

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091493.D
 Acq On : 8 Dec 2016 2:17
 Operator :
 Sample : H5867-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

Quant Time: Dec 08 03:28:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162955	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	616453	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	343900	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	570712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	402457	20.00	ng	0.00
86) Perylene-d12	15.40	264	335686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	848036	85.02	ng	0.01
7) Phenol-d6	6.47	99	989508	80.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	771109	70.10	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	350180	107.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1482876	78.07	ng	-0.01
78) Terphenyl-d14	12.94	244	1462729	79.00	ng	0.00

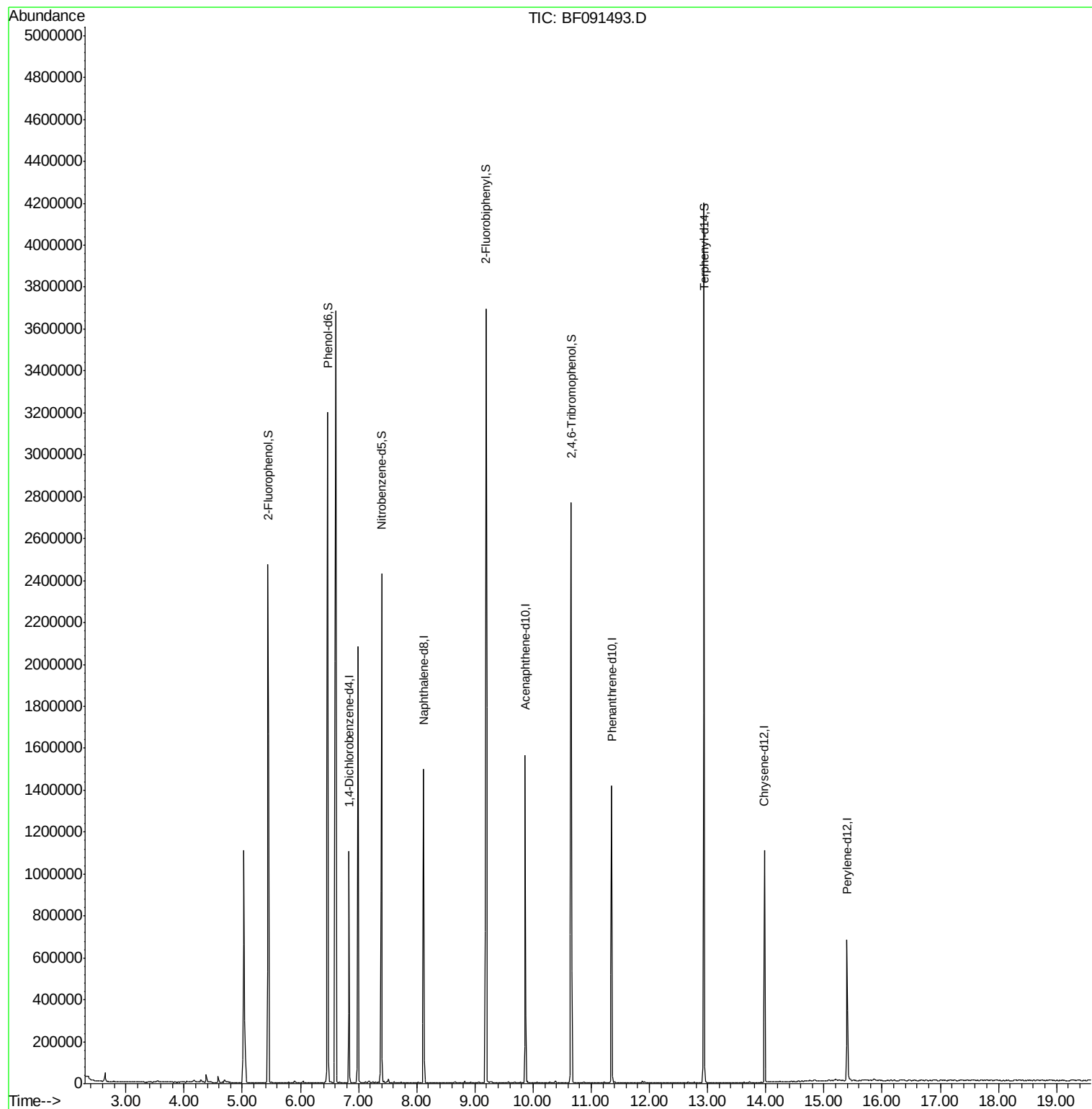
Target Compounds Qvalue

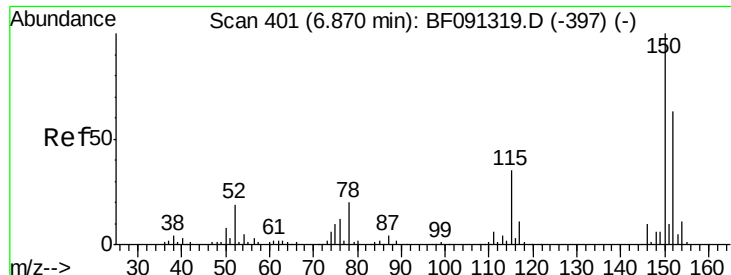
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

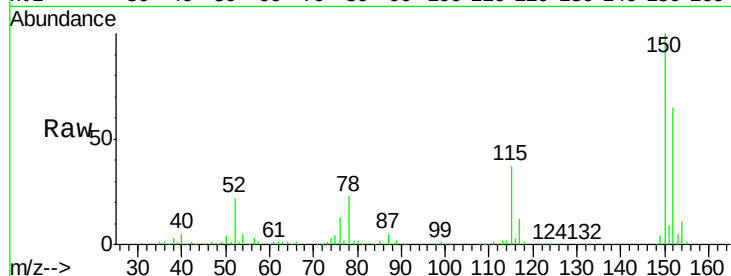
Tot Ion:152 Resp: 162955

Ion Ratio Lower Upper

152 100

150 154.9 122.5 183.7

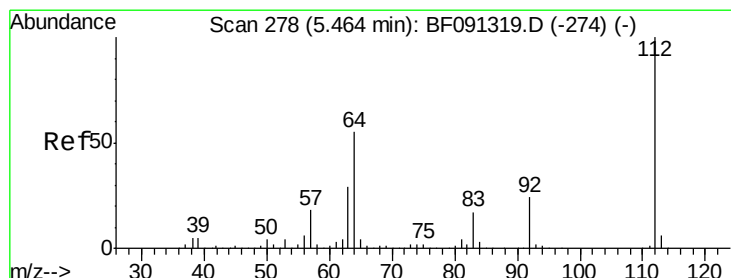
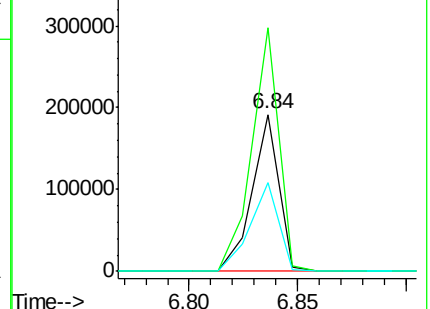
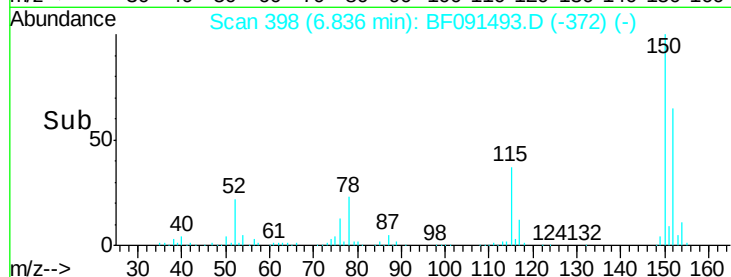
115 56.8 51.8 77.8



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: 85.02 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

