

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091454.D
 Acq On : 6 Dec 2016 12:56
 Operator : UM/SJ
 Sample : H5825-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-3

Quant Time: Dec 07 00:23:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

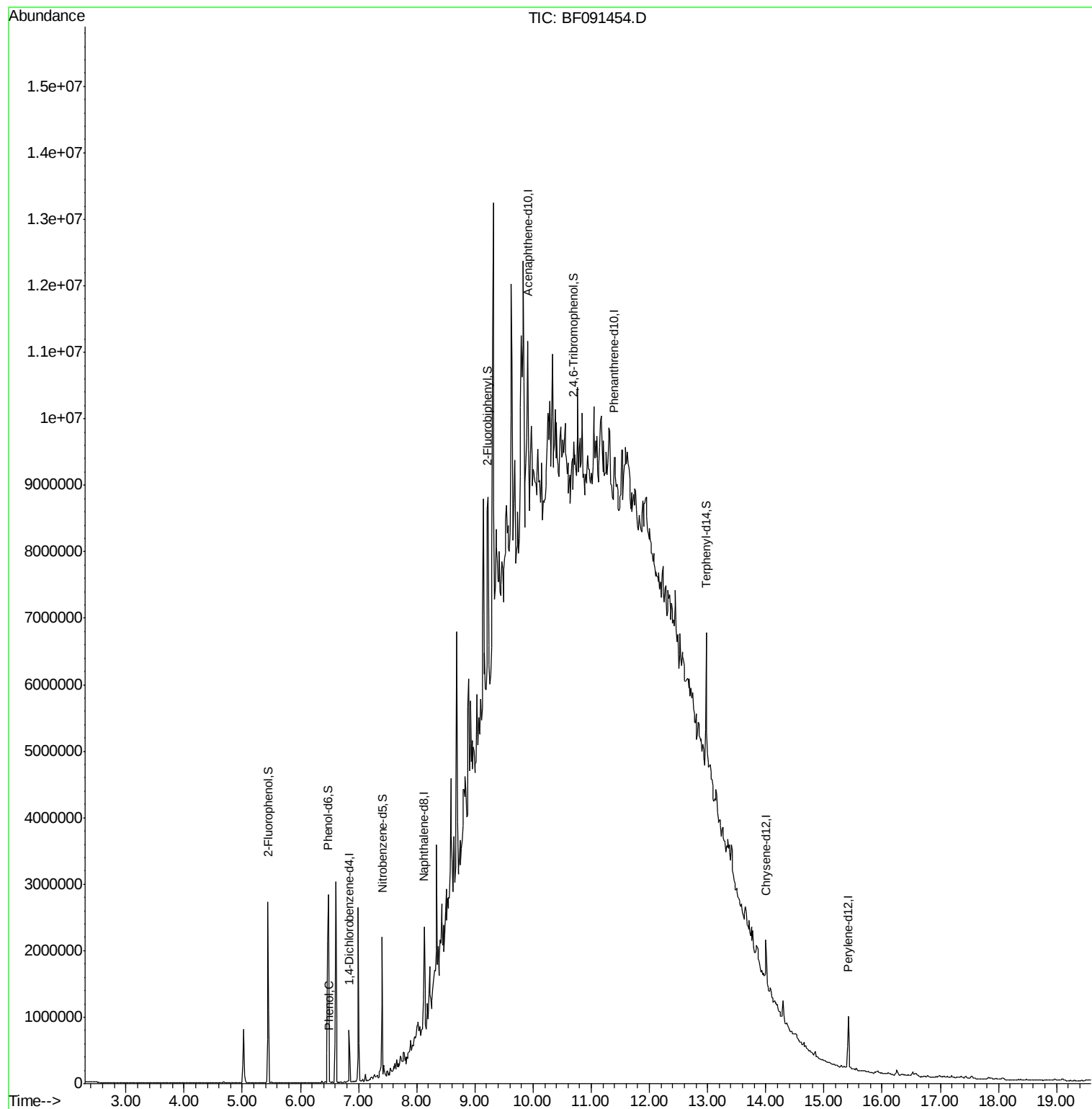
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134972	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	543721	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	224537	20.00	ng	0.03
63) Phenanthrene-d10	11.40	188	262538	20.00	ng	0.03
75) Chrysene-d12	14.00	240	311488	20.00	ng	0.01
86) Perylene-d12	15.42	264	369921	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	801184	96.97	ng	0.00
7) Phenol-d6	6.48	99	1191616	117.16	ng	0.01
23) Nitrobenzene-d5	7.41	82	739906	76.26	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	184898	86.98	ng	0.03
44) 2-Fluorobiphenyl	9.21	172	982426	79.22	ng	0.01
78) Terphenyl-d14	12.97	244	742865	51.84	ng	0.03
Target Compounds						
10) Phenol	6.49	94	44074	3.68	ng	Qvalue 80

