

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094380.D
 Acq On : 12 Apr 2017 6:30
 Operator : SJ/MA
 Sample : I2598-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S2(8-10)

Quant Time: Apr 12 07:54:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

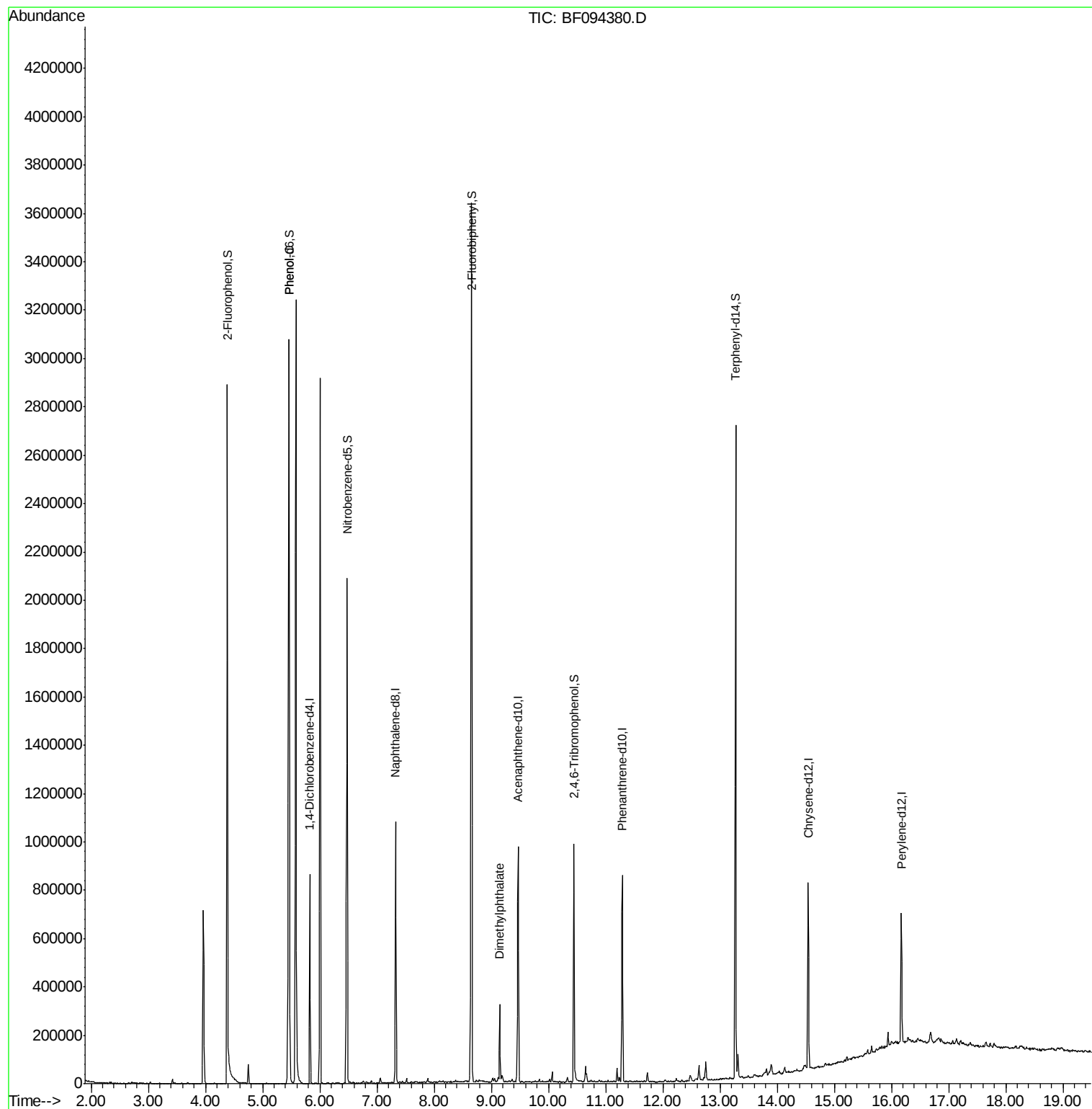
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	138023	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	529365	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	209935	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	330467	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	288517	20.00	ng	-0.03
86) Perylene-d12	16.17	264	207796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	985651	120.62	ng	0.00
7) Phenol-d6	5.46	99	1350370	133.58	ng	0.00
23) Nitrobenzene-d5	6.48	82	859720	92.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	122946	74.11	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1389811	100.98	ng	-0.03
78) Terphenyl-d14	13.27	244	959987	74.58	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	77272	6.72	ng	92
49) Dimethylphthalate	9.15	163	152714	10.23	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

B-64-S2(8-10)

