

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091497.D
 Acq On : 8 Dec 2016 5:04
 Operator : UM/SJ
 Sample : H5867-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Quant Time: Dec 08 06:37:29 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	146369	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	563003	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	292119	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	448142	20.00	ng	0.00
75) Chrysene-d12	13.98	240	347735	20.00	ng	0.00
86) Perylene-d12	15.40	264	268881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1017790	113.60	ng	0.02
7) Phenol-d6	6.47	99	963386	87.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	756333	75.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	315959	114.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1422162	88.15	ng	-0.01
78) Terphenyl-d14	12.94	244	1244665	77.80	ng	0.00

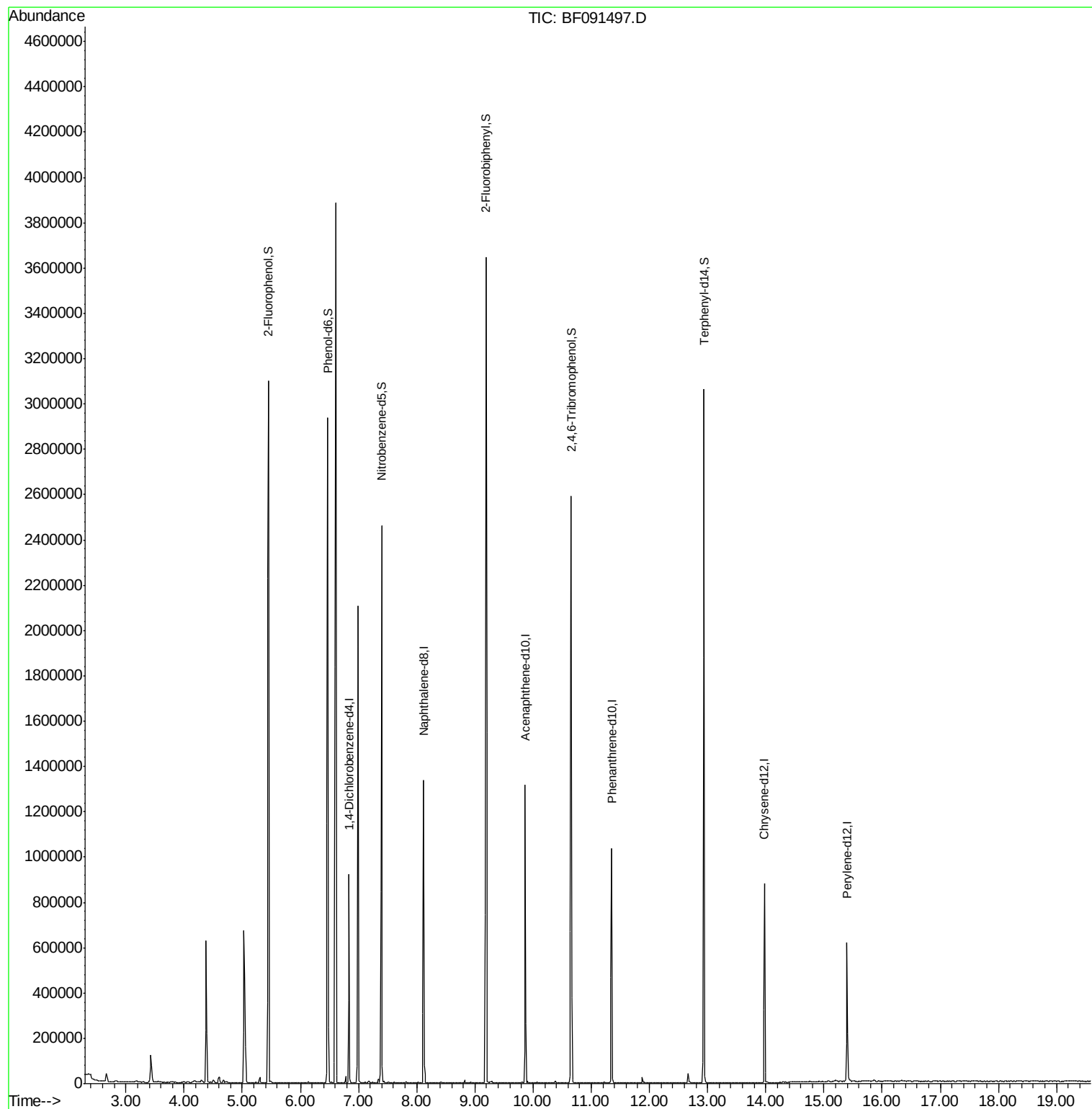
Target Compounds Qvalue

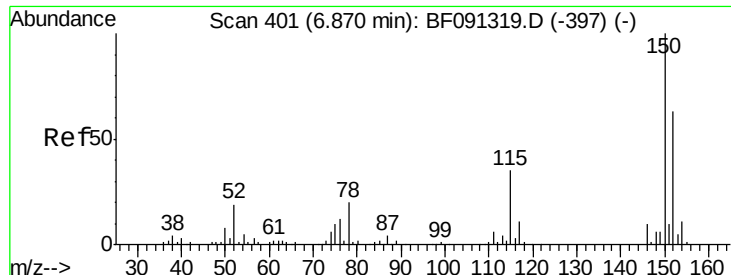
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

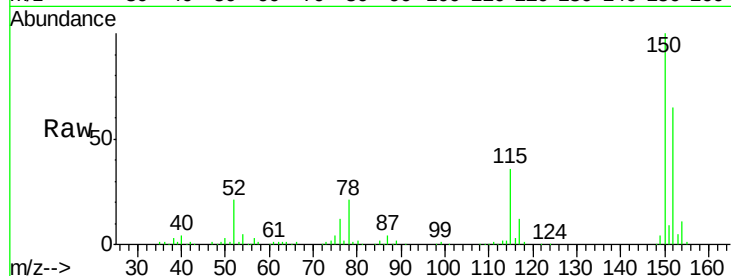
Tot Ion:152 Resp: 146369

Ion Ratio Lower Upper

152 100

150 154.3 122.5 183.7

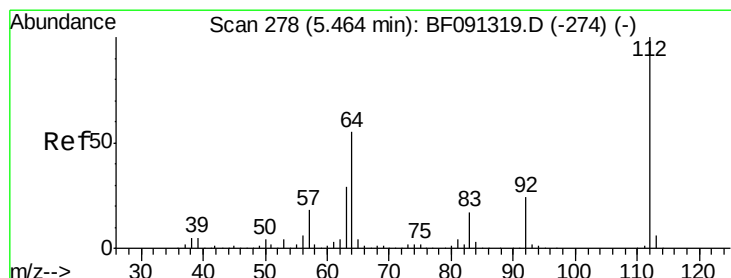
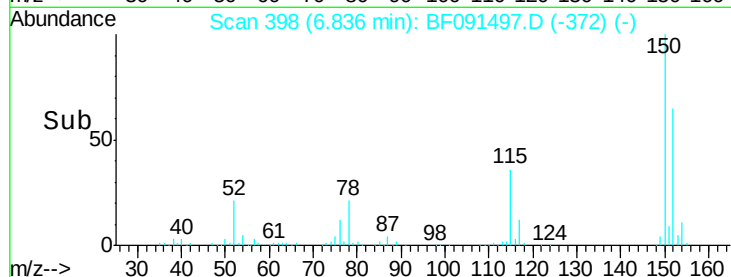
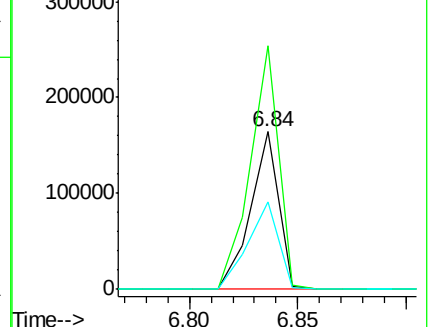
115 55.1 51.8 77.8



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: 113.60 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