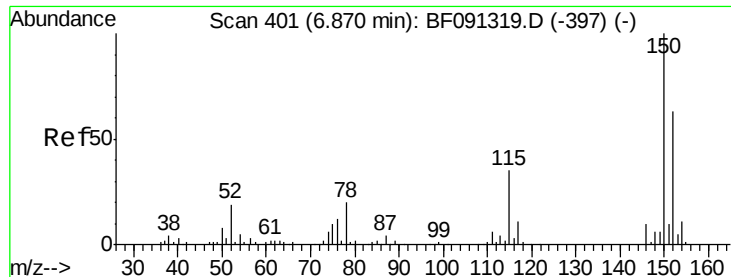
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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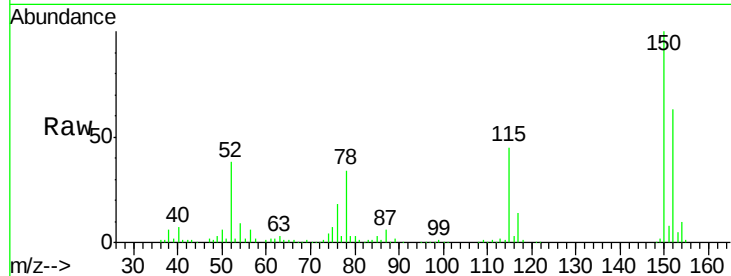




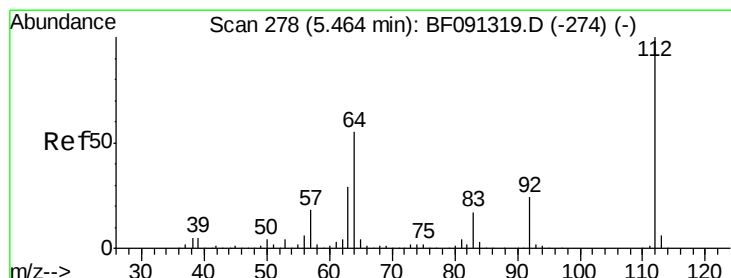
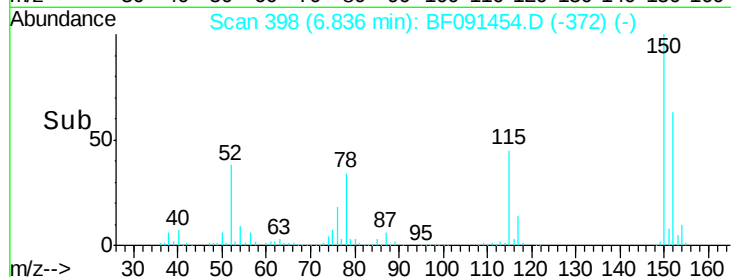
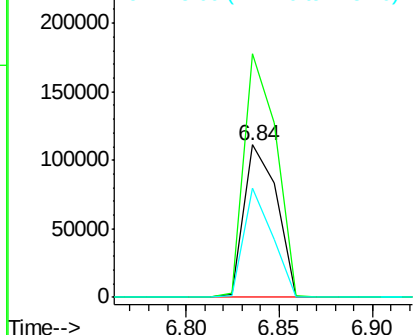
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091454.D
 Acq: 6 Dec 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-3

Tgt Ion:152 Resp: 134972
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.5 183.7
 115 71.2 51.8 77.8

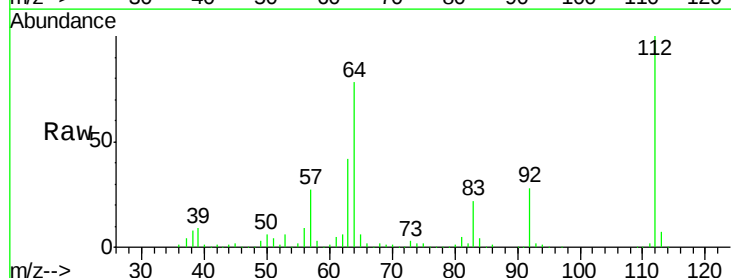


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

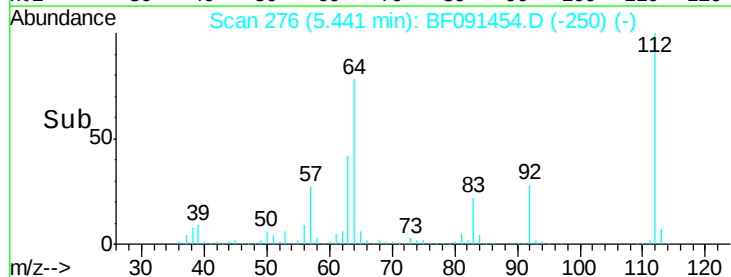
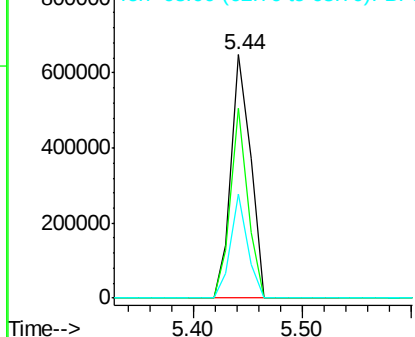


