

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089195.D
 Acq On : 22 Jul 2016 14:11
 Operator : UM/SJ
 Sample : H4112-08DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-01-5.0-7.0DL

Quant Time: Jul 22 16:01:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

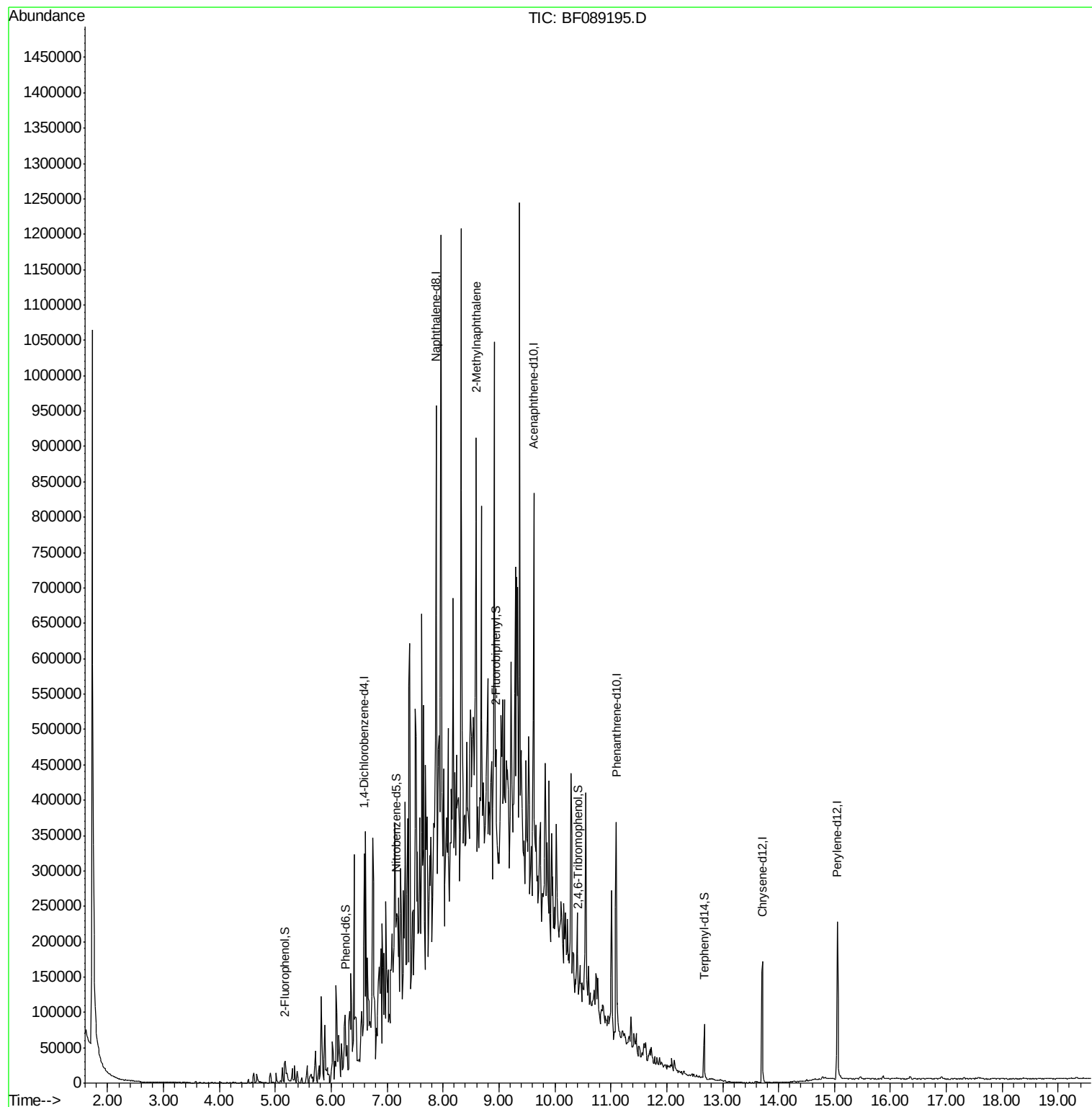
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	47638	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	184079	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	90373	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	148176	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	89745	20.00	ng	-0.01
86) Perylene-d12	15.05	264	99214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	30886	9.86	ng	-0.01
7) Phenol-d6	6.25	99	45679	11.31	ng	-0.02
23) Nitrobenzene-d5	7.16	82	37696	10.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	5715	7.02	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	51912	7.91	ng	-0.02
78) Terphenyl-d14	12.67	244	31104	7.52	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.59	142	178691	28.20	ng	Qvalue 98

