

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091663.D
 Acq On : 16 Dec 2016 8:51
 Operator : UM/SJ
 Sample : H6086-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-ROLL-OFF-276-COMP

Quant Time: Dec 16 16:44:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

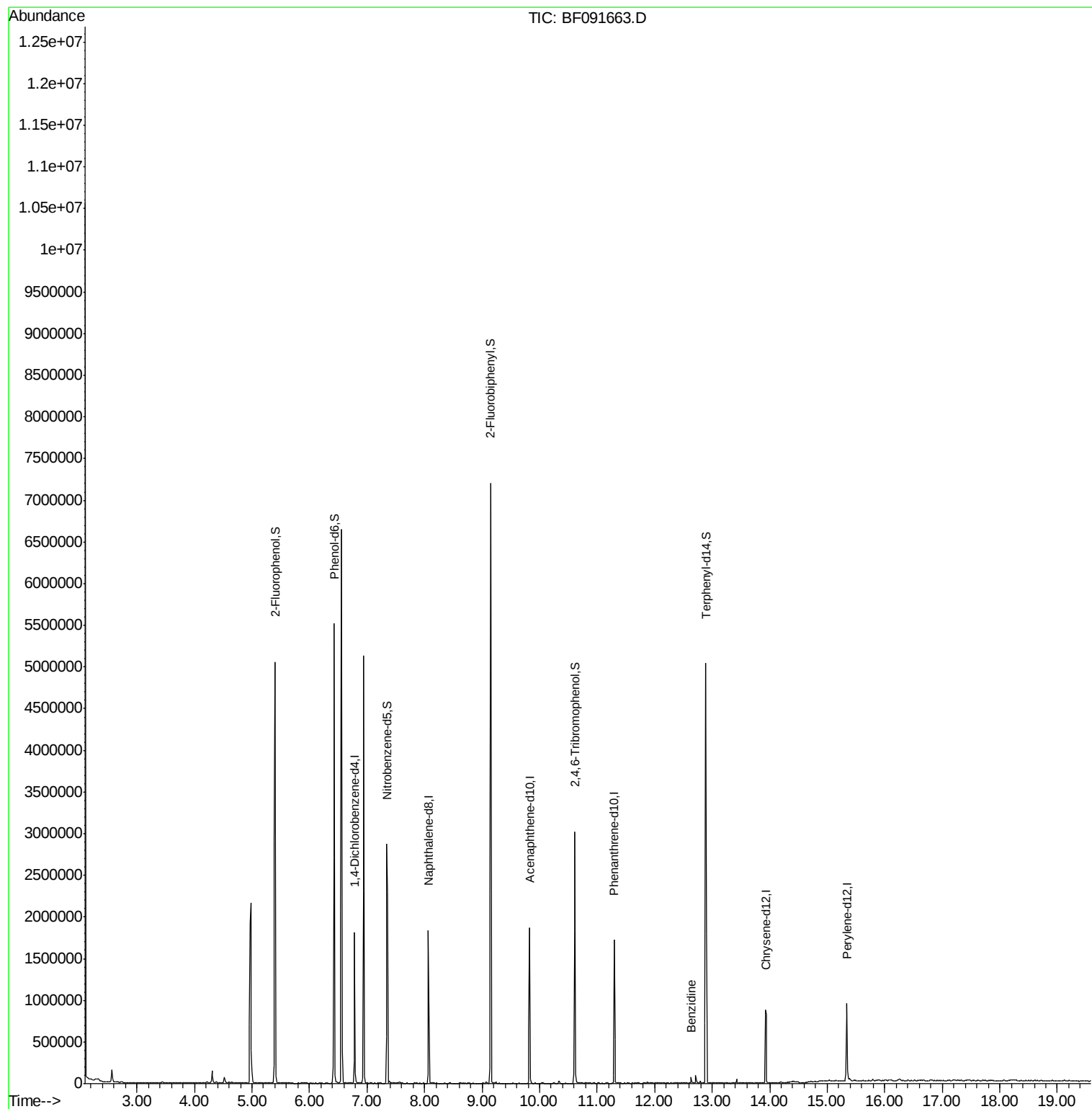
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	246980	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	964543	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	425456	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	643441	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	458138	20.00	ng	0.00
86) Perylene-d12	15.35	264	484681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1549186	105.68	ng	0.02
7) Phenol-d6	6.43	99	2002761	109.58	ng	0.00
23) Nitrobenzene-d5	7.34	82	1394505	80.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	436934	123.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2204894	89.55	ng	0.00
78) Terphenyl-d14	12.89	244	1715633	84.98	ng	-0.01
Target Compounds						
76) Benzidine	12.64	184	29840	2.11	ng	Qvalue 96