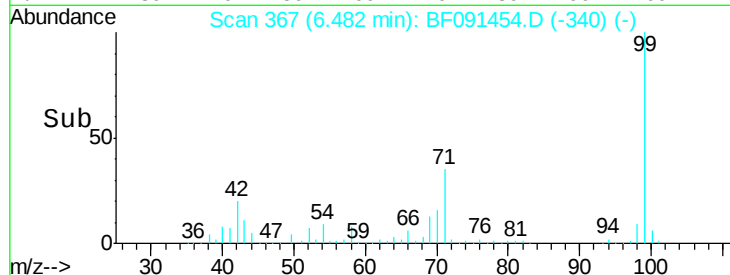
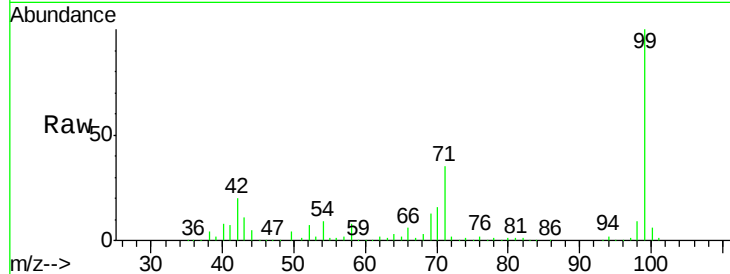
#5
 2-Fluorophenol
 Concen: 96.97 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: BF091454.D
 Acq: 6 Dec 2016 12:56

Tgt Ion:112 Resp: 801184
 Ion Ratio Lower Upper
 112 100
 64 78.0 61.5 92.3
 63 42.5 33.3 49.9



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: 117.16 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

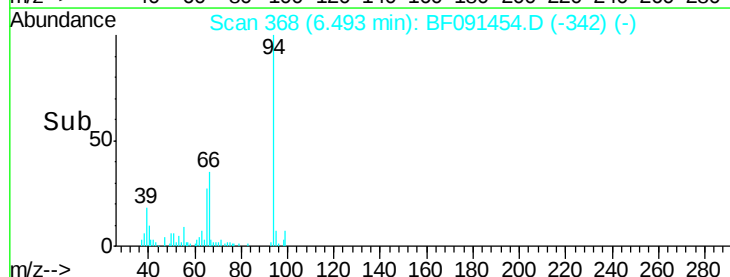
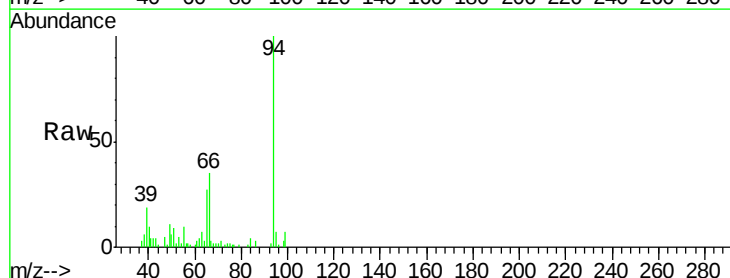
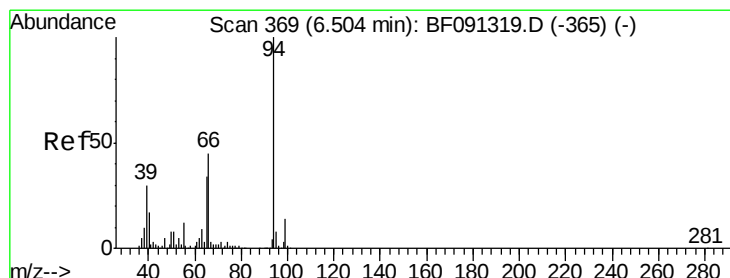
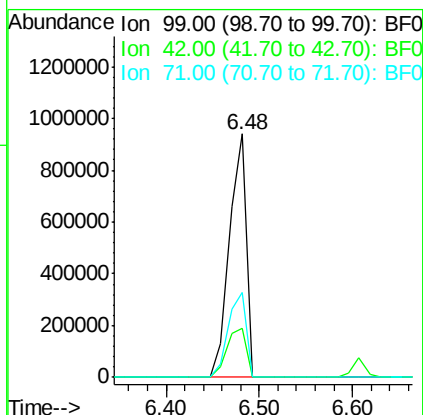
Tgt Ion: 99 Resp: 1191616

