

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091399.D
 Acq On : 2 Dec 2016 19:52
 Operator : UM/SJ
 Sample : H5819-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-06

Quant Time: Dec 02 23:10:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

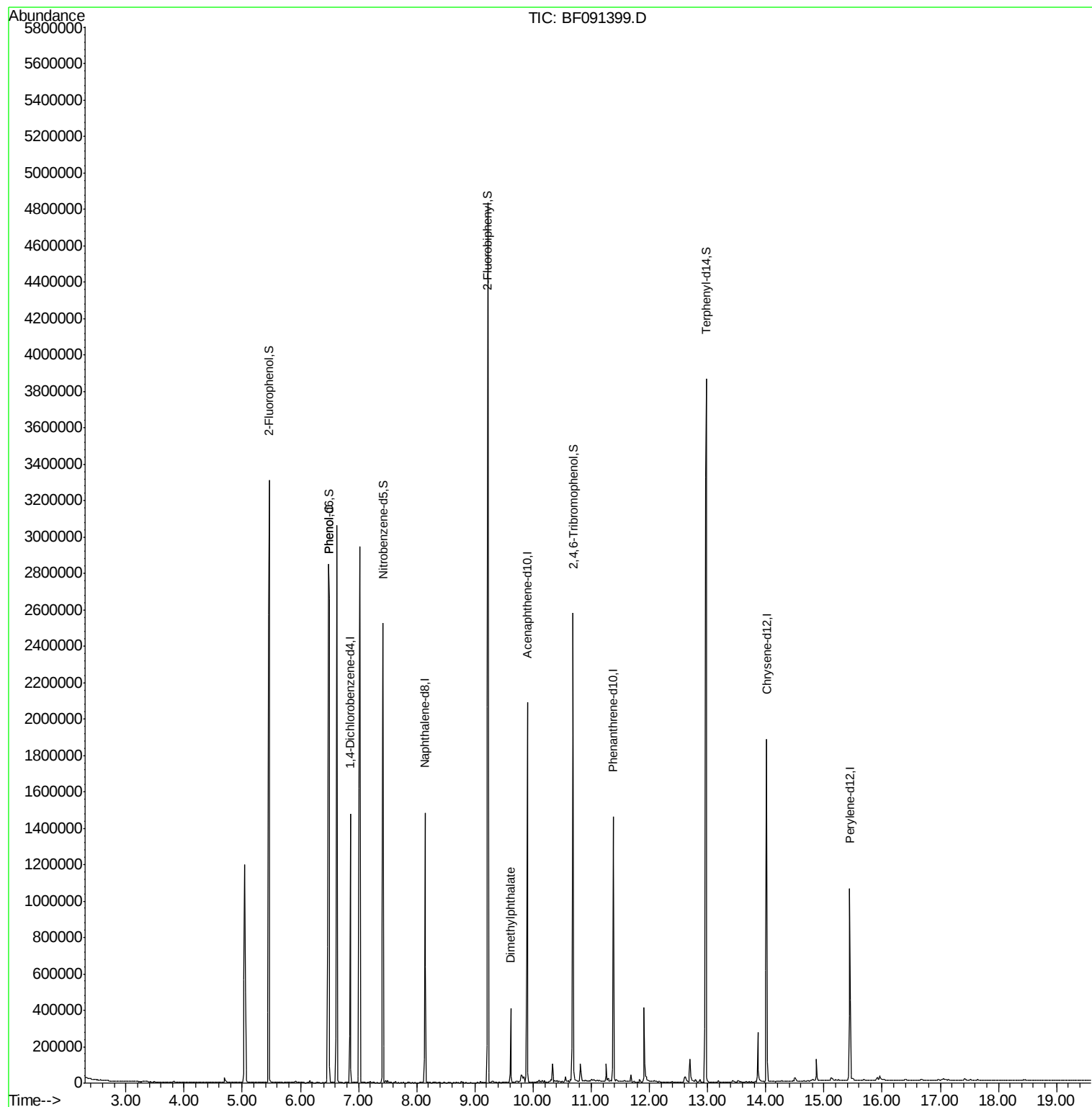
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194081	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	742005	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	481161	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	793334	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	694059	20.00	ng	-0.03
86) Perylene-d12	15.44	264	514756	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1110391	93.46	ng	0.00
7) Phenol-d6	6.49	99	1391394	95.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	777062	58.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	425934	93.51	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1651064	62.13	ng	-0.02
78) Terphenyl-d14	12.97	244	1810177	56.69	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	54697	3.18	ng	Qvalue # 6
49) Dimethylphthalate	9.61	163	146801	5.04	ng	98

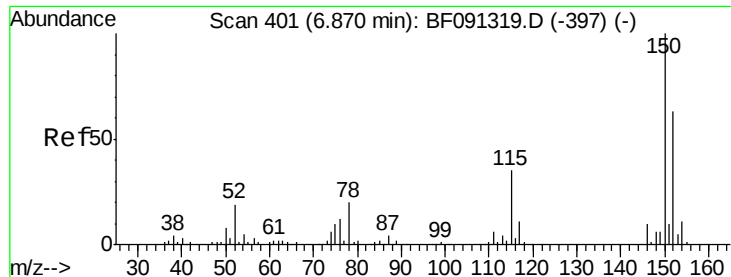
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091399.D

