

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093155.D
 Acq On : 24 Feb 2017 20:10
 Operator : SJ/MA
 Sample : I1957-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Quant Time: Feb 24 22:28:25 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

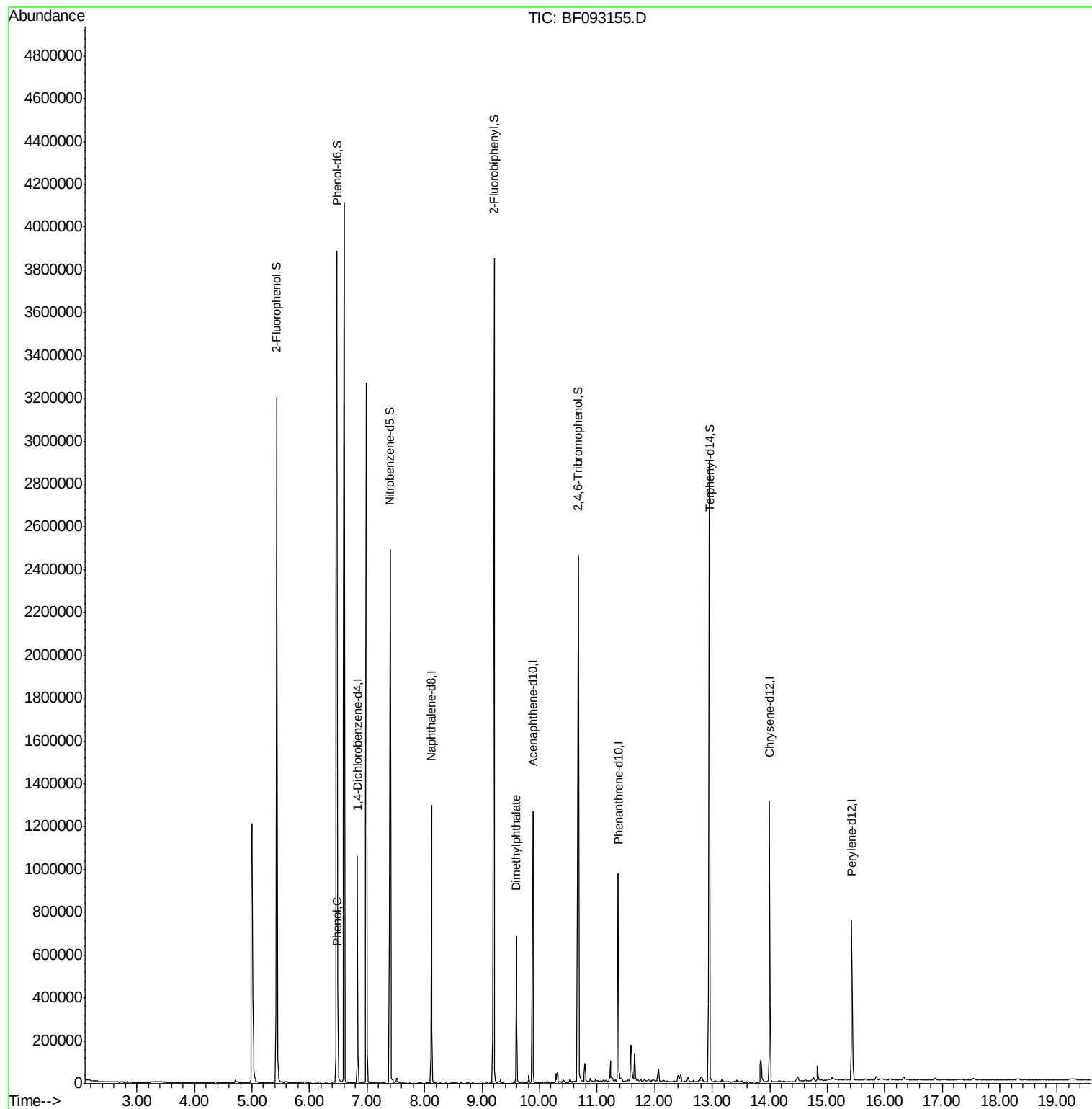
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147774	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565560	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	286859	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	526152	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	454702	20.00	ng	-0.02
86) Perylene-d12	15.43	264	341083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1190713	138.24	ng	-0.02
7) Phenol-d6	6.48	99	1530823	138.13	ng	-0.01
23) Nitrobenzene-d5	7.40	82	870847	85.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	287235	138.44	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1438013	90.82	ng	-0.01
78) Terphenyl-d14	12.96	244	1312276	67.81	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	93647	7.22	ng	Qvalue # 65
49) Dimethylphthalate	9.60	163	321727	16.65	ng	99

