

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091440.D
 Acq On : 6 Dec 2016 1:31
 Operator : UM/SJ
 Sample : H5825-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Quant Time: Dec 06 04:19:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

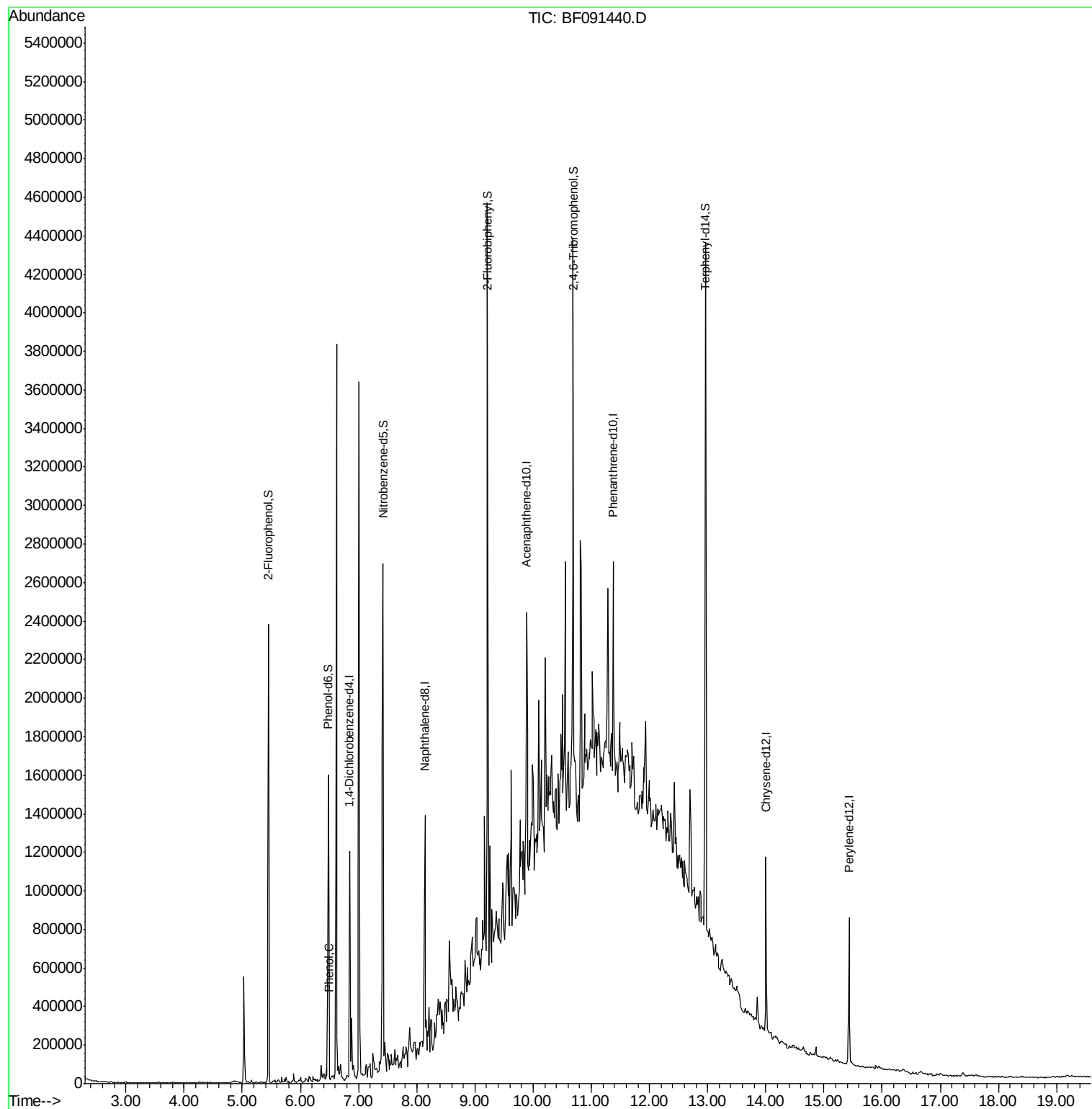
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150871	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	614189	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	327463	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	478810	20.00	ng	0.00
75) Chrysene-d12	14.00	240	338335	20.00	ng	0.00
86) Perylene-d12	15.43	264	355653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	572810	62.02	ng	0.01
7) Phenol-d6	6.48	99	460925	40.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	1016734	92.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	369548	119.20	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1570896	86.86	ng	0.00
78) Terphenyl-d14	12.96	244	1225045	78.70	ng	0.00
Target Compounds						
10) Phenol	6.49	94	37023	2.77	ng	Qvalue 91

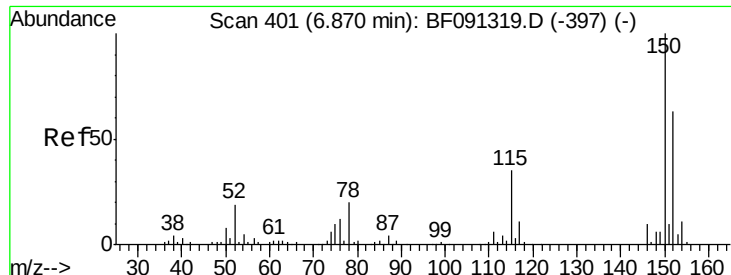
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

