

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120616\
 Data File : BF091459.D
 Acq On : 6 Dec 2016 15:30
 Operator : UM/SJ
 Sample : H5840-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-B

Quant Time: Dec 07 00:37:01 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	114972	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	453981	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	271888	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	407264	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	289788	20.00	ng	-0.01
86) Perylene-d12	15.41	264	244600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	196134	27.87	ng	-0.01
7) Phenol-d6	6.46	99	152737	17.63	ng	-0.01
23) Nitrobenzene-d5	7.41	82	718157	88.65	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	161193	62.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1291248	85.99	ng	0.00
78) Terphenyl-d14	12.94	244	1205564	90.42	ng	0.00

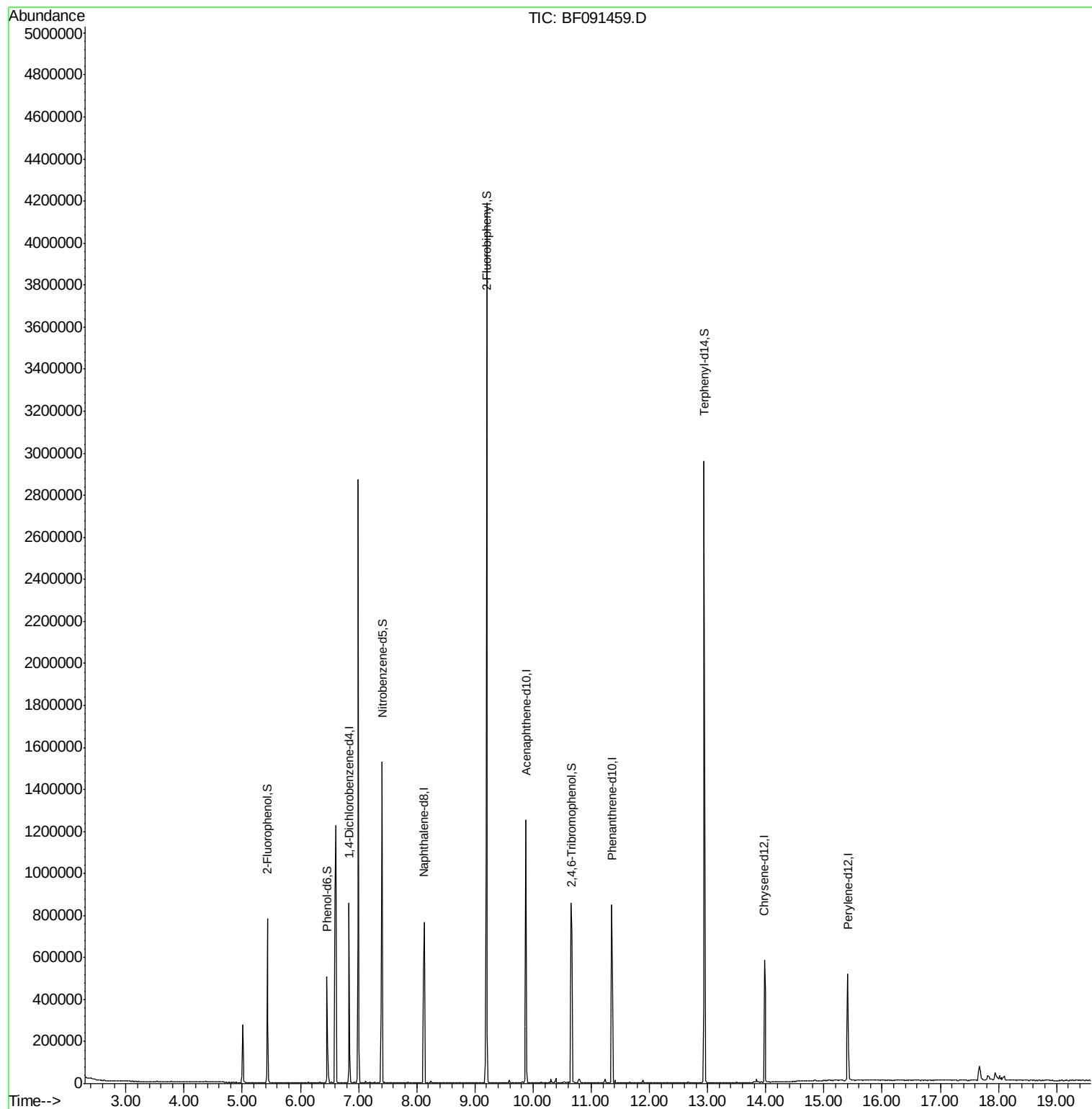
Target Compounds Qvalue

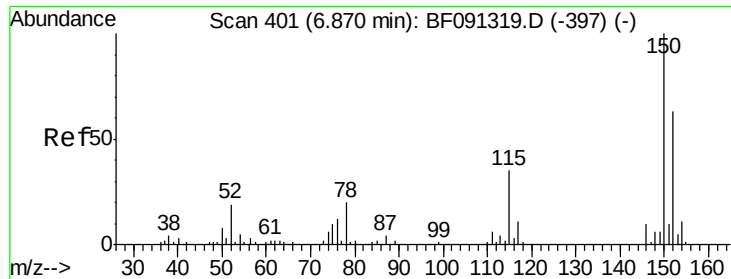
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

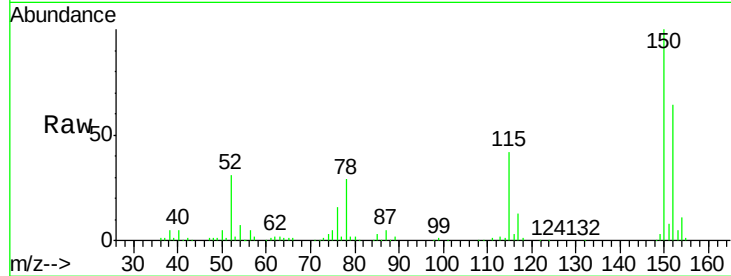
Tot Ion:152 Resp: 114972

Ion Ratio Lower Upper

152 100

150 155.6 122.5 183.7

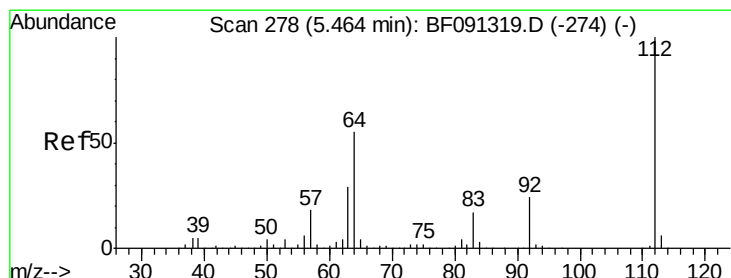
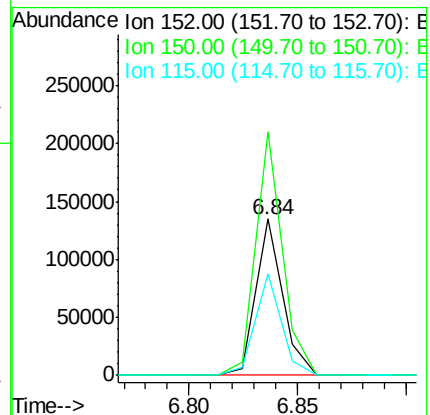
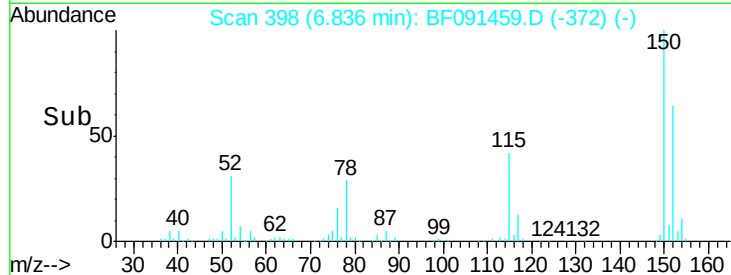
115 65.3 51.8 77.8



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: 27.87 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.01 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