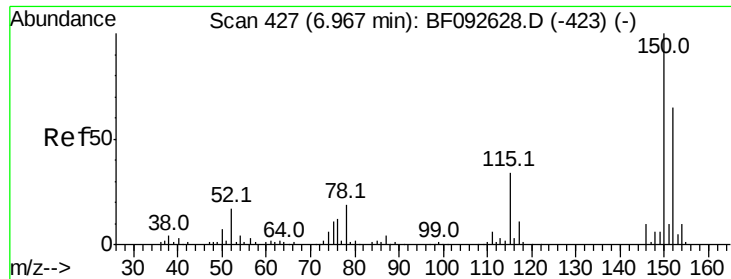
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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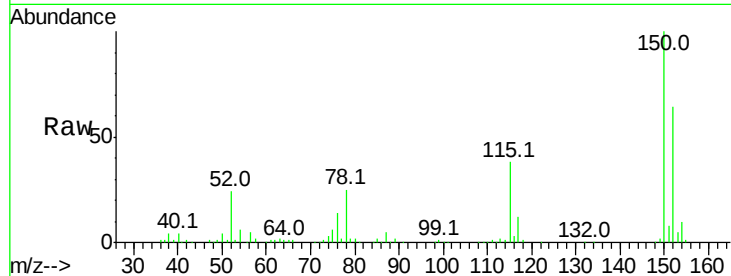


#1

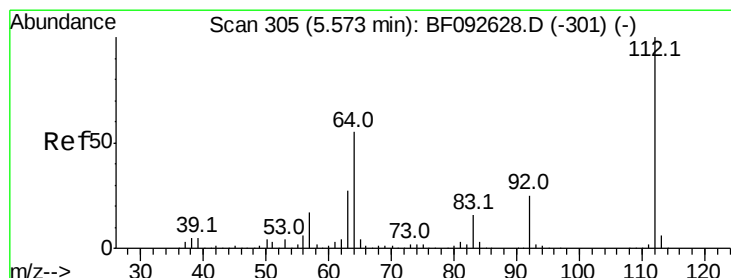
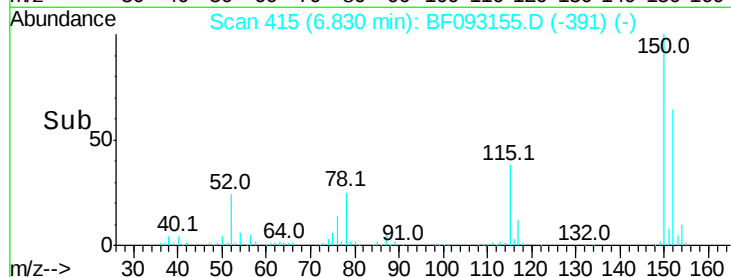
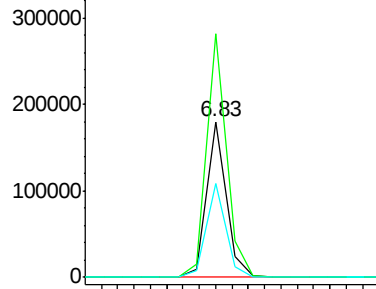
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Tot Ion:152 Resp: 147774
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 60.3 46.0 69.0



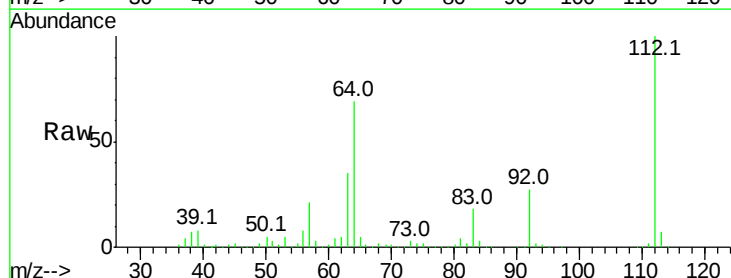
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



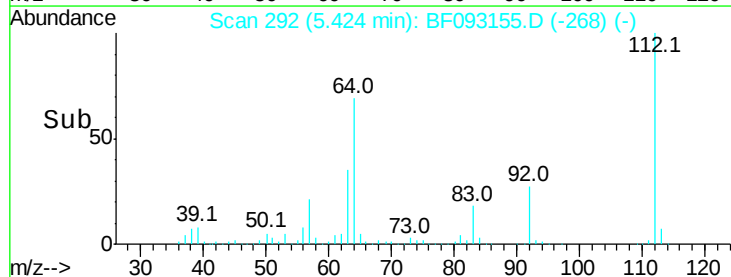
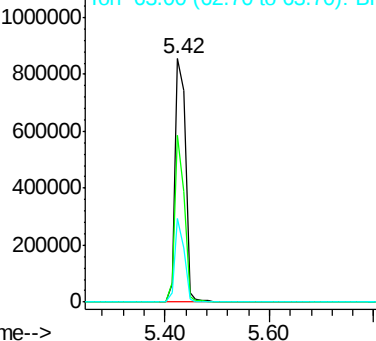
#5