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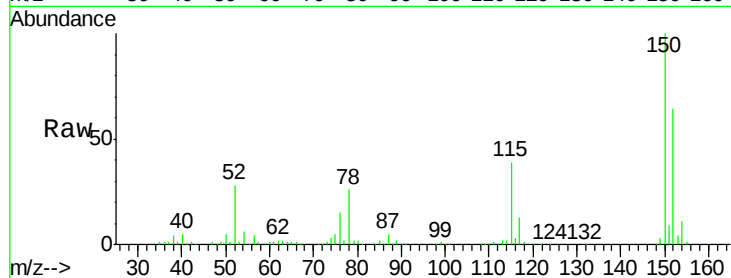
Tgt Ion:152 Resp: 194081

Ion Ratio Lower Upper

152 100

150 157.1 122.5 183.7

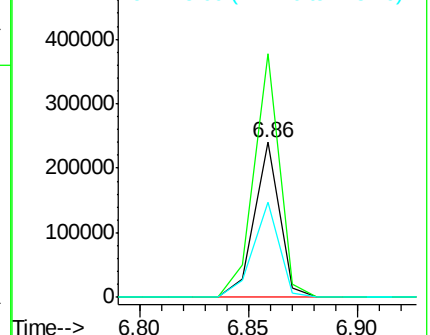
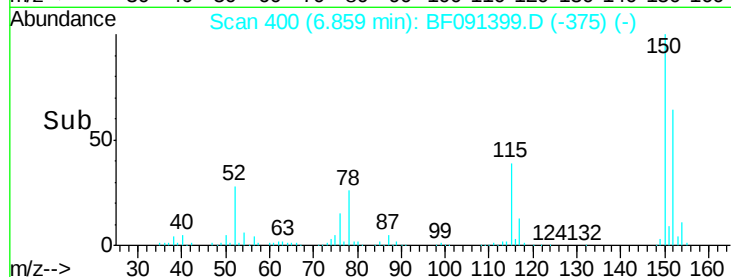
115 61.6 51.8 77.8



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: 93.46 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091399.D

Acq: 2 Dec 2016 19:52

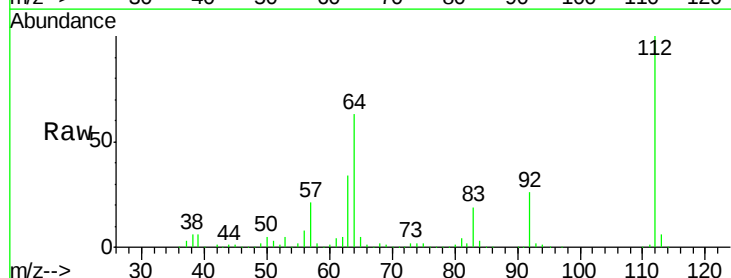
Tgt Ion:112 Resp: 1110391

Ion Ratio Lower Upper

112 100

64 62.8 61.5 92.3

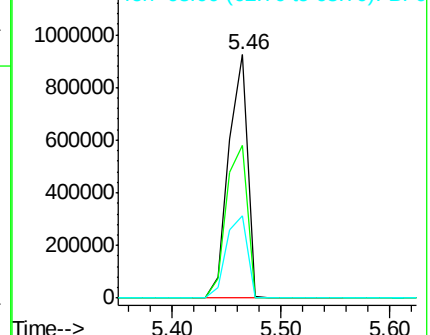
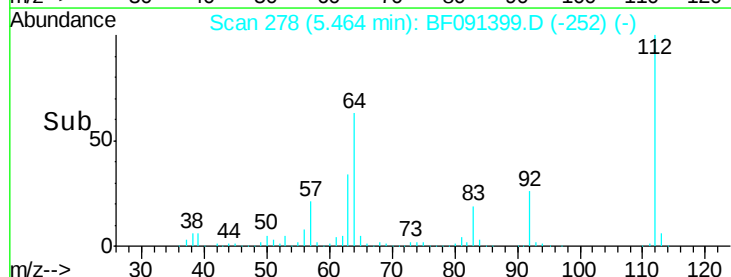
63 33.8 33.3 49.9

