

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091761.D
 Acq On : 19 Dec 2016 3:30
 Operator : UM/SJ
 Sample : H6110-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP7

Quant Time: Dec 19 04:12:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	264088	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1130019	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	550001	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	944587	20.00	ng	0.00
75) Chrysene-d12	13.92	240	707354	20.00	ng	-0.01
86) Perylene-d12	15.32	264	524370	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1806570	114.61	ng	0.02
7) Phenol-d6	6.42	99	2137373	111.18	ng	0.00
23) Nitrobenzene-d5	7.33	82	1481915	75.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	568595	121.92	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2564117	93.66	ng	-0.01
78) Terphenyl-d14	12.88	244	2244448	80.12	ng	0.00

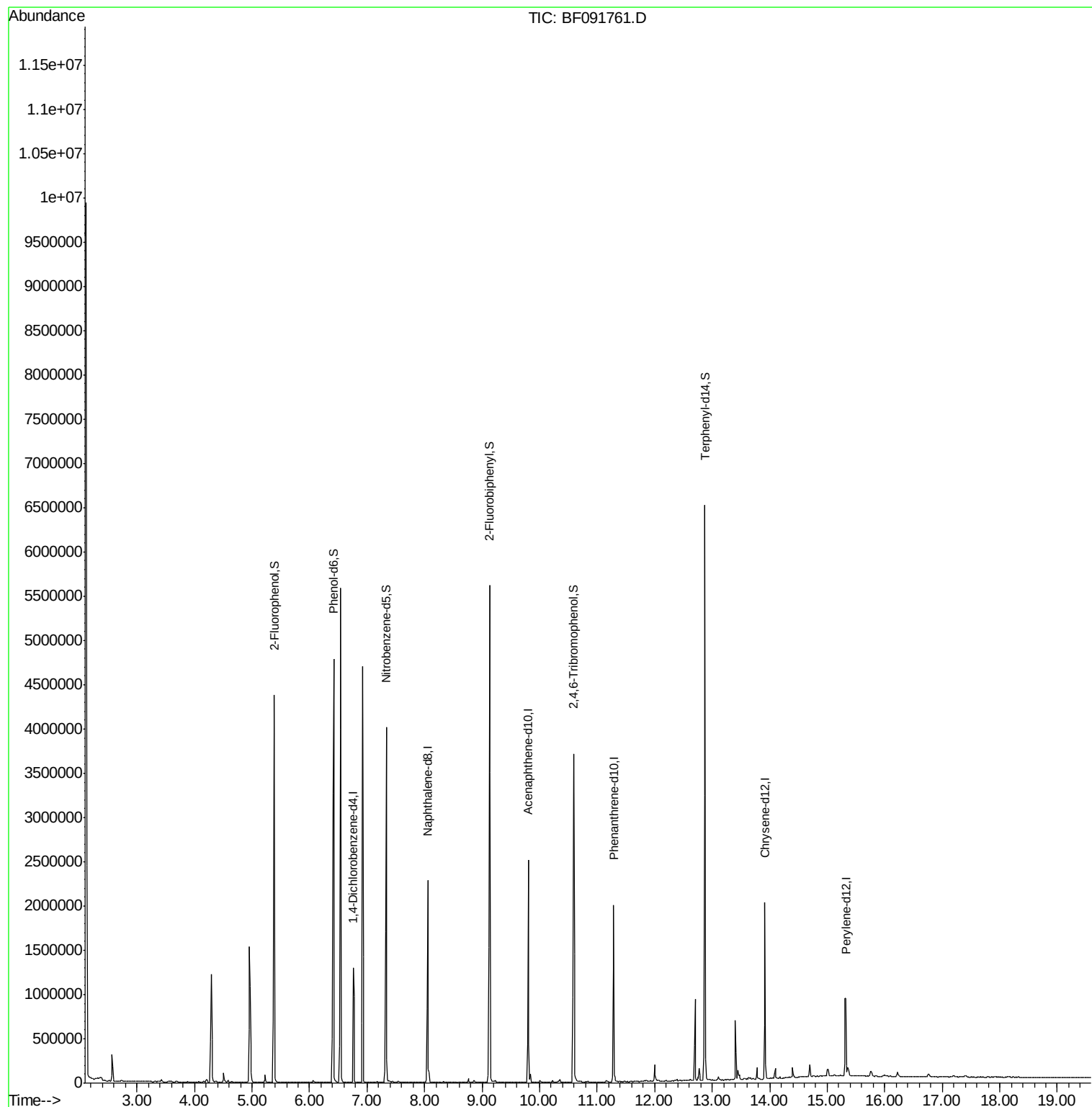
Target Compounds Qvalue

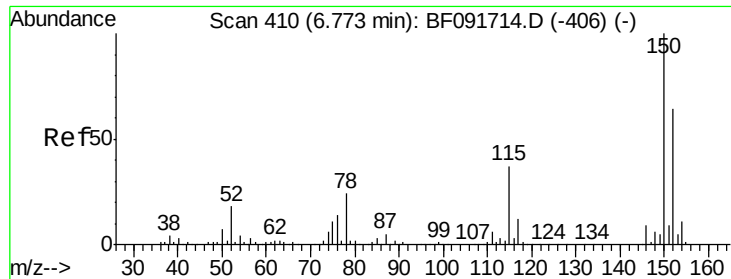
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091761.D

Acq: 19 Dec 2016 3:30

Instrument :

BNA_F

ClientSampleId :

TP10-COMP7

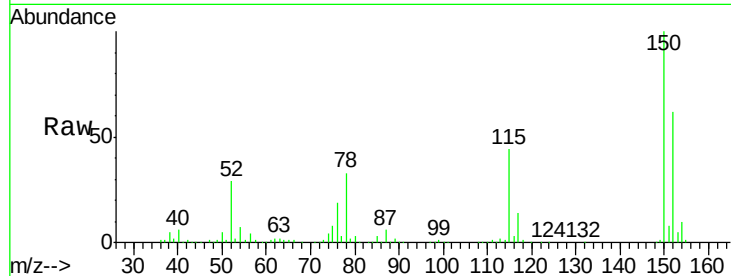
Tot Ion:152 Resp: 264088

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

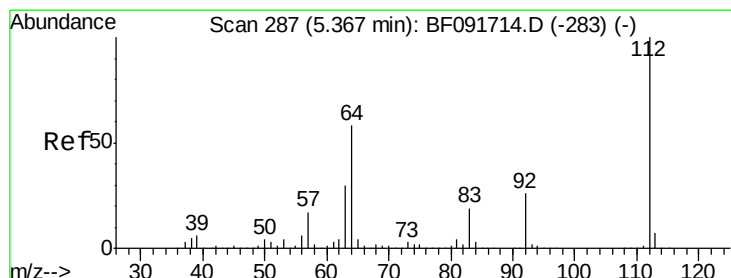
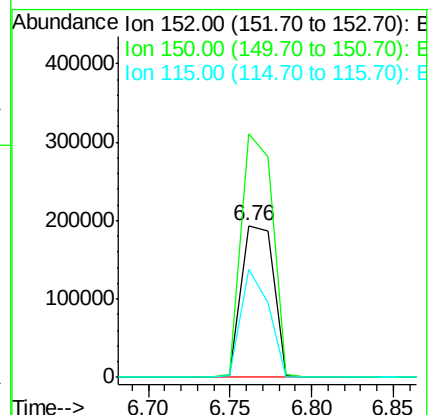
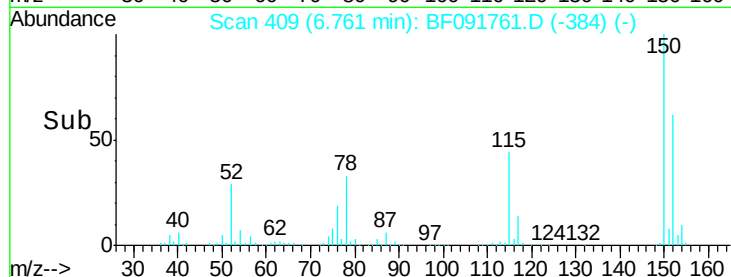
115 71.0 46.0 69.0#



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: 114.61 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF091761.D