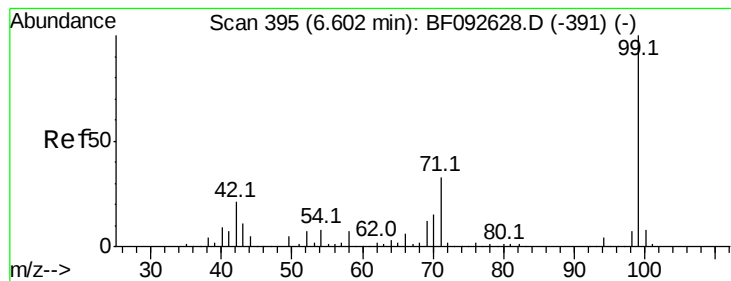
2-Fluorophenol
 Concen: 138.24 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion:112 Resp: 1190713
 Ion Ratio Lower Upper
 112 100
 64 68.6 46.1 69.1
 63 34.5 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: 138.13 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222

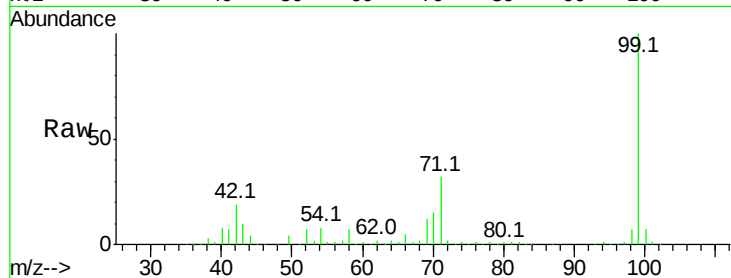
Tot Ion: 99 Resp: 1530823

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

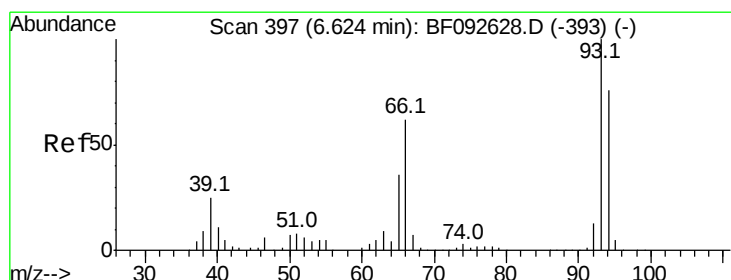
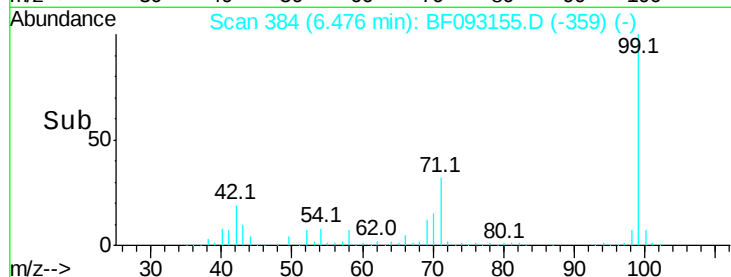
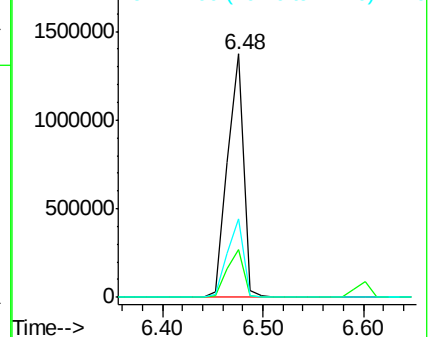
71 32.4 27.5 41.3



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: 7.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

