

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091193.D
 Acq On : 16 Nov 2016 17:37
 Operator : UM/SJ
 Sample : H5636-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Quant Time: Nov 17 00:30:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

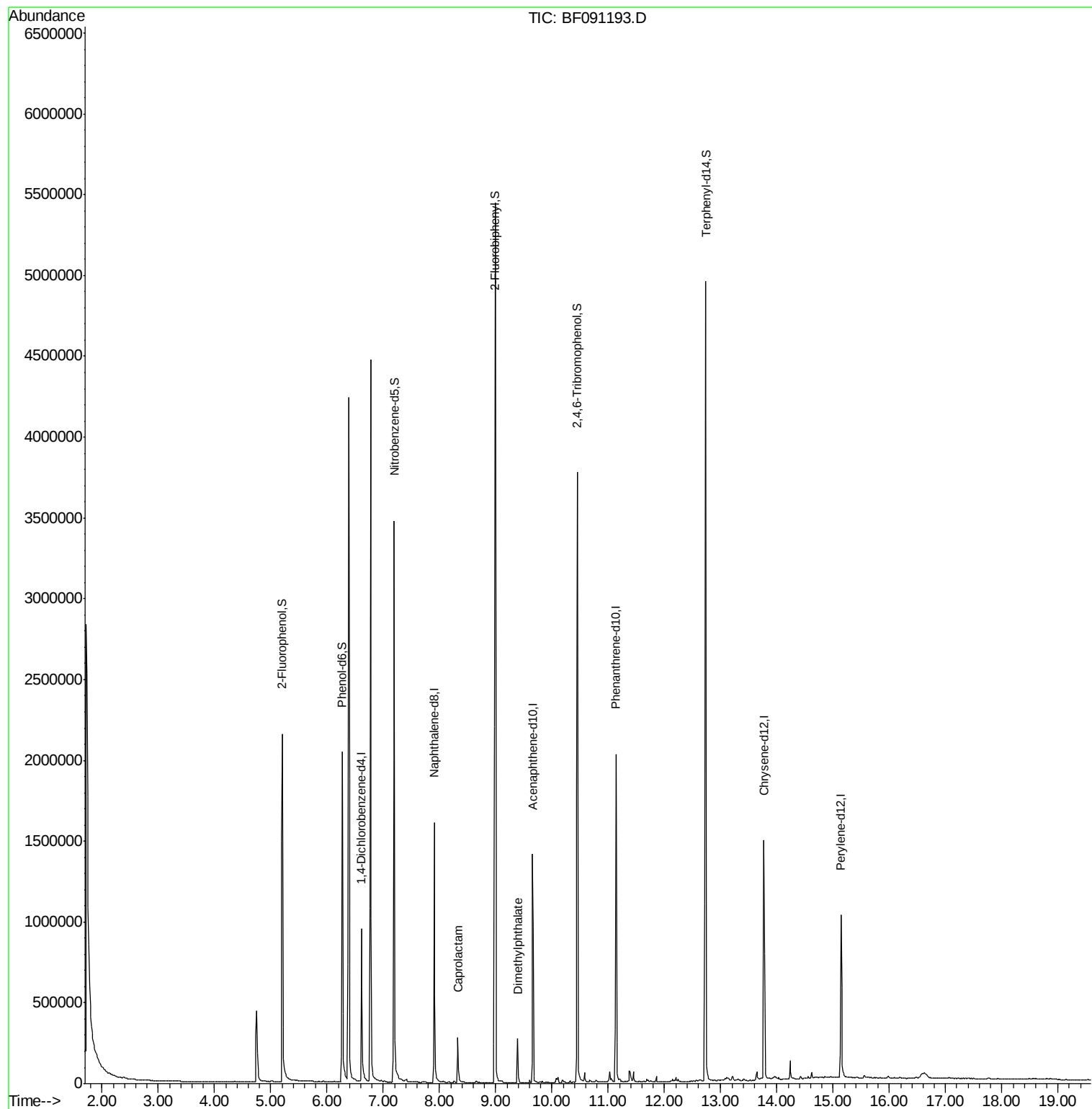
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	194709	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	827181	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	417853	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	744845	20.00	ng	0.00
75) Chrysene-d12	13.77	240	577447	20.00	ng	-0.01
86) Perylene-d12	15.14	264	439423	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	899386	76.29	ng	0.01
7) Phenol-d6	6.27	99	753835	47.11	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1565360	103.23	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	589211	155.97	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2242090	92.38	ng	0.00
78) Terphenyl-d14	12.74	244	2594077	112.10	ng	0.01
Target Compounds						
35) Caprolactam	8.33	113	40134	12.49	ng	Qvalue # 81
49) Dimethylphthalate	9.39	163	118214	4.31	ng	98