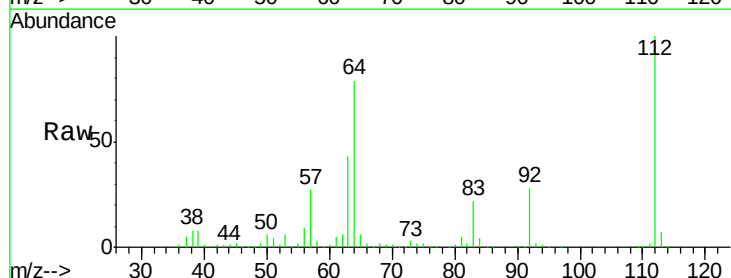
Tgt Ion:112 Resp: 848036

Ion Ratio Lower Upper

112 100

64 78.6 61.5 92.3

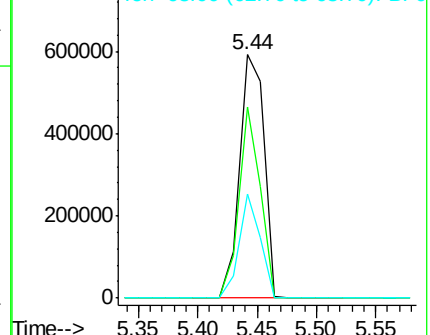
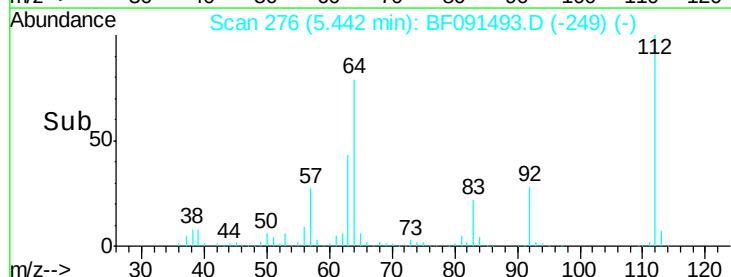
63 42.6 33.3 49.9

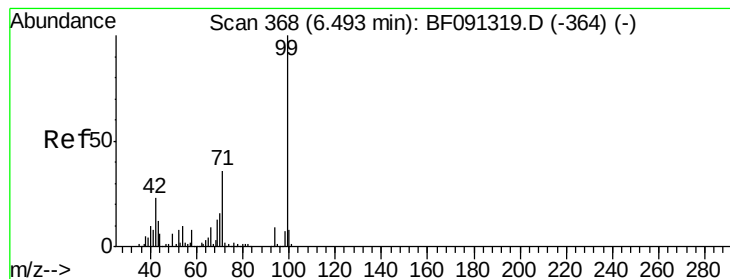


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.58 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

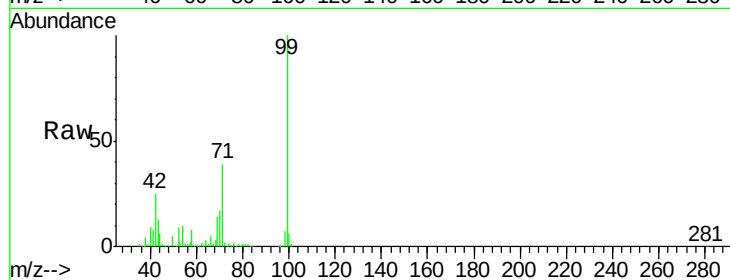
Tot Ion: 99 Resp: 989508

Ion Ratio Lower Upper

99 100

42 24.5 20.6 31.0

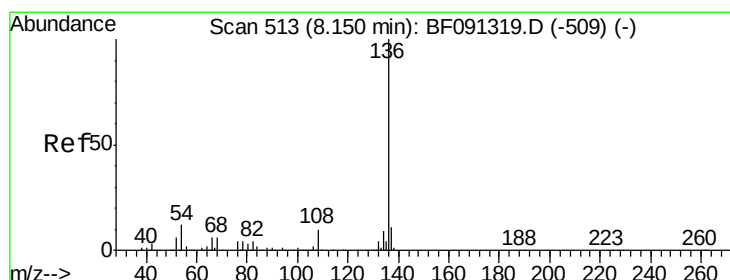
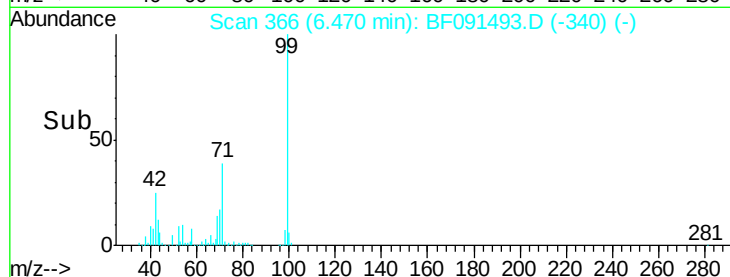
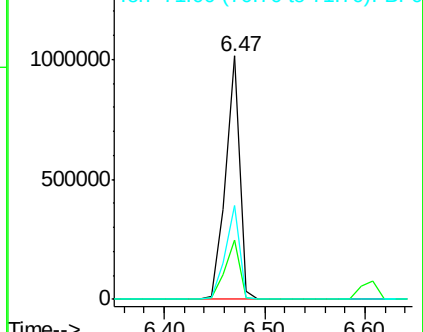
71 38.6 29.9 44.9



