

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093154.D
 Acq On : 24 Feb 2017 19:41
 Operator : SJ/MA
 Sample : I1957-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(10-11)20170221

Quant Time: Feb 24 22:26:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

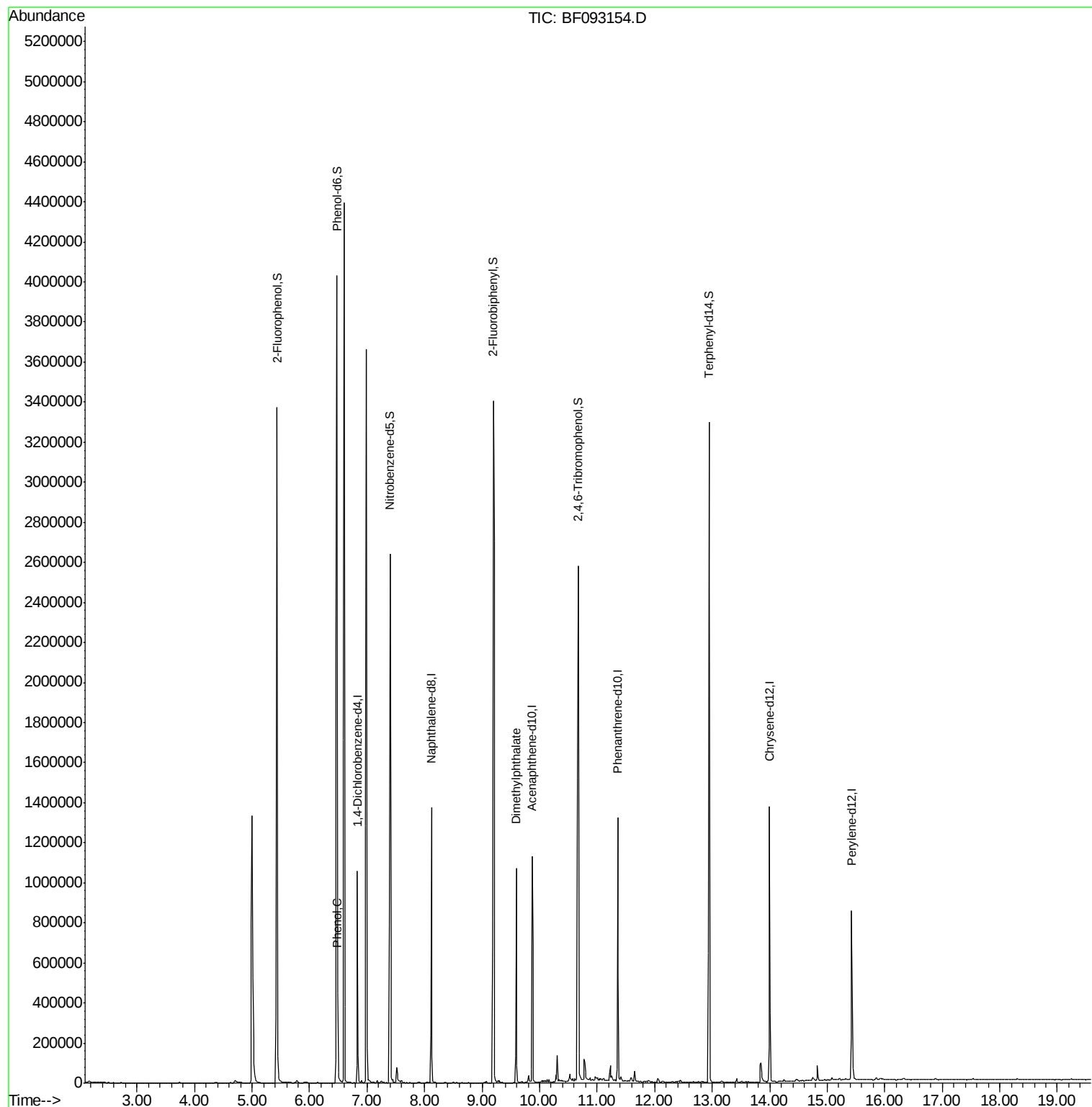
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	150039	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	593324	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	276940	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	522625	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	485747	20.00	ng	-0.02
86) Perylene-d12	15.43	264	386280	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1383385	158.18	ng	-0.01
7) Phenol-d6	6.48	99	1582195	140.61	ng	-0.01
23) Nitrobenzene-d5	7.40	82	973264	91.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	342107	170.80	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1636125	107.03	ng	-0.02
78) Terphenyl-d14	12.94	244	1492901	72.21	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	53823	4.09	ng	Qvalue # 70
49) Dimethylphthalate	9.60	163	408378	21.89	ng	100

