

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093350.D
 Acq On : 3 Mar 2017 9:16
 Operator : SJ/MA
 Sample : I2058-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Mar 03 09:58:04 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

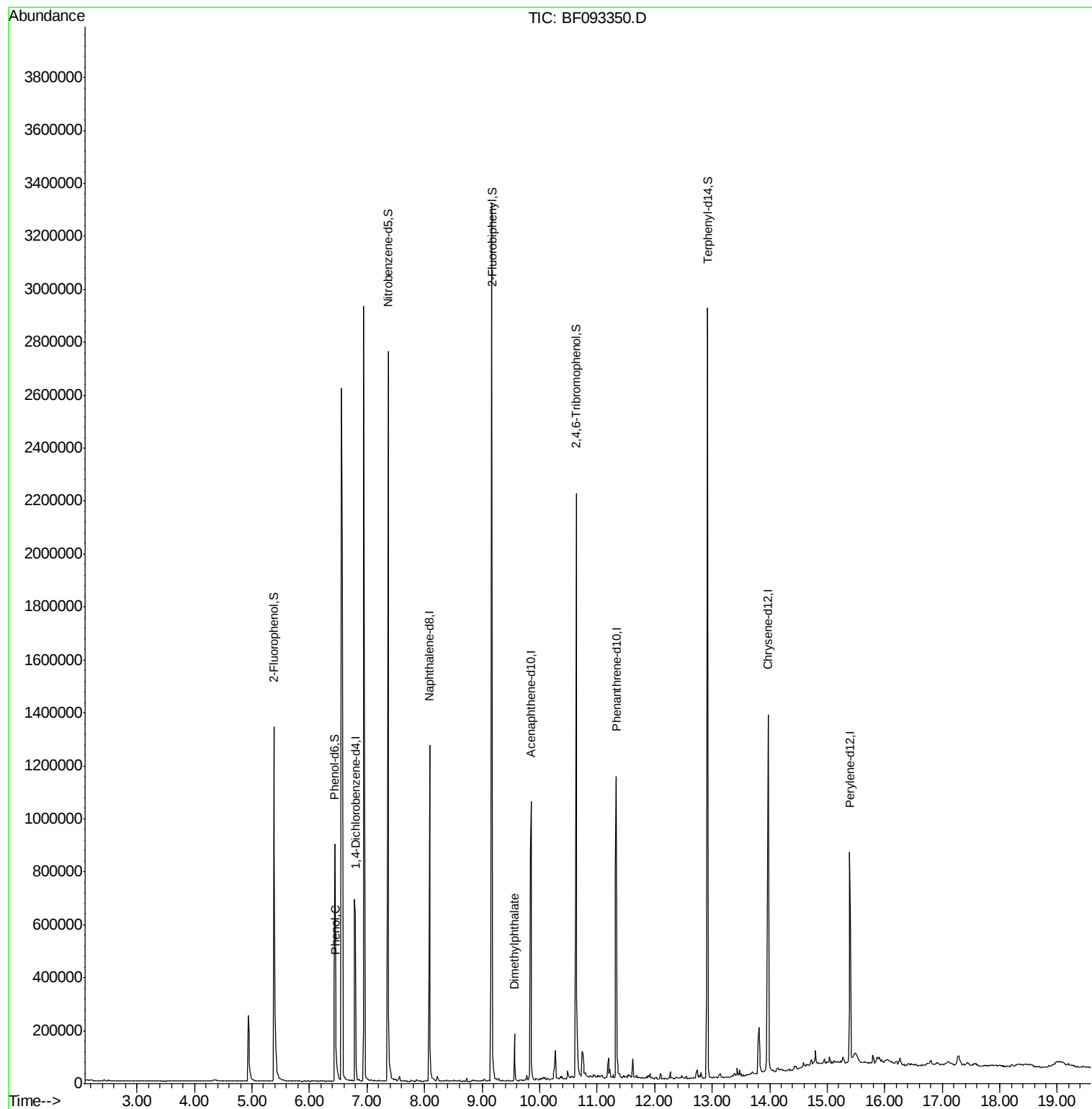
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157331	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	627454	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	291764	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	561585	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	533373	20.00	ng	-0.05
86) Perylene-d12	15.39	264	388605	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	529708	57.76	ng	-0.07
7) Phenol-d6	6.44	99	408162	34.59	ng	-0.05
23) Nitrobenzene-d5	7.37	82	976791	86.69	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	247405	117.24	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1616753	100.39	ng	-0.05
78) Terphenyl-d14	12.92	244	1384725	61.00	ng	-0.05
Target Compounds						
10) Phenol	6.45	94	48987	3.55	ng	Qvalue # 75
49) Dimethylphthalate	9.56	163	78735	4.01	ng	99