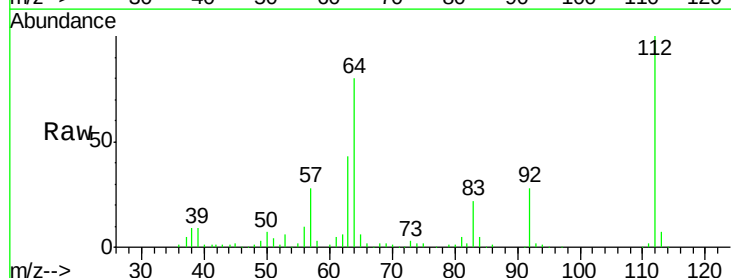
Tgt Ion:112 Resp: 196134

Ion Ratio Lower Upper

112 100

64 80.3 61.5 92.3

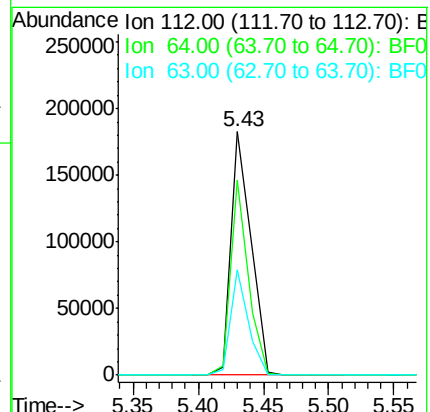
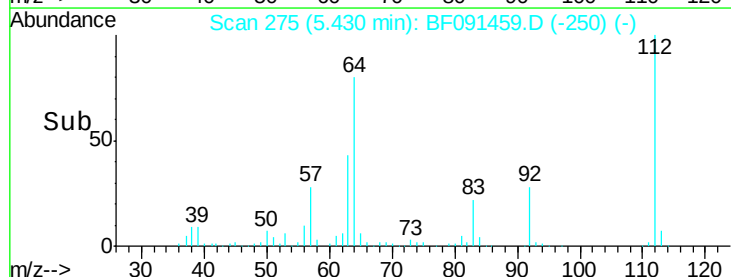
63 43.2 33.3 49.9

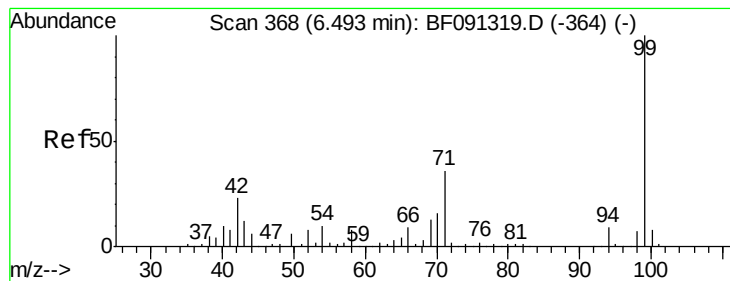


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.63 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-D-B

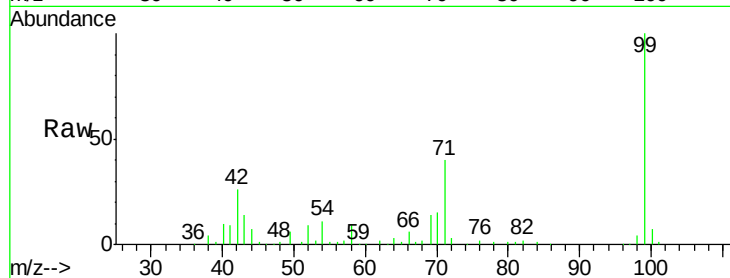
Tot Ion: 99 Resp: 152737

Ion Ratio Lower Upper

99 100

42 26.1 20.6 31.0

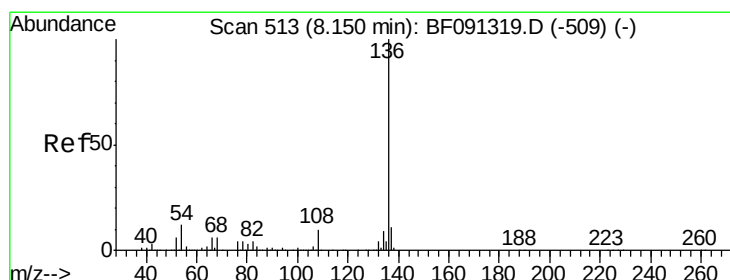
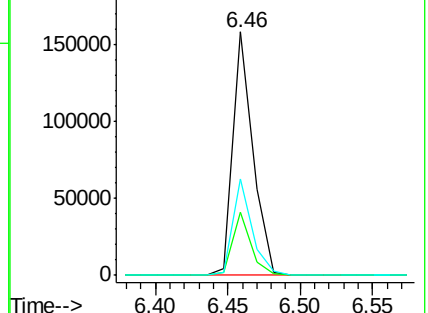
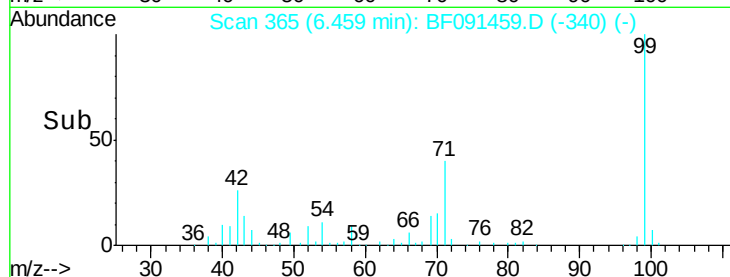
71 39.6 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF091459.D

