

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091463.D
 Acq On : 6 Dec 2016 17:21
 Operator : UM/SJ
 Sample : PB95074BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BL

Quant Time: Dec 07 00:44:17 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	130218	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	512815	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	312197	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	484932	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	339109	20.00	ng	0.00
86) Perylene-d12	15.41	264	263628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	895817	112.38	ng	0.01
7) Phenol-d6	6.47	99	1031342	105.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	654692	71.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	296776	100.41	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1346283	78.08	ng	0.00
78) Terphenyl-d14	12.94	244	1189901	76.27	ng	0.00

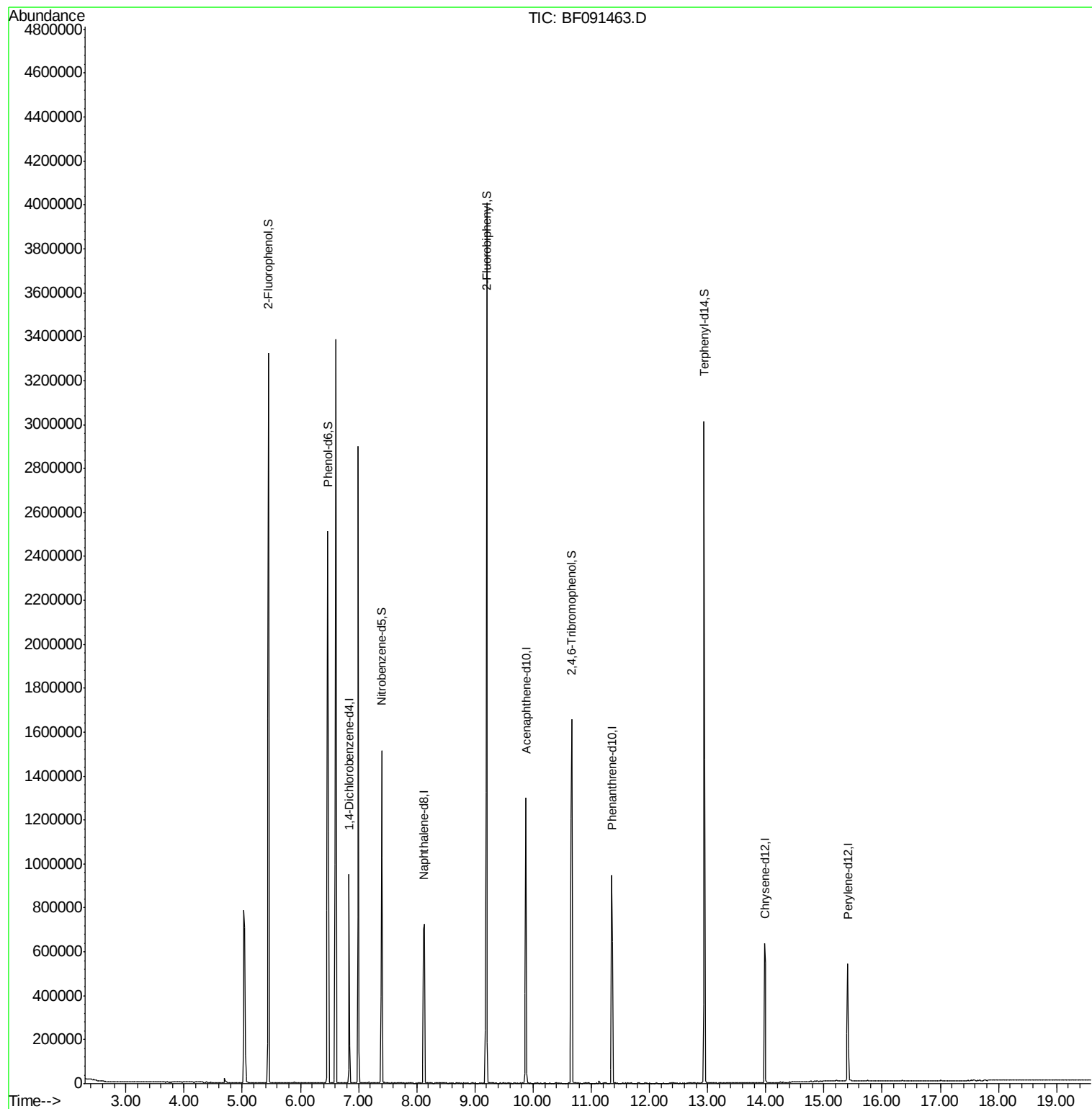
Target Compounds	Qvalue
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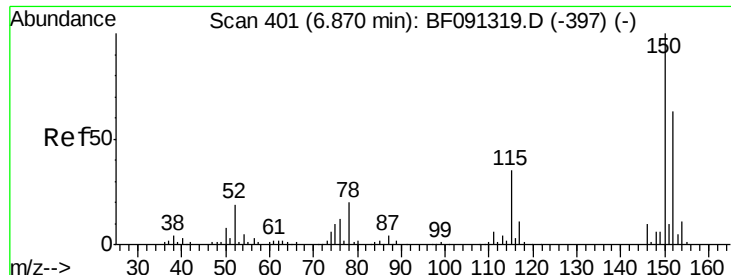
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

