

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091498.D
 Acq On : 8 Dec 2016 5:31
 Operator : UM/SJ
 Sample : H5867-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Quant Time: Dec 08 06:38:30 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	150173	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	581063	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	265678	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	436640	20.00	ng	0.00
75) Chrysene-d12	13.98	240	330610	20.00	ng	0.00
86) Perylene-d12	15.40	264	144964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	992179	107.93	ng	0.02
7) Phenol-d6	6.47	99	1000878	88.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	831999	80.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	309241	122.95	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1498516	102.13	ng	-0.01
78) Terphenyl-d14	12.94	244	1251016	82.24	ng	0.00

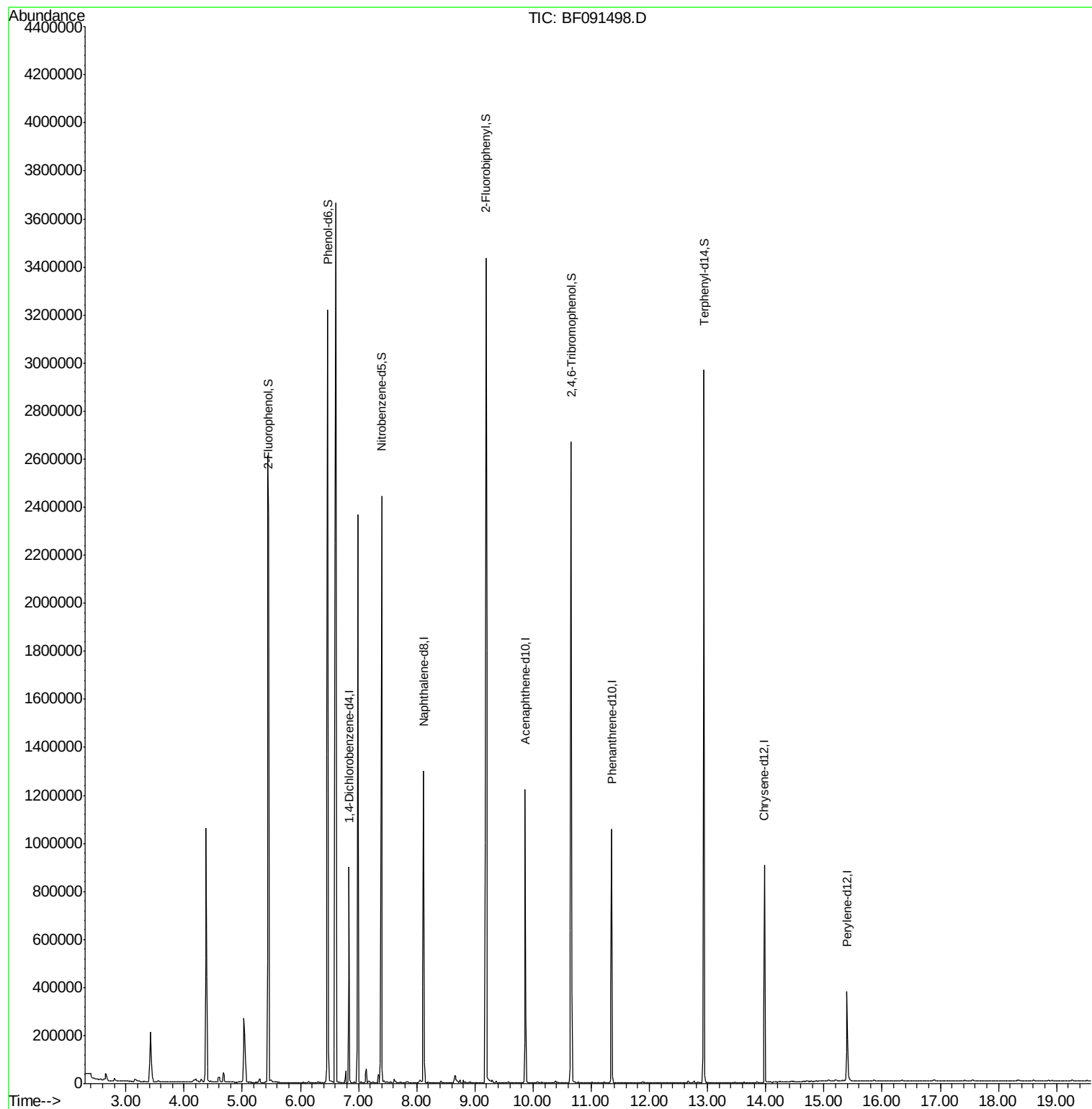
Target Compounds Qvalue

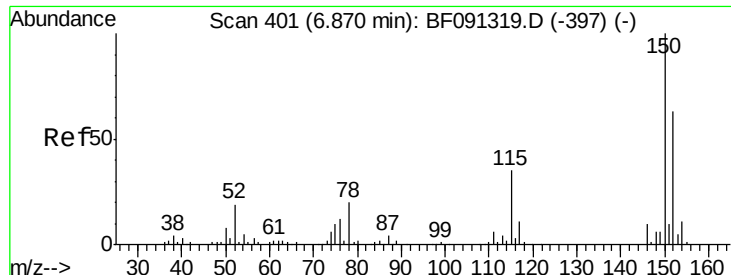
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091498.D

Acq: 8 Dec 2016 5:31

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

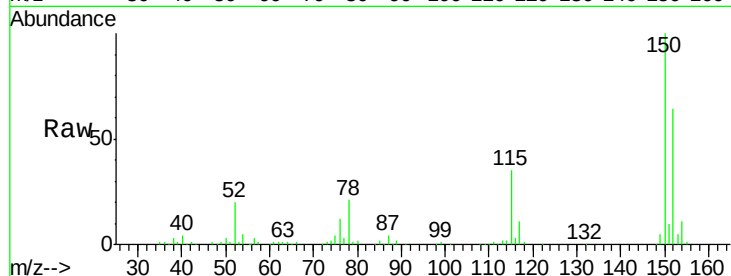
Tot Ion:152 Resp: 150173

Ion Ratio Lower Upper

152 100

150 156.7 122.5 183.7

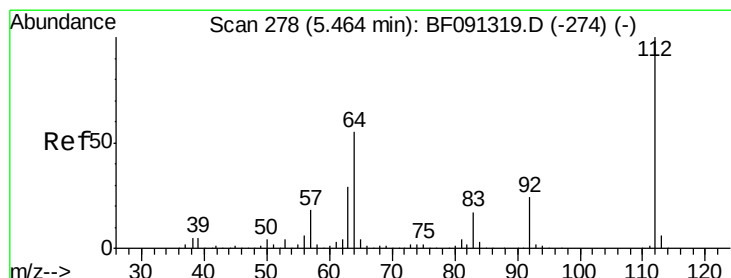
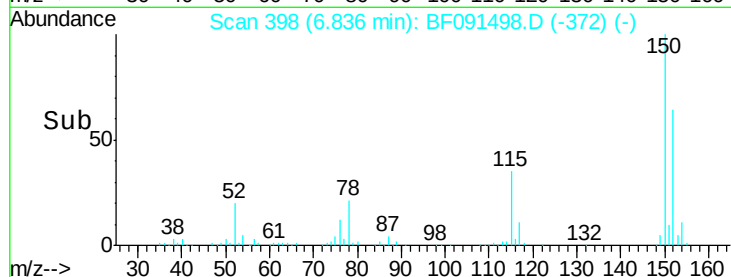
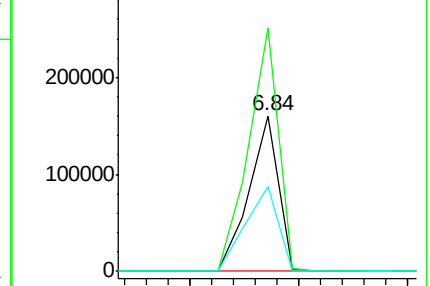
115 54.5 51.8 77.8



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: 107.93 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091498.D

