

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093647.D
 Acq On : 14 Mar 2017 9:52
 Operator : SJ/MA
 Sample : I2201-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-126

Quant Time: Mar 15 03:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166620	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	631227	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	297406	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	569534	20.00	ng	0.00
75) Chrysene-d12	13.90	240	406735	20.00	ng	0.01
86) Perylene-d12	15.31	264	234982	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1451694	145.01	ng	0.00
7) Phenol-d6	6.37	99	1847494	146.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1192859	104.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346647	178.90	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1836348	114.85	ng	-0.01
78) Terphenyl-d14	12.84	244	1537332	98.27	ng	0.01

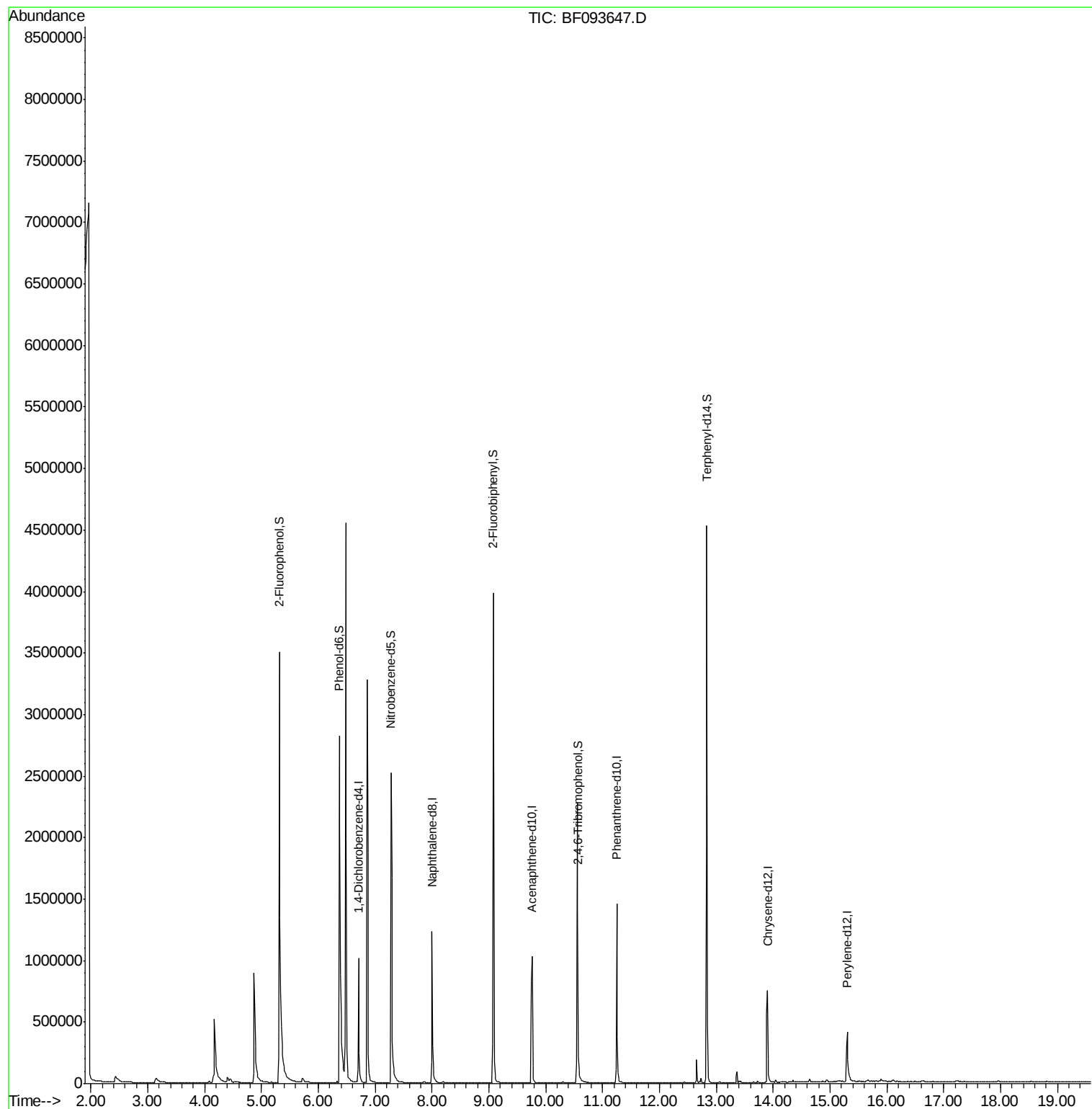
Target Compounds Qvalue

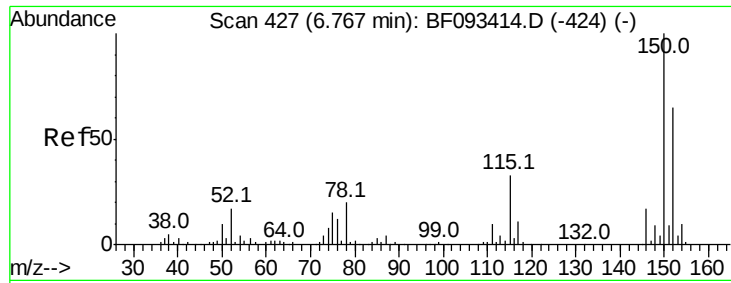
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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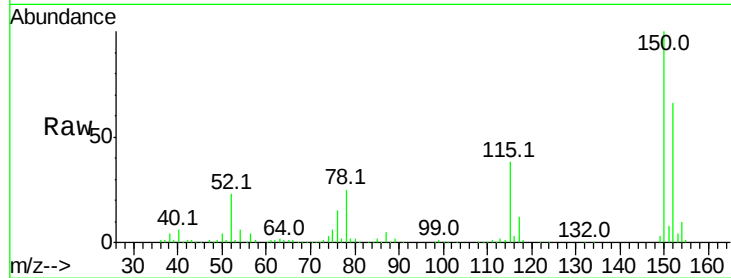


#1

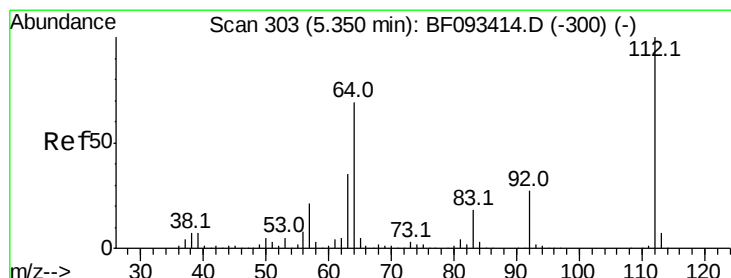
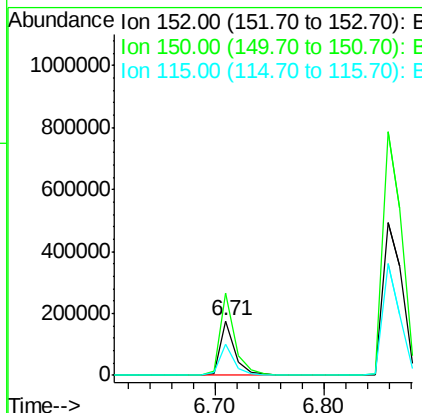
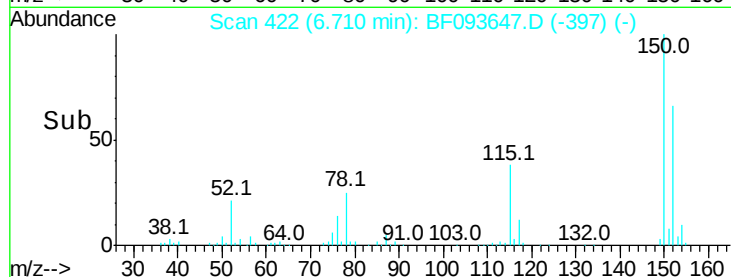
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Instrument :
BNA_F
ClientSampleId :
D-126

Tot Ion:152 Resp: 166620
Ion Ratio Lower Upper
152 100
150 152.1 124.9 187.3
115 57.3 46.0 69.0



