

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091501.D
 Acq On : 8 Dec 2016 6:55
 Operator : UM/SJ
 Sample : H5867-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Quant Time: Dec 08 07:19:08 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	141567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	572869	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	299071	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	481728	20.00	ng	0.00
75) Chrysene-d12	13.98	240	363970	20.00	ng	0.00
86) Perylene-d12	15.40	264	307314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	981357	113.24	ng	0.02
7) Phenol-d6	6.47	99	971871	91.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	720727	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	331695	117.15	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1482713	89.77	ng	-0.01
78) Terphenyl-d14	12.94	244	1331983	79.54	ng	0.00

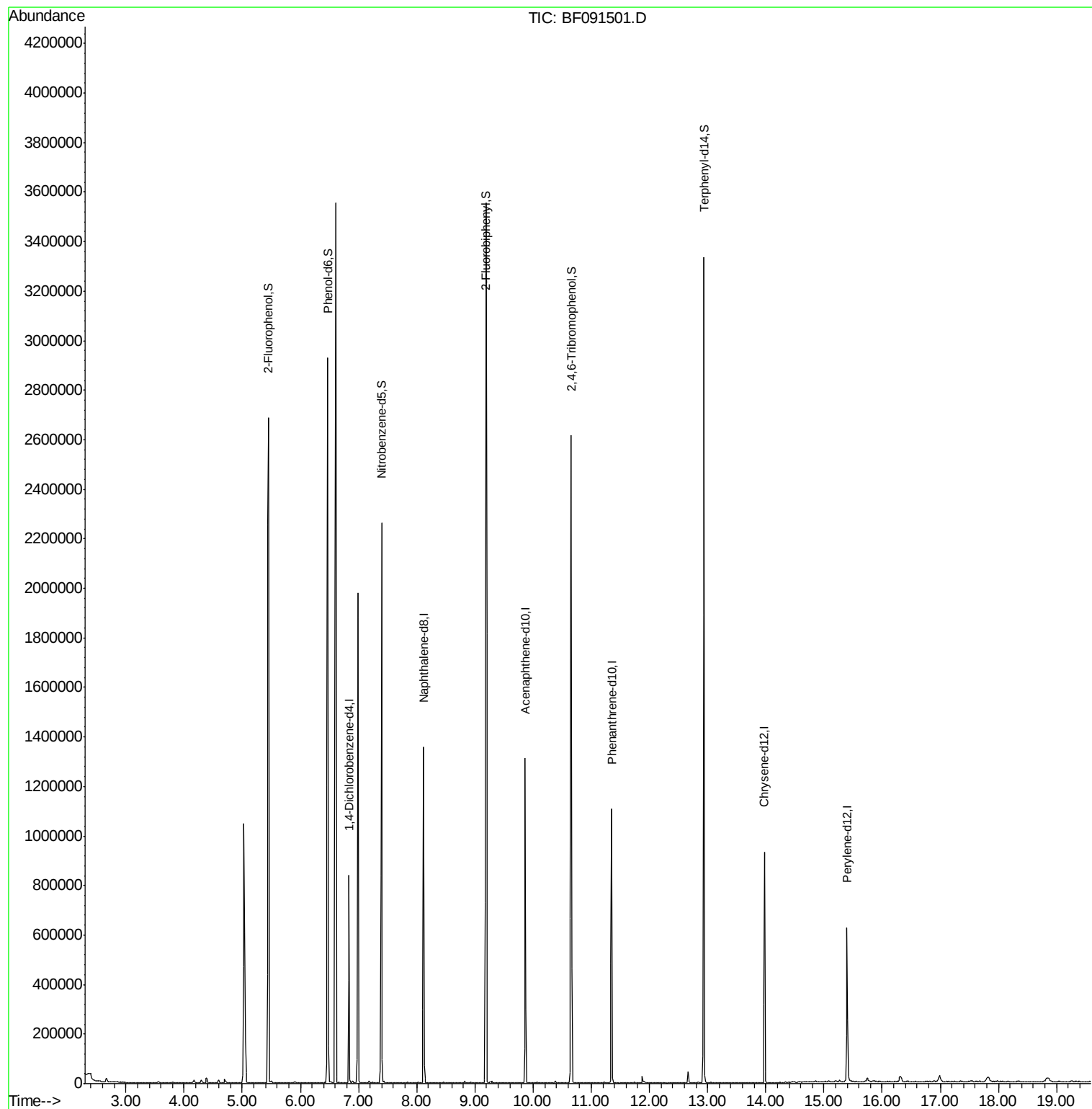
Target Compounds Qvalue

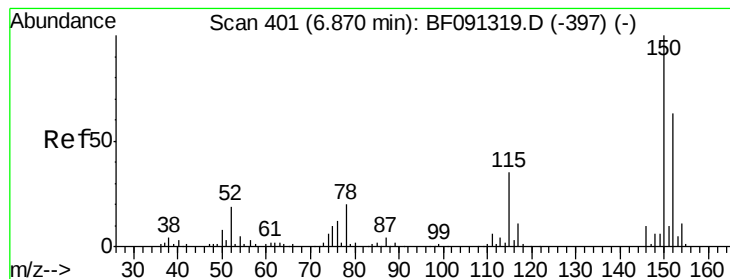
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

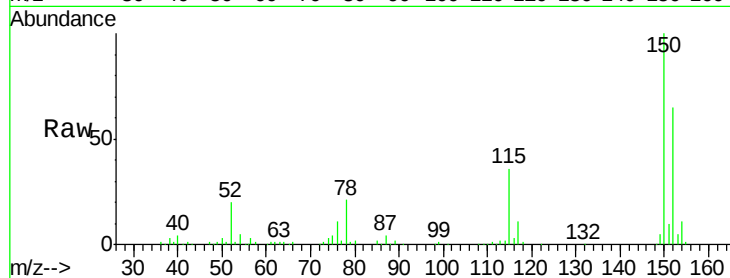
Tot Ion:152 Resp: 141567

Ion Ratio Lower Upper

152 100

150 155.0 122.5 183.7

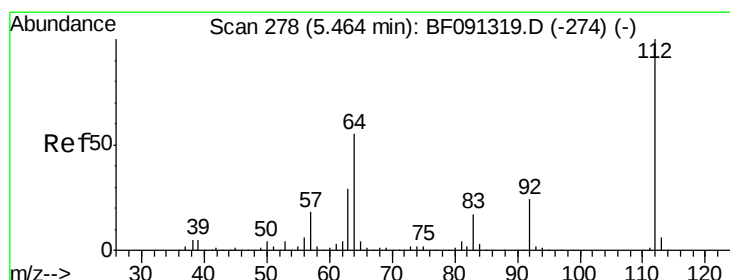
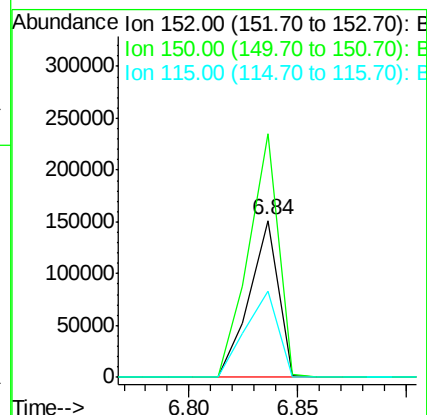
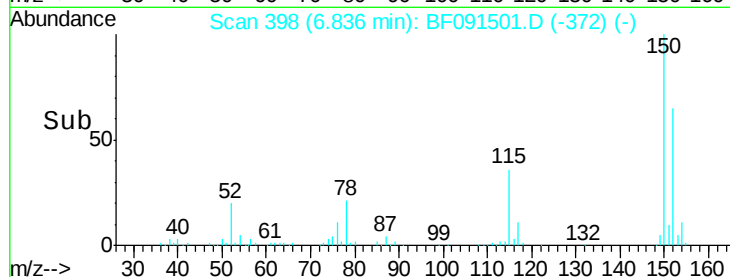
115 55.1 51.8 77.8



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: 113.24 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

