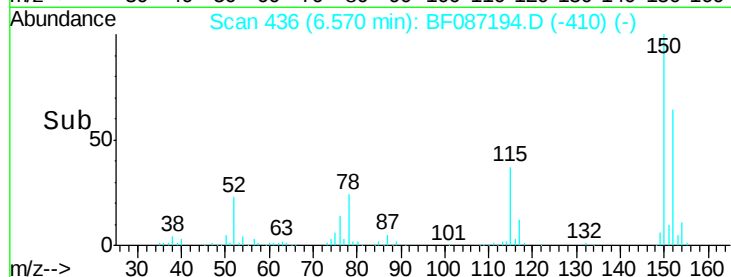
115 58.5 51.5 77.3



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: 113.13 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

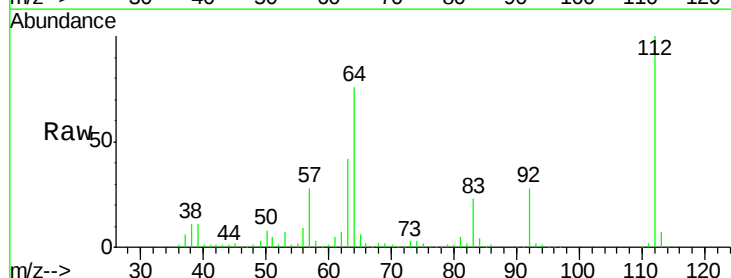
Tgt Ion:112 Resp: 962440

Ion Ratio Lower Upper

112 100

64 76.5 52.1 78.1

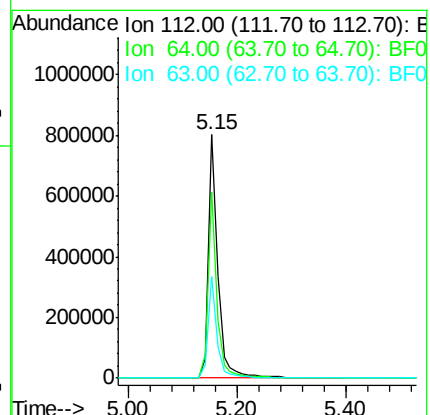
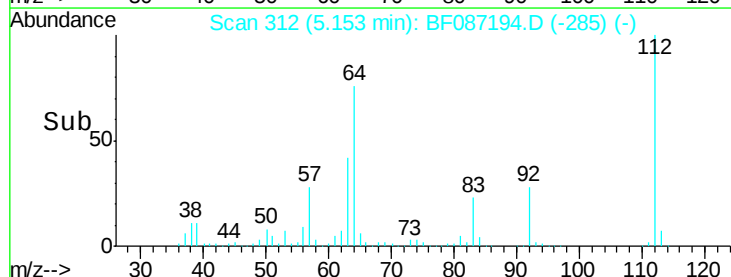
63 41.8 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.49 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

6-I-76(0-2)