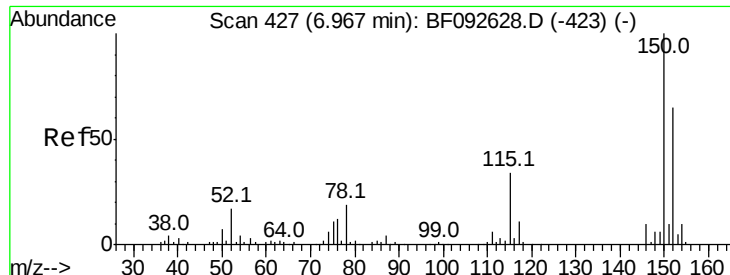
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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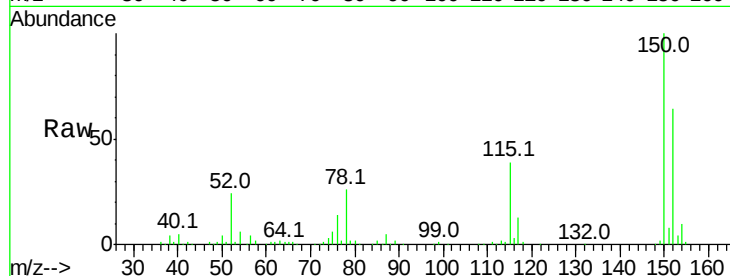


#1

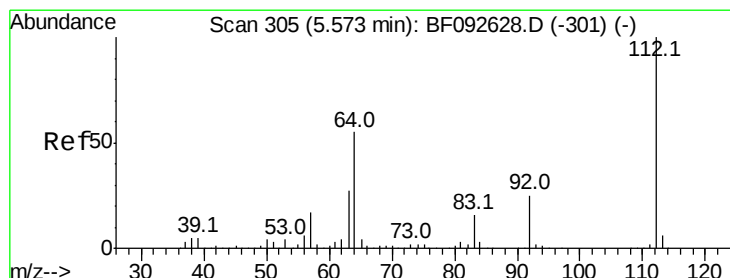
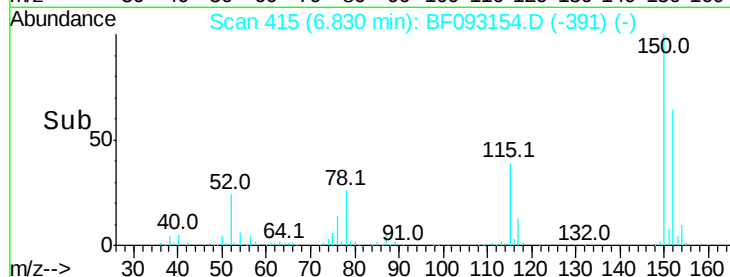
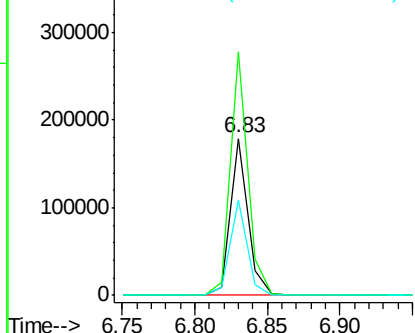
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093154.D
 Acq: 24 Feb 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(10-11)20170221

Tot Ion:152 Resp: 150039
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 60.9 46.0 69.0



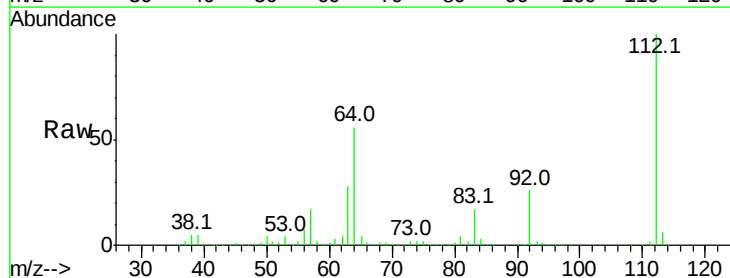
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



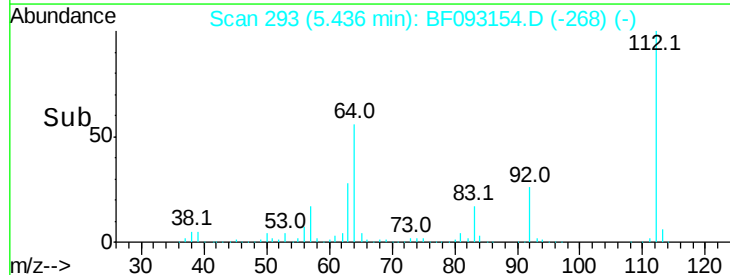
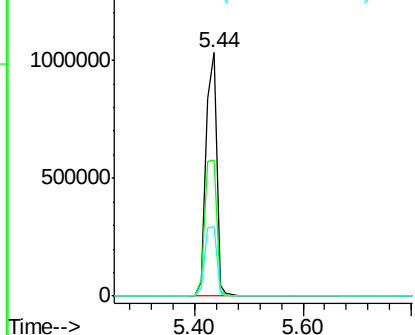
#5