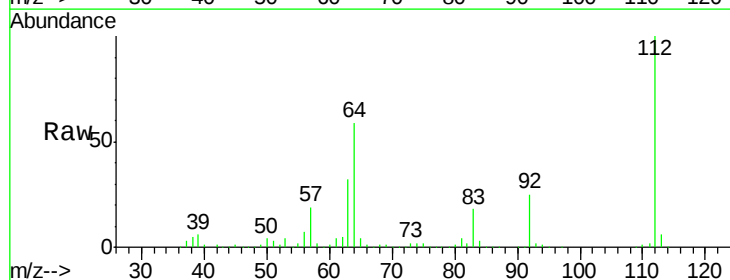
Tgt Ion:112 Resp: 981357

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

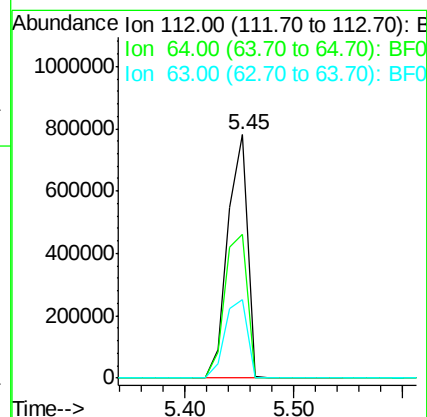
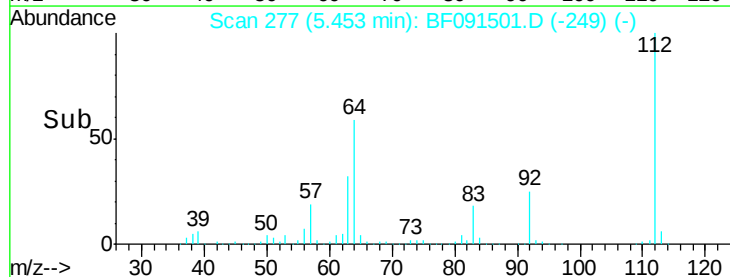
63 32.2 33.3 49.9#

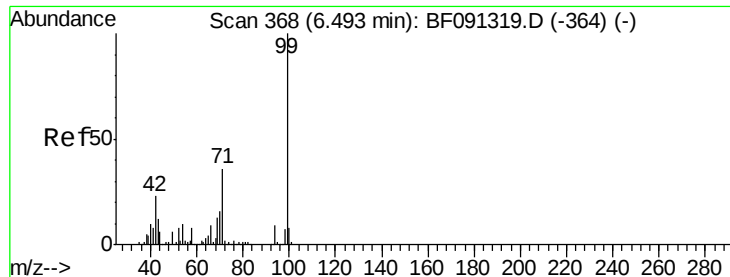


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.11 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

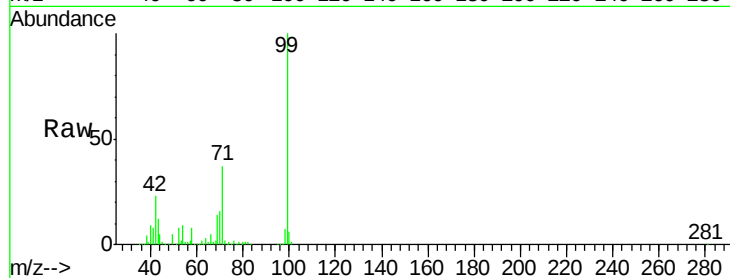
Tot Ion: 99 Resp: 971871

Ion Ratio Lower Upper

99 100

42 22.9 20.6 31.0

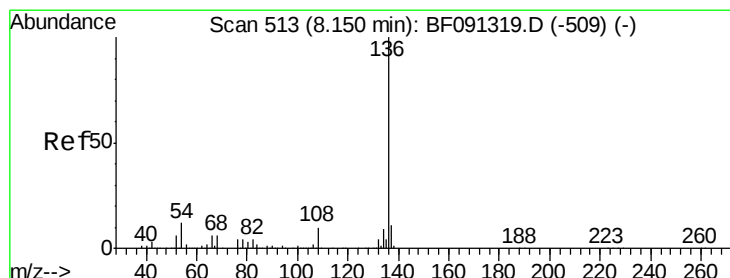
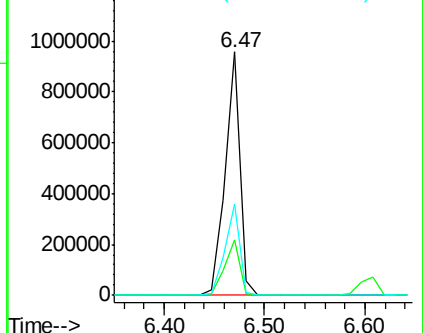
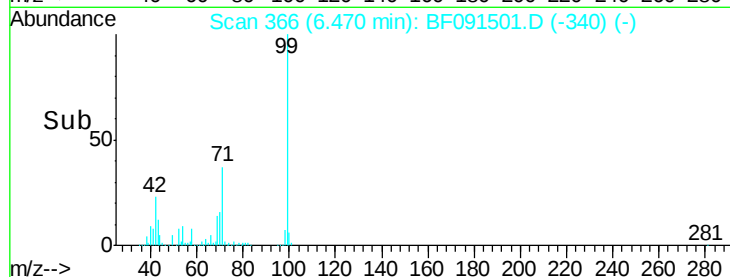
71 37.4 29.9 44.9