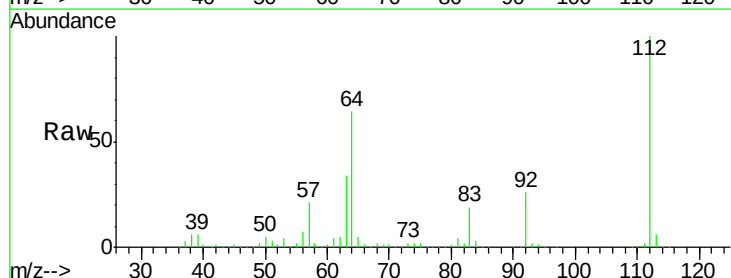
Tgt Ion:112 Resp: 1017790

Ion Ratio Lower Upper

112 100

64 63.6 61.5 92.3

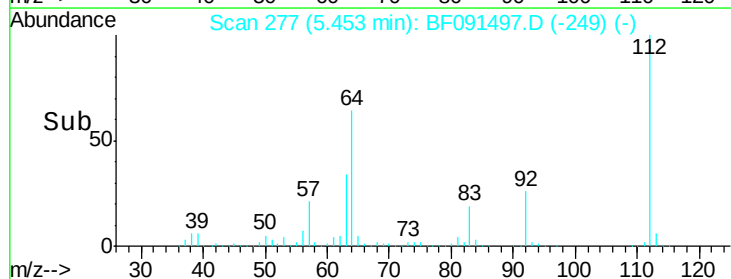
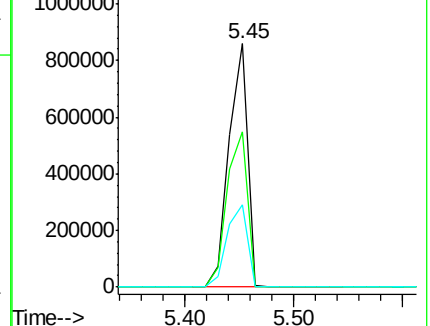
63 33.9 33.3 49.9

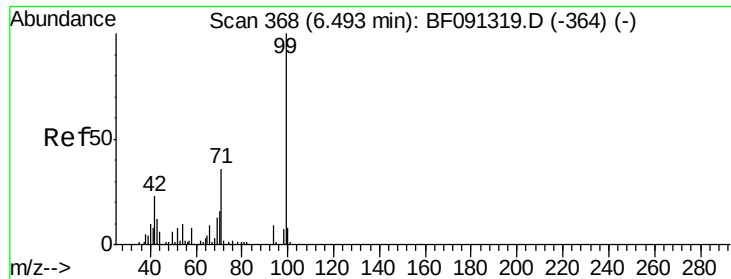


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.35 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

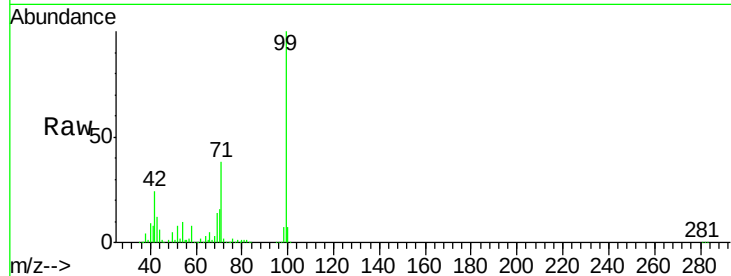
Tot Ion: 99 Resp: 963386

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

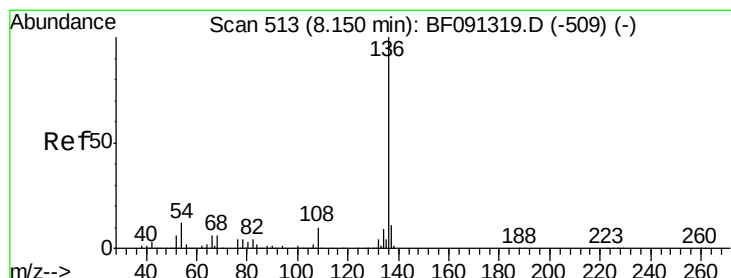
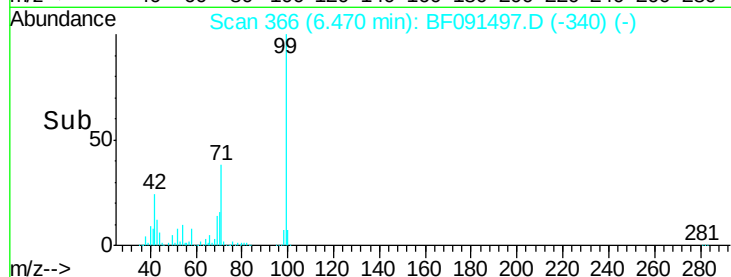
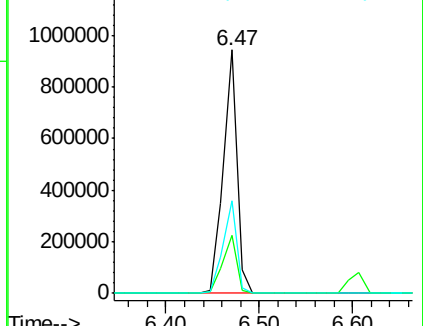
71 37.8 29.9 44.9