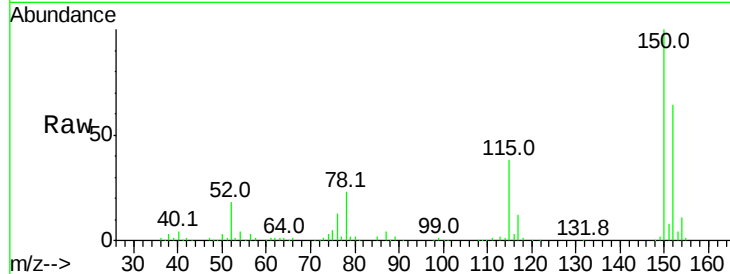
Tot Ion:152 Resp: 138023

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

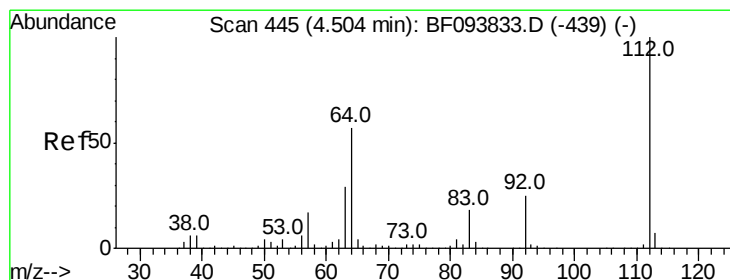
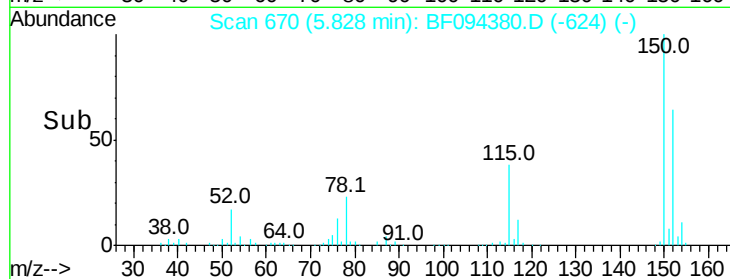
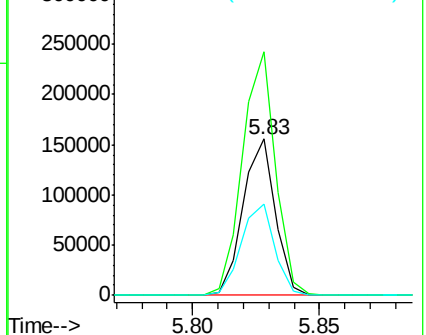
115 58.9 52.2 78.2



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: 120.62 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

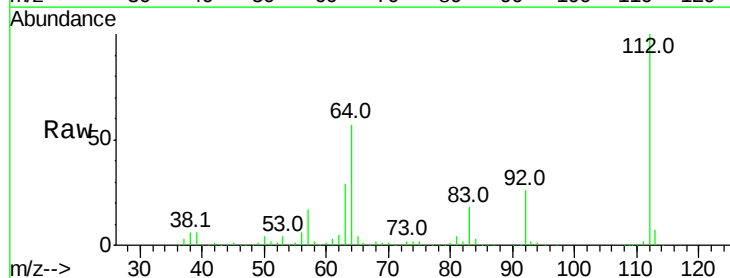
Tgt Ion:112 Resp: 985651

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

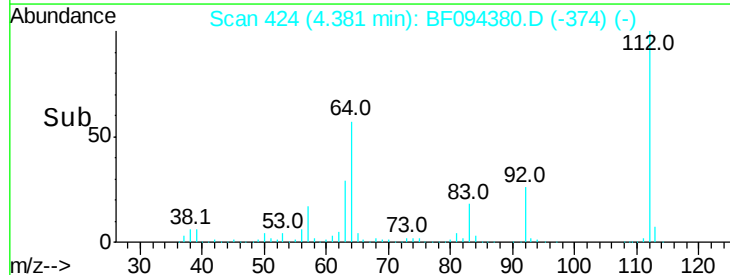
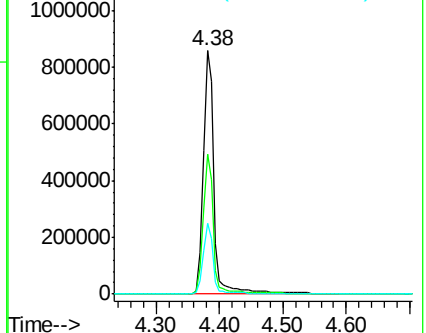
63 29.0 23.4 35.0



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: 133.58 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

