

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091400.D
 Acq On : 2 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H5819-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-08

Quant Time: Dec 02 23:19:34 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

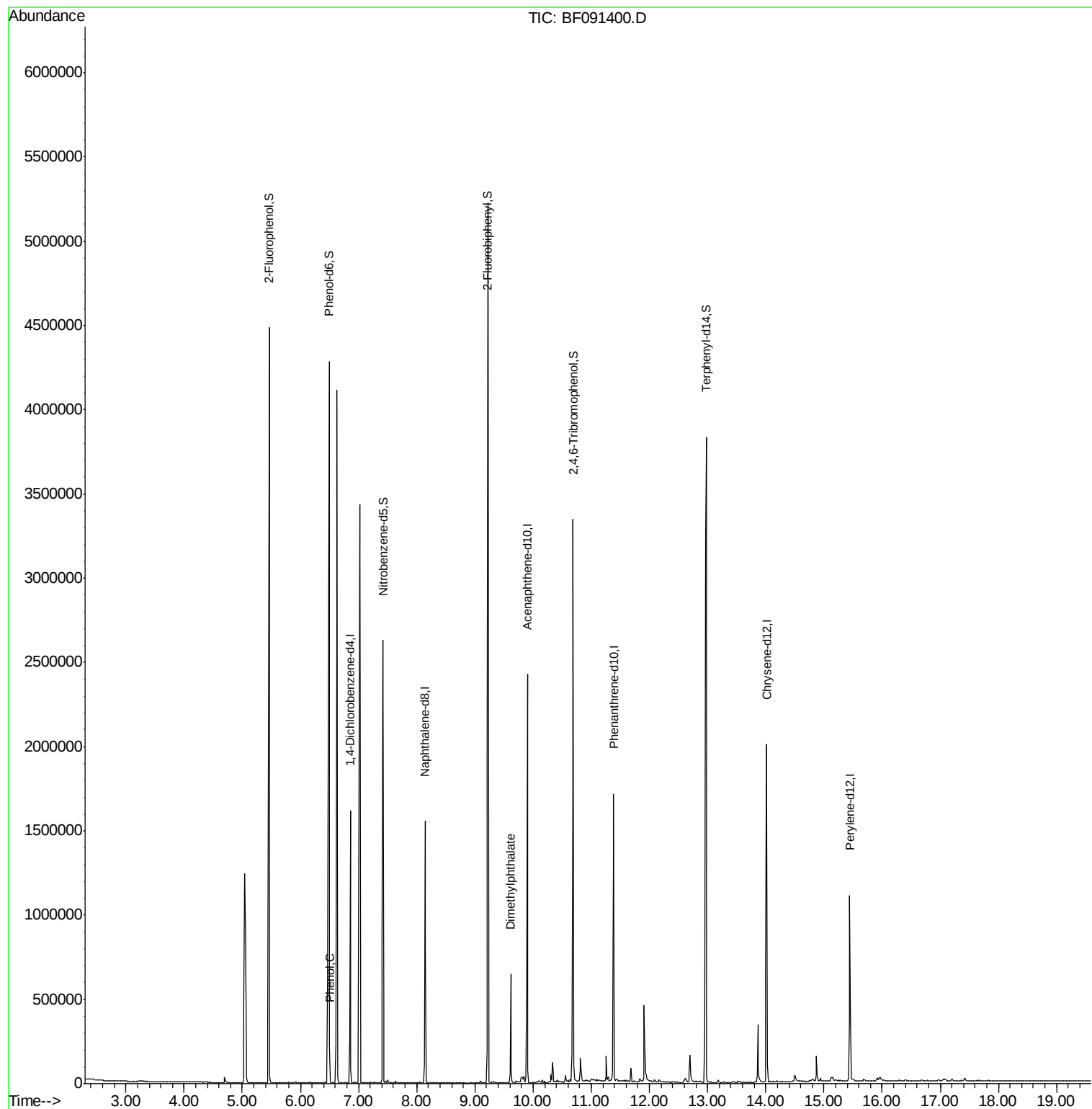
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	212337	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	818949	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	520552	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	871841	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	728189	20.00	ng	-0.03
86) Perylene-d12	15.44	264	527291	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1226364	94.35	ng	0.00
7) Phenol-d6	6.49	99	1654396	103.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	860918	58.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	452723	91.87	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1703925	59.27	ng	-0.02
78) Terphenyl-d14	12.97	244	1775599	53.00	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	69339	3.68	ng	76
49) Dimethylphthalate	9.61	163	233025	7.39	ng	98

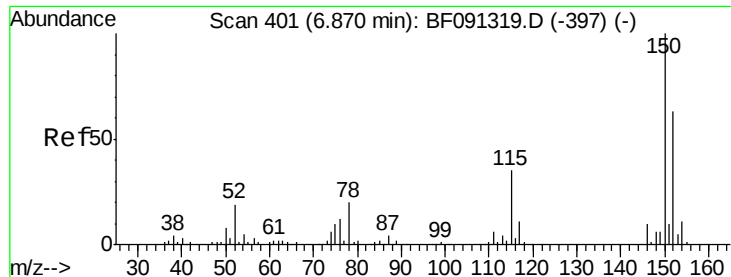
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampled :