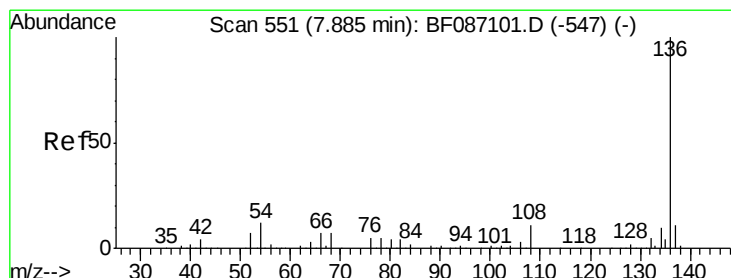
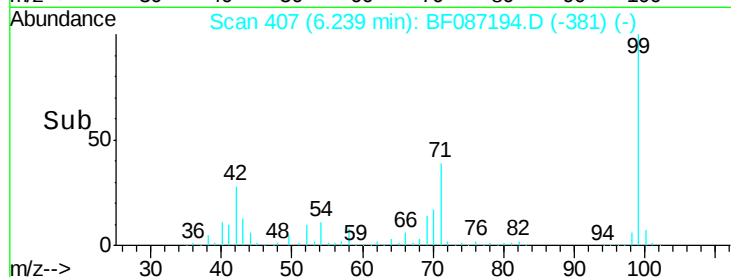
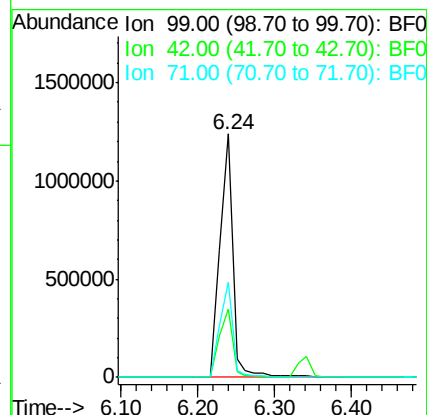
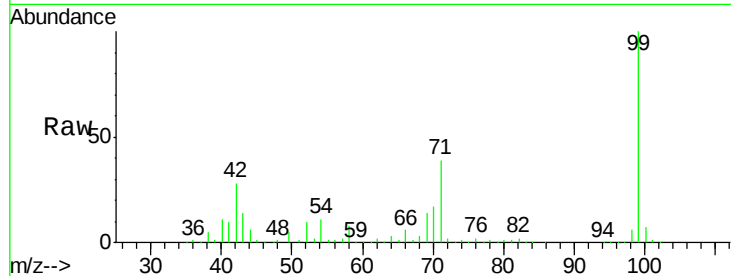
Tgt Ion: 99 Resp: 1454704

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

71 39.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

Tgt Ion: 136 Resp: 613346

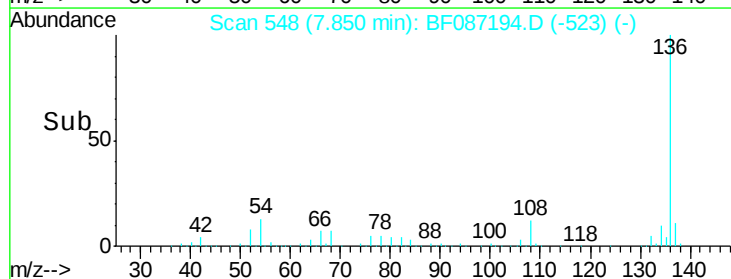
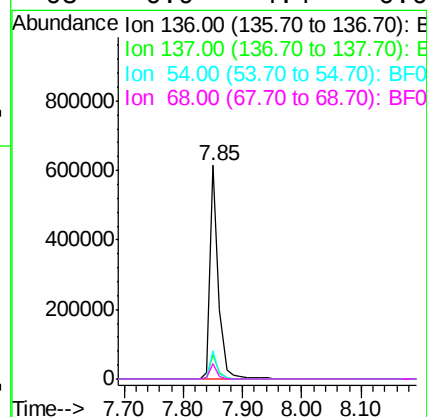
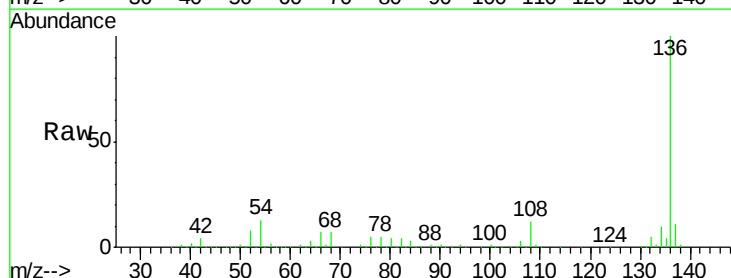
Ion Ratio Lower Upper