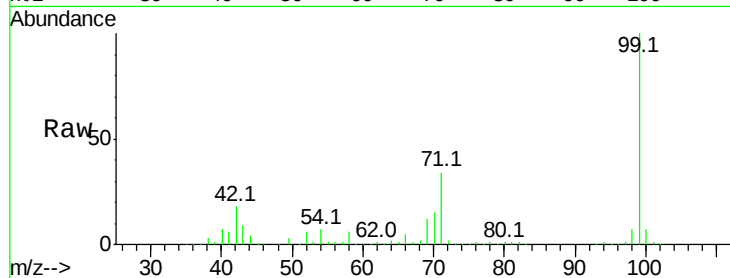
BNA_F

ClientSampleId :

B-64-S2(8-10)

Tot Ion: 99 Resp: 1350370

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7

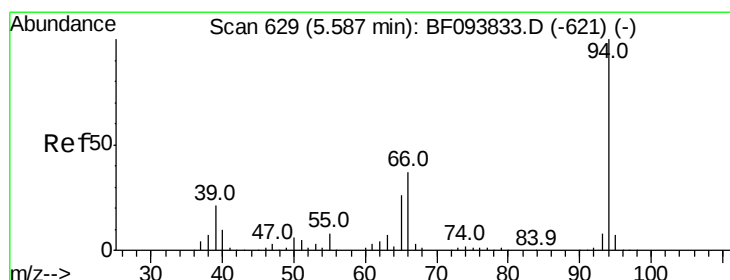
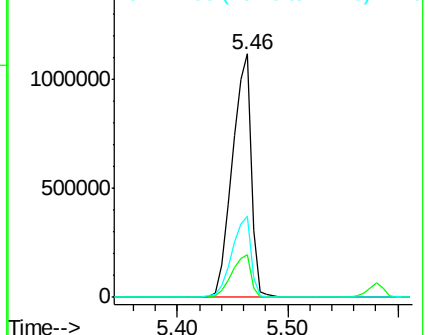
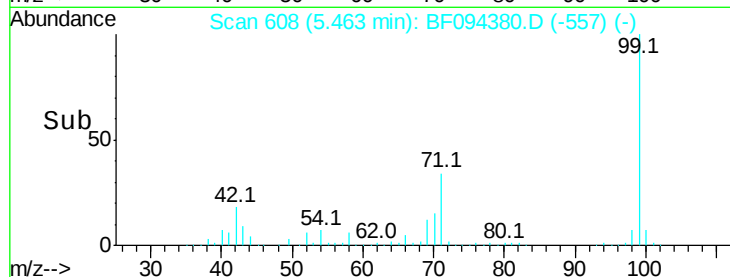


Abundance

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



#10

Phenol

Concen: 6.72 ng

RT: 5.47 min Scan# 609

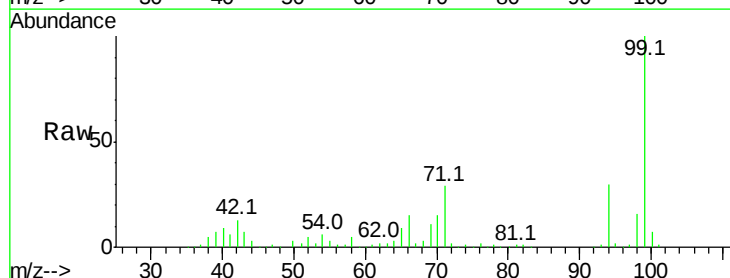
Delta R.T. -0.01 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Tgt Ion: 94 Resp: 77272

Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	51.2	23.1	63.1

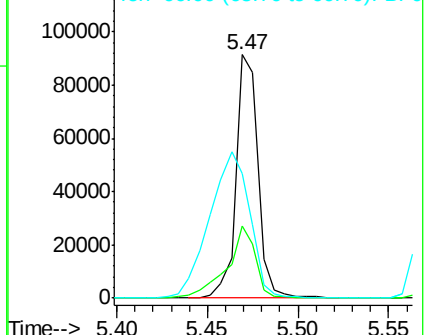
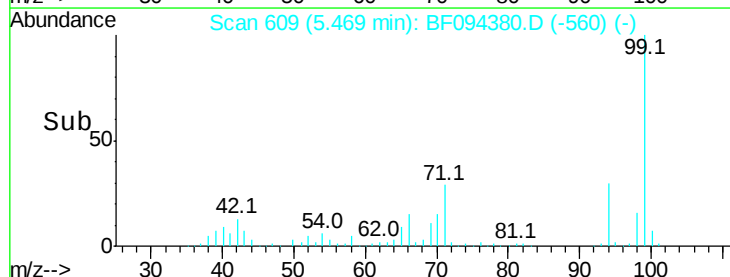