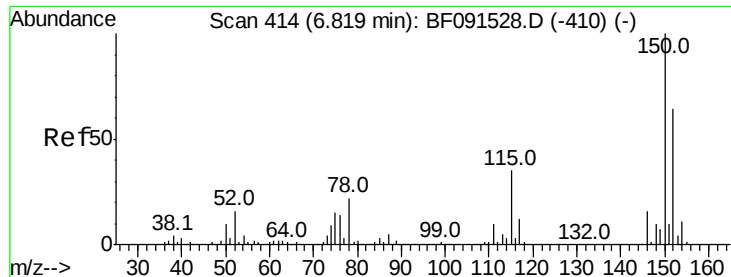
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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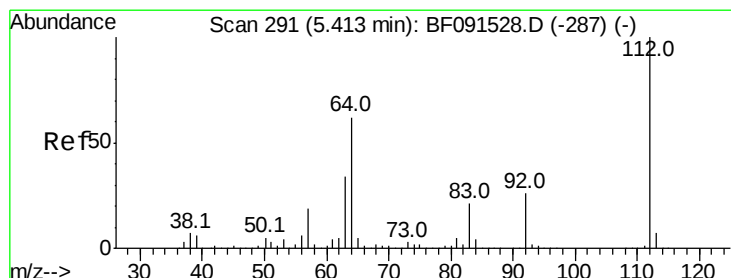
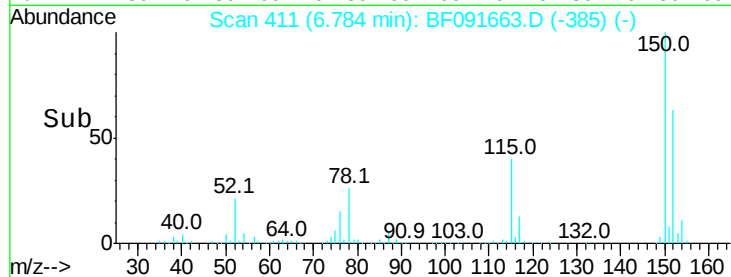
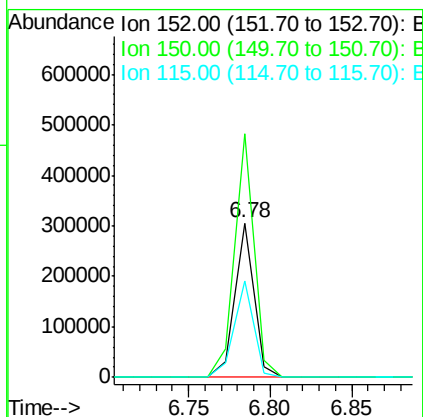
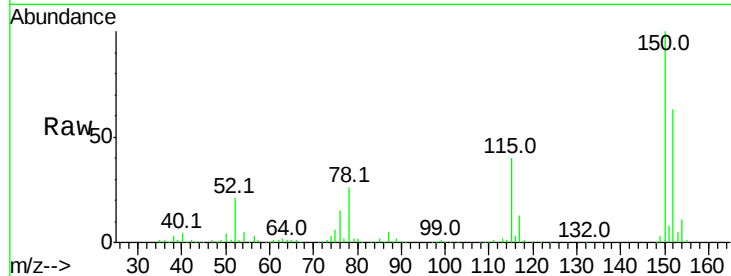


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091663.D
 Acq: 16 Dec 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-ROLL-OFF-276-COMP

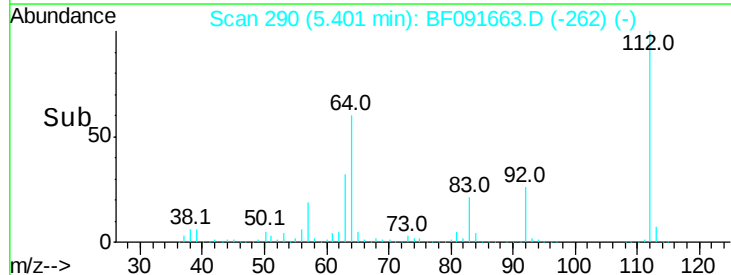
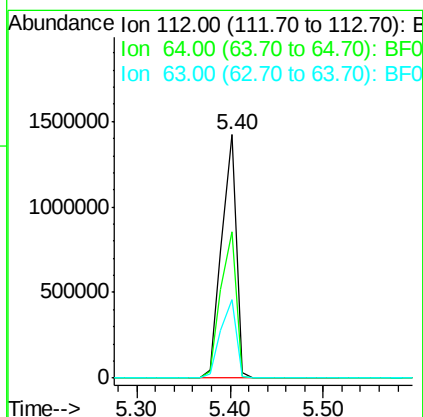
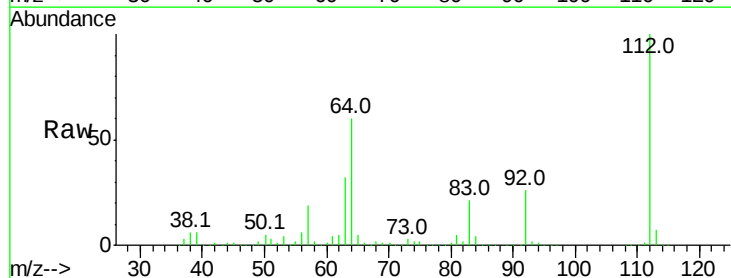
Tot Ion:152 Resp: 246980
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.5 183.7
 115 62.5 51.8 77.8

