

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093617.D
 Acq On : 13 Mar 2017 19:45
 Operator : SJ/MA
 Sample : I2174-27
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Quant Time: Mar 14 01:45:49 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

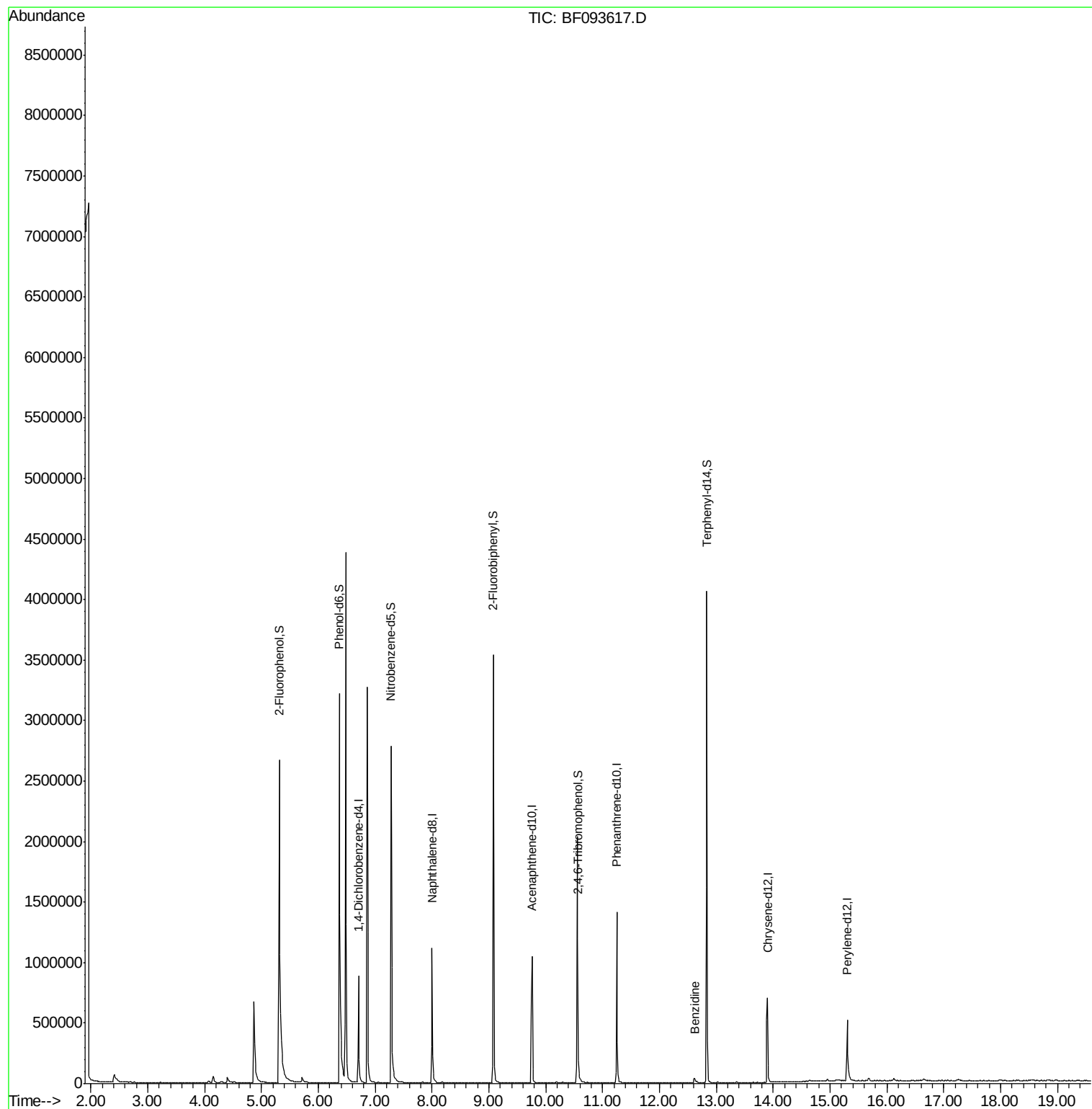
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	145858	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	587765	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	271437	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	539224	20.00	ng	0.00
75) Chrysene-d12	13.90	240	366850	20.00	ng	0.01
86) Perylene-d12	15.31	264	258224	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1213571	138.48	ng	0.00
7) Phenol-d6	6.37	99	1544188	139.73	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1033881	97.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	282430	159.70	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1558674	106.81	ng	-0.01
78) Terphenyl-d14	12.84	244	1311336	92.94	ng	0.01
Target Compounds						
76) Benzidine	12.62	184	37644	3.12	ng	Qvalue 96

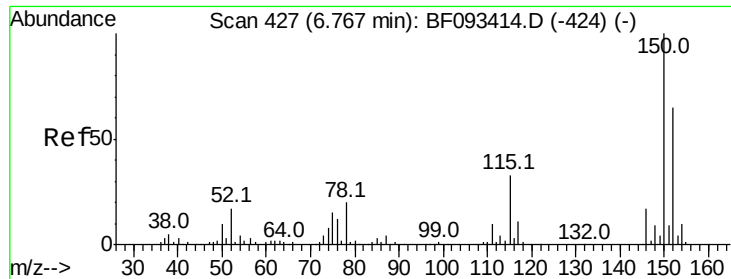
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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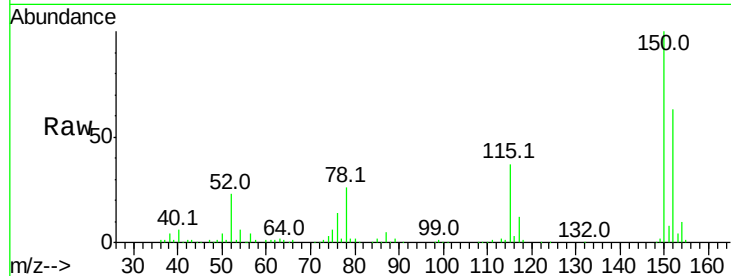