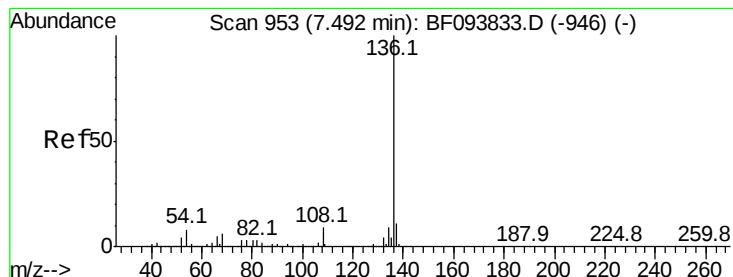
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

B-64-S2(8-10)

Tot Ion:136 Resp: 529365

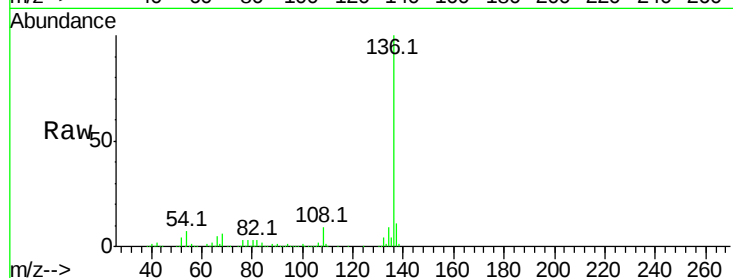
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.9 4.1 6.1

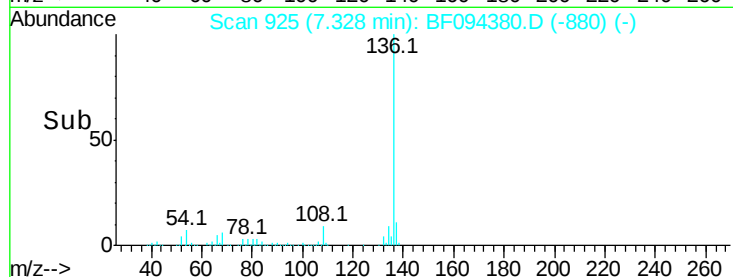


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

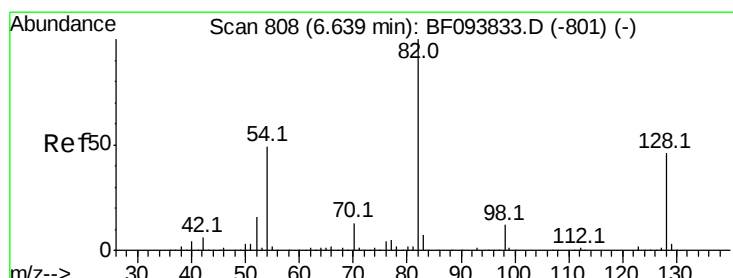
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.33