Acq: 8 Dec 2016 5:31

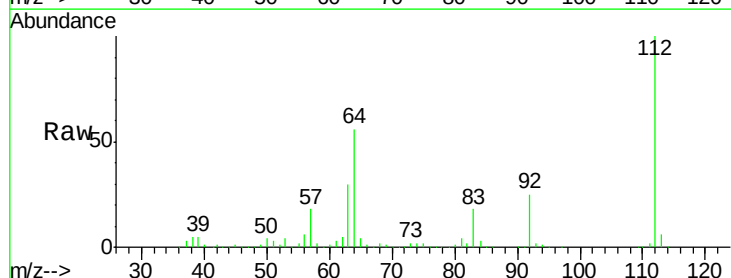
Tgt Ion:112 Resp: 992179

Ion Ratio Lower Upper

112 100

64 56.3 61.5 92.3#

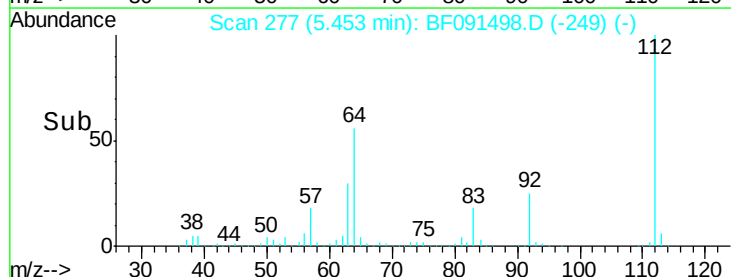
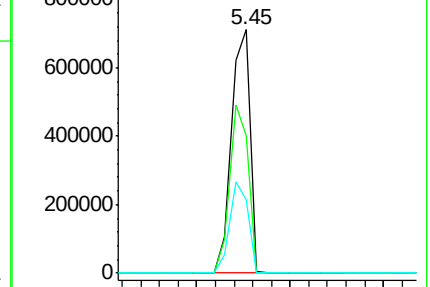
63 29.9 33.3 49.9#

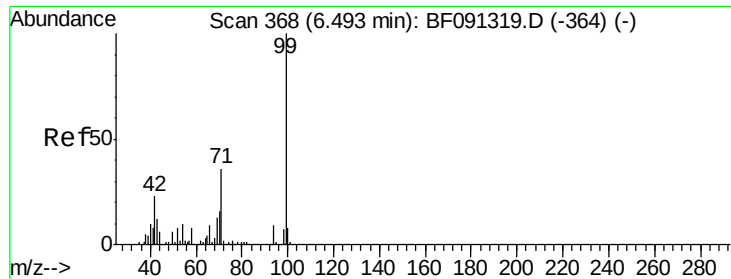


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.45 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091498.D

Acq: 8 Dec 2016 5:31

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

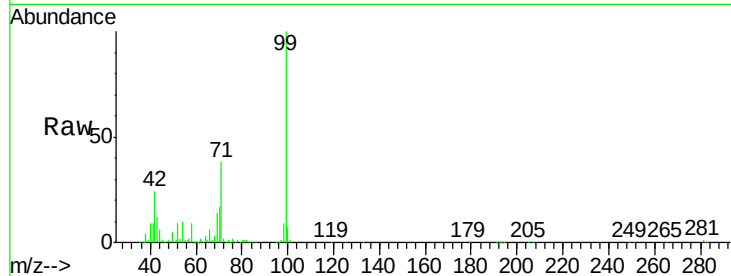
Tot Ion: 99 Resp: 1000878

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

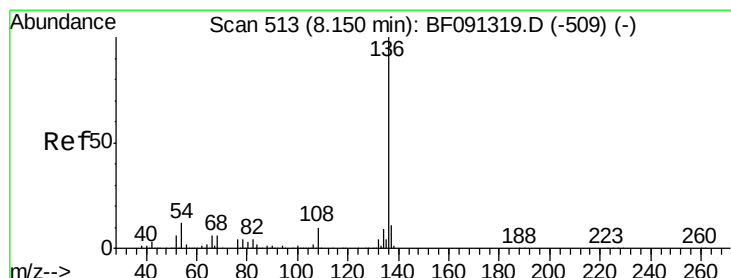
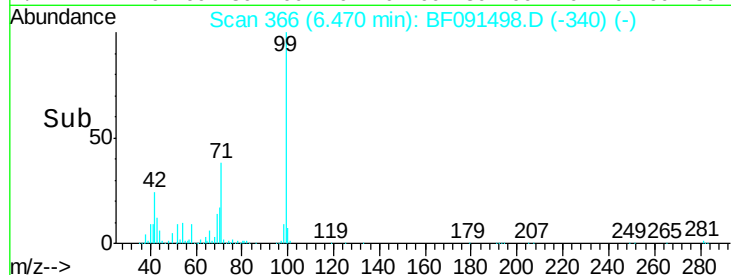
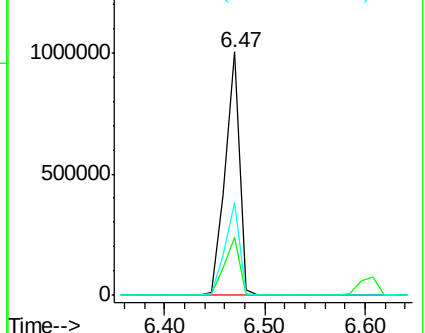
71 37.8 29.9 44.9



