

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091725.D
 Acq On : 18 Dec 2016 2:07
 Operator : UM/SJ
 Sample : PB95429BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Quant Time: Dec 18 03:29:42 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	286800	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1222591	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	616876	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1147627	20.00	ng	0.00
75) Chrysene-d12	13.92	240	996870	20.00	ng	-0.01
86) Perylene-d12	15.32	264	931279	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2249336	131.40	ng	0.01
7) Phenol-d6	6.42	99	3029584	145.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	1834424	86.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	756269	144.58	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	3087880	100.56	ng	-0.01
78) Terphenyl-d14	12.88	244	3045965	77.15	ng	0.00

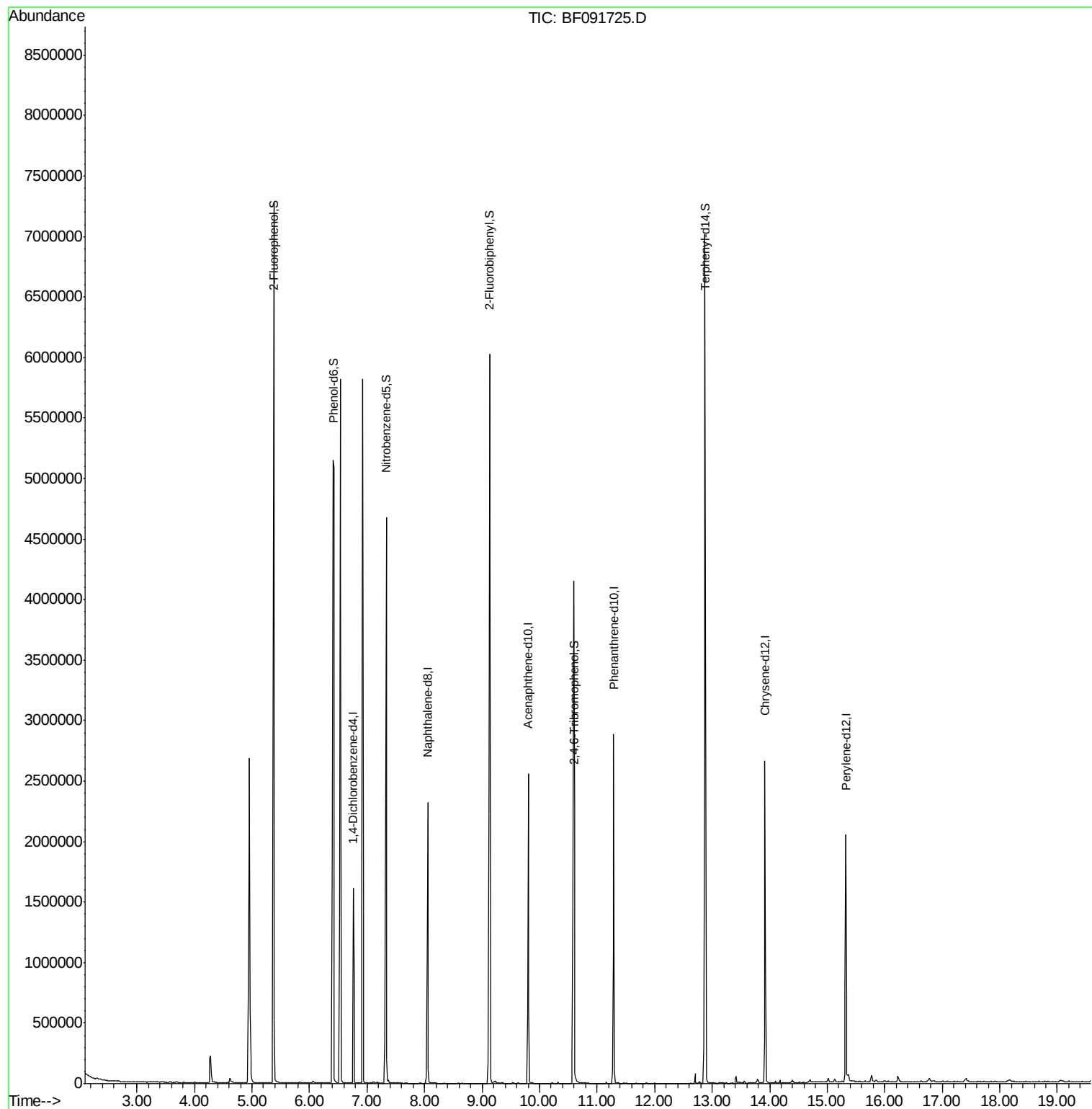
Target Compounds Qvalue

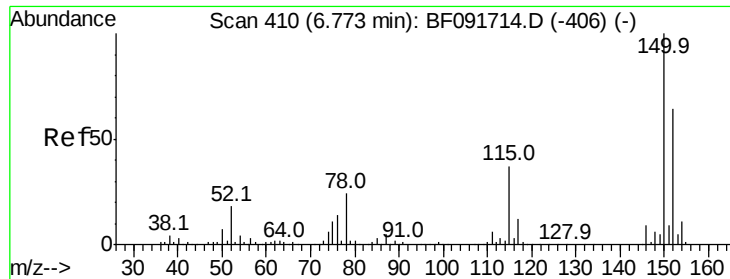
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampled :

PB95429BL

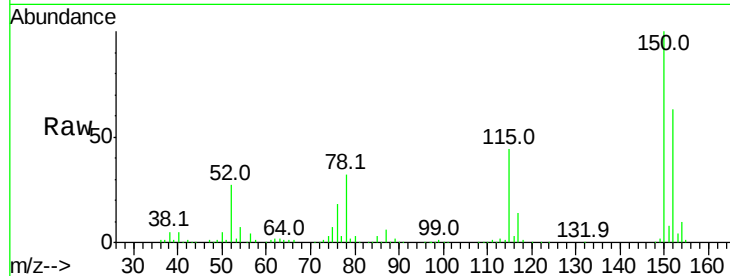
Tot Ion:152 Resp: 286800

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

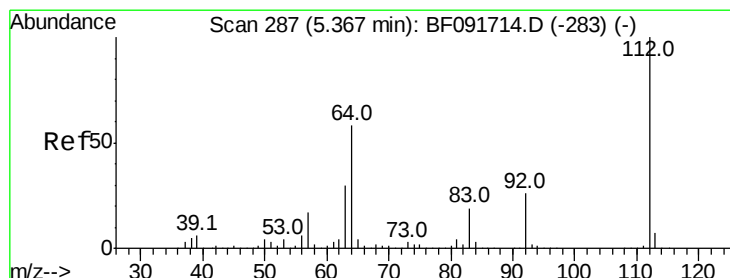
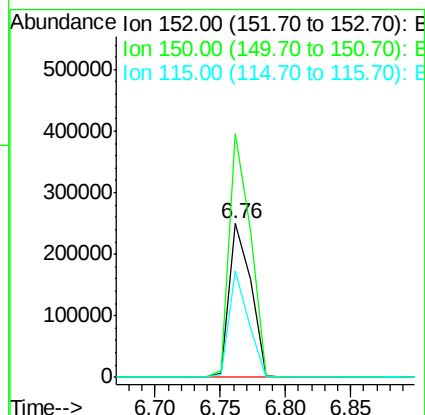
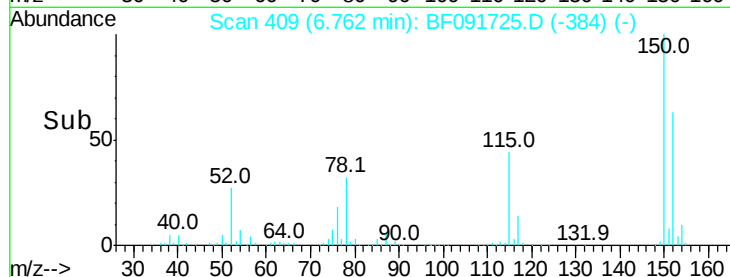
115 69.1 46.0 69.0#



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: 131.40 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