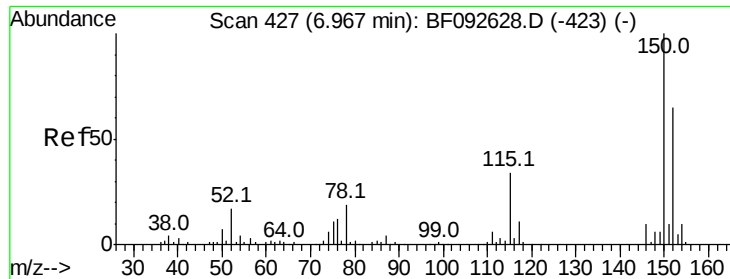
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampleID :

DSN001

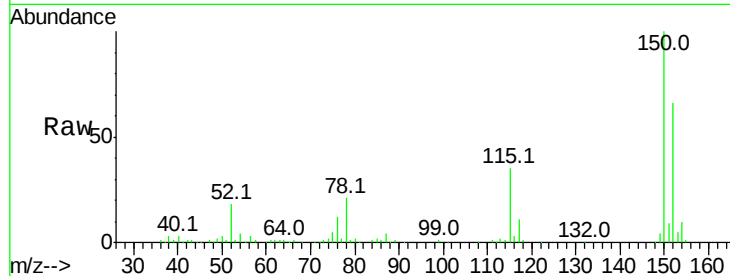
Tot Ion:152 Resp: 157331

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

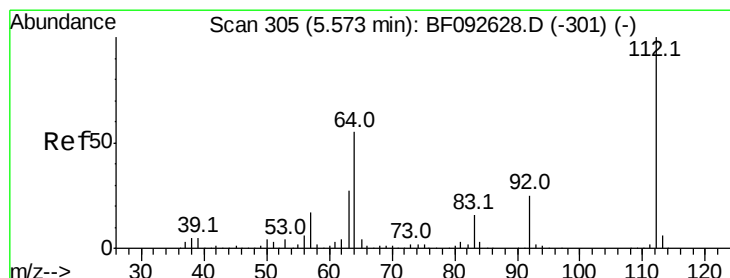
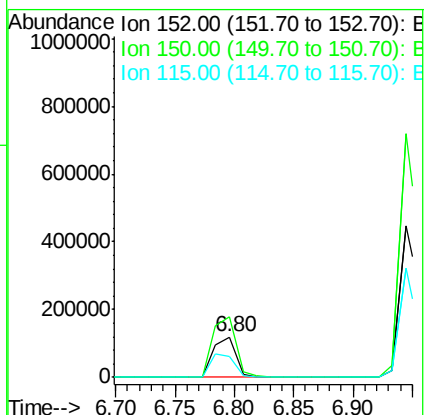
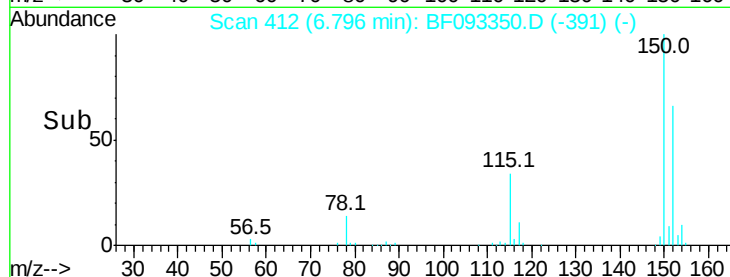
115 52.2 46.0 69.0



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: 57.76 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

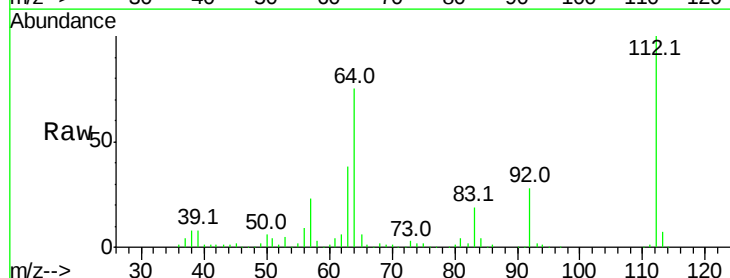
Tgt Ion:112 Resp: 529708

Ion Ratio Lower Upper

112 100

64 75.3 46.1 69.1#

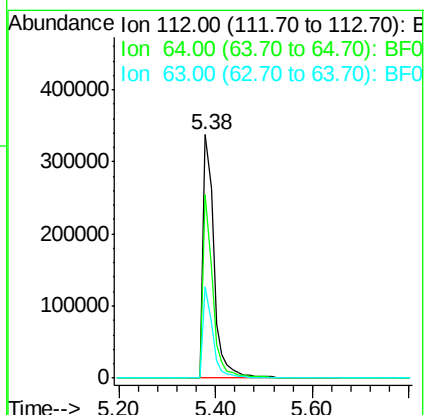
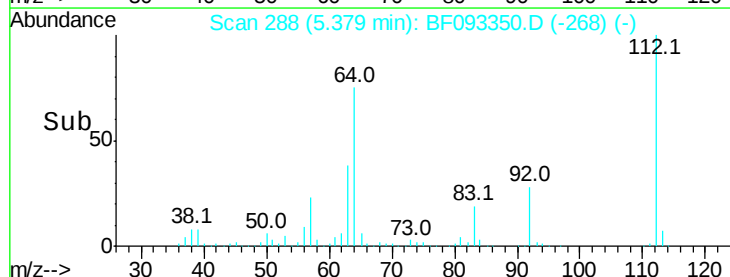
63 37.6 23.8 35.6#