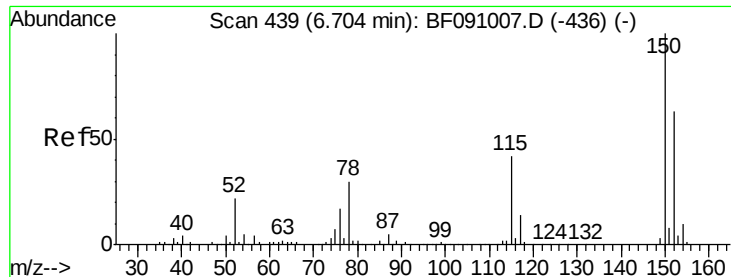
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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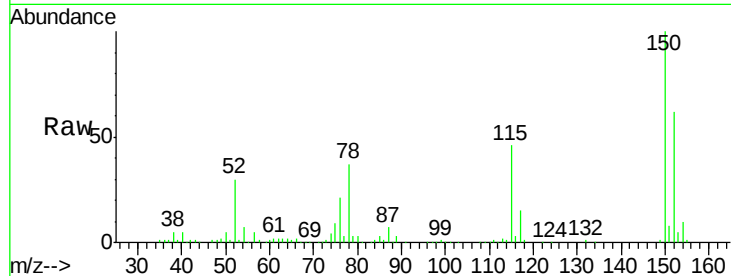


#1

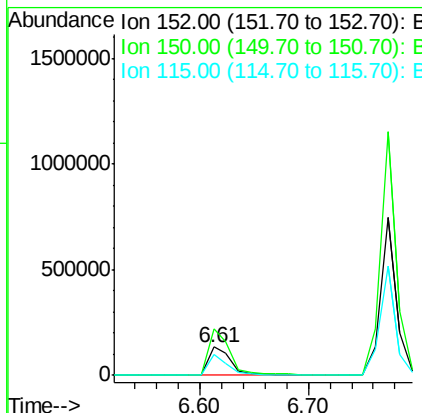
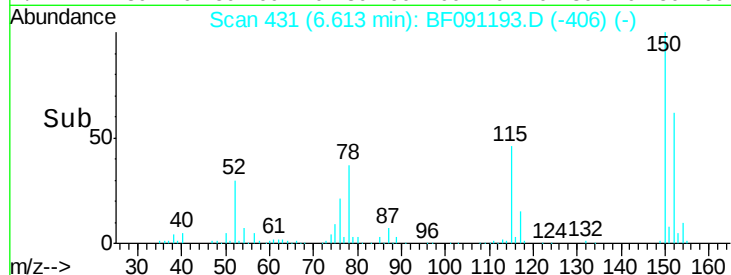
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:152 Resp: 194709
Ion Ratio Lower Upper
152 100
150 162.3 126.8 190.2
115 75.2 53.3 79.9



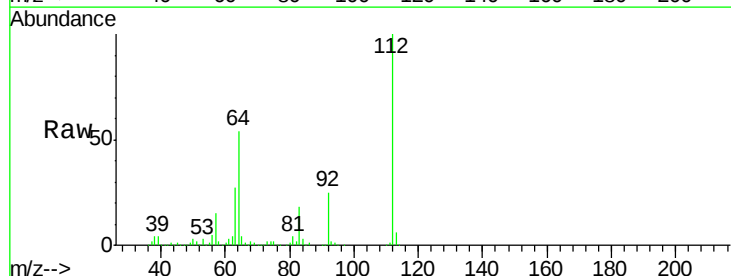
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



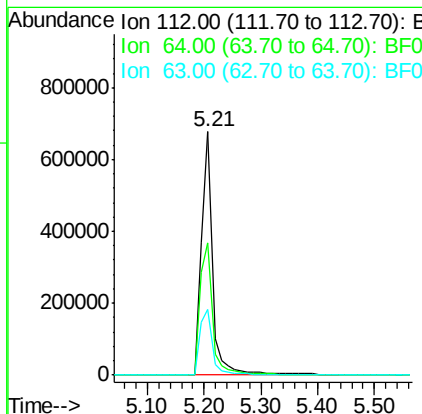
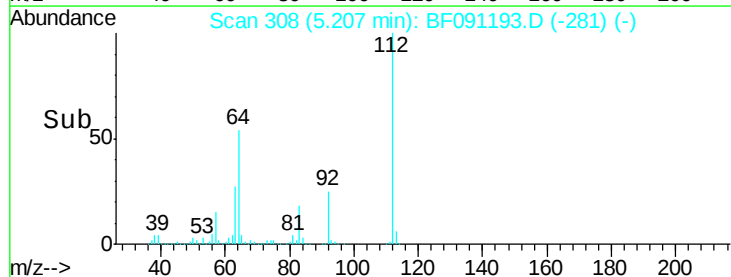
#5

2-Fluorophenol
Concen: 76.29 ng
RT: 5.21 min Scan# 308
Delta R.T. 0.01 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:112 Resp: 899386
Ion Ratio Lower Upper
112 100
64 54.3 55.8 83.6#
63 27.1 28.0 42.0#



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: 47.11 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091193.D

Acq: 16 Nov 2016 17:37

Instrument :

BNA_F

ClientSampleId :