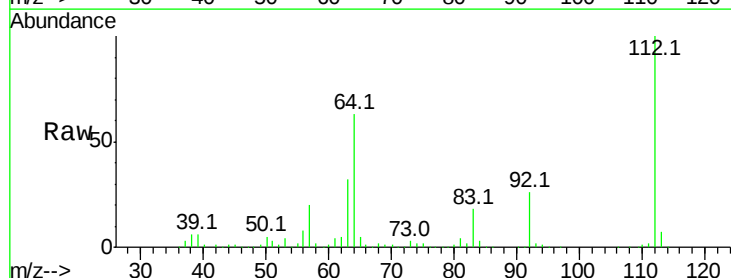
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



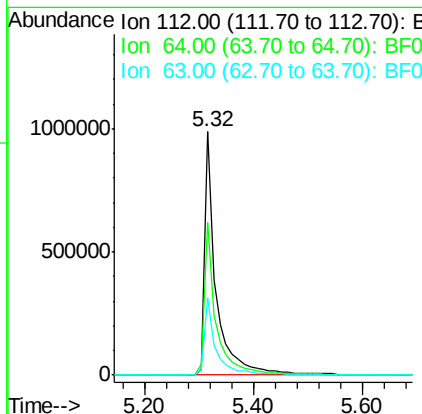
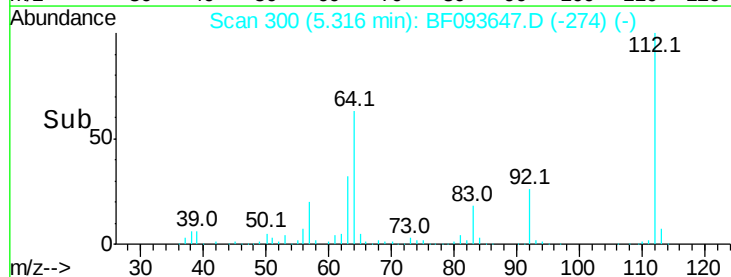
#5

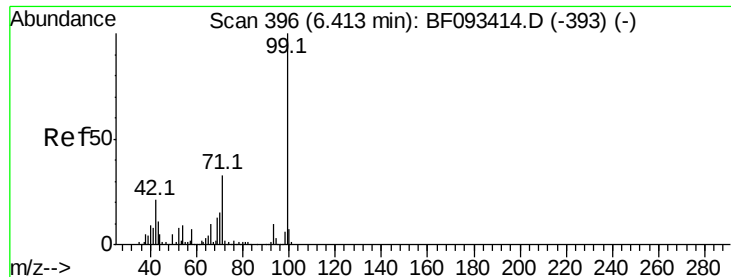
2-Fluorophenol
Concen: 145.01 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Tgt Ion:112 Resp: 1451694
Ion Ratio Lower Upper
112 100
64 62.7 46.1 69.1
63 31.7 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: 146.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Instrument :

BNA_F

ClientSampleId :