113016-08

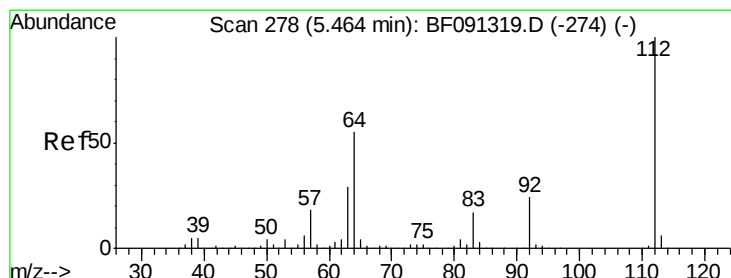
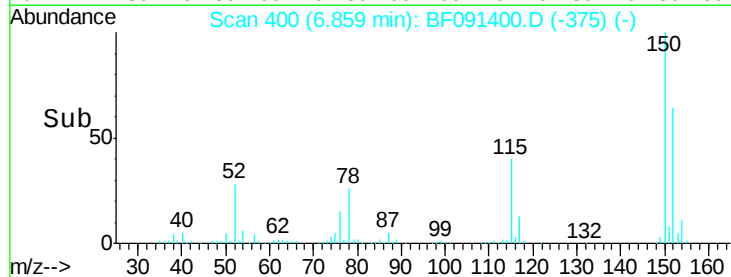
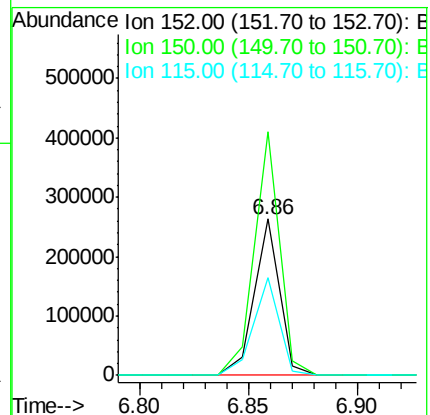
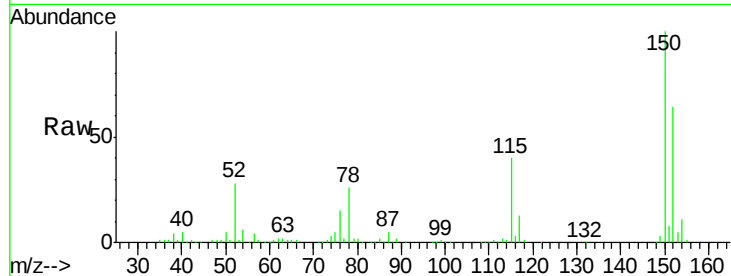
Tgt Ion:152 Resp: 212337

Ion Ratio Lower Upper

152 100

150 155.8 122.5 183.7

115 62.2 51.8 77.8



#5

2-Fluorophenol

Concen: 94.35 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

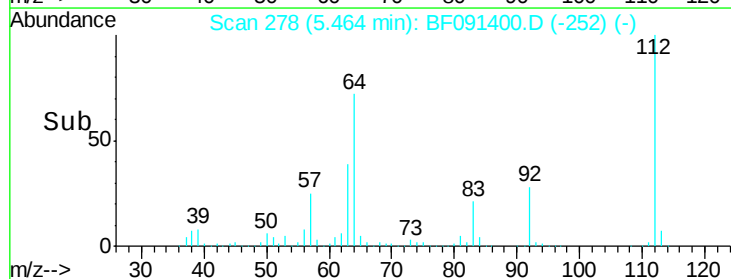
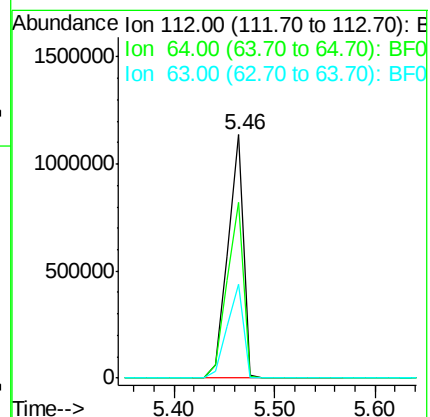
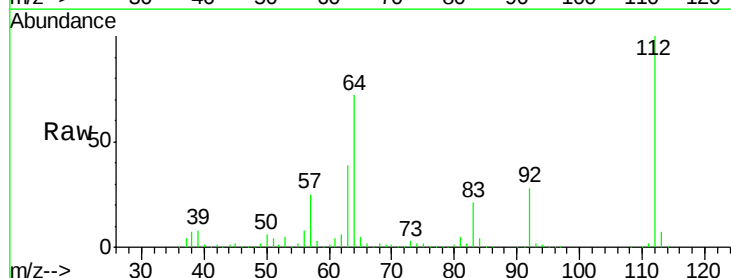
Tgt Ion:112 Resp: 1226364