CPS073041

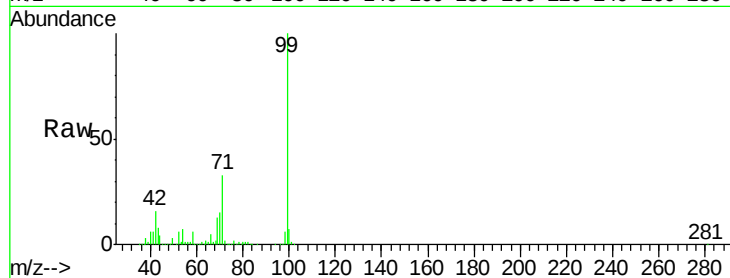
Tgt Ion: 99 Resp: 753835

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

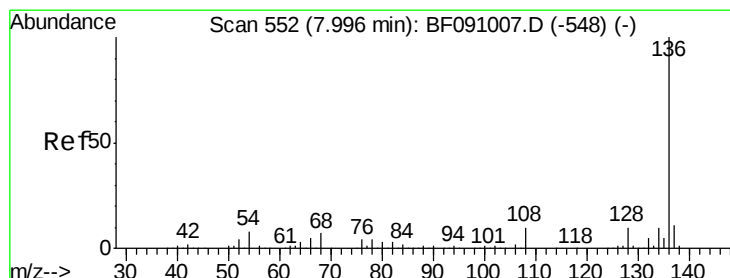
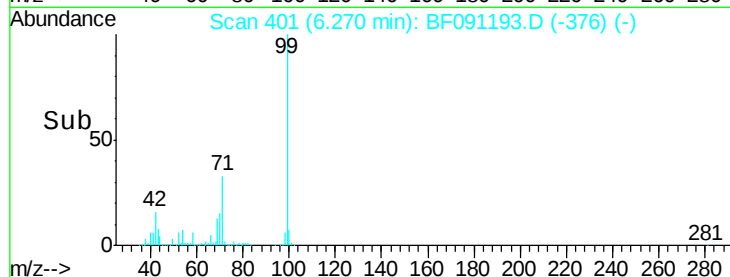
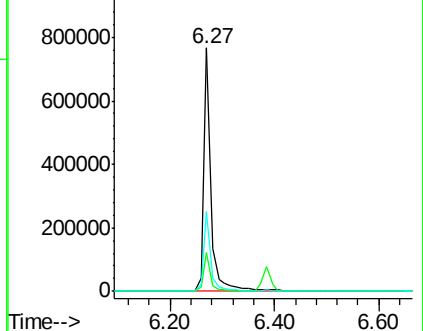
71 32.8 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091193.D

Acq: 16 Nov 2016 17:37

Tgt Ion: 136 Resp: 827181

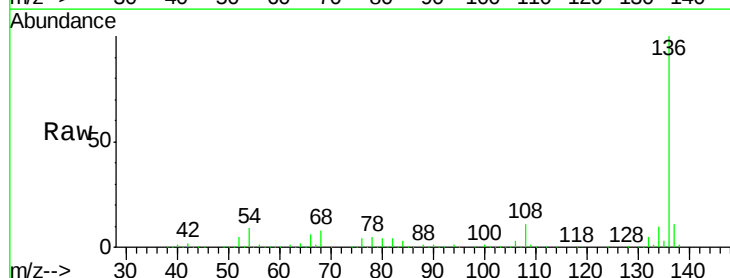
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.5 6.2 9.2#

68 8.2 5.5 8.3

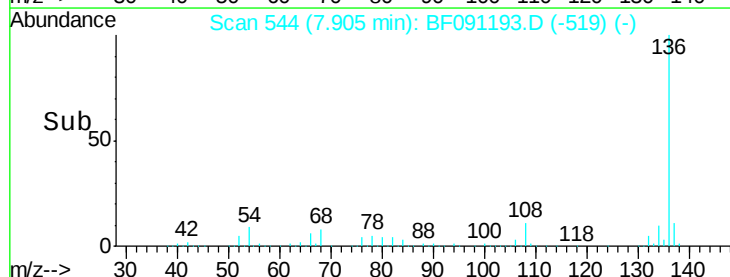
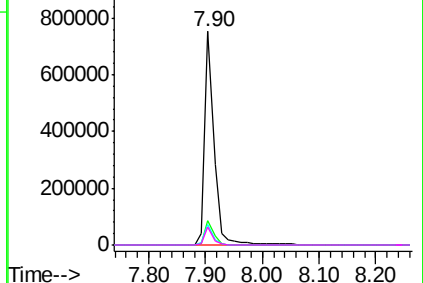


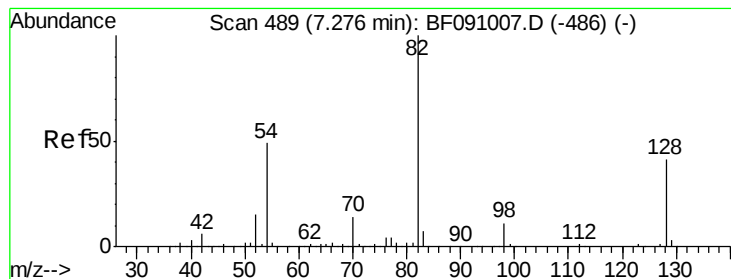
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 103.23 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF091193.D