D-126

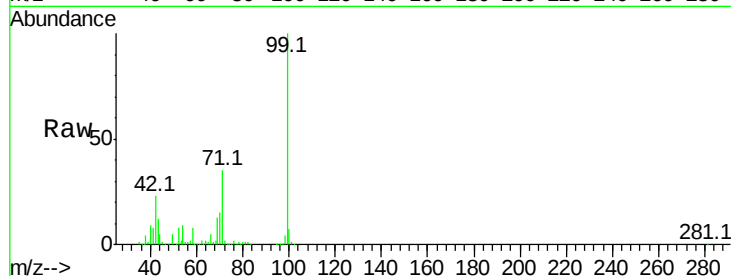
Tot Ion: 99 Resp: 1847494

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

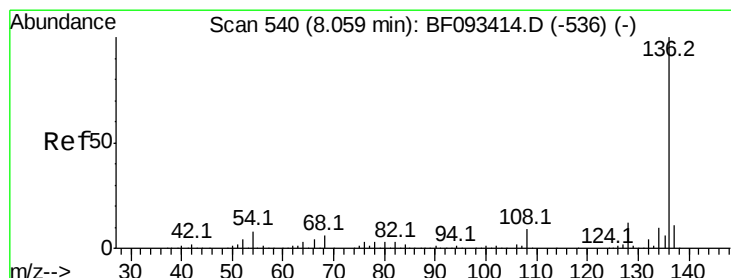
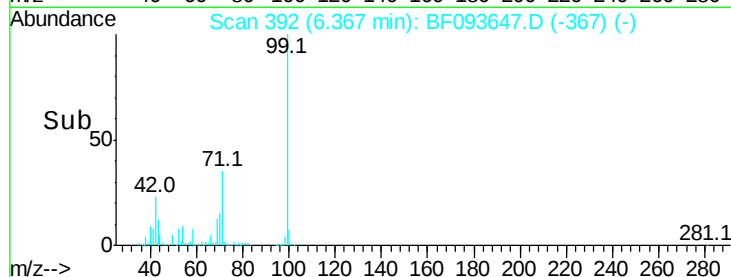
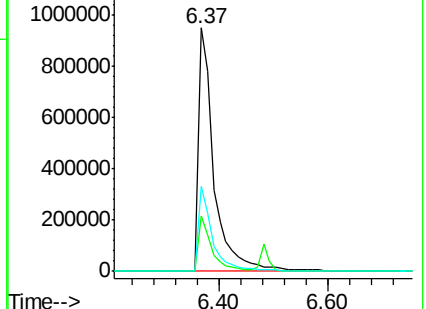
71 34.7 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Tgt Ion: 136 Resp: 631227

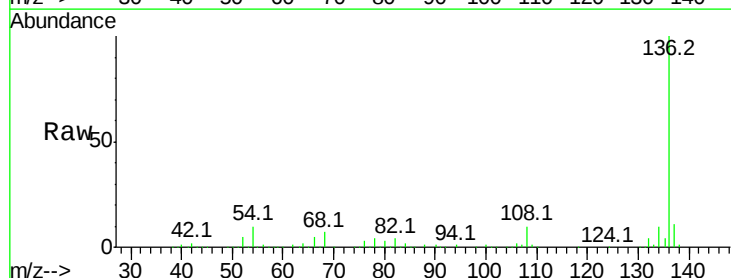
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.8 4.5 6.7#

68 6.9 3.6 5.4#

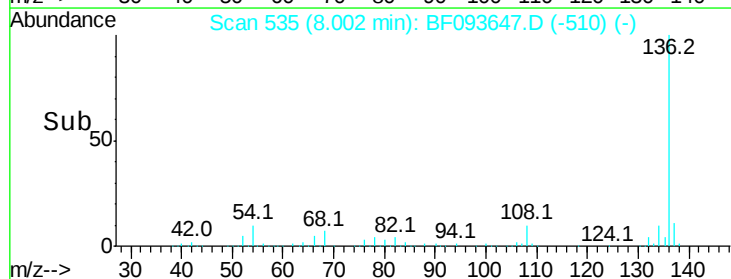
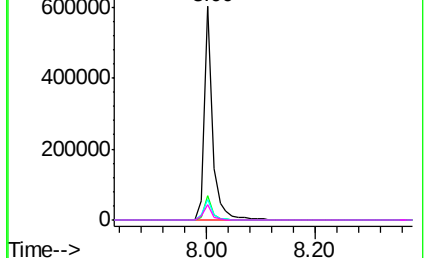


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.85 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

Instrument :

BNA_F

ClientSampleId :