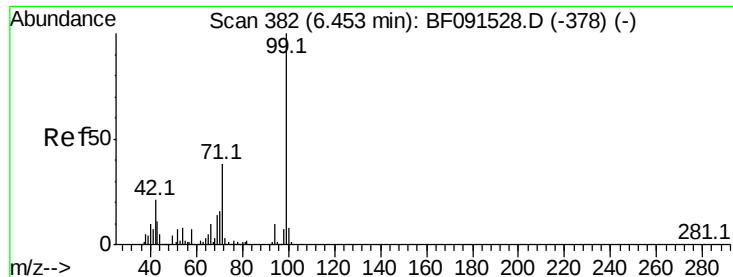


#5

2-Fluorophenol
 Concen: 105.68 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF091663.D
 Acq: 16 Dec 2016 8:51

Tgt Ion:112 Resp: 1549186
 Ion Ratio Lower Upper
 112 100
 64 60.2 61.5 92.3#
 63 32.3 33.3 49.9#





#7

Phenol-d6

Concen: 109.58 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

Instrument :

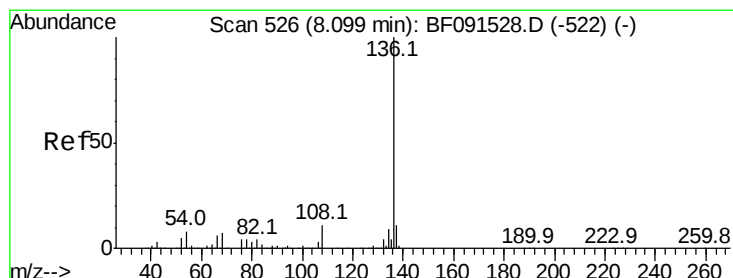
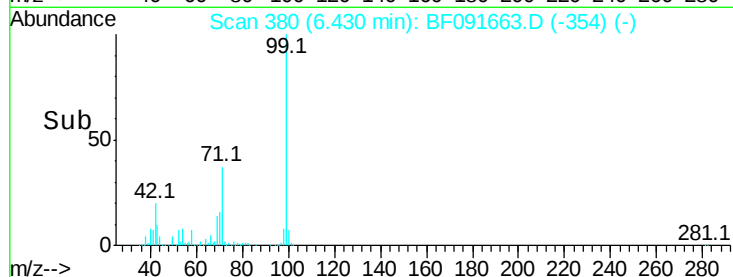
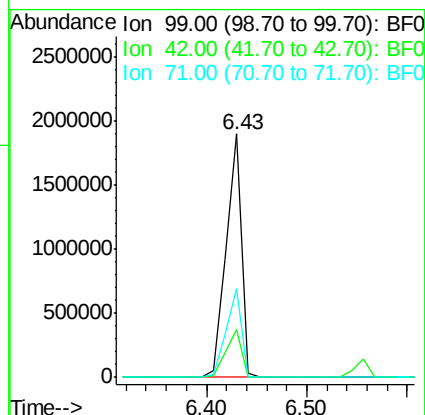
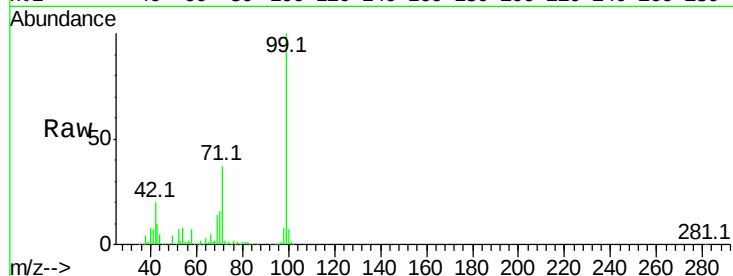
BNA_F

ClientSampleId :

ETGI-ROLL-OFF-276-COMP

Tot Ion: 99 Resp: 2002761

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.6	31.0#
71	36.5	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

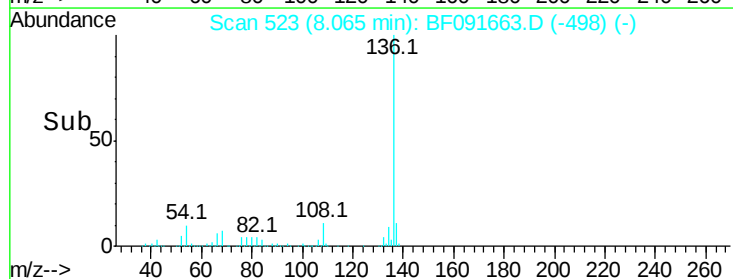
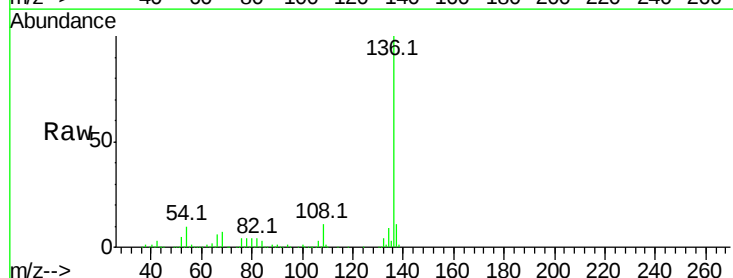
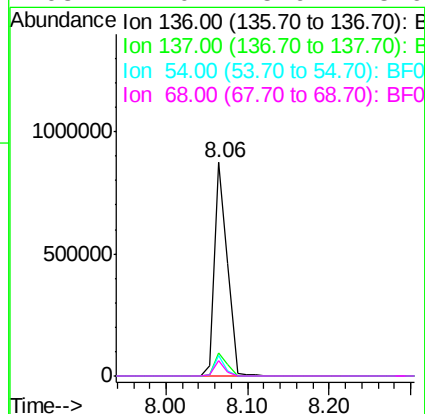
Delta R.T. -0.01 min