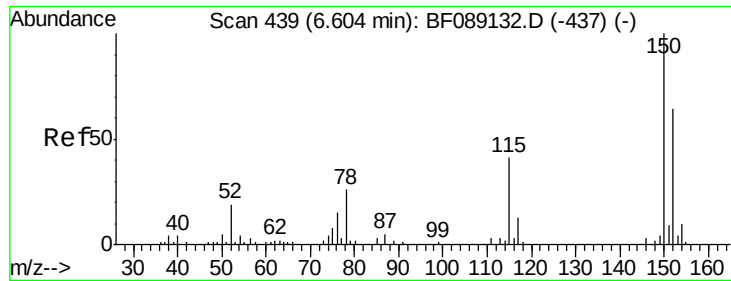
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



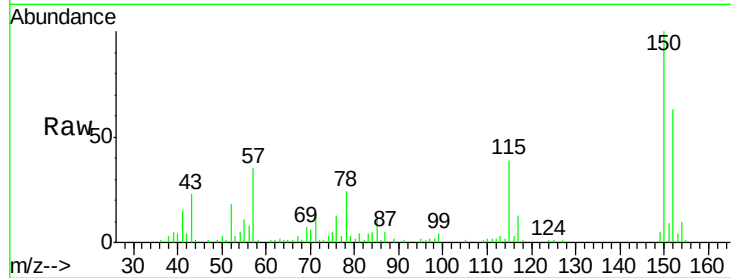


#1

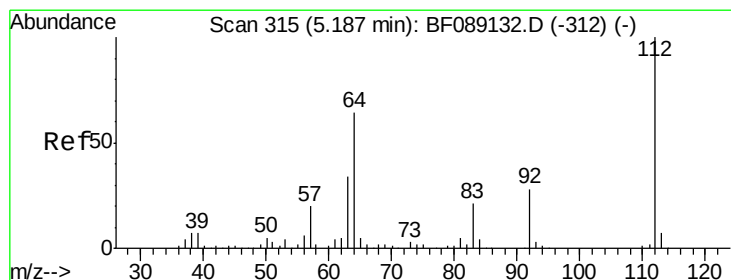
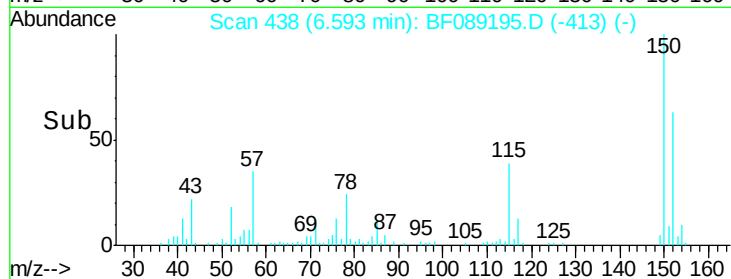
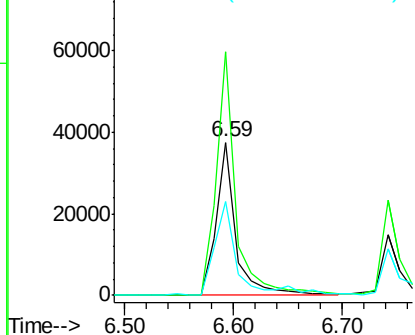
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF089195.D
 Acq: 22 Jul 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 KMW-01-5.0-7.0DL

Tgt Ion:152 Resp: 47638
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.1 187.7
 115 61.5 51.1 76.7



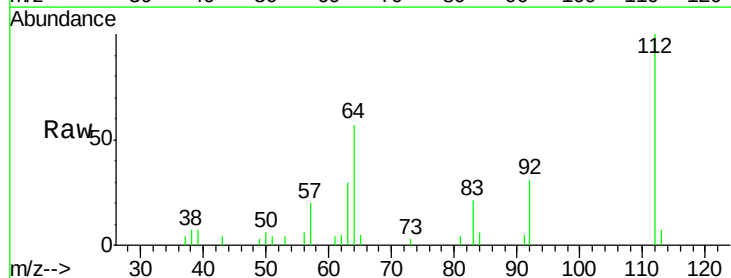
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



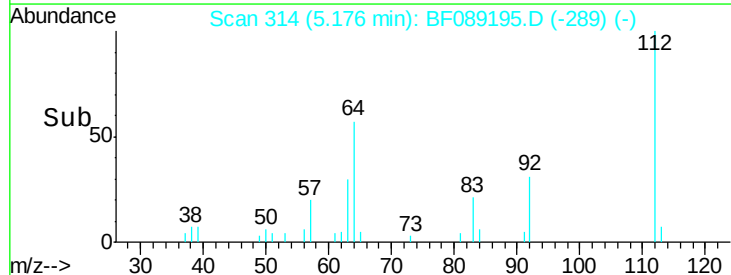
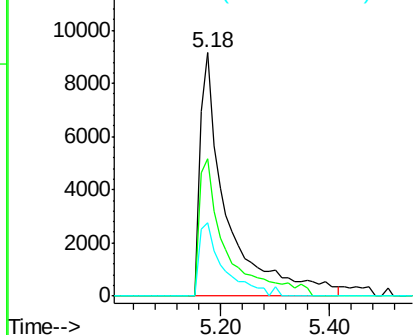
#5

