

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091446.D
 Acq On : 6 Dec 2016 6:02
 Operator : UM/SJ
 Sample : H5836-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2

Quant Time: Dec 06 06:57:54 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	118708	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	454251	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	284321	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	421864	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	304091	20.00	ng	0.00
86) Perylene-d12	15.43	264	240214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	969784	133.46	ng	0.02
7) Phenol-d6	6.49	99	1317350	147.27	ng	0.01
23) Nitrobenzene-d5	7.42	82	926265	114.27	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	377360	140.19	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1573875	100.23	ng	0.00
78) Terphenyl-d14	12.96	244	1684208	120.38	ng	0.00

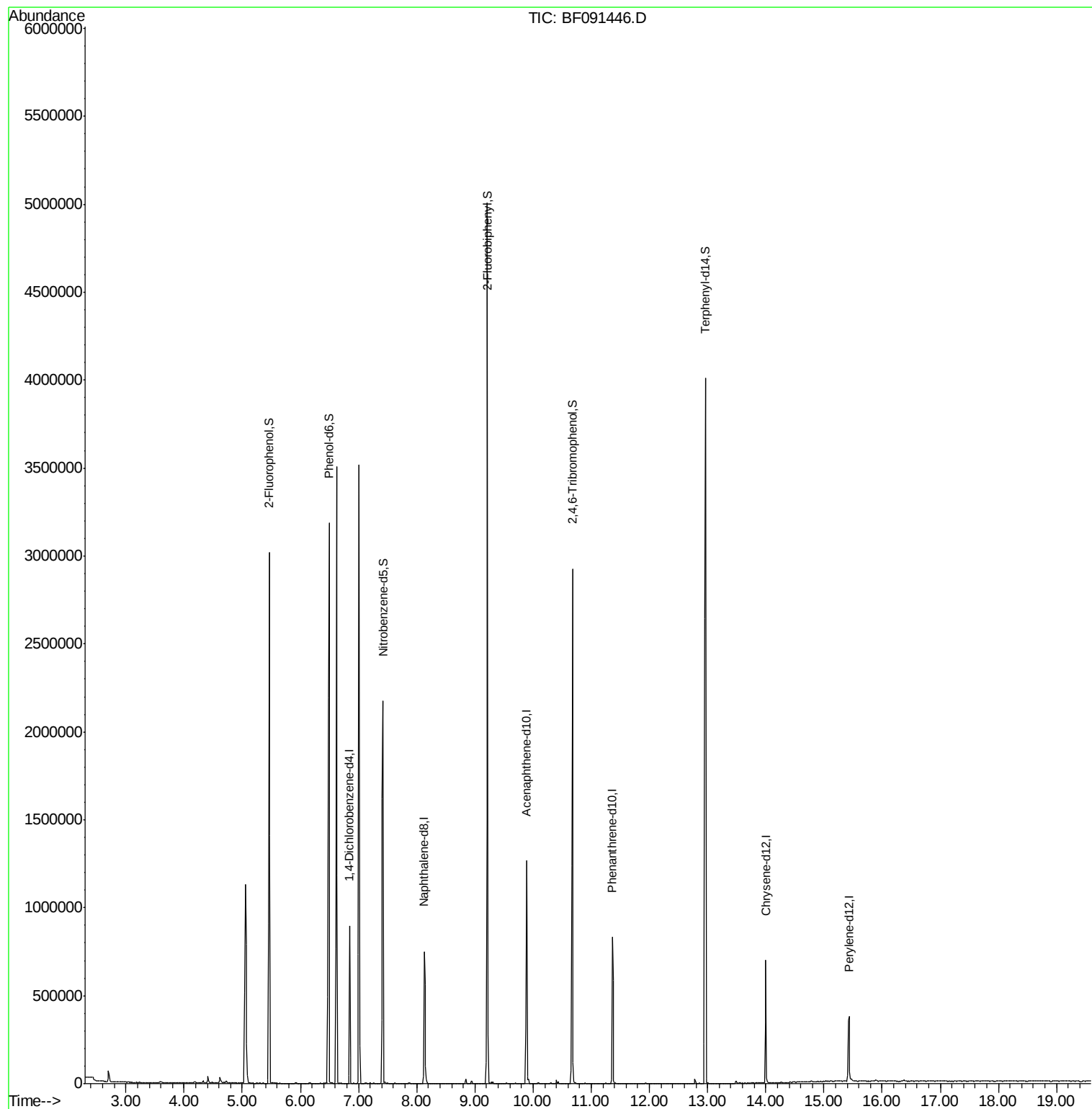
Target Compounds Qvalue

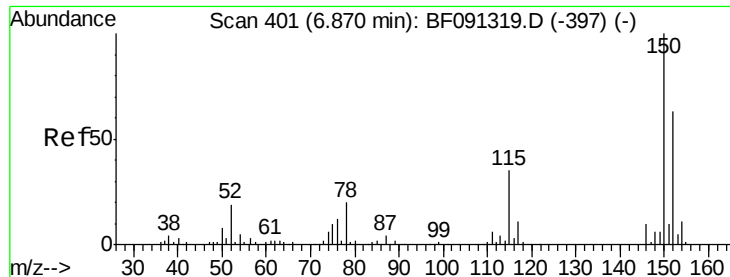
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091446.D

Acq: 6 Dec 2016 6:02

Instrument :

BNA_F

ClientSampleId :

TP14-15-COMP2

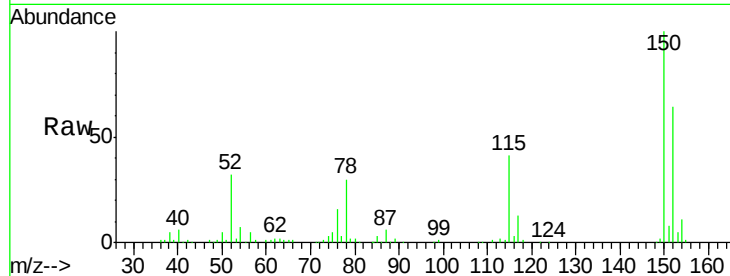
Tot Ion:152 Resp: 118708

Ion Ratio Lower Upper

152 100

150 156.5 122.5 183.7

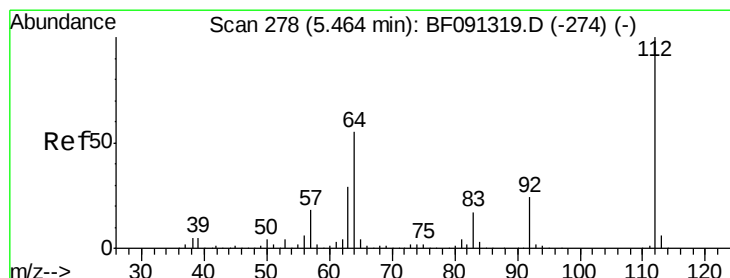
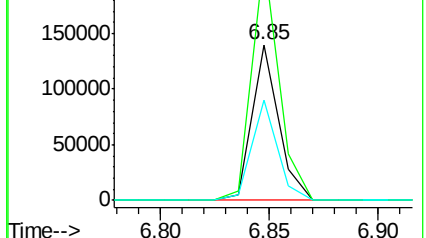
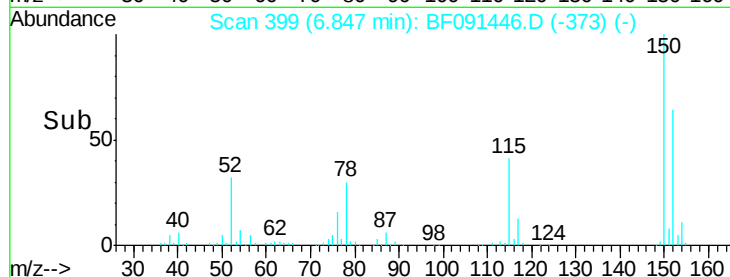
115 64.9 51.8 77.8



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: 133.46 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.02 min