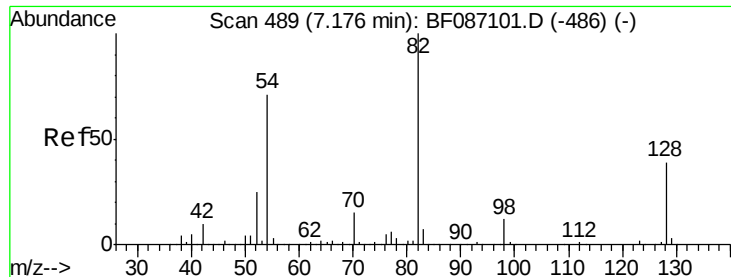
136 100

137 11.3 8.8 13.2

54 13.3 5.0 7.4#

68 6.9 4.4 6.6#

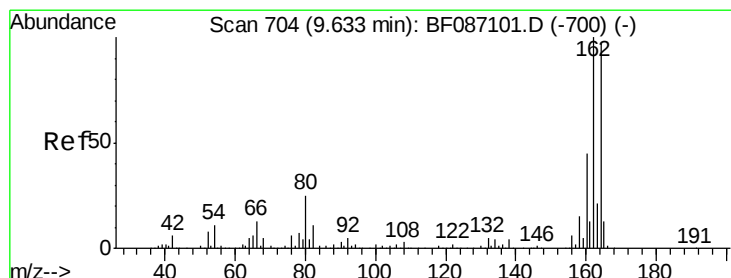
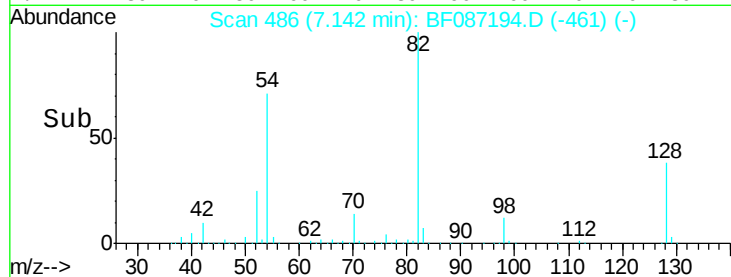
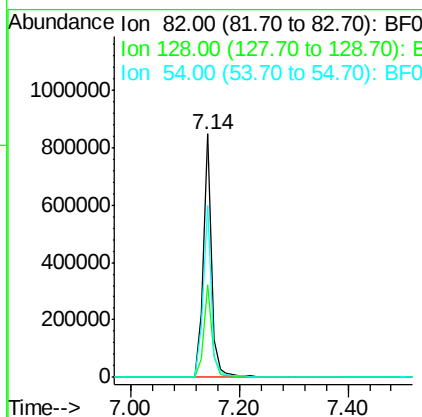
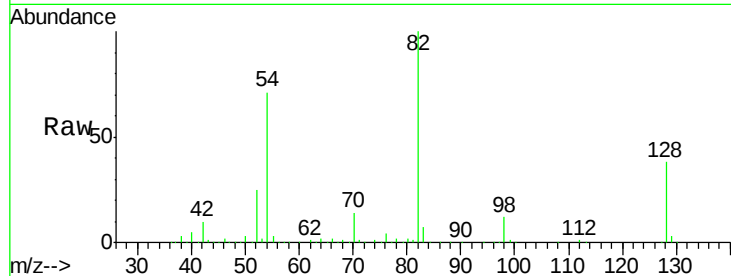




#23
Nitrobenzene-d5
Concen: 72.24 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF087194.D
Acq: 19 May 2016 18:38

