

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091175.D
 Acq On : 15 Nov 2016 13:02
 Operator : UM/SJ
 Sample : H5636-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Quant Time: Nov 16 00:51:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

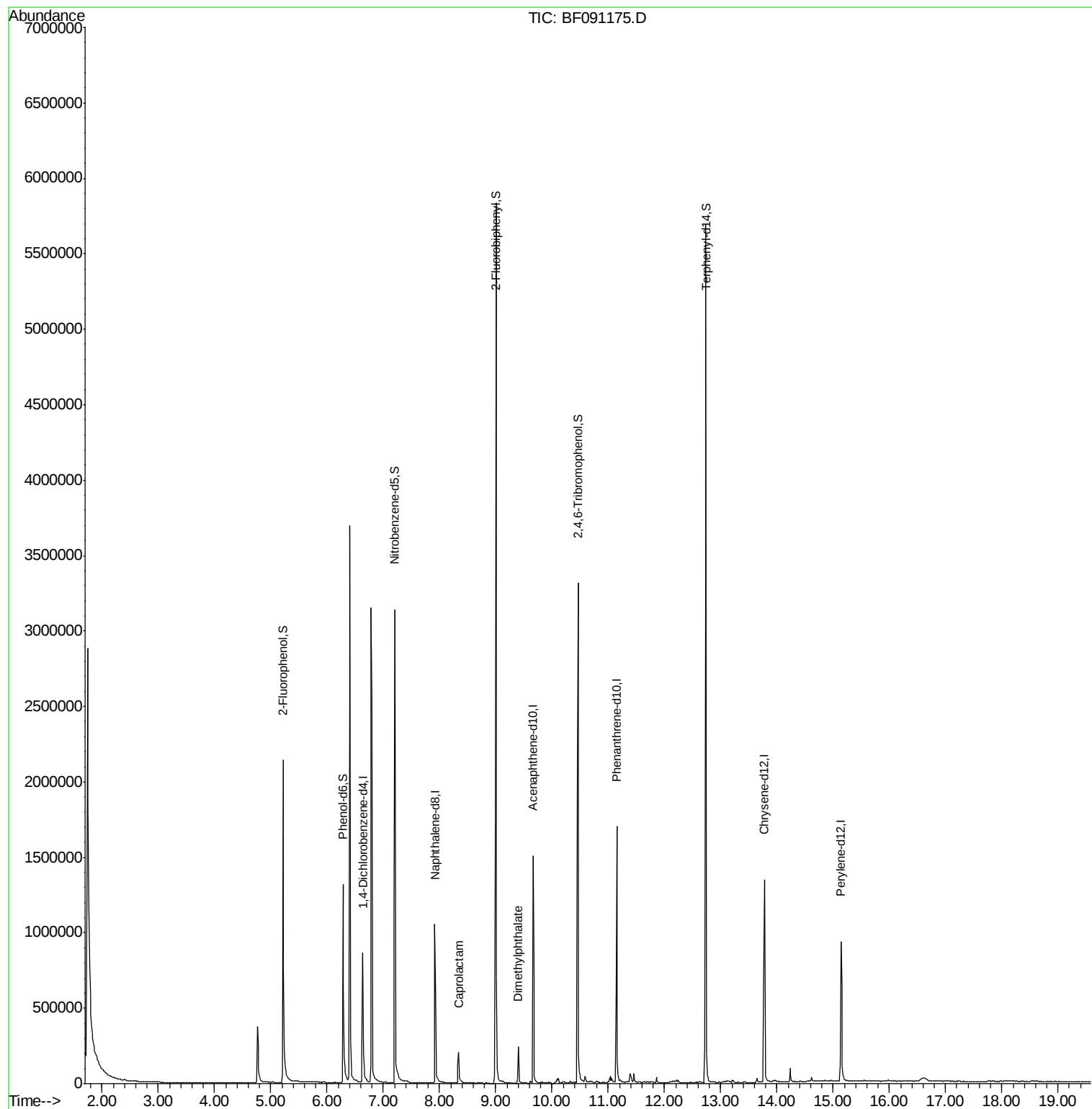
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	160341	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	687905	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	365034	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	676183	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	576096	20.00	ng	-0.03
86) Perylene-d12	15.14	264	453493	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	729206	75.11	ng	-0.02
7) Phenol-d6	6.28	99	608146	46.15	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1272074	100.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	559088	169.41	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1945208	91.74	ng	-0.03
78) Terphenyl-d14	12.74	244	2154917	93.34	ng	-0.02
Target Compounds						
35) Caprolactam	8.34	113	31819	11.91	ng	Qvalue # 80
49) Dimethylphthalate	9.40	163	101838	4.25	ng	98

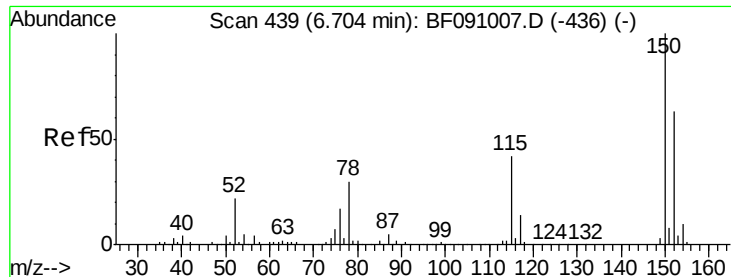
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