Lab File: BF091446.D

Acq: 6 Dec 2016 6:02

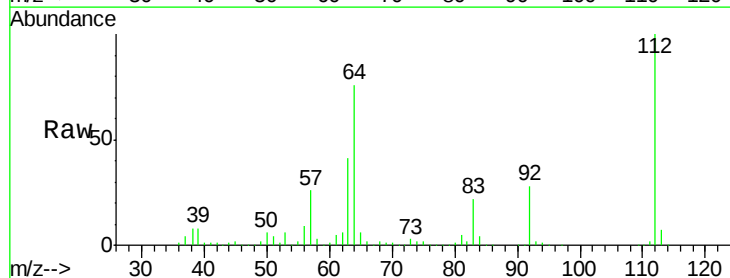
Tgt Ion:112 Resp: 969784

Ion Ratio Lower Upper

112 100

64 75.6 61.5 92.3

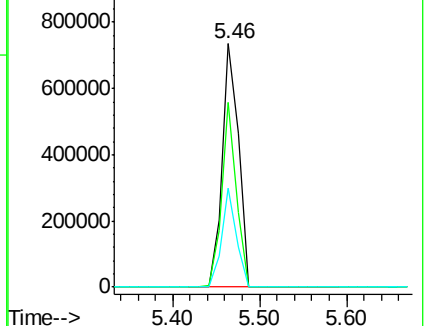
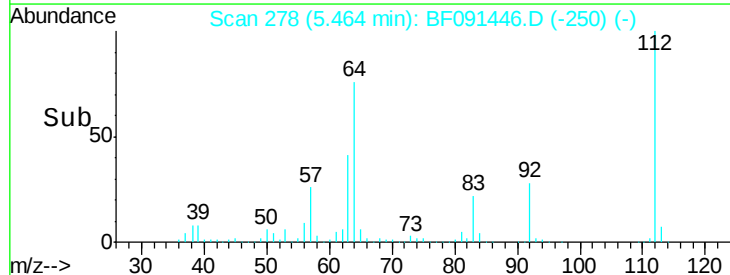
63 40.8 33.3 49.9

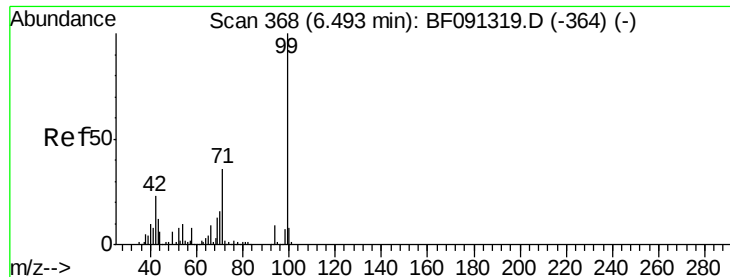


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.27 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF091446.D

Acq: 6 Dec 2016 6:02

Instrument :

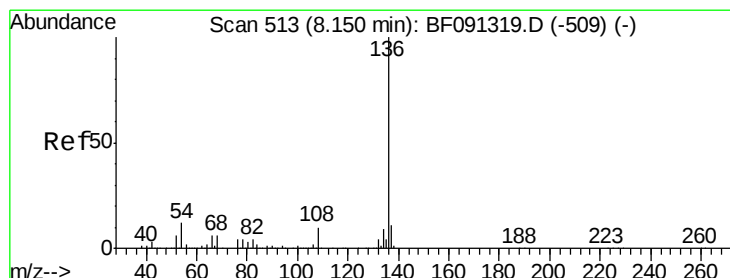
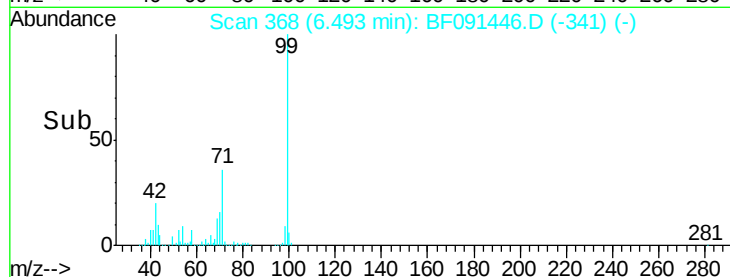
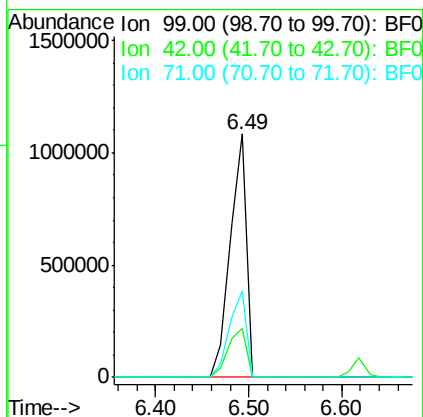
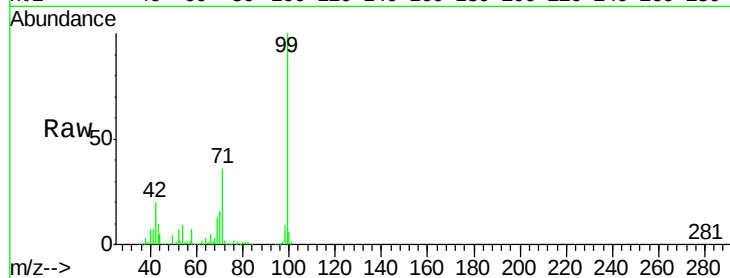
BNA_F