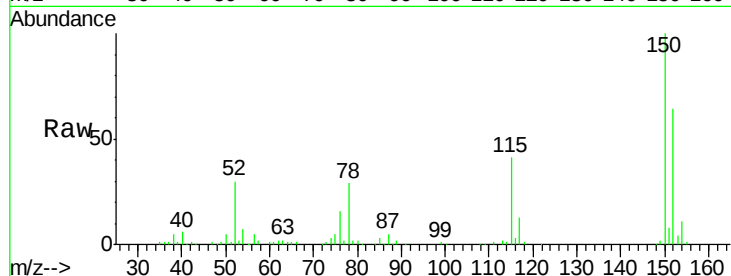
Tgt Ion:152 Resp: 130218

Ion Ratio Lower Upper

152 100

150 155.6 122.5 183.7

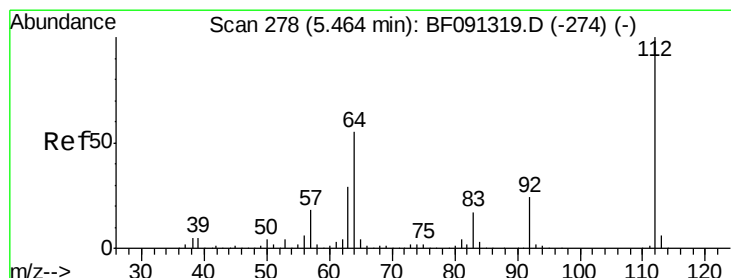
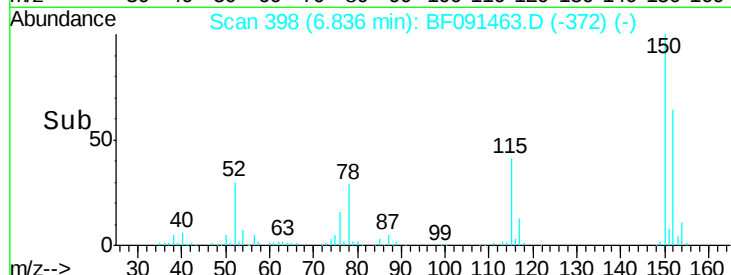
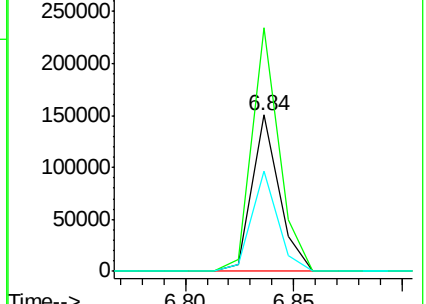
115 64.4 51.8 77.8



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: 112.38 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