Acq: 6 Dec 2016 15:30

Tgt Ion: 136 Resp: 453981

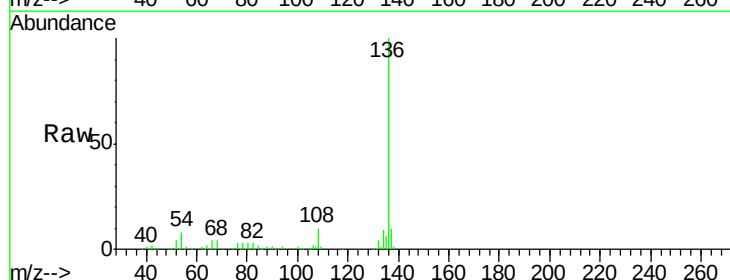
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 7.7 9.1 13.7#

68 3.6 5.9 8.9#

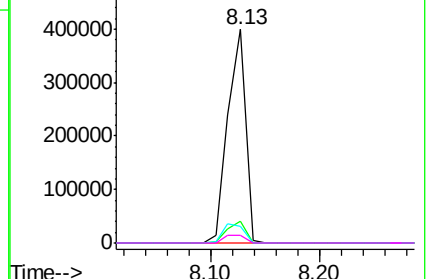
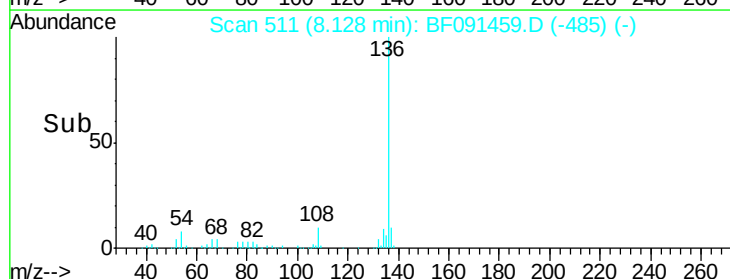


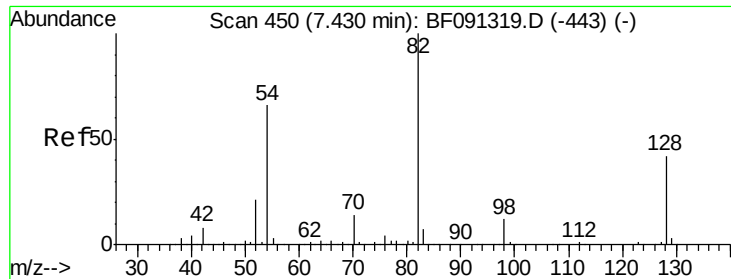
Abundance Ion 136.00 (135.70 to 136.70): E

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

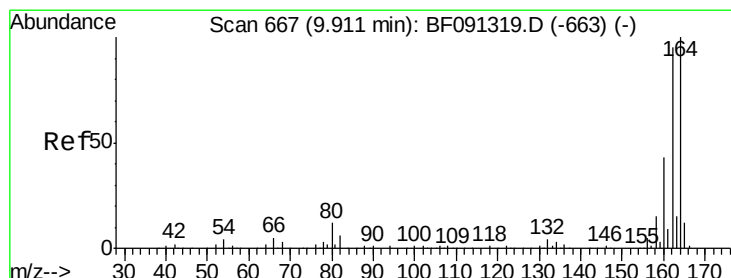
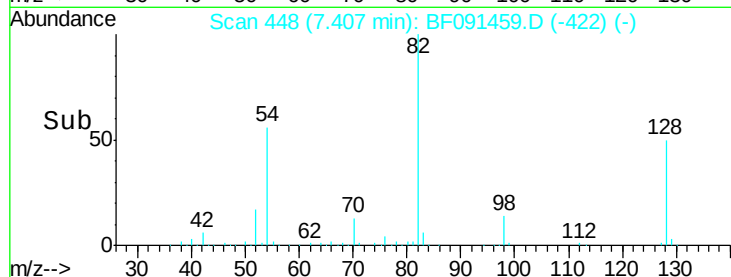
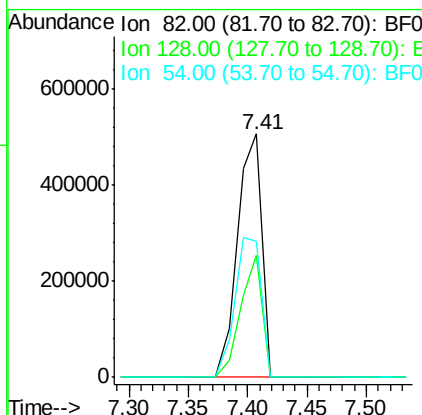
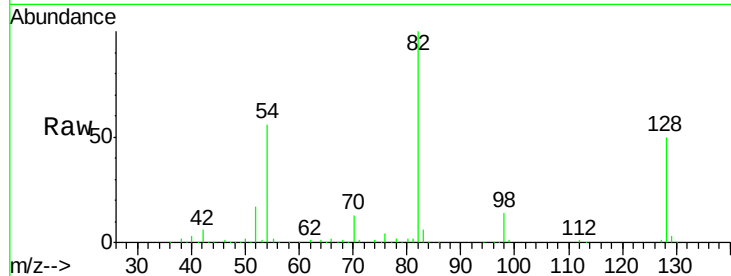