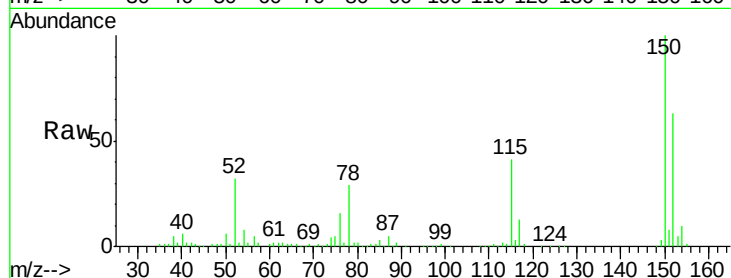
Tot Ion:152 Resp: 150871

Ion Ratio Lower Upper

152 100

150 158.8 122.5 183.7

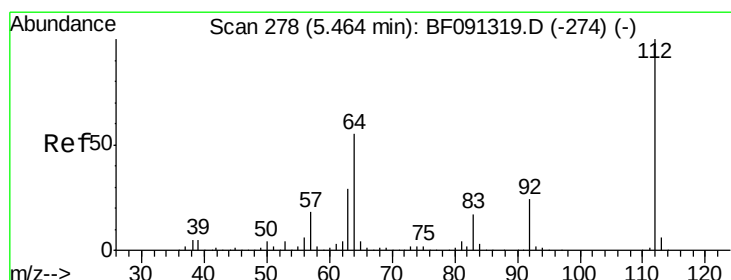
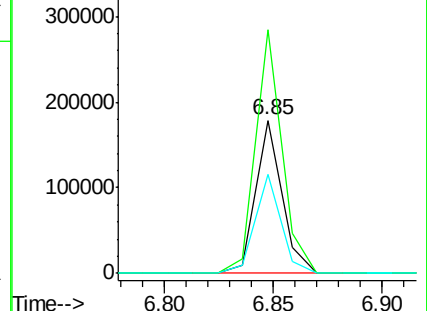
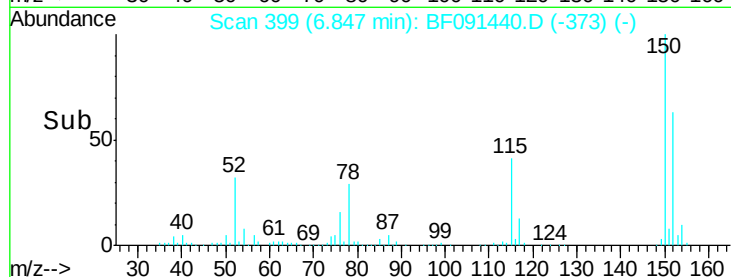
115 64.9 51.8 77.8



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: 62.02 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

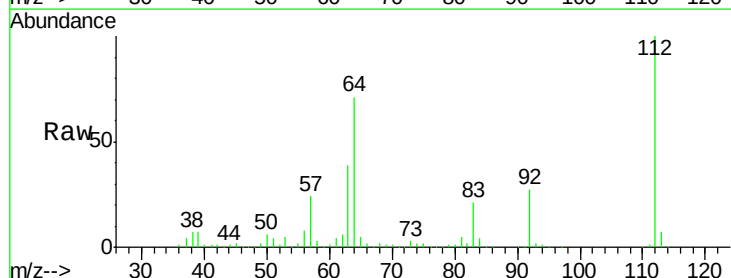
Tgt Ion:112 Resp: 572810

Ion Ratio Lower Upper

112 100

64 71.4 61.5 92.3

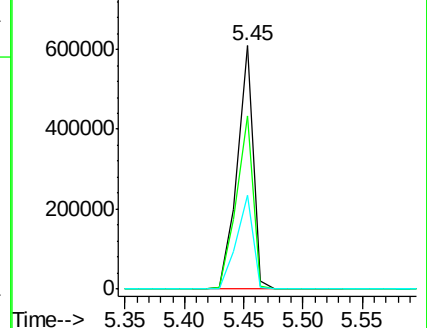
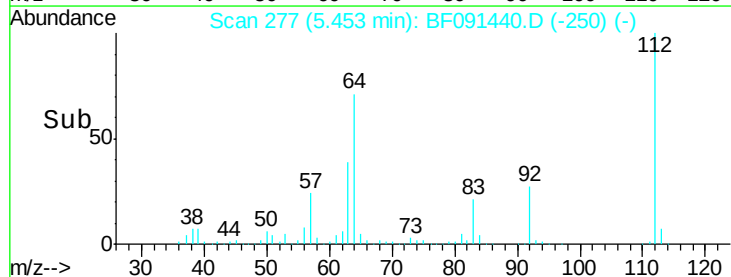
63 38.6 33.3 49.9