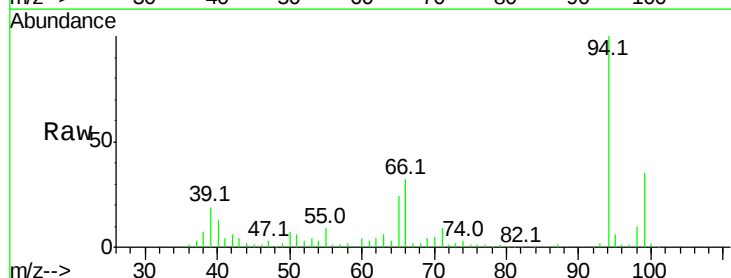
Tgt Ion: 94 Resp: 93647

Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

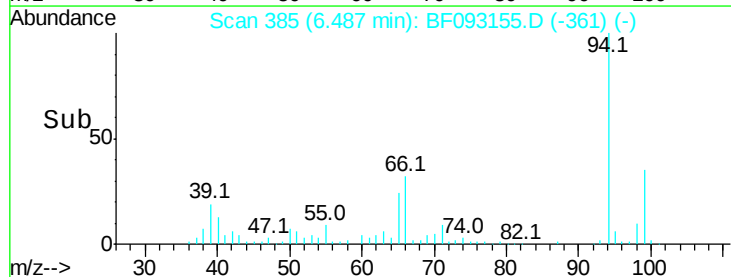
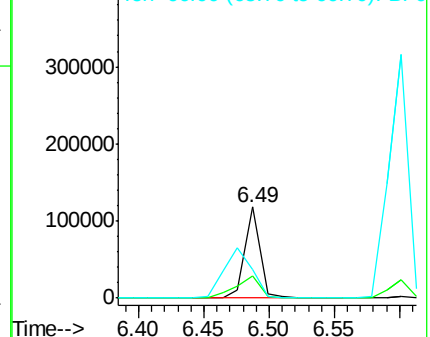
66 32.2 44.0 84.0#



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

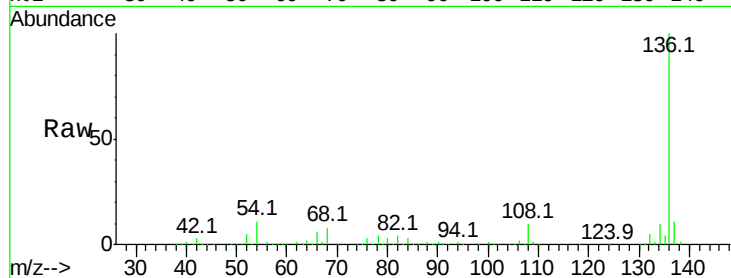




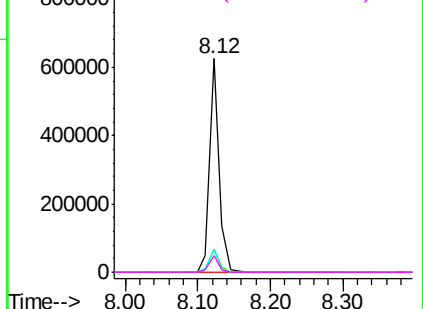
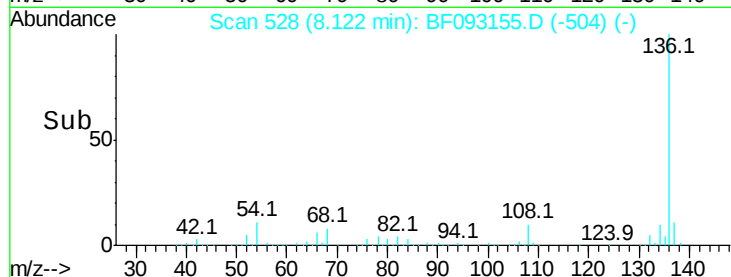
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Tot Ion:	136	Resp:	565560
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	4.5	6.7#
68	7.6	3.6	5.4#

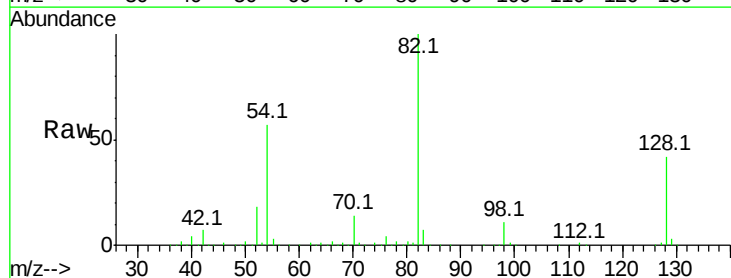


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

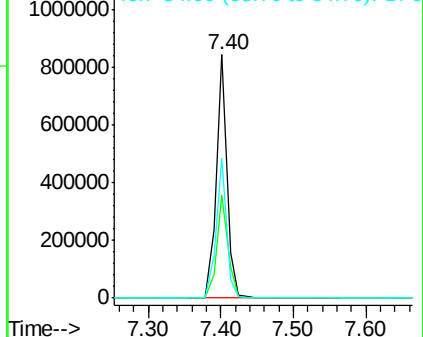
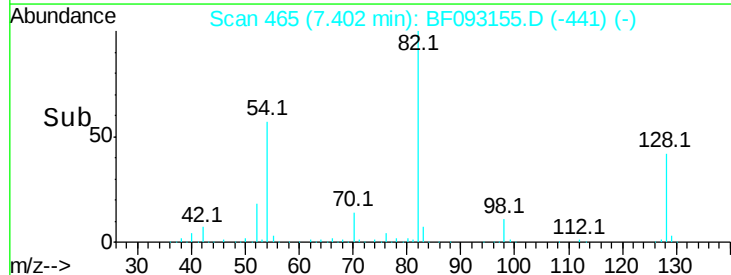