Acq: 16 Nov 2016 17:37

Instrument :

BNA_F

ClientSampleId :

CPS073041

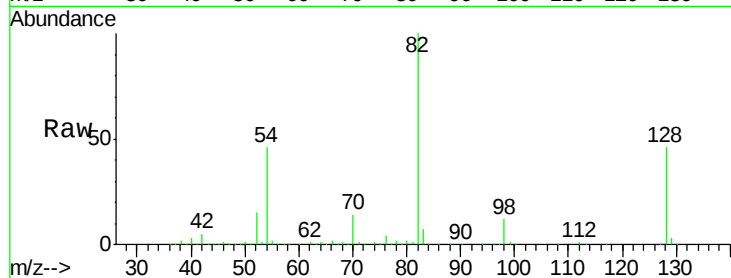
Tgt Ion: 82 Resp: 1565360

Ion Ratio Lower Upper

82 100

128 46.5 32.4 48.6

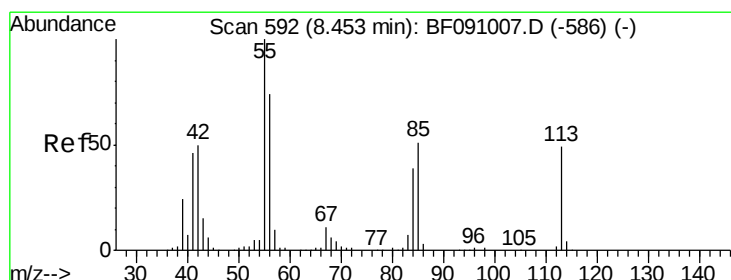
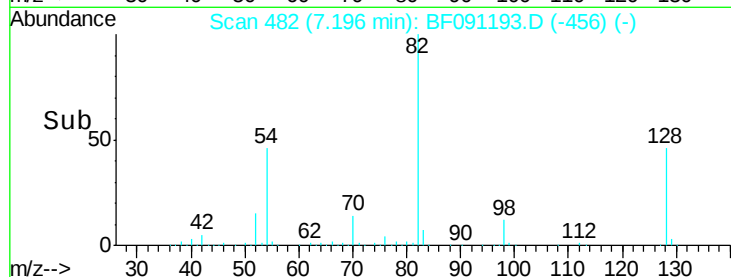
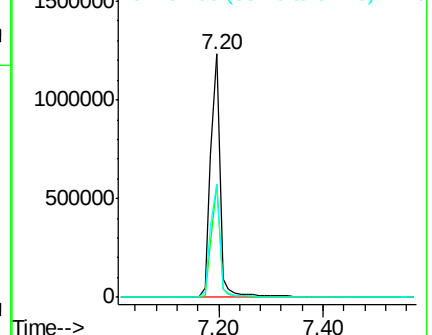
54 46.4 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#35

Caprolactam

Concen: 12.49 ng

RT: 8.33 min Scan# 581

Delta R.T. -0.07 min

Lab File: BF091193.D

Acq: 16 Nov 2016 17:37

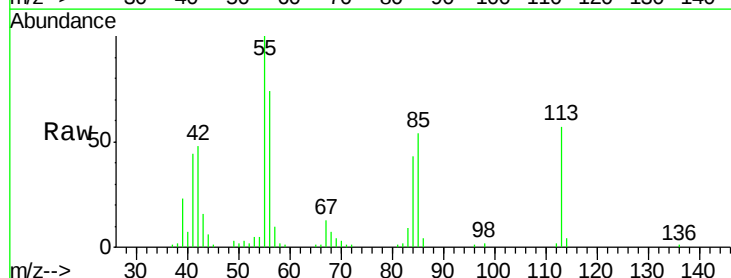
Tgt Ion: 113 Resp: 40134

Ion Ratio Lower Upper

113 100

55 174.1 184.1 224.1#

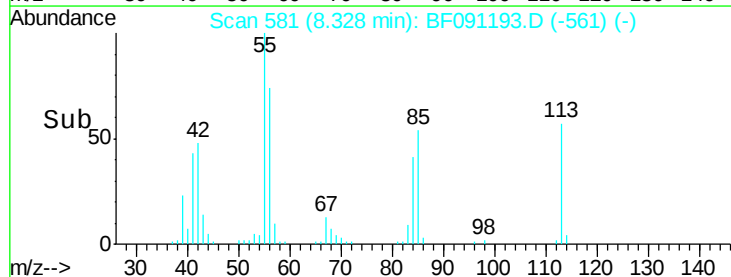
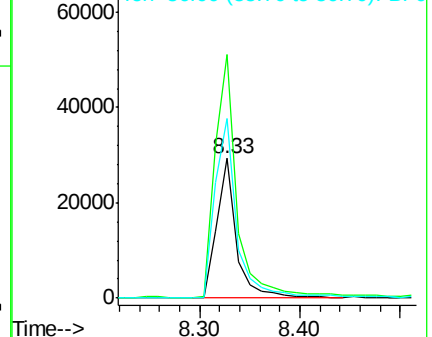
56 128.1 132.0 172.0#