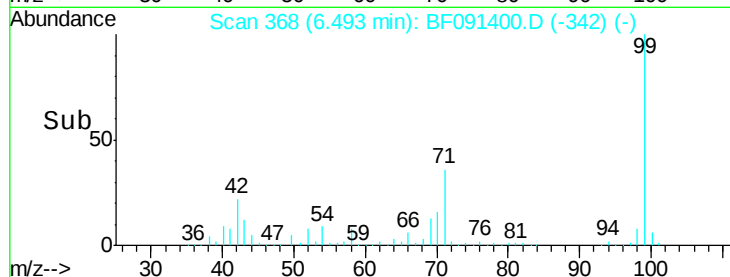
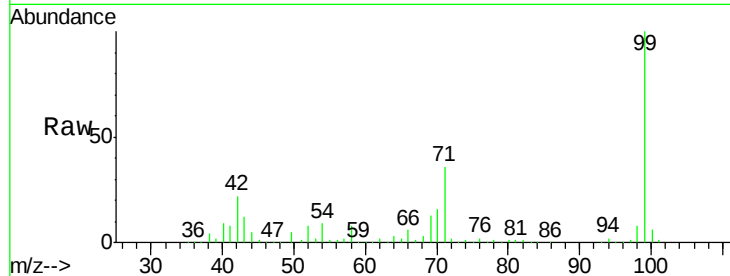
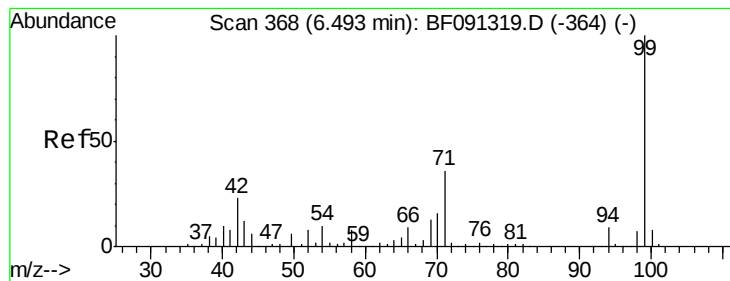
Ion Ratio Lower Upper

112 100

64 72.2 61.5 92.3

63 38.7 33.3 49.9





#7

Phenol-d6

Concen: 103.40 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

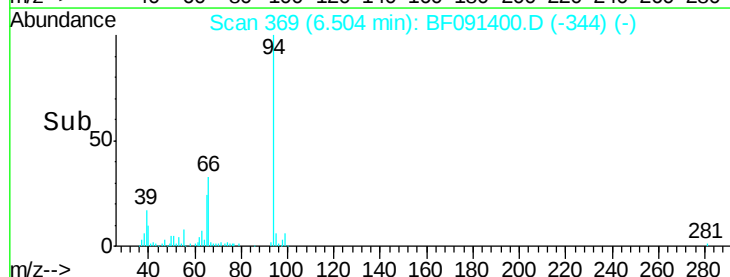
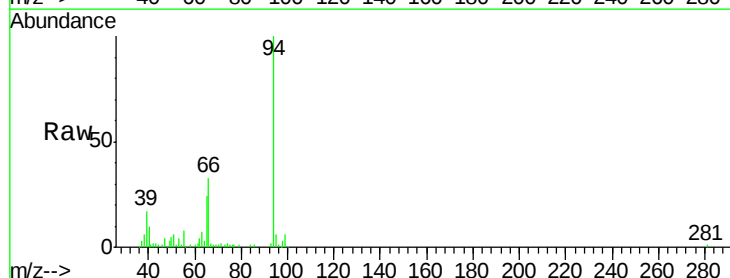
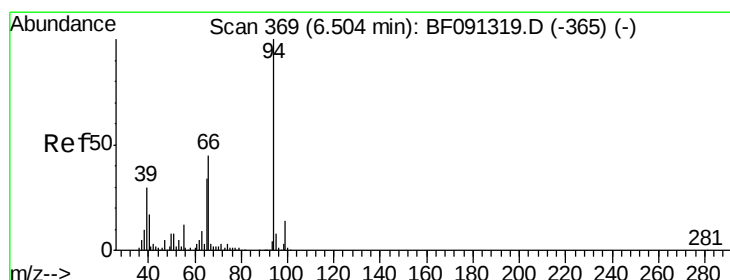
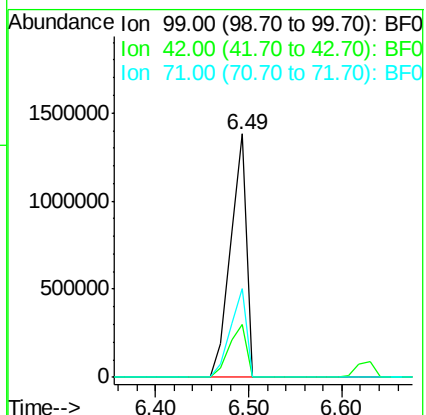
Tgt Ion: 99 Resp: 1654396