Ion Ratio Lower Upper

99 100

42 20.3 20.6 31.0#

71 34.6 29.9 44.9



#10

Phenol

Concen: 3.68 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

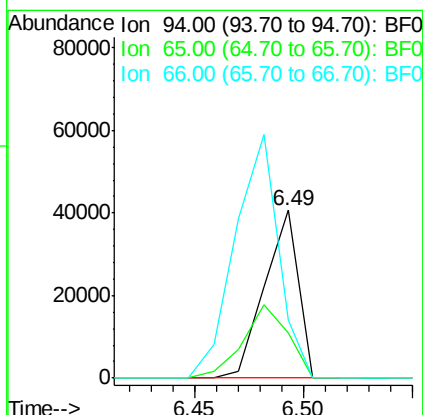
Tgt Ion: 94 Resp: 44074

Ion Ratio Lower Upper

94 100

65 27.3 16.9 56.9

66 34.7 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

Tgt Ion: 136 Resp: 543721

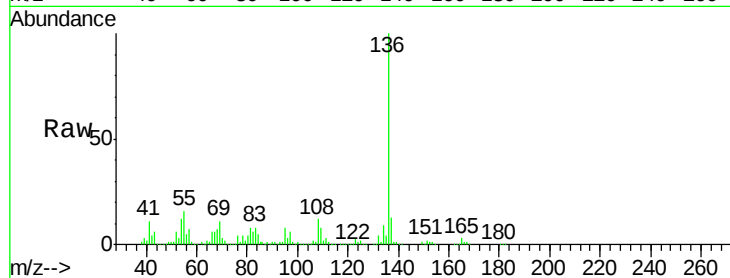
Ion Ratio Lower Upper

136 100

137 12.8 9.1 13.7

54 12.3 9.1 13.7

68 6.7 5.9 8.9

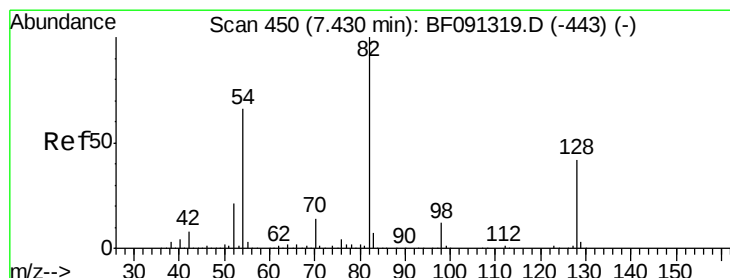
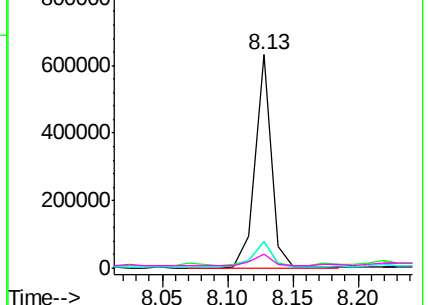
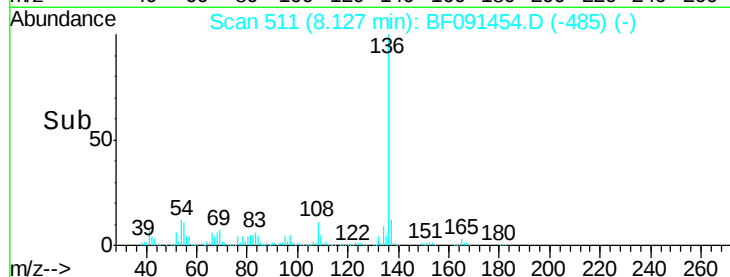


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.26 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