#23
 Nitrobenzene-d5
 Concen: 88.65 ng
 RT: 7.41 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

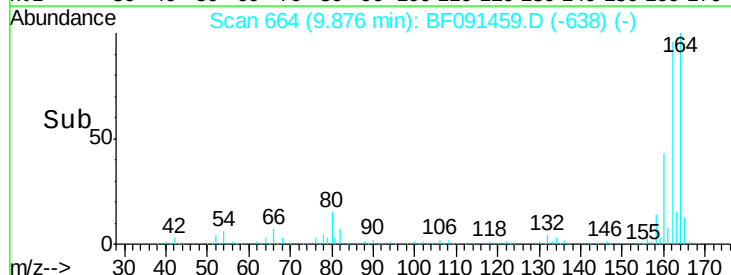
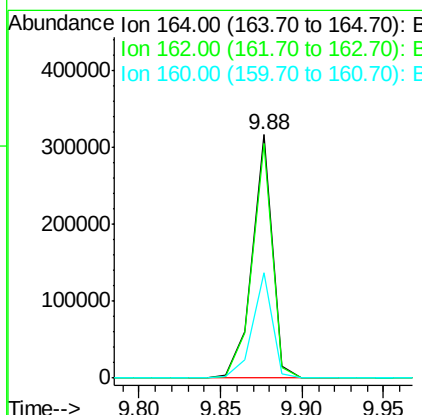
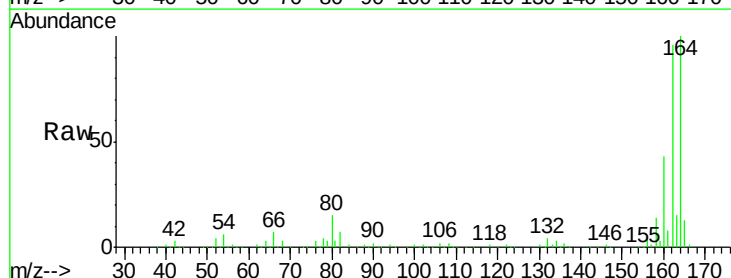
Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-B

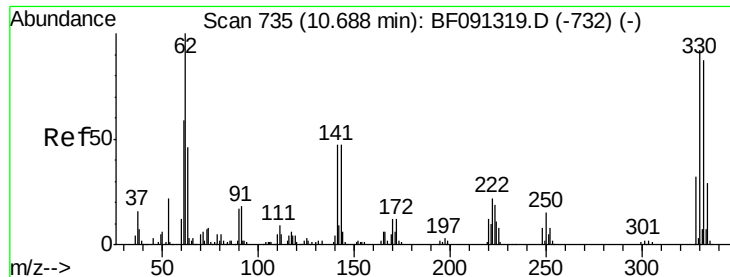
Tot Ion: 82 Resp: 718157
 Ion Ratio Lower Upper
 82 100
 128 49.9 31.8 47.6#
 54 55.8 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion: 164 Resp: 271888
 Ion Ratio Lower Upper
 164 100
 162 96.3 82.6 124.0
 160 43.3 36.7 55.1