#23

Nitrobenzene-d5

Concen: 92.68 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

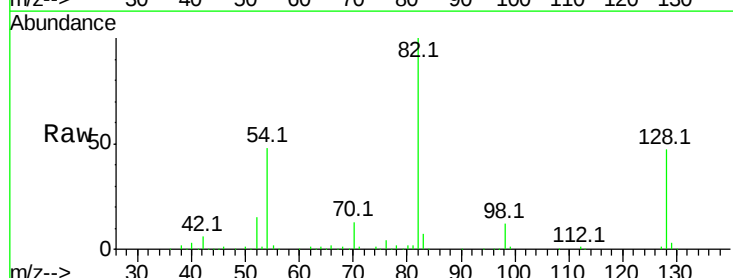
Tgt Ion: 82 Resp: 859720

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

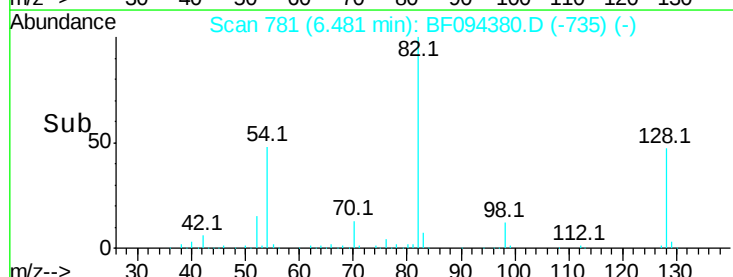
54 48.1 42.2 63.2



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



Time-->

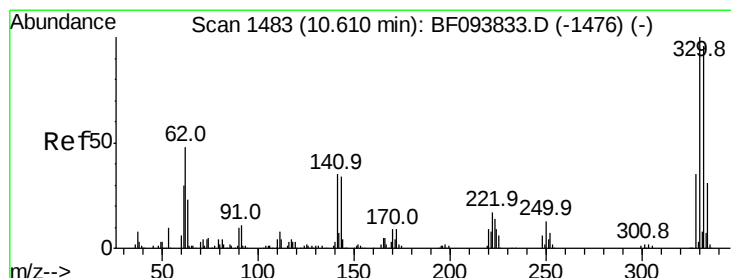
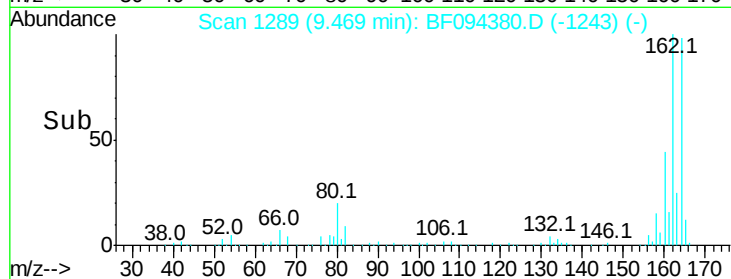
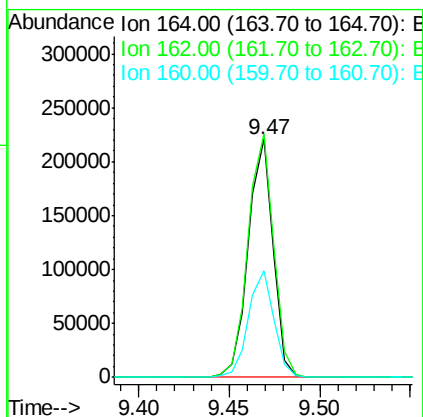
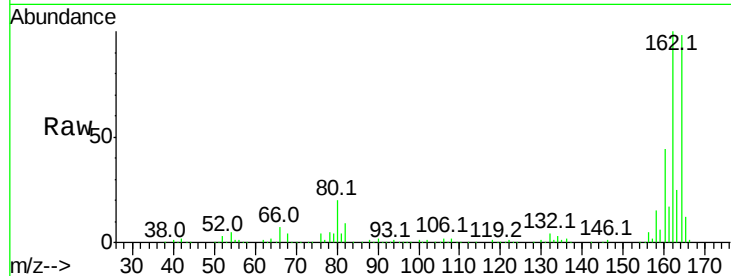
6.48



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

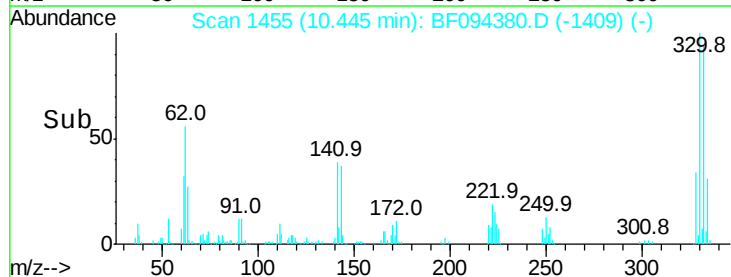
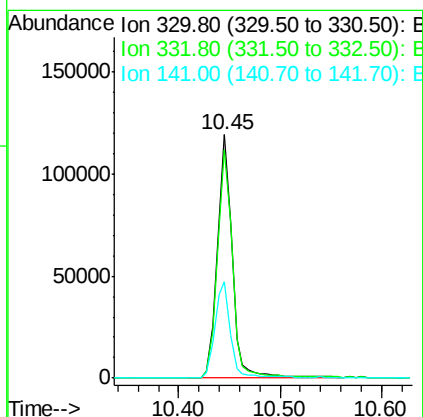
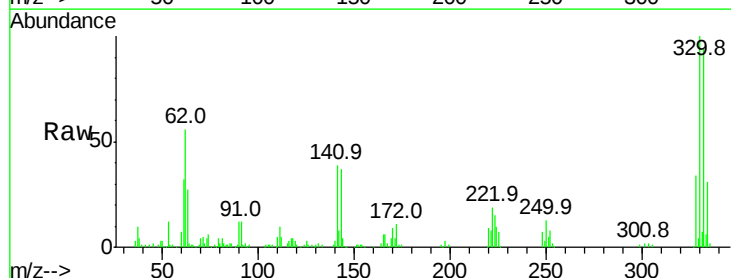
Instrument :
 BNA_F
 ClientSampleId :
 B-64-S2(8-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.8	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 74.11 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	40.5	31.4	47.2