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

71 36.2 29.9 44.9



#10

Phenol

Concen: 3.68 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

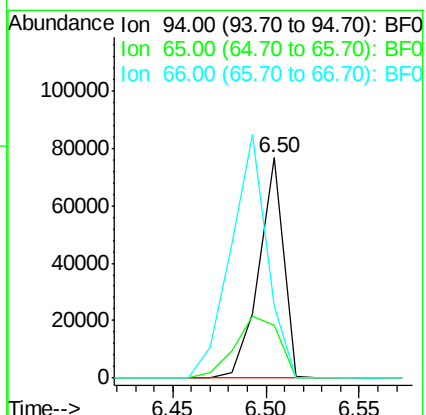
Tgt Ion: 94 Resp: 69339

Ion Ratio Lower Upper

94 100

65 24.2 16.9 56.9

66 32.6 30.6 70.6

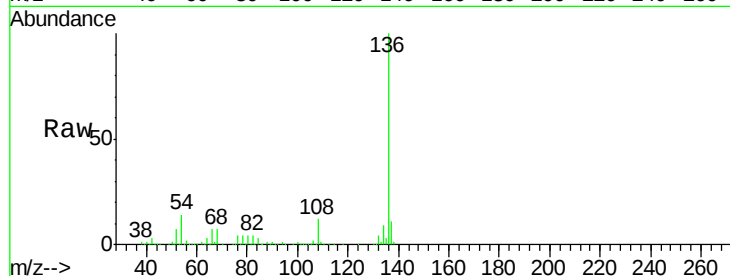




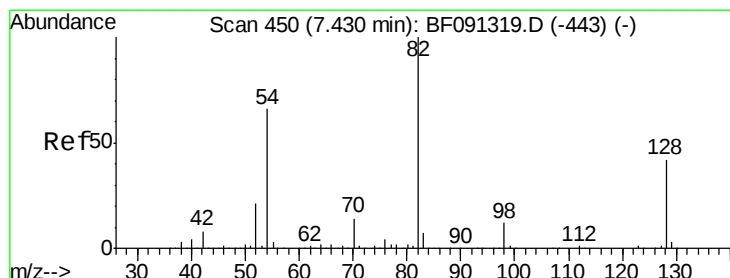
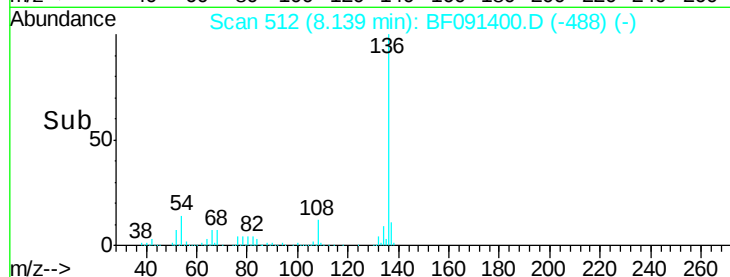
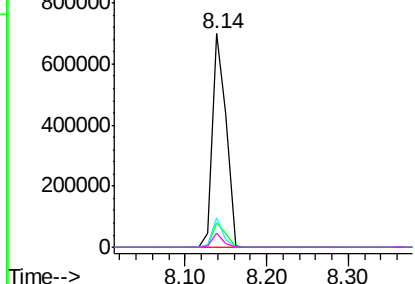
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Instrument :
BNA_F
ClientSampleId :
113016-08

Tgt Ion:	136	Resp:	818949
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	13.9	9.1	13.7#
68	6.7	5.9	8.9

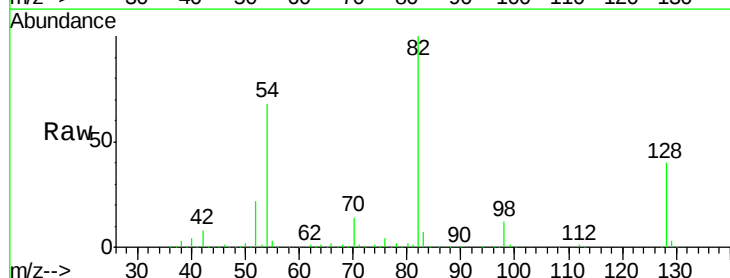


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

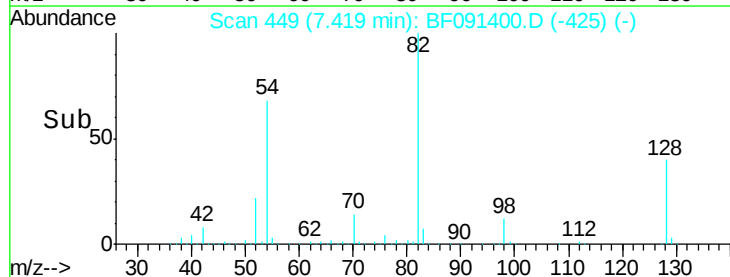
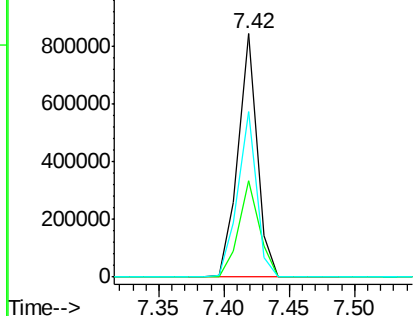