#23
Nitrobenzene-d5
Concen: 85.75 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Tgt Ion:	82	Resp:	870847
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	57.4	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

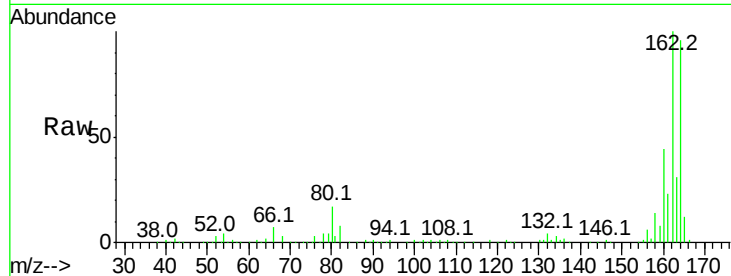




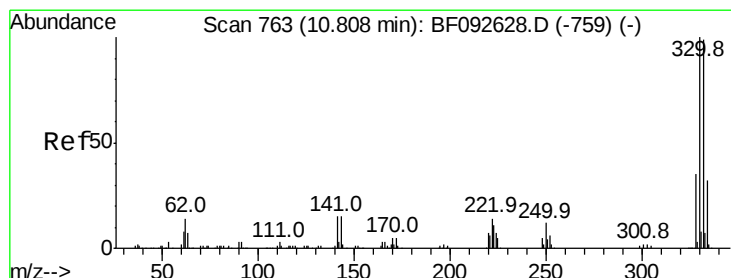
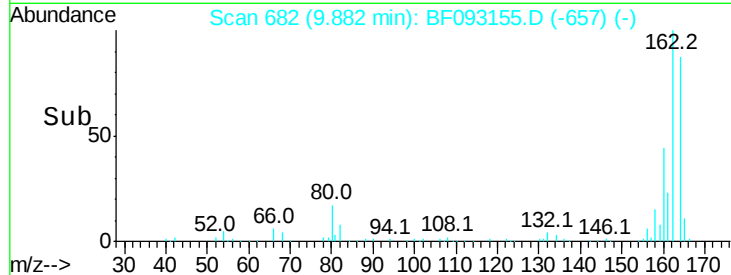
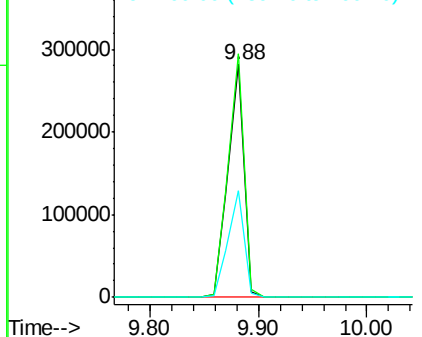
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	45.6	36.9	55.3



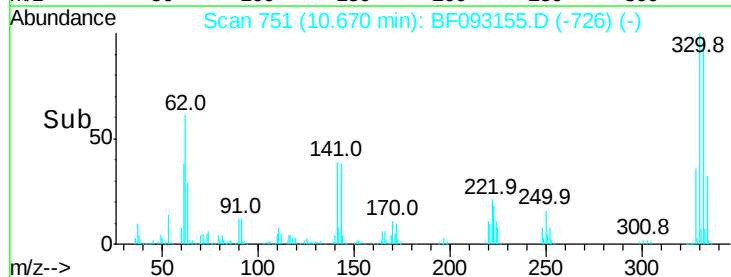
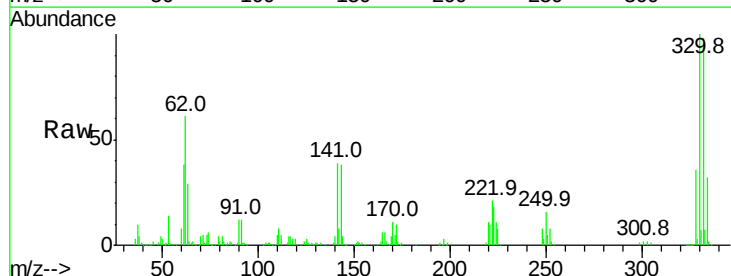
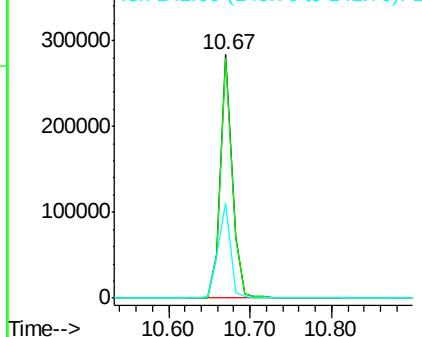
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 138.44 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	40.9	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