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: BF091497.D

Acq: 8 Dec 2016 5:04

Tgt Ion: 136 Resp: 563003

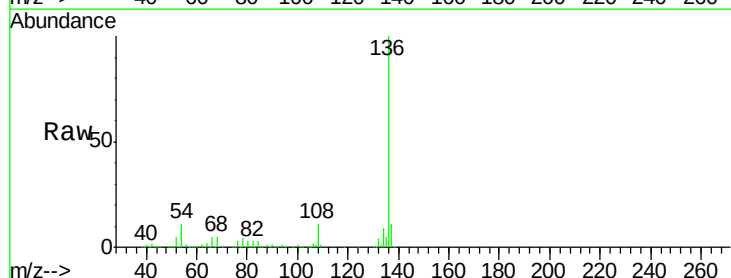
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.7 9.1 13.7

68 4.7 5.9 8.9#

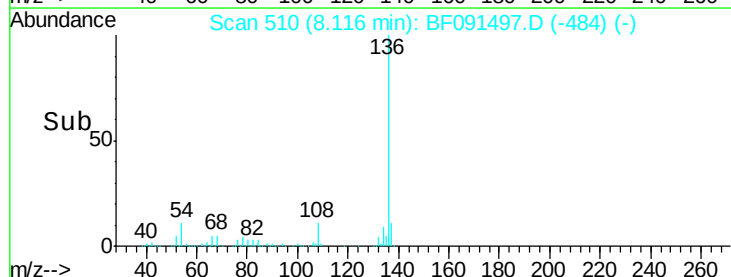
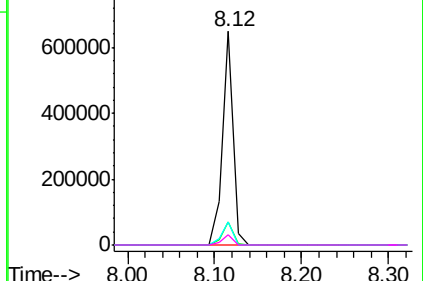


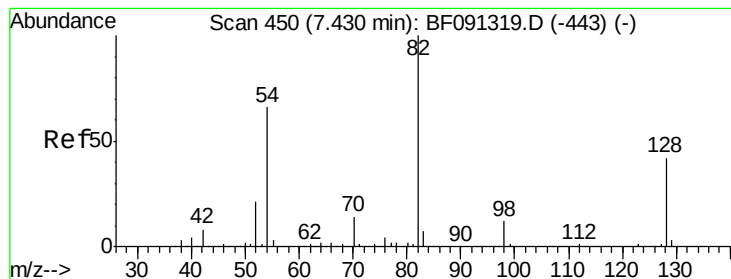
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.28 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