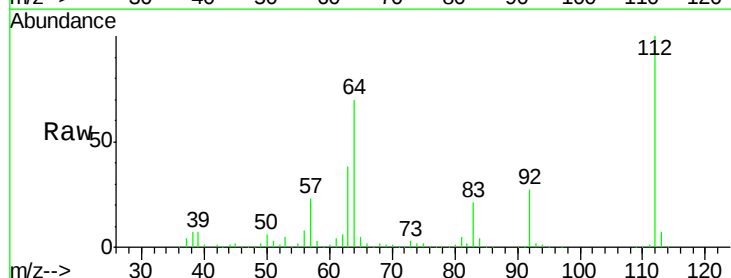
Tgt Ion:112 Resp: 895817

Ion Ratio Lower Upper

112 100

64 69.9 61.5 92.3

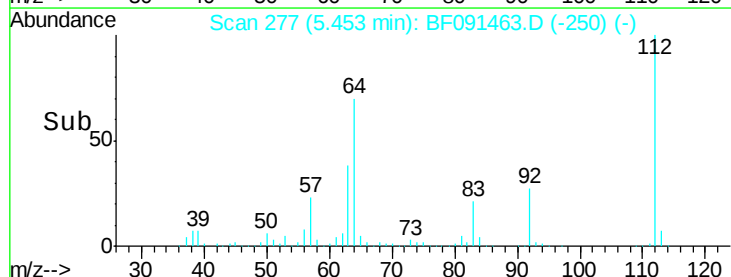
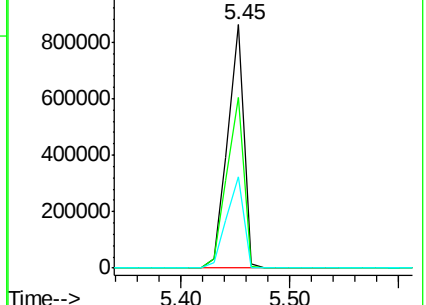
63 37.5 33.3 49.9

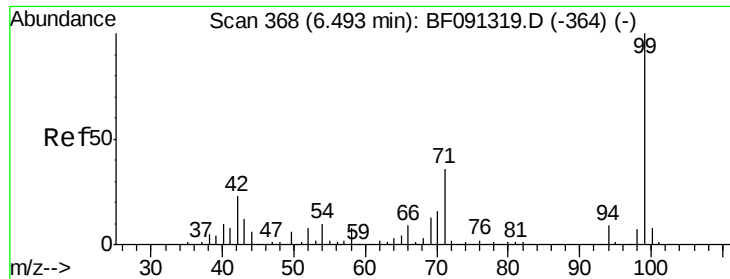


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.11 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB95074BL

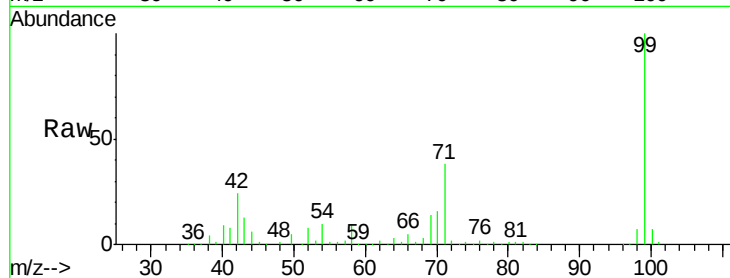
Tgt Ion: 99 Resp: 1031342

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

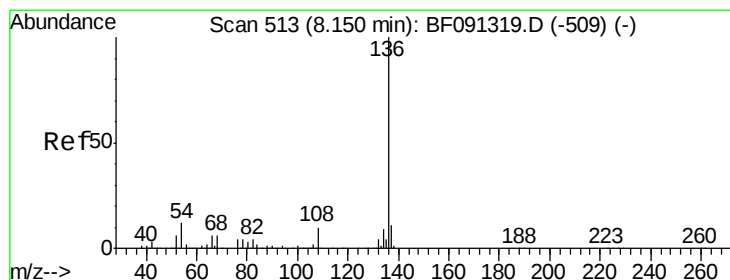
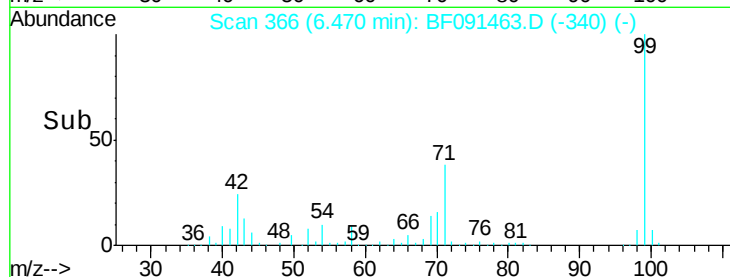
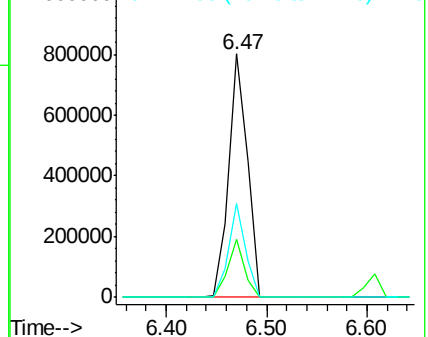
71 38.4 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF091463.D

