

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093616.D
 Acq On : 13 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2174-26
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-81

Quant Time: Mar 14 01:44:06 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

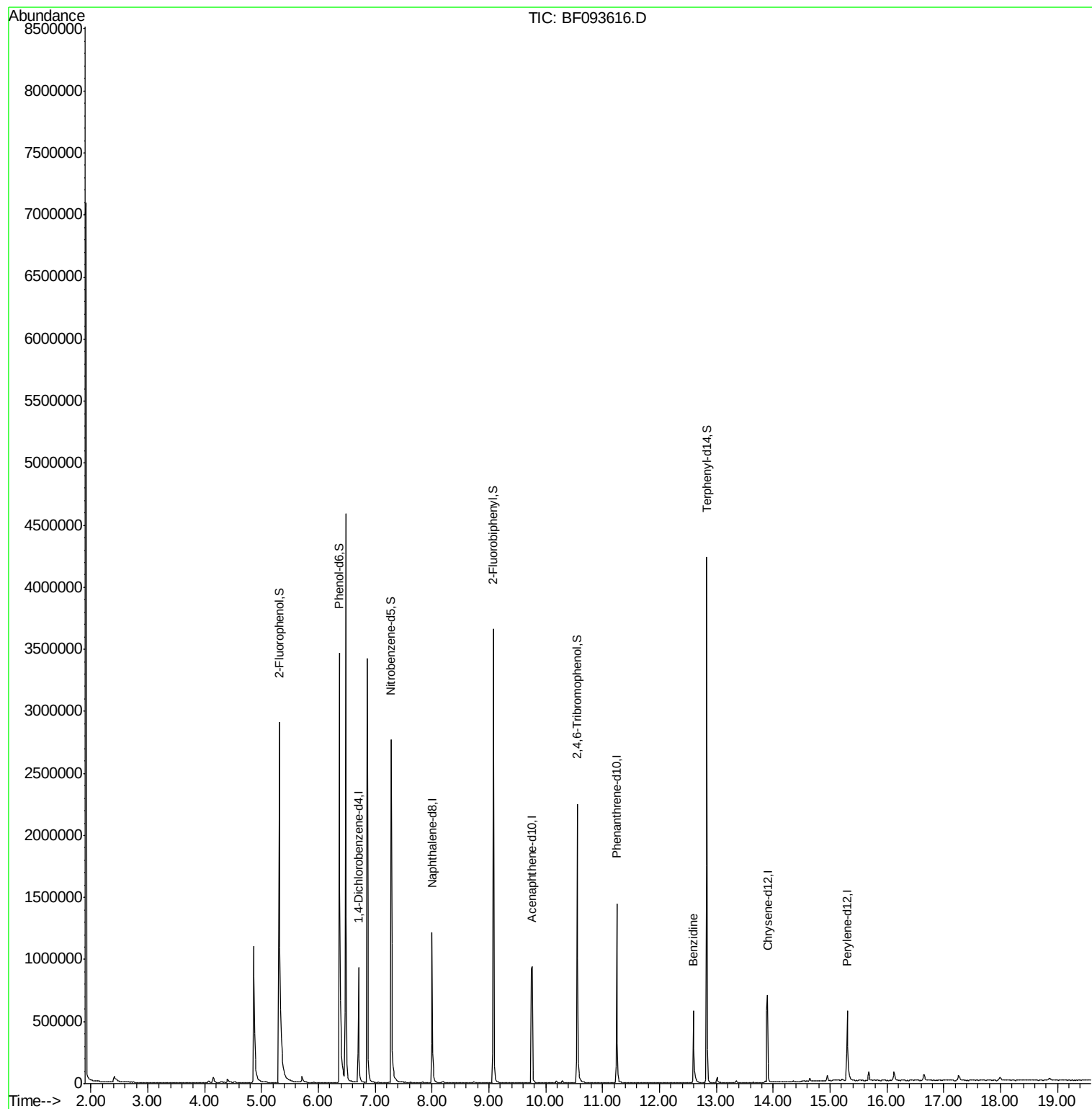
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	154125	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	611857	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	290024	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	553974	20.00	ng	0.00
75) Chrysene-d12	13.90	240	373946	20.00	ng	0.01
86) Perylene-d12	15.31	264	270717	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1314161	141.91	ng	0.00
7) Phenol-d6	6.37	99	1652561	141.51	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1075116	97.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	283733	150.16	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1658749	106.38	ng	-0.01
78) Terphenyl-d14	12.84	244	1362496	94.73	ng	0.01
Target Compounds						
76) Benzidine	12.60	184	299688	24.37	ng	Qvalue 96