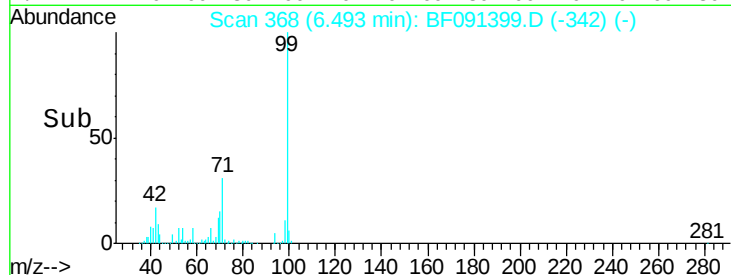
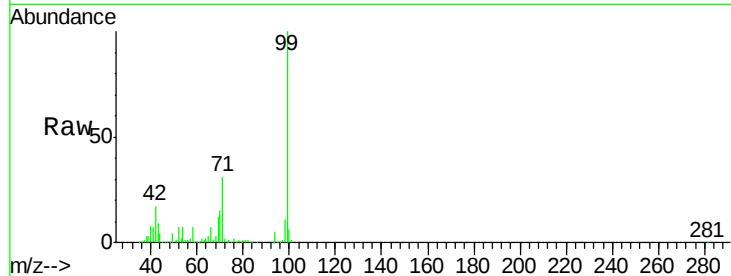
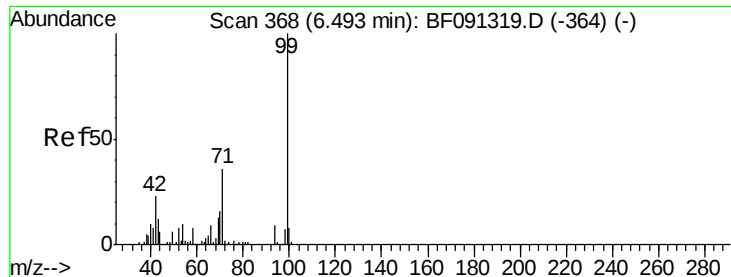


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.14 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091399.D

Acq: 2 Dec 2016 19:52

Instrument :

BNA_F

ClientSampleId :

113016-06

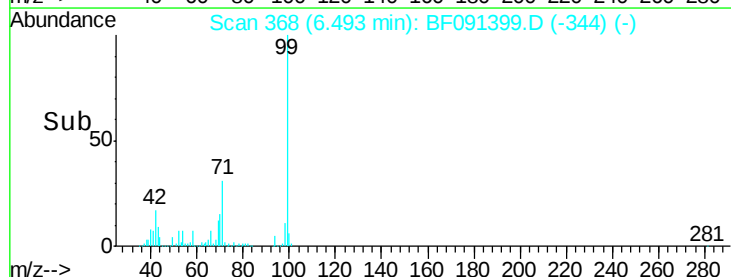
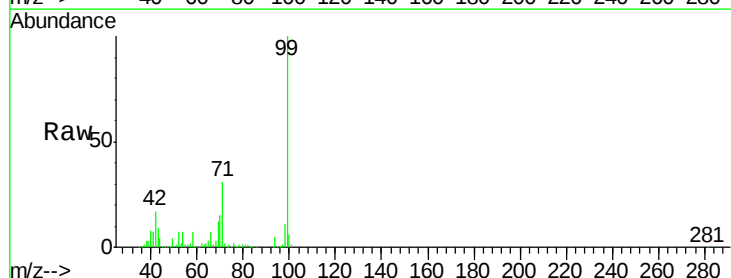
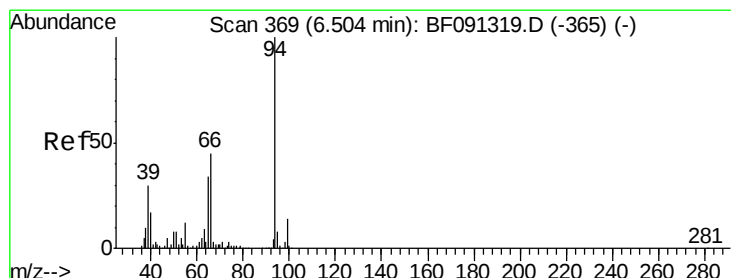
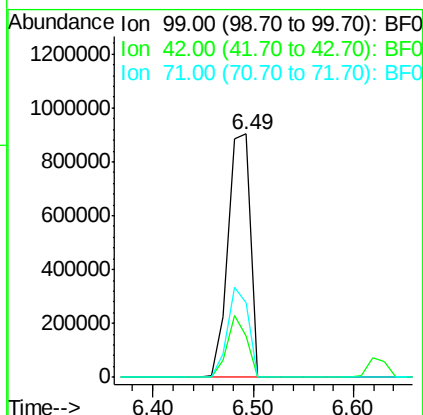
Tgt Ion: 99 Resp: 1391394