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: 34.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampleId :

DSN001

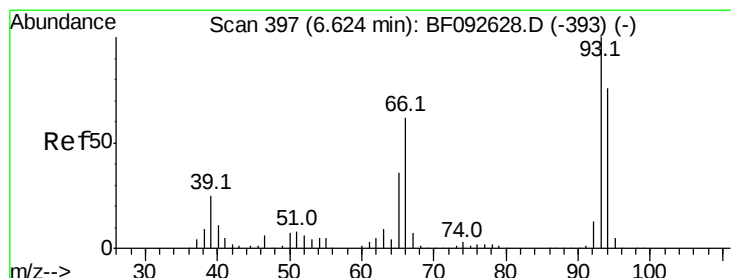
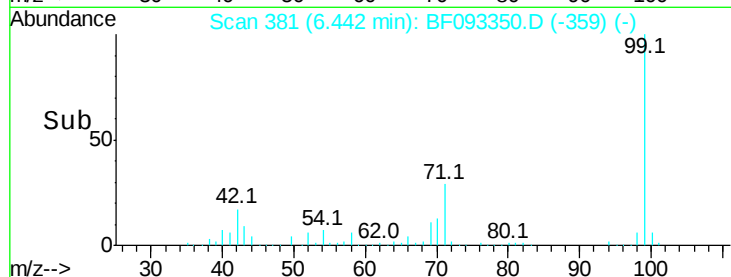
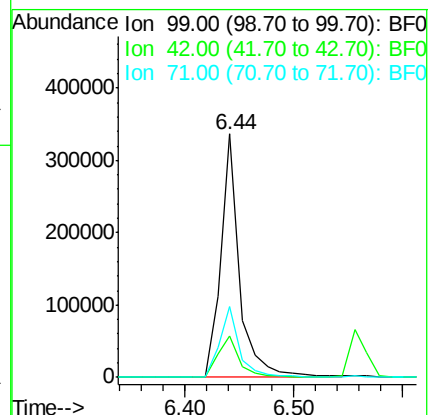
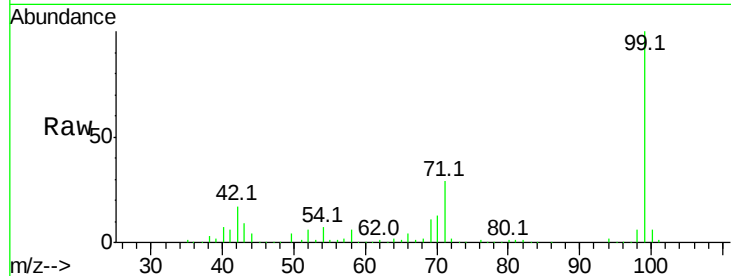
Tot Ion: 99 Resp: 408162

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

71 29.0 27.5 41.3



#10

Phenol

Concen: 3.55 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

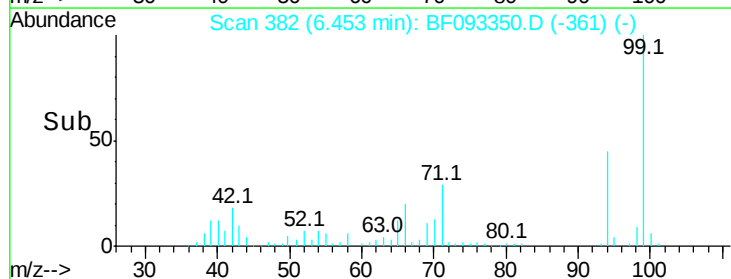
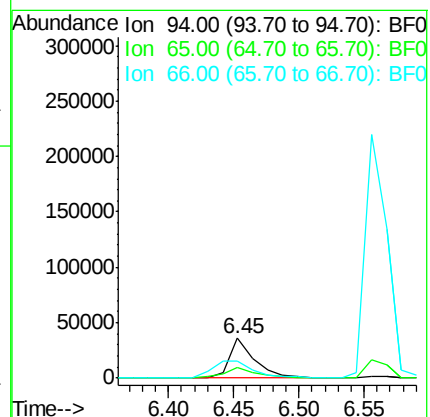
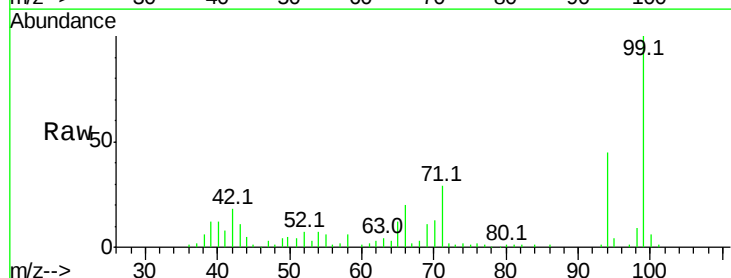
Tgt Ion: 94 Resp: 48987