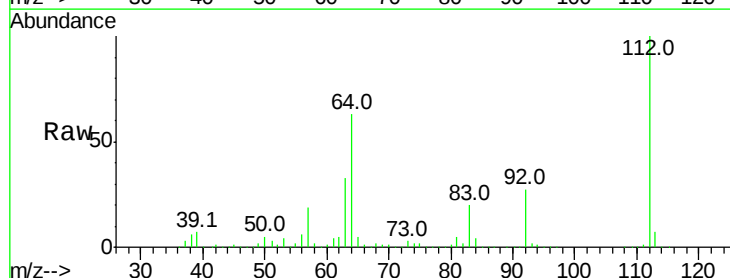
Tgt Ion:112 Resp: 2249336

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

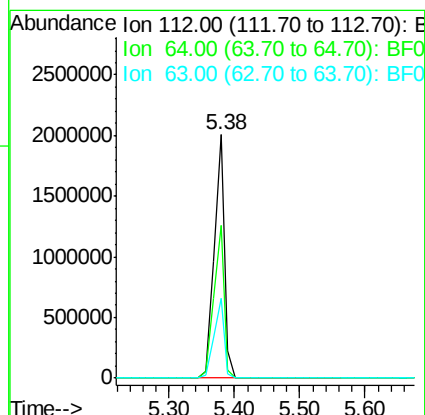
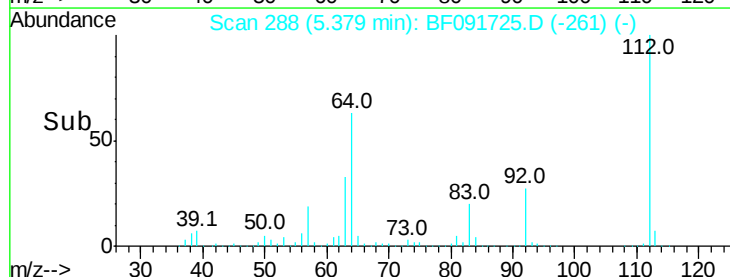
63 32.8 23.8 35.6

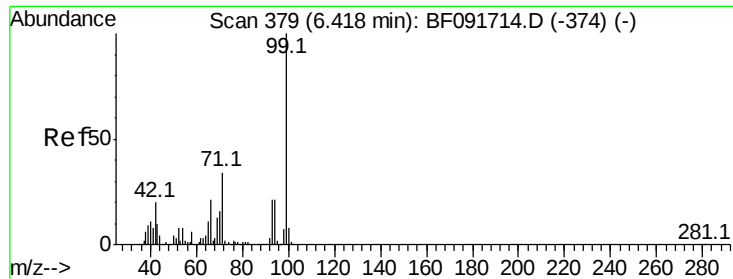


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.11 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

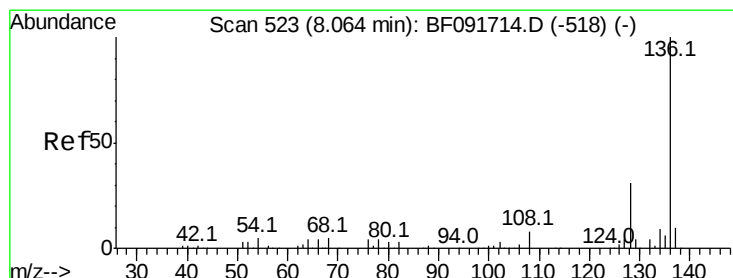
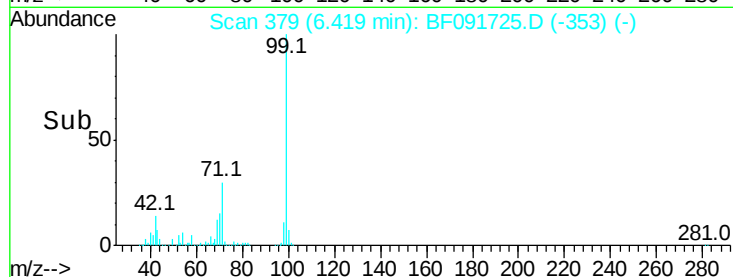
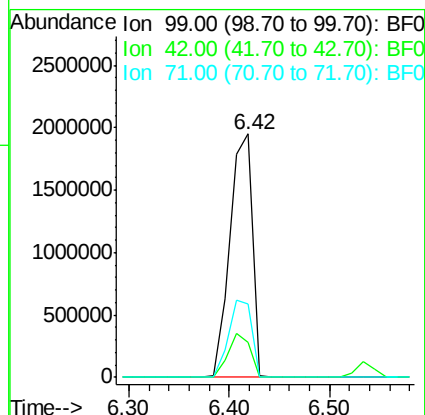
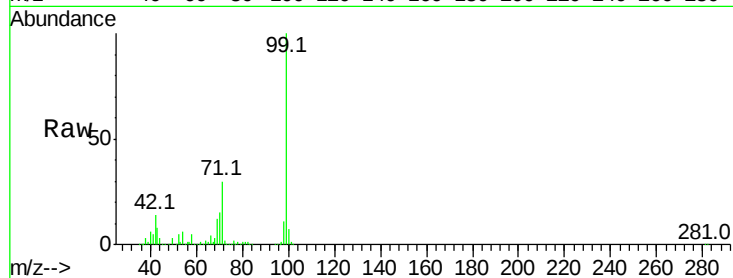
BNA_F

ClientSampleId :