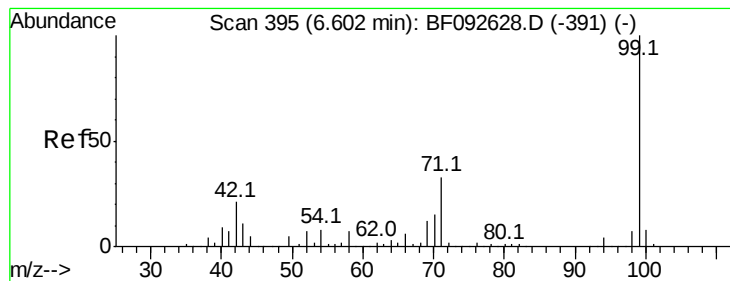
2-Fluorophenol
 Concen: 158.18 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093154.D
 Acq: 24 Feb 2017 19:41

Tgt Ion:112 Resp: 1383385
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.1 69.1
 63 28.3 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: 140.61 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(10-11)20170221

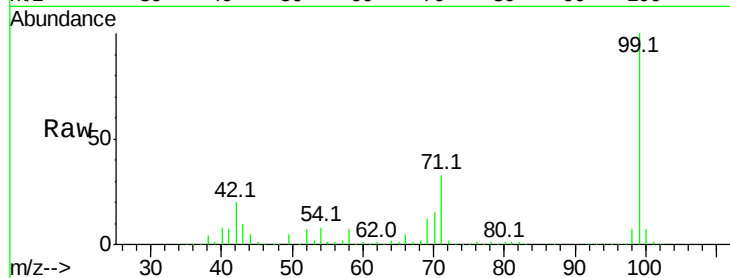
Tot Ion: 99 Resp: 1582195

Ion Ratio Lower Upper

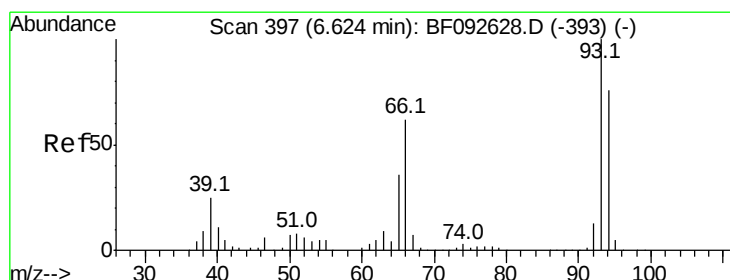
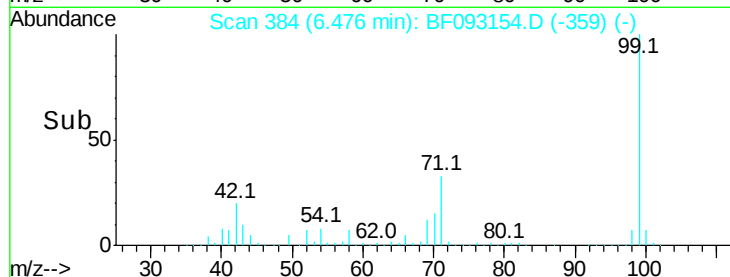
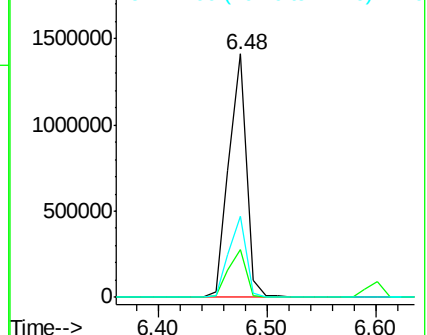
99 100