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: BF091501.D

Acq: 8 Dec 2016 6:55

Tgt Ion: 136 Resp: 572869

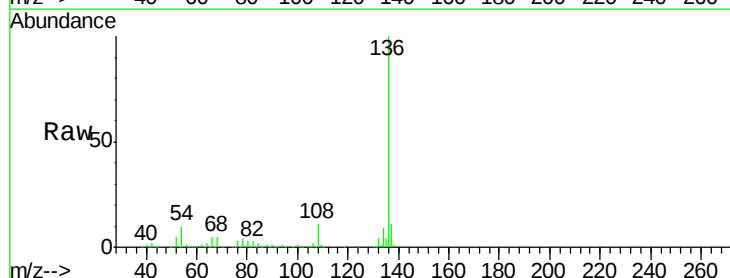
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.0 9.1 13.7

68 4.5 5.9 8.9#

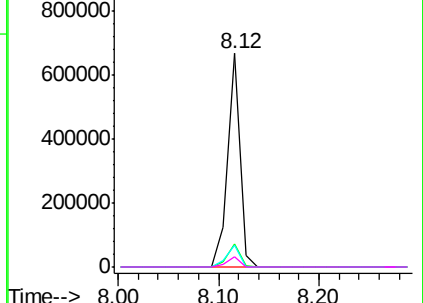
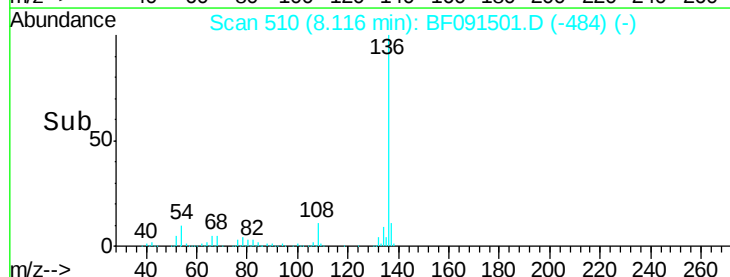


Abundance Ion 136.00 (135.70 to 136.70): E

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

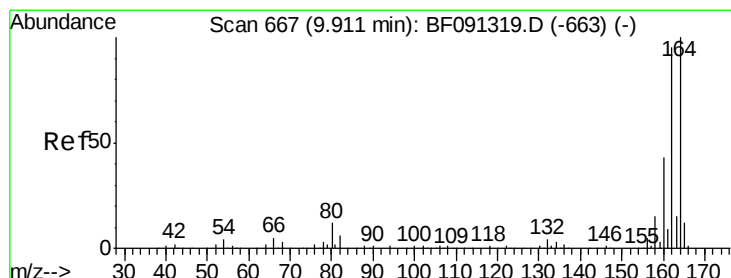
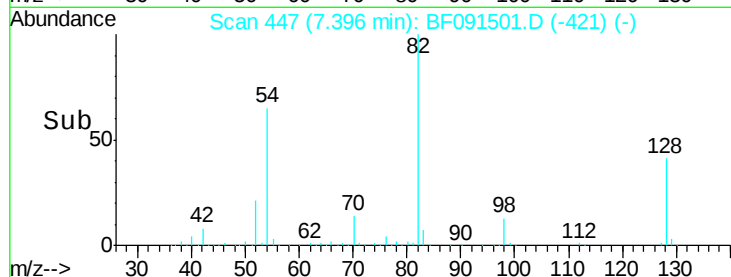
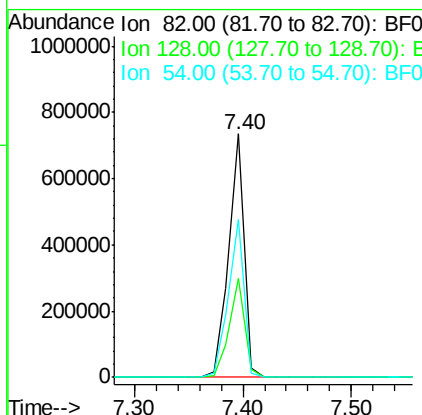
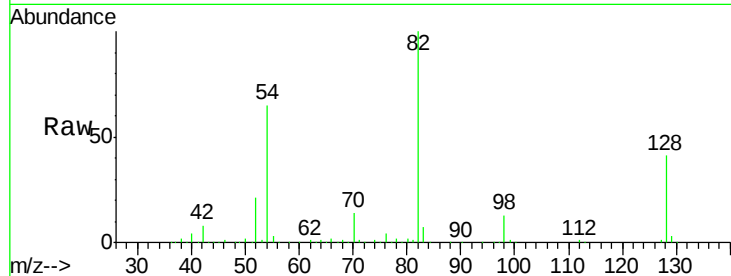