Acq: 19 Dec 2016 3:30

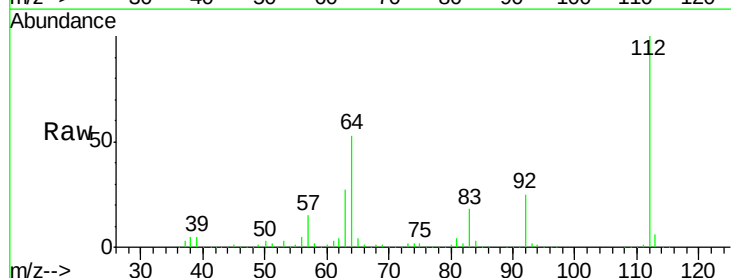
Tgt Ion:112 Resp: 1806570

Ion Ratio Lower Upper

112 100

64 52.8 46.1 69.1

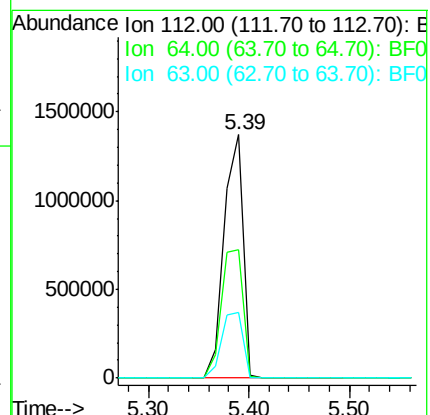
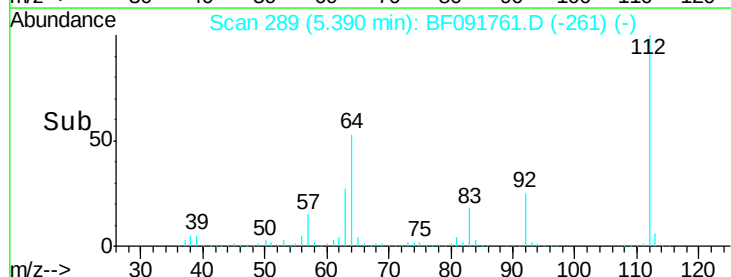
63 27.1 23.8 35.6

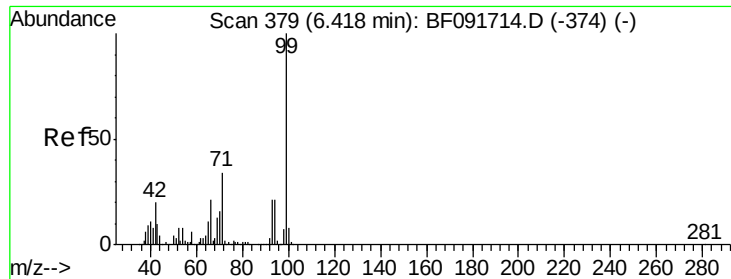


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.18 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091761.D

Acq: 19 Dec 2016 3:30

Instrument :

BNA_F

ClientSampleId :

TP10-COMP7

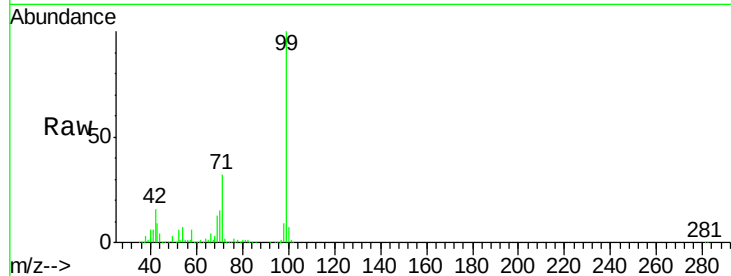
Tot Ion: 99 Resp: 2137373

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

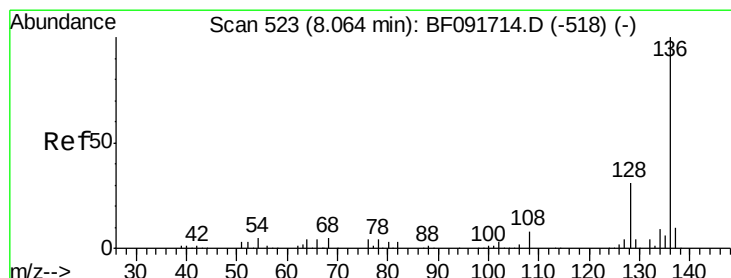
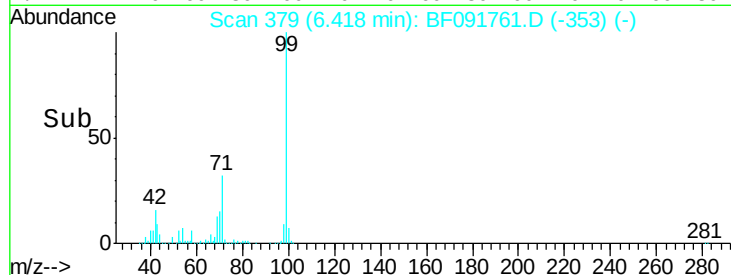
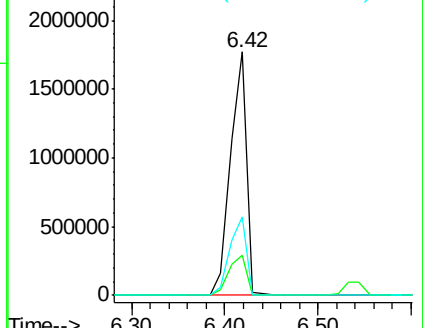
71 32.3 27.5 41.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091761.D