Ion Ratio Lower Upper

99 100

42 17.0 20.6 31.0#

71 30.9 29.9 44.9



#10

Phenol

Concen: 3.18 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091399.D

Acq: 2 Dec 2016 19:52

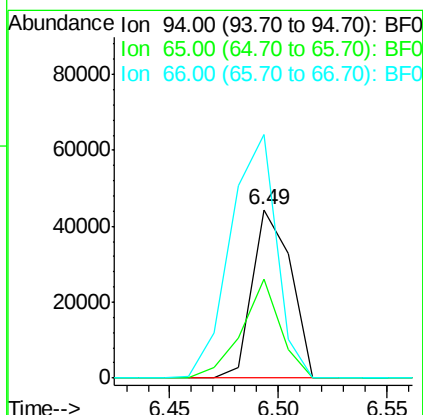
Tgt Ion: 94 Resp: 54697

Ion Ratio Lower Upper

94 100

65 58.9 16.9 56.9#

66 144.7 30.6 70.6#

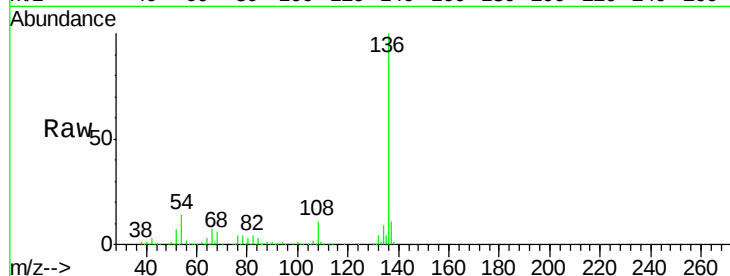




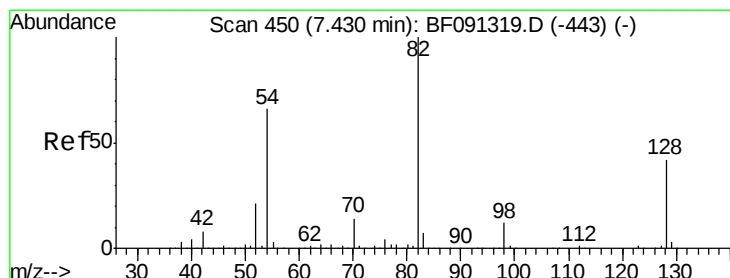
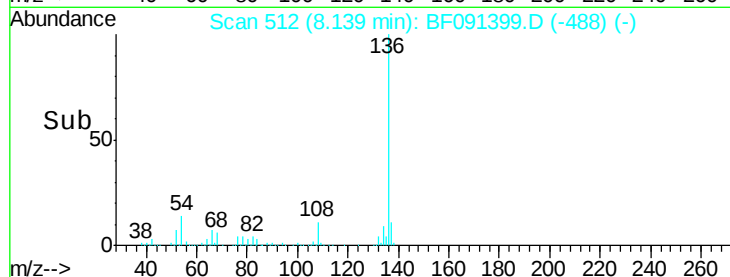
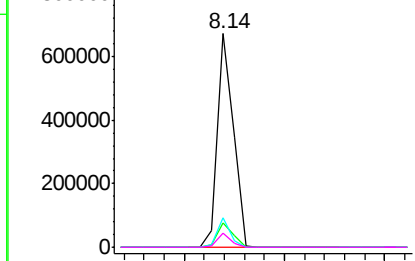
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
113016-06

Tgt Ion:	136	Resp:	742005
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	13.8	9.1	13.7#
68	6.5	5.9	8.9

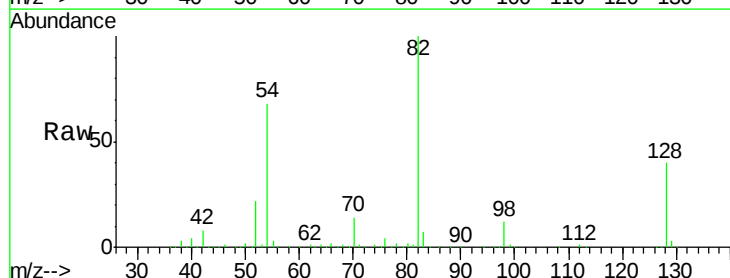


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

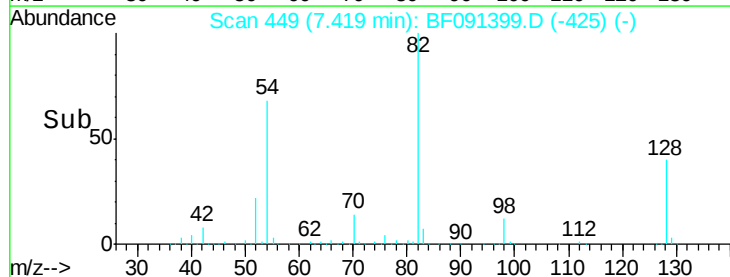
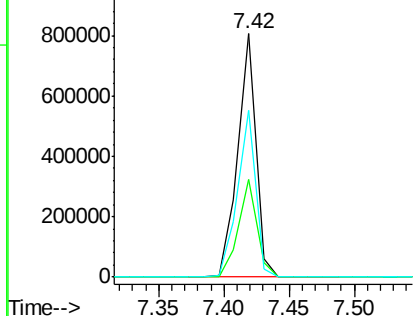