PB95429BL

Tot Ion: 99 Resp: 3029584

Ion	Ratio	Lower	Upper
99	100		
42	14.4	15.6	23.4#
71	30.2	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

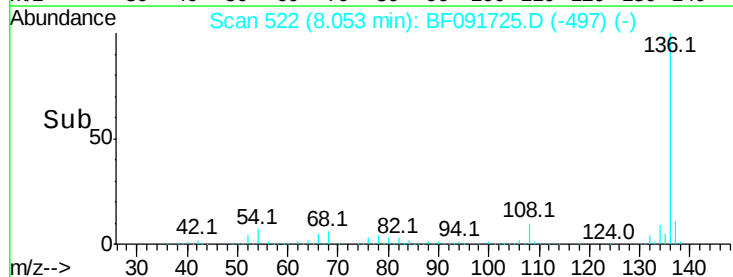
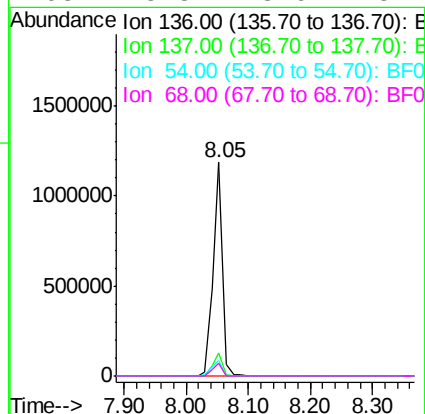
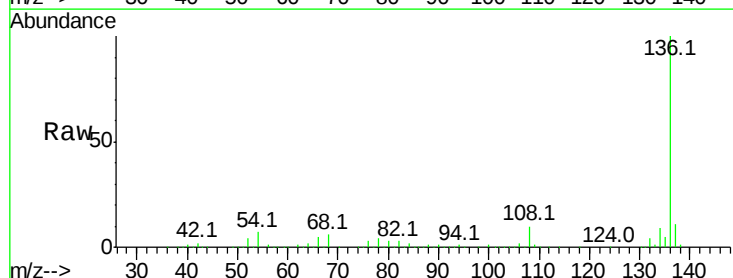
Delta R.T. -0.01 min

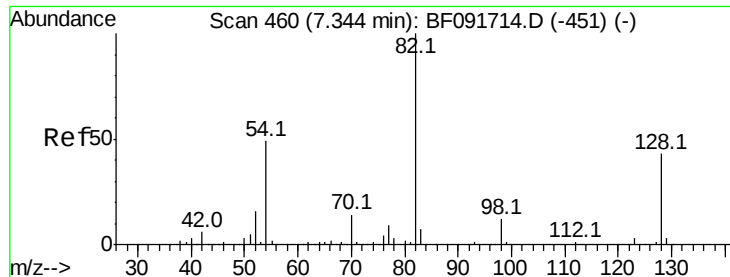
Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Tgt Ion: 136 Resp: 1222591

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.2	4.5	6.7#
68	5.8	3.6	5.4#



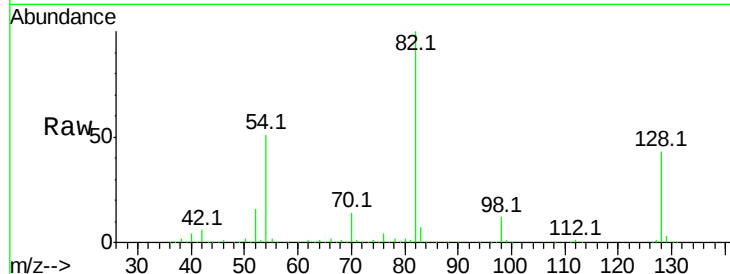


#23
 Nitrobenzene-d5
 Concen: 86.53 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