Acq: 19 Dec 2016 3:30

Tgt Ion: 136 Resp: 1130019

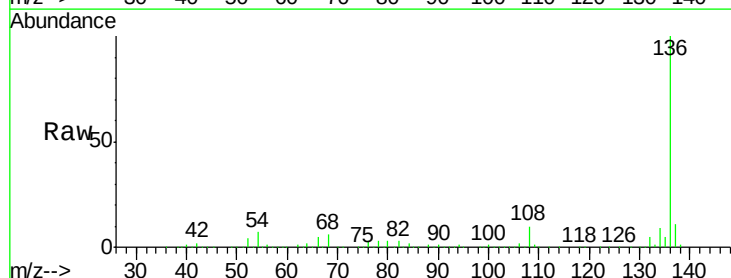
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 6.8 4.5 6.7#

68 5.6 3.6 5.4#

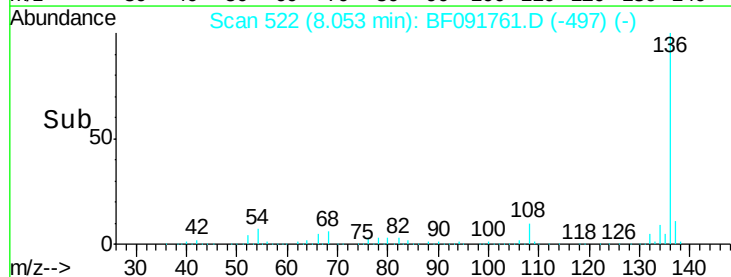
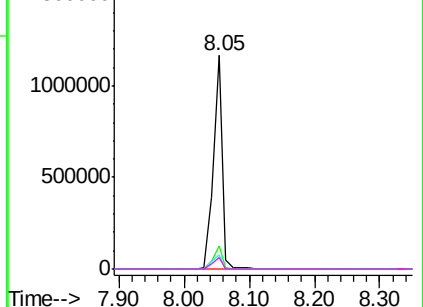


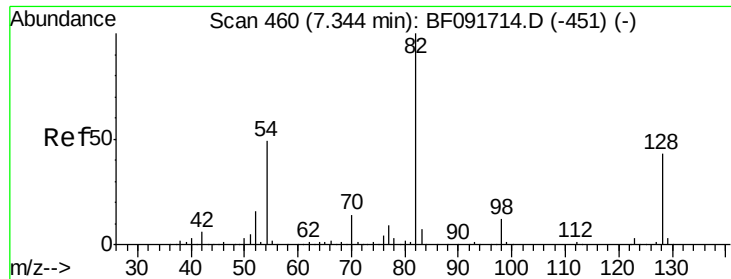
Abundance Ion 136.00 (135.70 to 136.70): E

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



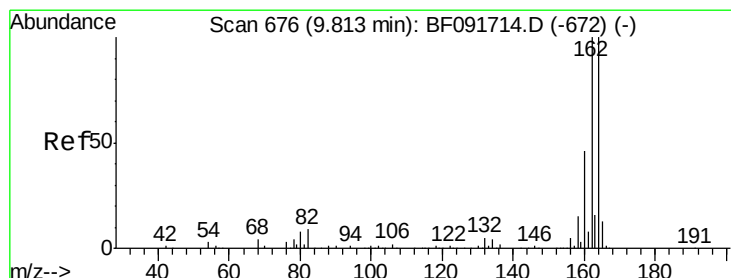
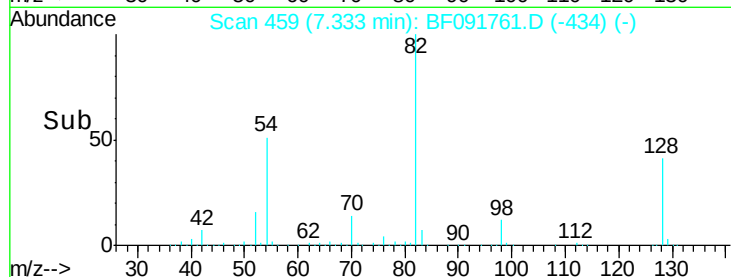
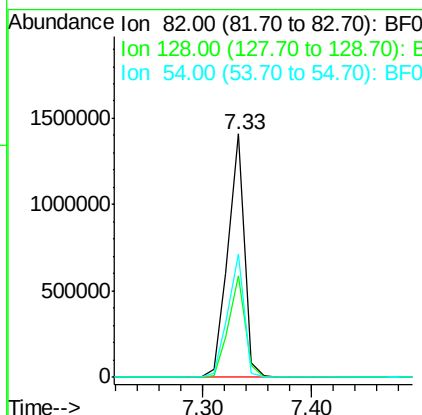
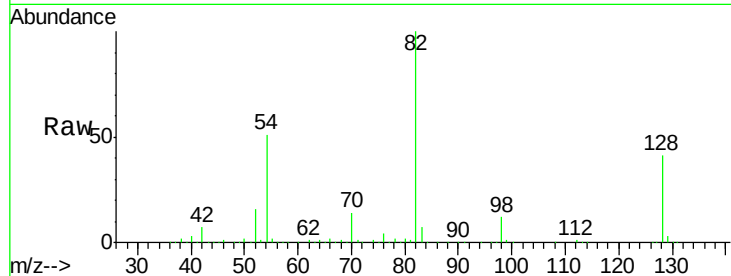