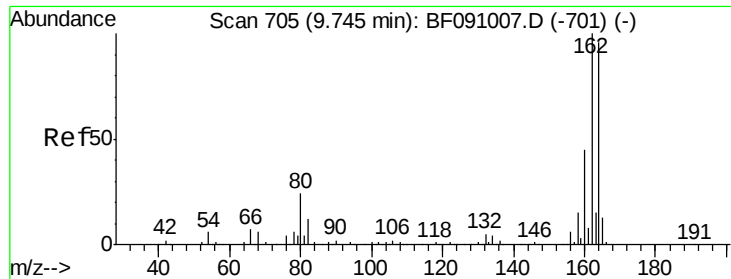


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

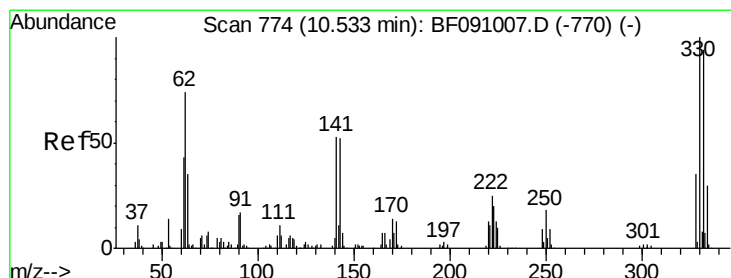
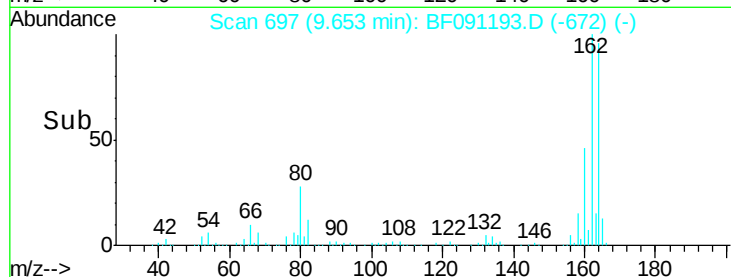
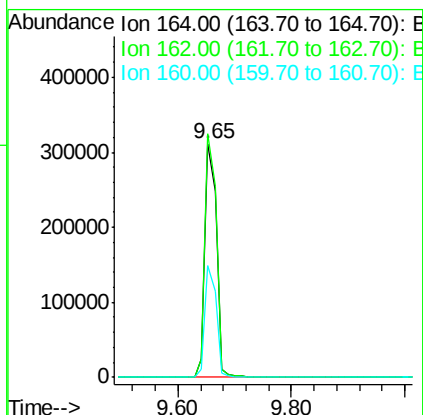
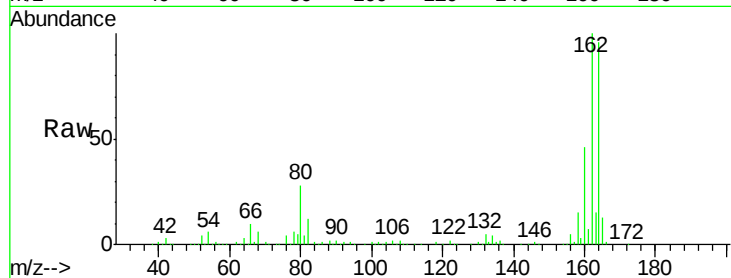




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

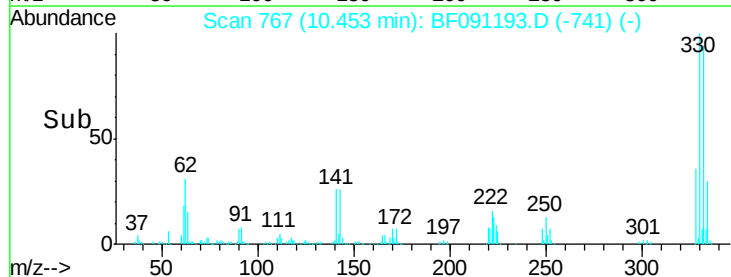
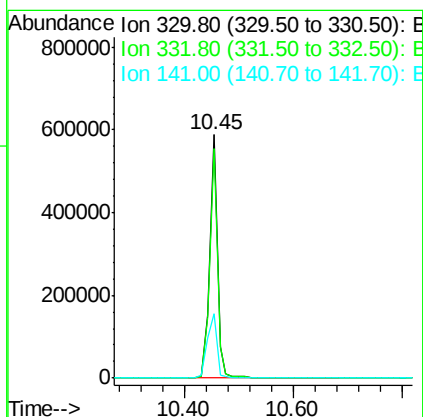
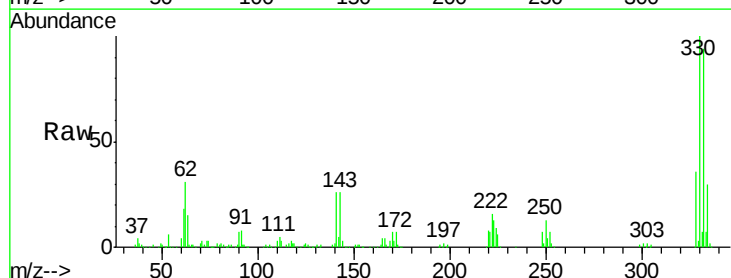
Instrument :
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CPS073041