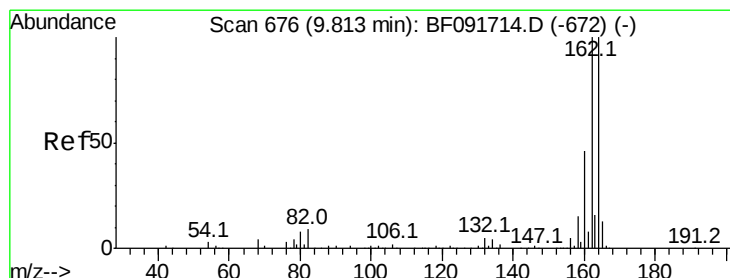
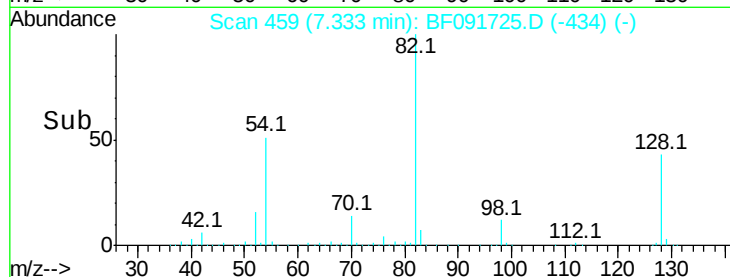
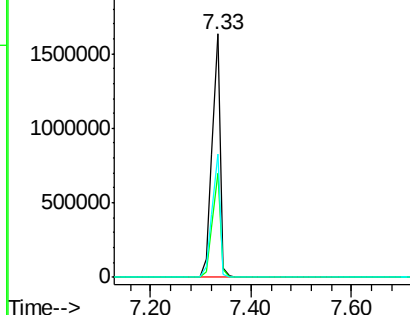
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Tot Ion: 82 Resp: 1834424

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	50.7	39.5	59.3



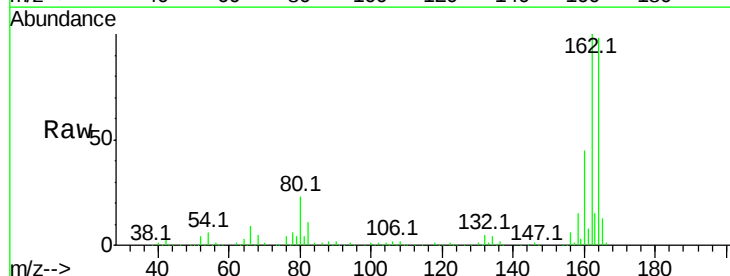
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



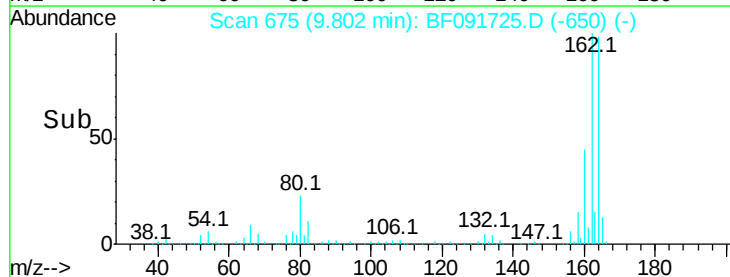
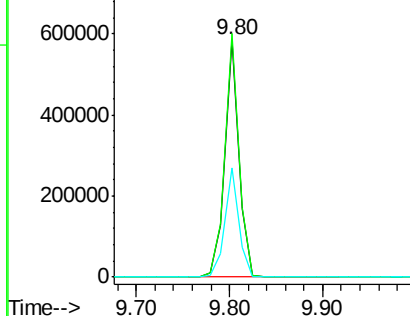
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