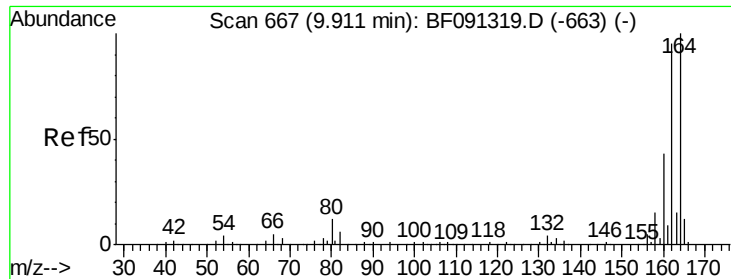
#23
Nitrobenzene-d5
Concen: 58.69 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion:	82	Resp:	777062
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.8	47.6
54	68.3	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

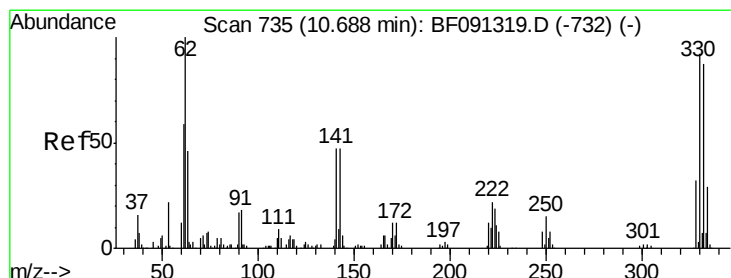
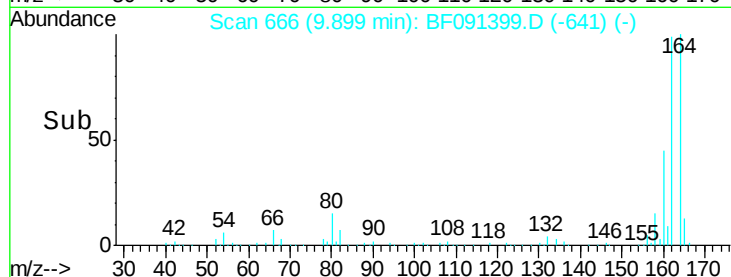
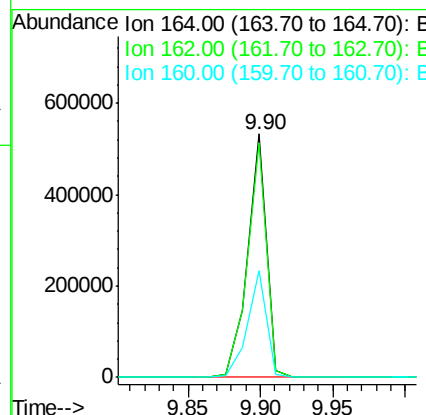
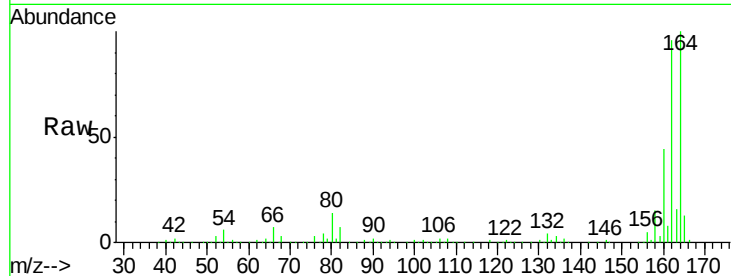




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

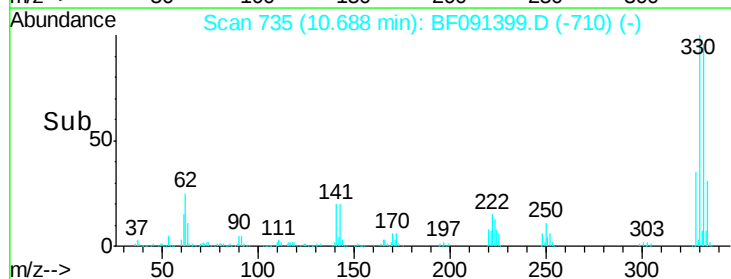
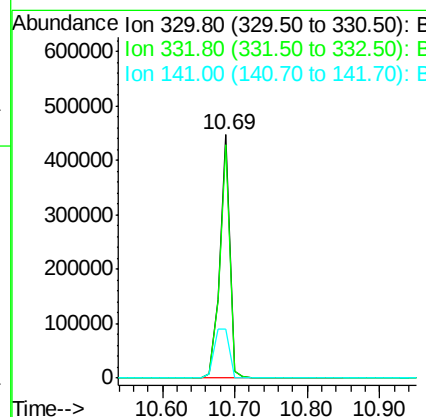
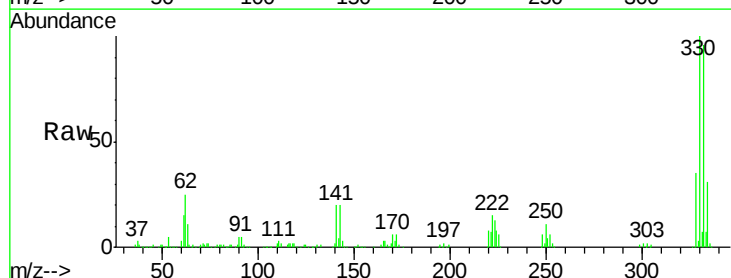
Instrument :
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ClientSampleId :
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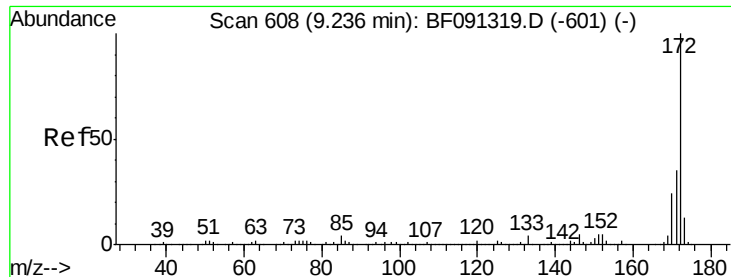
Tgt Ion:164 Resp: 481161
Ion Ratio Lower Upper
164 100
162 96.1 82.6 124.0
160 43.6 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 93.51 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion:330 Resp: 425934
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 30.9 33.6 50.4#