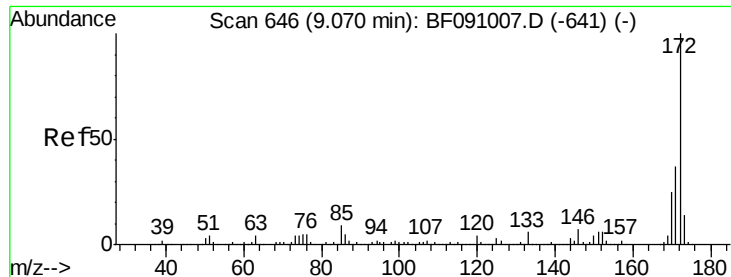
Tgt Ion:164 Resp: 417853
Ion Ratio Lower Upper
164 100
162 104.3 83.6 125.4
160 47.7 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 155.97 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:330 Resp: 589211
Ion Ratio Lower Upper
330 100
332 95.2 75.9 113.9
141 32.6 36.1 54.1#

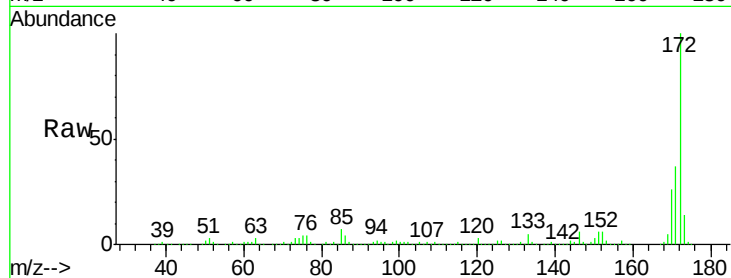




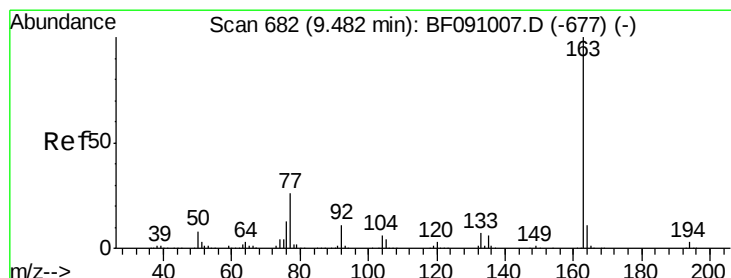
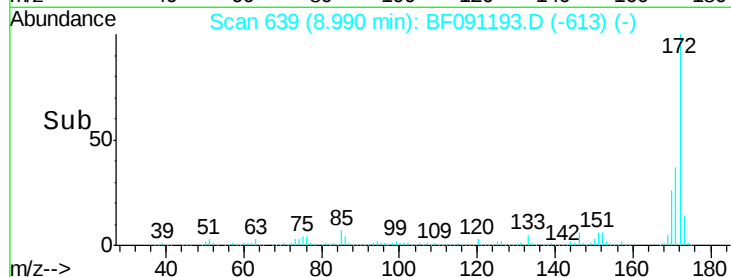
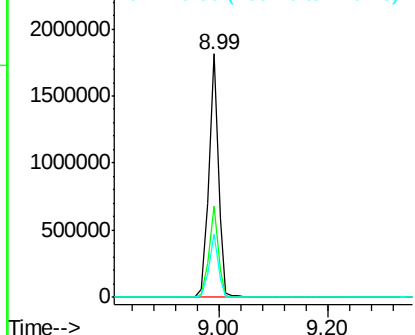
#44
 2-Fluorobiphenyl
 Concen: 92.38 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091193.D
 Acq: 16 Nov 2016 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Tgt Ion:172 Resp: 2242090
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.8 20.3 30.5