42 19.8 15.6 23.4

71 33.3 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



#10

Phenol

Concen: 4.09 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

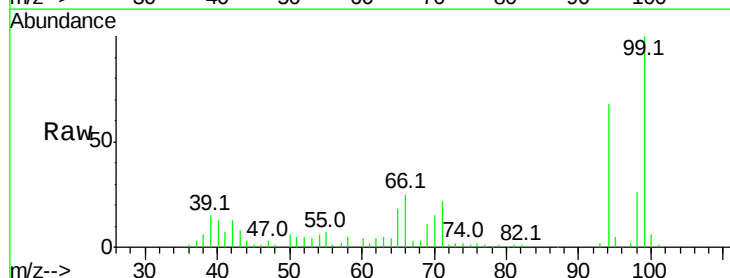
Tgt Ion: 94 Resp: 53823

Ion Ratio Lower Upper

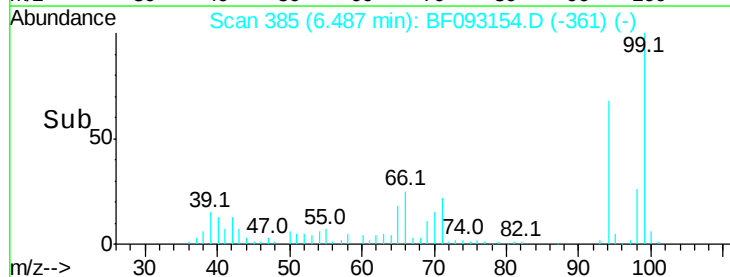
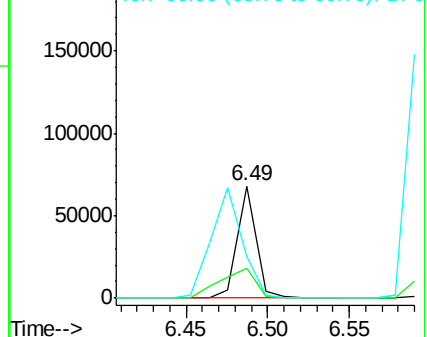
94 100

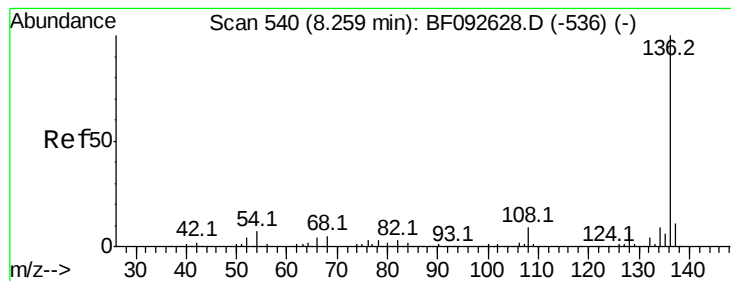
65 27.0 21.4 61.4

66 37.4 44.0 84.0#



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(10-11)20170221

Tot Ion:136 Resp: 593324

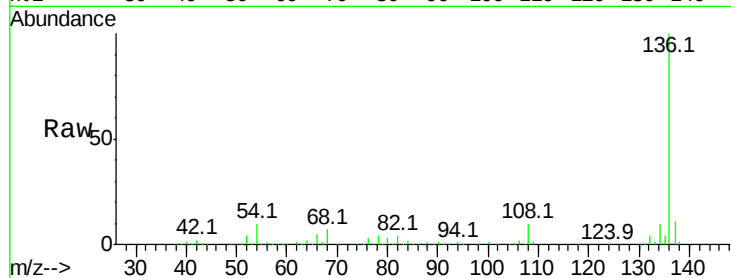
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.5 4.5 6.7#

68 7.0 3.6 5.4#

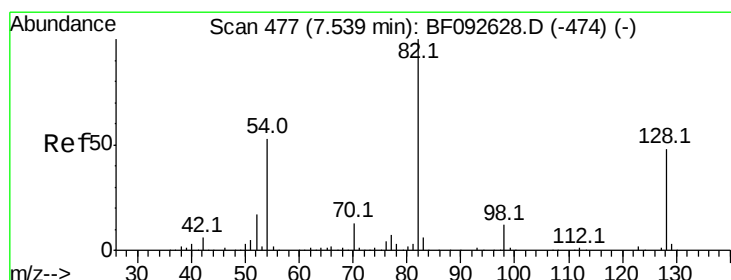
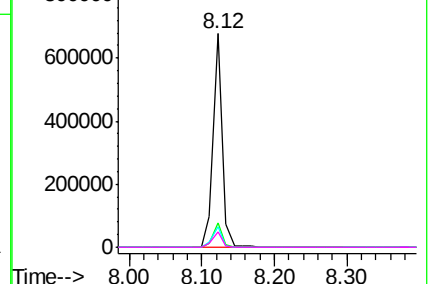
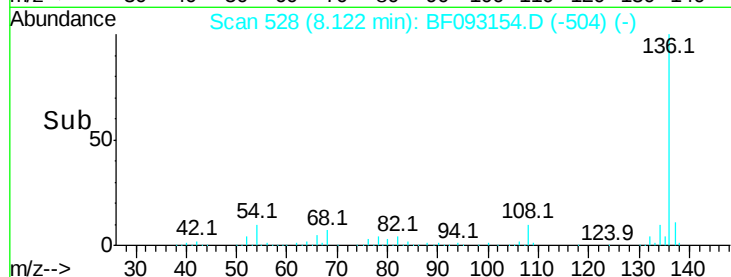


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.35 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