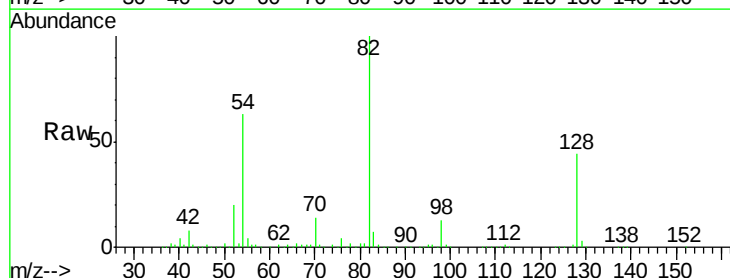
Tgt Ion: 82 Resp: 739906

Ion Ratio Lower Upper

82 100

128 44.3 31.8 47.6

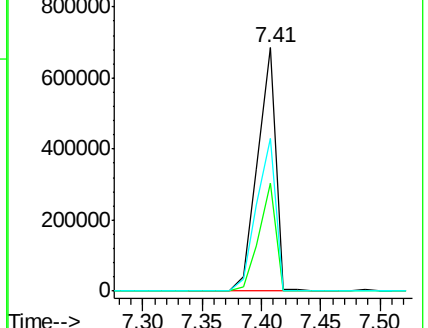
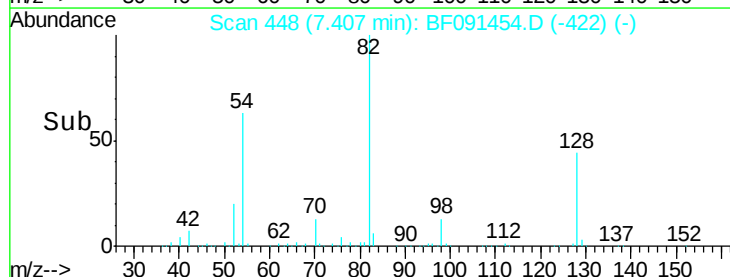
54 62.8 49.1 73.7

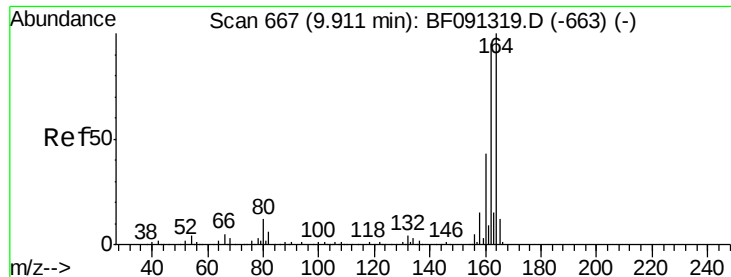


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.03 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-3

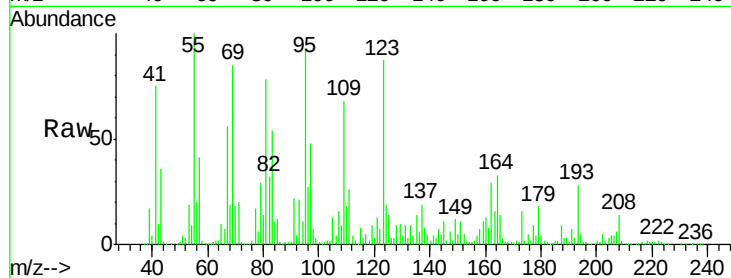
Tgt Ion:164 Resp: 224537

Ion Ratio Lower Upper

164 100

162 86.8 82.6 124.0

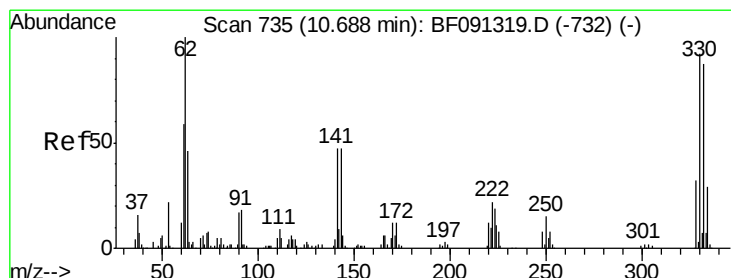
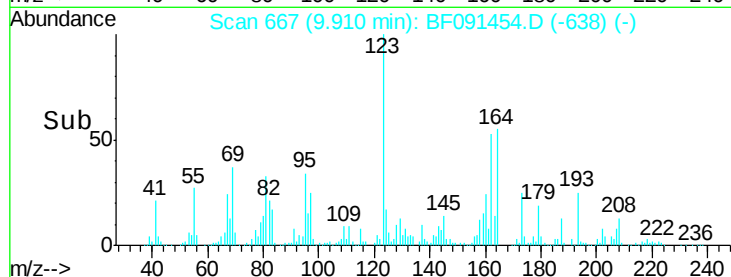
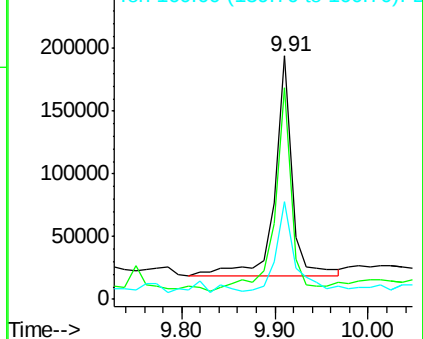
160 40.3 36.7 55.1