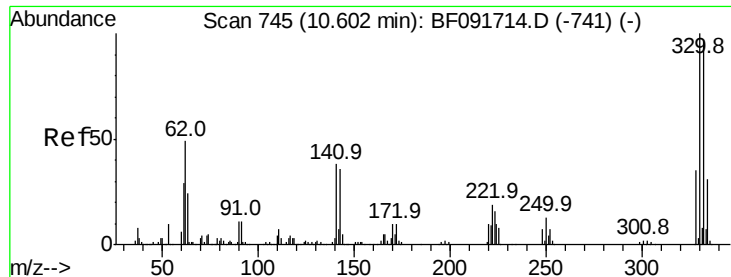
Tgt Ion:164 Resp: 616876

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	45.9	36.9	55.3



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

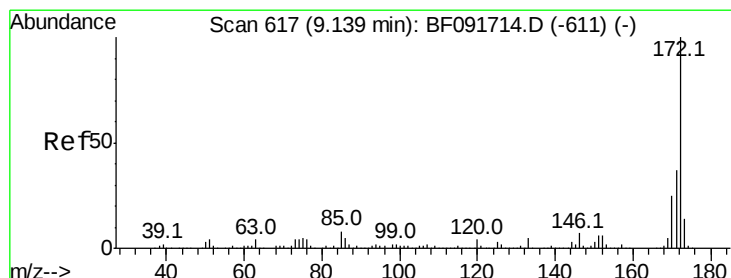
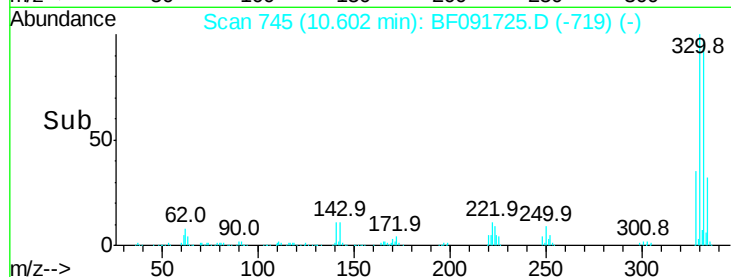
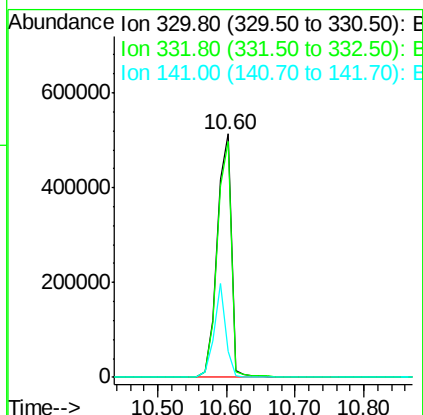
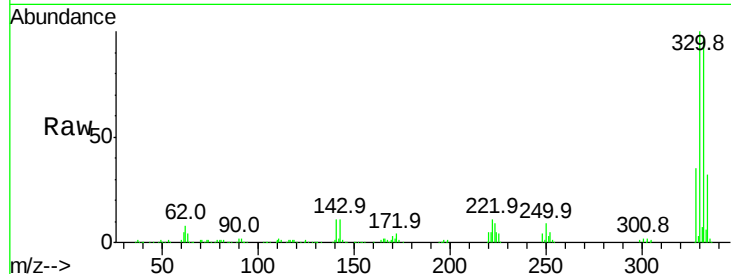




#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

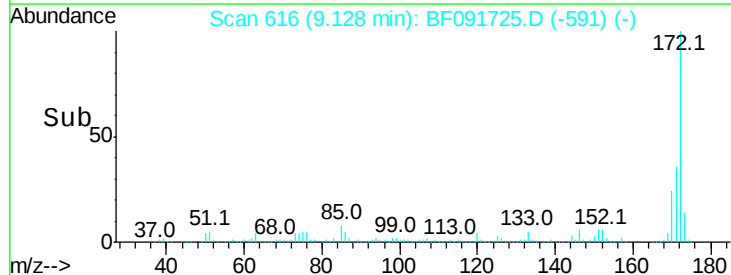
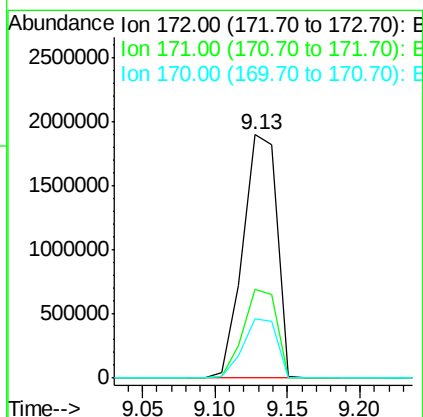
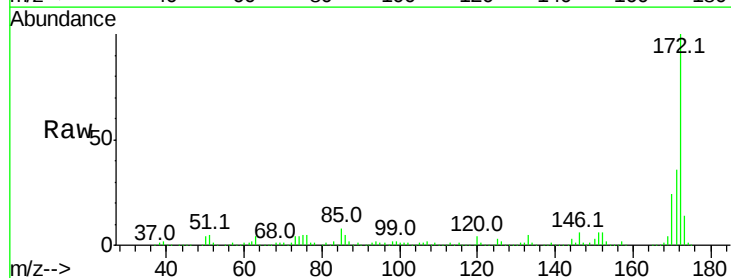
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

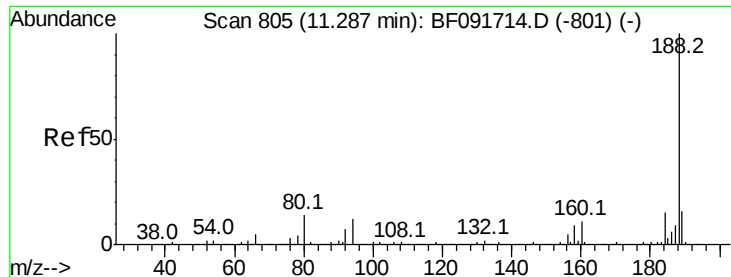
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	32.3	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4