D-126

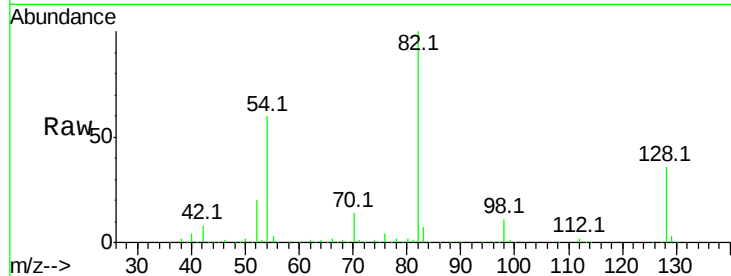
Tot Ion: 82 Resp: 1192859

Ion Ratio Lower Upper

82 100

128 36.2 34.6 52.0

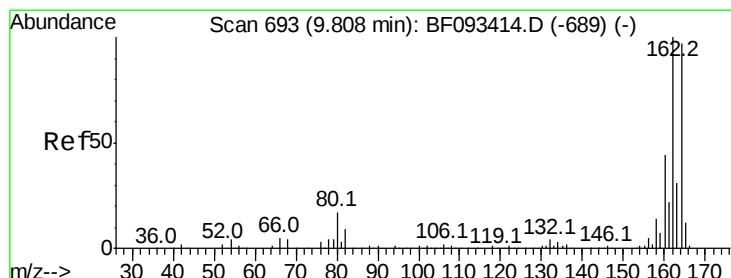
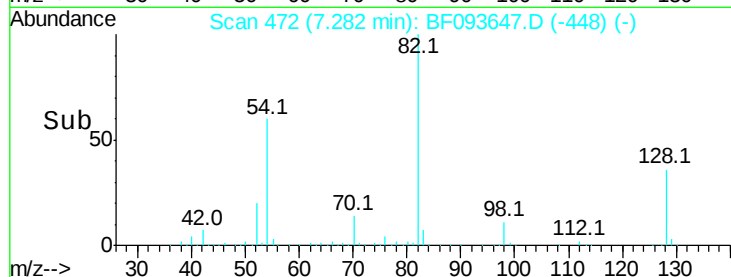
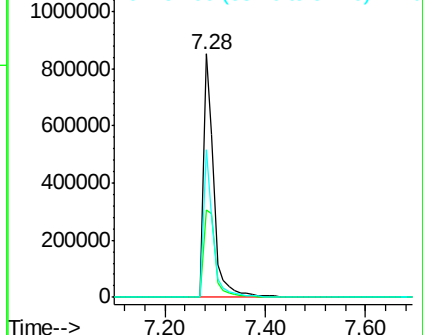
54 60.4 39.5 59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093647.D

Acq: 14 Mar 2017 9:52

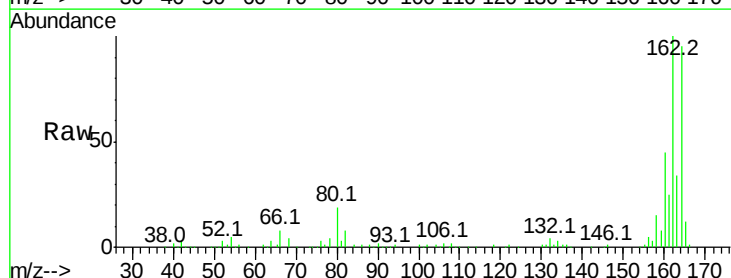
Tgt Ion:164 Resp: 297406

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

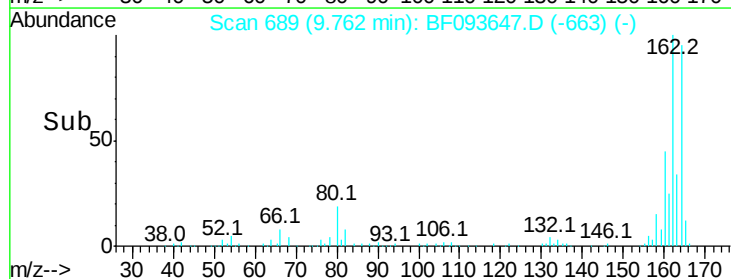
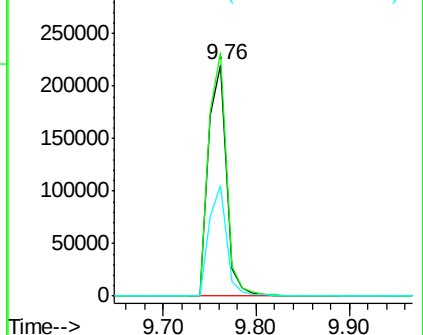
160 47.6 36.9 55.3