Acq: 6 Dec 2016 17:21

Tgt Ion: 136 Resp: 512815

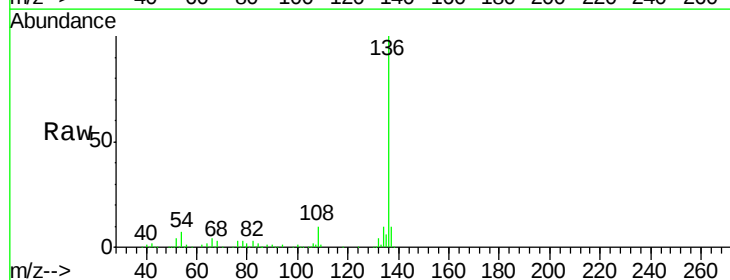
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.3 9.1 13.7#

68 3.4 5.9 8.9#

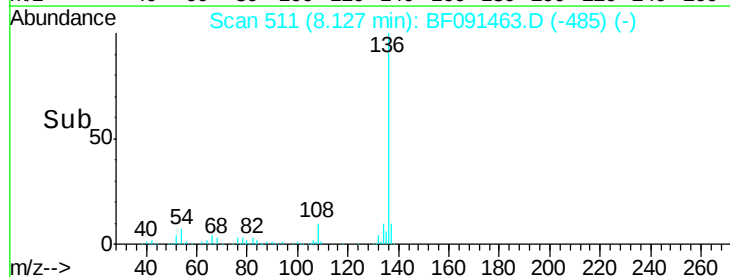
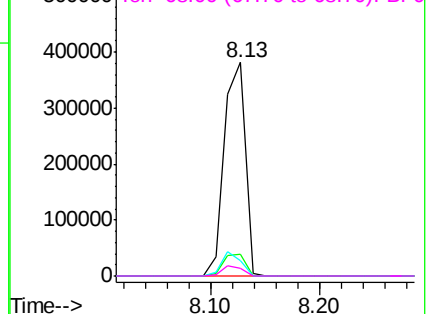


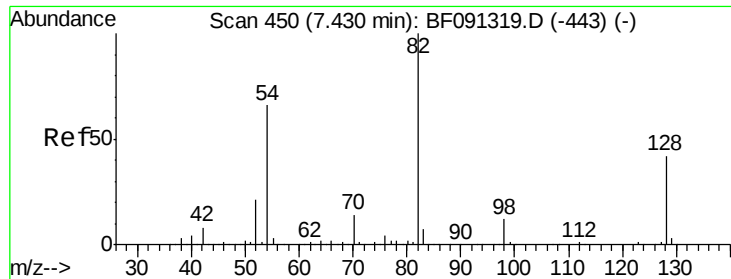
Abundance Ion 136.00 (135.70 to 136.70): E

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

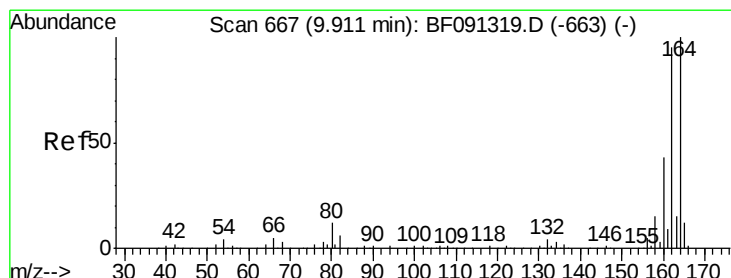
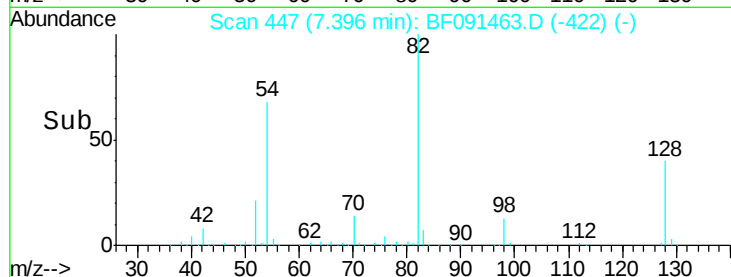
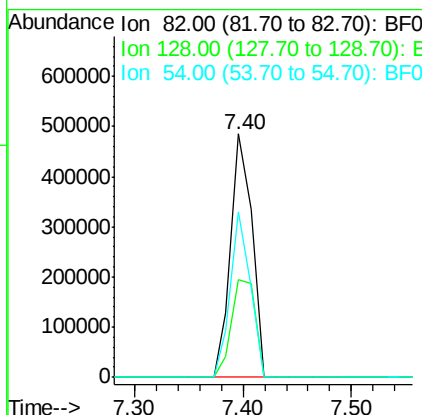
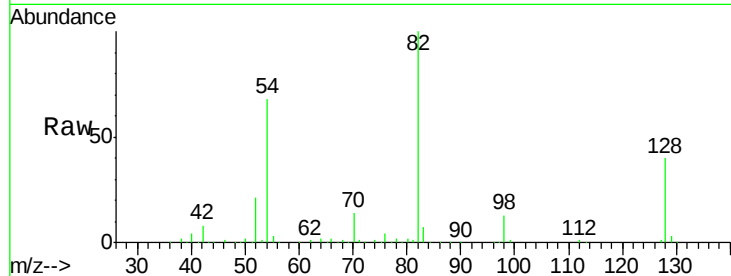