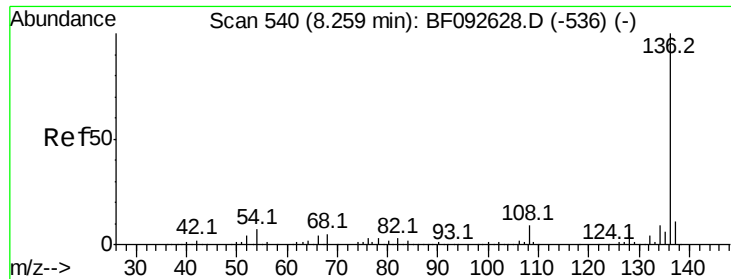
Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

66 43.8 44.0 84.0#

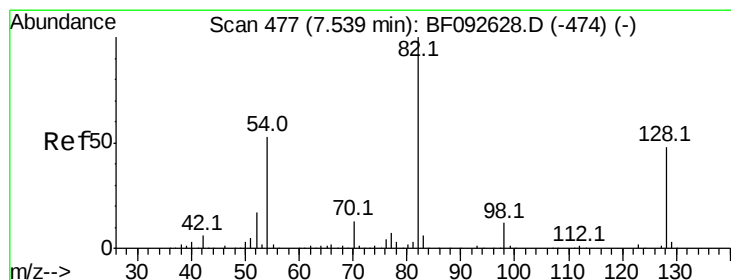
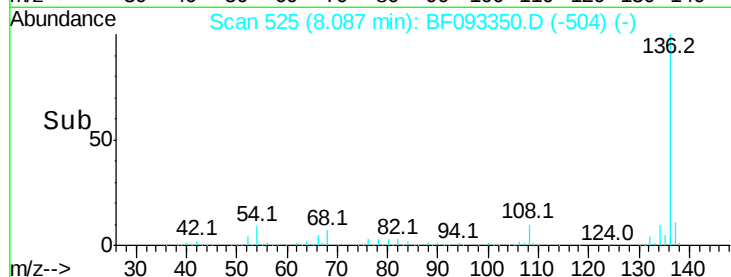
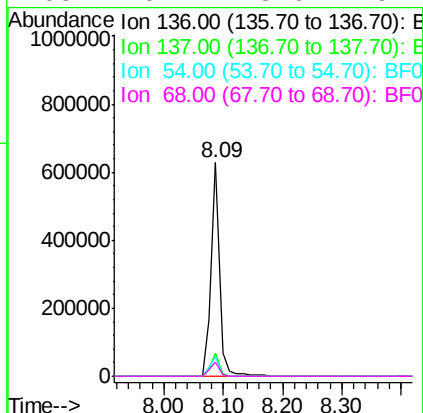
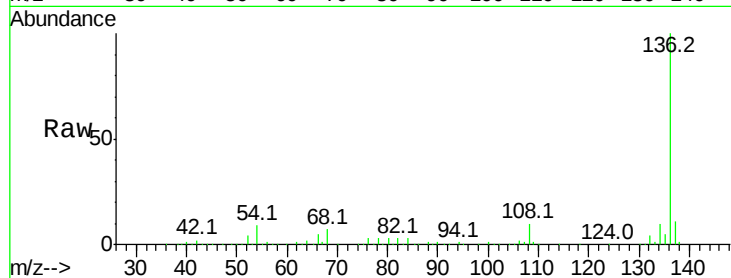




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

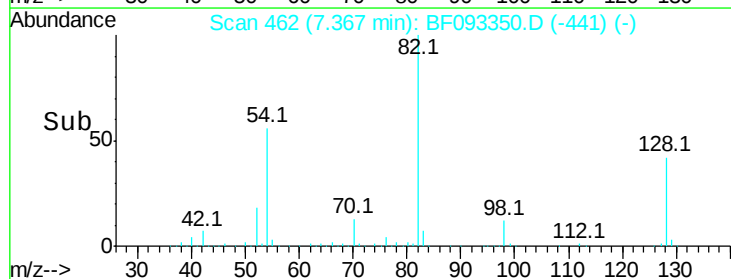
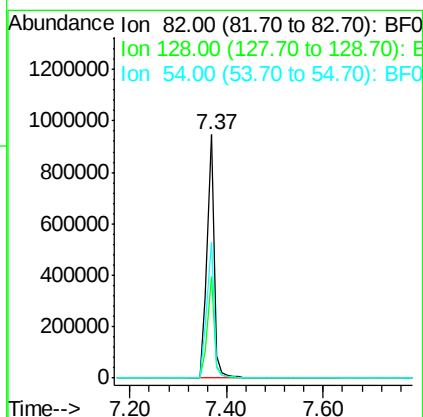
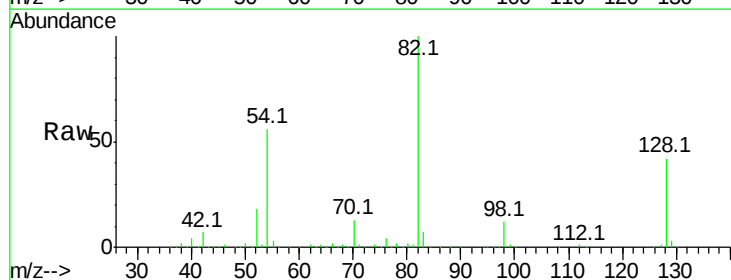
Instrument :
BNA_F
ClientSampleId :
DSN001