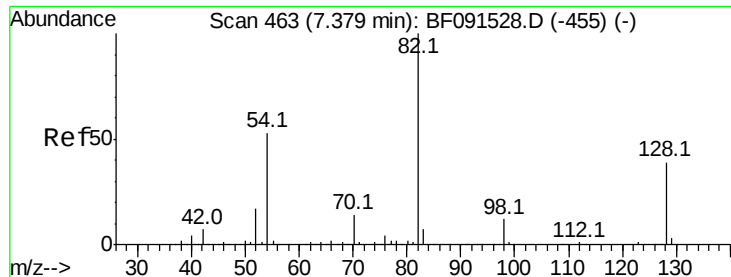
Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

Tgt Ion: 136 Resp: 964543

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.6	9.1	13.7
68	7.0	5.9	8.9

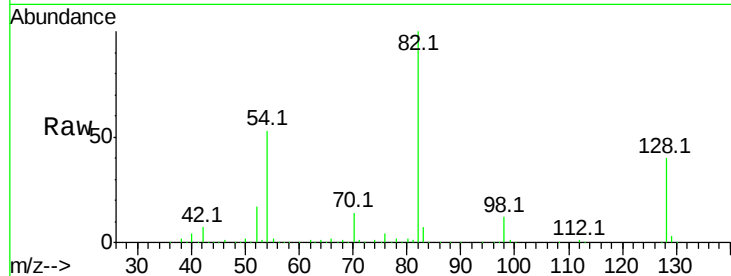




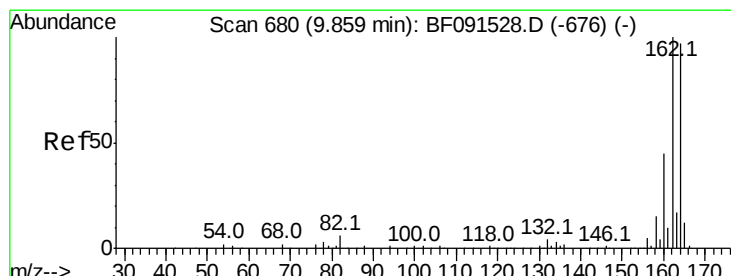
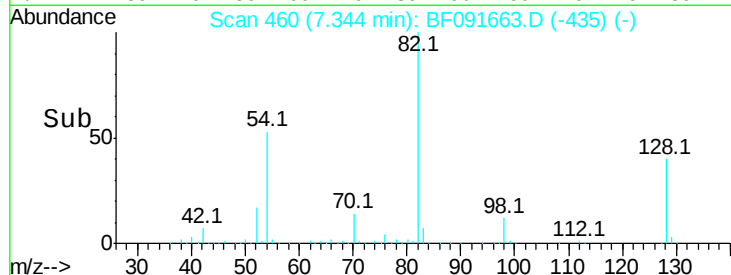
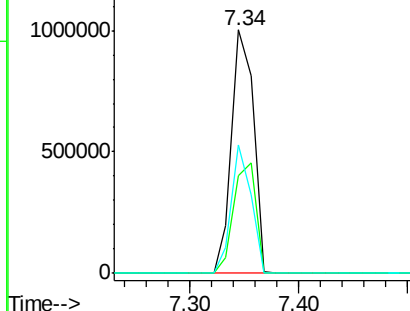
#23
 Nitrobenzene-d5
 Concen: 80.69 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091663.D
 Acq: 16 Dec 2016 8:51

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-ROLL-OFF-276-COMP

Tot Ion: 82 Resp: 1394505
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 52.9 49.1 73.7