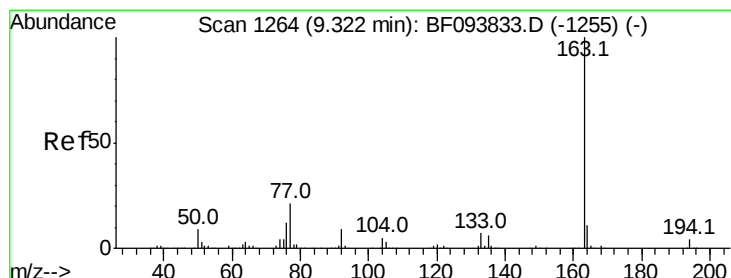
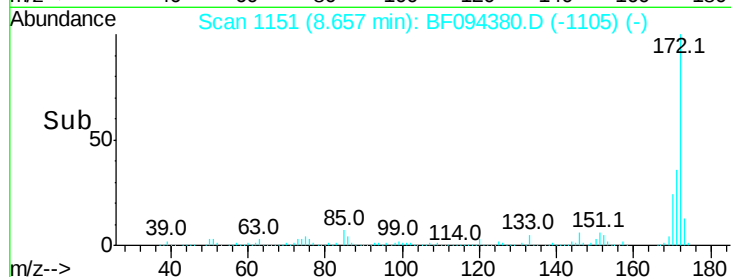
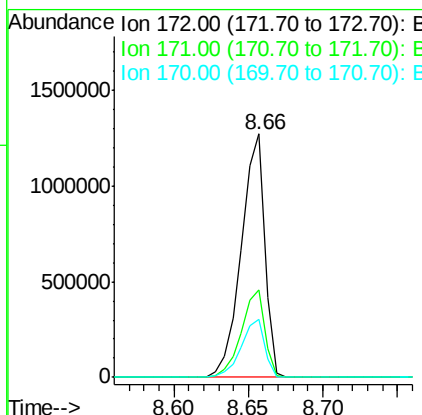
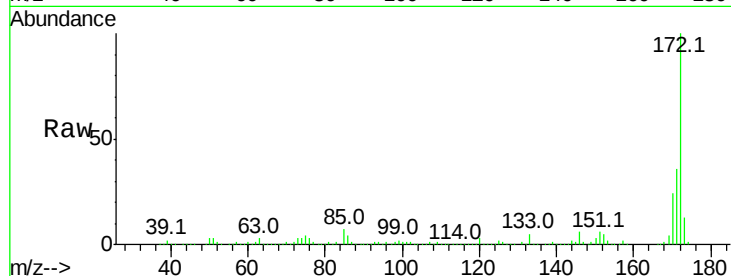


#44
 2-Fluorobiphenyl
 Concen: 100.98 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 B-64-S2(8-10)

Tot Ion:172 Resp: 1389811

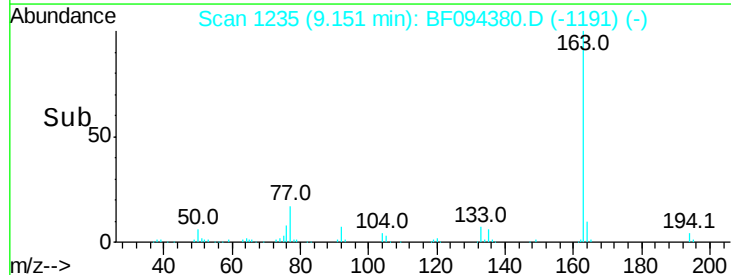
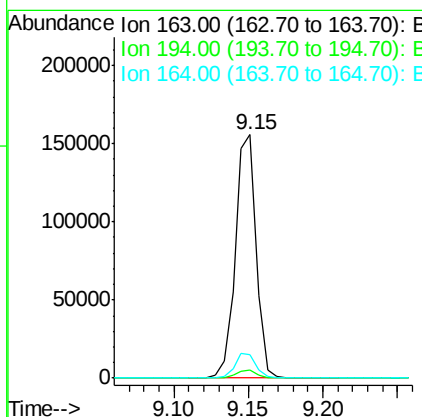
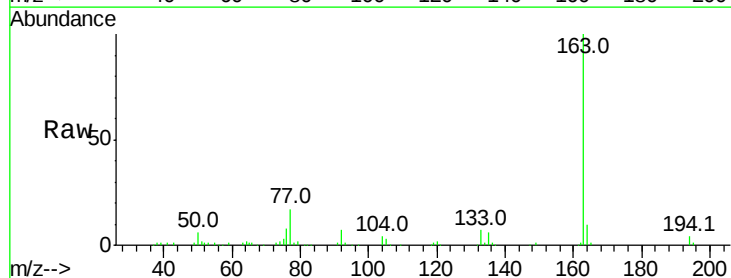
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8

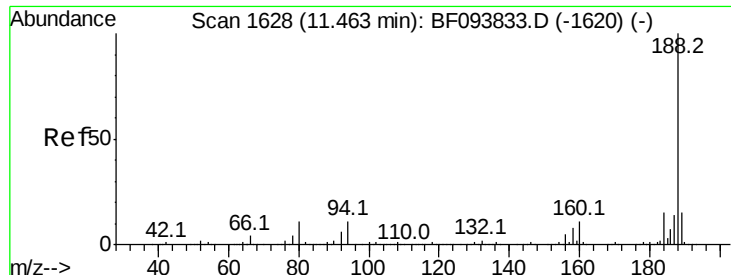


#49
 Dimethylphthalate
 Concen: 10.23 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.04 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Tgt Ion:163 Resp: 152714