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: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Tgt Ion: 136 Resp: 616453

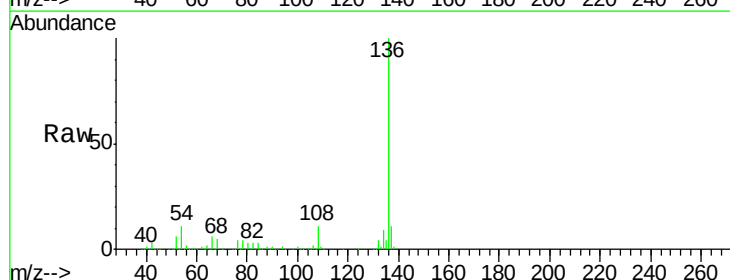
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.8 9.1 13.7

68 5.1 5.9 8.9#

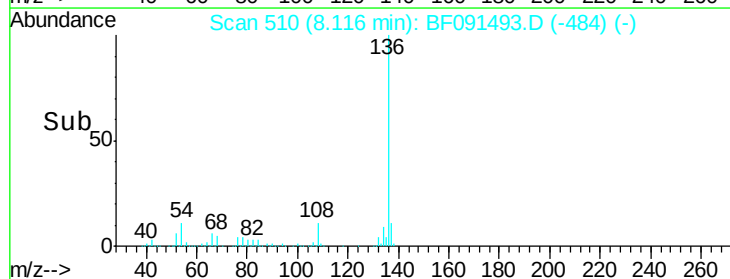
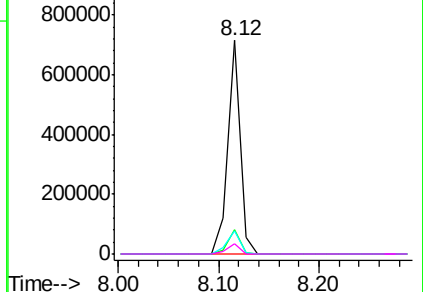


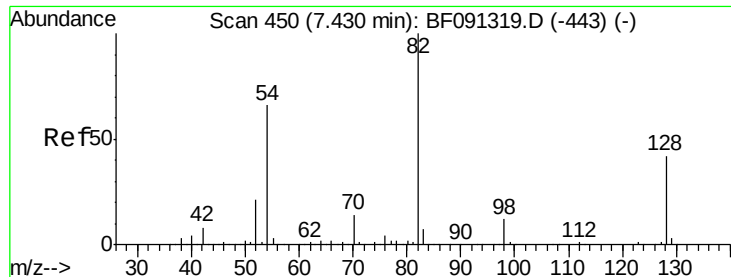
Abundance Ion 136.00 (135.70 to 136.70): E

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

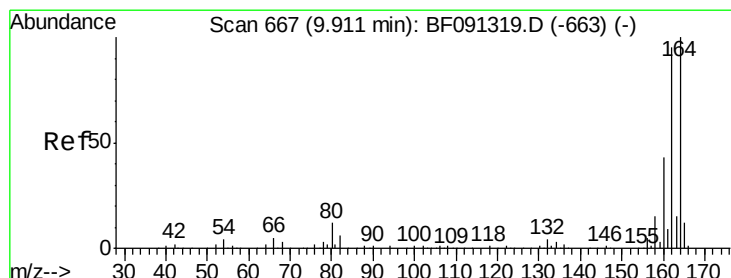
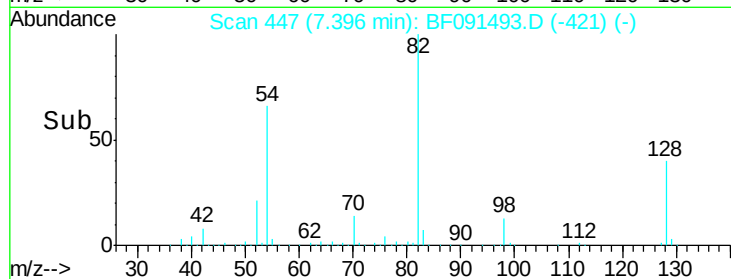
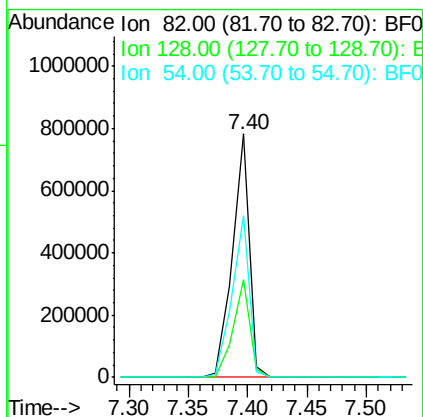
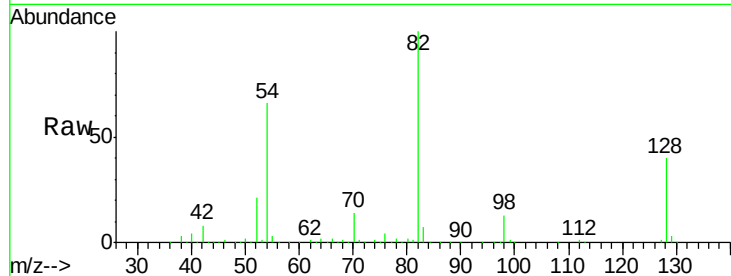