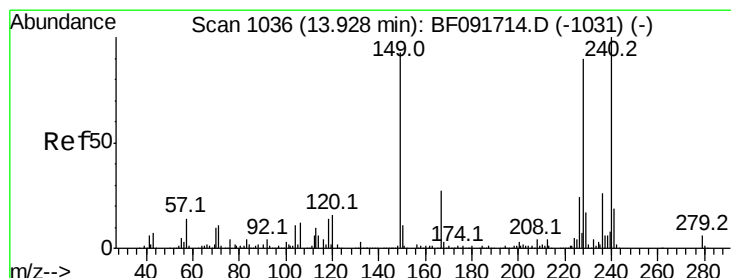
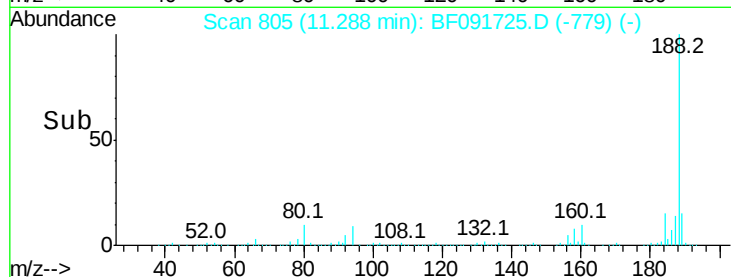
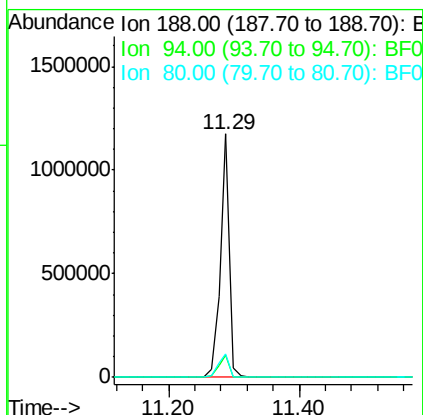
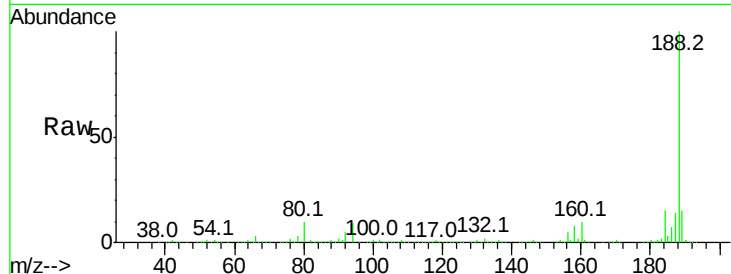




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

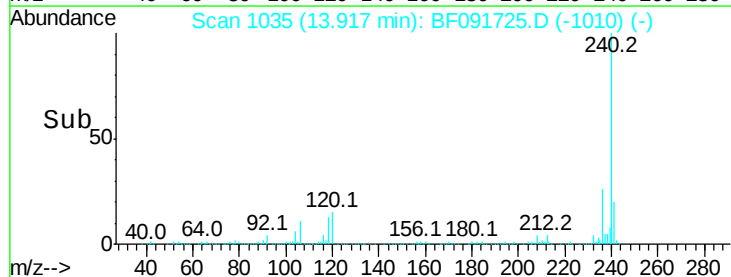
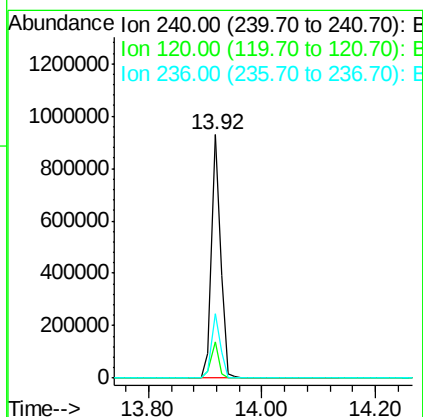
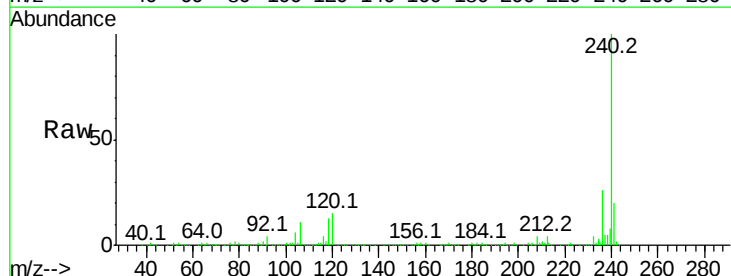
Instrument :
BNA_F
ClientSampleId :
PB95429BL