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BNA_F

ClientSampleId :

CPS073041

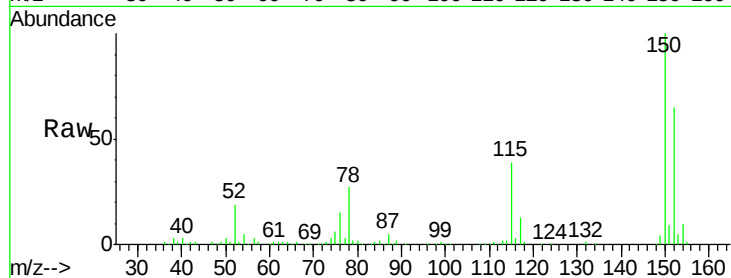
Tot Ion:152 Resp: 160341

Ion Ratio Lower Upper

152 100

150 154.4 126.8 190.2

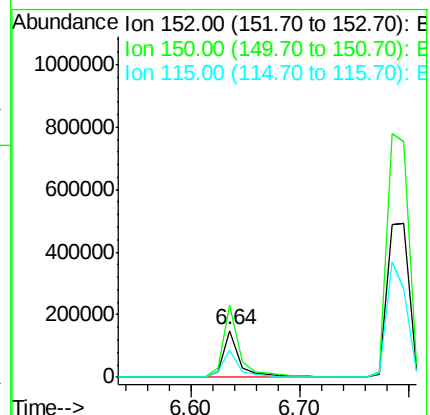
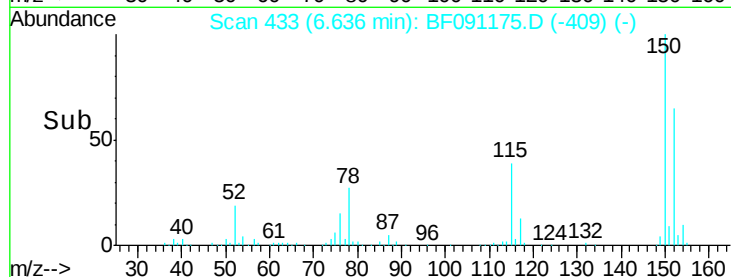
115 59.8 53.3 79.9



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: 75.11 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

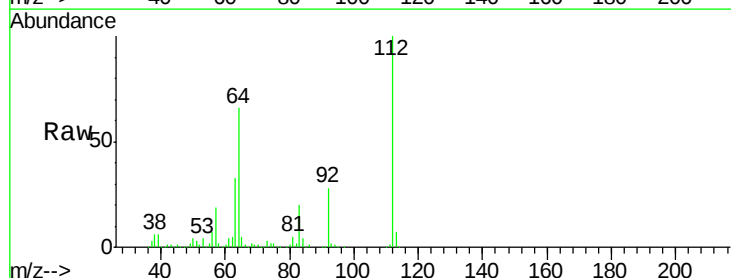
Tgt Ion:112 Resp: 729206

Ion Ratio Lower Upper

112 100

64 65.9 55.8 83.6

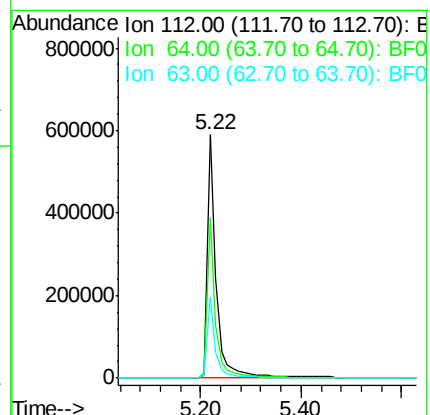
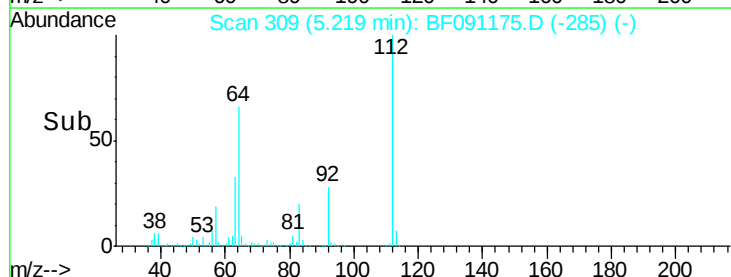
63 33.1 28.0 42.0

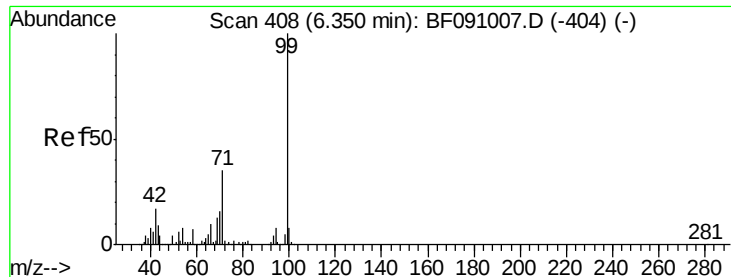


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.15 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CPS073041