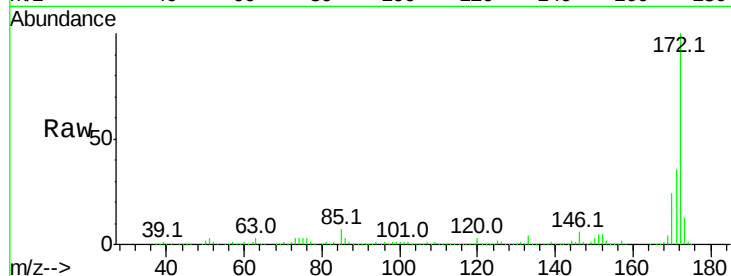




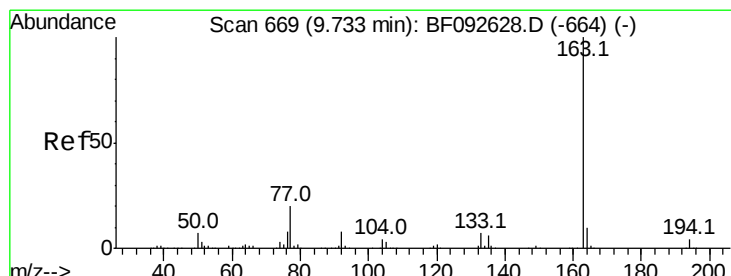
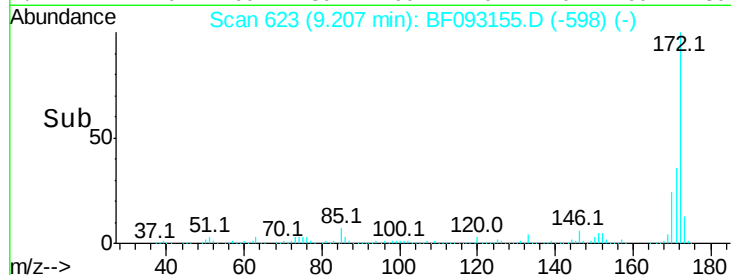
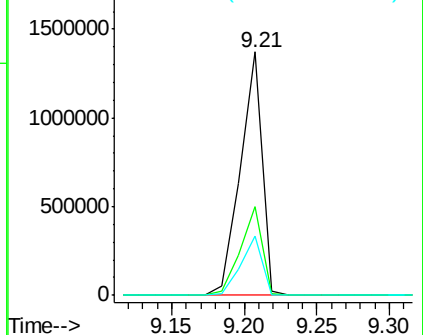
#44
2-Fluorobiphenyl
Concen: 90.82 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Tot Ion:172 Resp: 1438013
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.3 20.2 30.4

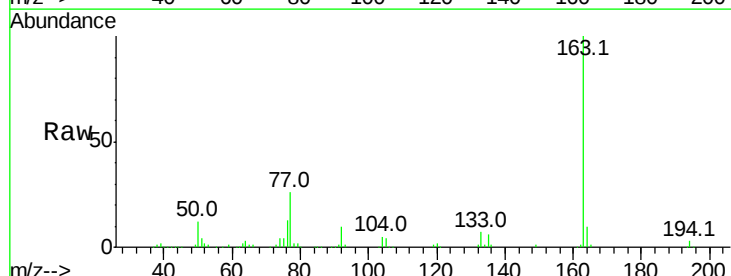


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

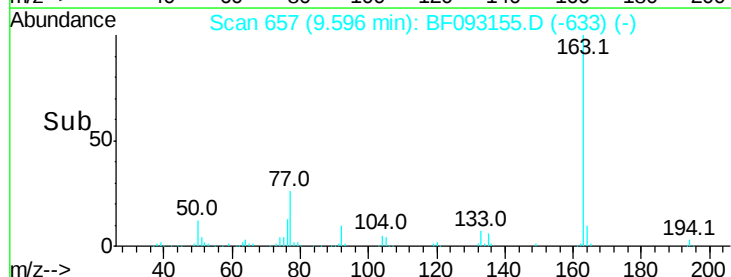
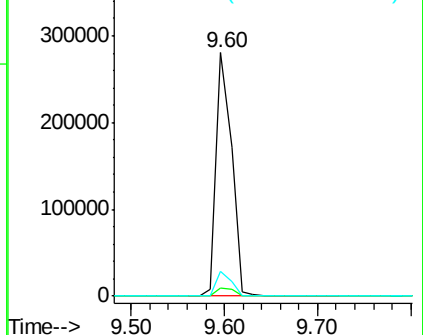