#23
 Nitrobenzene-d5
 Concen: 71.55 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

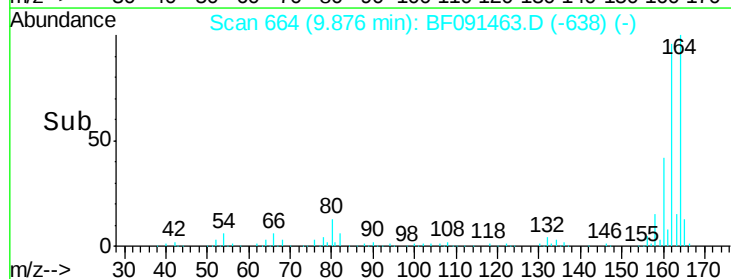
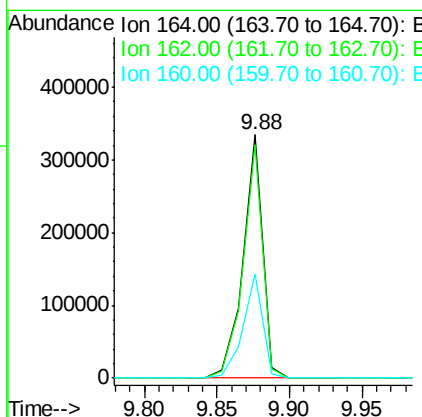
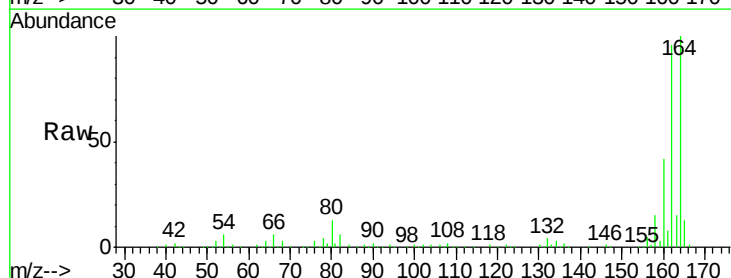
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BL

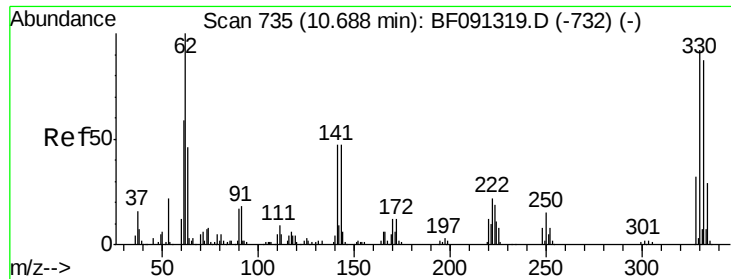
Tgt Ion: 82 Resp: 654692
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 67.8 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Tgt Ion: 164 Resp: 312197
 Ion Ratio Lower Upper
 164 100
 162 95.6 82.6 124.0
 160 42.5 36.7 55.1