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: 86.98 ng

RT: 10.70 min Scan# 736

Delta R.T. 0.03 min

Lab File: BF091454.D

Acq: 6 Dec 2016 12:56

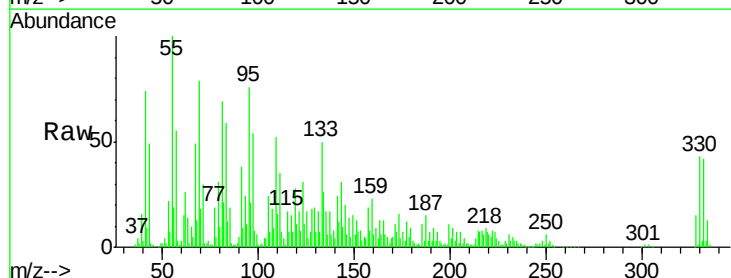
Tgt Ion:330 Resp: 184898

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

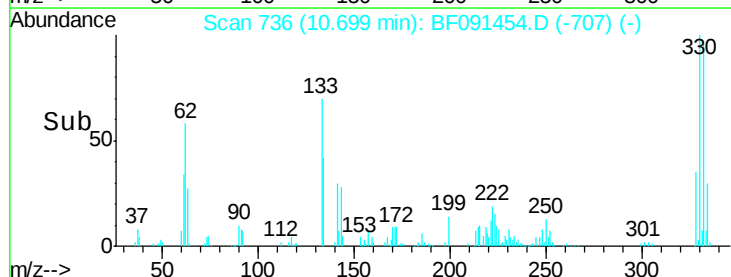
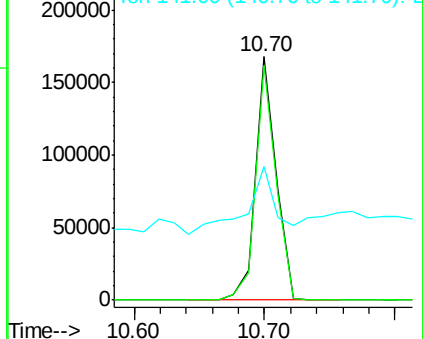
141 39.0 33.6 50.4

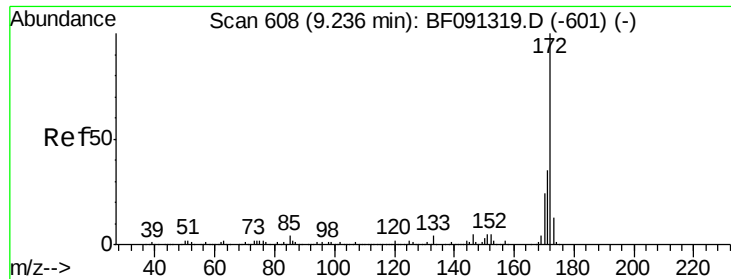


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

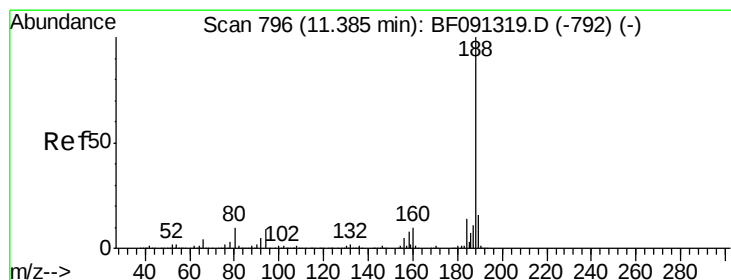
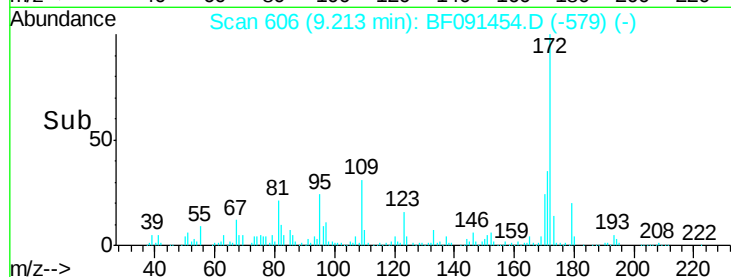
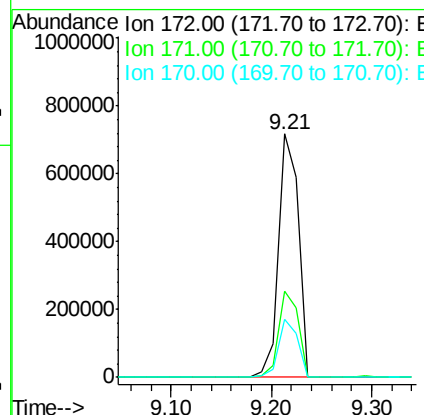
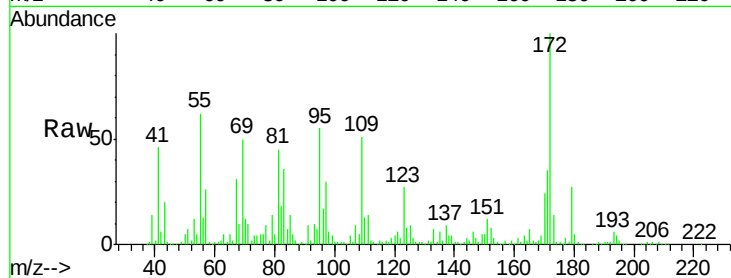