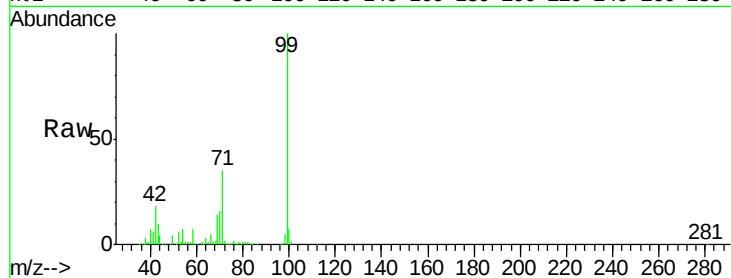
Tot Ion: 99 Resp: 608146

Ion Ratio Lower Upper

99 100

42 18.3 13.9 20.9

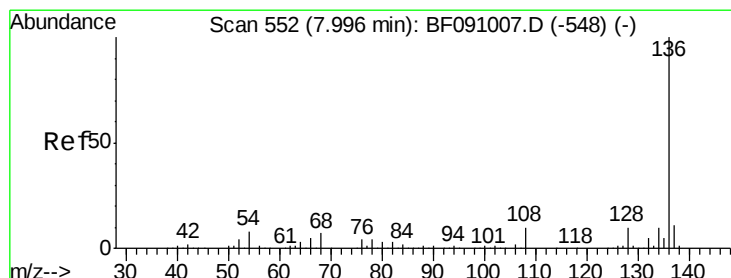
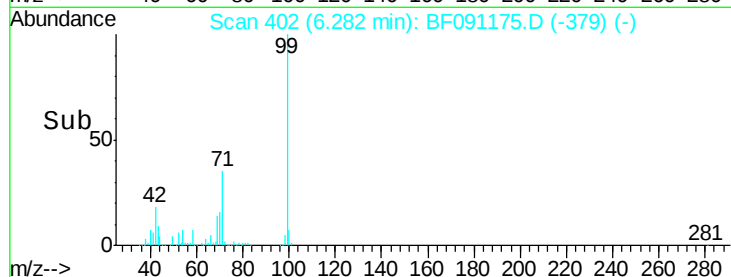
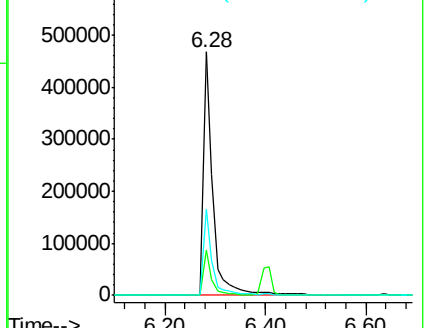
71 35.4 27.8 41.8



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: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

Tgt Ion: 136 Resp: 687905

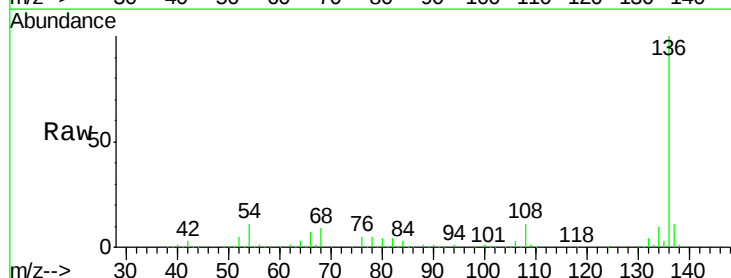
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.8 6.2 9.2#

68 8.9 5.5 8.3#

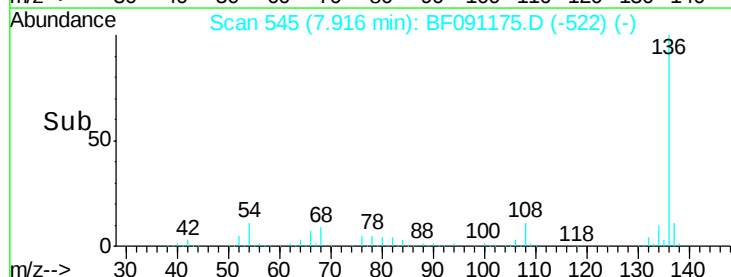
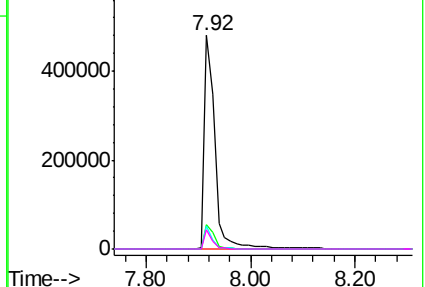