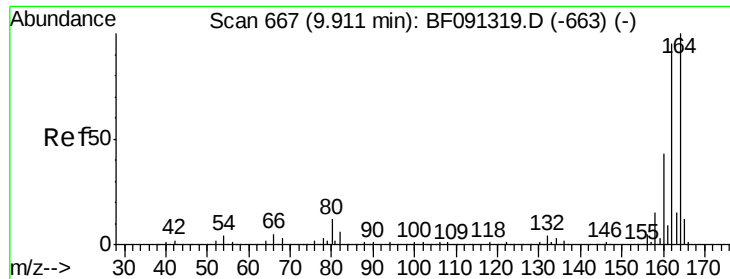
#23
Nitrobenzene-d5
Concen: 58.91 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Tgt Ion:	82	Resp:	860918
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.8	47.6
54	68.1	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

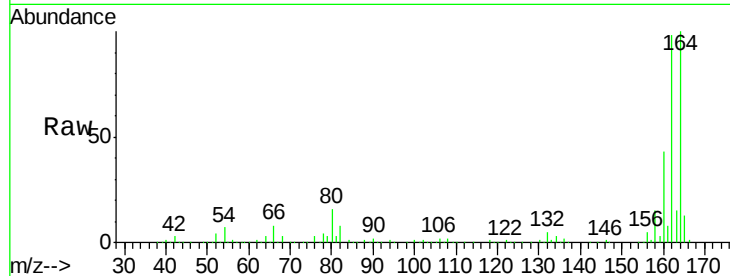




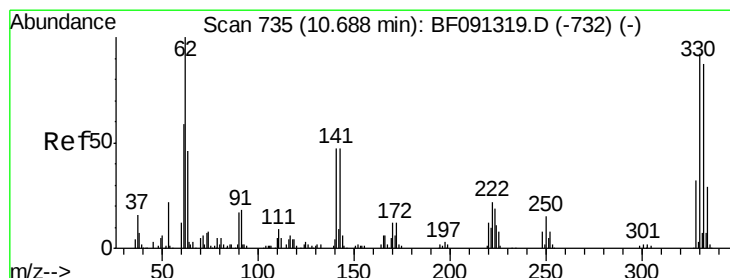
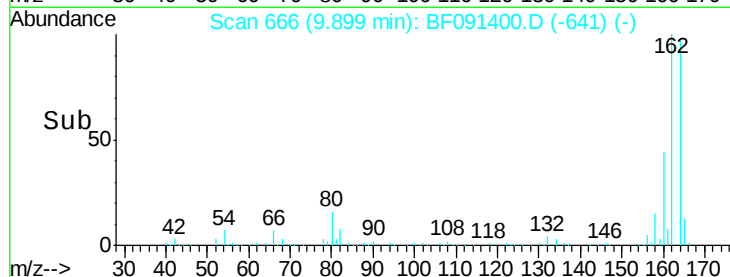
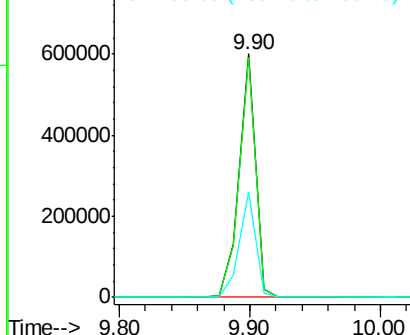
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Instrument :
BNA_F
ClientSampleId :
113016-08

Tgt Ion:164 Resp: 520552
Ion Ratio Lower Upper
164 100
162 98.3 82.6 124.0
160 43.4 36.7 55.1

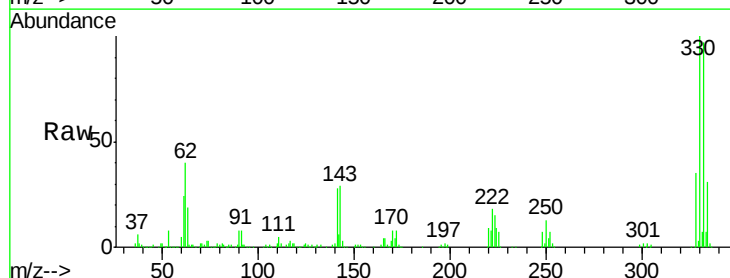


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

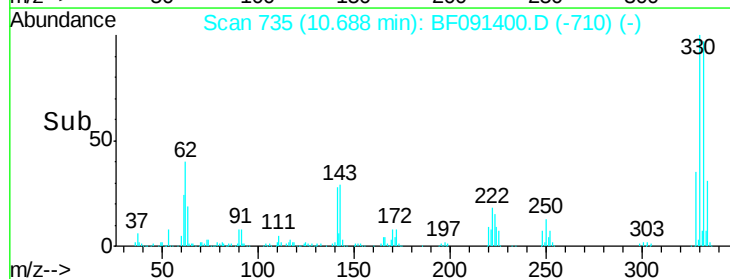
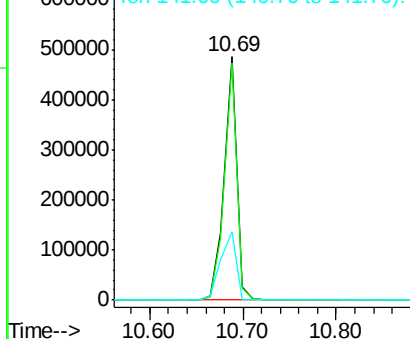