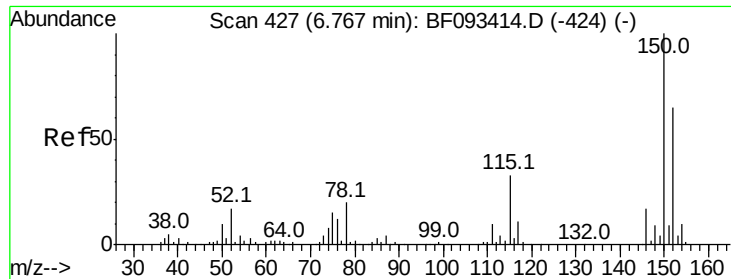
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093616.D
Acq On : 13 Mar 2017 19:17
Operator : SJ/MA
Sample : I2174-26
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-81

Quant Time: Mar 14 01:44:06 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



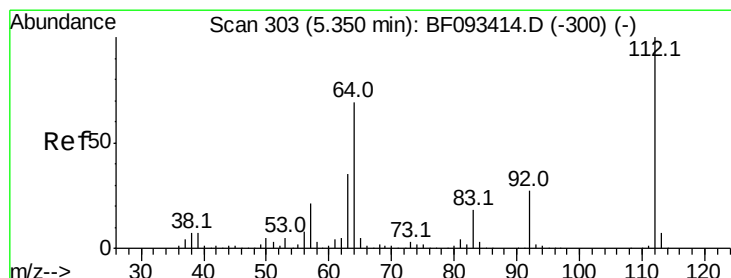
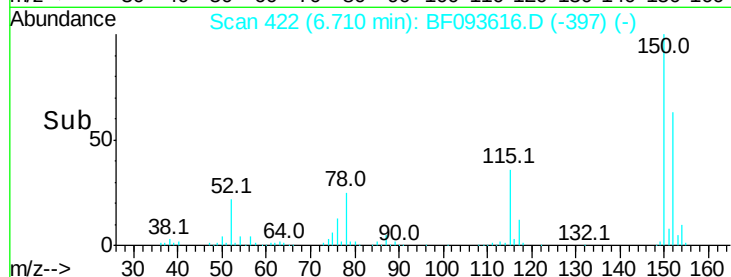
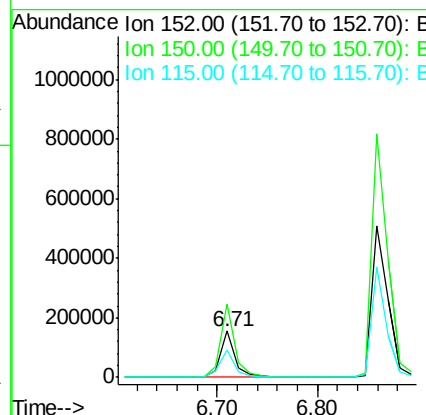
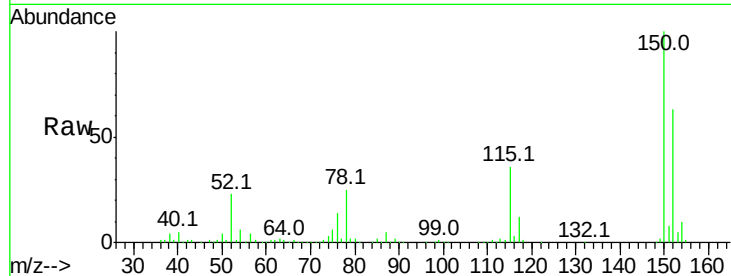


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Instrument :
BNA_F
ClientSampled :
D-81

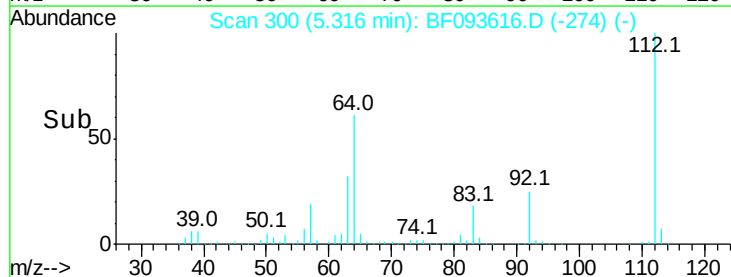
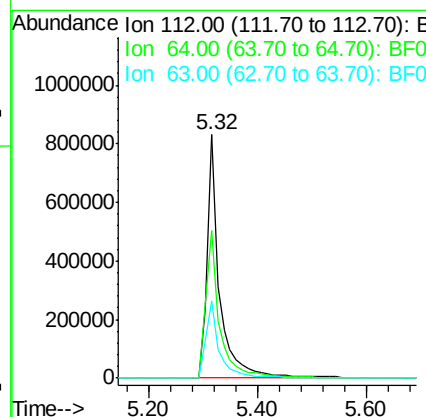
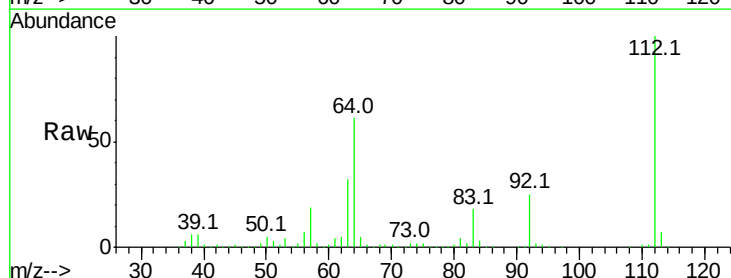
Tot Ion:152 Resp: 154125
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 57.5 46.0 69.0