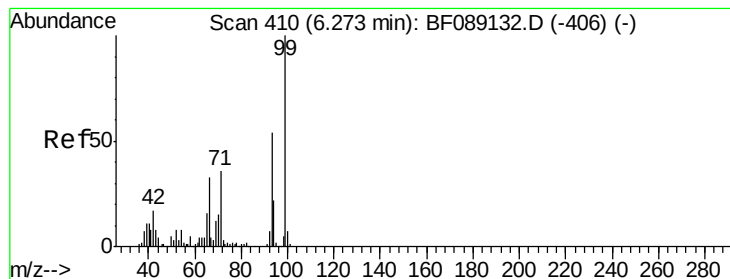
2-Fluorophenol
 Concen: 9.86 ng
 RT: 5.18 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: BF089195.D
 Acq: 22 Jul 2016 14:11

Tgt Ion:112 Resp: 30886
 Ion Ratio Lower Upper
 112 100
 64 56.7 51.0 76.4
 63 30.0 27.3 40.9



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: 11.31 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089195.D

Acq: 22 Jul 2016 14:11

Instrument :

BNA_F

ClientSampleId :

KMW-01-5.0-7.0DL

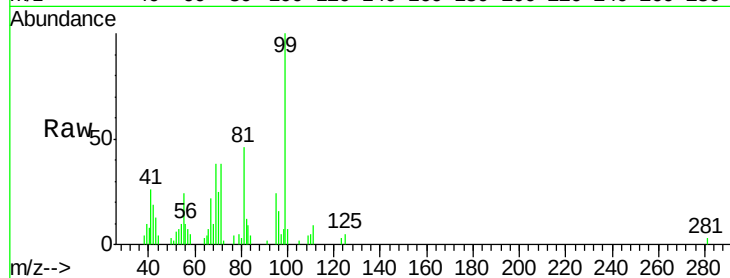
Tgt Ion: 99 Resp: 45679

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

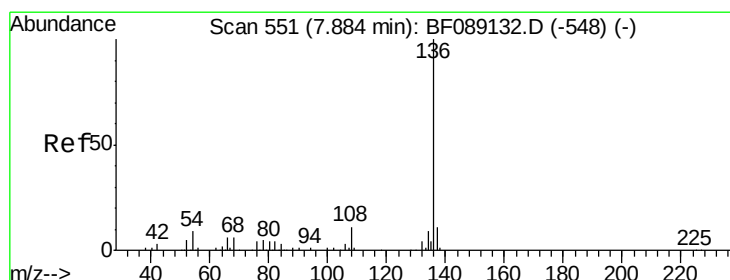
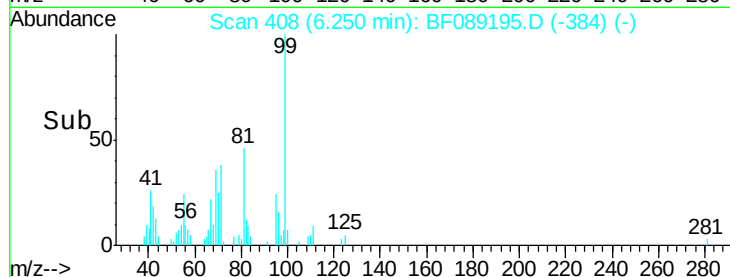
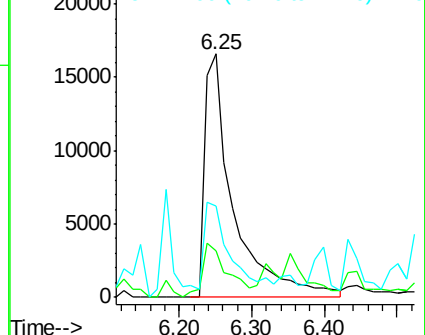
71 37.5 28.9 43.3



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: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089195.D