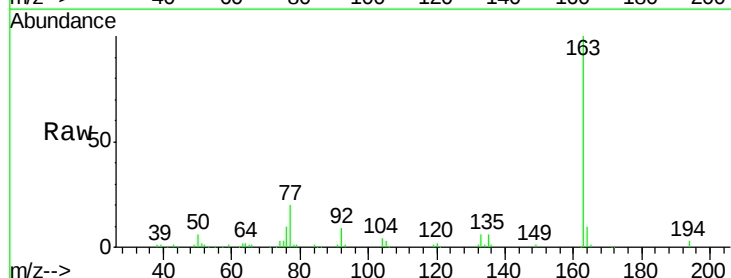


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

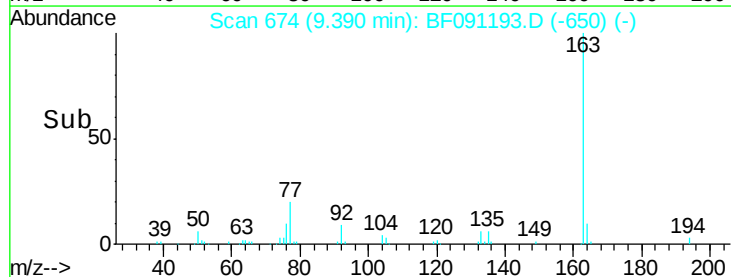
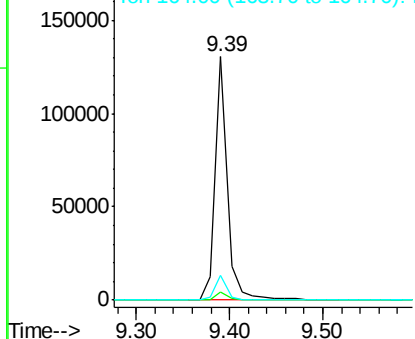


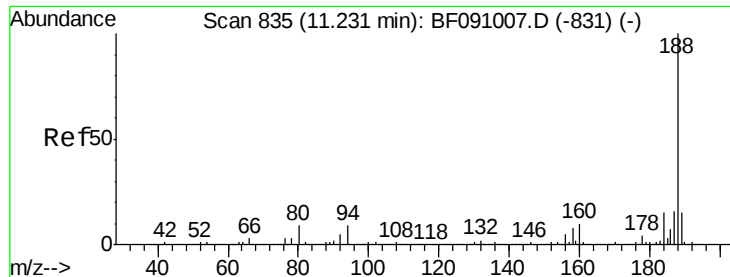
#49
 Dimethylphthalate
 Concen: 4.31 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF091193.D
 Acq: 16 Nov 2016 17:37

Tgt Ion:163 Resp: 118214
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.0 8.7 13.1



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

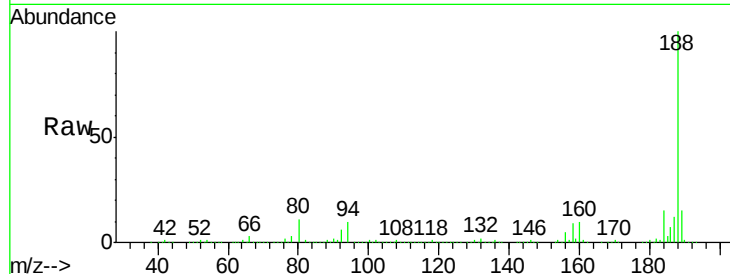




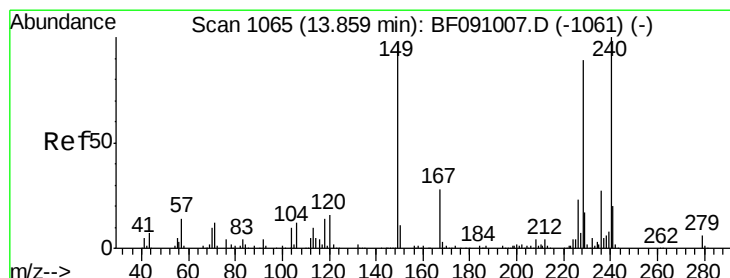
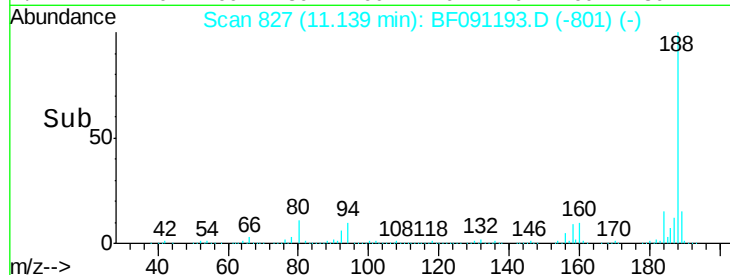
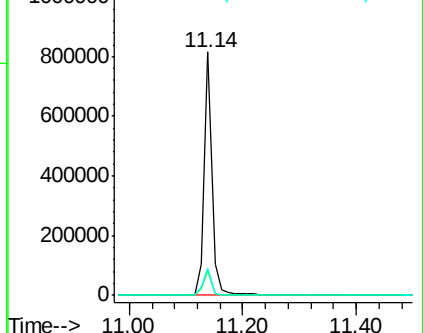
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:188 Resp: 744845
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 11.0 7.5 11.3