ClientSampleId :

TP14-15-COMP2

Tot Ion: 99 Resp: 1317350

Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.6	31.0#
71	35.6	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

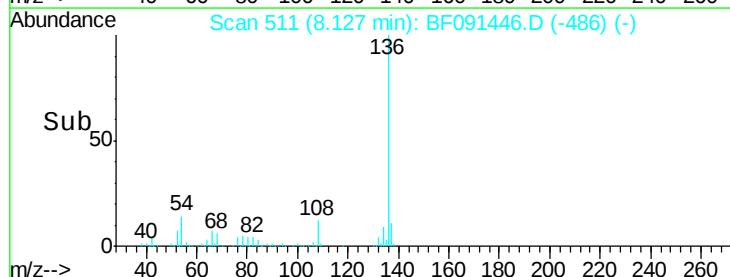
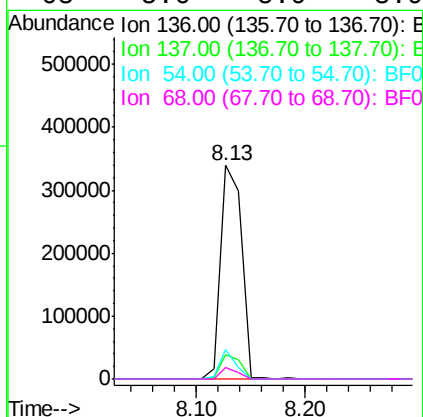
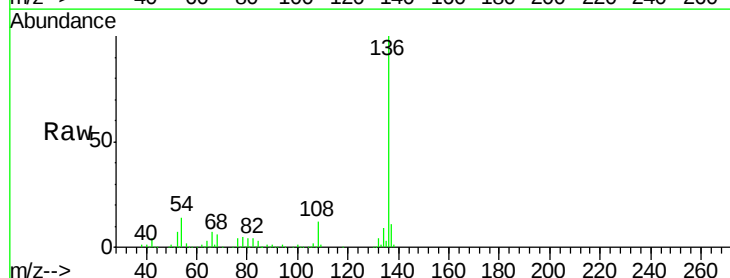
Delta R.T. -0.01 min

Lab File: BF091446.D

Acq: 6 Dec 2016 6:02

Tgt Ion: 136 Resp: 454251

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	14.0	9.1	13.7#
68	5.6	5.9	8.9#