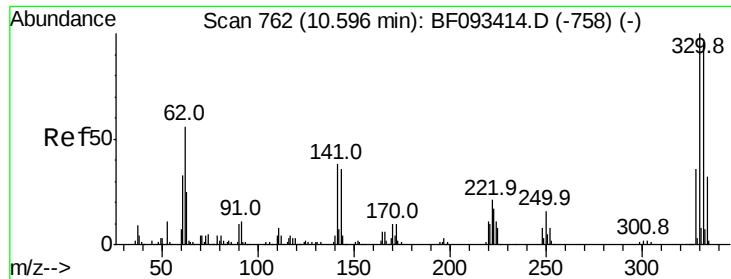


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

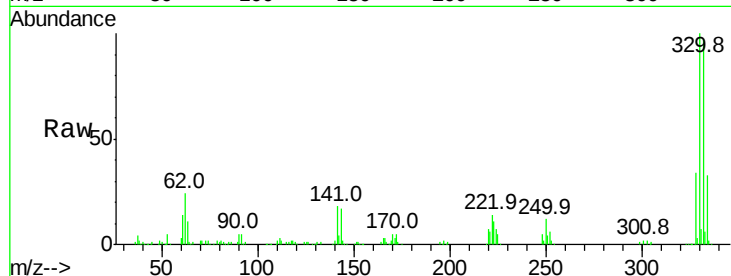




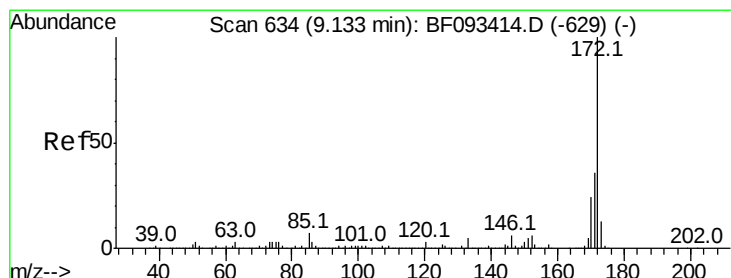
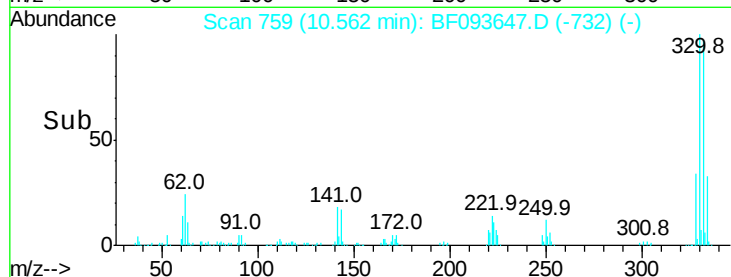
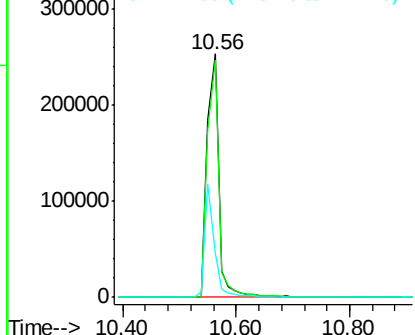
#41
 2,4,6-Tribromophenol
 Concen: 178.90 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 D-126

Tot Ion:330 Resp: 346647
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.4 34.1 51.1

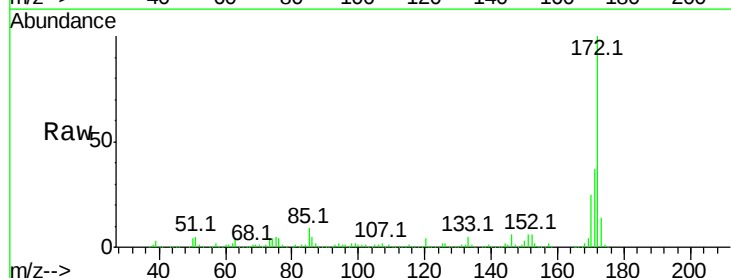


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

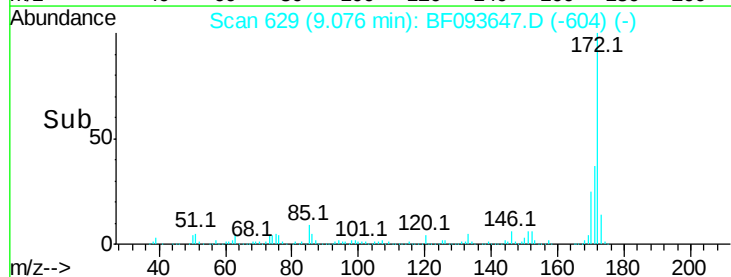
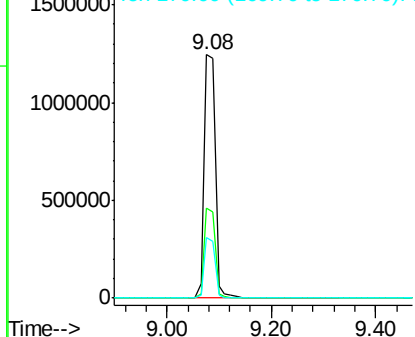