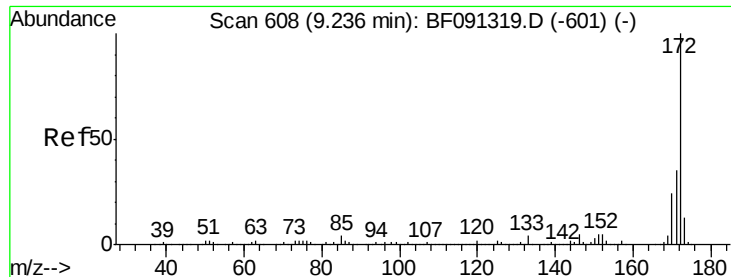
#41
2,4,6-Tribromophenol
Concen: 91.87 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Tgt Ion:330 Resp: 452723
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 34.4 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

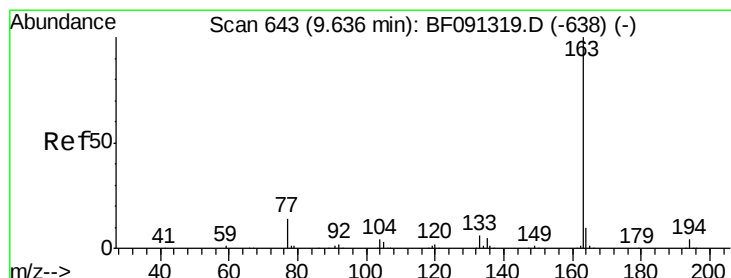
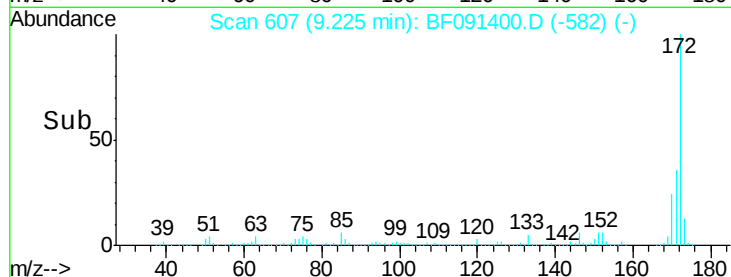
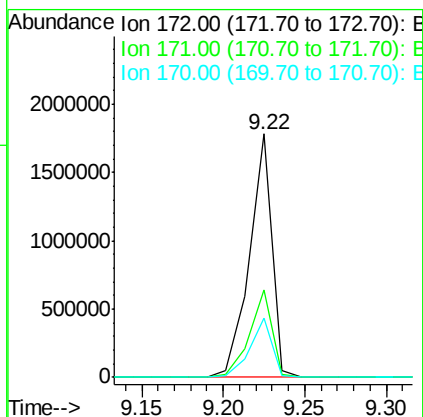
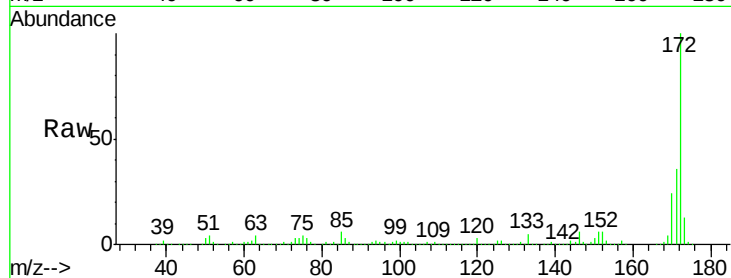




#44
2-Fluorobiphenyl
Concen: 59.27 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

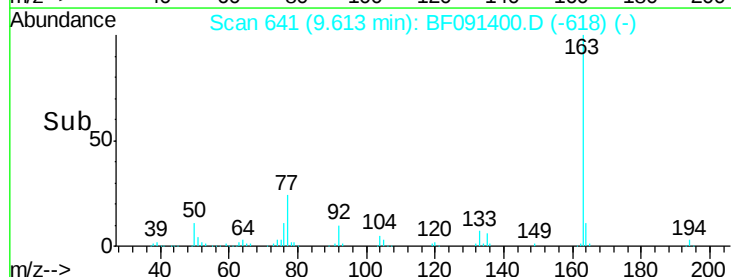
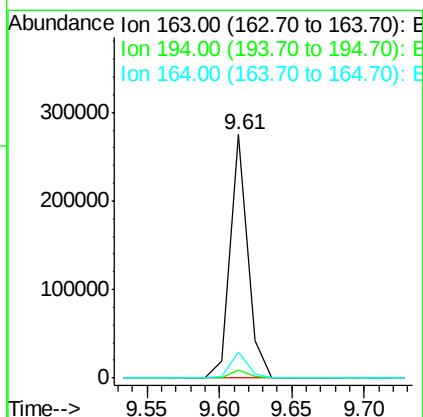
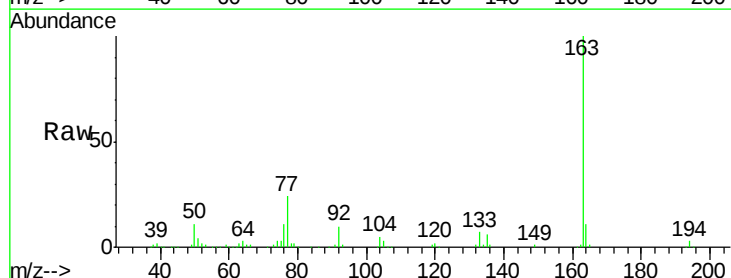
Instrument :
BNA_F
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113016-08