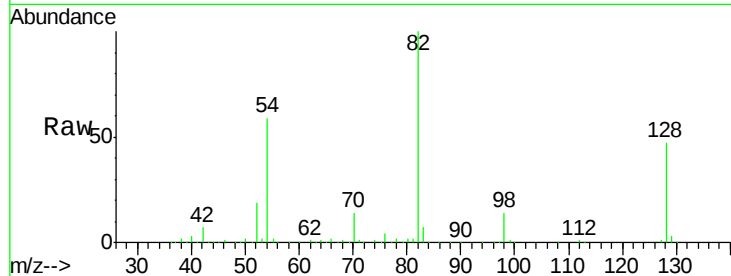




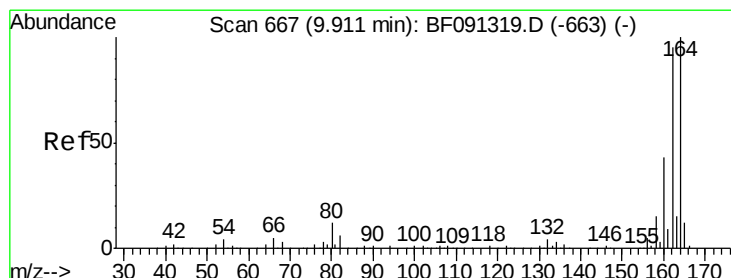
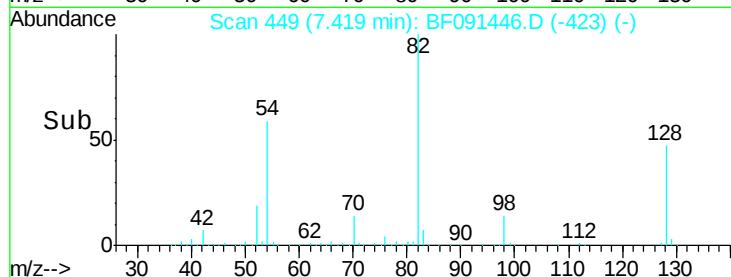
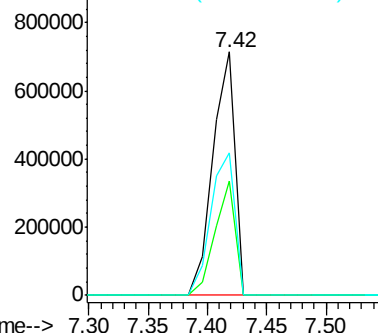
#23
Nitrobenzene-d5
Concen: 114.27 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091446.D
Acq: 6 Dec 2016 6:02

Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tot Ion: 82 Resp: 926265
Ion Ratio Lower Upper
82 100
128 46.9 31.8 47.6
54 58.7 49.1 73.7

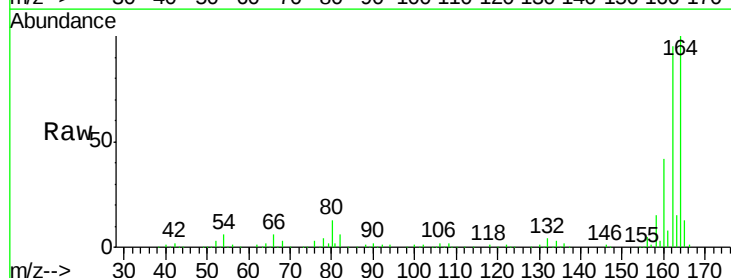


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

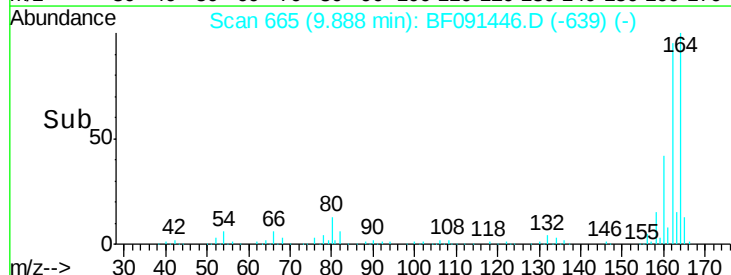
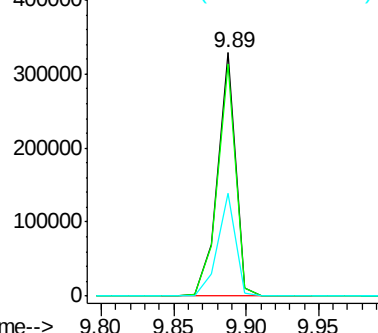


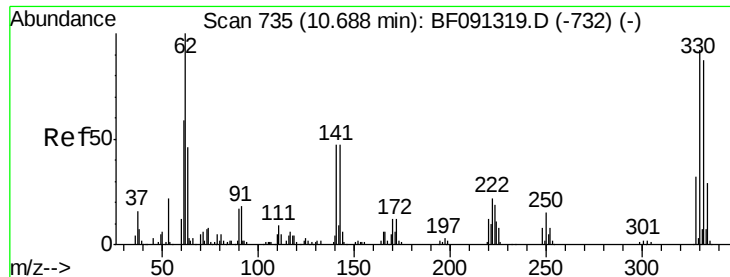
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091446.D
Acq: 6 Dec 2016 6:02

Tgt Ion: 164 Resp: 284321
Ion Ratio Lower Upper
164 100
162 95.1 82.6 124.0
160 42.2 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