#23
 Nitrobenzene-d5
 Concen: 70.50 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

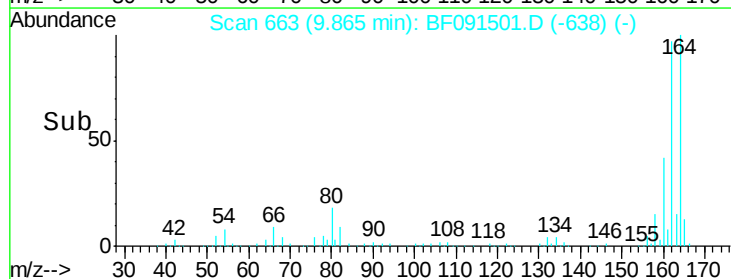
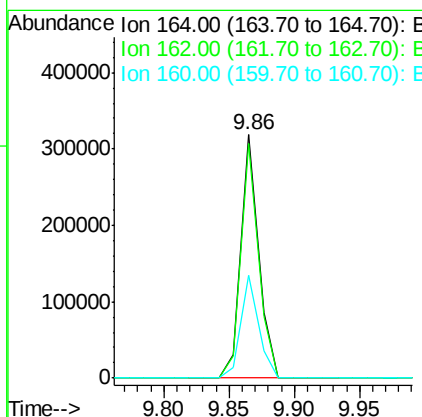
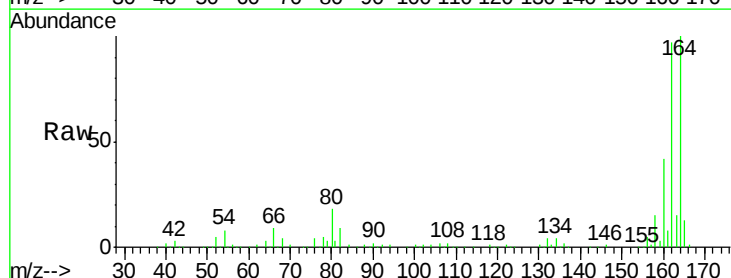
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

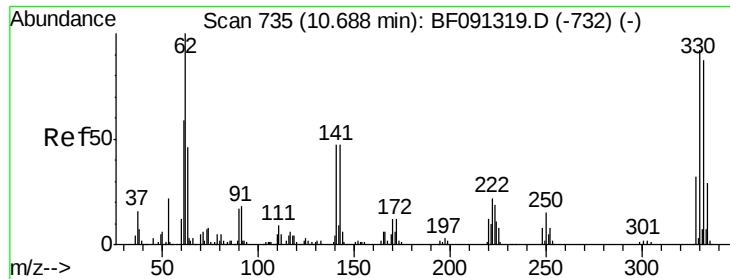
Tot Ion	82	Resp	720727
Ion Ratio	Lower	Upper	
82	100		
128	40.7	31.8	47.6
54	64.8	49.1	73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion	164	Resp	299071
Ion Ratio	Lower	Upper	
164	100		
162	96.6	82.6	124.0
160	42.0	36.7	55.1