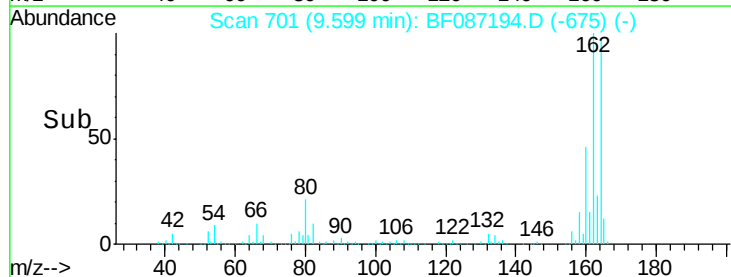
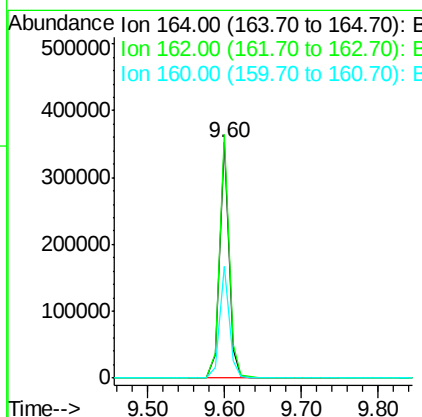
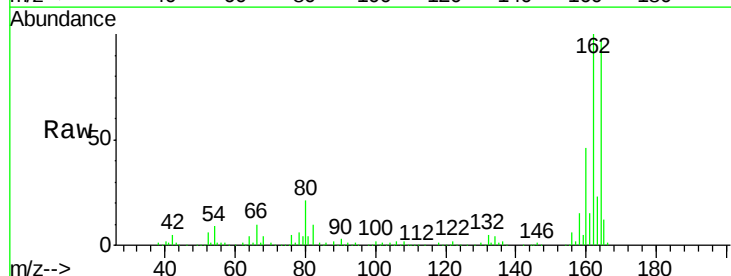
Instrument :
BNA_F
ClientSampleId :
6-I-76(0-2)

Tgt Ion: 82 Resp: 889027
Ion Ratio Lower Upper
82 100
128 37.8 40.6 61.0#
54 70.9 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF087194.D
Acq: 19 May 2016 18:38

Tgt Ion: 164 Resp: 301131
Ion Ratio Lower Upper
164 100
162 103.4 82.8 124.2
160 47.3 36.9 55.3

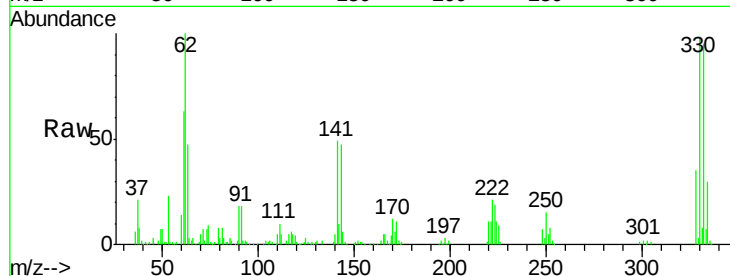




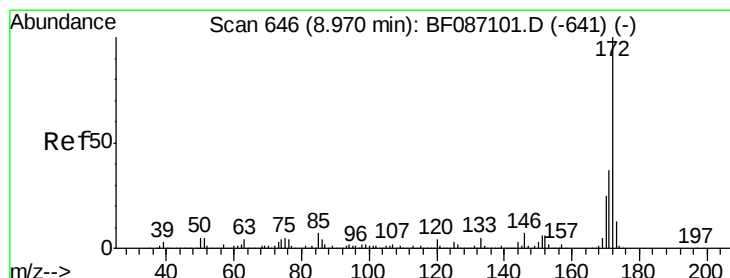
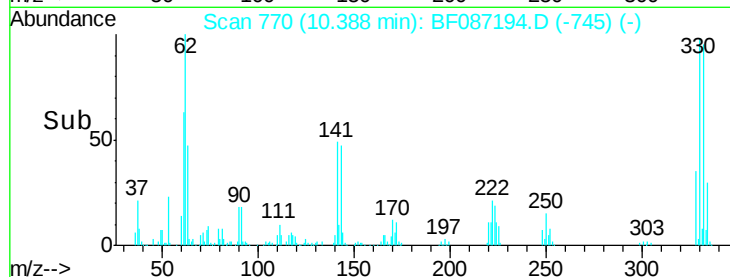
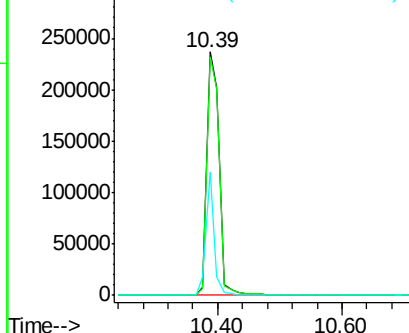
#41
 2,4,6-Tribromophenol
 Concen: 98.04 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF087194.D
 Acq: 19 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 6-I-76(0-2)