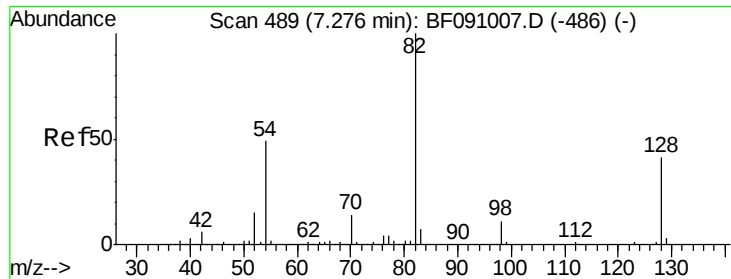
Abundance Ion 136.00 (135.70 to 136.70): E

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



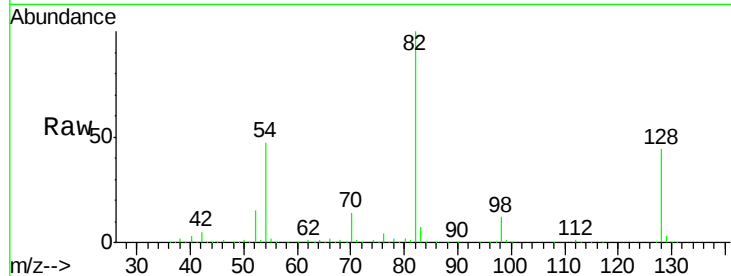


#23
 Nitrobenzene-d5
 Concen: 100.88 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

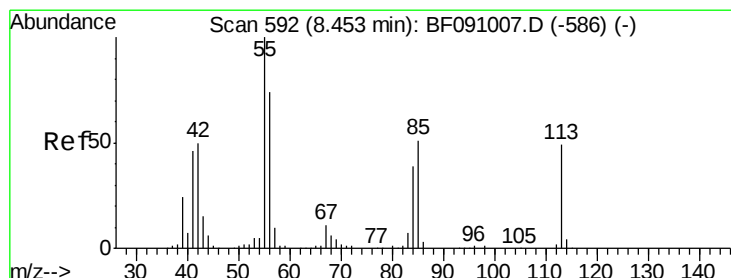
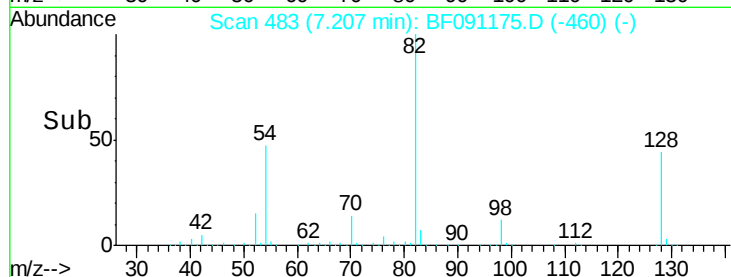
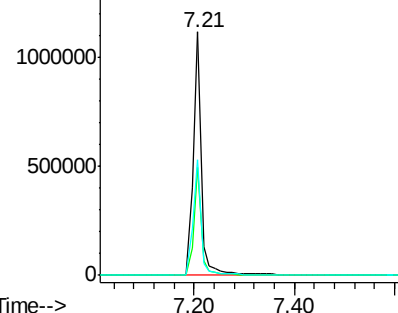
Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Tot Ion: 82 Resp: 1272074

Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.4	48.6
54	47.3	39.2	58.8



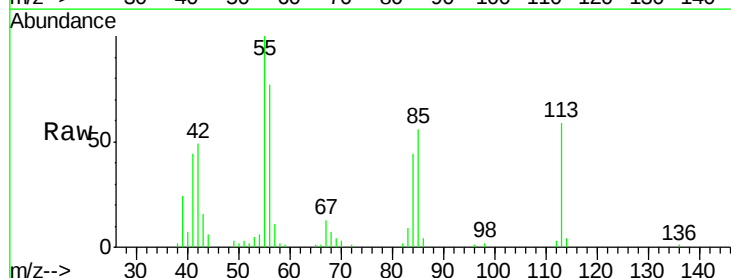
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



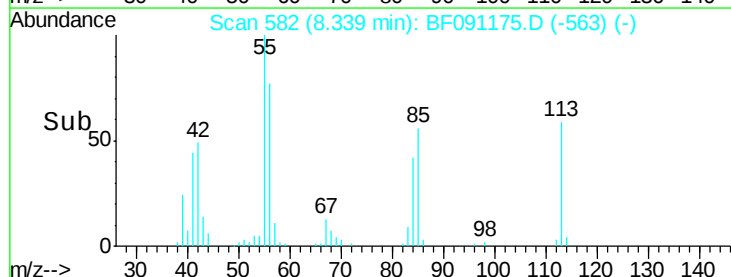
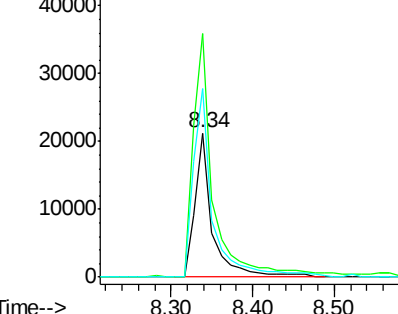
#35
 Caprolactam
 Concen: 11.91 ng
 RT: 8.34 min Scan# 582
 Delta R.T. -0.08 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