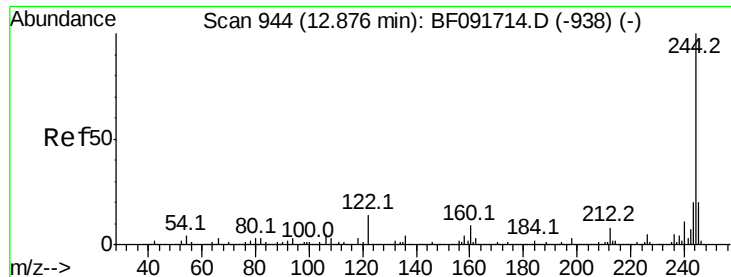
Tot Ion:188 Resp: 1147627
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion:240 Resp: 996870
Ion Ratio Lower Upper
240 100
120 14.9 12.9 19.3
236 26.2 20.9 31.3

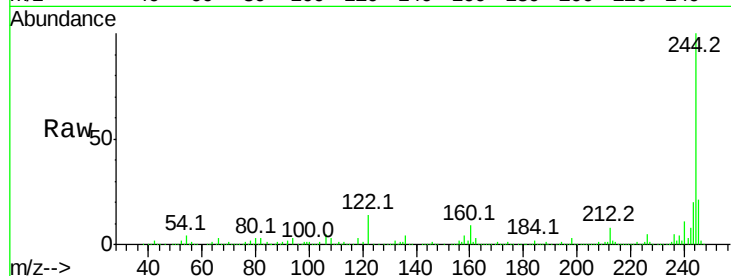




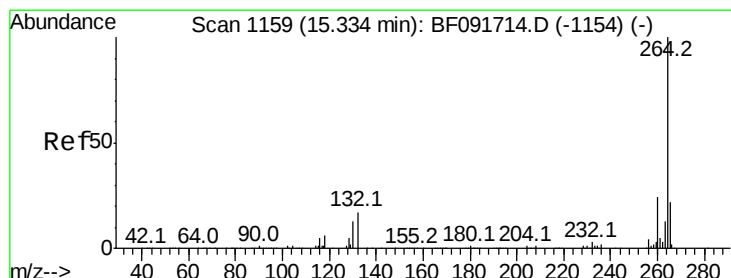
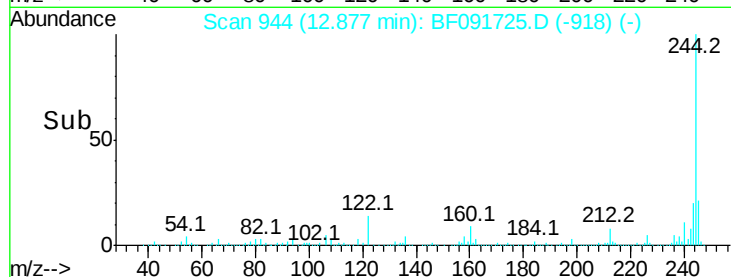
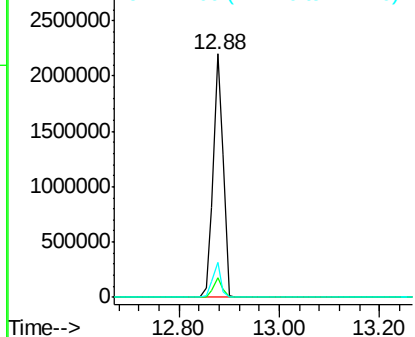
#78
 Terphenyl-d14
 Concen: 77.15 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Tot Ion:244 Resp: 3045965
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.3 11.4 17.2

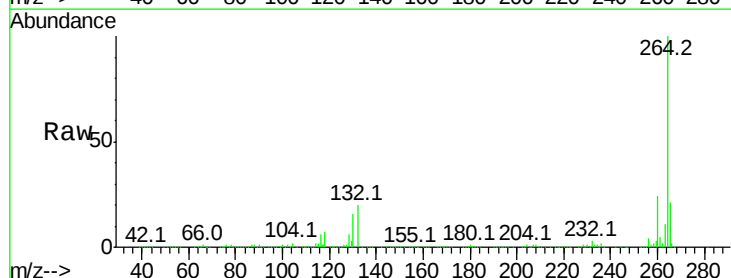


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:264 Resp: 931279
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