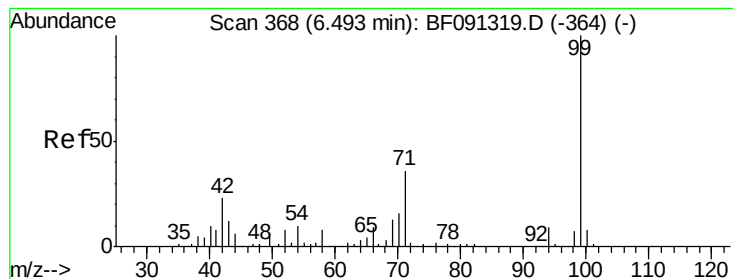


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.54 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

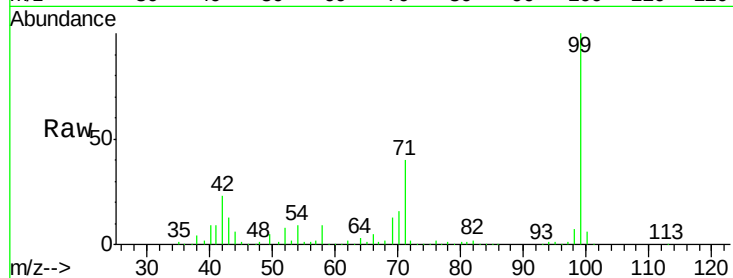
Tot Ion: 99 Resp: 460925

Ion Ratio Lower Upper

99 100

42 23.0 20.6 31.0

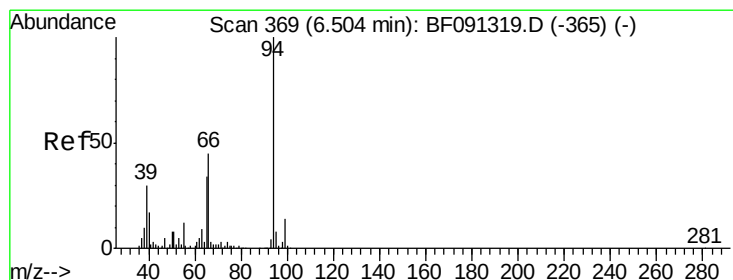
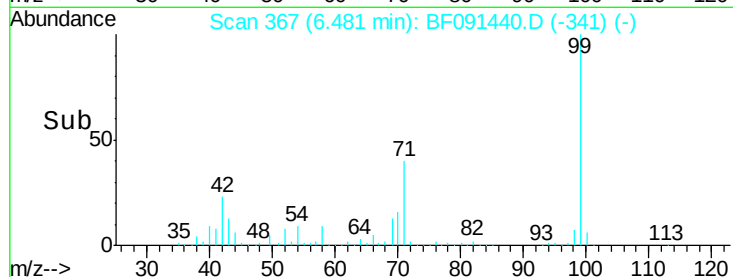
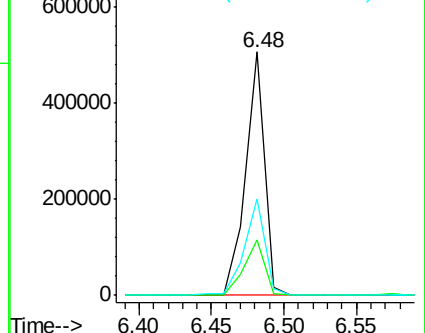
71 39.8 29.9 44.9



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



#10

Phenol

Concen: 2.77 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

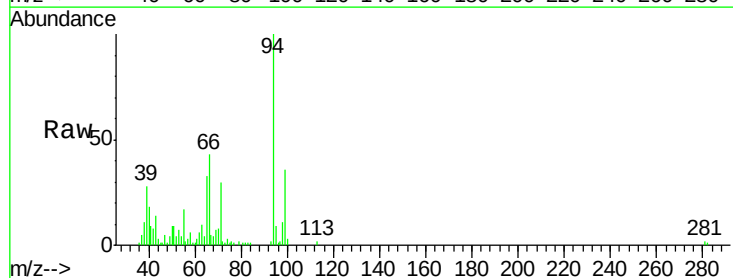
Tgt Ion: 94 Resp: 37023

Ion Ratio Lower Upper

94 100

65 33.3 16.9 56.9

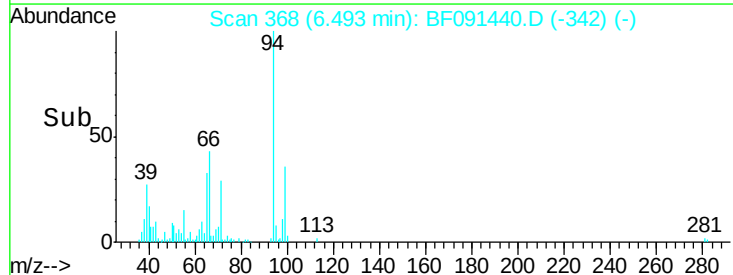
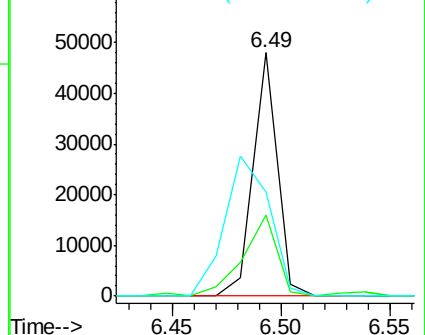
66 42.6 30.6 70.6