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: BF091498.D

Acq: 8 Dec 2016 5:31

Tgt Ion: 136 Resp: 581063

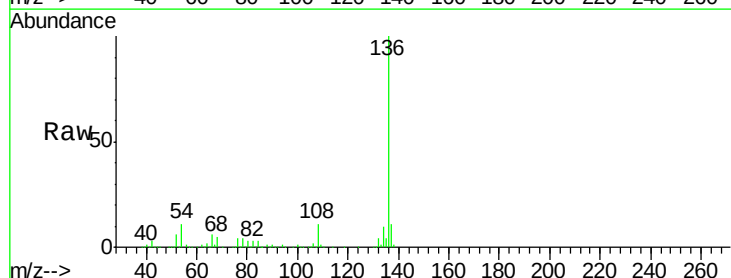
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 11.0 9.1 13.7

68 4.9 5.9 8.9#

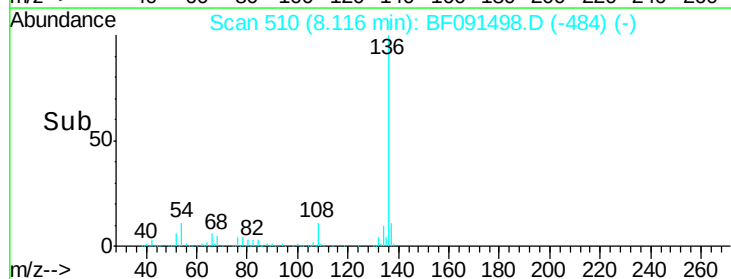
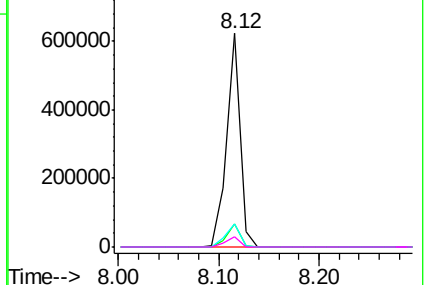


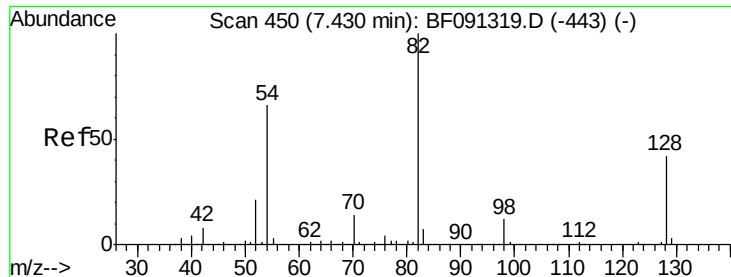
Abundance Ion 136.00 (135.70 to 136.70): E

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

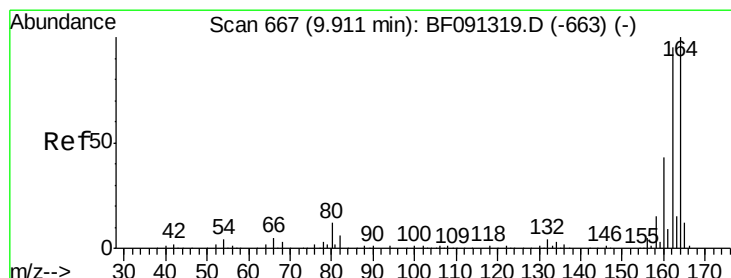
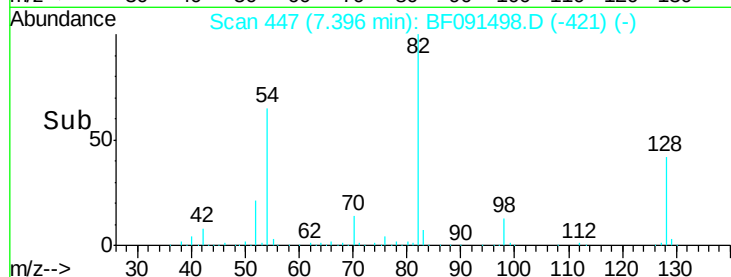
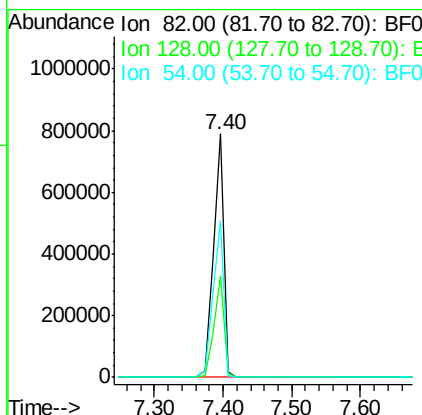
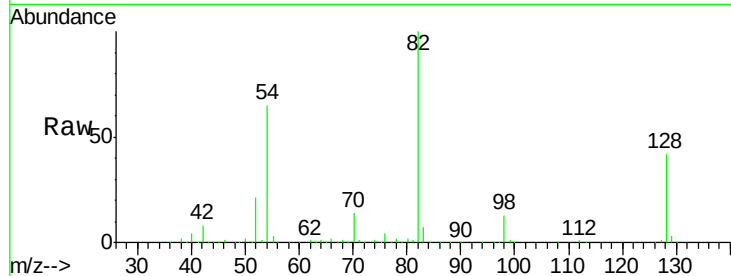