#23
 Nitrobenzene-d5
 Concen: 70.10 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

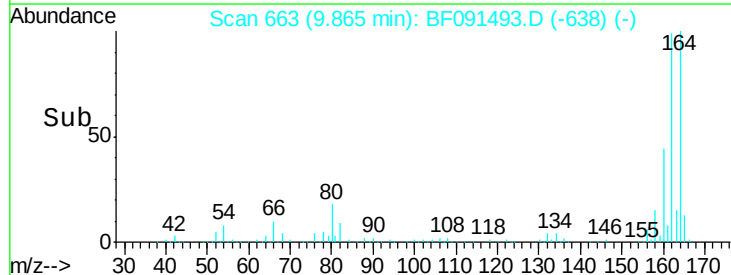
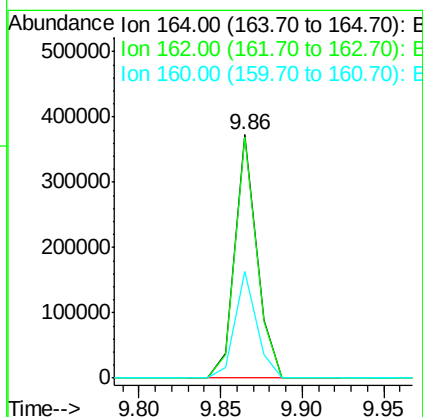
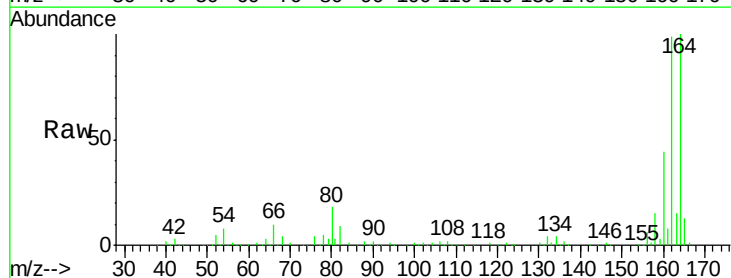
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

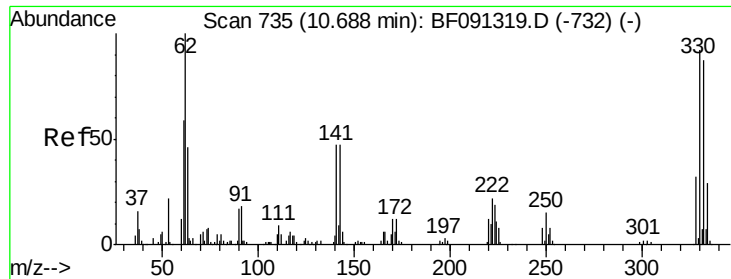
Tot Ion: 82 Resp: 771109
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 66.4 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion: 164 Resp: 343900
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.6 124.0
 160 44.0 36.7 55.1