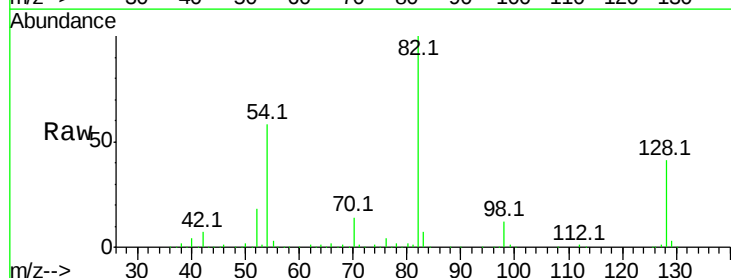
Tgt Ion: 82 Resp: 973264

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

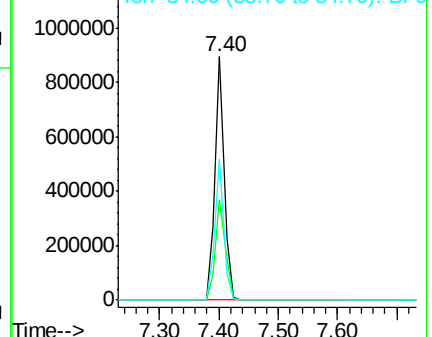
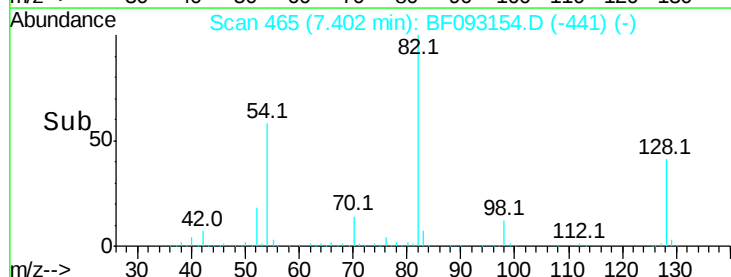
54 57.7 39.5 59.3



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

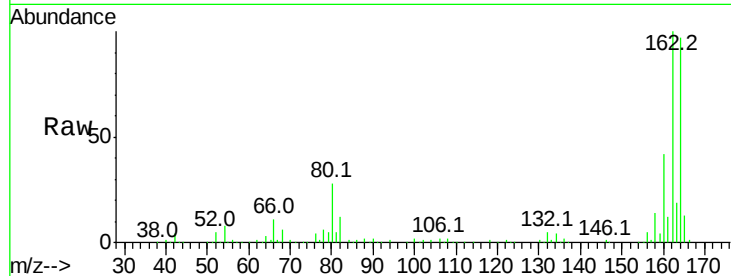




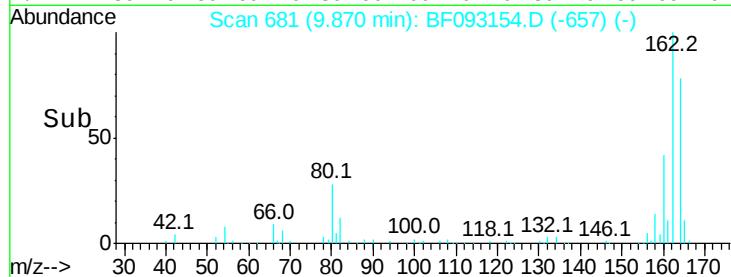
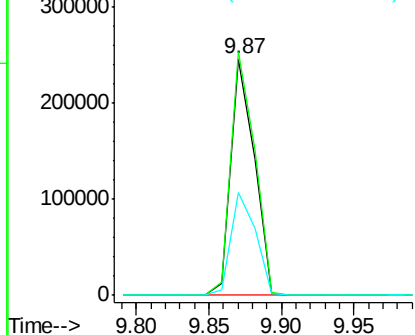
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(10-11)20170221

Tot Ion:164 Resp: 276940
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 43.5 36.9 55.3