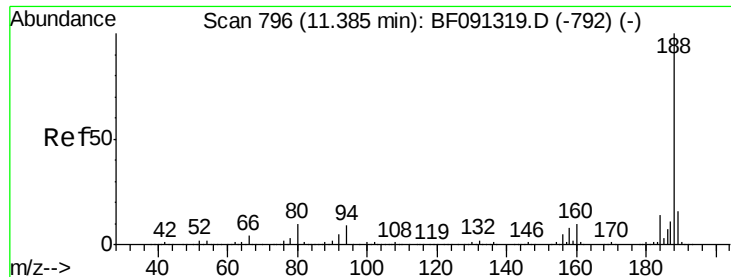
Tgt Ion:172 Resp: 1703925
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.2 19.7 29.5



#49
Dimethylphthalate
Concen: 7.39 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Tgt Ion:163 Resp: 233025
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 7.8 11.8

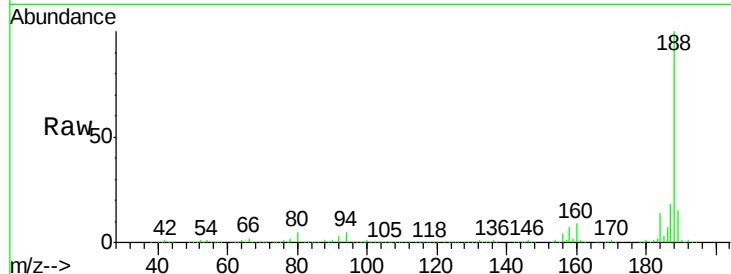




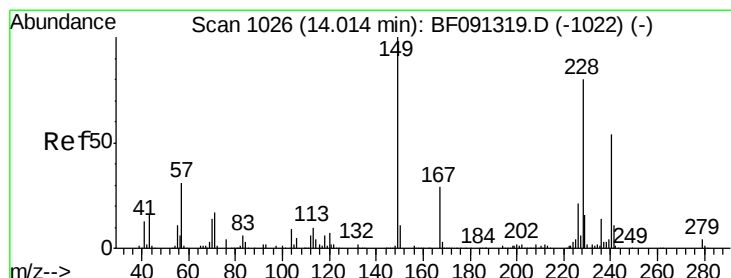
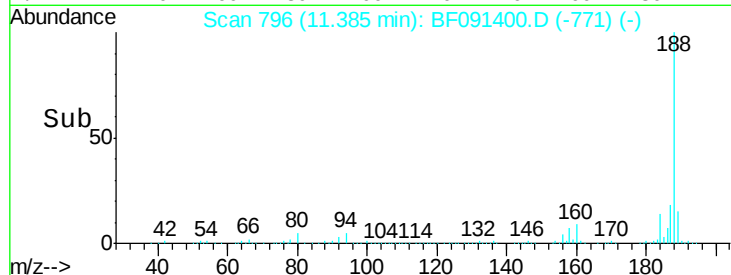
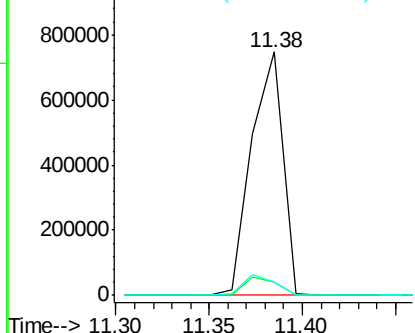
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Instrument :
BNA_F
ClientSampleId :
113016-08

Tgt Ion:188 Resp: 871841
Ion Ratio Lower Upper
188 100
94 5.3 9.2 13.8#
80 5.4 10.5 15.7#