Acq: 22 Jul 2016 14:11

Tgt Ion: 136 Resp: 184079

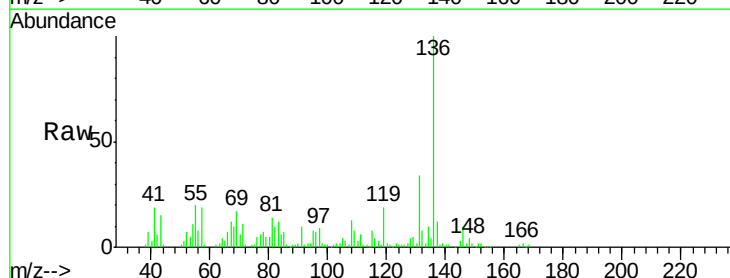
Ion Ratio Lower Upper

136 100

137 12.4 8.8 13.2

54 11.2 7.0 10.4#

68 9.8 5.0 7.6#

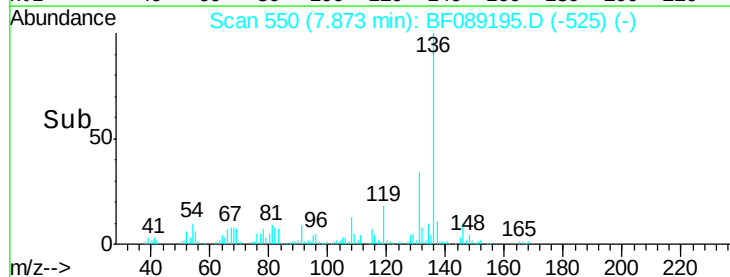
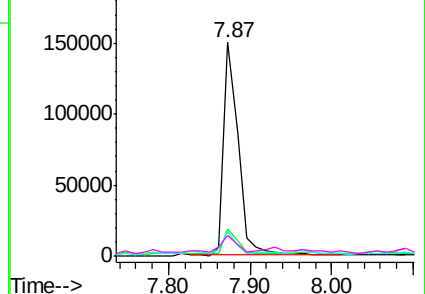


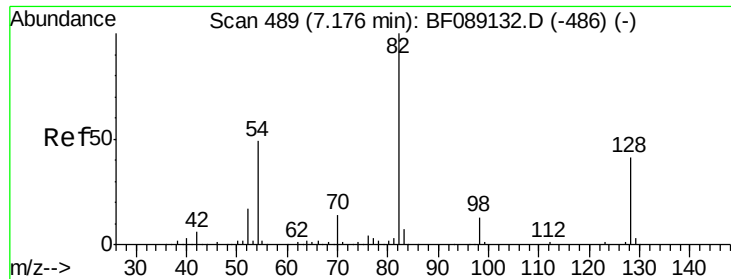
Abundance Ion 136.00 (135.70 to 136.70): E

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

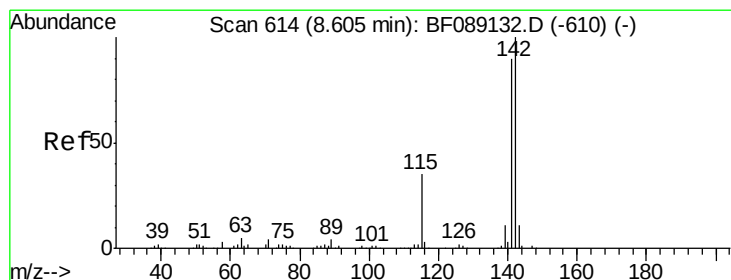
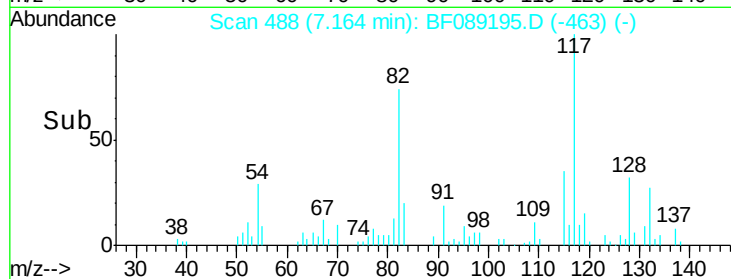
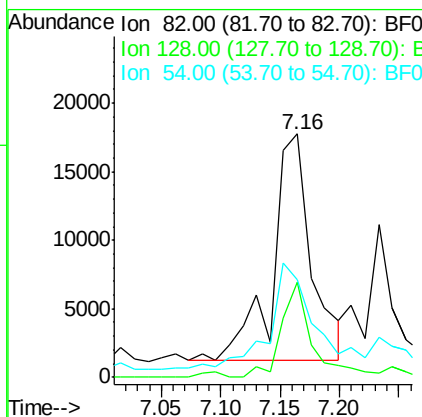
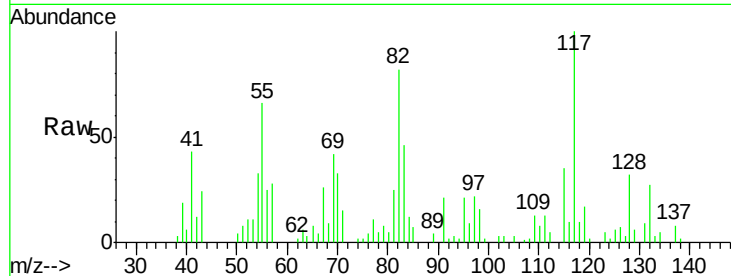




#23
 Nitrobenzene-d5
 Concen: 10.88 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089195.D
 Acq: 22 Jul 2016 14:11