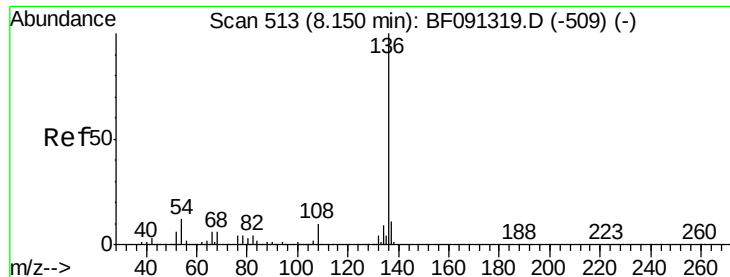


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

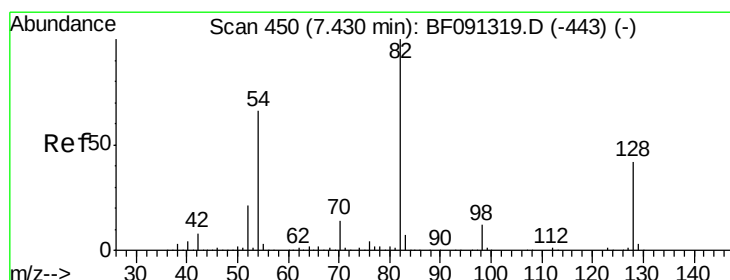
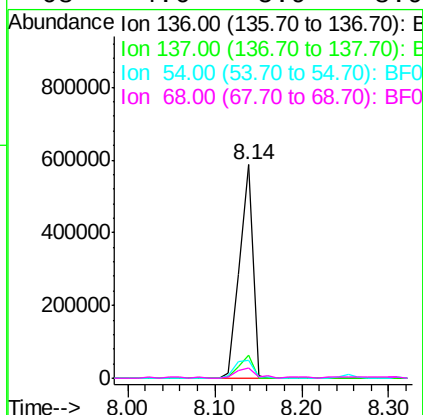
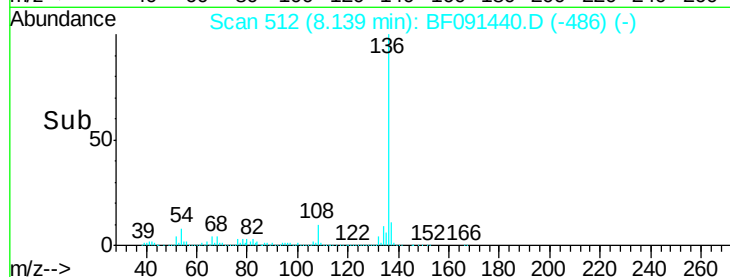
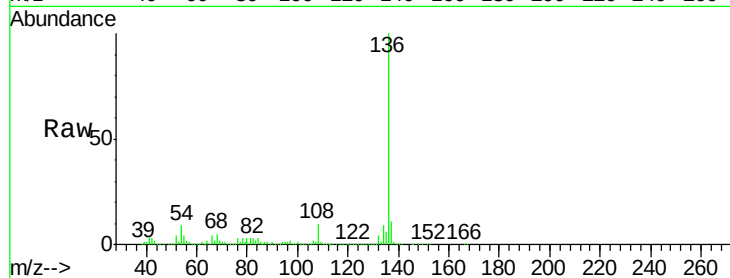




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091440.D
Acq: 6 Dec 2016 1:31

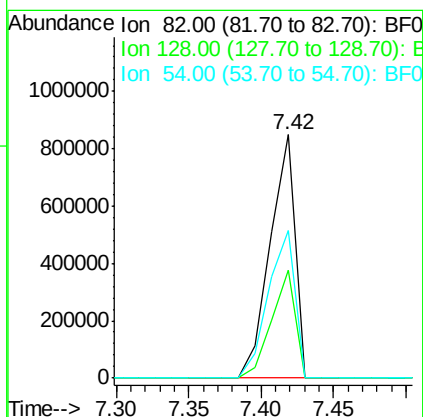
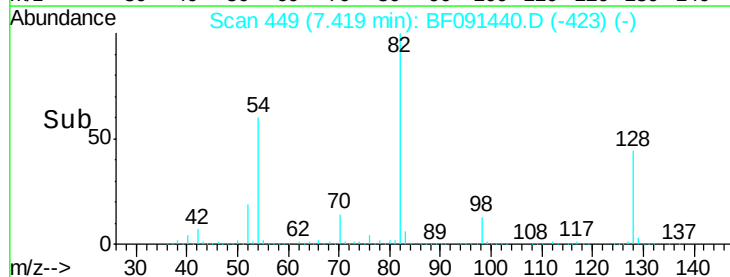
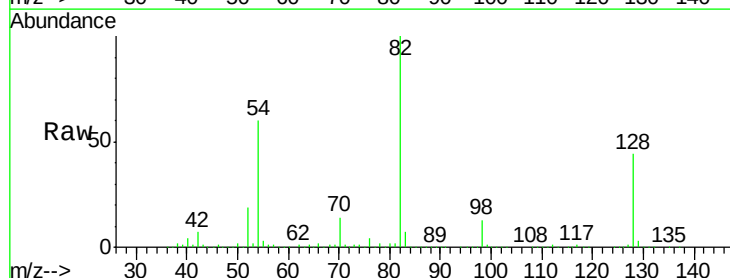
Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