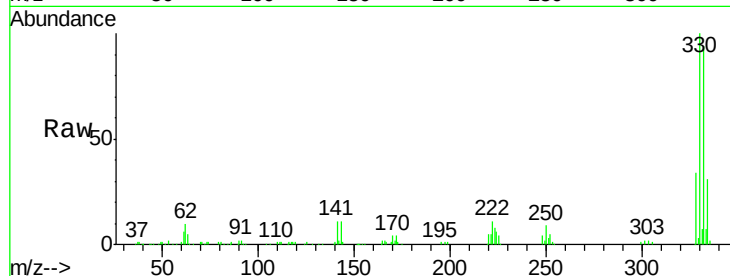




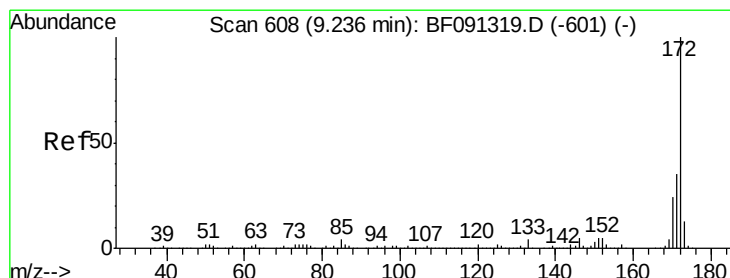
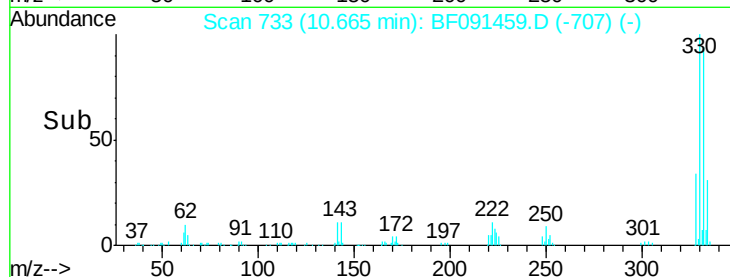
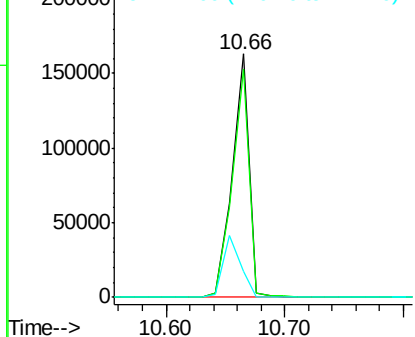
#41
 2,4,6-Tribromophenol
 Concen: 62.62 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-B

Tot Ion:330 Resp: 161193
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 26.4 33.6 50.4#

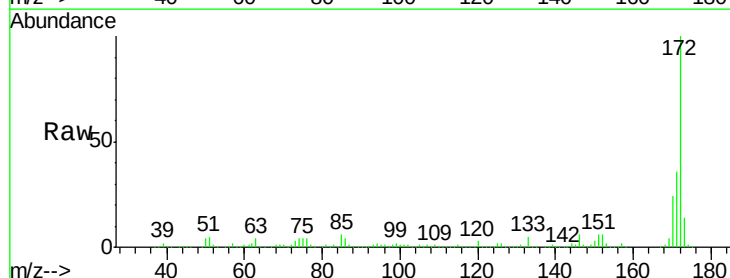


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

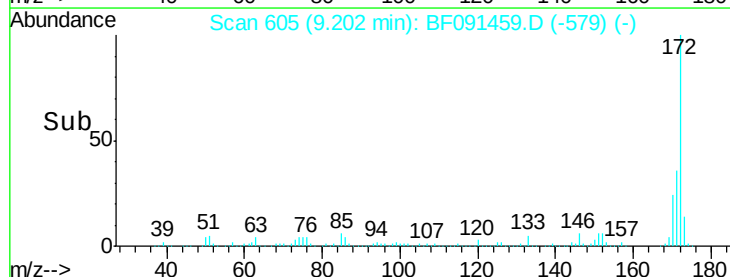
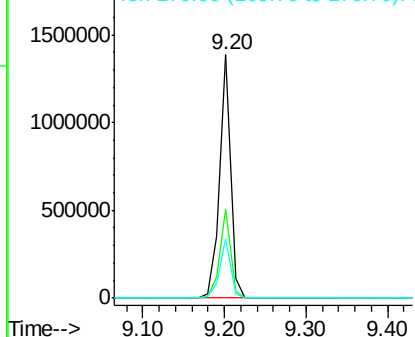


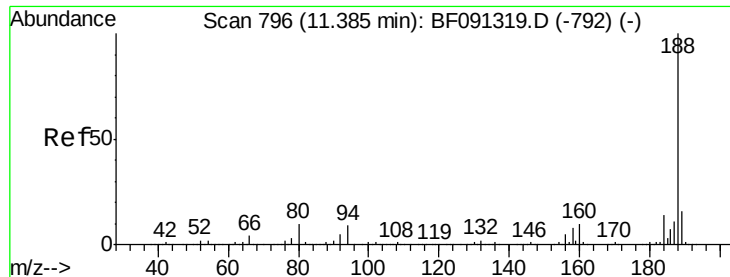
#44
 2-Fluorobiphenyl
 Concen: 85.99 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion:172 Resp: 1291248
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 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