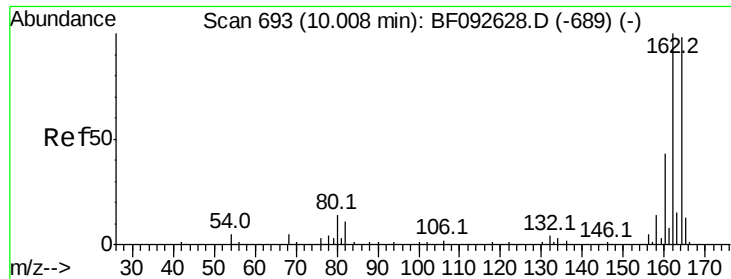
Tot Ion:	136	Resp:	627454
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.1	4.5	6.7#
68	6.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 86.69 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Tgt Ion:	82	Resp:	976791
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	55.8	39.5	59.3

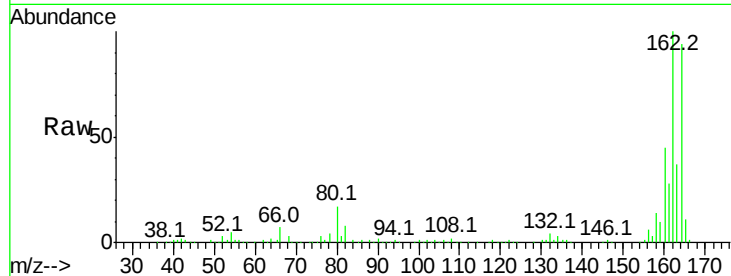




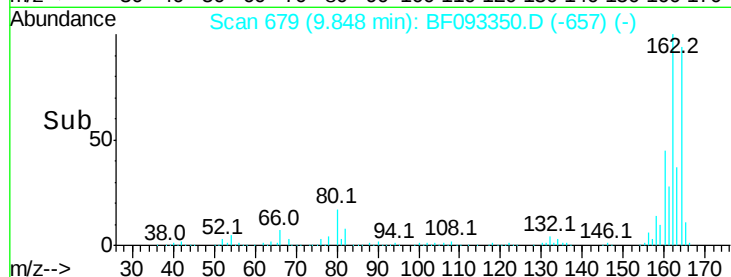
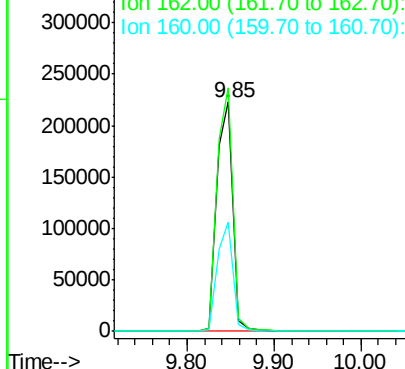
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:164 Resp: 291764
Ion Ratio Lower Upper
164 100
162 106.4 80.2 120.2
160 47.8 36.9 55.3

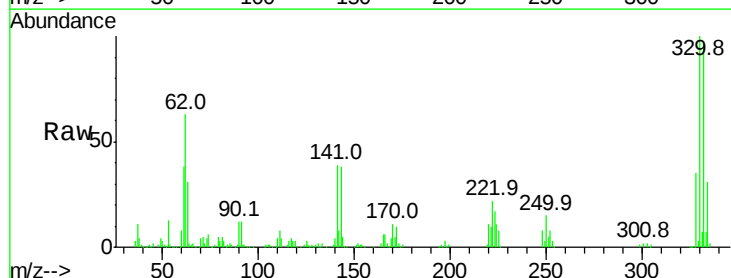


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

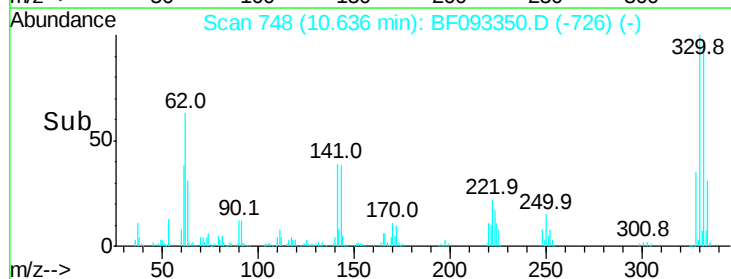
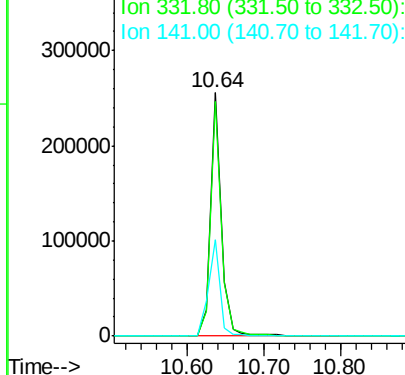