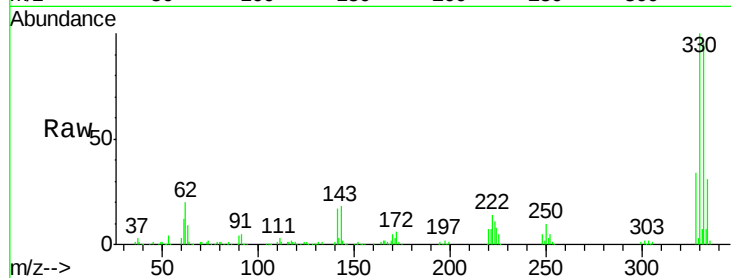




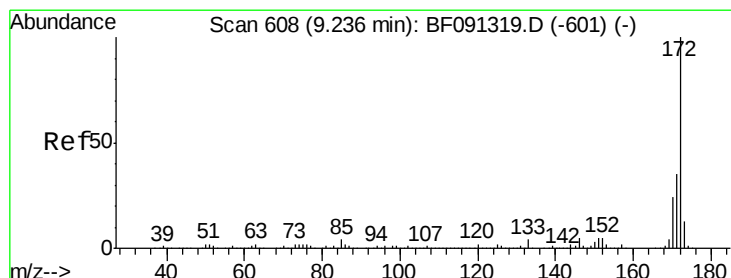
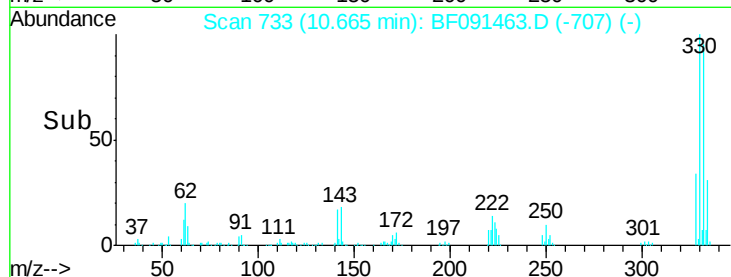
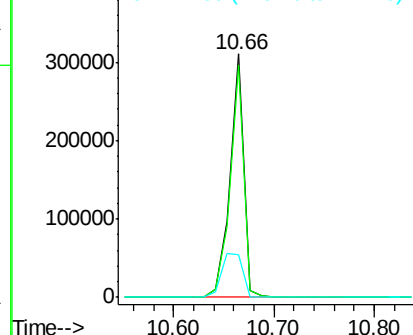
#41
 2,4,6-Tribromophenol
 Concen: 100.41 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BL

Tgt Ion:330 Resp: 296776
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 27.6 33.6 50.4#

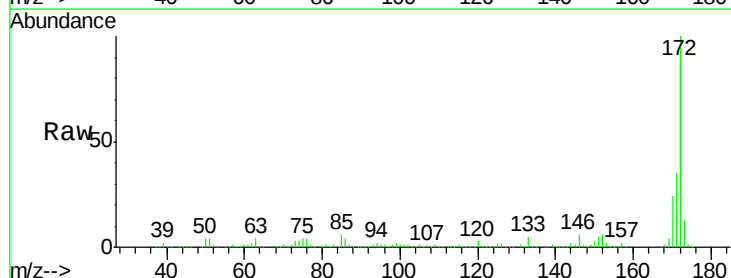


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

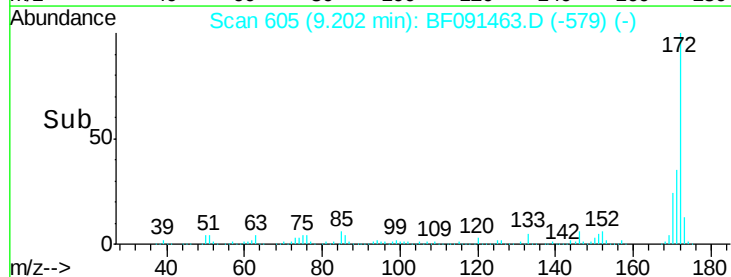
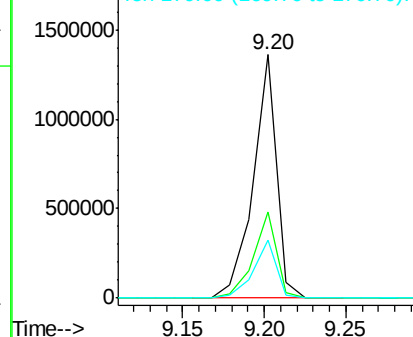


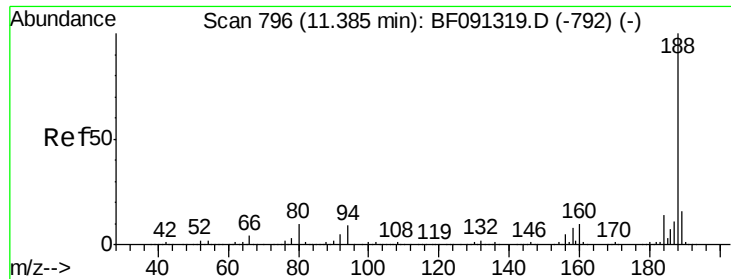
#44
 2-Fluorobiphenyl
 Concen: 78.08 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Tgt Ion:172 Resp: 1346283
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.6 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