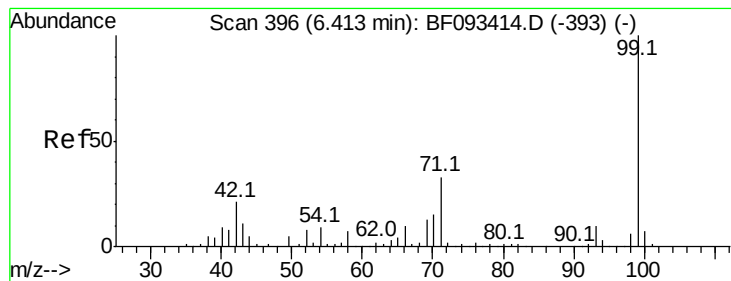


#5

2-Fluorophenol
Concen: 141.91 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Tgt Ion:112 Resp: 1314161
Ion Ratio Lower Upper
112 100
64 60.8 46.1 69.1
63 31.6 23.8 35.6





#7

Phenol-d6

Concen: 141.51 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

D-81

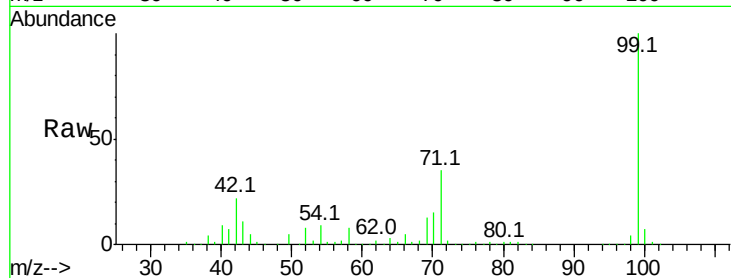
Tot Ion: 99 Resp: 1652561

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

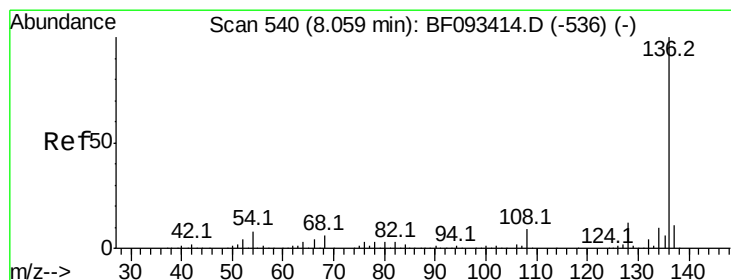
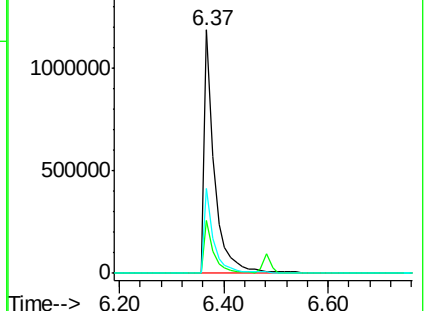
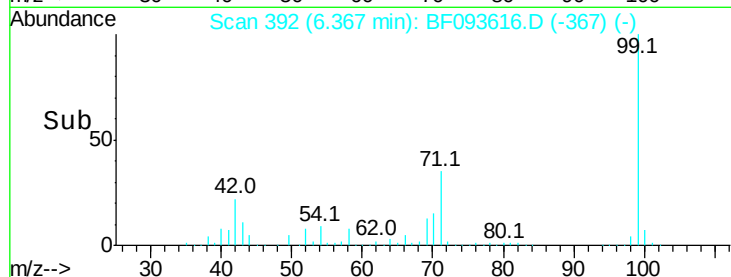
71 34.6 27.5 41.3



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: BF093616.D

Acq: 13 Mar 2017 19:17

Tgt Ion: 136 Resp: 611857

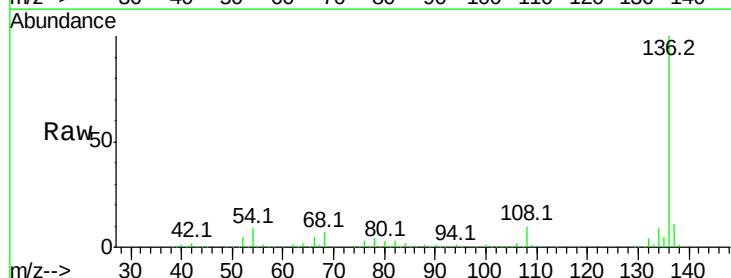
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 9.2 4.5 6.7#