#41
2,4,6-Tribromophenol
Concen: 117.24 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Tgt Ion:330 Resp: 247405
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 42.6 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



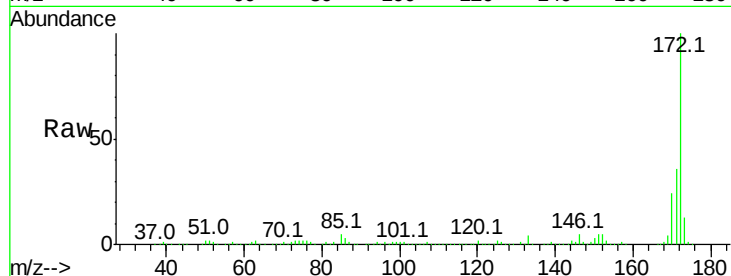


#44
 2-Fluorobiphenyl
 Concen: 100.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

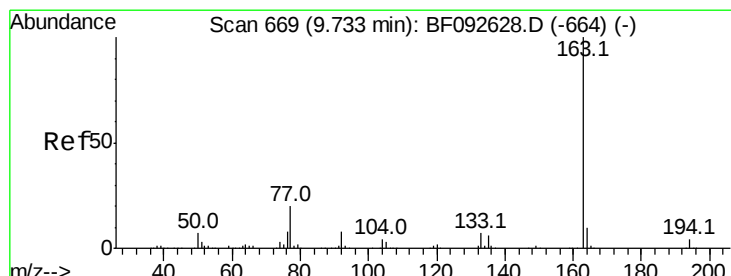
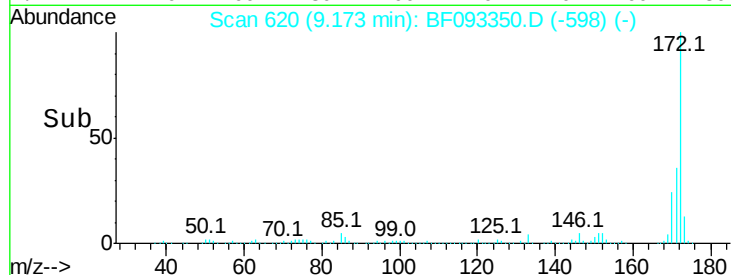
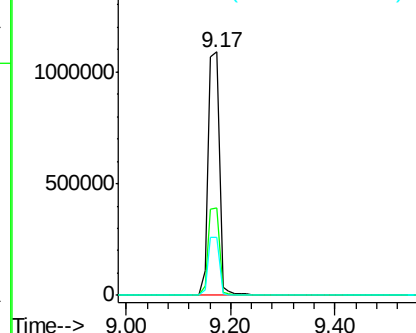
Instrument :
 BNA_F
 ClientSampleID :
 DSN001

Tot Ion:172 Resp: 1616753

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	20.2	30.4



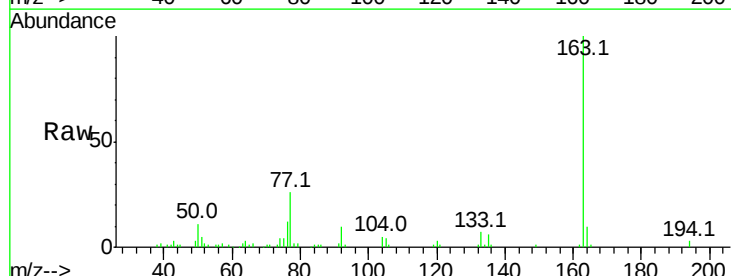
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



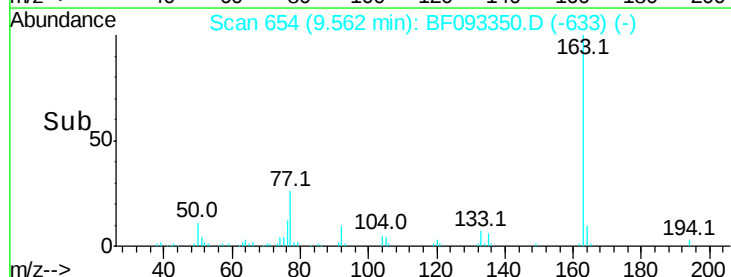
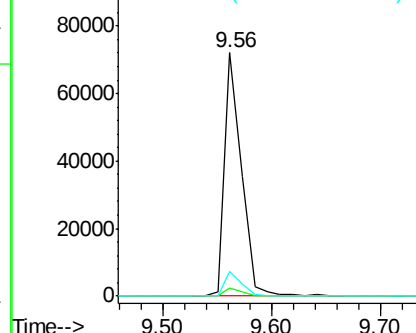
#49
 Dimethylphthalate
 Concen: 4.01 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093350.D
 Acq: 3 Mar 2017 9:16