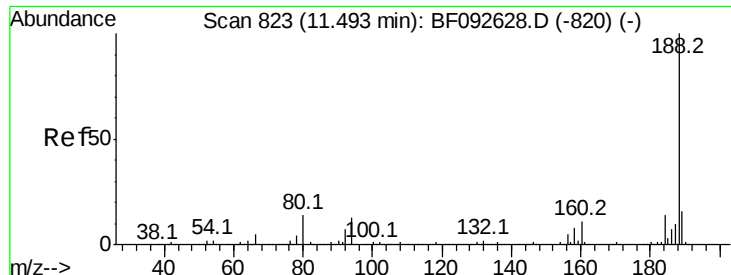
#49
Dimethylphthalate
Concen: 16.65 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Tgt Ion:163 Resp: 321727
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 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

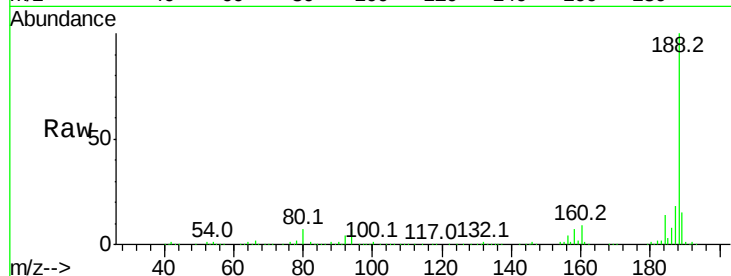




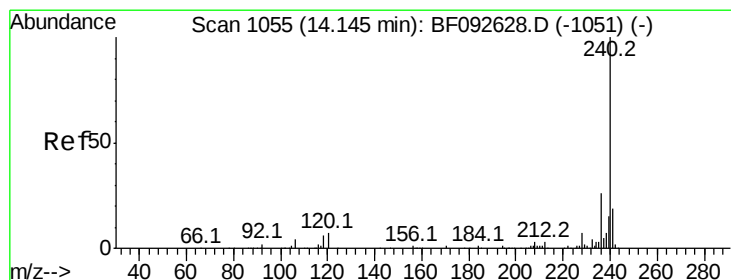
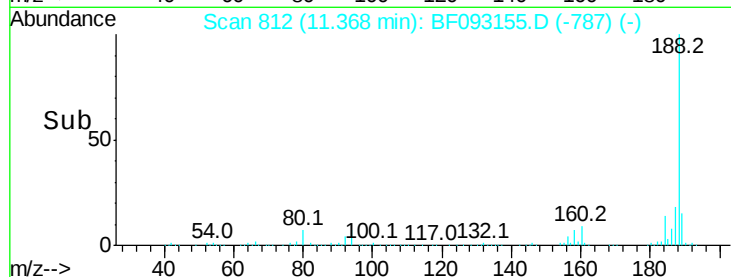
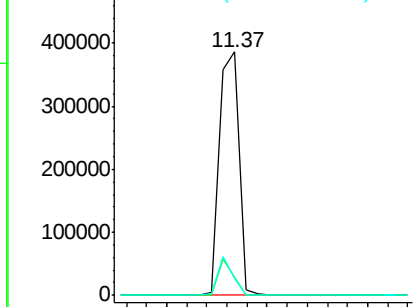
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Tot Ion:188 Resp: 526152
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.2 11.2 16.8#

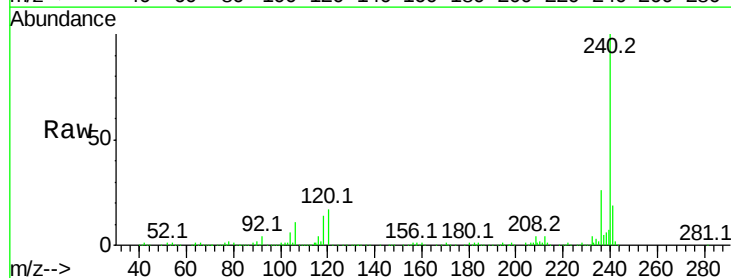


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

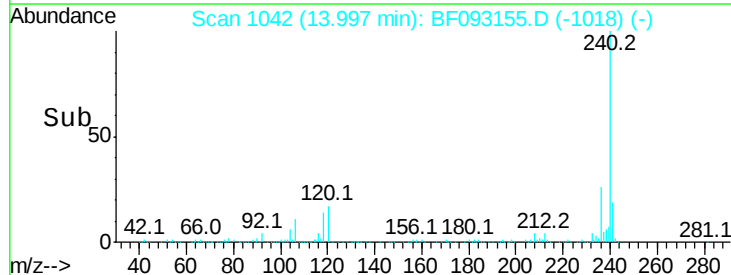
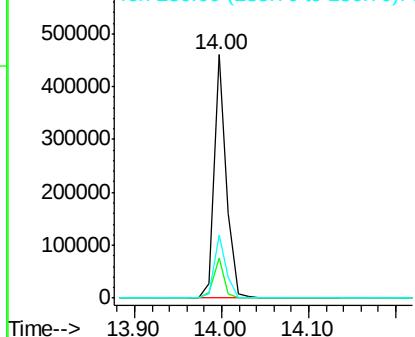