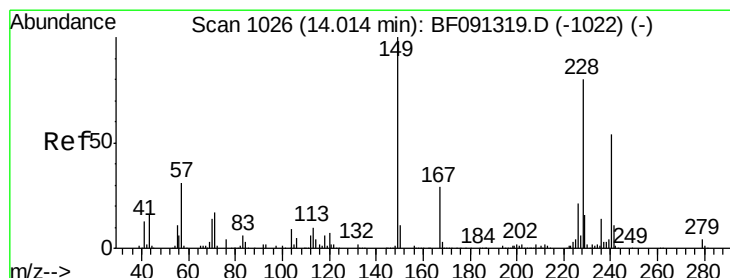
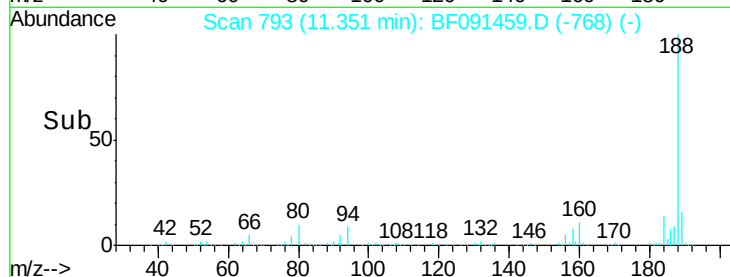
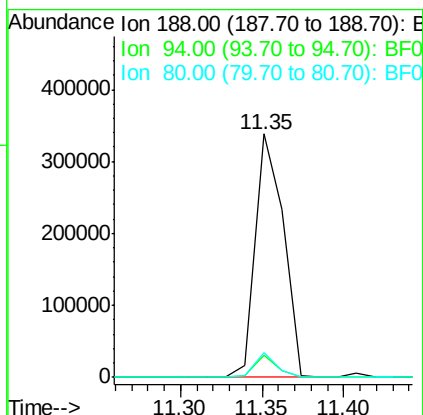
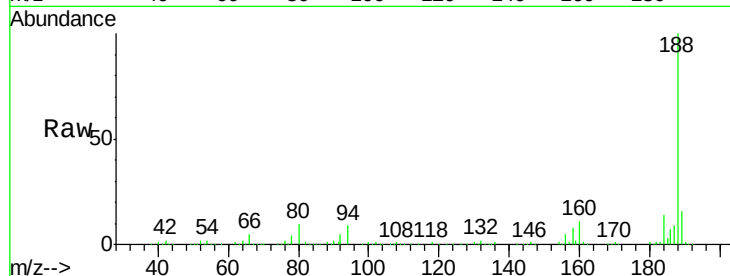




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF091459.D
Acq: 6 Dec 2016 15:30