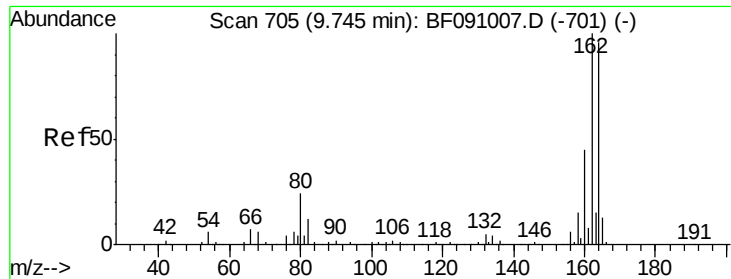
Tgt Ion: 113 Resp: 31819

Ion	Ratio	Lower	Upper
113	100		
55	169.3	184.1	224.1#
56	131.1	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: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

Instrument :

BNA_F

ClientSampleId :

CPS073041

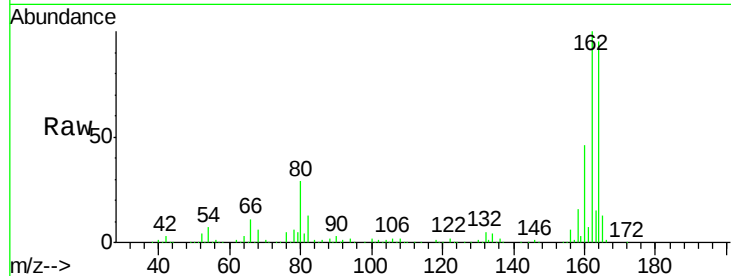
Tot Ion:164 Resp: 365034

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

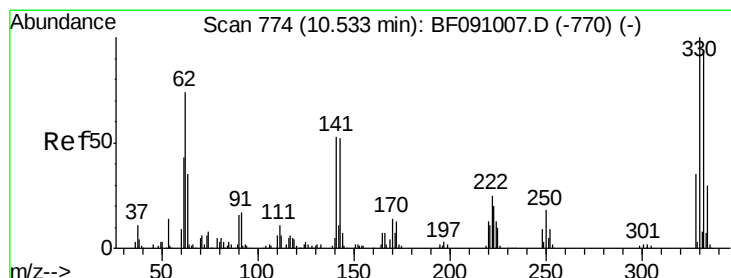
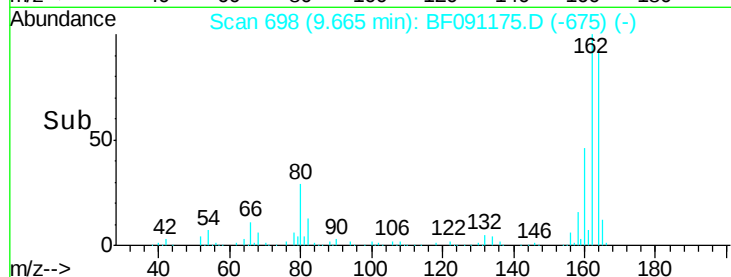
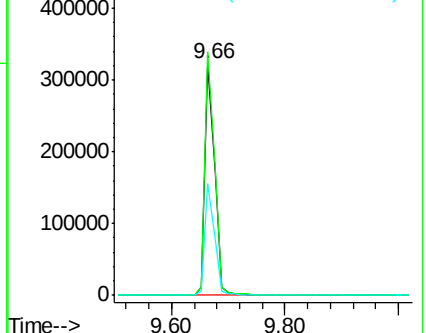
160 48.3 37.9 56.9



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: 169.41 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091175.D

Acq: 15 Nov 2016 13:02

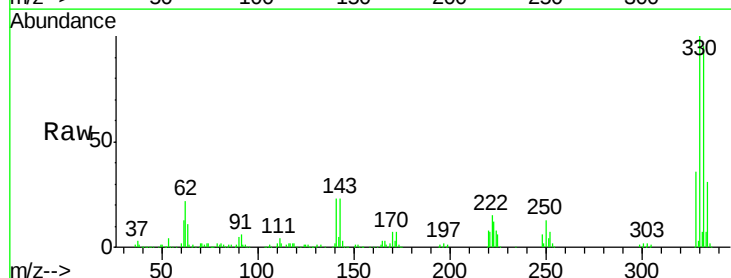
Tgt Ion:330 Resp: 559088

Ion Ratio Lower Upper

330 100

332 95.3 75.9 113.9

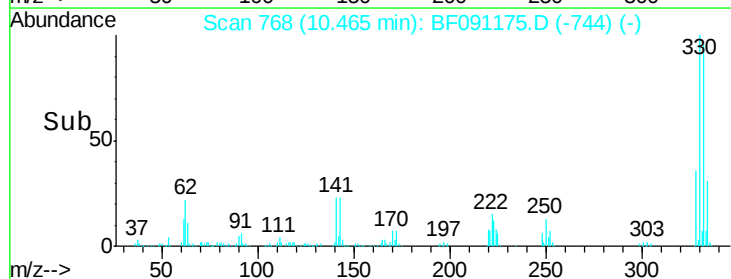
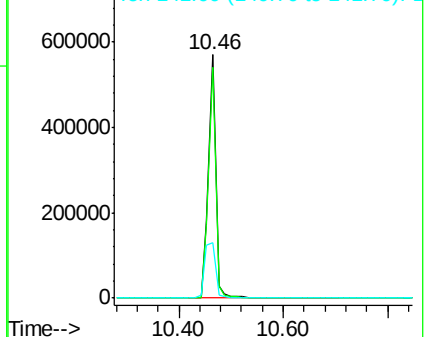
141 34.9 36.1 54.1#