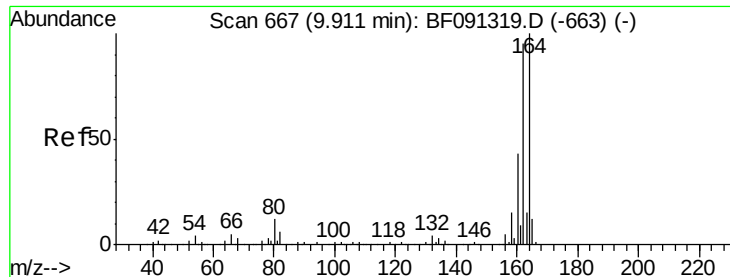
Tot Ion:	136	Resp:	614189
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.6	9.1	13.7#
68	4.6	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091440.D
Acq: 6 Dec 2016 1:31

Tgt Ion:	82	Resp:	1016734
Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.8	47.6
54	60.4	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

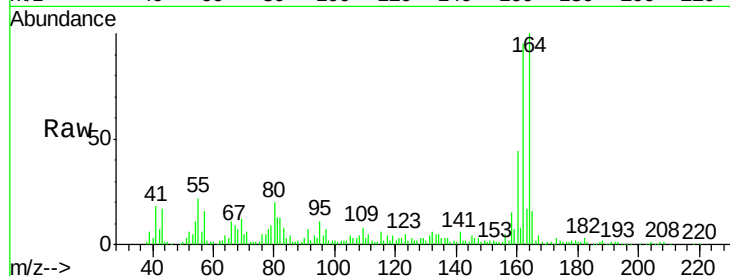
Tot Ion:164 Resp: 327463

Ion Ratio Lower Upper

164 100

162 95.4 82.6 124.0

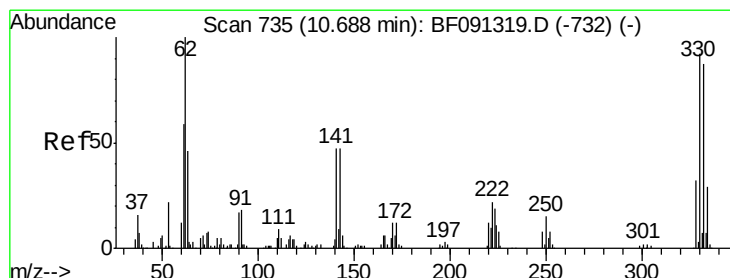
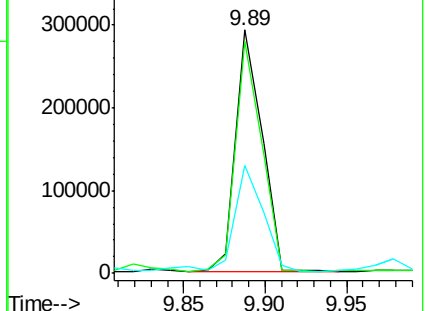
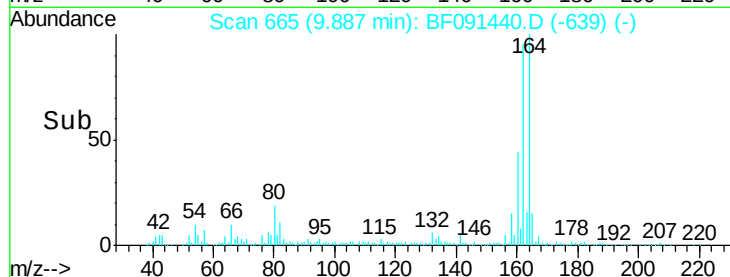
160 44.5 36.7 55.1



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: 119.20 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF091440.D