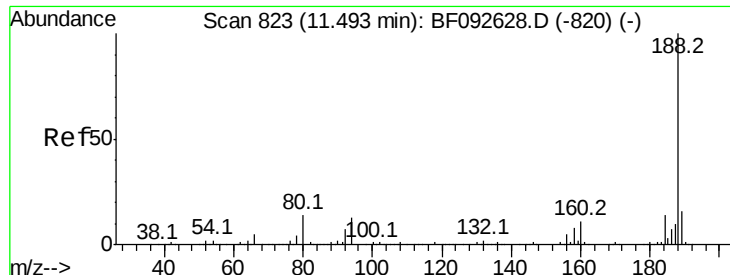
Tgt Ion:163 Resp: 78735

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.1	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

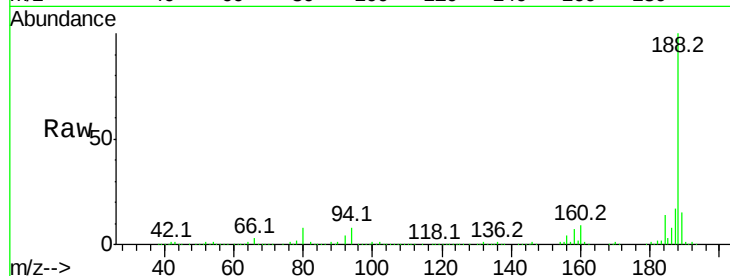




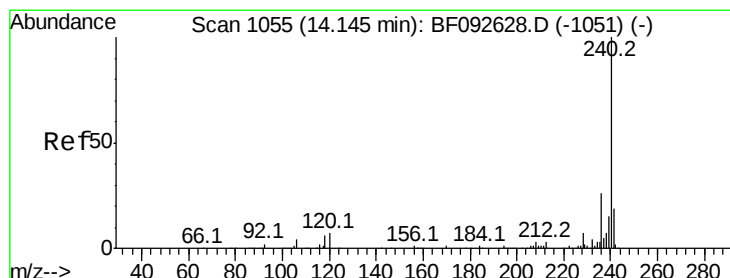
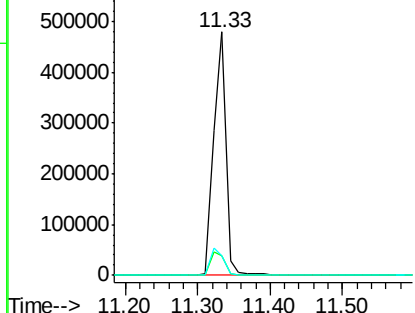
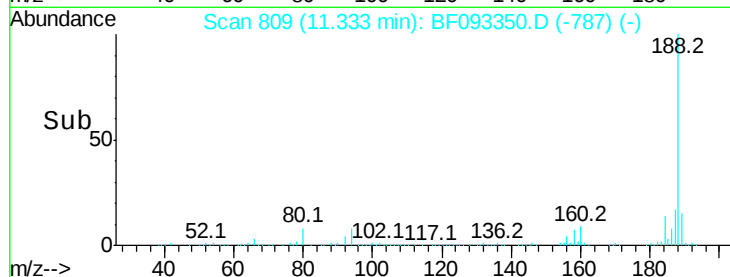
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:188 Resp: 561585
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.1 11.2 16.8#

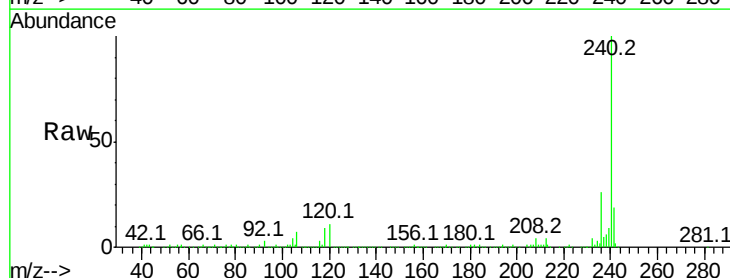


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

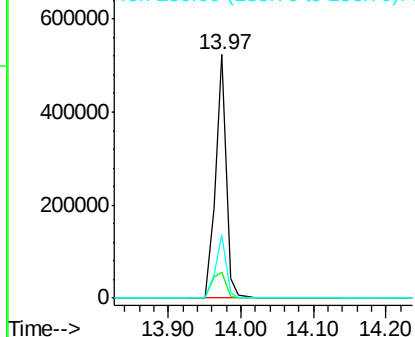
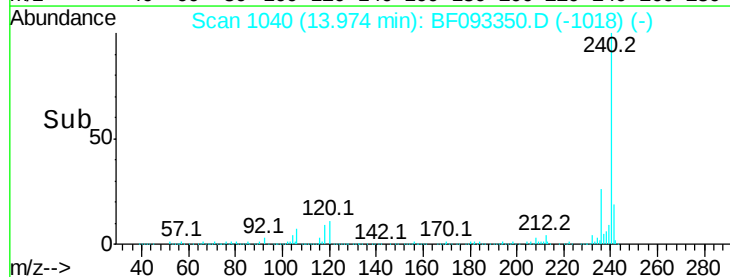