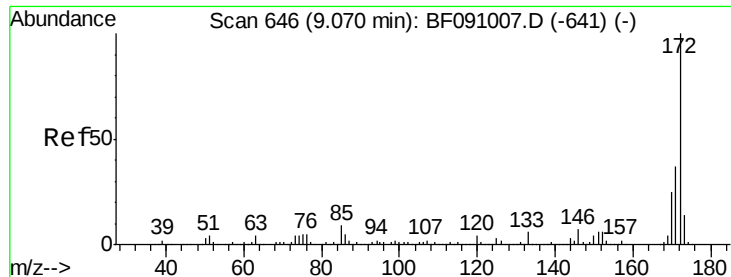


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

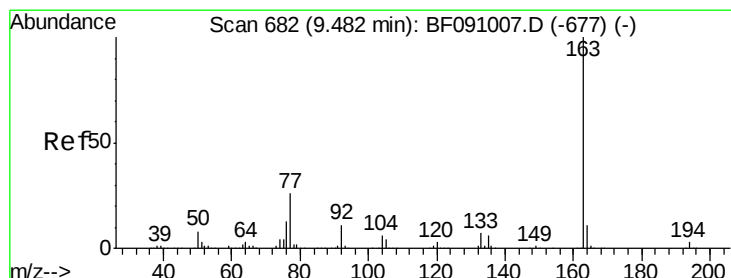
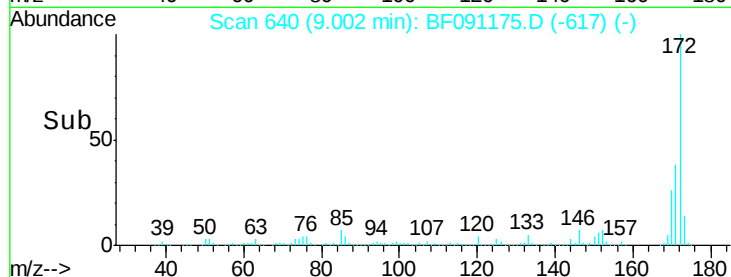
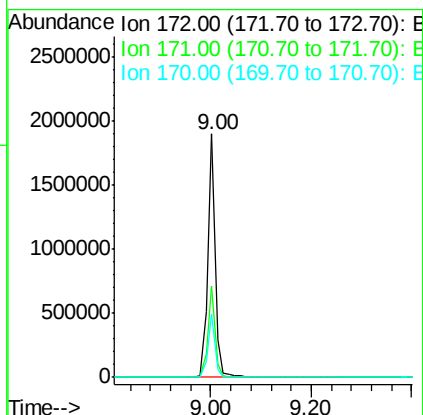
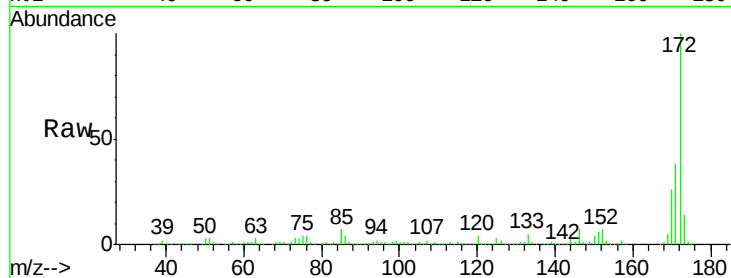




#44
 2-Fluorobiphenyl
 Concen: 91.74 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

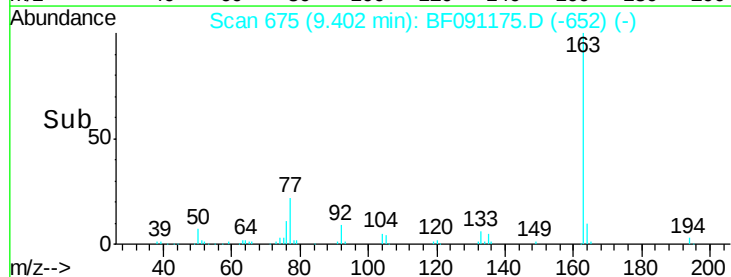
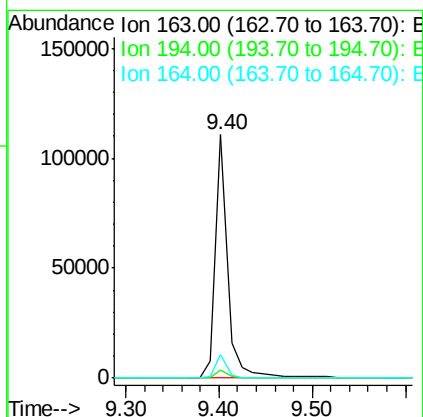
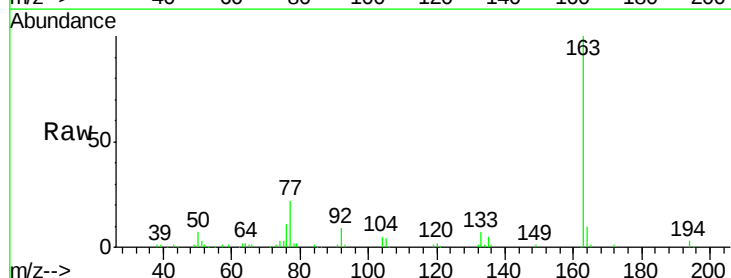
Instrument :
 BNA_F
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 CPS073041