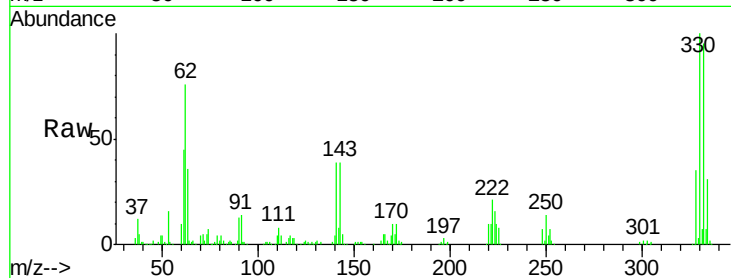




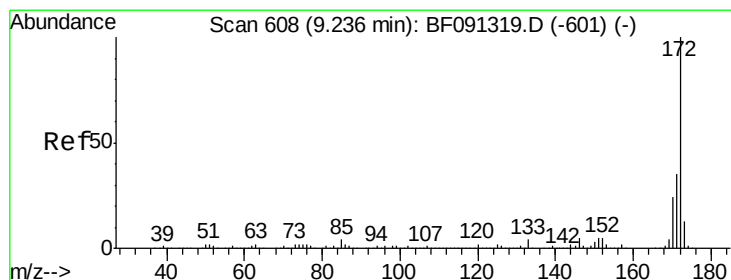
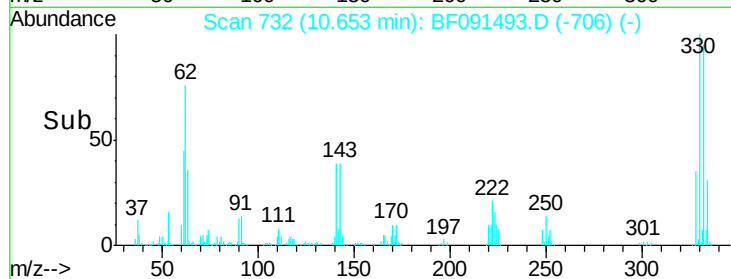
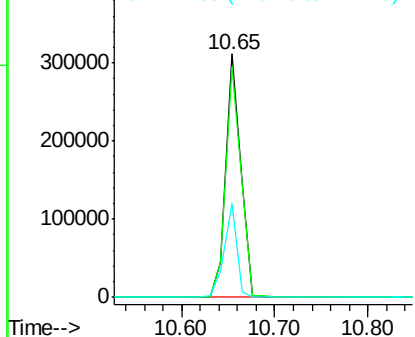
#41
 2,4,6-Tribromophenol
 Concen: 107.56 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

Tot Ion:330 Resp: 350180
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 31.9 33.6 50.4#

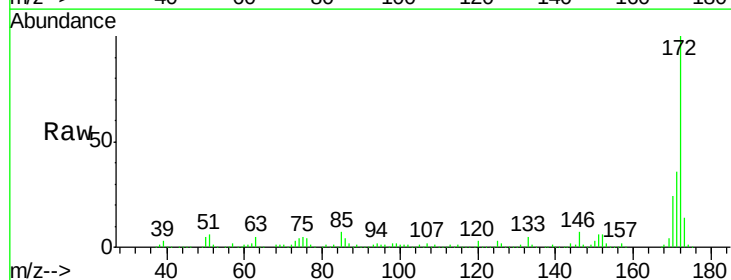


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

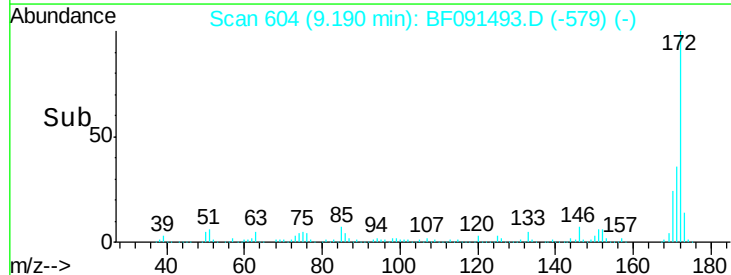
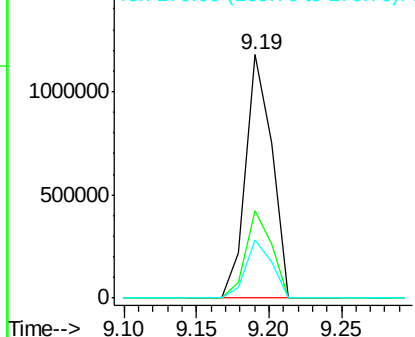


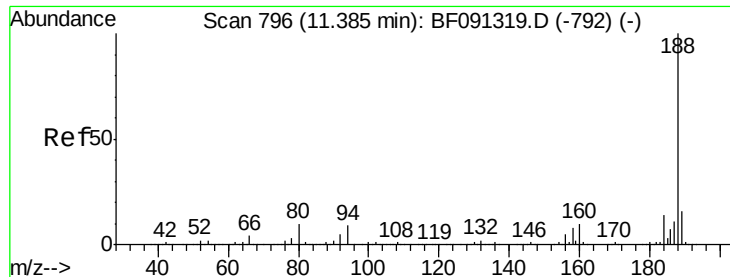
#44
 2-Fluorobiphenyl
 Concen: 78.07 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion:172 Resp: 1482876
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 19.7 29.5