#23
 Nitrobenzene-d5
 Concen: 75.63 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP7

Tot Ion: 82 Resp: 1481915

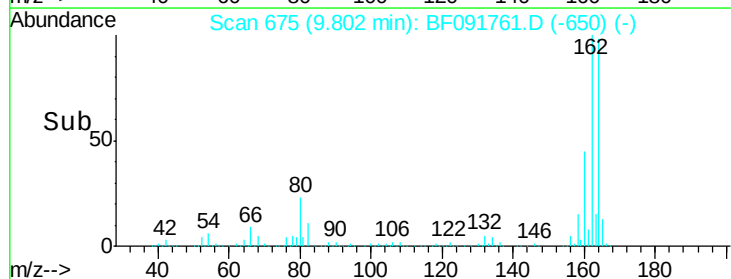
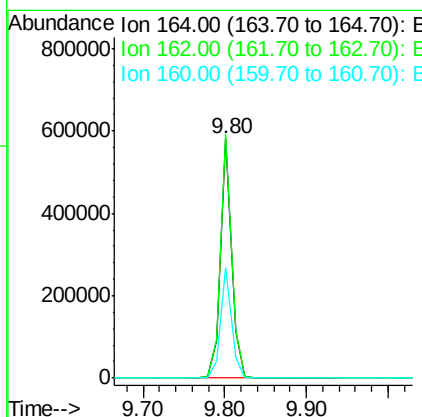
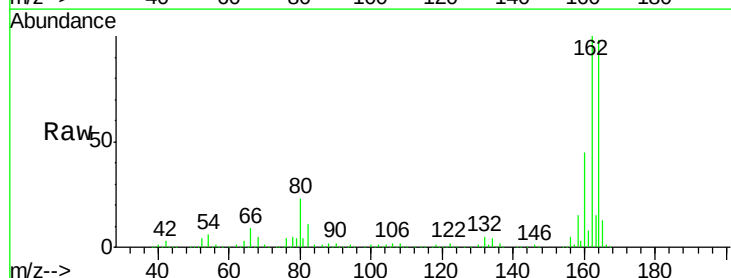
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	50.8	39.5	59.3