Tgt Ion:330 Resp: 326255
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 34.4 31.2 46.8

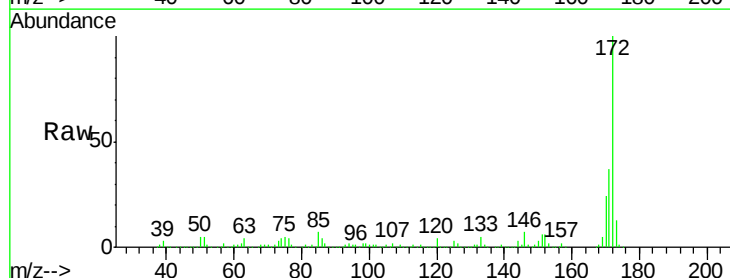


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

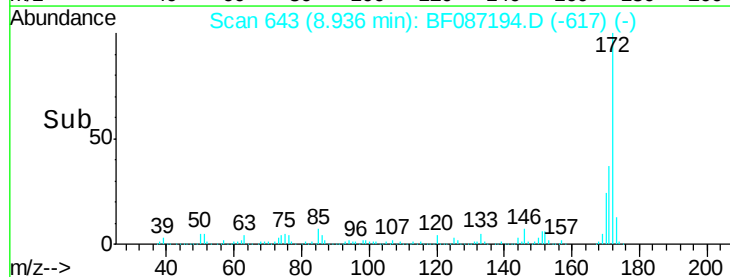
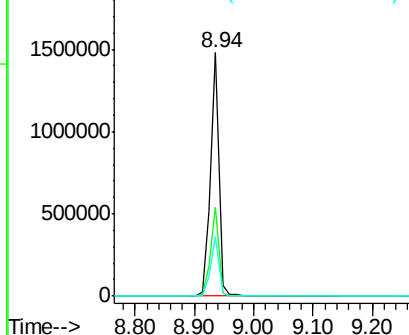


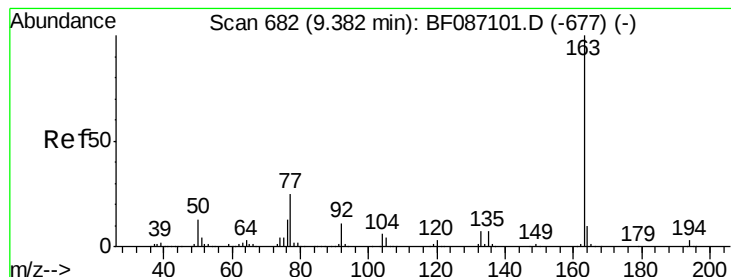
#44
 2-Fluorobiphenyl
 Concen: 80.46 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087194.D
 Acq: 19 May 2016 18:38

Tgt Ion:172 Resp: 1462968
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 19.8 29.8



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: 6.83 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

6-I-76(0-2)