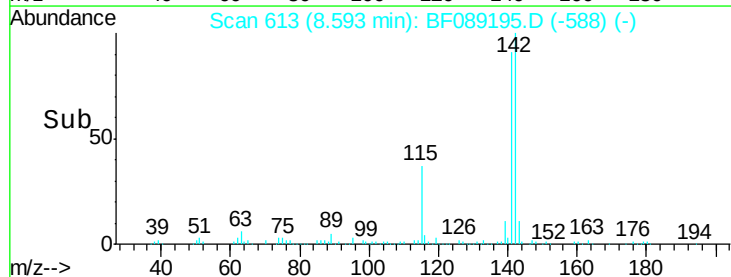
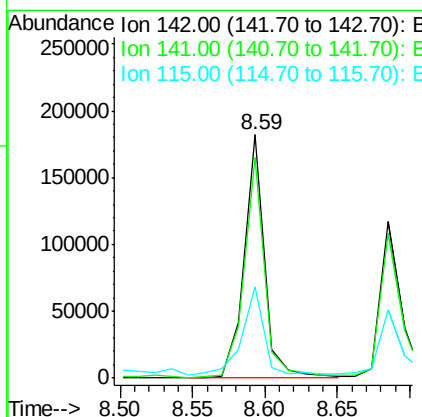
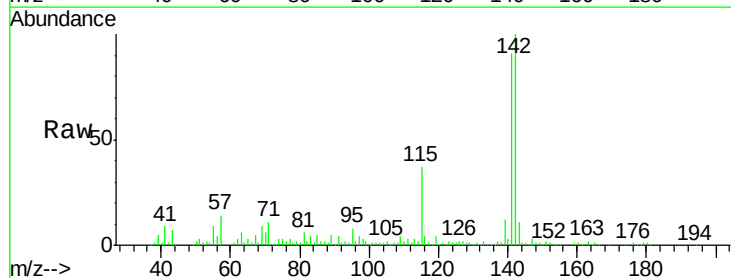
Instrument :
 BNA_F
 ClientSampleId :
 KMW-01-5.0-7.0DL

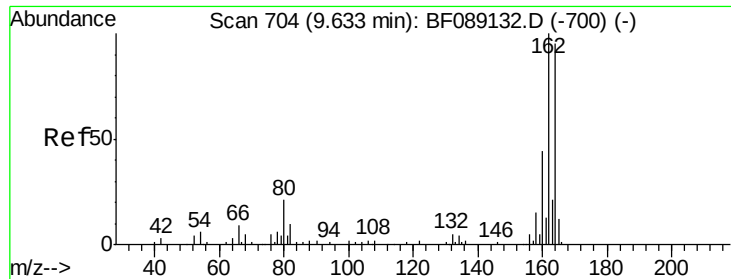
Tgt Ion: 82 Resp: 37696
 Ion Ratio Lower Upper
 82 100
 128 38.9 33.0 49.6
 54 40.2 39.0 58.4



#37
 2-Methylnaphthalene
 Concen: 28.20 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF089195.D
 Acq: 22 Jul 2016 14:11

Tgt Ion: 142 Resp: 178691
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.6 107.4
 115 37.5 27.6 41.4

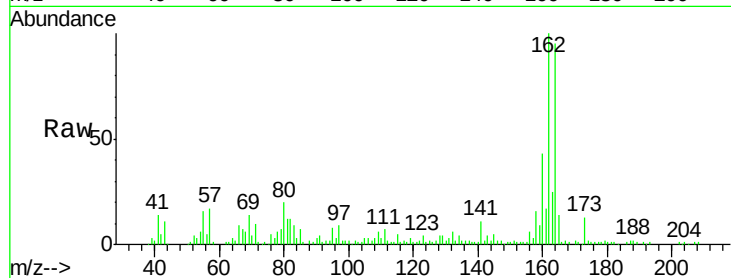




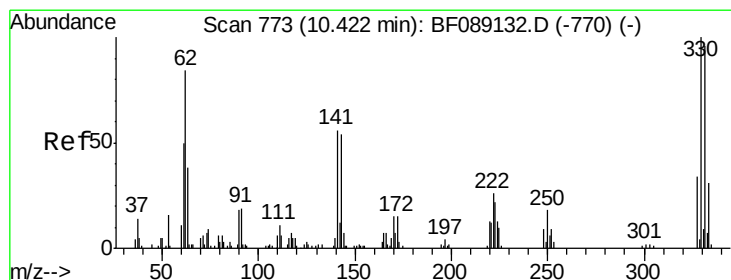
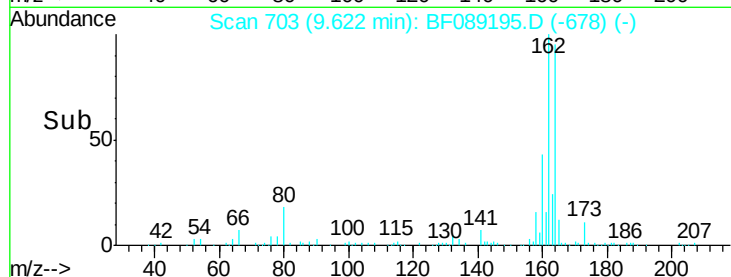
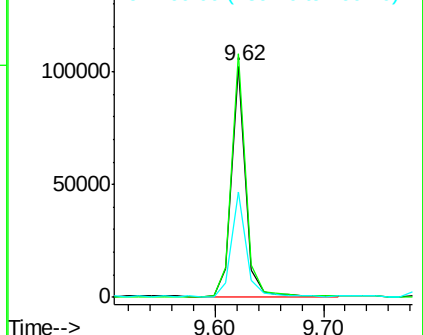
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089195.D
Acq: 22 Jul 2016 14:11

Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0DL

Tgt Ion:164 Resp: 90373
Ion Ratio Lower Upper
164 100
162 105.4 84.1 126.1
160 45.8 37.1 55.7

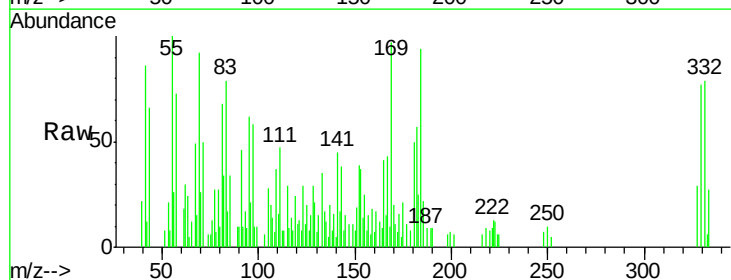


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

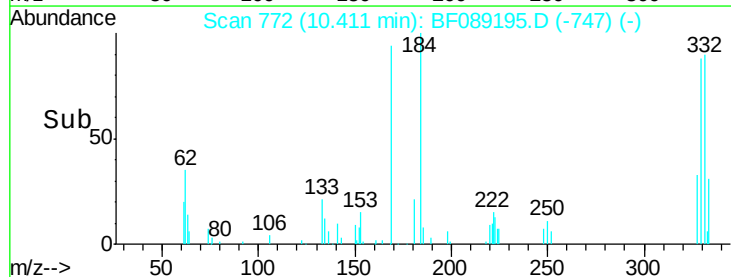
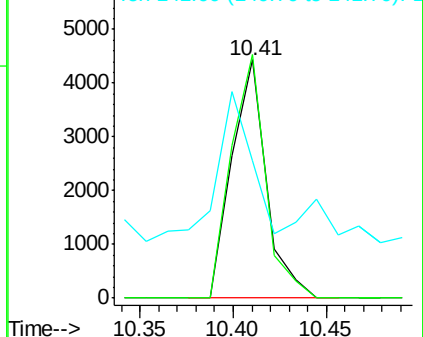


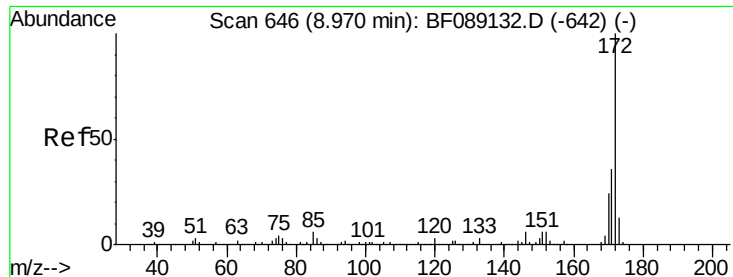
#41
2,4,6-Tribromophenol
Concen: 7.02 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089195.D
Acq: 22 Jul 2016 14:11

Tgt Ion:330 Resp: 5715
Ion Ratio Lower Upper
330 100
332 101.7 77.2 115.8
141 68.0 42.2 63.2#