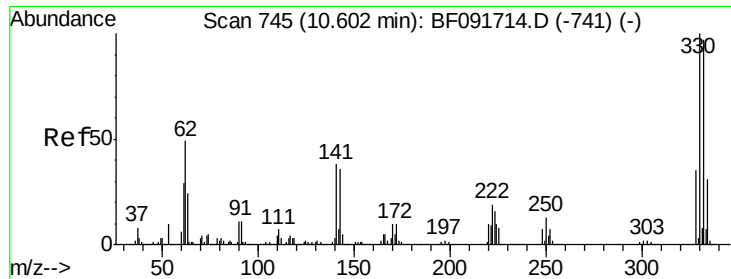


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

Tgt Ion: 164 Resp: 550001

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	46.2	36.9	55.3

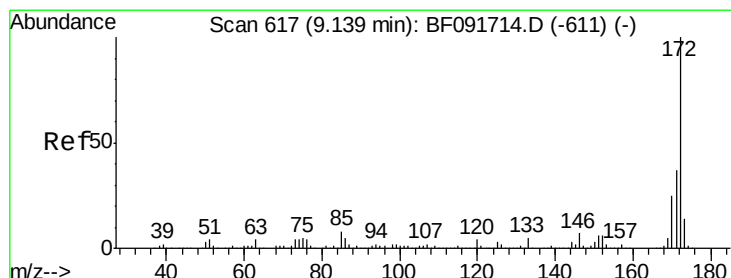
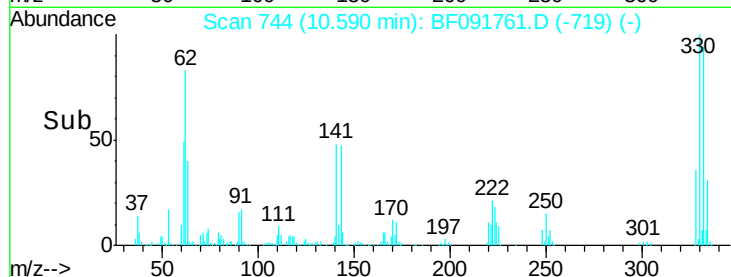
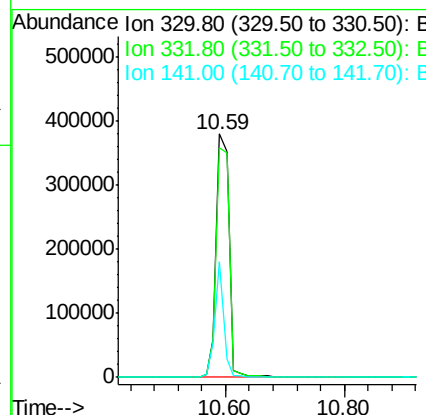
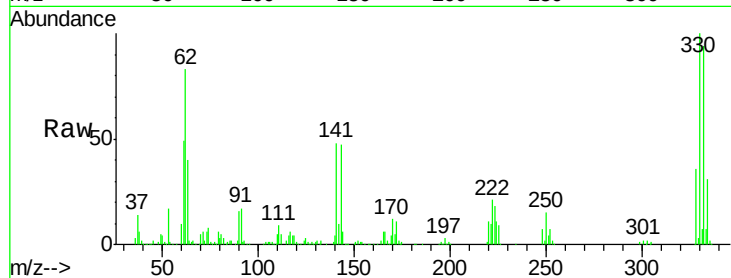




#41
 2,4,6-Tribromophenol
 Concen: 121.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

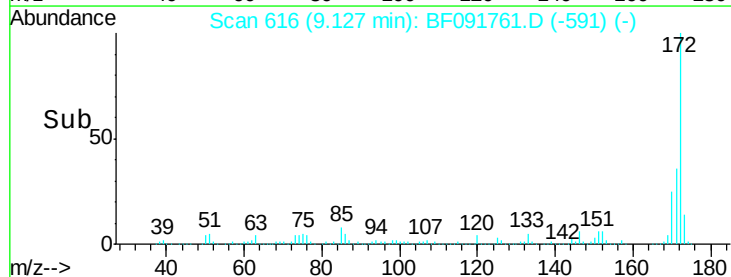
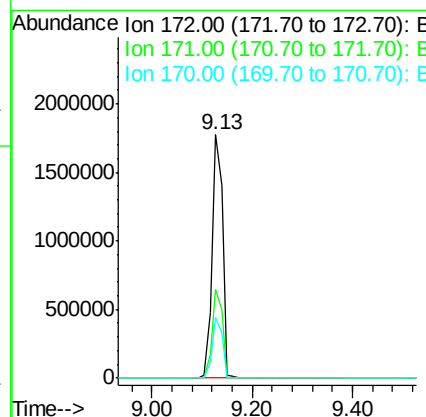
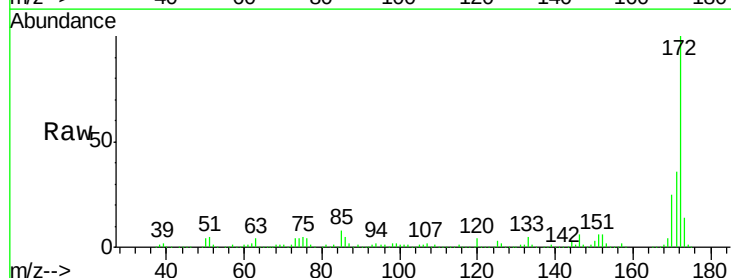
Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP7