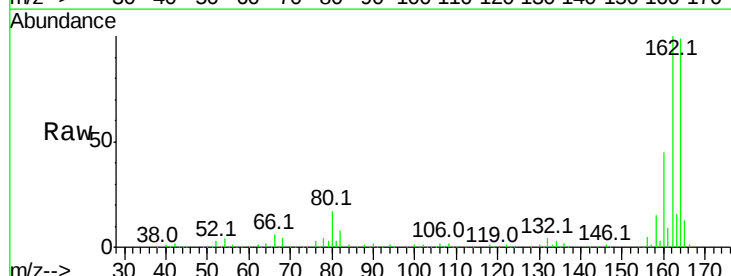


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

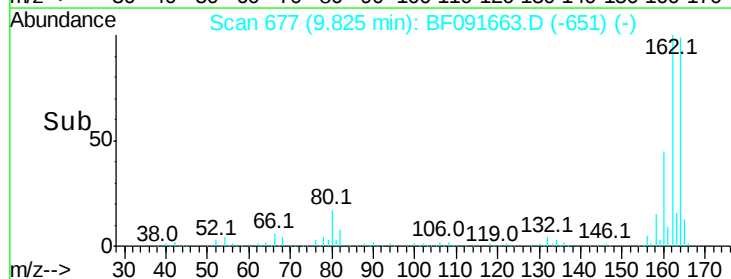
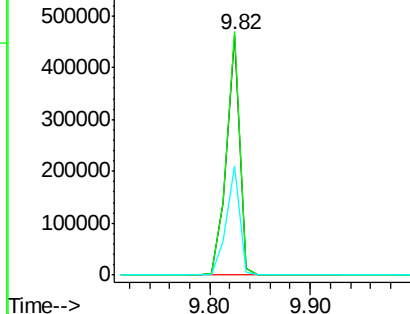


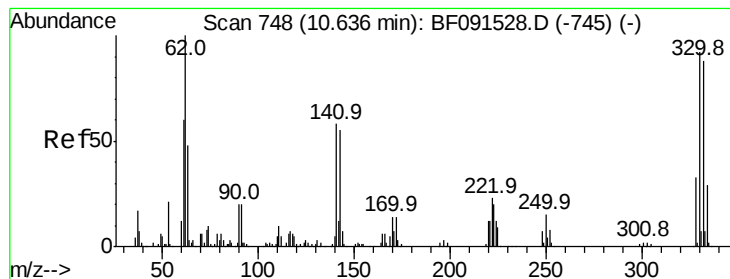
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091663.D
 Acq: 16 Dec 2016 8:51

Tgt Ion:164 Resp: 425456
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 124.0
 160 45.7 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: 123.64 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

Instrument :

BNA_F

ClientSampleId :

ETGI-ROLL-OFF-276-COMP

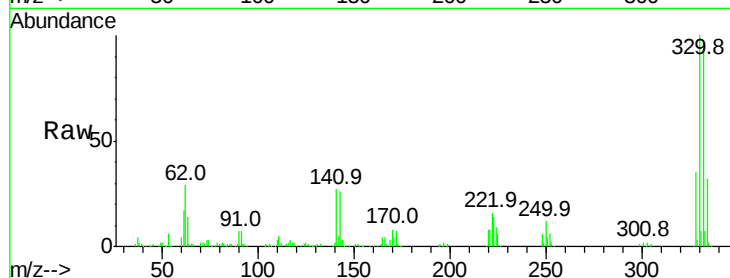
Tot Ion:330 Resp: 436934

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

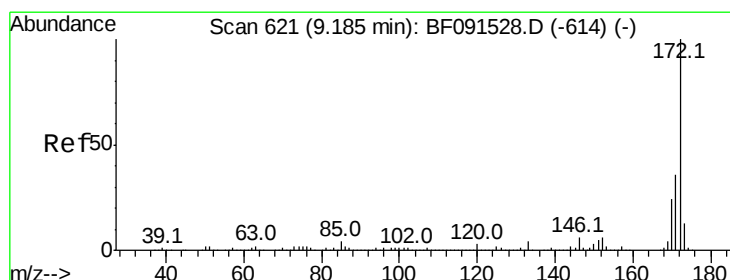
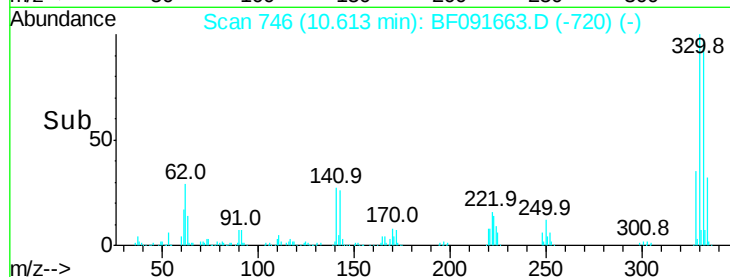
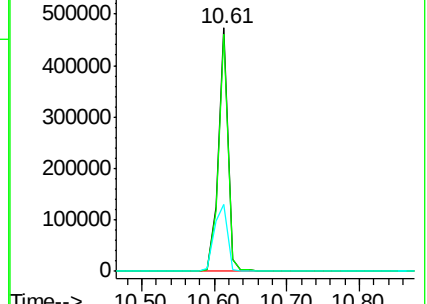
141 37.6 33.6 50.4



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: 89.55 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