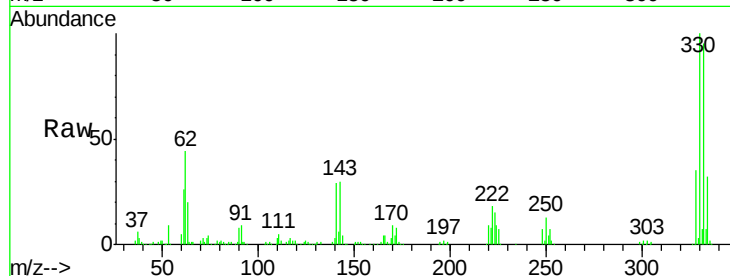




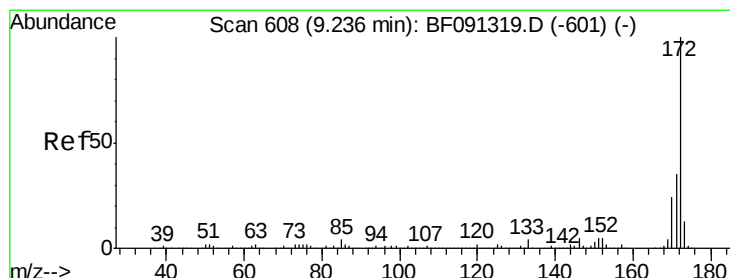
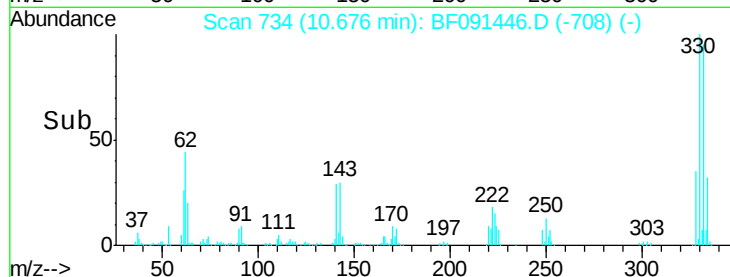
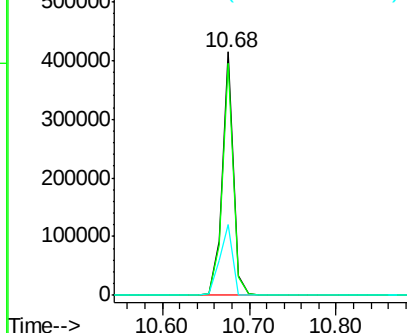
#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091446.D
 Acq: 6 Dec 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2

Tot Ion:330 Resp: 377360
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 34.1 33.6 50.4

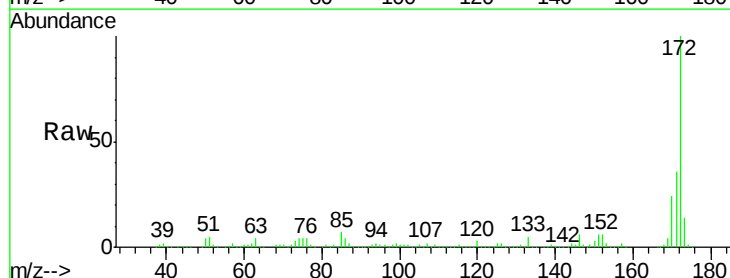


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

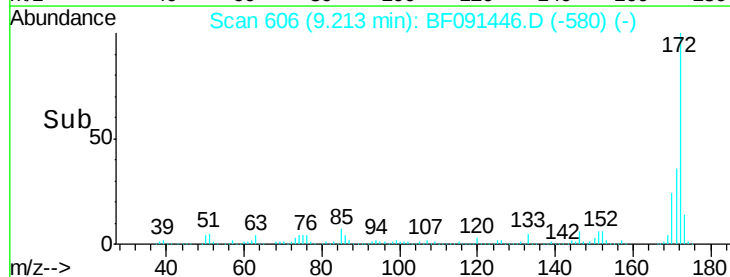
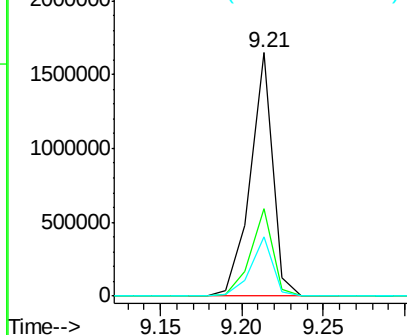