68 6.7 3.6 5.4#

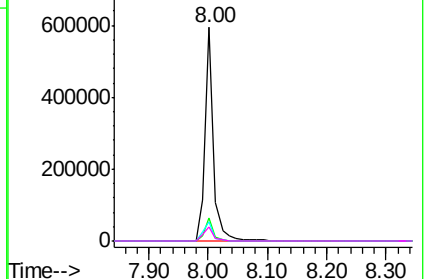
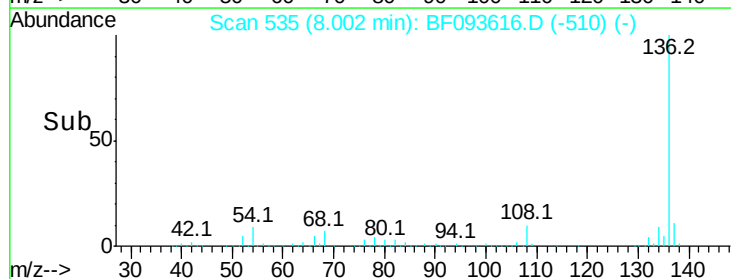


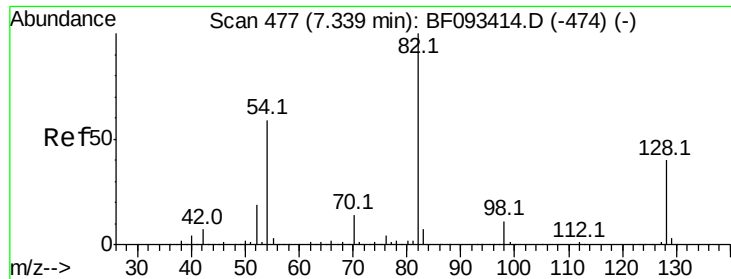
Abundance Ion 136.00 (135.70 to 136.70): E

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

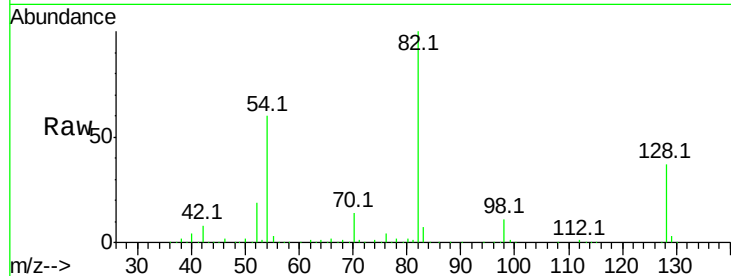




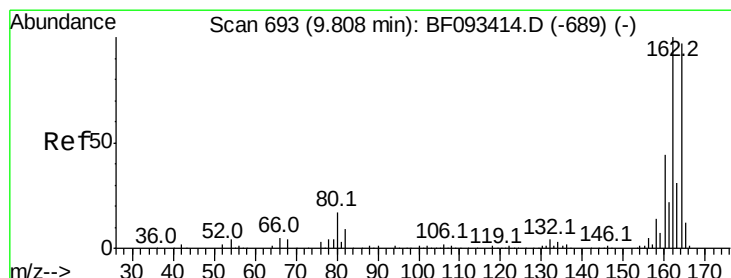
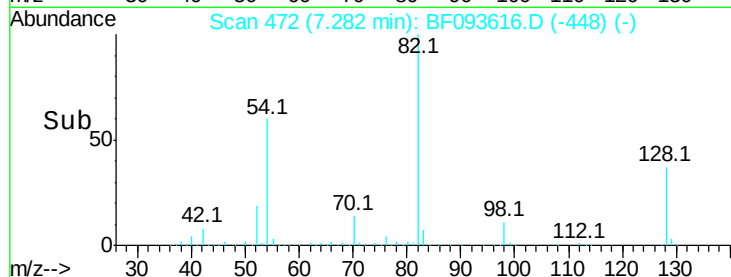
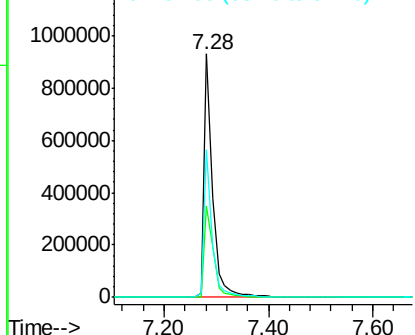
#23
 Nitrobenzene-d5
 Concen: 97.49 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleID :
 D-81

Tot Ion: 82 Resp: 1075116
 Ion Ratio Lower Upper
 82 100
 128 37.4 34.6 52.0
 54 60.4 39.5 59.3#