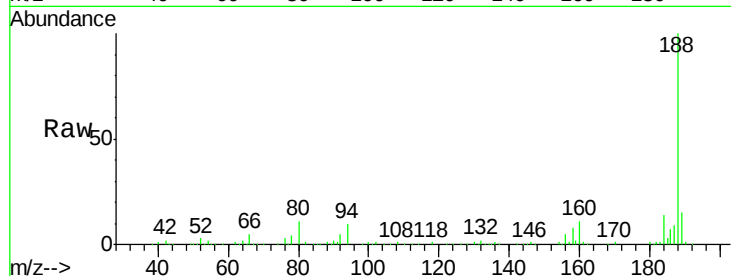




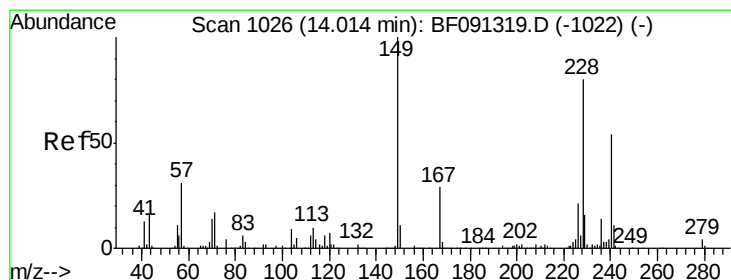
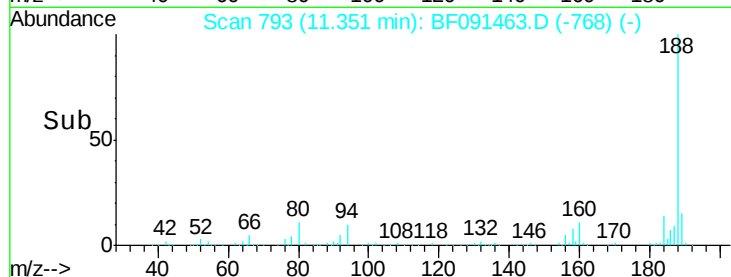
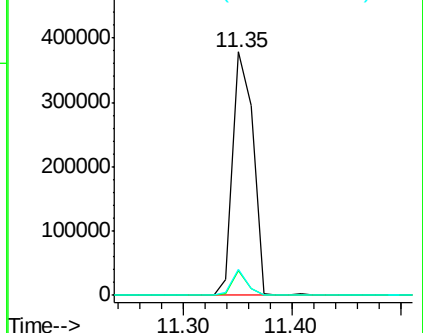
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB95074BL

Tgt Ion:188 Resp: 484932
Ion Ratio Lower Upper
188 100
94 10.0 9.2 13.8
80 10.6 10.5 15.7

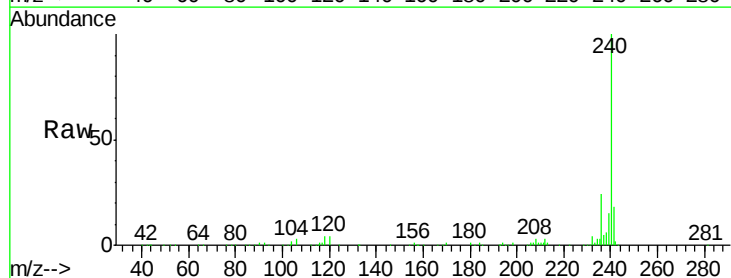


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

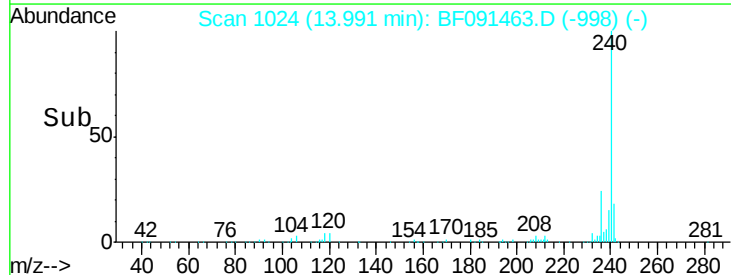
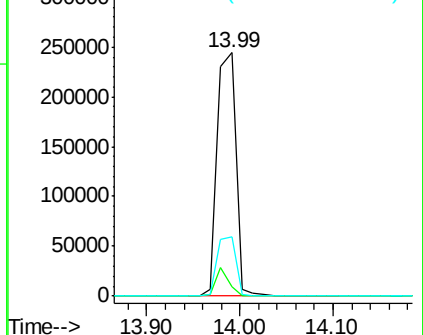