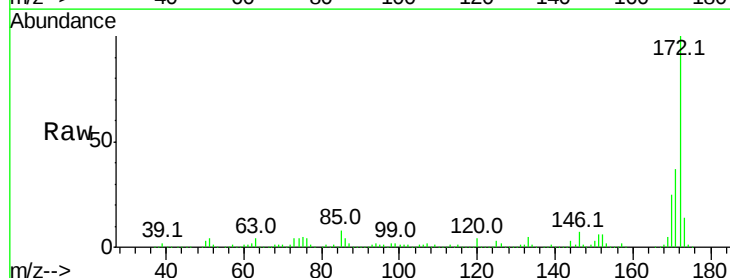
Tgt Ion:172 Resp: 2204894

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

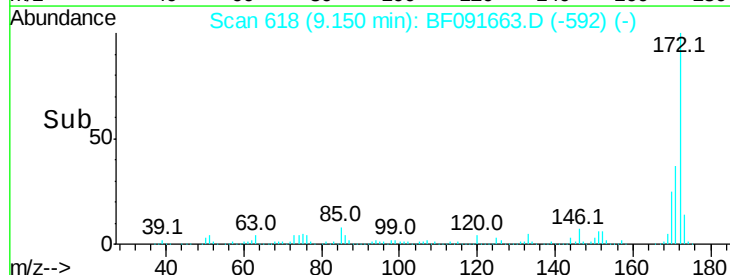
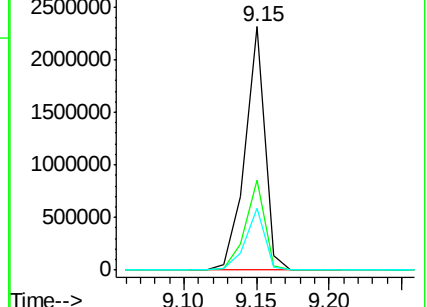
170 25.2 19.7 29.5

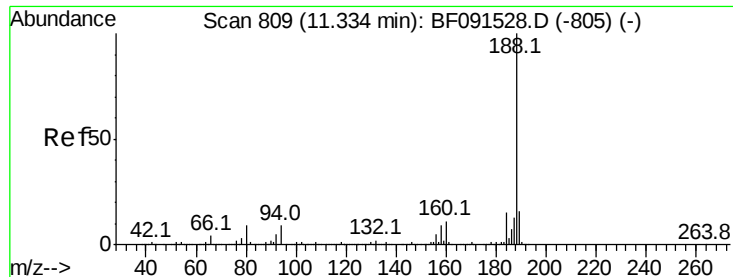


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

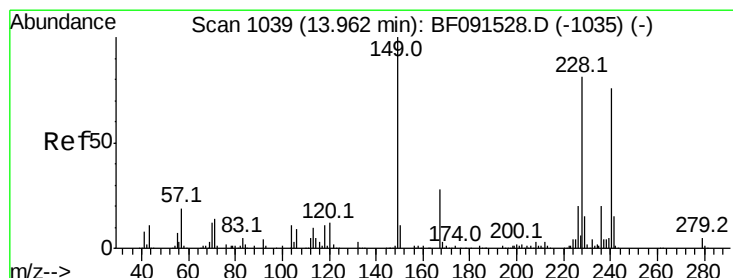
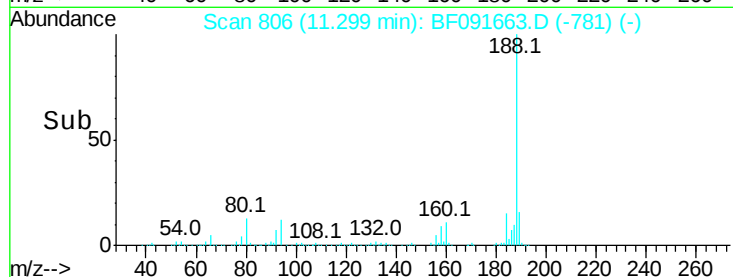
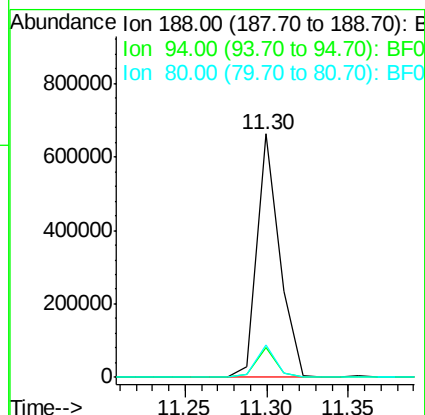
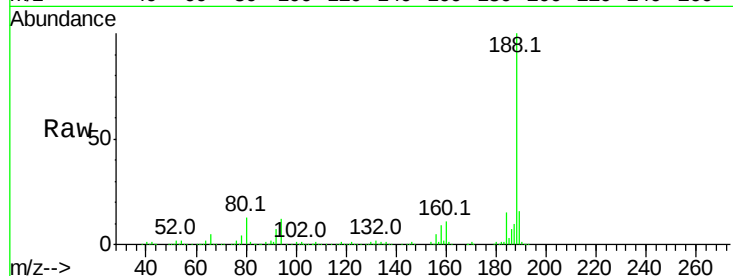