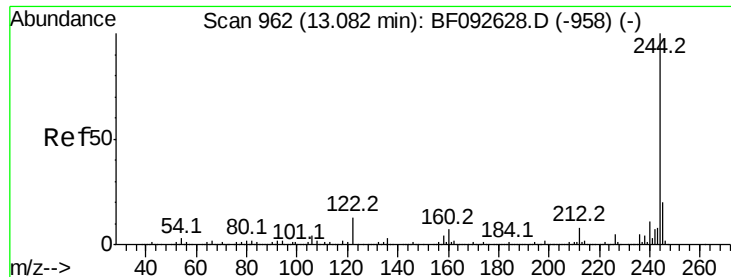
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Tgt Ion:240 Resp: 454702
Ion Ratio Lower Upper
240 100
120 16.5 12.9 19.3
236 25.8 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: 67.81 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222

Tot Ion:244 Resp: 1312276

Ion Ratio Lower Upper

244 100

212 6.4

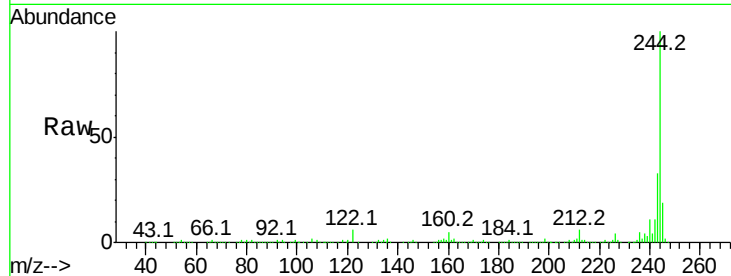
6.2

9.2

122 6.5

11.4

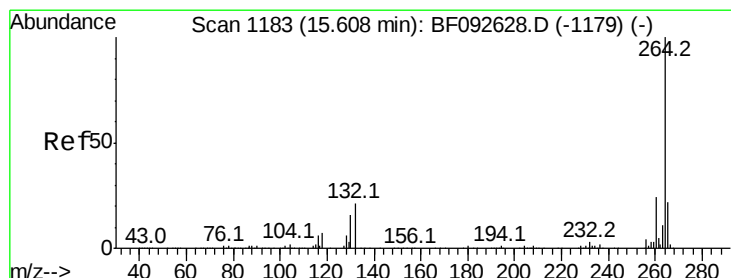
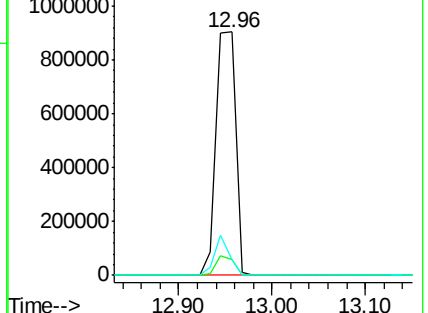
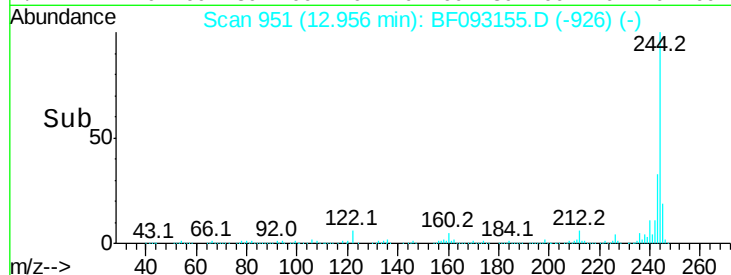
17.2#



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: BF093155.D

Acq: 24 Feb 2017 20:10

Tgt Ion:264 Resp: 341083

Ion Ratio Lower Upper

264 100

260 23.4

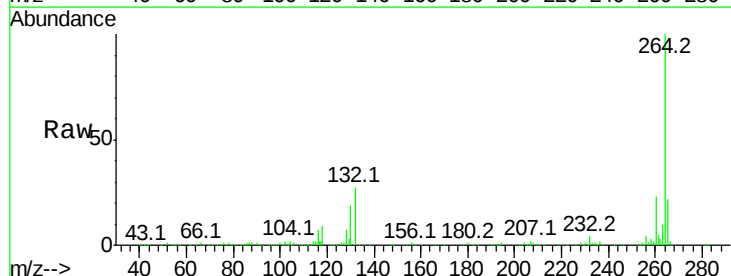
19.2

28.8

265 22.2

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