Acq: 6 Dec 2016 1:31

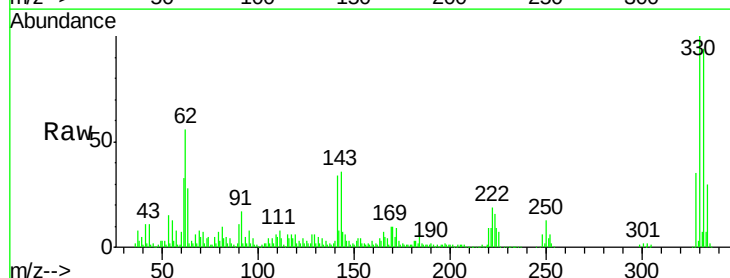
Tgt Ion:330 Resp: 369548

Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

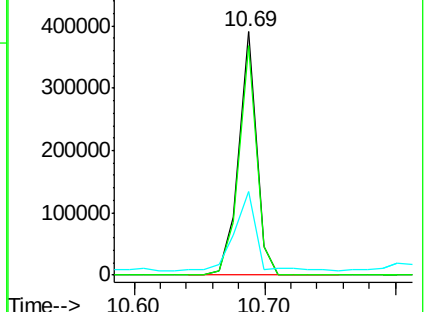
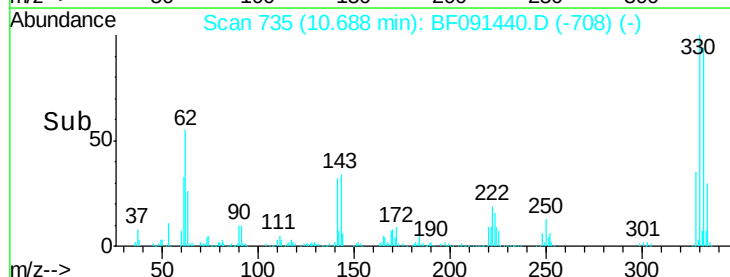
141 40.2 33.6 50.4

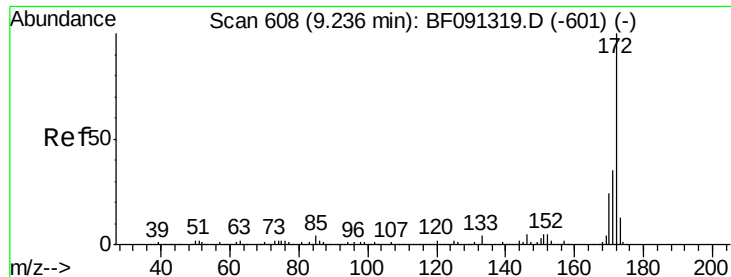


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

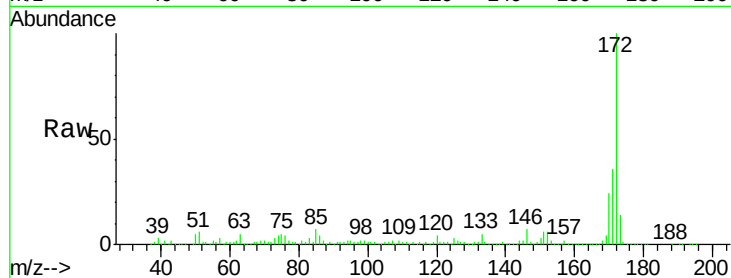




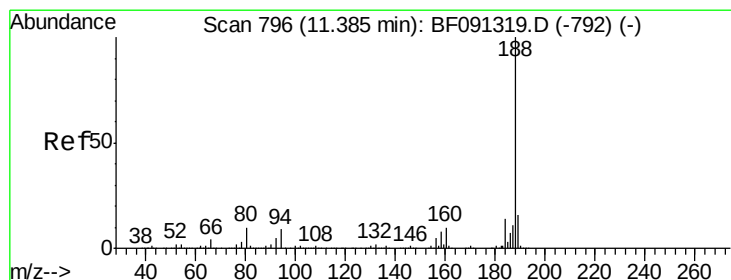
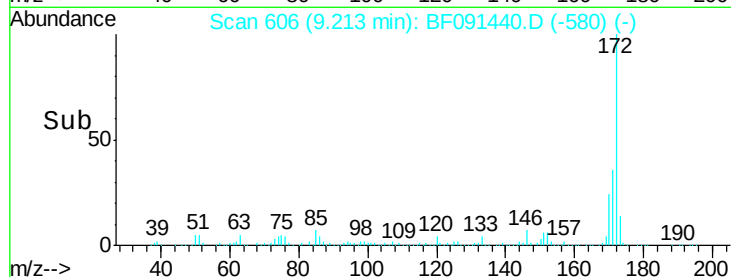
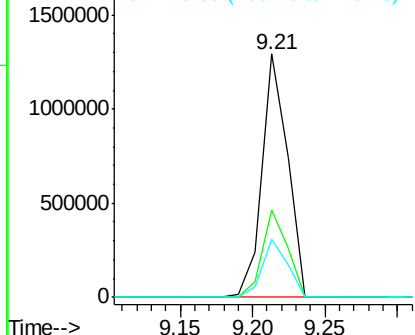
#44
2-Fluorobiphenyl
Concen: 86.86 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091440.D
Acq: 6 Dec 2016 1:31

Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

Tot Ion:172 Resp: 1570896
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.8 19.7 29.5