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091663.D
Acq: 16 Dec 2016 8:51

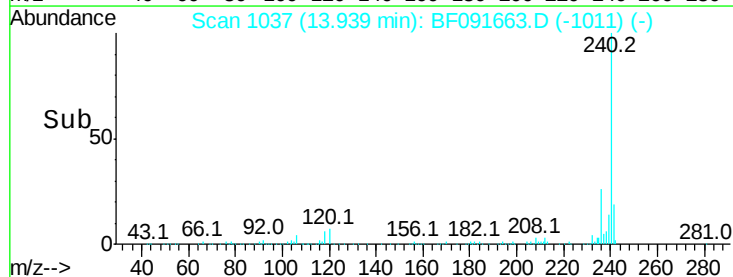
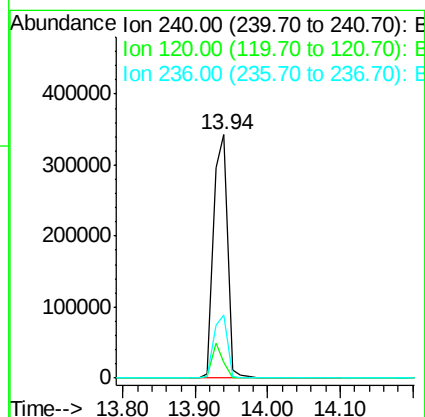
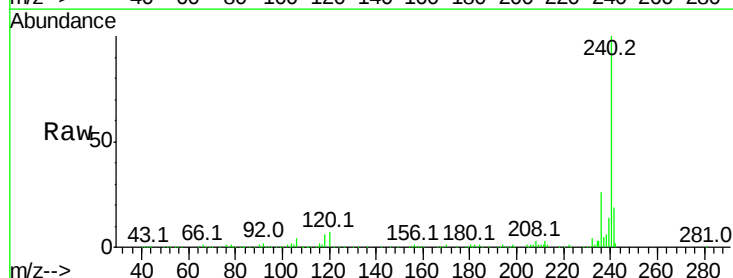
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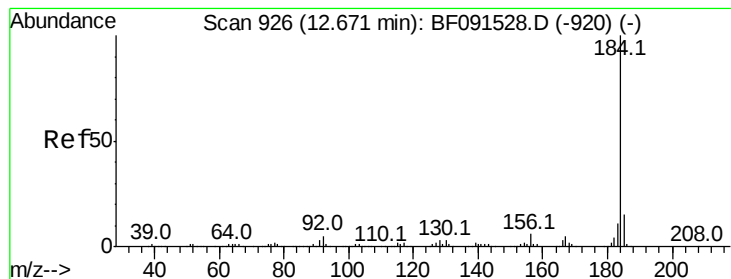
Tot Ion:188 Resp: 643441
Ion Ratio Lower Upper
188 100
94 12.3 9.2 13.8
80 13.3 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091663.D
Acq: 16 Dec 2016 8:51

Tgt Ion:240 Resp: 458138
Ion Ratio Lower Upper
240 100
120 6.7 12.1 18.1#
236 25.9 21.0 31.6





#76

Benzidine

Concen: 2.11 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

Instrument :

BNA_F

ClientSampleId :

ETGI-ROLL-OFF-276-COMP

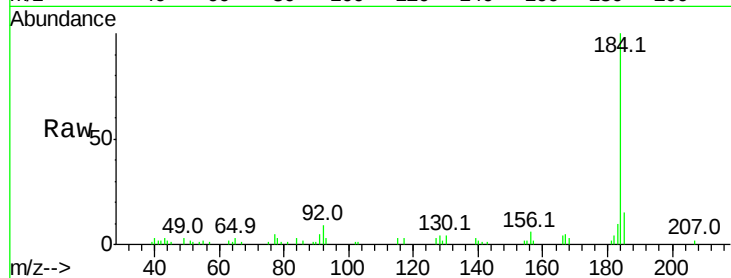
Tot Ion:184 Resp: 29840

Ion Ratio Lower Upper

184 100

185 14.5 13.1 19.7

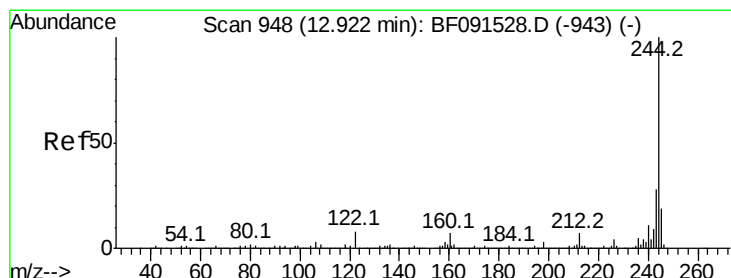
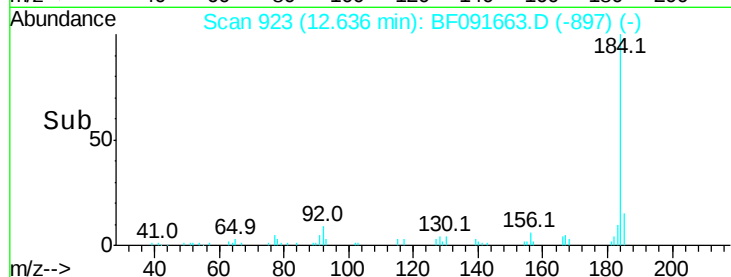
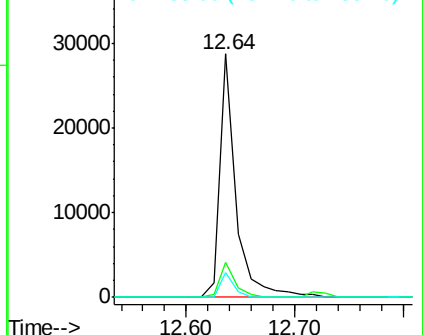
183 10.2 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 84.98 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091663.D