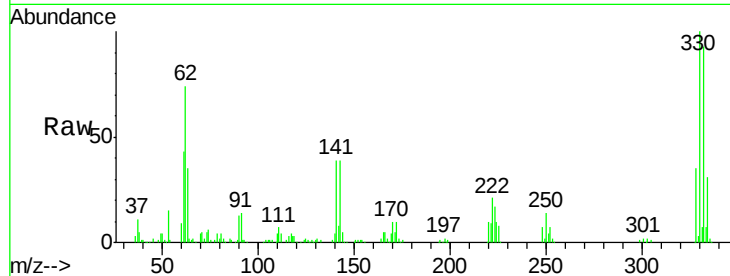




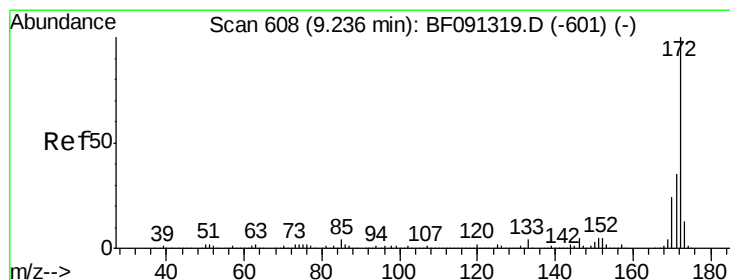
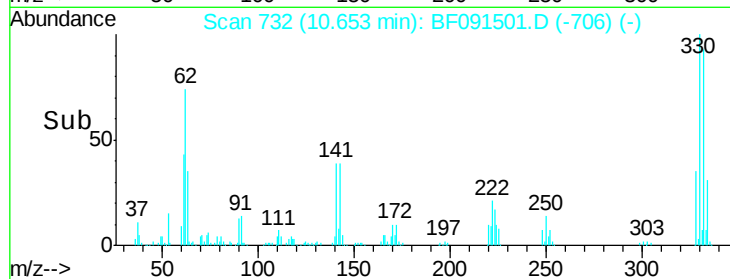
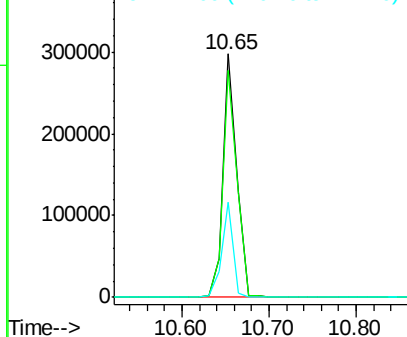
#41
 2,4,6-Tribromophenol
 Concen: 117.15 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-01-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.4	33.6	50.4#

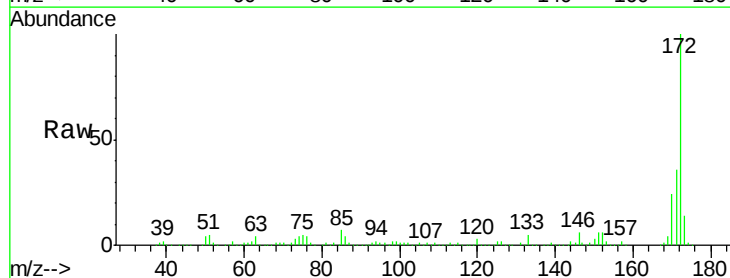


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

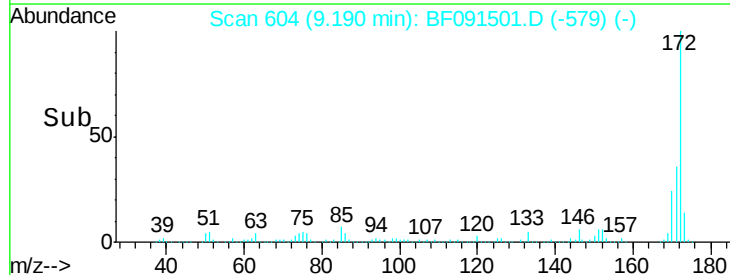
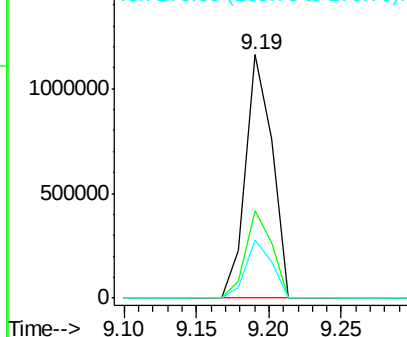