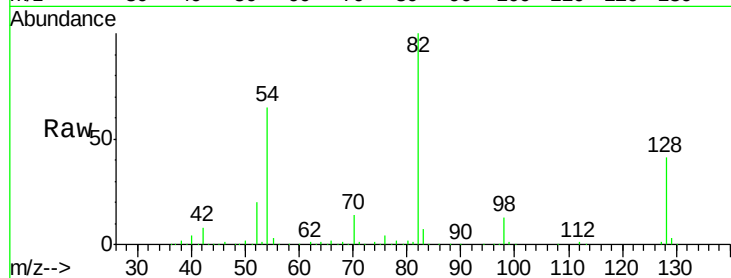
Tot Ion: 82 Resp: 756333

Ion Ratio Lower Upper

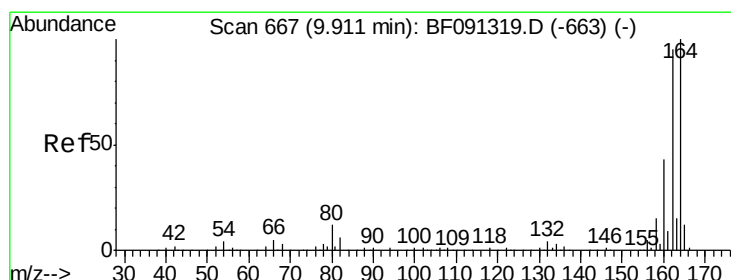
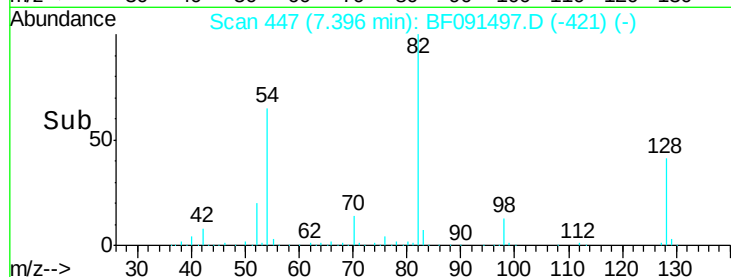
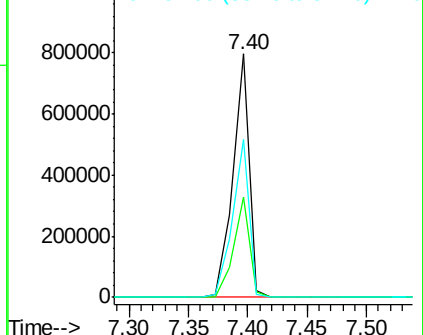
82 100

128 41.2 31.8 47.6

54 65.0 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: 9.86 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

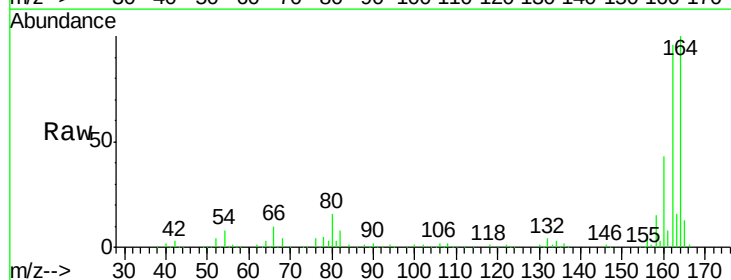
Tgt Ion: 164 Resp: 292119

Ion Ratio Lower Upper

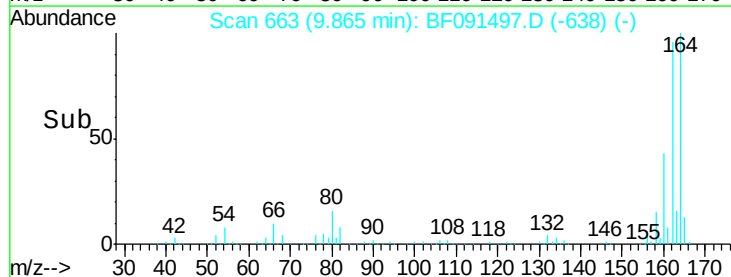
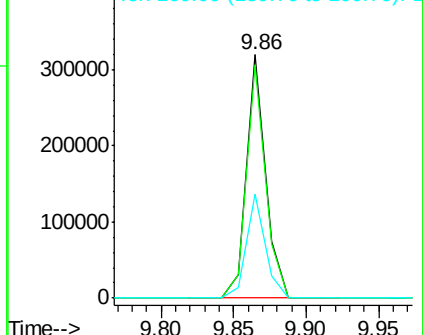
164 100