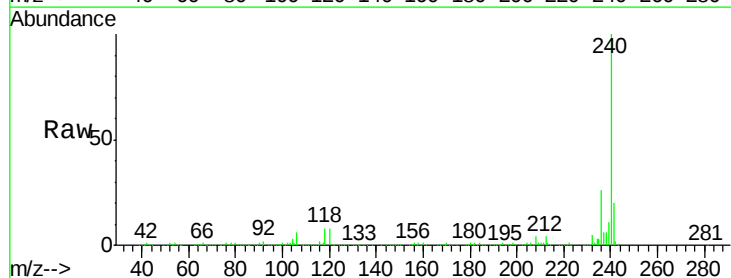


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

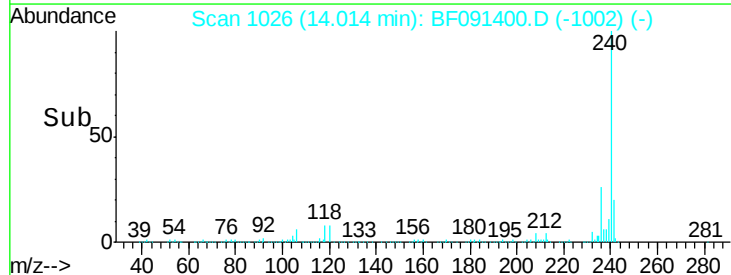
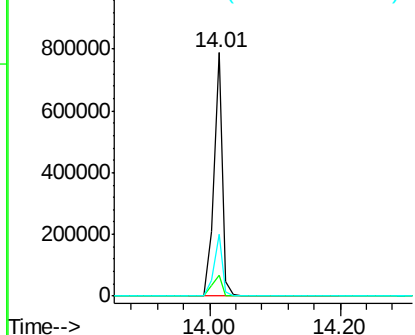


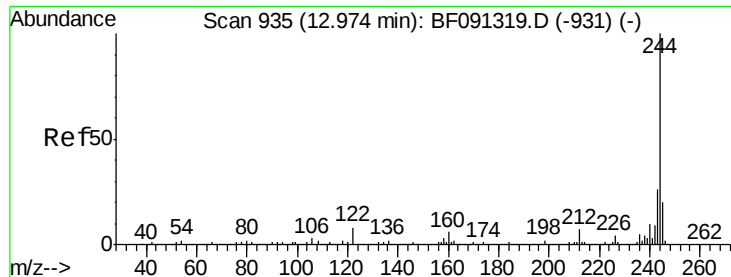
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Tgt Ion:240 Resp: 728189
Ion Ratio Lower Upper
240 100
120 8.5 12.1 18.1#
236 25.5 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

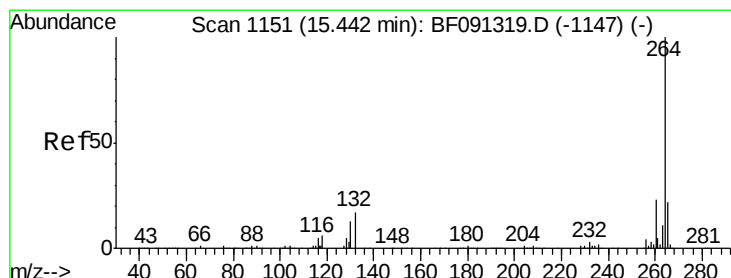
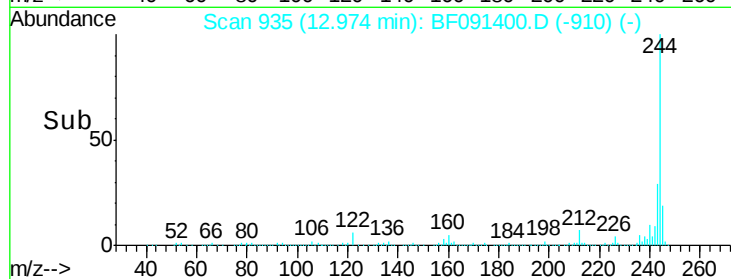
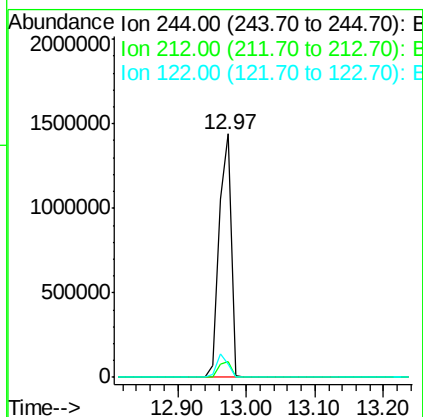
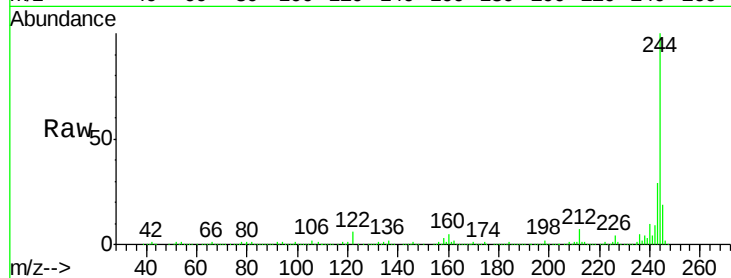




#78
 Terphenyl-d14
 Concen: 53.00 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091400.D
 Acq: 2 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 113016-08

Tgt Ion:244 Resp: 1775599
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF091400.D
 Acq: 2 Dec 2016 20:20

Tgt Ion:264 Resp: 527291
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.4 17.0 25.6