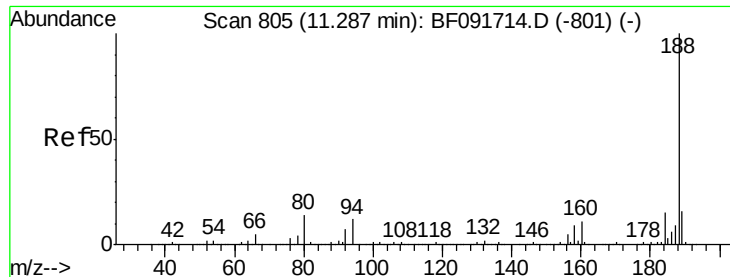
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	33.8	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 93.66 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	20.2	30.4

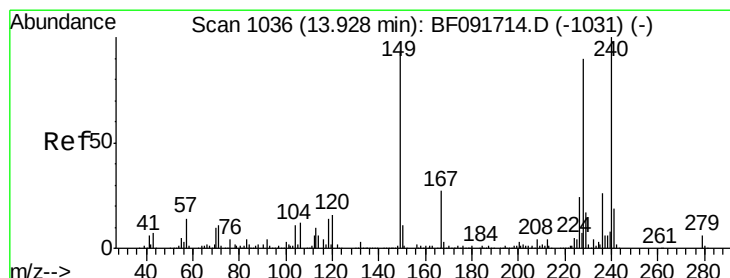
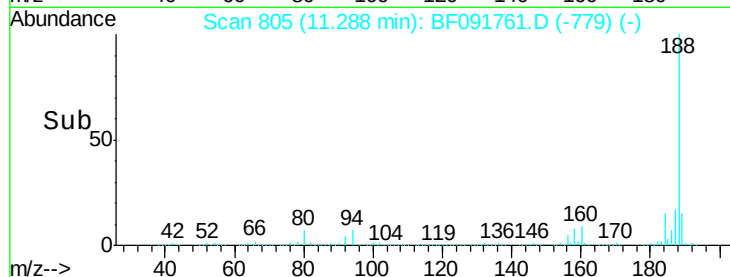
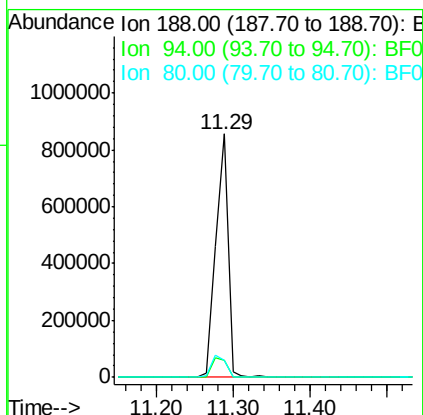
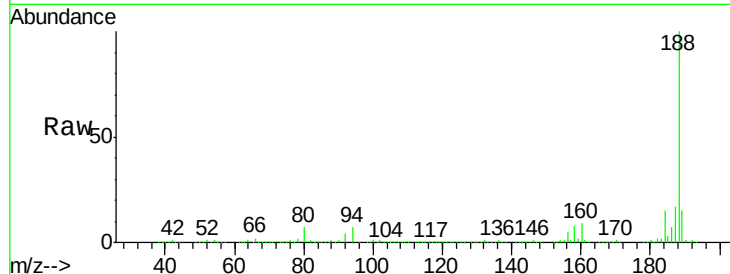




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091761.D
Acq: 19 Dec 2016 3:30

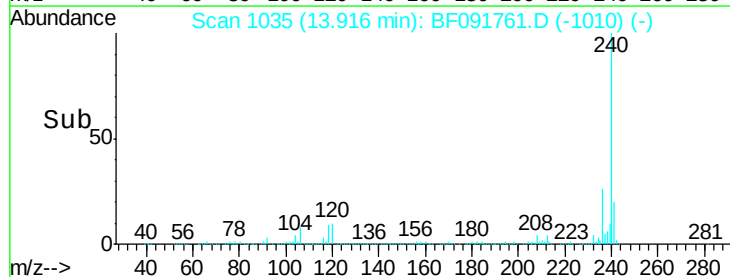
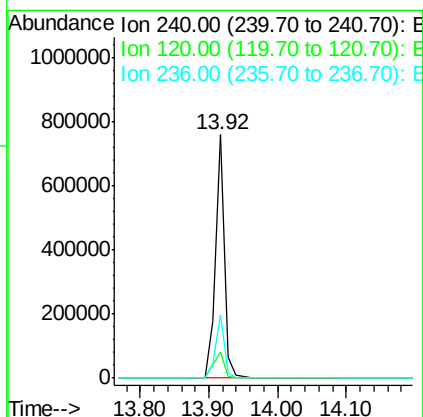
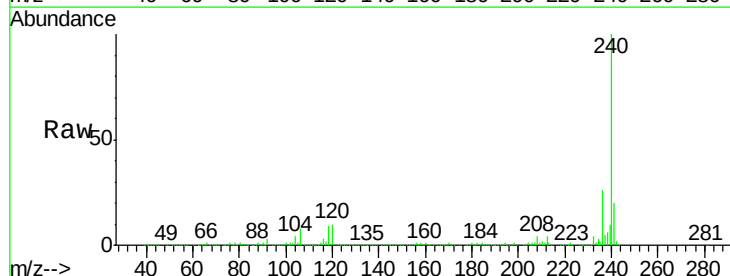
Instrument :
BNA_F
ClientSampleId :
TP10-COMP7