Acq: 16 Dec 2016 8:51

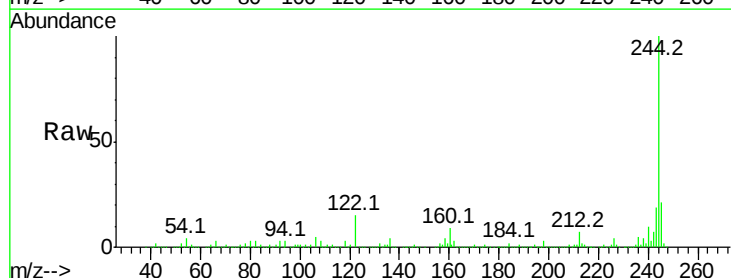
Tgt Ion:244 Resp: 1715633

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

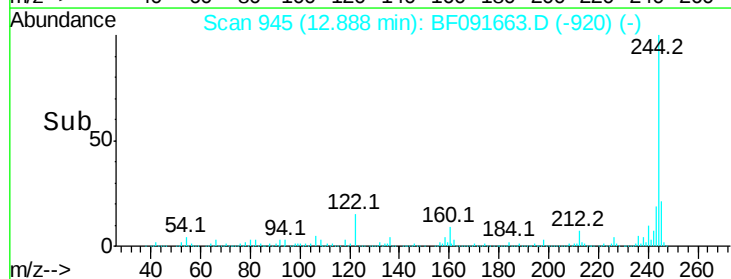
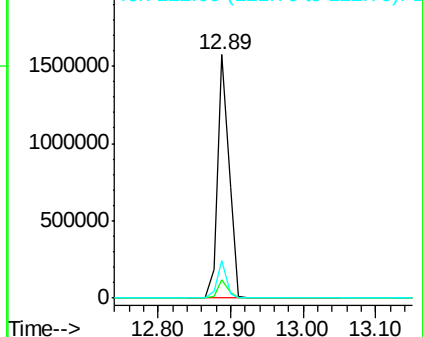
122 15.4 9.5 14.3#

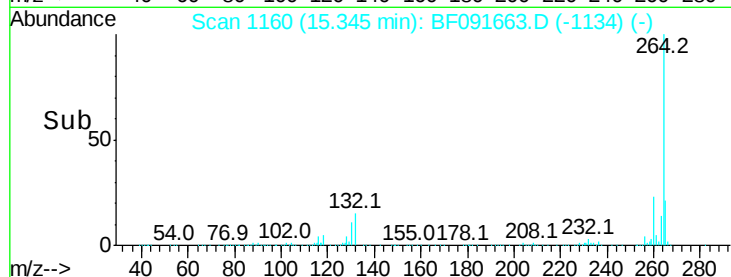
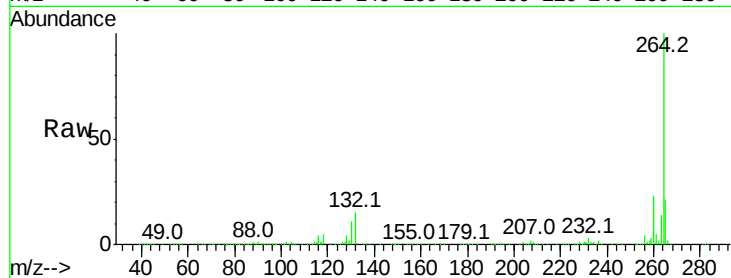
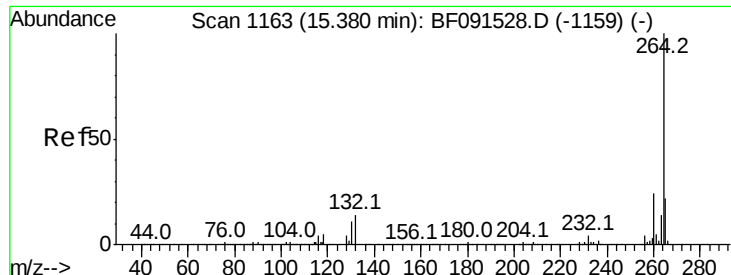


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091663.D
Acq: 16 Dec 2016 8:51

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.2	17.0	25.6