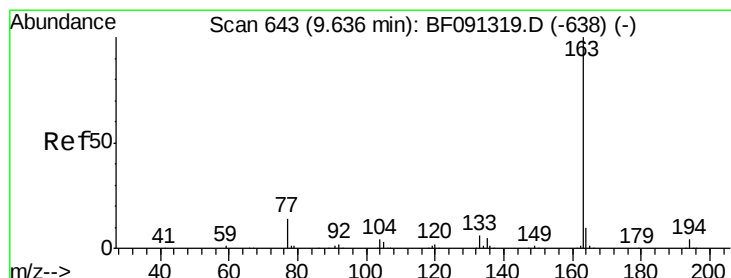
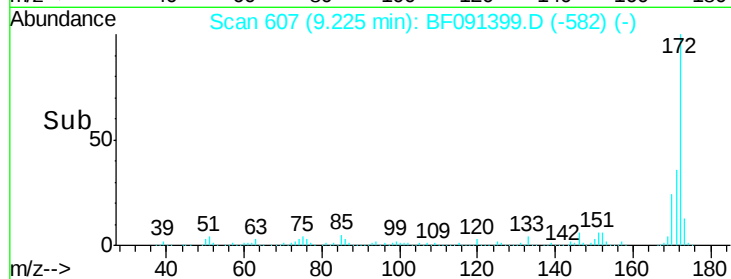
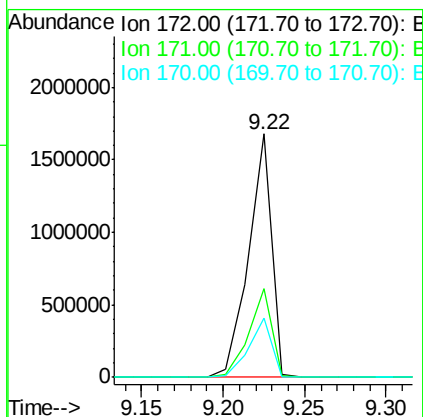
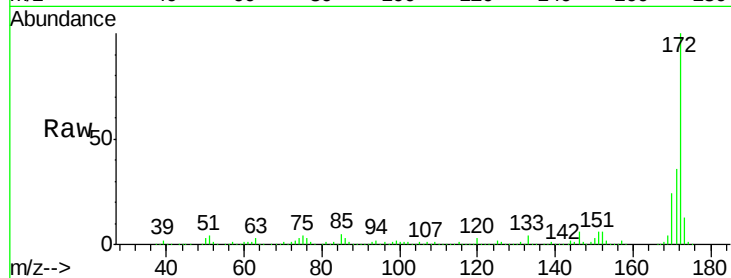




#44
2-Fluorobiphenyl
Concen: 62.13 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