#23
 Nitrobenzene-d5
 Concen: 80.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

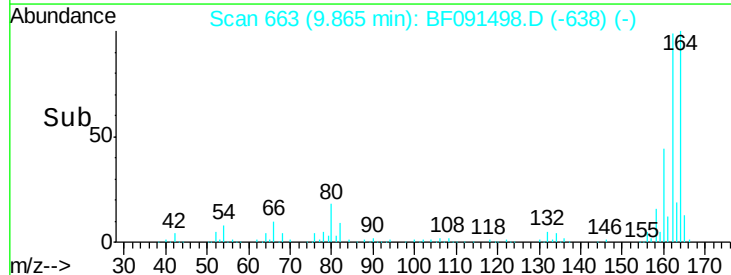
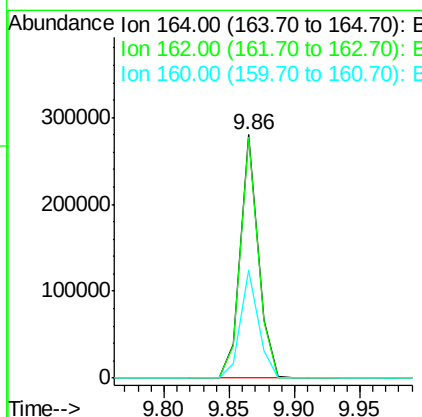
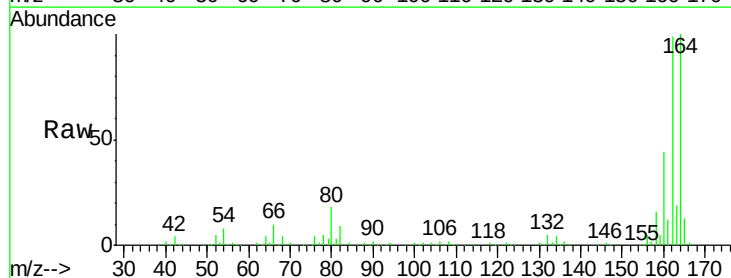
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

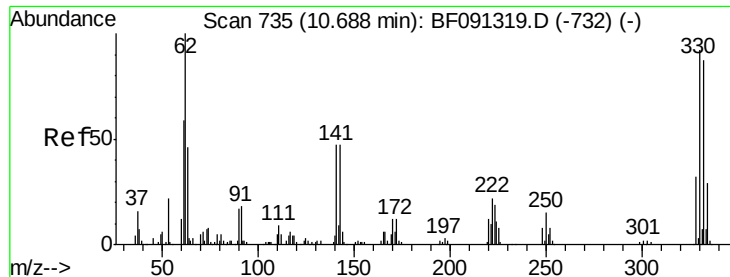
Tot Ion: 82 Resp: 831999
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.8 47.6
 54 64.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion: 164 Resp: 265678
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.6 124.0
 160 44.5 36.7 55.1