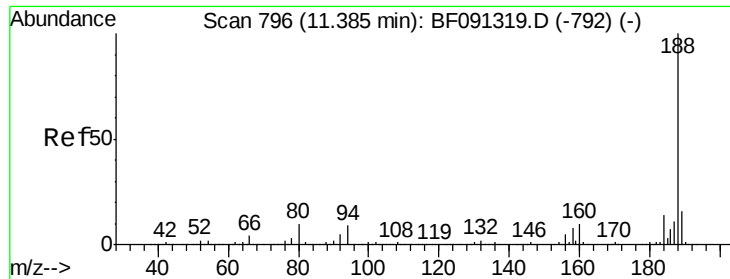
#44
 2-Fluorobiphenyl
 Concen: 100.23 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091446.D
 Acq: 6 Dec 2016 6:02

Tgt Ion:172 Resp: 1573875
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 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

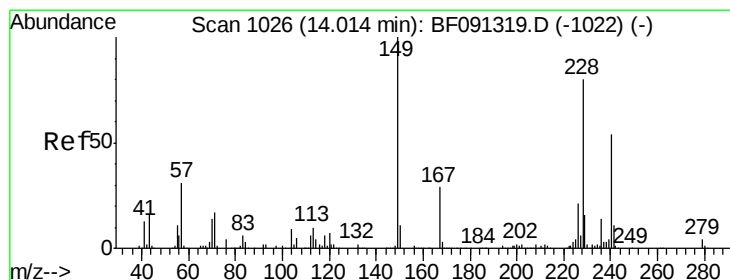
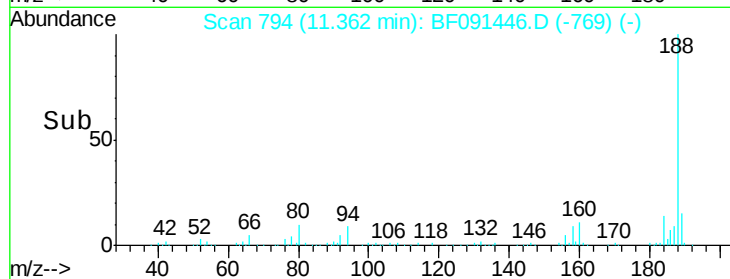
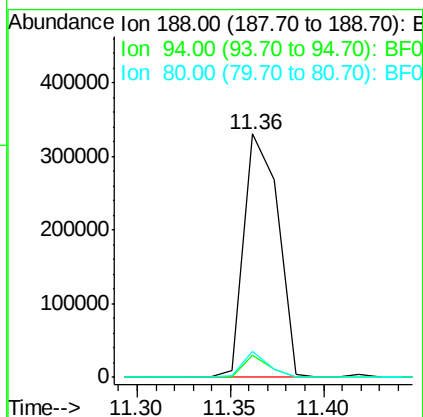
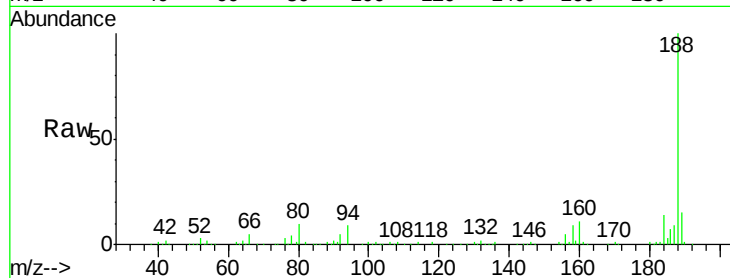




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF091446.D
Acq: 6 Dec 2016 6:02

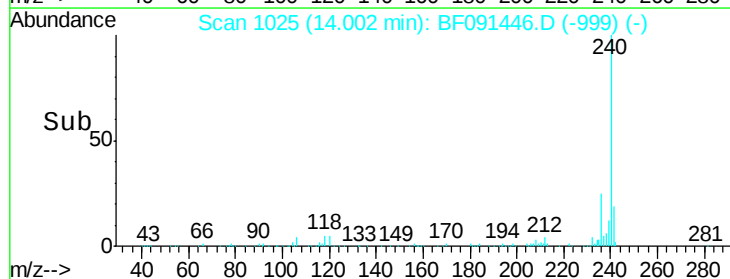
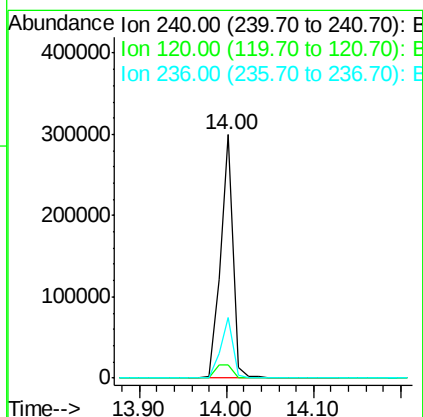
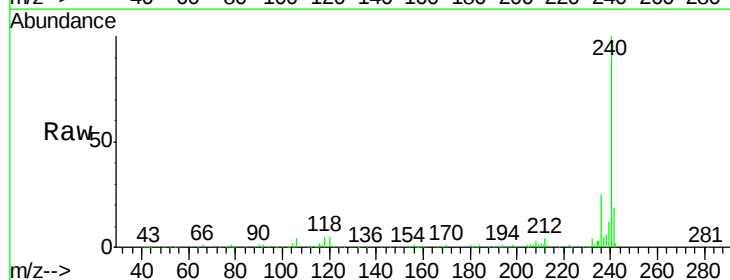
Instrument :
BNA_F
ClientSampleId :
TP14-15-COMP2