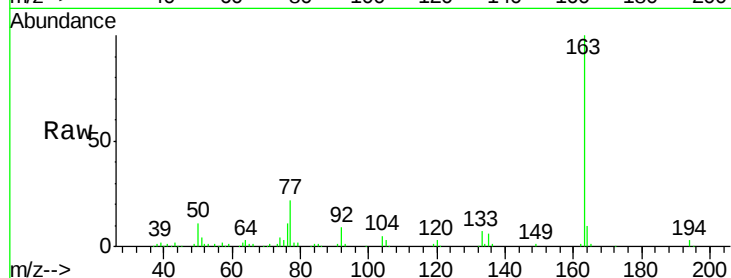
Tgt Ion:163 Resp: 156885

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

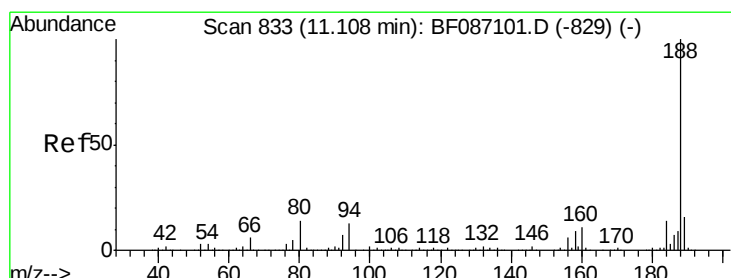
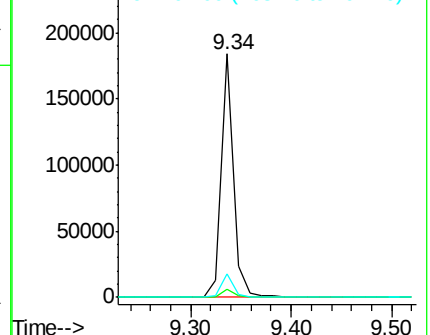
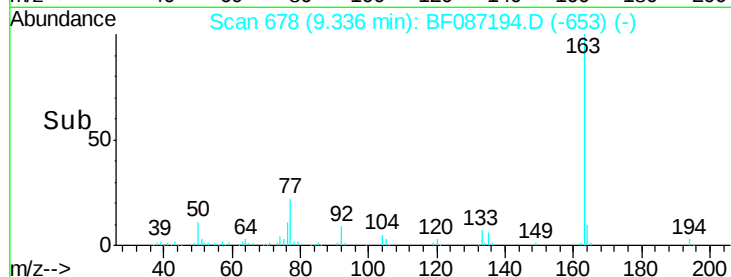
164 9.9 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