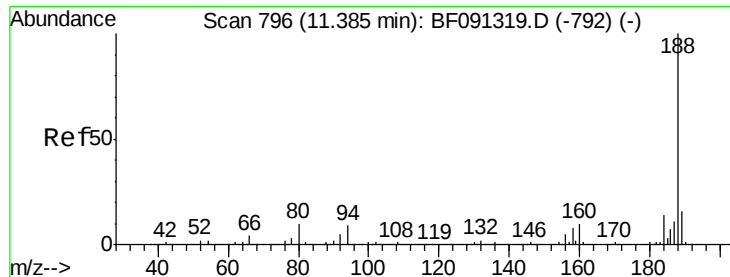
#44
 2-Fluorobiphenyl
 Concen: 89.77 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.7	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

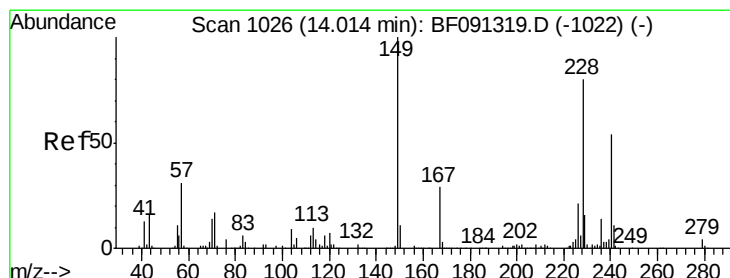
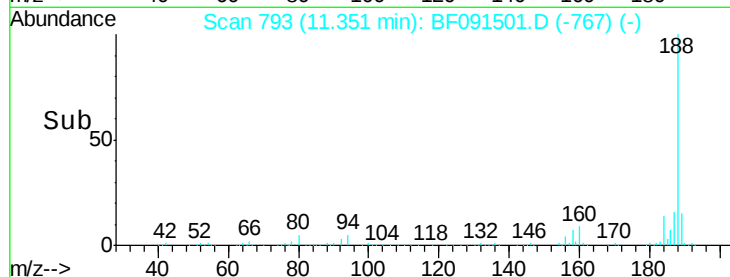
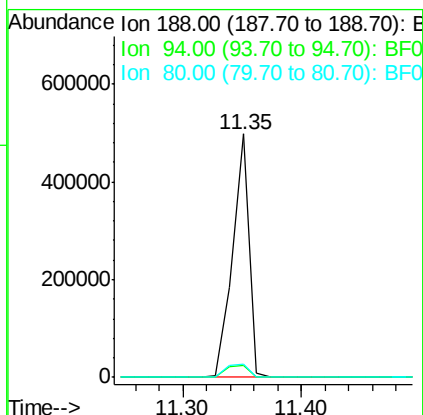
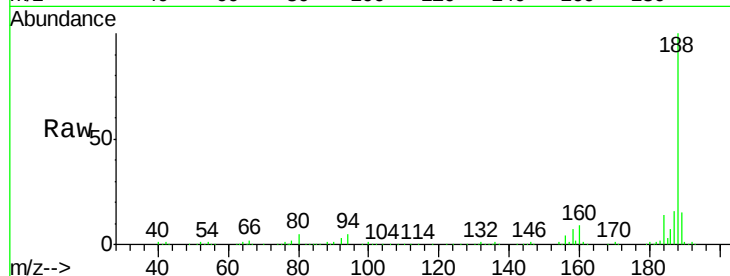




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091501.D
 Acq: 8 Dec 2016 6:55

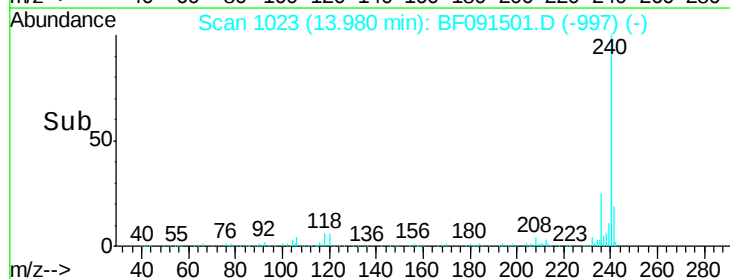
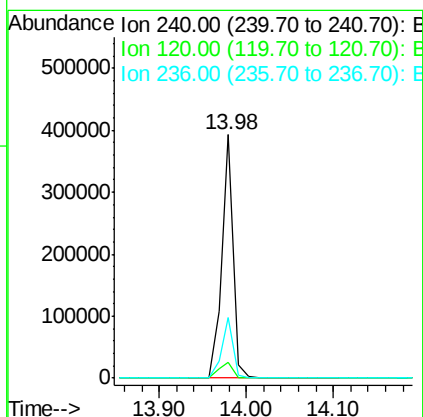
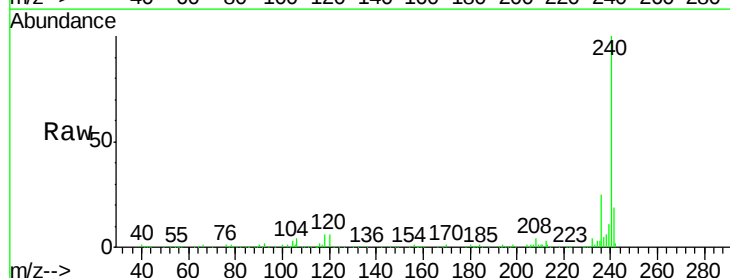
Instrument :
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 N002-WD-OF-01-01