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

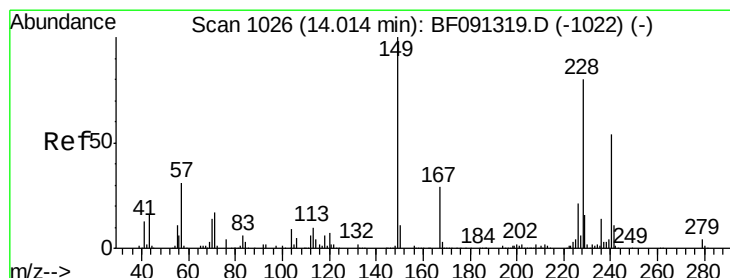
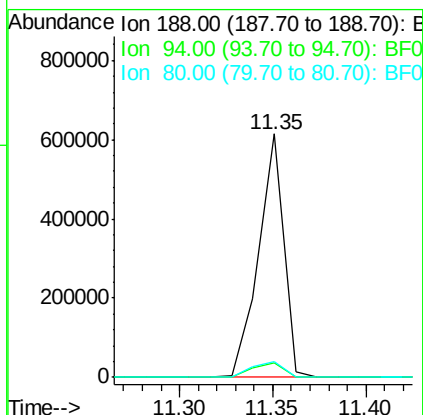
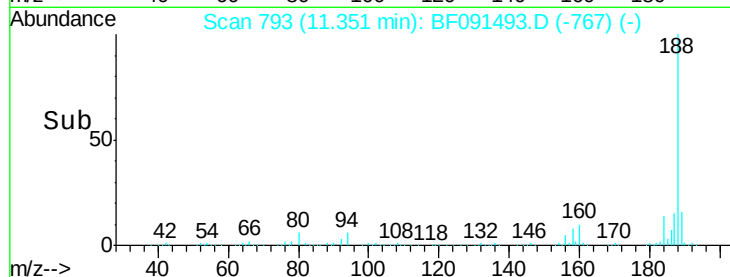
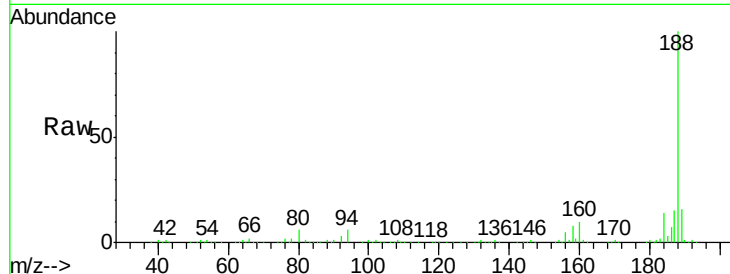




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

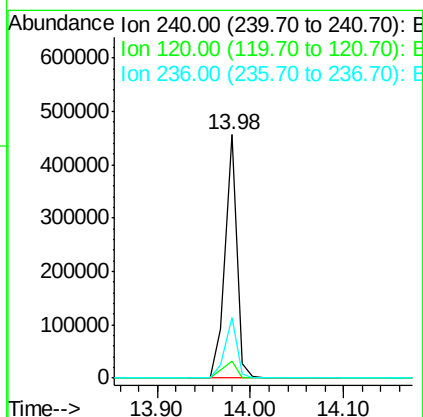
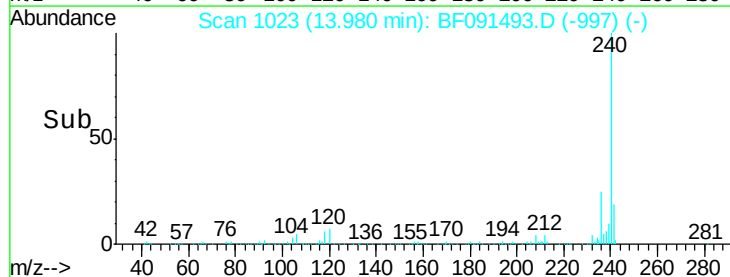
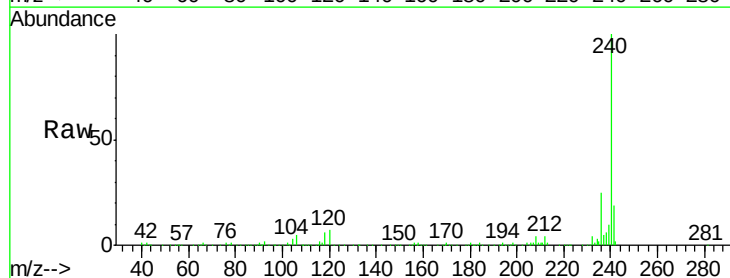
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N002-WD-A5-02-01