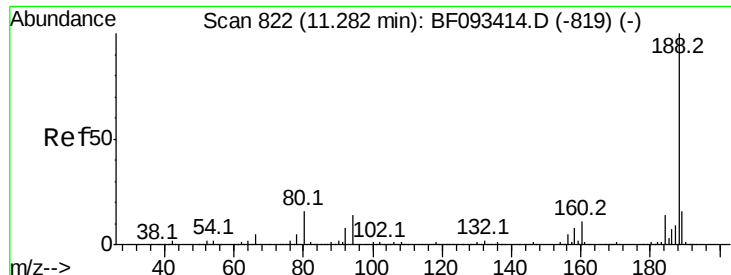
#44
 2-Fluorobiphenyl
 Concen: 114.85 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Tgt Ion:172 Resp: 1836348
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.1 20.2 30.4



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

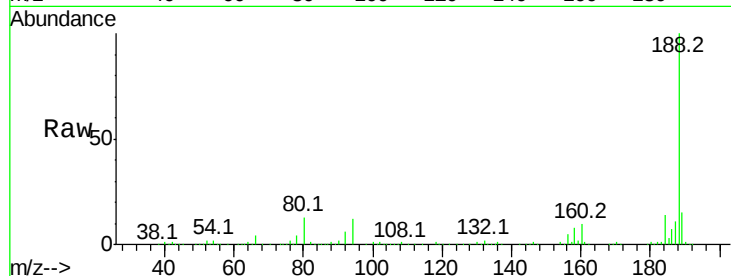




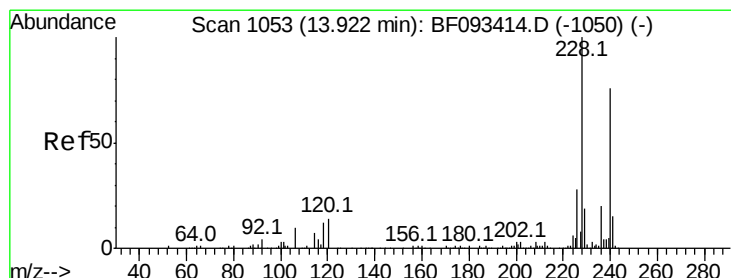
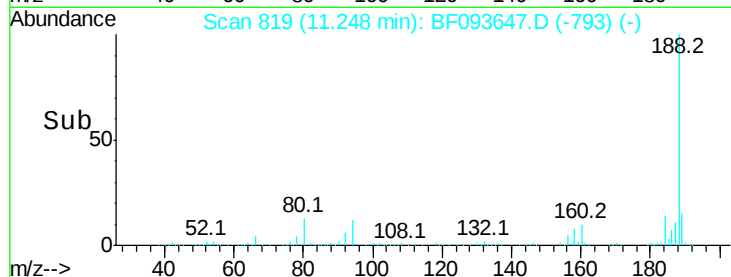
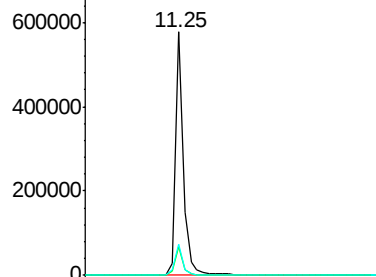
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Instrument :
BNA_F
ClientSampleId :
D-126