Tot Ion:188 Resp: 481728
 Ion Ratio Lower Upper
 188 100
 94 4.8 9.2 13.8#
 80 5.2 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: BF091501.D
 Acq: 8 Dec 2016 6:55

Tgt Ion:240 Resp: 363970
 Ion Ratio Lower Upper
 240 100
 120 6.4 12.1 18.1#
 236 24.7 21.0 31.6





#78

Terphenyl-d14

Concen: 79.54 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091501.D

Acq: 8 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-01-01

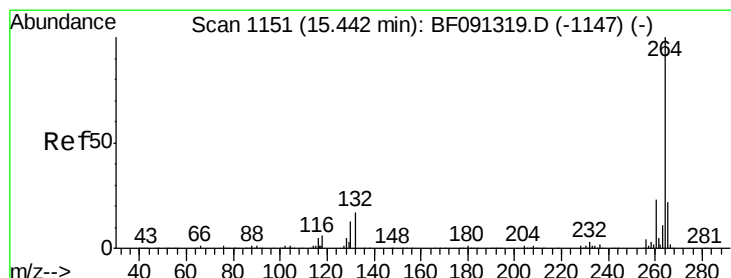
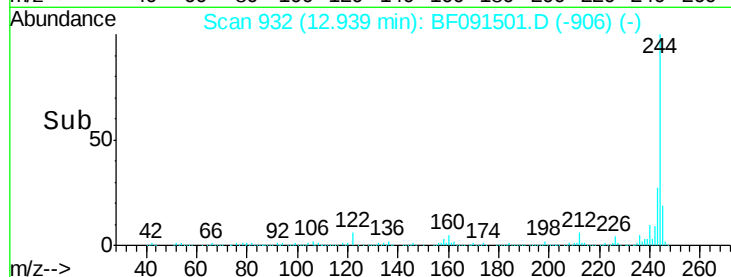
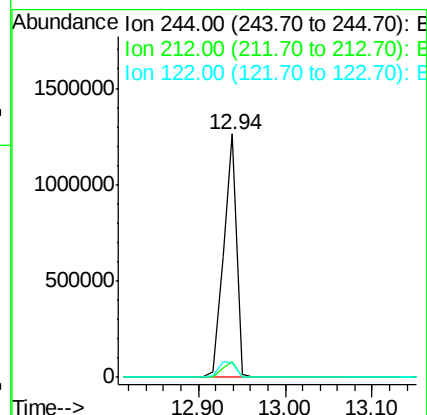
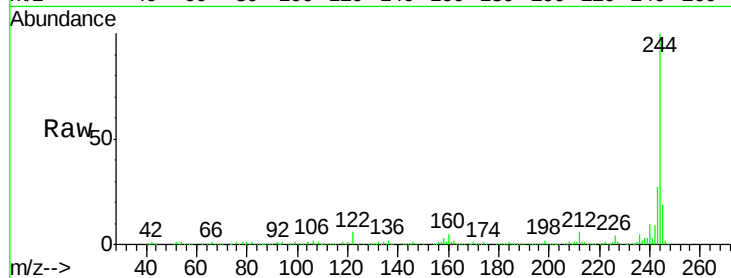
Tot Ion:244 Resp: 1331983

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

122 6.0 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: BF091501.D

Acq: 8 Dec 2016 6:55

Tgt Ion:264 Resp: 307314

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 17.0 25.6