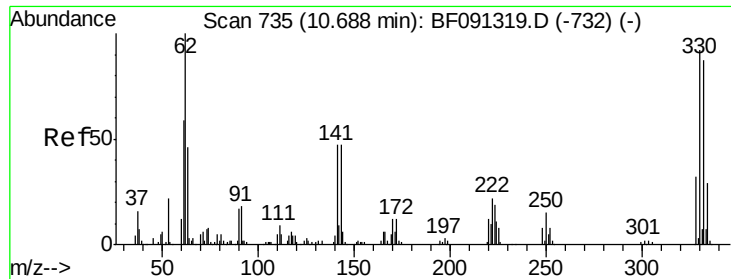
162 96.1 82.6 124.0

160 42.6 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

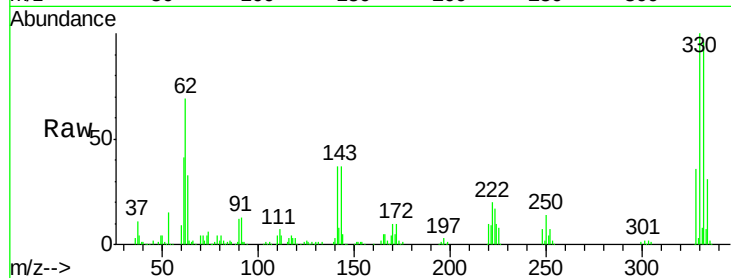




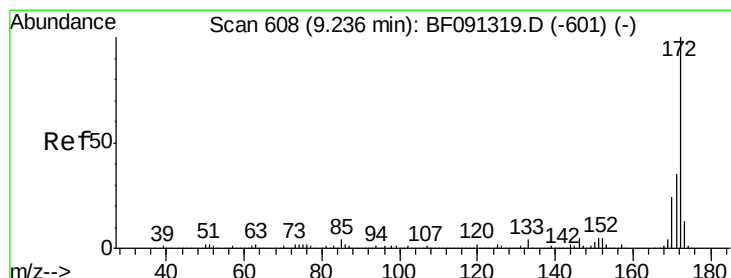
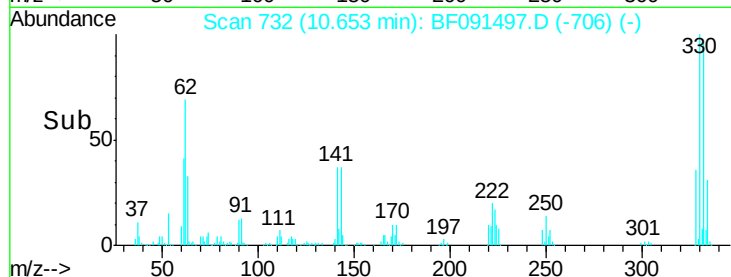
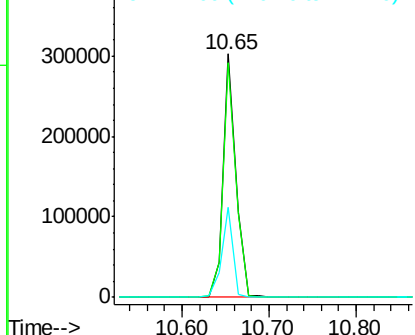
#41
 2,4,6-Tribromophenol
 Concen: 114.25 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tot Ion:330 Resp: 315959
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 32.4 33.6 50.4#

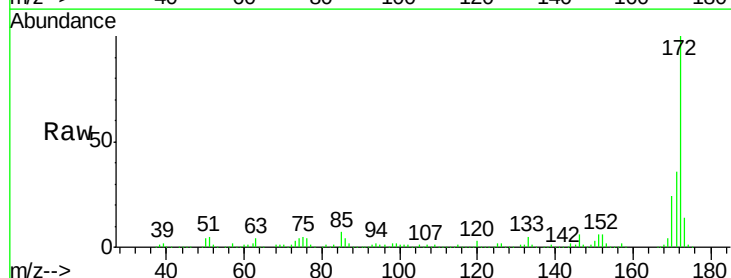


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

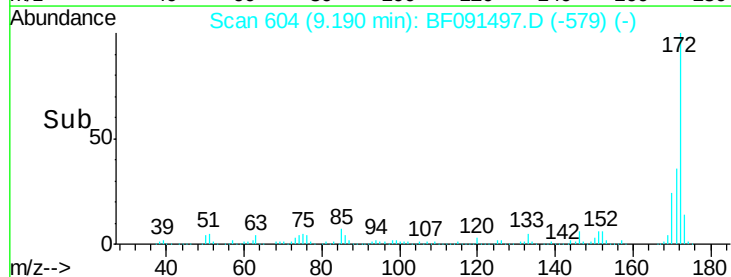
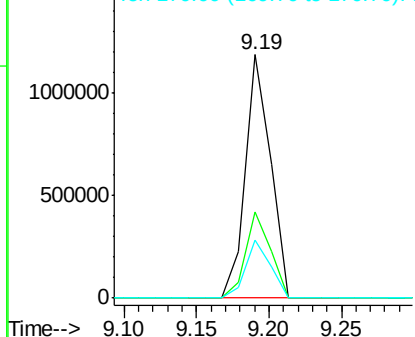


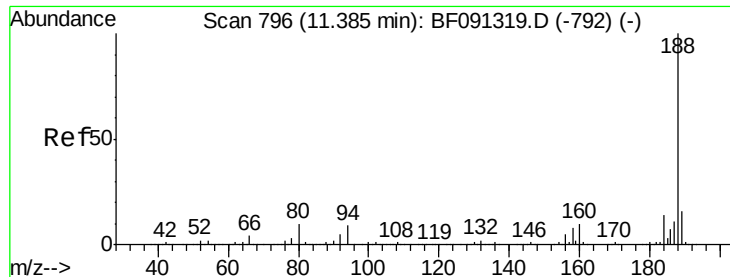
#44
 2-Fluorobiphenyl
 Concen: 88.15 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Tgt Ion:172 Resp: 1422162
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 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