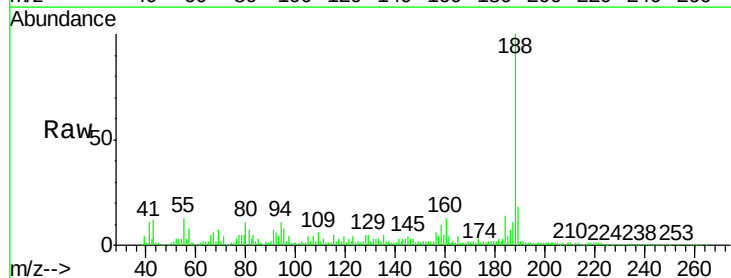


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

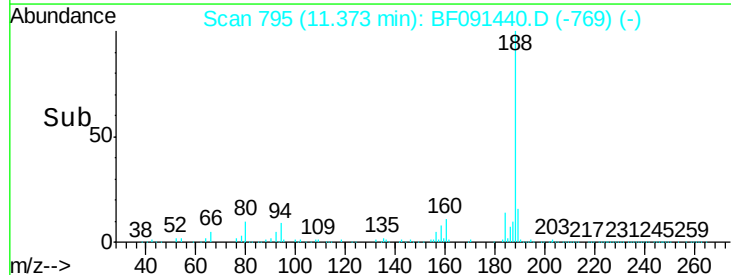
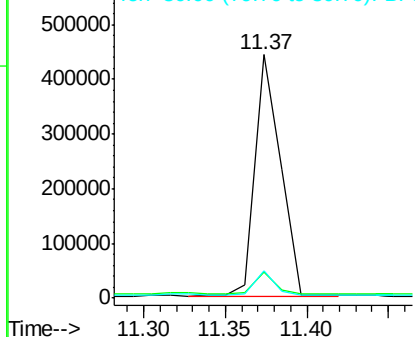


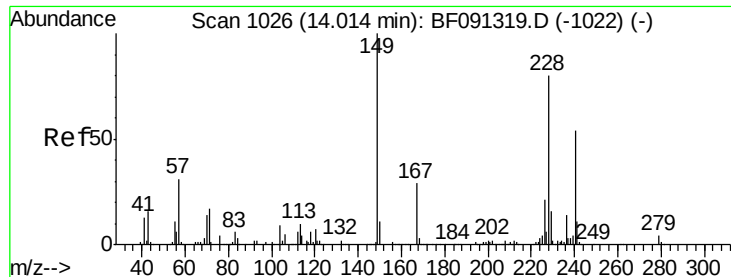
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF091440.D
Acq: 6 Dec 2016 1:31

Tgt Ion:188 Resp: 478810
Ion Ratio Lower Upper
188 100
94 10.5 9.2 13.8
80 11.4 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

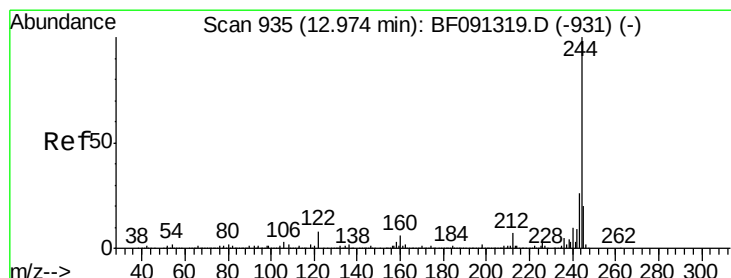
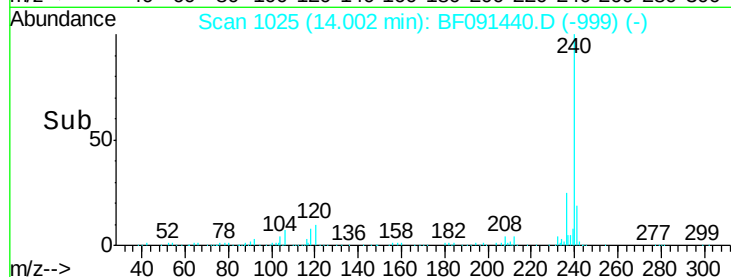
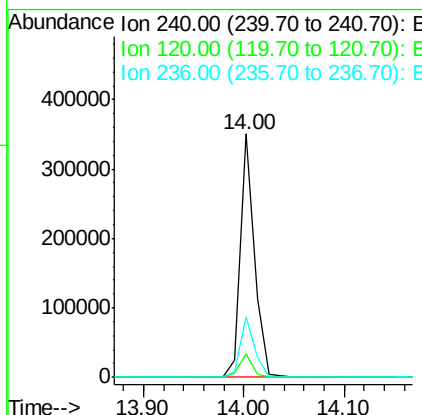
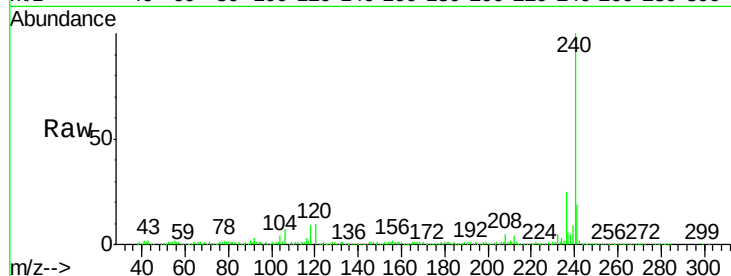