Tot Ion:188 Resp: 421864
Ion Ratio Lower Upper
188 100
94 9.2 9.2 13.8
80 10.4 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091446.D
Acq: 6 Dec 2016 6:02

Tgt Ion:240 Resp: 304091
Ion Ratio Lower Upper
240 100
120 5.2 12.1 18.1#
236 24.8 21.0 31.6

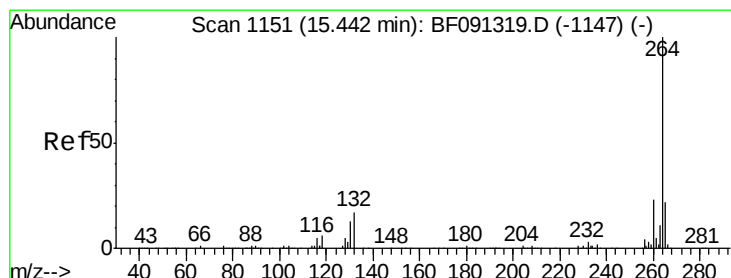
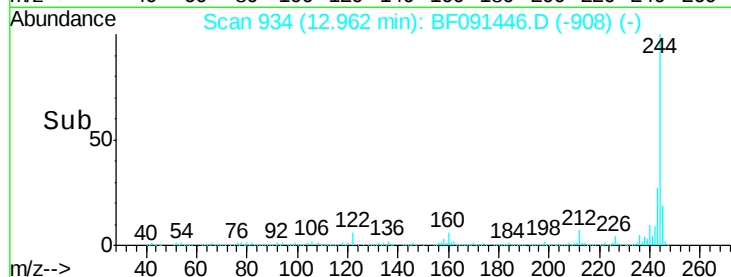
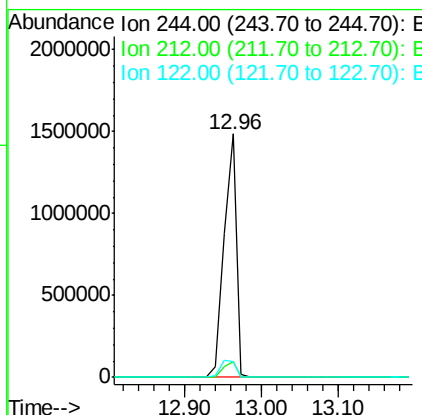
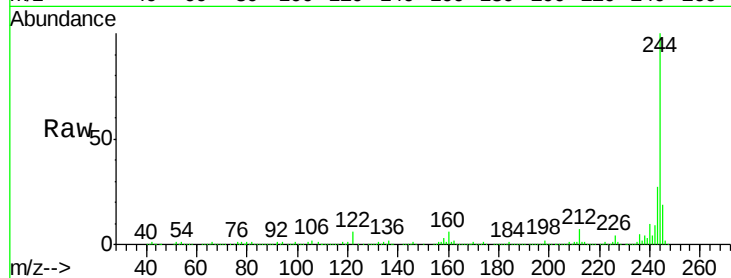




#78
 Terphenyl-d14
 Concen: 120.38 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091446.D
 Acq: 6 Dec 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 TP14-15-COMP2

Tot Ion:244 Resp: 1684208
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 6.4 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF091446.D
 Acq: 6 Dec 2016 6:02

Tgt Ion:264 Resp: 240214
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 20.6 17.0 25.6