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

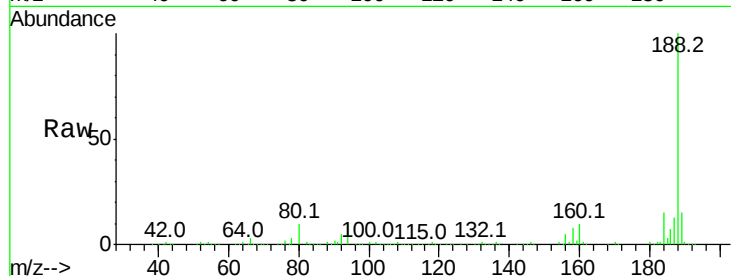




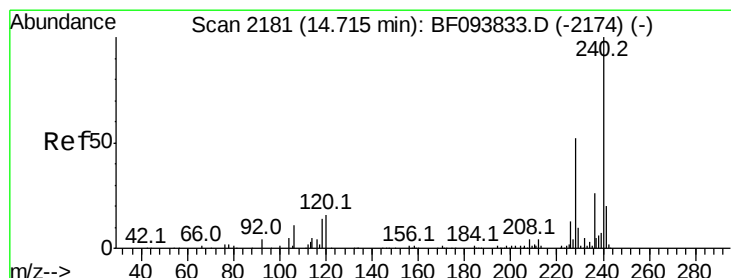
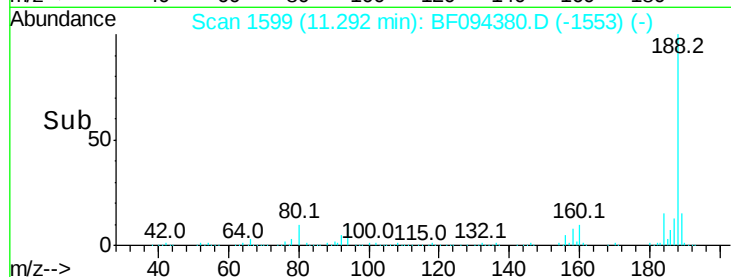
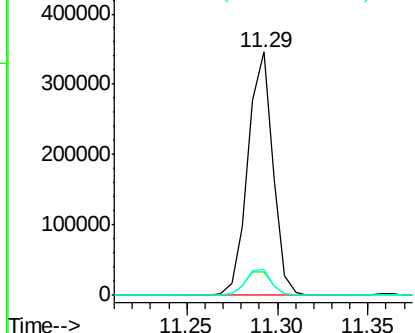
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094380.D
Acq: 12 Apr 2017 6:30

Instrument :
BNA_F
ClientSampleId :
B-64-S2(8-10)

Tot Ion:188 Resp: 330467
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.4 10.2 15.2

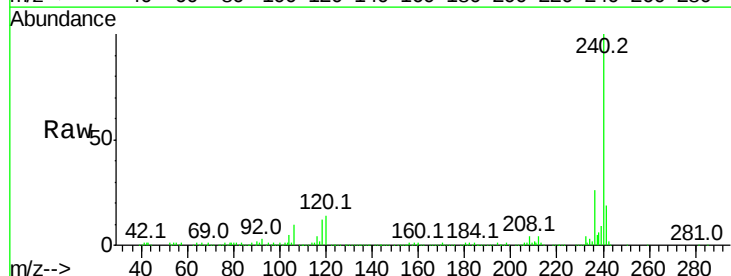


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

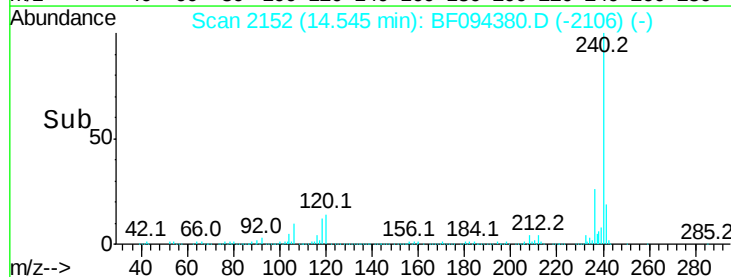
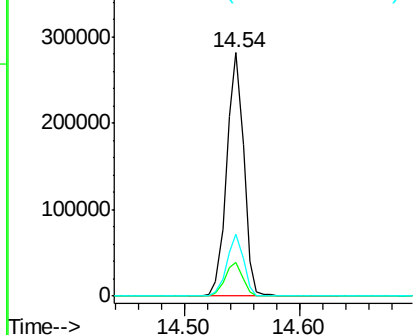