#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 9.21 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: BF091454.D
 Acq: 6 Dec 2016 12:56

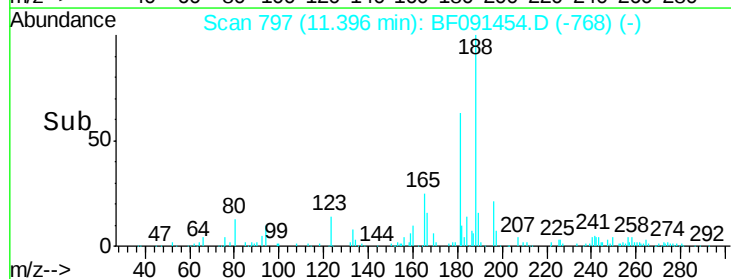
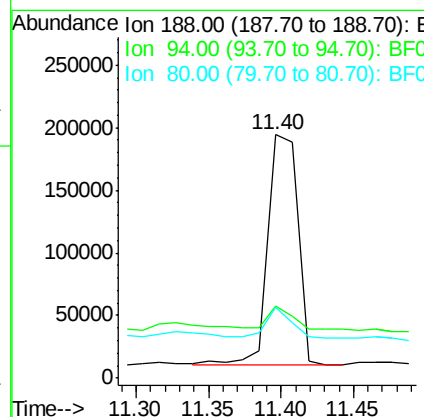
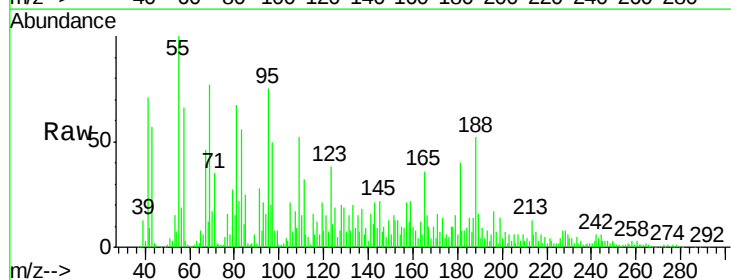
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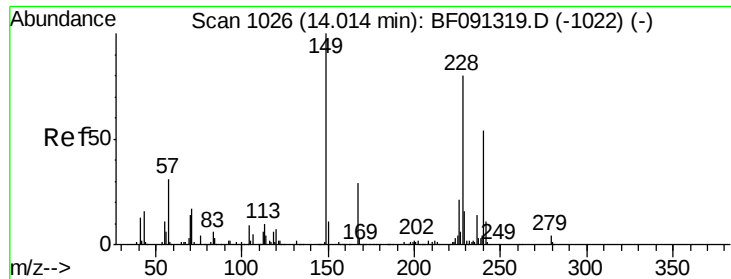
Tgt Ion:172 Resp: 982426
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.7 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. 0.03 min
 Lab File: BF091454.D
 Acq: 6 Dec 2016 12:56

Tgt Ion:188 Resp: 262538
 Ion Ratio Lower Upper
 188 100
 94 29.9 9.2 13.8#
 80 28.9 10.5 15.7#