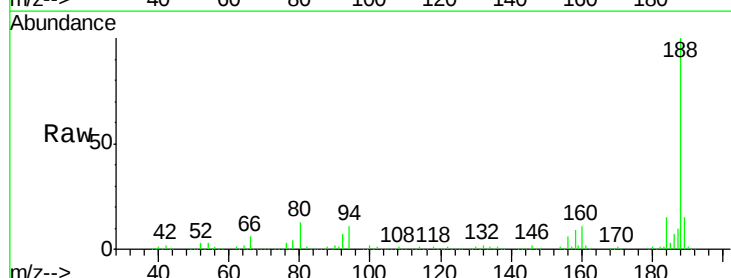
Tgt Ion:188 Resp: 537185

Ion Ratio Lower Upper

188 100

94 11.4 6.8 10.2#

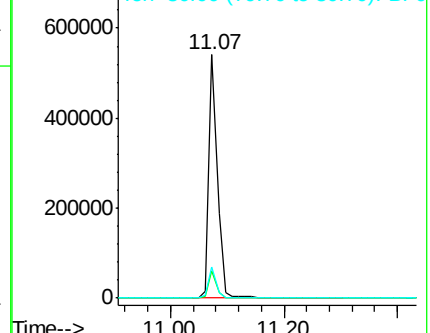
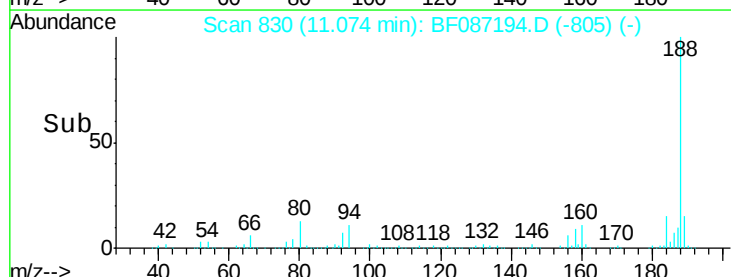
80 13.0 7.1 10.7#

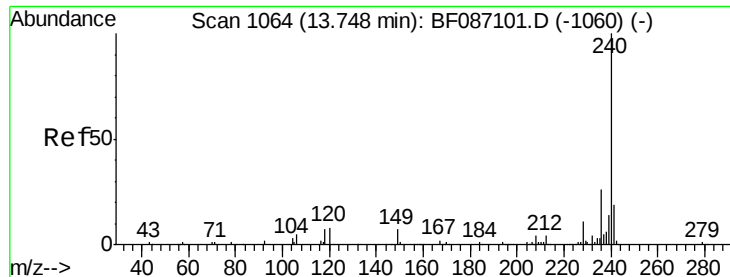


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

Instrument :

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ClientSampleId :

6-I-76(0-2)

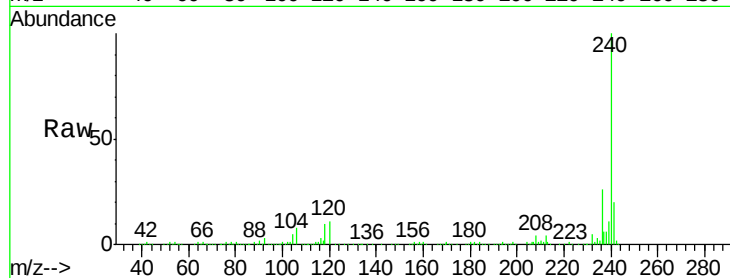
Tgt Ion:240 Resp: 384472

Ion Ratio Lower Upper

240 100

120 11.0 11.2 16.8#

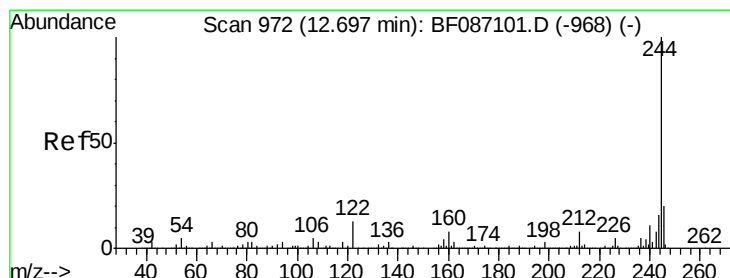
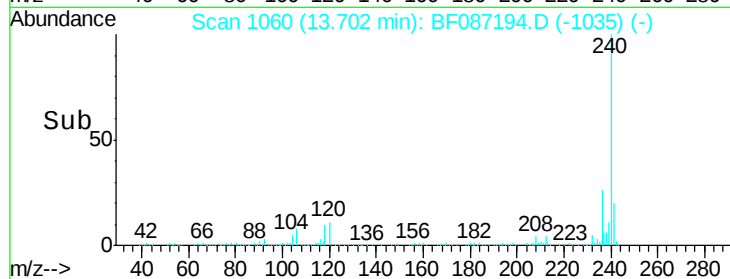
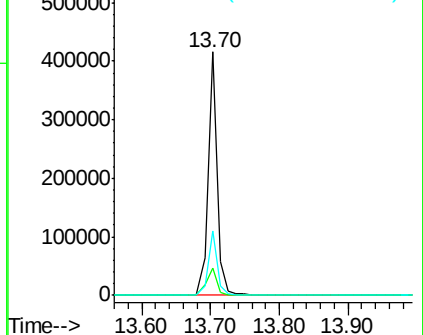
236 26.2 21.2 31.8