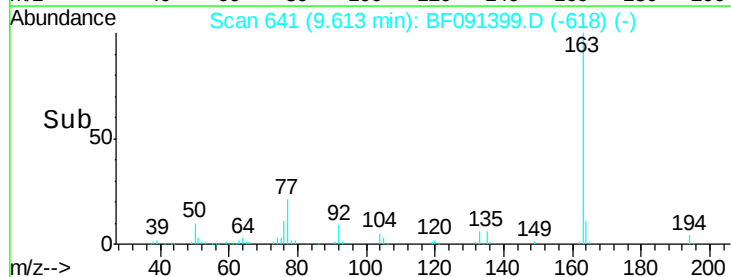
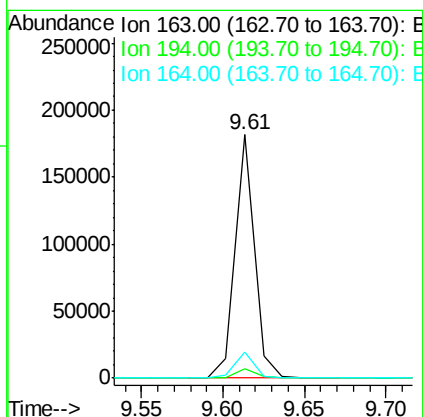
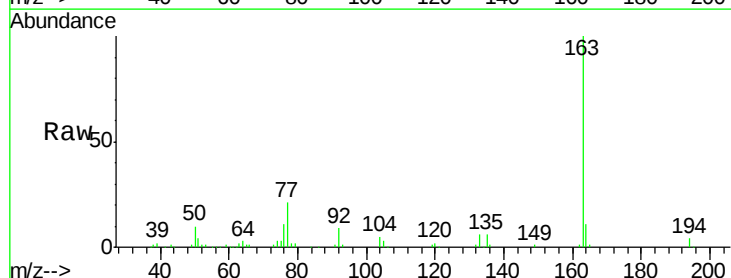
Instrument :
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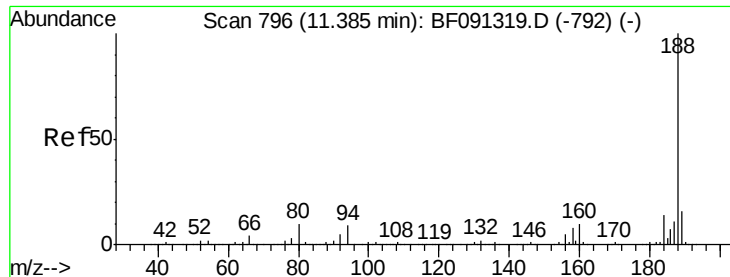
Tgt Ion:172 Resp: 1651064
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.1 19.7 29.5



#49
Dimethylphthalate
Concen: 5.04 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion:163 Resp: 146801
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 7.8 11.8

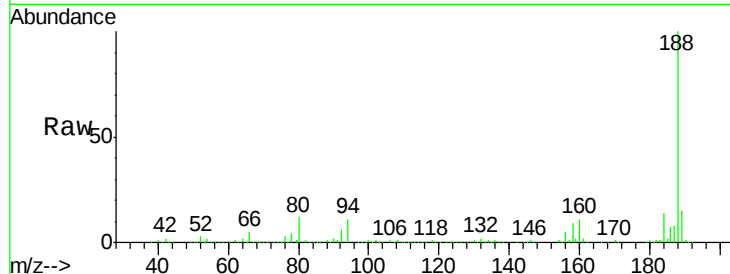




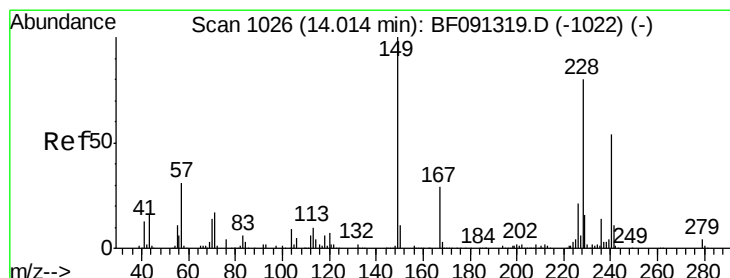
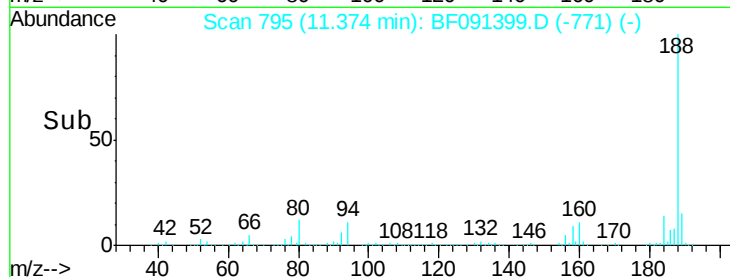
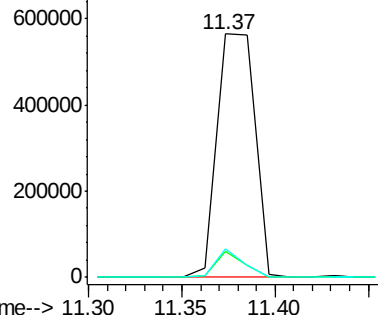
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 793334
Ion Ratio Lower Upper
188 100
94 10.7 9.2 13.8
80 11.8 10.5 15.7