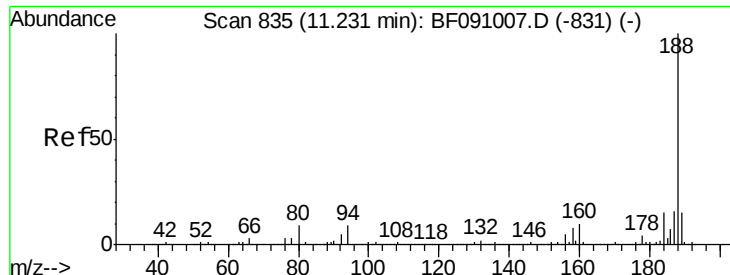
Tot Ion:172 Resp: 1945208
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.7 20.3 30.5



#49
 Dimethylphthalate
 Concen: 4.25 ng
 RT: 9.40 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

Tgt Ion:163 Resp: 101838
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.9 8.7 13.1

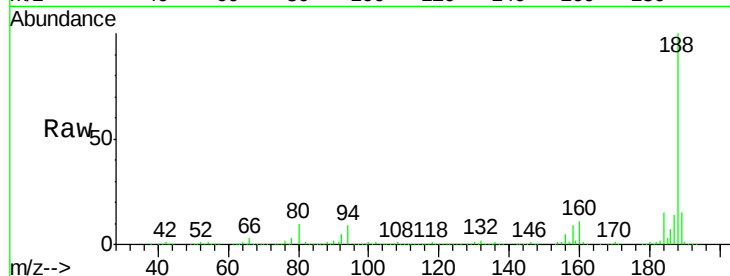




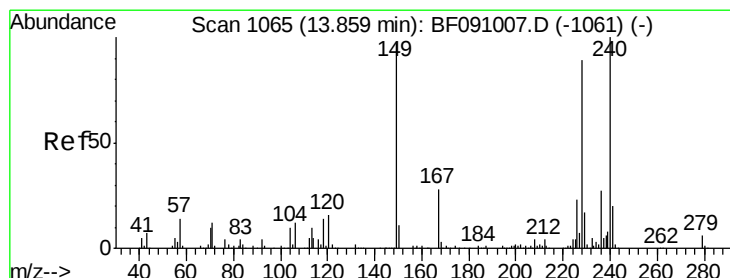
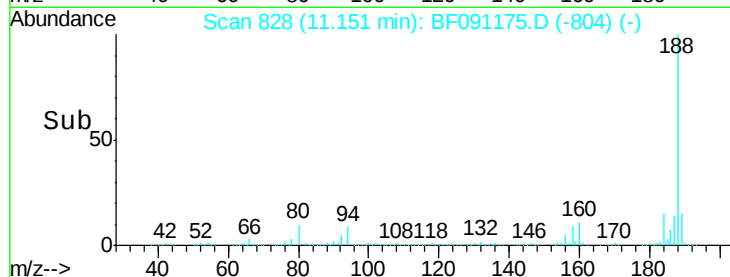
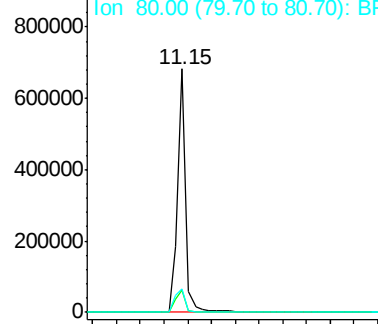
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091175.D
Acq: 15 Nov 2016 13:02

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tot Ion:188 Resp: 676183
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.7 7.5 11.3