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

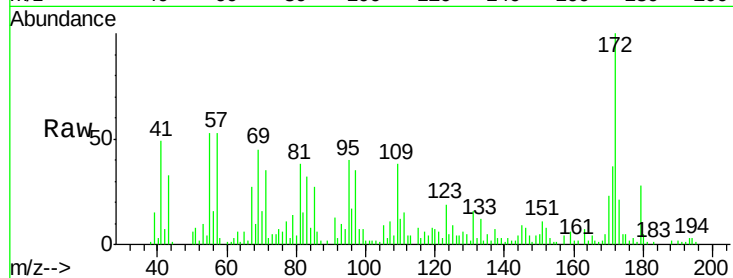




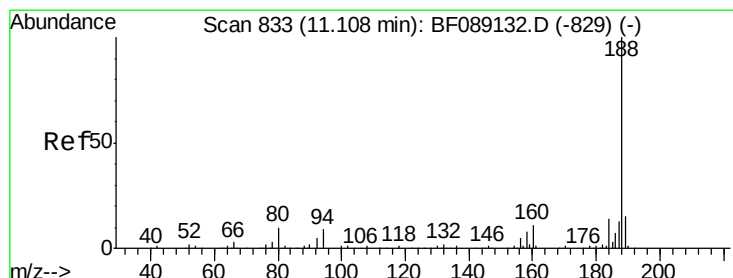
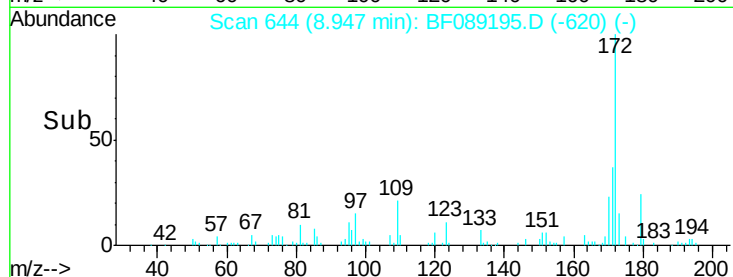
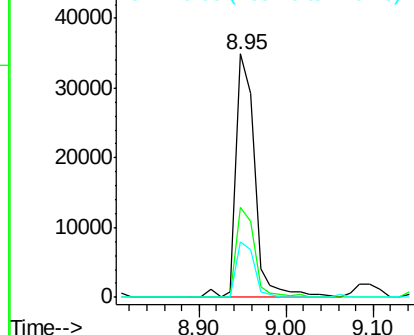
#44
2-Fluorobiphenyl
Concen: 7.91 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089195.D
Acq: 22 Jul 2016 14:11

Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0DL

Tgt Ion:172 Resp: 51912
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 23.0 19.1 28.7

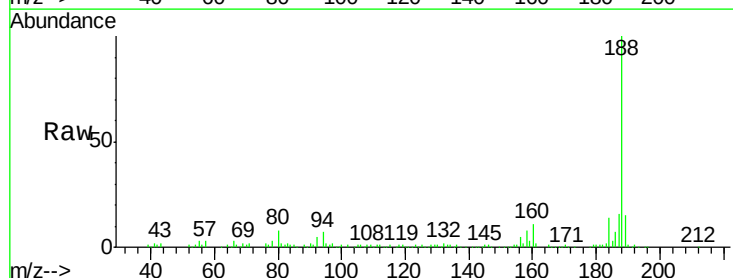


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

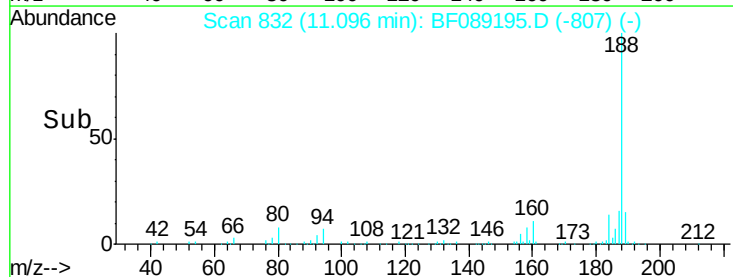
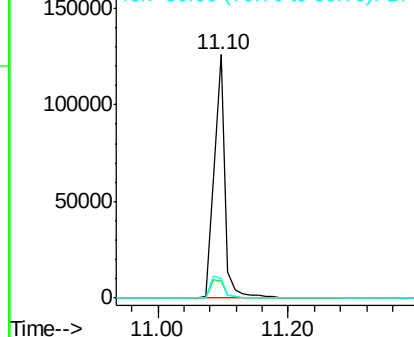


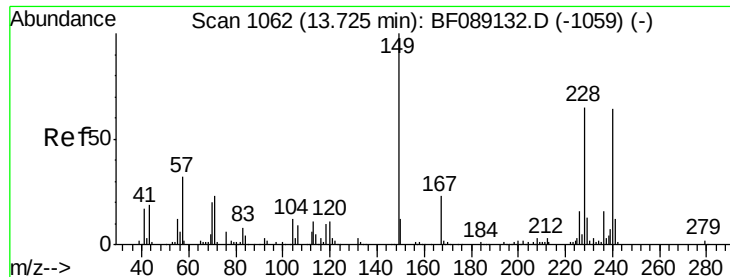
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089195.D
Acq: 22 Jul 2016 14:11

Tgt Ion:188 Resp: 148176
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.0 7.7 11.5



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089195.D

Acq: 22 Jul 2016 14:11

Instrument :

BNA_F

ClientSampleId :