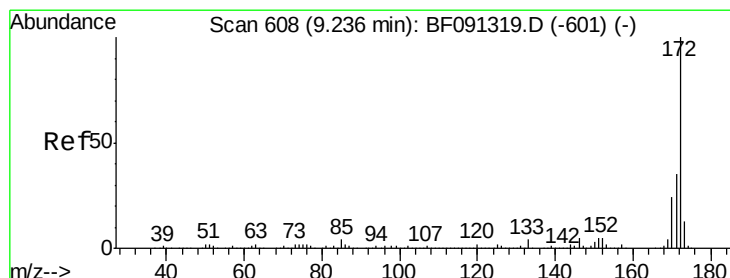
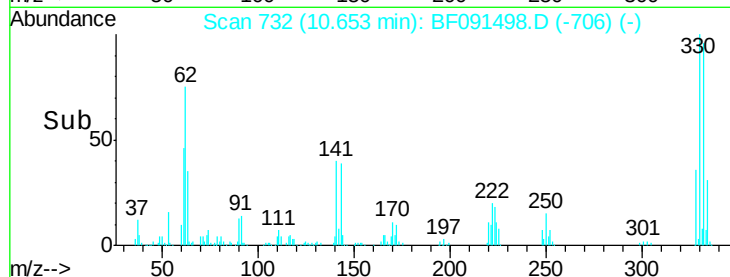
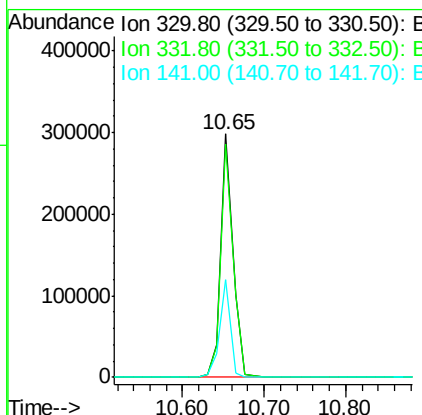
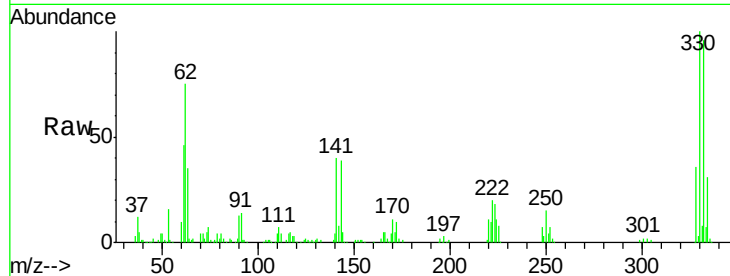




#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

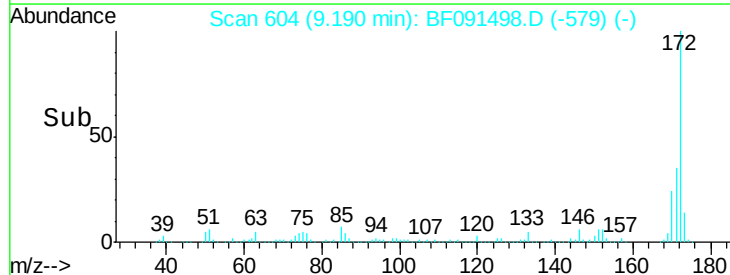
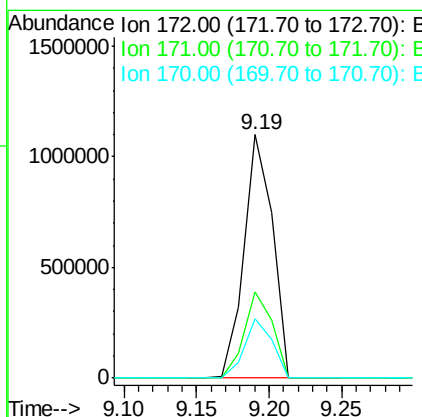
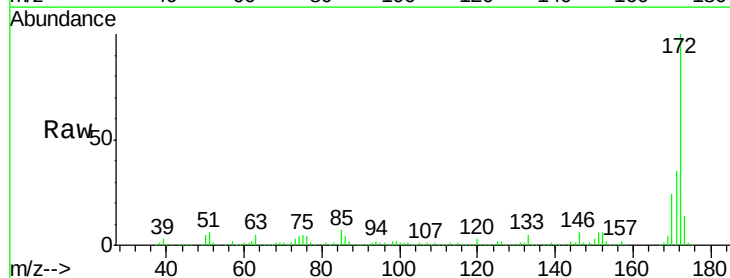
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