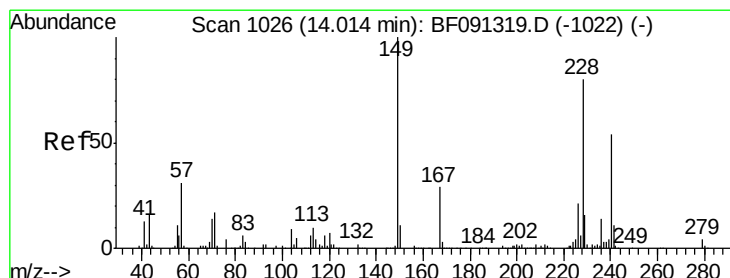
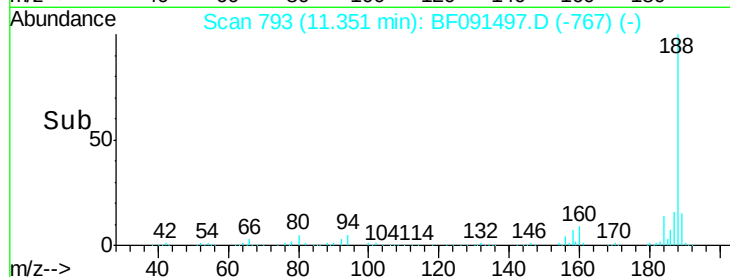
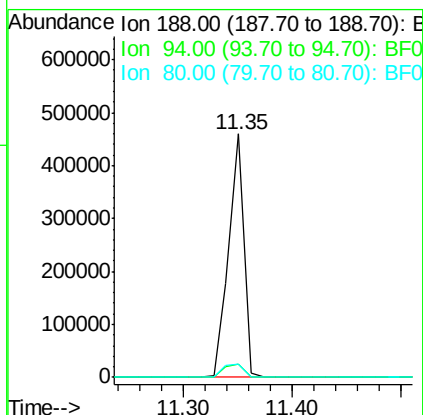
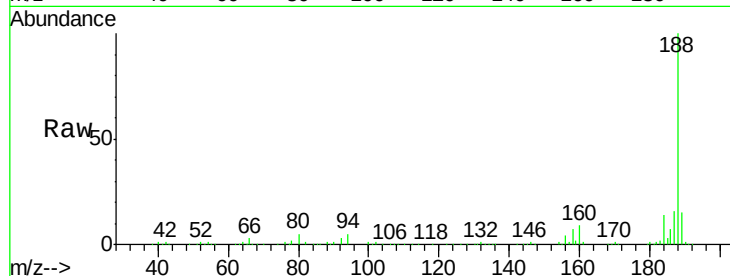




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

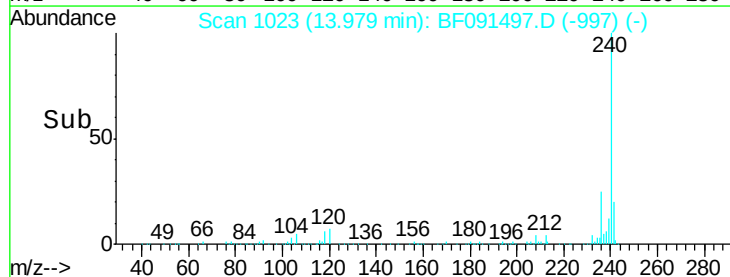
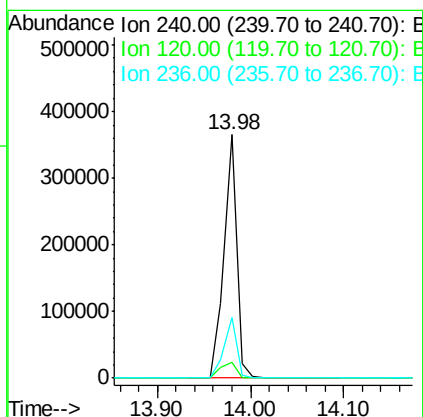
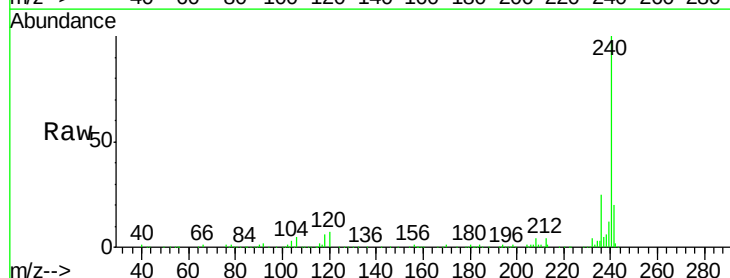
Instrument :
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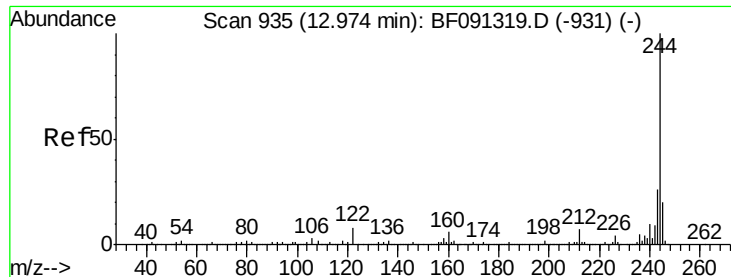
Tot Ion:188 Resp: 448142
Ion Ratio Lower Upper
188 100
94 5.2 9.2 13.8#
80 5.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