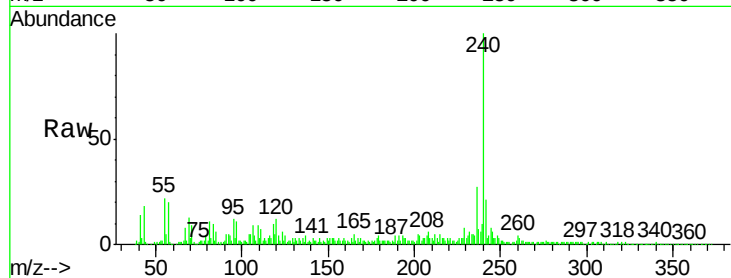




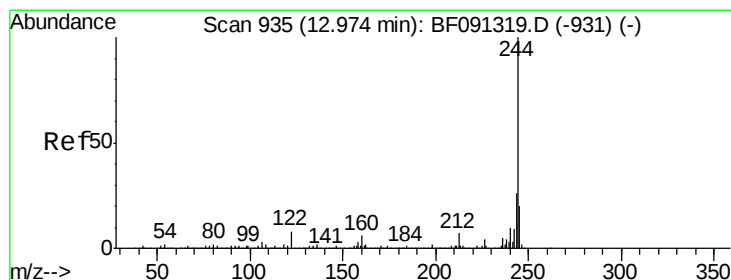
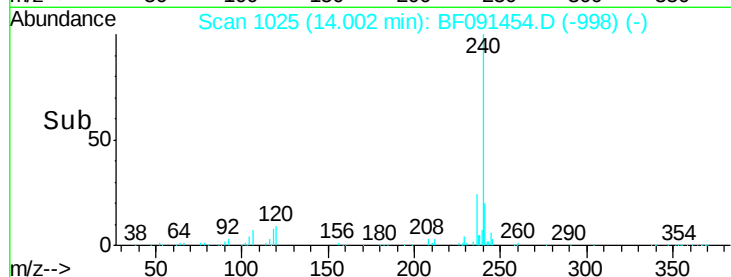
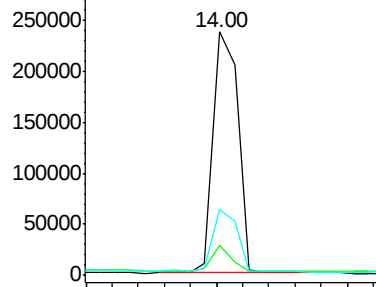
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF091454.D
Acq: 6 Dec 2016 12:56

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion:240 Resp: 311488
Ion Ratio Lower Upper
240 100
120 12.2 12.1 18.1
236 26.9 21.0 31.6

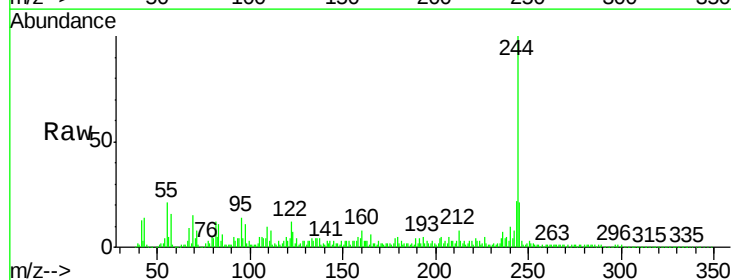


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

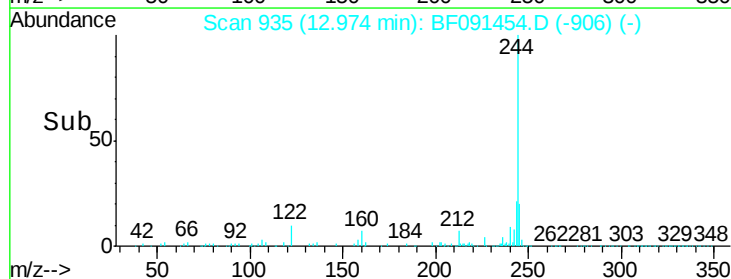
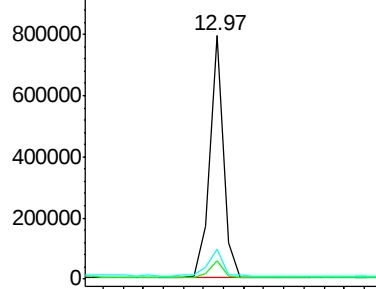


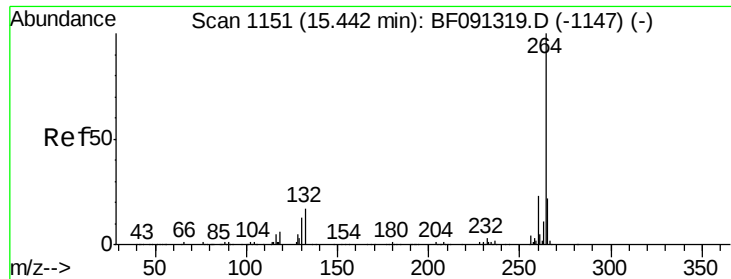
#78
Terphenyl-d14
Concen: 51.84 ng
RT: 12.97 min Scan# 935
Delta R.T. 0.03 min
Lab File: BF091454.D
Acq: 6 Dec 2016 12:56

Tgt Ion:244 Resp: 742865
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 12.1 9.5 14.3



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: 15.42 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF091454.D
Acq: 6 Dec 2016 12:56

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-3

Tgt Ion: 264 Resp: 369921
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.4 17.0 25.6