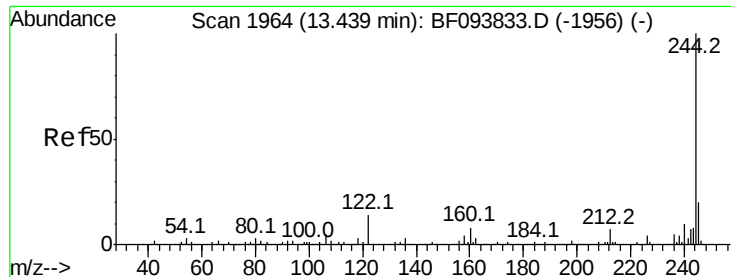
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094380.D
Acq: 12 Apr 2017 6:30

Tgt Ion:240 Resp: 288517
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.5 20.5 30.7



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: 74.58 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

B-64-S2(8-10)

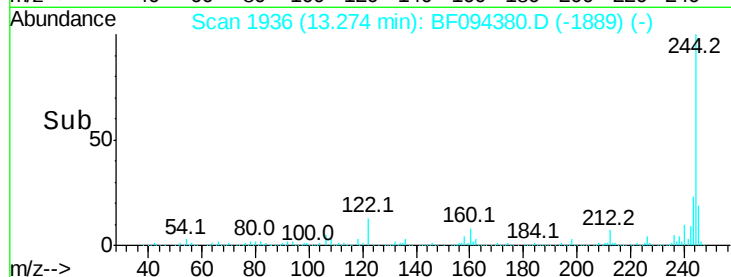
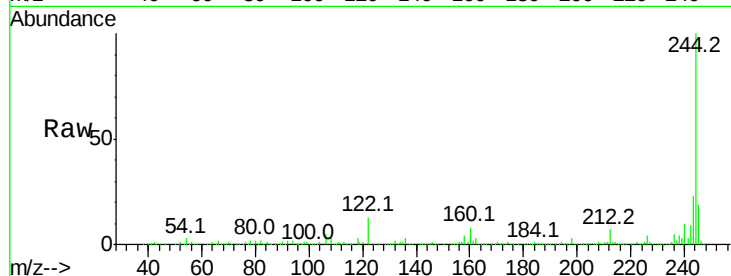
Tot Ion:244 Resp: 959987

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

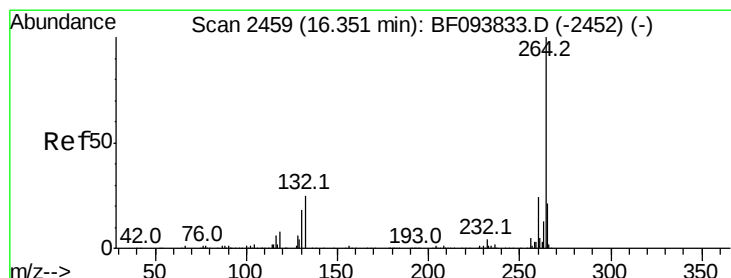
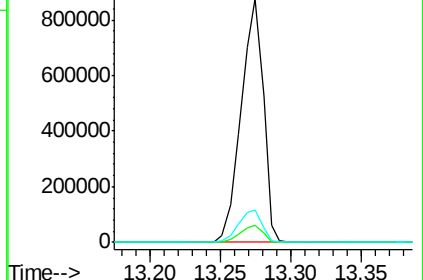
122 13.4 10.3 15.5



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: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

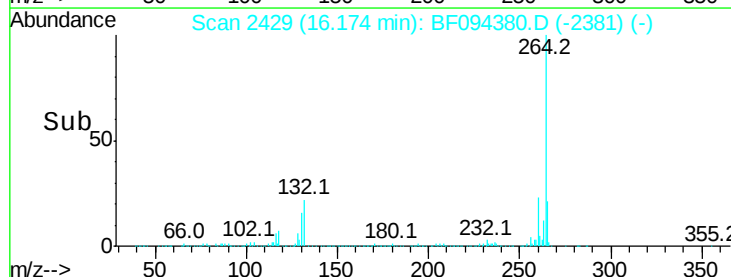
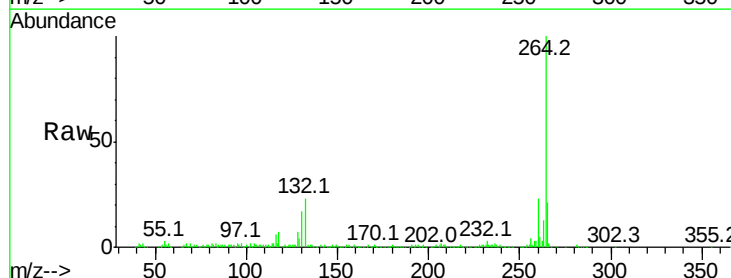
Tgt Ion:264 Resp: 207796

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.7 17.2 25.8



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