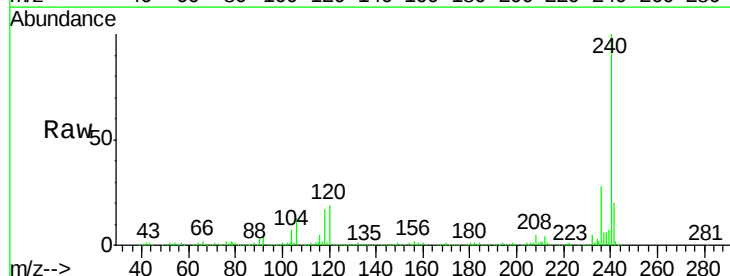


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

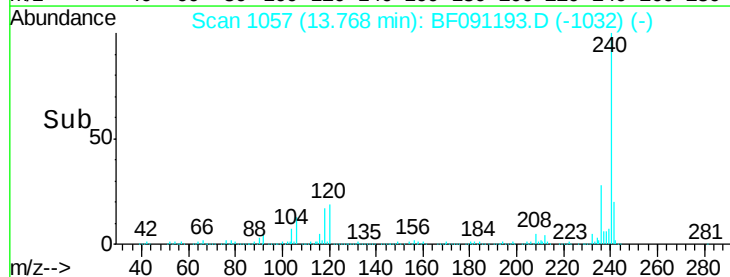
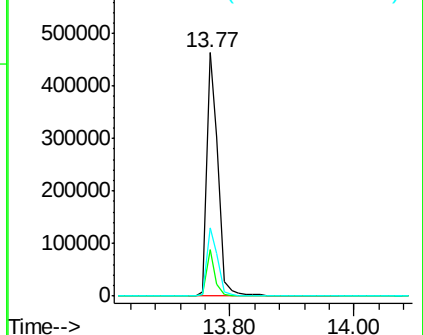


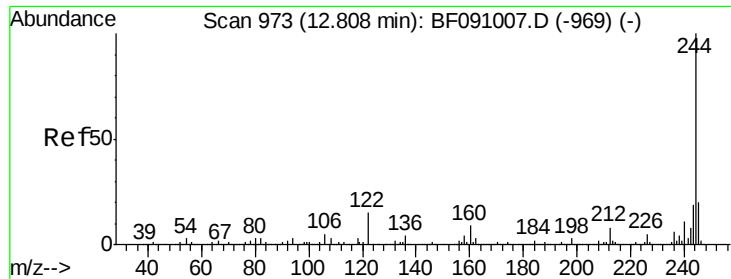
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:240 Resp: 577447
Ion Ratio Lower Upper
240 100
120 18.9 12.9 19.3
236 28.2 21.9 32.9



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

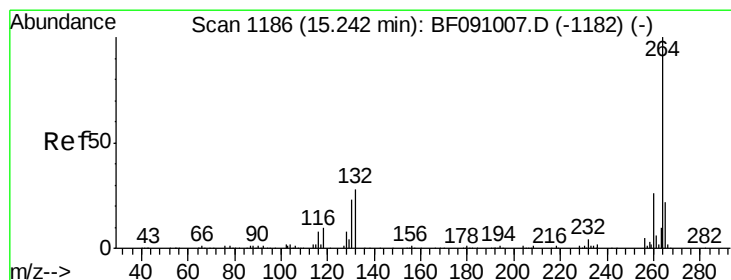
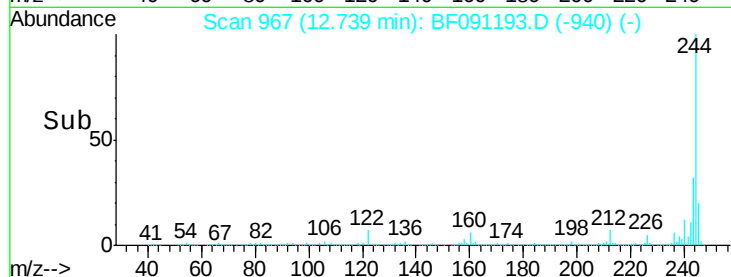
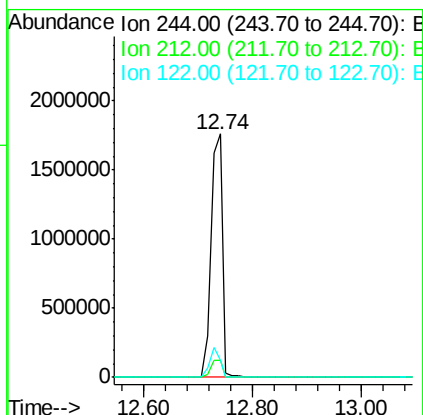
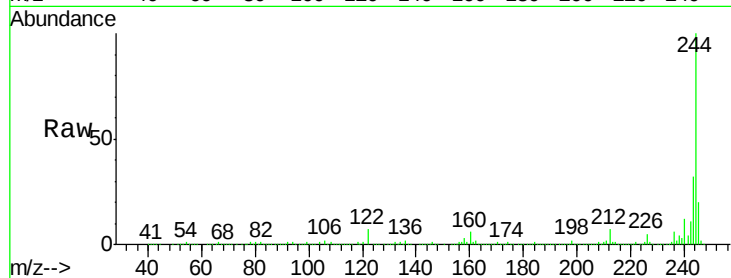




#78
 Terphenyl-d14
 Concen: 112.10 ng
 RT: 12.74 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF091193.D
 Acq: 16 Nov 2016 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Tgt Ion:244 Resp: 2594077
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 7.1 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091193.D
 Acq: 16 Nov 2016 17:37

Tgt Ion:264 Resp: 439423
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 30.8
 265 22.3 17.8 26.8