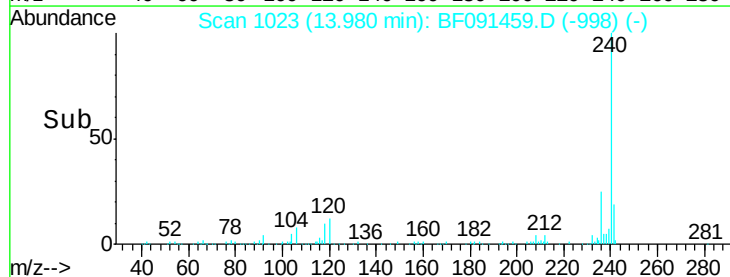
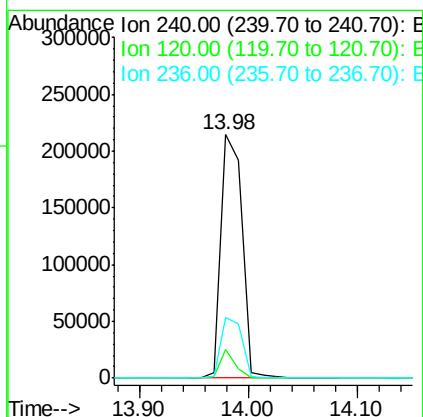
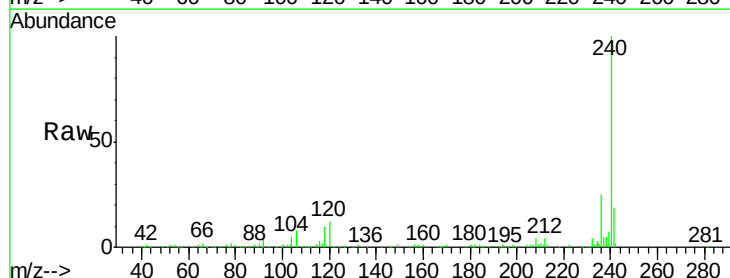
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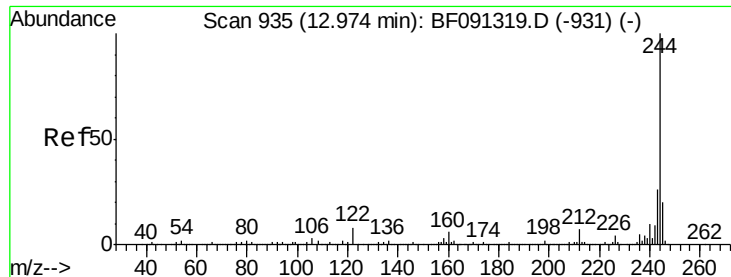
Tot Ion:188 Resp: 407264
Ion Ratio Lower Upper
188 100
94 9.1 9.2 13.8#
80 10.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF091459.D
Acq: 6 Dec 2016 15:30

Tgt Ion:240 Resp: 289788
Ion Ratio Lower Upper
240 100
120 11.9 12.1 18.1#
236 24.7 21.0 31.6

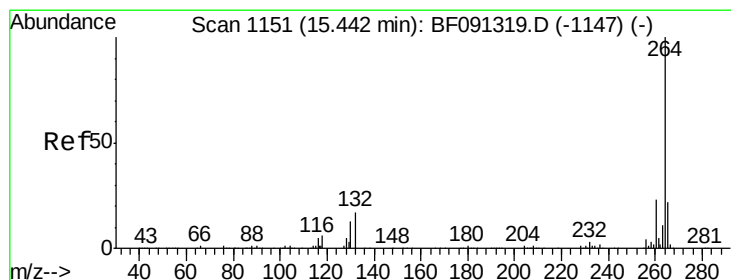
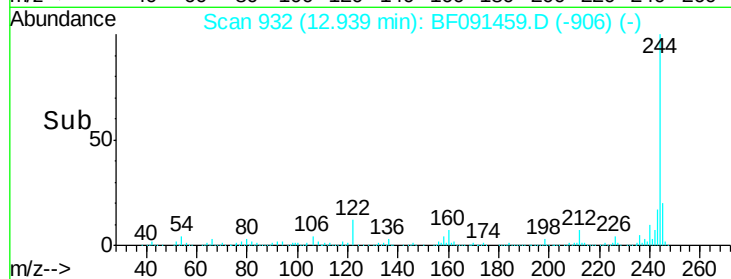
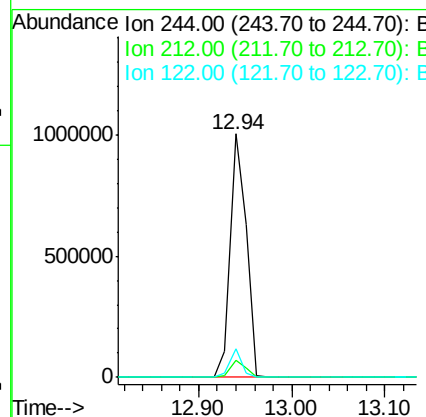
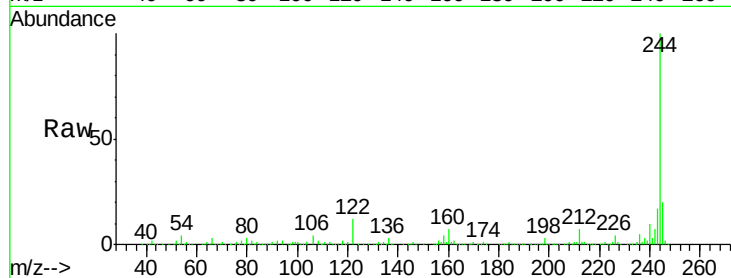




#78
 Terphenyl-d14
 Concen: 90.42 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-D-B

Tot Ion:244 Resp: 1205564
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 11.6 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF091459.D
 Acq: 6 Dec 2016 15:30

Tgt Ion:264 Resp: 244600
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 22.2 17.0 25.6