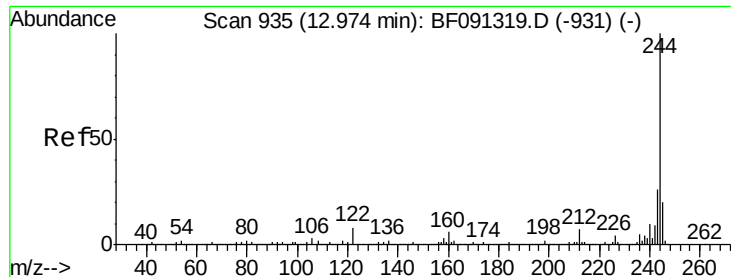
Tot Ion:188 Resp: 570712
Ion Ratio Lower Upper
188 100
94 6.0 9.2 13.8#
80 6.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

Tgt Ion:240 Resp: 402457
Ion Ratio Lower Upper
240 100
120 7.1 12.1 18.1#
236 24.8 21.0 31.6





#78

Terphenyl-d14

Concen: 79.00 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

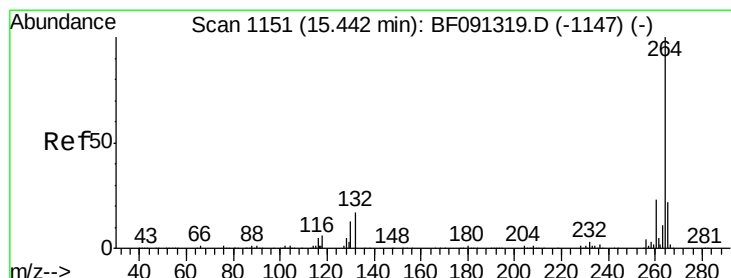
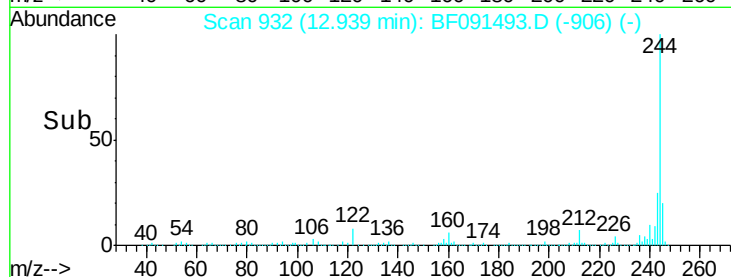
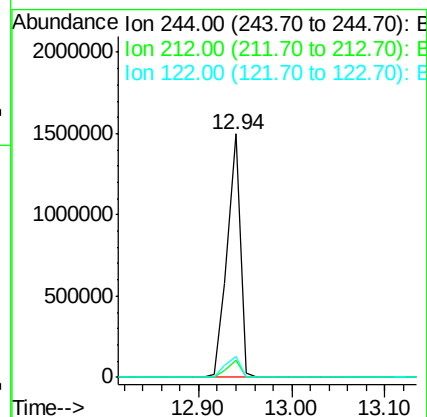
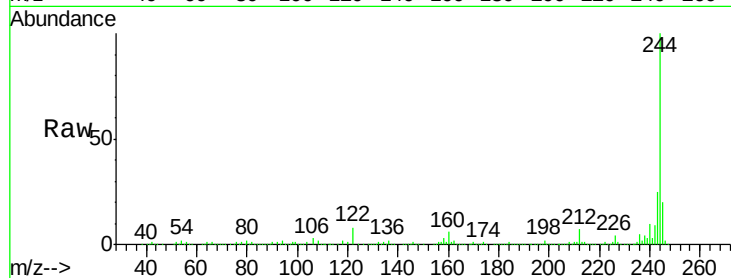
Tot Ion:244 Resp: 1462729

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 8.5 9.5 14.3#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Tgt Ion:264 Resp: 335686

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.9 17.0 25.6