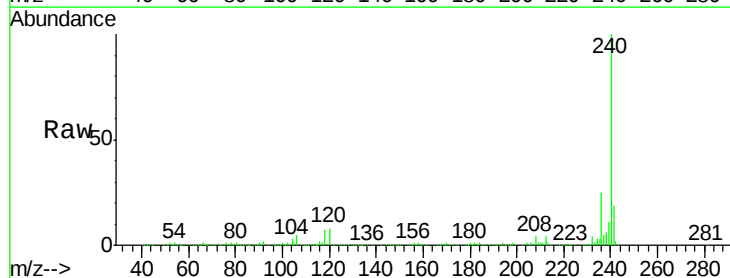


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

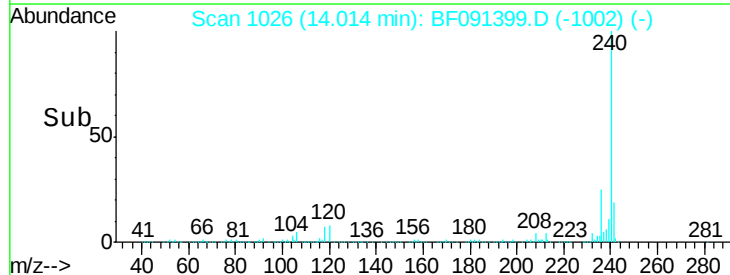
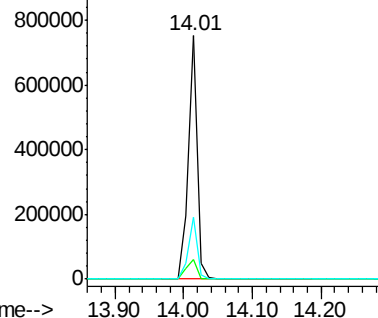


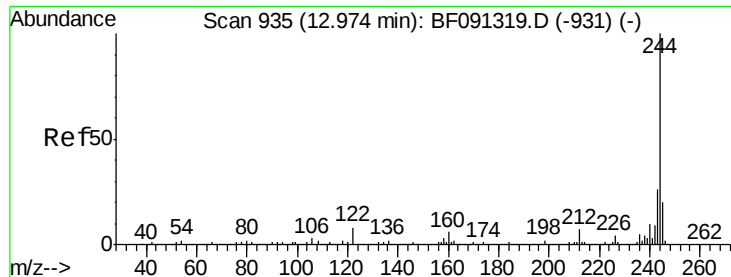
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion:240 Resp: 694059
Ion Ratio Lower Upper
240 100
120 8.2 12.1 18.1#
236 25.3 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

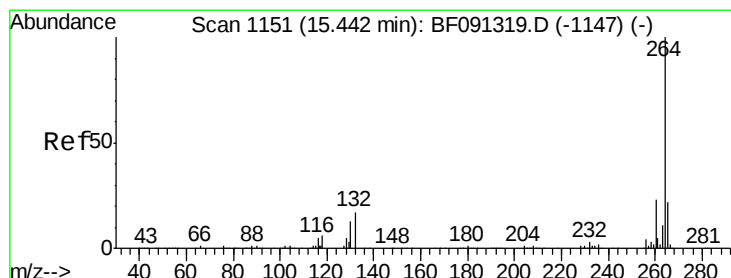
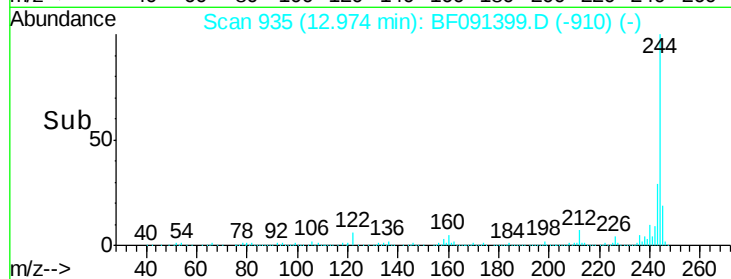
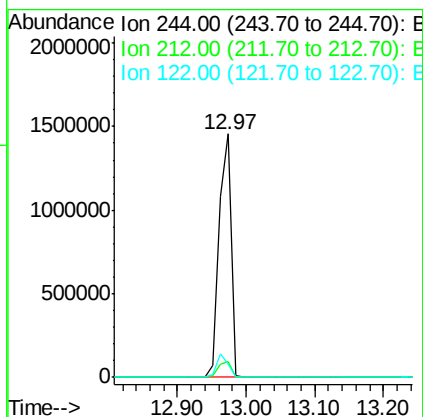
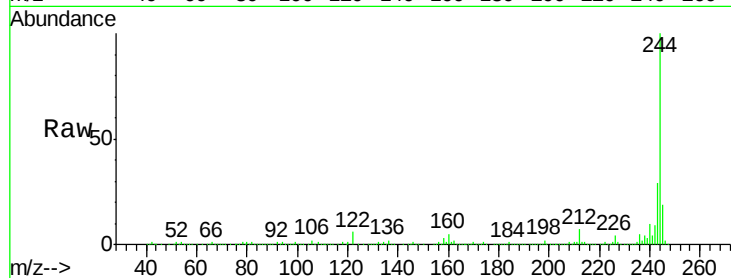




#78
 Terphenyl-d14
 Concen: 56.69 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091399.D
 Acq: 2 Dec 2016 19:52

Instrument :
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 113016-06

Tgt Ion:244 Resp: 1810177
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 5.6 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091399.D
 Acq: 2 Dec 2016 19:52

Tgt Ion:264 Resp: 514756
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.8 17.0 25.6