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: 70.17 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF087194.D

Acq: 19 May 2016 18:38

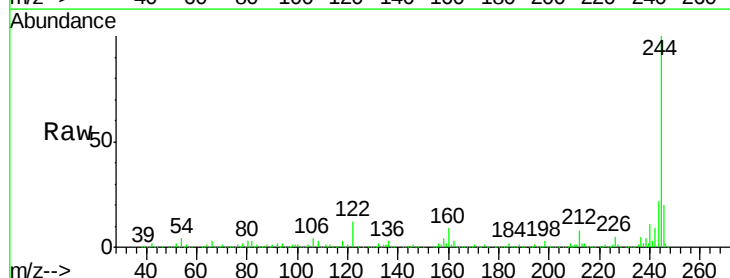
Tgt Ion:244 Resp: 1192696

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

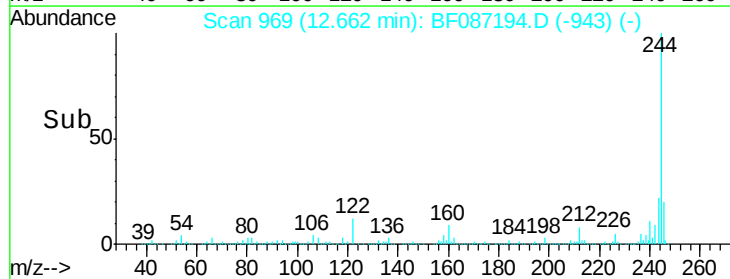
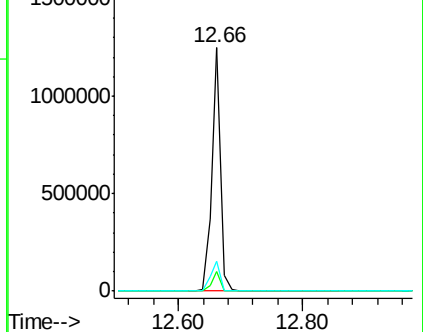
122 12.3 12.0 18.0

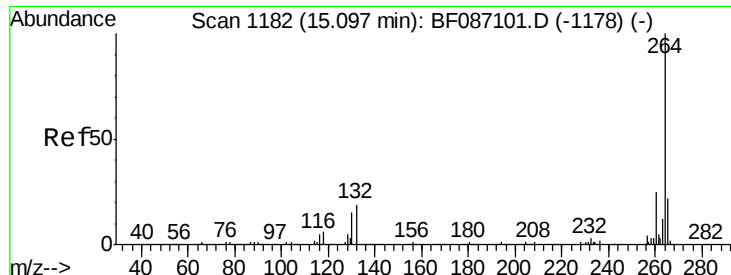


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

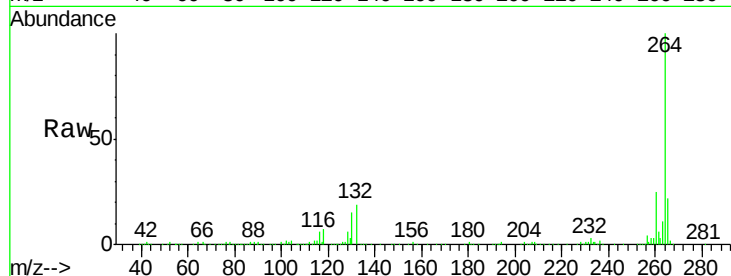




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF087194.D
 Acq: 19 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 6-I-76(0-2)

Tgt Ion:	264	Resp:	319410
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.1	17.3	25.9



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