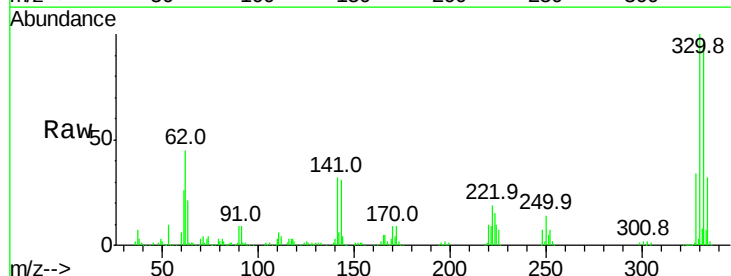


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

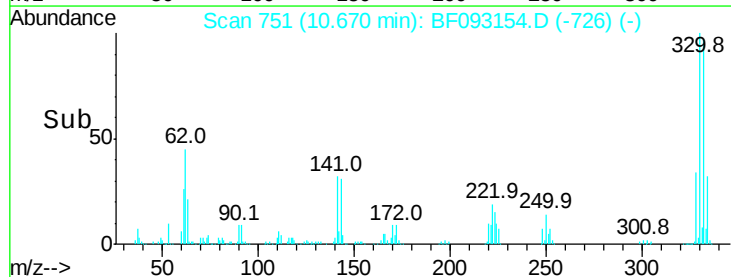
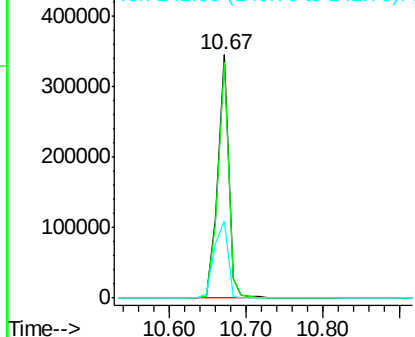


#41
2,4,6-Tribromophenol
Concen: 170.80 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Tgt Ion:330 Resp: 342107
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 39.6 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

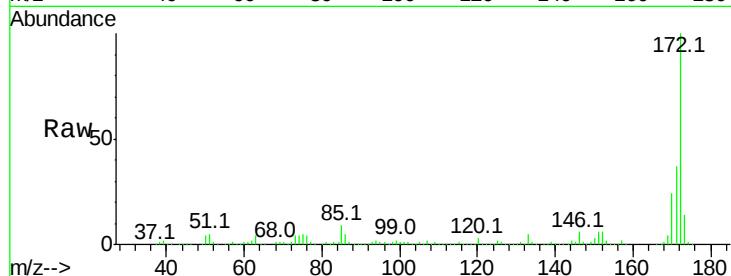




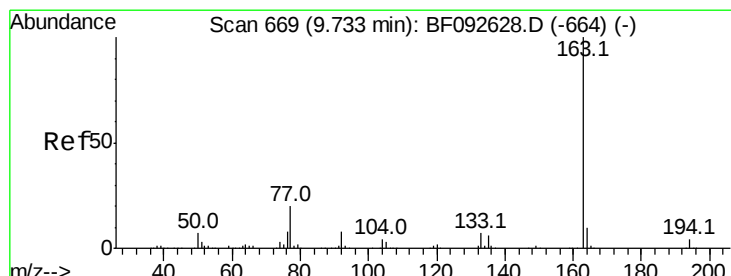
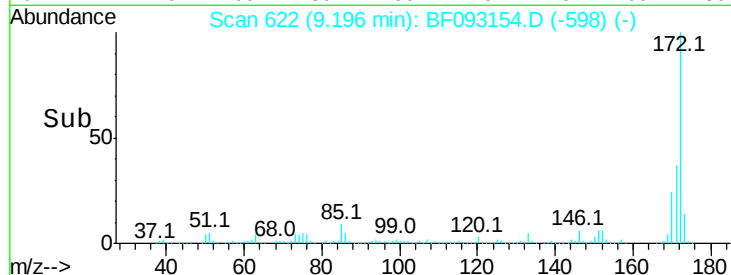
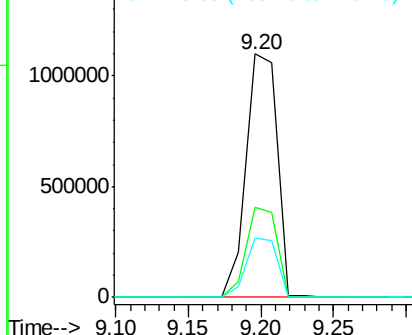
#44
2-Fluorobiphenyl
Concen: 107.03 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 1636125
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.4 20.2 30.4

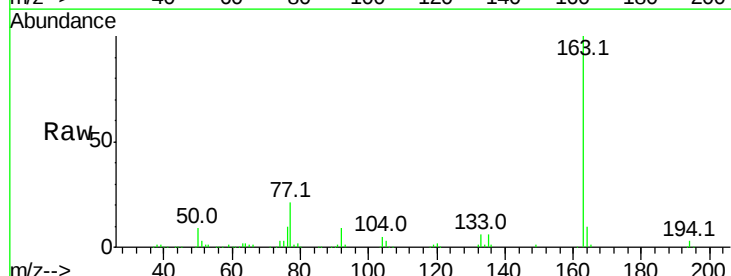


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

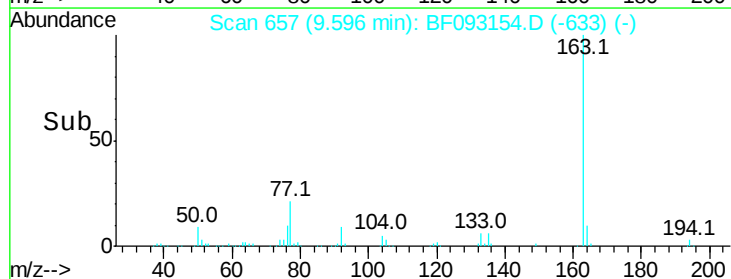
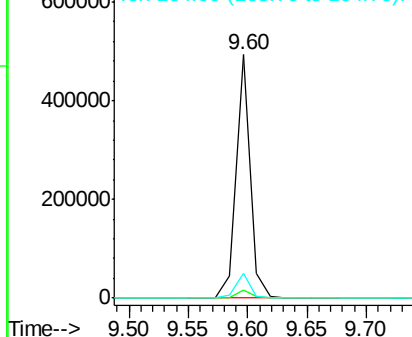