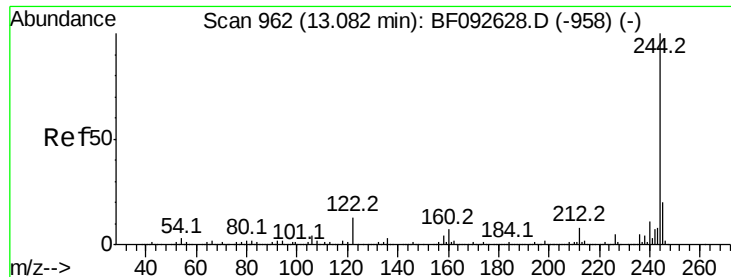
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093350.D
Acq: 3 Mar 2017 9:16

Tgt Ion:240 Resp: 533373
Ion Ratio Lower Upper
240 100
120 10.7 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: 61.00 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

Instrument :

BNA_F

ClientSampled :

DSN001

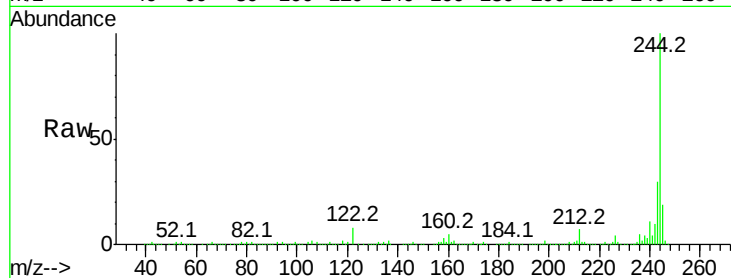
Tot Ion:244 Resp: 1384725

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

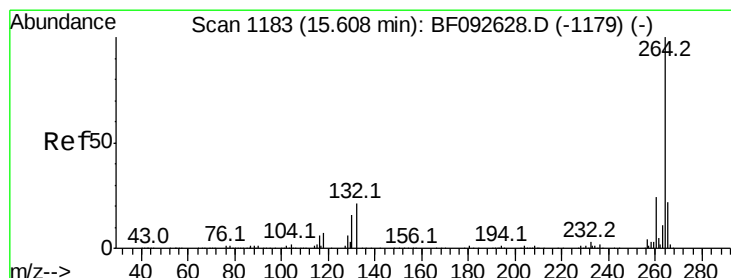
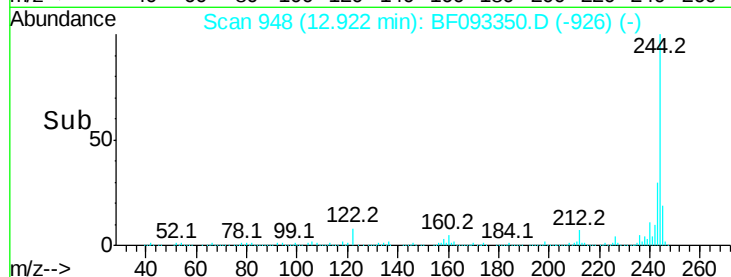
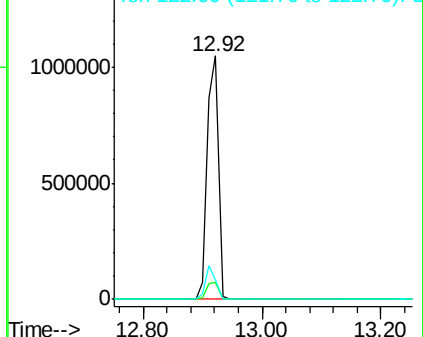
122 7.9 11.4 17.2#



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: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093350.D

Acq: 3 Mar 2017 9:16

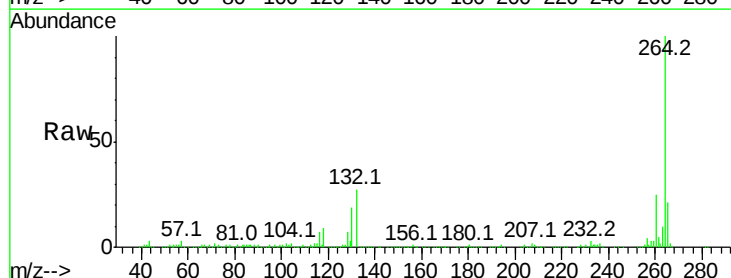
Tgt Ion:264 Resp: 388605

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.0 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