Tgt Ion:240 Resp: 347735
Ion Ratio Lower Upper
240 100
120 6.6 12.1 18.1#
236 25.1 21.0 31.6

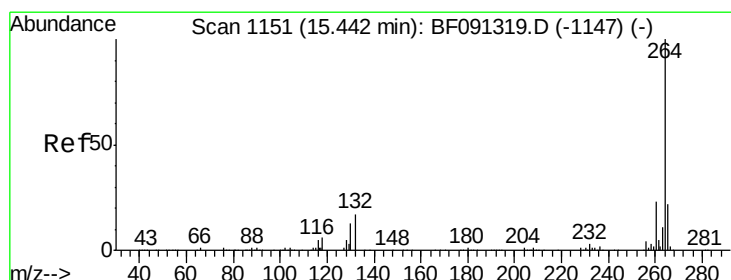
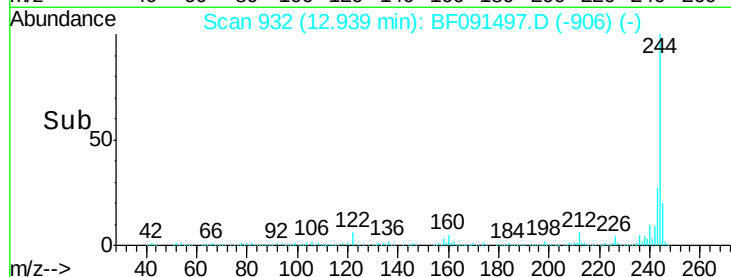
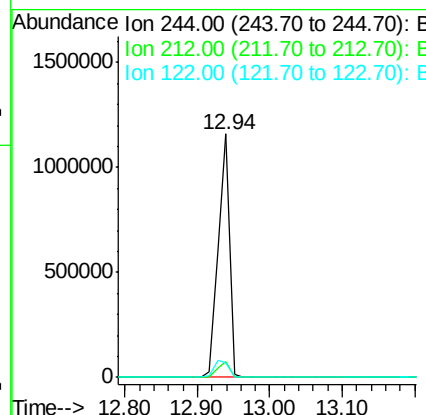
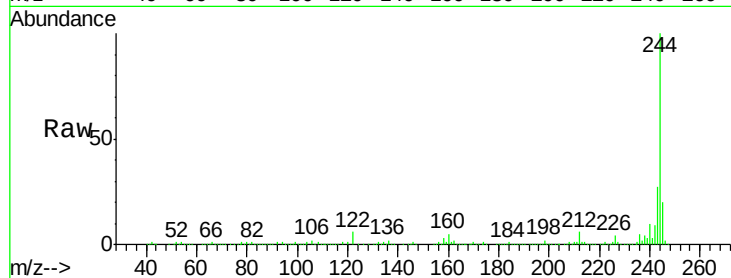




#78
 Terphenyl-d14
 Concen: 77.80 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tot Ion:244 Resp: 1244665
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.9 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: BF091497.D
 Acq: 8 Dec 2016 5:04

Tgt Ion:264 Resp: 268881
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.6