#49
Dimethylphthalate
Concen: 21.89 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Tgt Ion:163 Resp: 408378
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

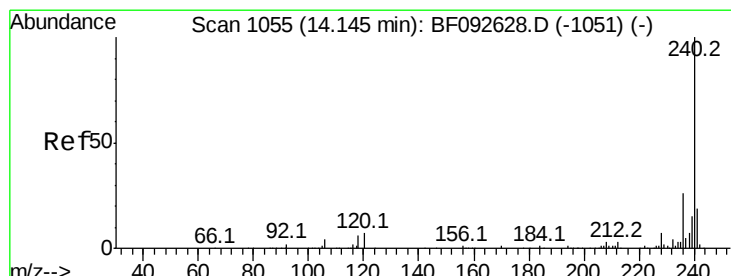
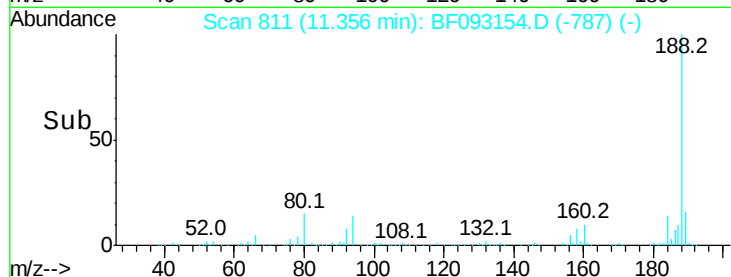
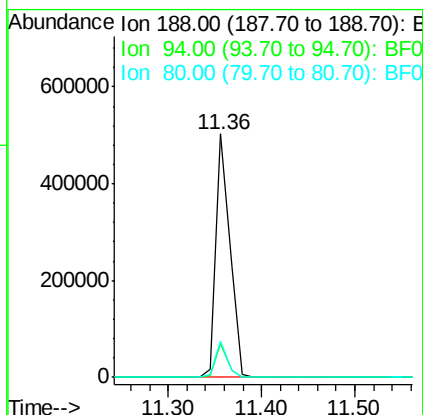
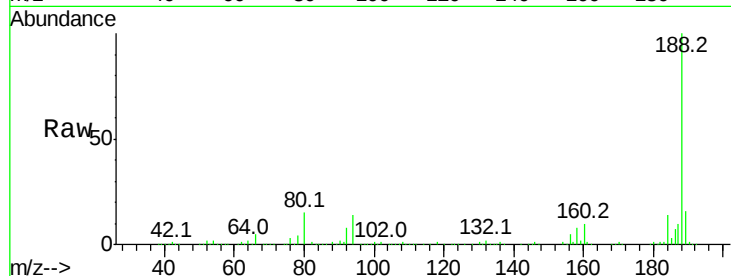




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

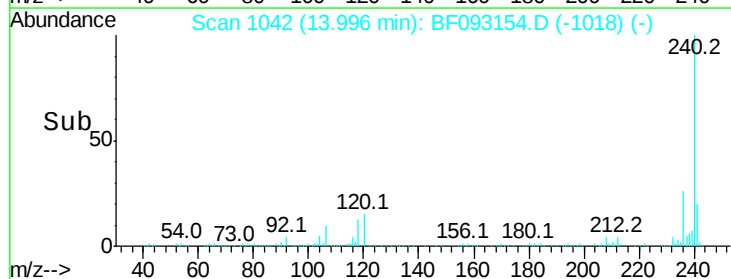
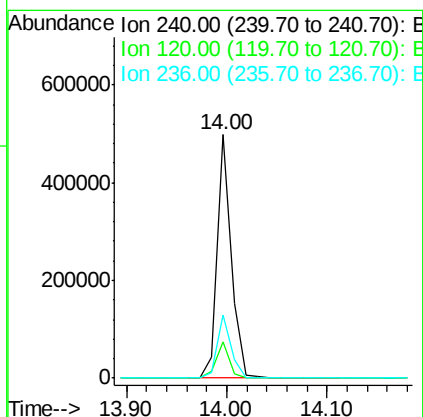
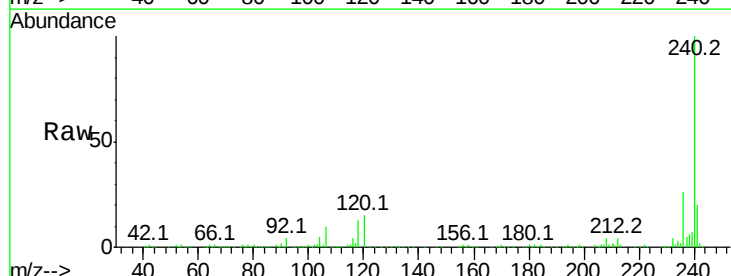
Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(10-11)20170221