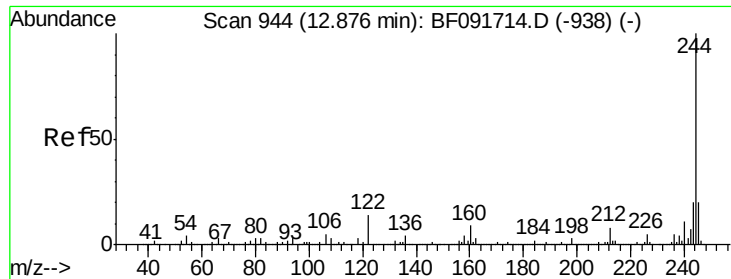
Tot Ion:188 Resp: 944587
Ion Ratio Lower Upper
188 100
94 7.1 10.0 15.0#
80 6.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091761.D
Acq: 19 Dec 2016 3:30

Tgt Ion:240 Resp: 707354
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 26.0 20.9 31.3

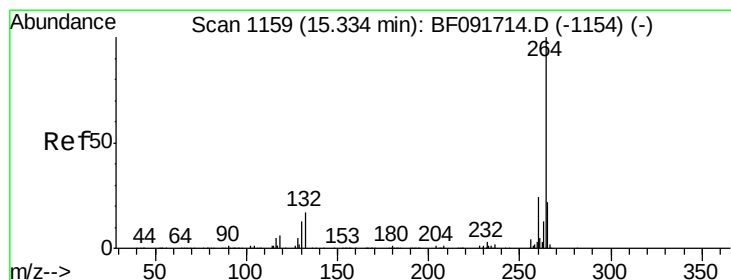
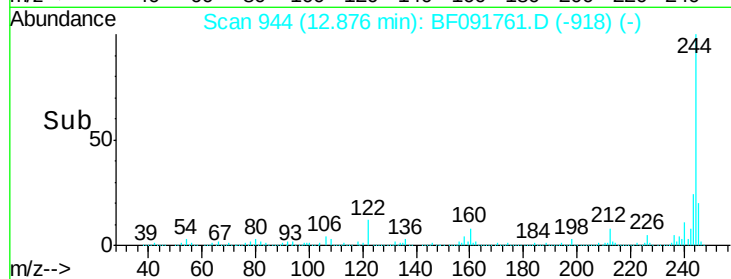
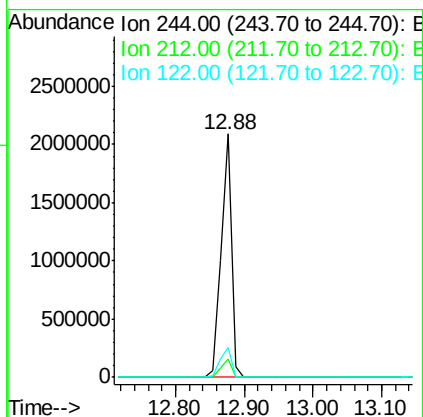
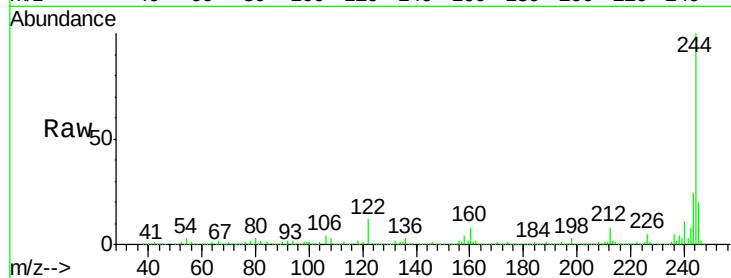




#78
 Terphenyl-d14
 Concen: 80.12 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

Instrument :
 BNA_F
 ClientSampleId :
 TP10-COMP7

Tot Ion:244 Resp: 2244448
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091761.D
 Acq: 19 Dec 2016 3:30

Tgt Ion:264 Resp: 524370
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.4 26.0