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.0	15.0
80	12.6	11.2	16.8

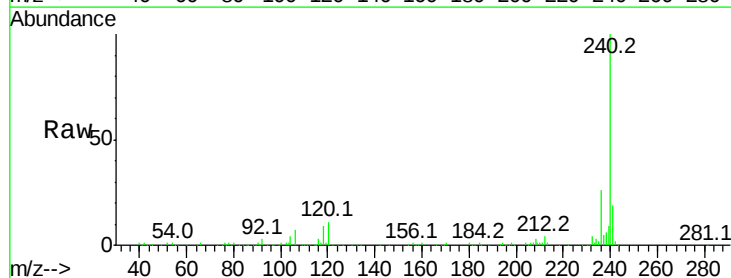


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

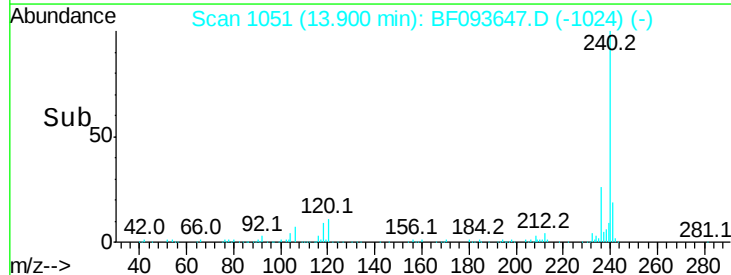
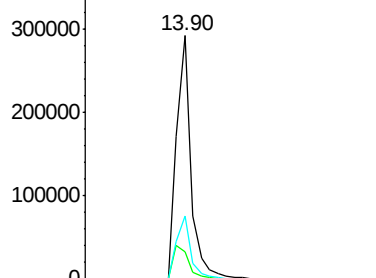


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093647.D
Acq: 14 Mar 2017 9:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.9	19.3#
236	25.9	20.9	31.3



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

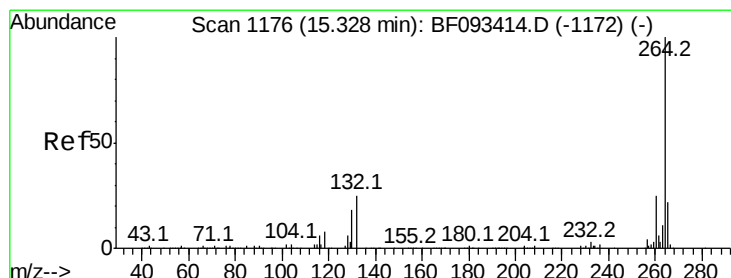
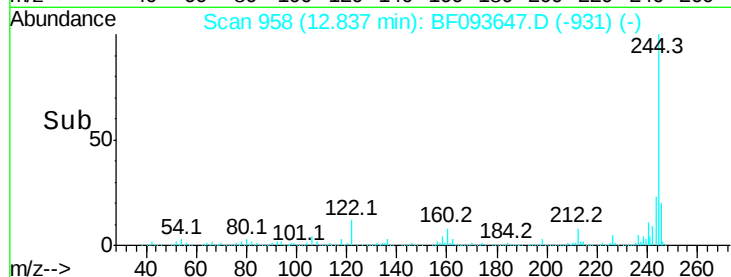
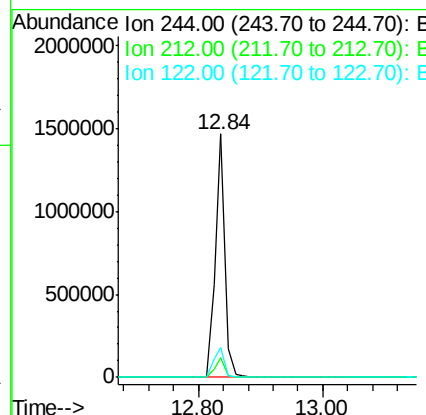
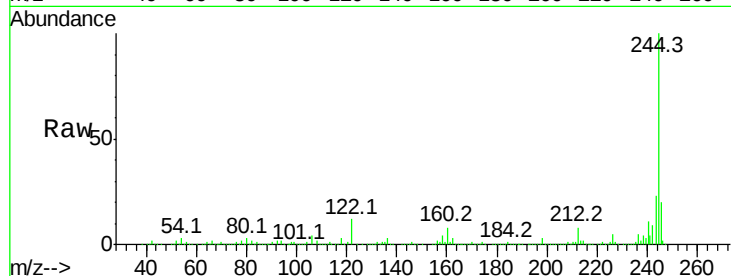




#78
 Terphenyl-d14
 Concen: 98.27 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 D-126

Tot Ion:244 Resp: 1537332
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093647.D
 Acq: 14 Mar 2017 9:52

Tgt Ion:264 Resp: 234982
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 19.9 17.4 26.0