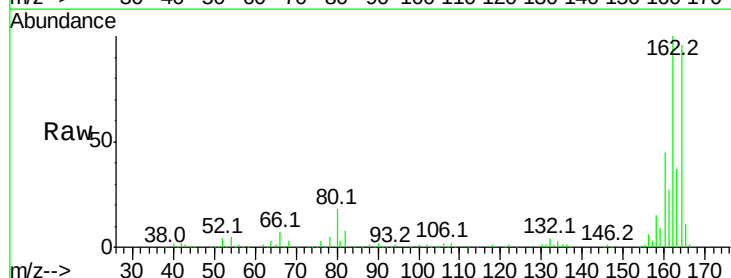


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

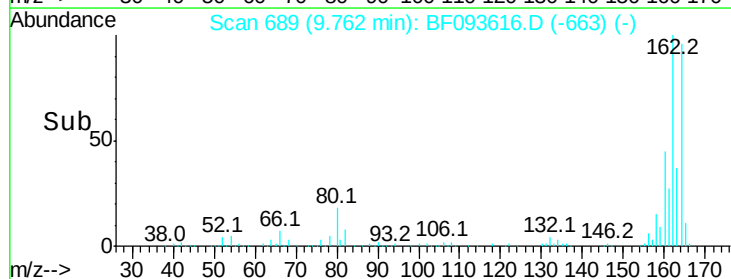
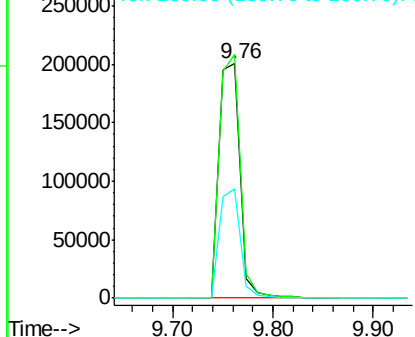


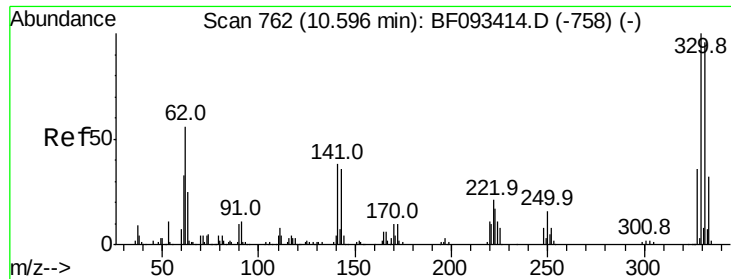
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Tgt Ion: 164 Resp: 290024
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 46.6 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

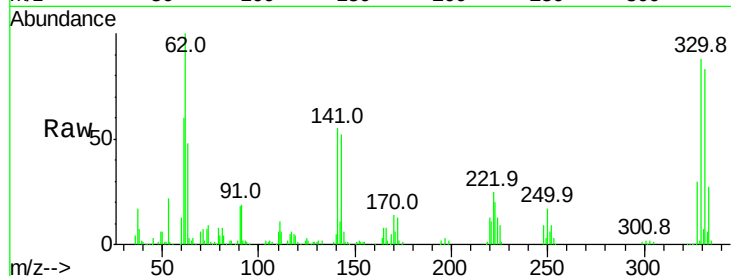




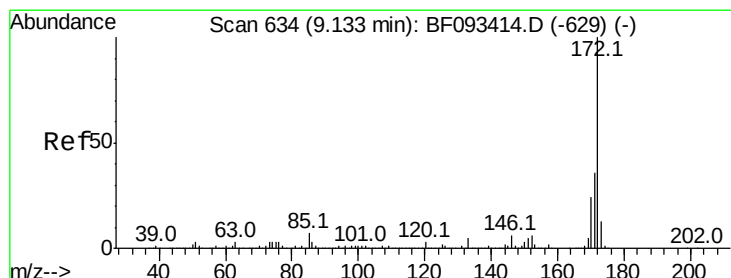
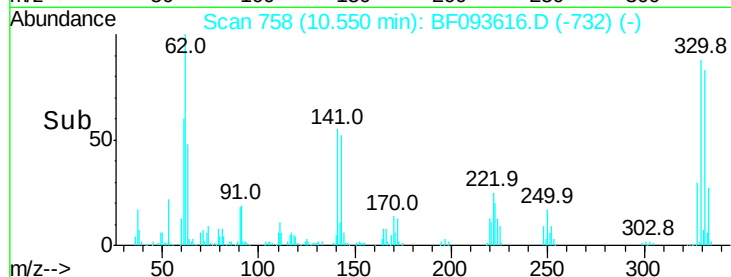
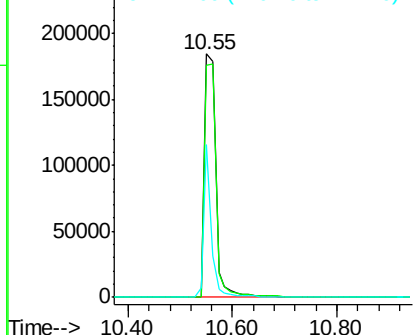
#41
 2,4,6-Tribromophenol
 Concen: 150.16 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleID :
 D-81