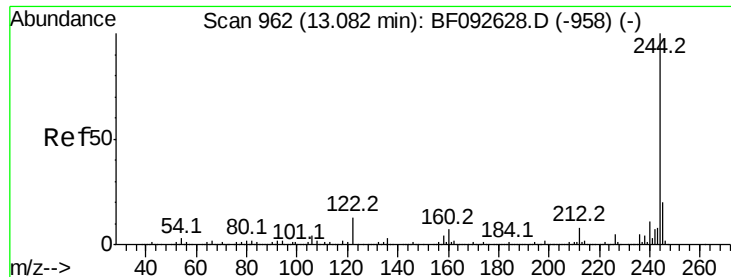
Tot Ion:188 Resp: 522625
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Tgt Ion:240 Resp: 485747
Ion Ratio Lower Upper
240 100
120 15.0 12.9 19.3
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 72.21 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(10-11)20170221

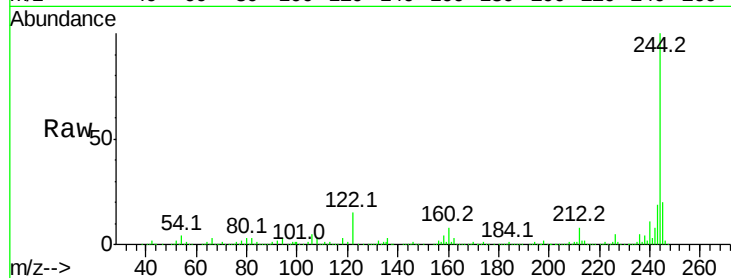
Tot Ion:244 Resp: 1492901

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

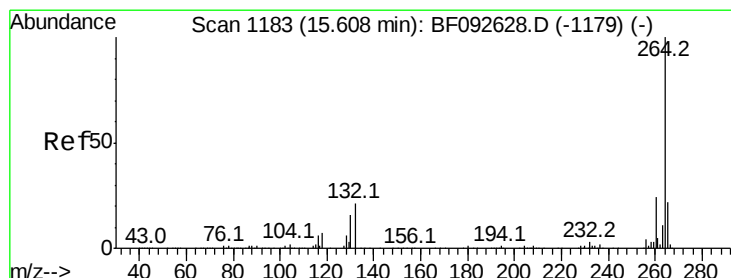
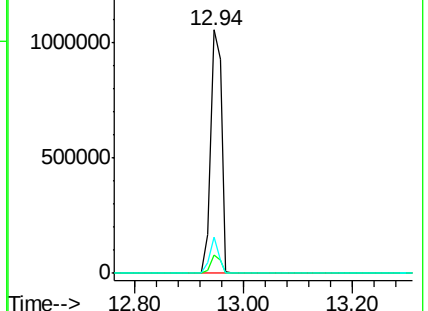
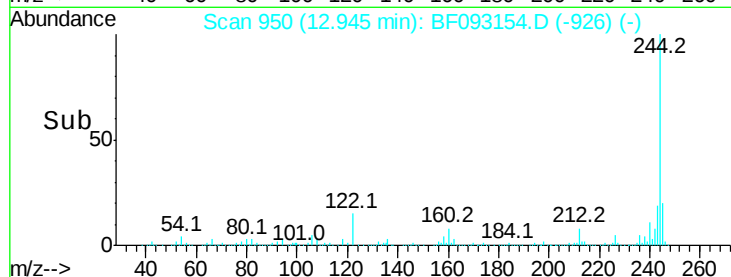
122 14.9 11.4 17.2



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

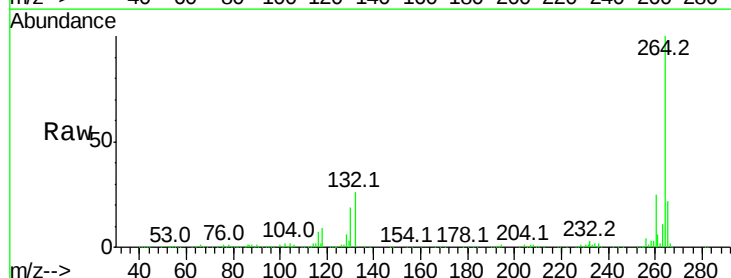
Tgt Ion:264 Resp: 386280

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.8 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