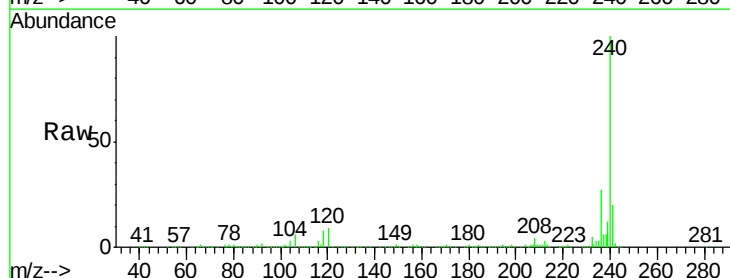


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

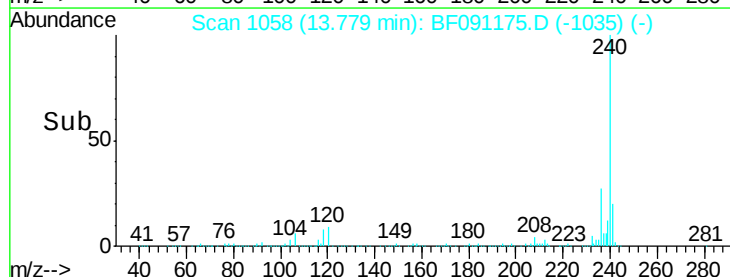
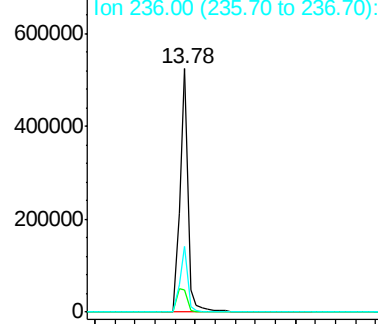


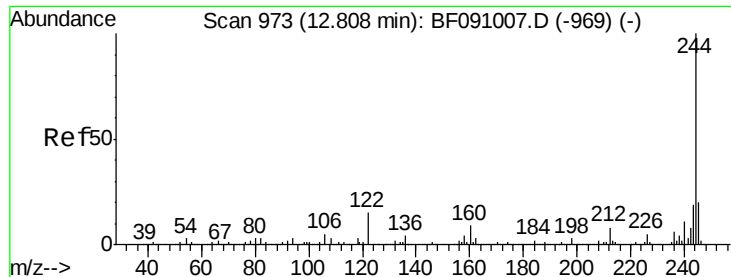
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091175.D
Acq: 15 Nov 2016 13:02

Tgt Ion:240 Resp: 576096
Ion Ratio Lower Upper
240 100
120 9.2 12.9 19.3#
236 27.0 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

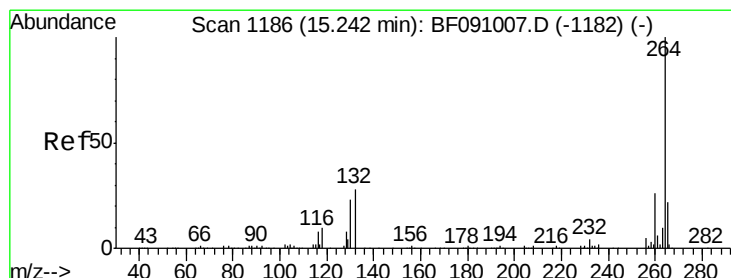
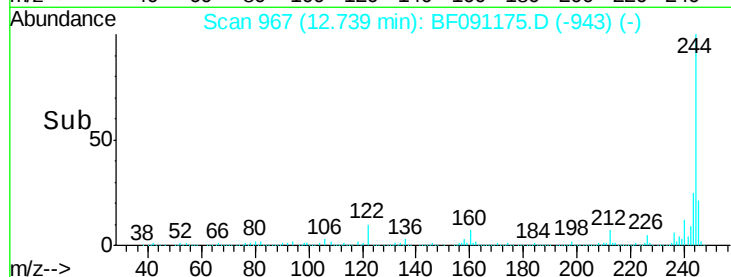
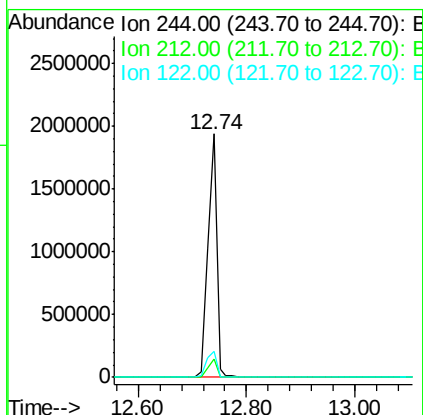
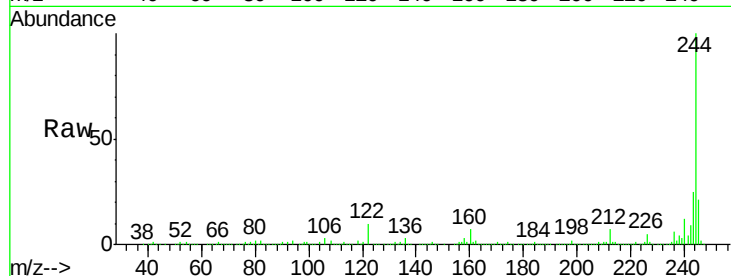




#78
 Terphenyl-d14
 Concen: 93.34 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

Instrument :
 BNA_F
 ClientSampleId :
 CPS073041

Tot Ion:244 Resp: 2154917
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.5 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091175.D
 Acq: 15 Nov 2016 13:02

Tgt Ion:264 Resp: 453493
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 22.2 17.8 26.8