Tot Ion:330 Resp: 283733
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.2 34.1 51.1

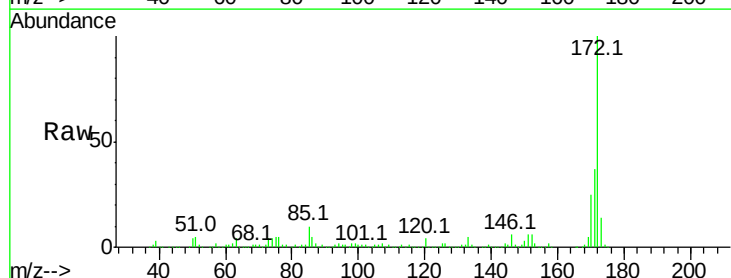


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

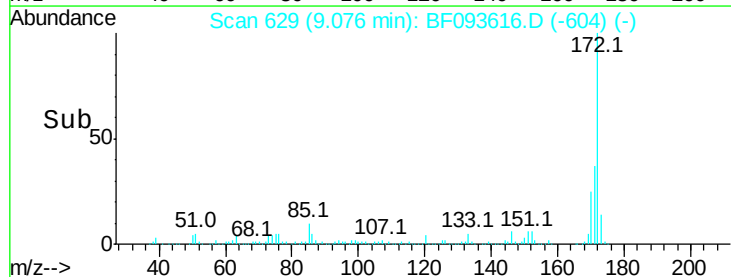
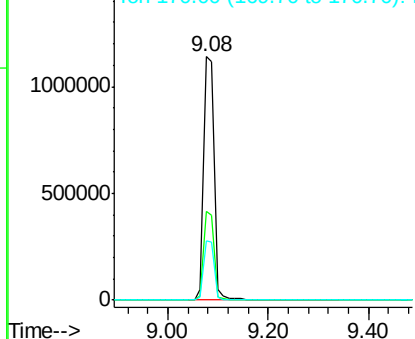


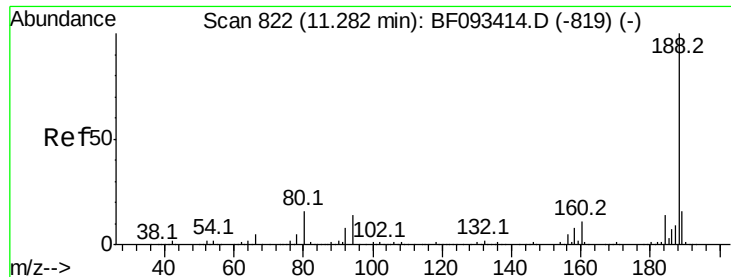
#44
 2-Fluorobiphenyl
 Concen: 106.38 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Tgt Ion:172 Resp: 1658749
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