KMW-01-5.0-7.0DL

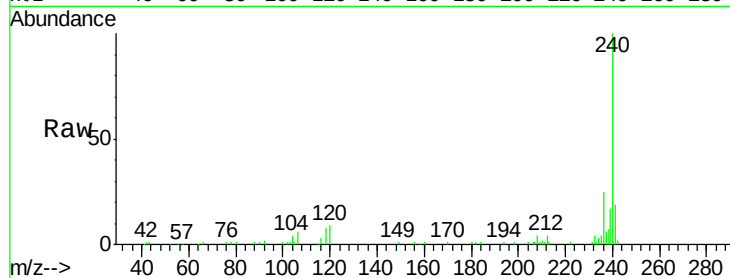
Tgt Ion:240 Resp: 89745

Ion Ratio Lower Upper

240 100

120 8.6 13.6 20.4#

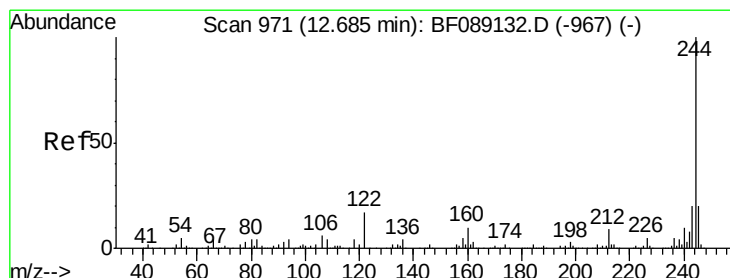
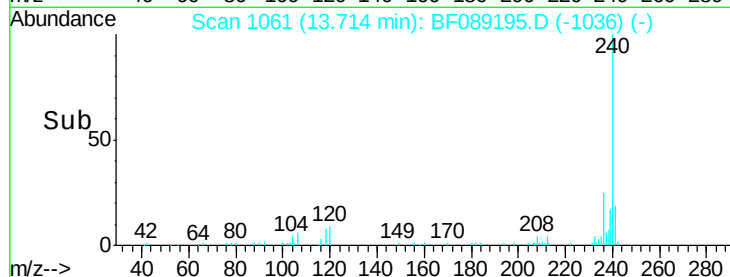
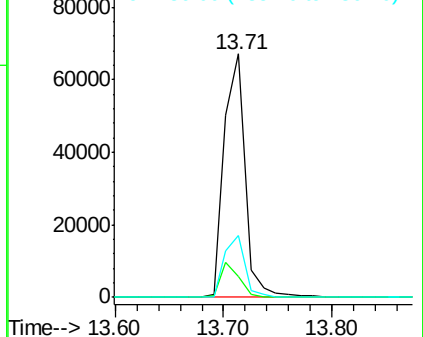
236 25.4 20.5 30.7



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: 7.52 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089195.D

Acq: 22 Jul 2016 14:11

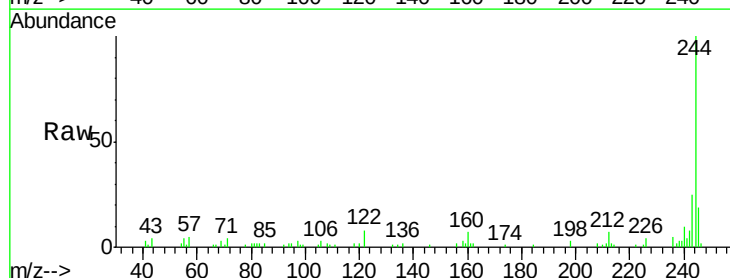
Tgt Ion:244 Resp: 31104

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

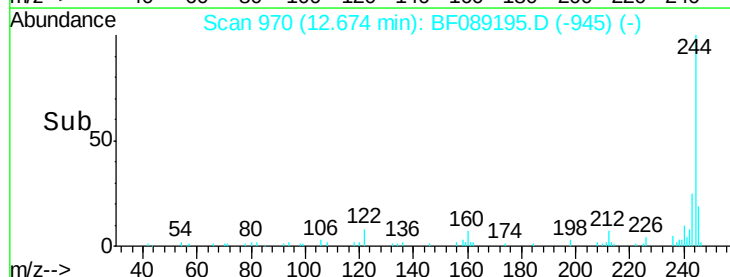
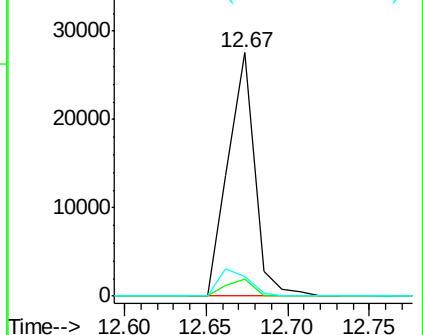
122 8.1 13.8 20.8#

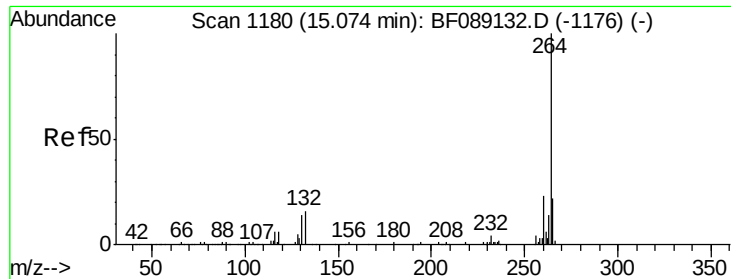


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089195.D
Acq: 22 Jul 2016 14:11

Instrument :
BNA_F
ClientSampleId :
KMW-01-5.0-7.0DL

Tgt Ion: 264 Resp: 99214
Ion Ratio Lower Upper
264 100
260 24.8 18.5 27.7
265 21.6 17.3 25.9