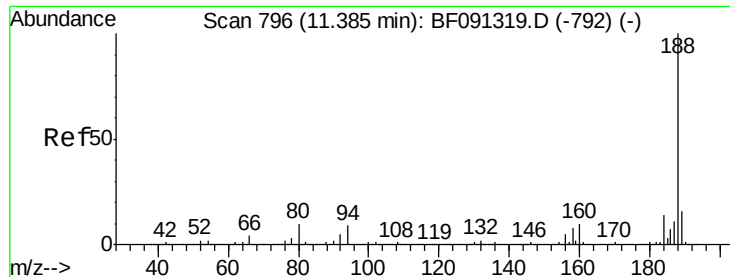
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	35.0	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 102.13 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.3	19.7	29.5

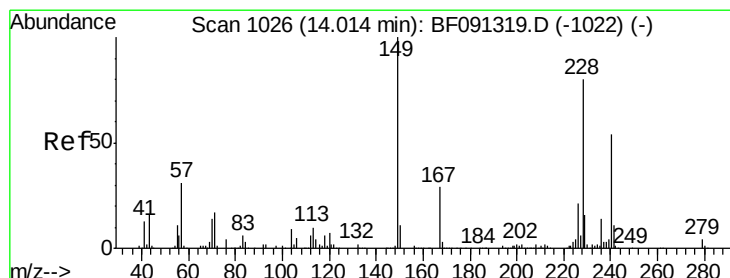
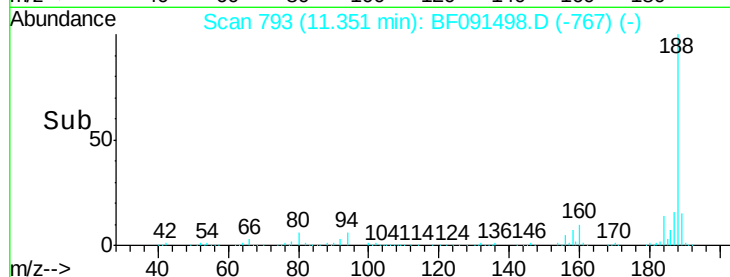
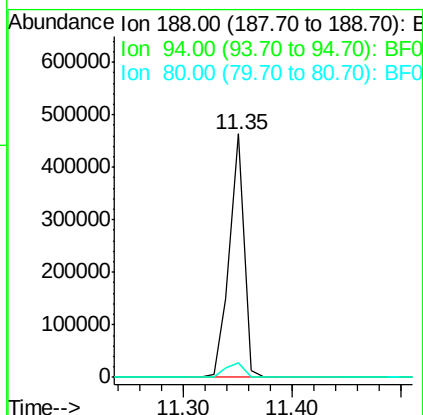
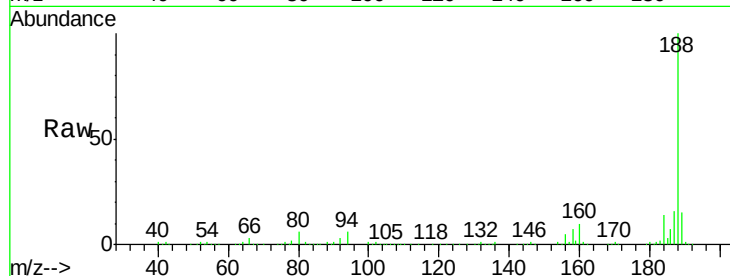