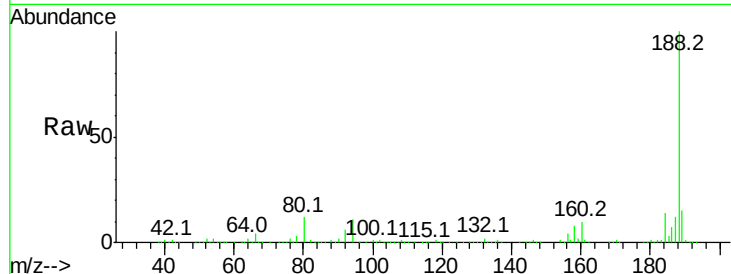




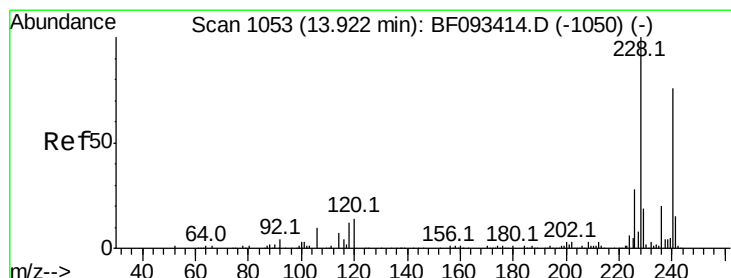
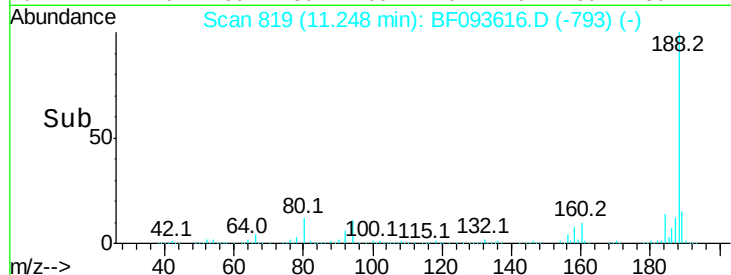
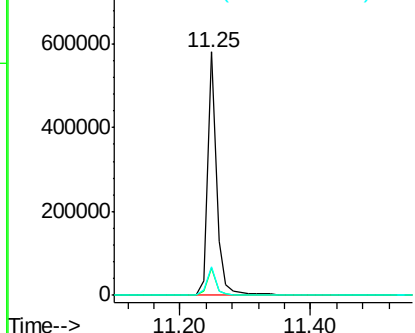
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
D-81

Tot Ion:188 Resp: 553974
Ion Ratio Lower Upper
188 100
94 11.4 10.0 15.0
80 11.6 11.2 16.8

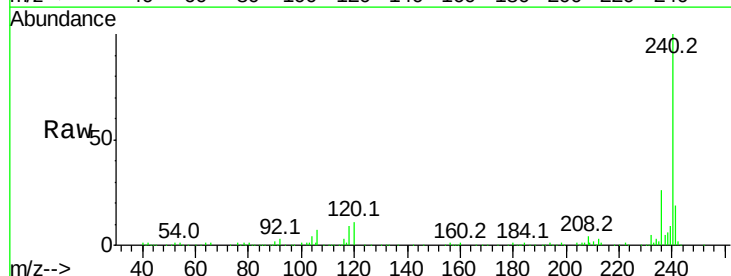


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

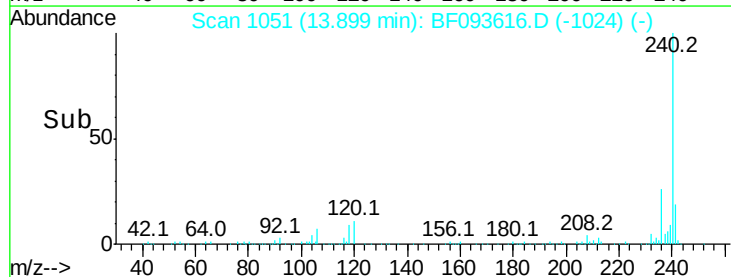
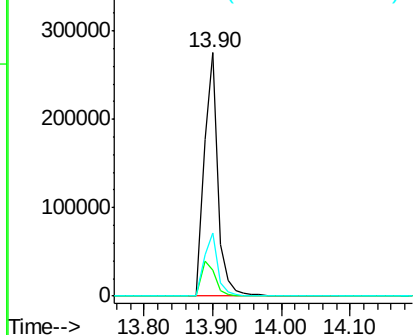


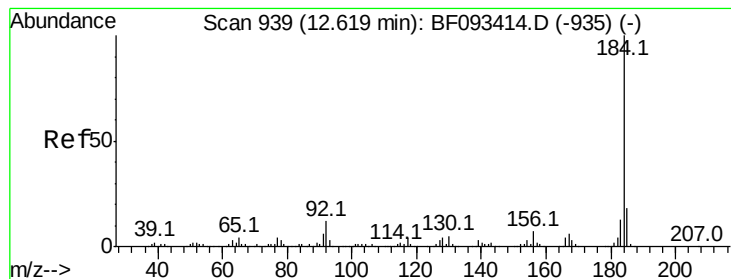
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Tgt Ion:240 Resp: 373946
Ion Ratio Lower Upper
240 100
120 10.8 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





#76

Benzidine

Concen: 24.37 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampled :

D-81

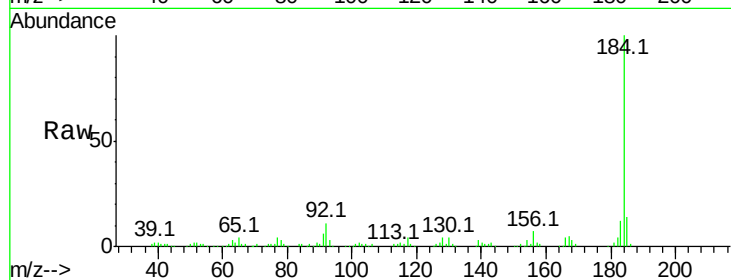
Tot Ion:184 Resp: 299688

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

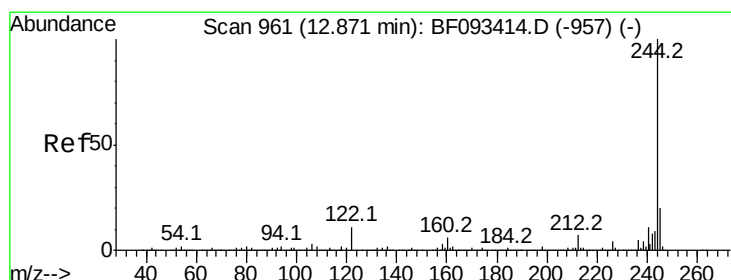
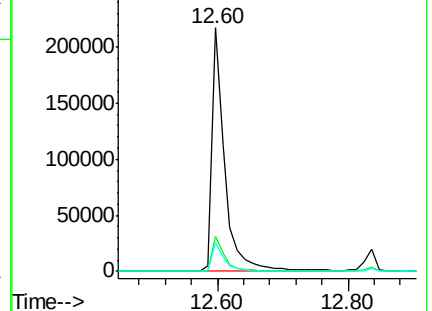
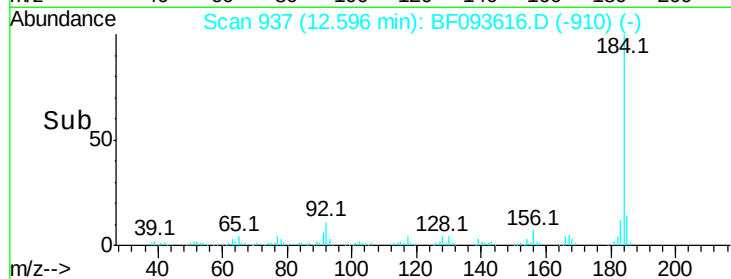
183 11.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.73 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

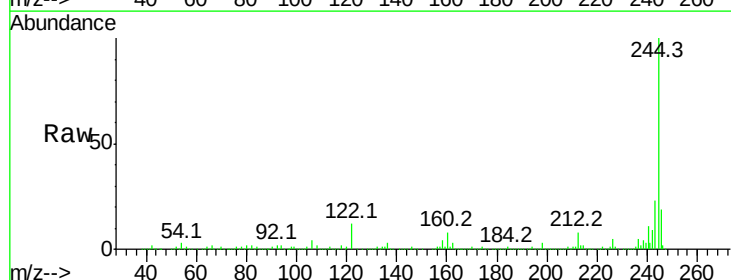
Tgt Ion:244 Resp: 1362496

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

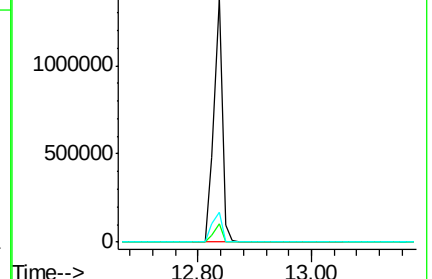
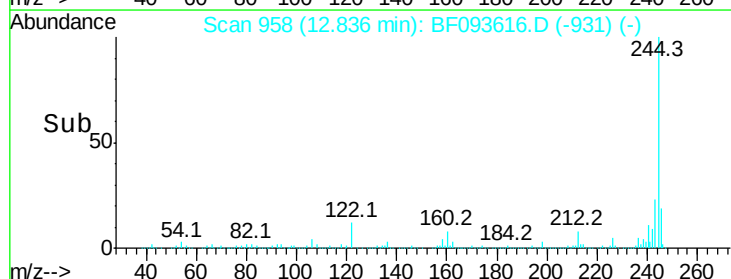
122 12.2 11.4 17.2

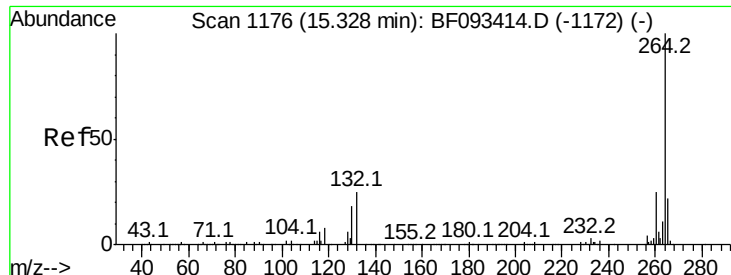


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

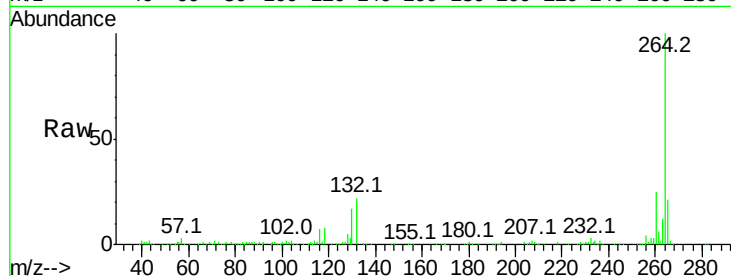




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
D-81

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	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