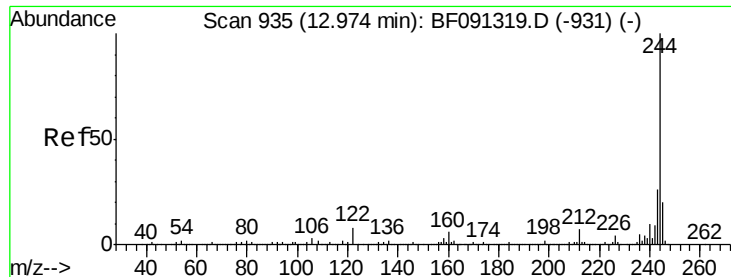
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF091463.D
Acq: 6 Dec 2016 17:21

Tgt Ion:240 Resp: 339109
Ion Ratio Lower Upper
240 100
120 4.1 12.1 18.1#
236 24.4 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

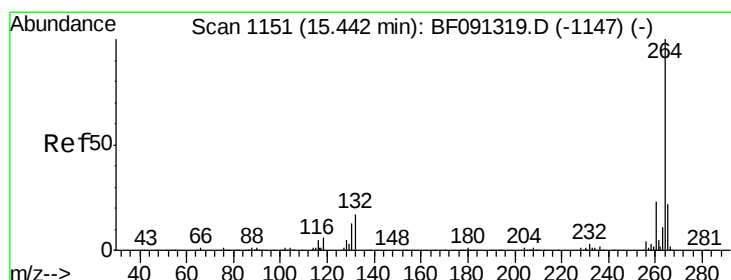
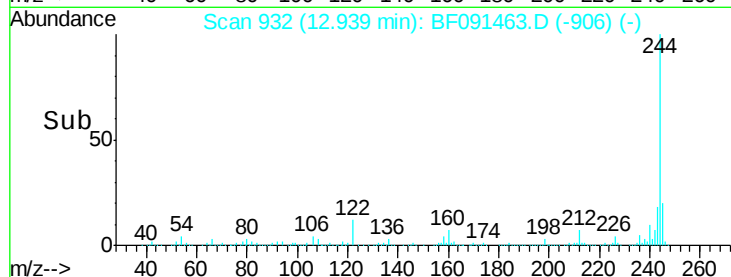
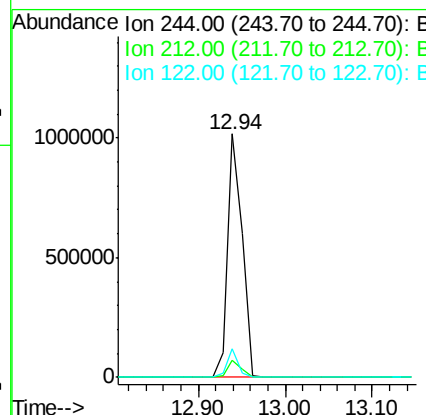
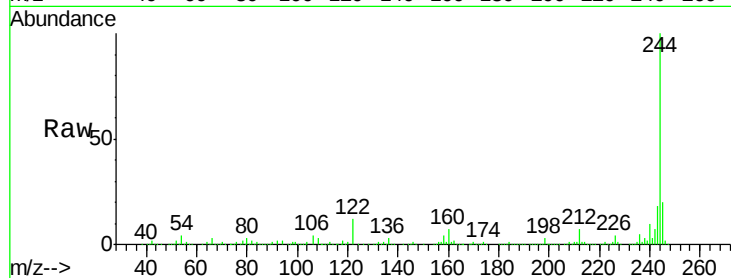




#78
 Terphenyl-d14
 Concen: 76.27 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091463.D
 Acq: 6 Dec 2016 17:21

Instrument :
 BNA_F
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 PB95074BL

Tgt Ion:244 Resp: 1189901
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 11.7 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: BF091463.D
 Acq: 6 Dec 2016 17:21

Tgt Ion:264 Resp: 263628
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 22.0 17.0 25.6