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091440.D
 Acq: 6 Dec 2016 1:31

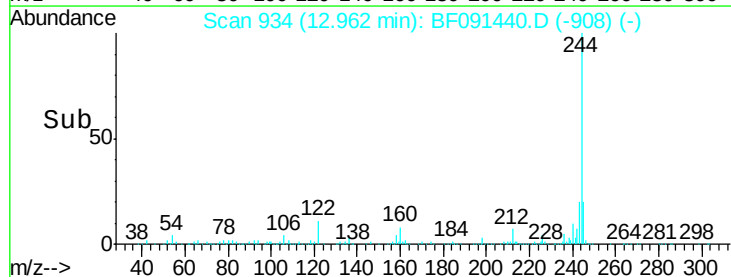
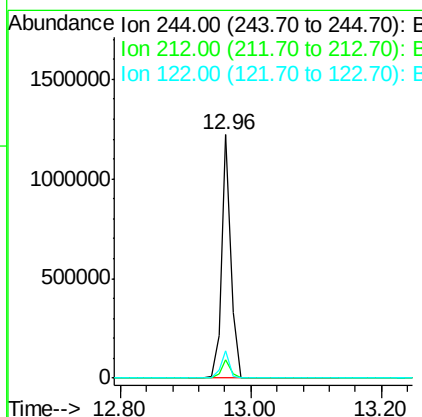
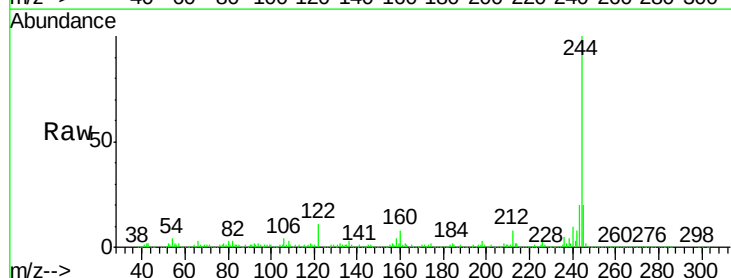
Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

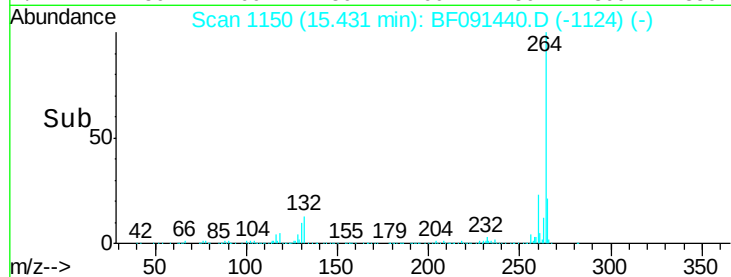
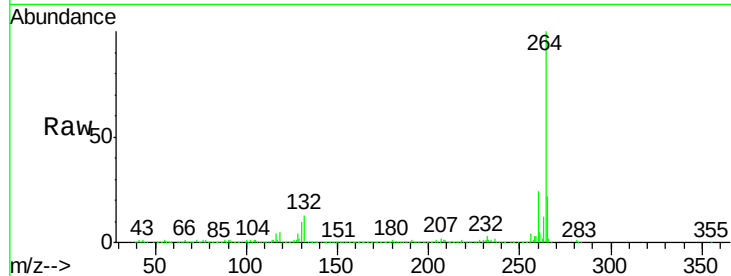
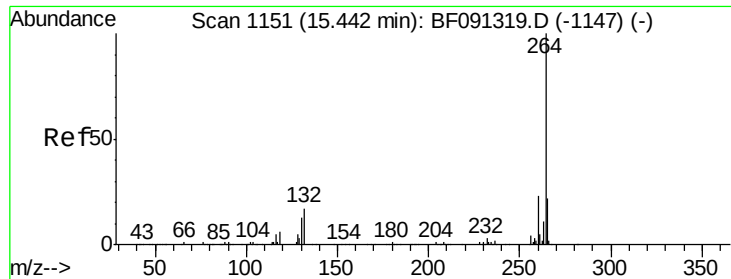
Tot Ion:240 Resp: 338335
 Ion Ratio Lower Upper
 240 100
 120 9.9 12.1 18.1#
 236 24.9 21.0 31.6



#78
 Terphenyl-d14
 Concen: 78.70 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091440.D
 Acq: 6 Dec 2016 1:31

Tgt Ion:244 Resp: 1225045
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 11.2 9.5 14.3





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091440.D
Acq: 6 Dec 2016 1:31

Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.0	25.6