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

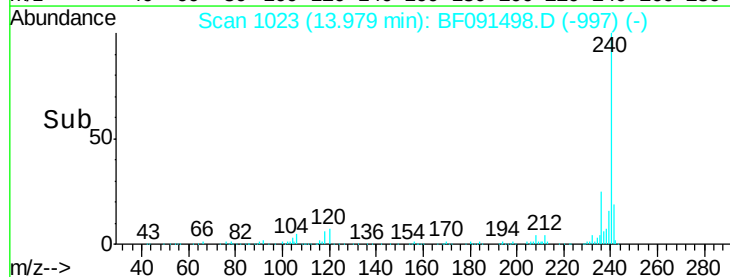
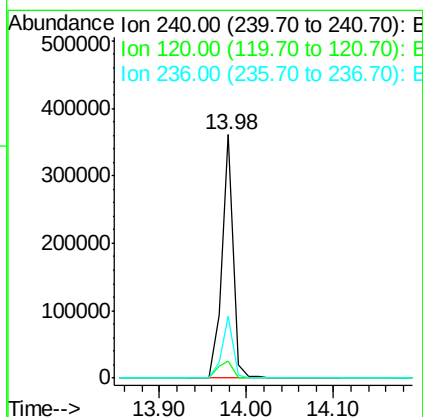
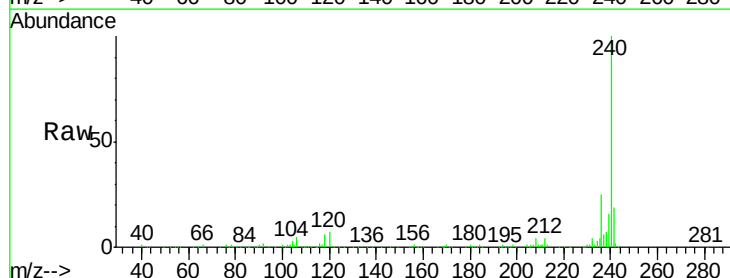
Instrument :
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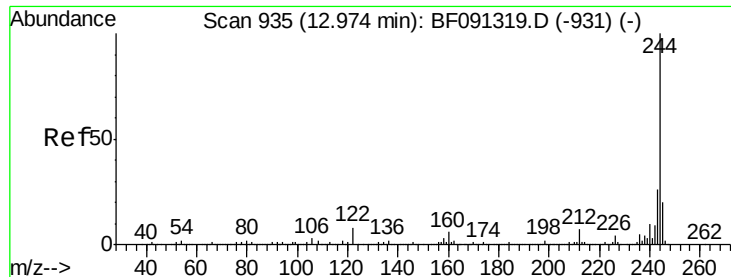
Tot Ion:188 Resp: 436640
Ion Ratio Lower Upper
188 100
94 5.8 9.2 13.8#
80 5.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Tgt Ion:240 Resp: 330610
Ion Ratio Lower Upper
240 100
120 7.0 12.1 18.1#
236 25.2 21.0 31.6



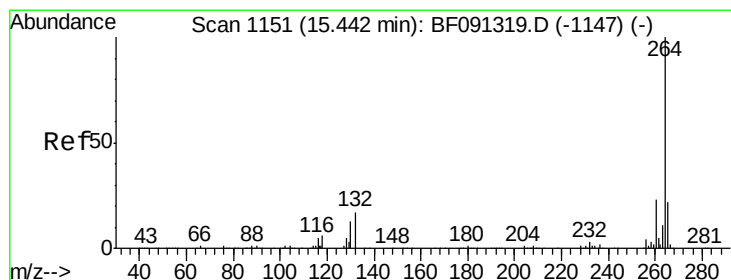
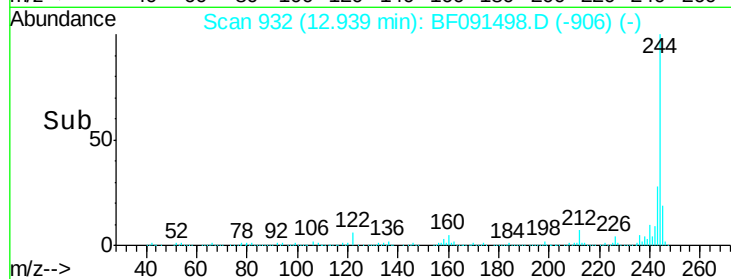
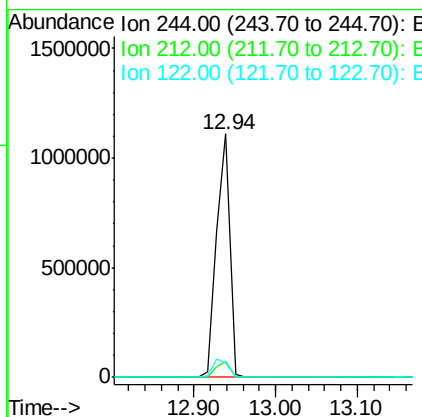
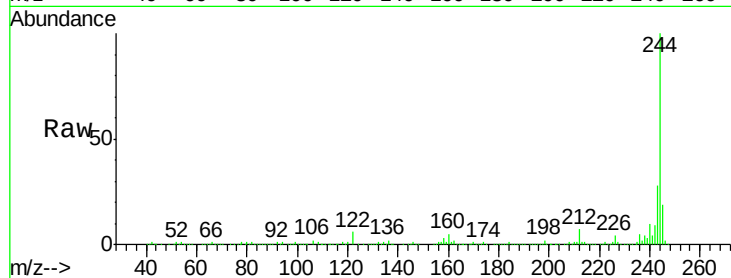


#78
 Terphenyl-d14
 Concen: 82.24 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Tot Ion:244 Resp: 1251016

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	6.1	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: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion:264 Resp: 144964

Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.8	28.2
265	20.9	17.0	25.6