#1

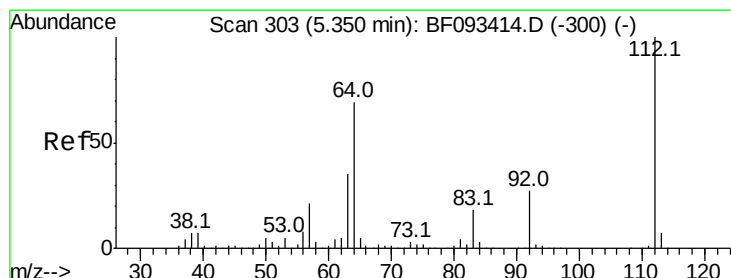
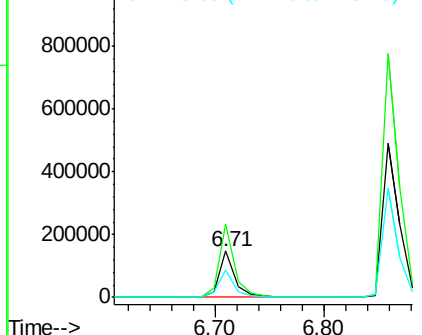
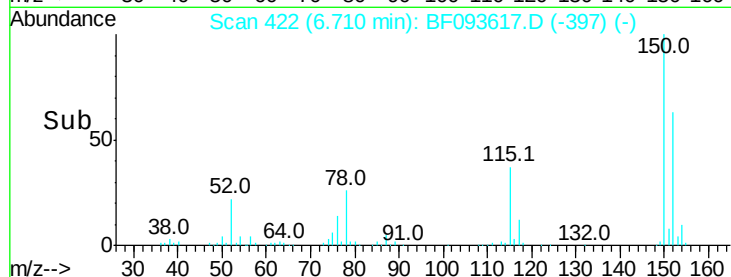
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
D-85

Tot Ion:152 Resp: 145858
Ion Ratio Lower Upper
152 100
150 159.7 124.9 187.3
115 59.1 46.0 69.0



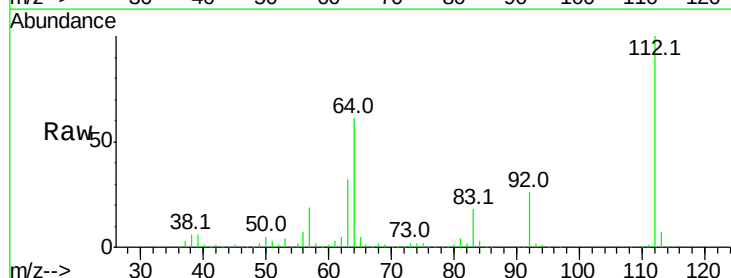
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



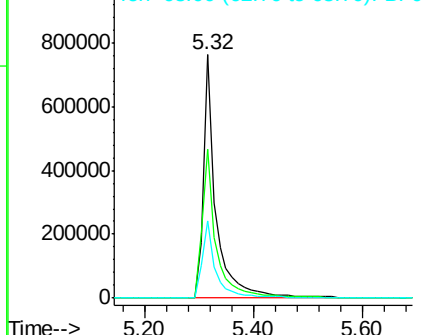
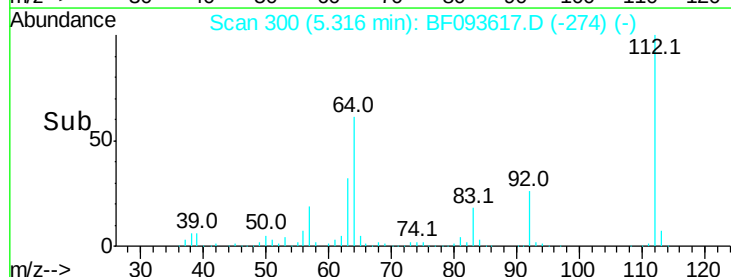
#5

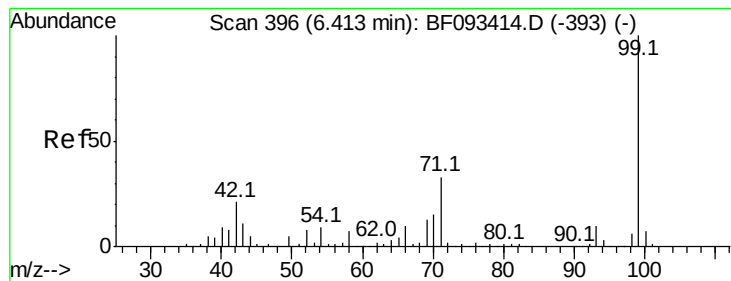
2-Fluorophenol
Concen: 138.48 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Tgt Ion:112 Resp: 1213571
Ion Ratio Lower Upper
112 100
64 61.1 46.1 69.1
63 31.5 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: 139.73 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

Instrument :

BNA_F

ClientSampled :

D-85

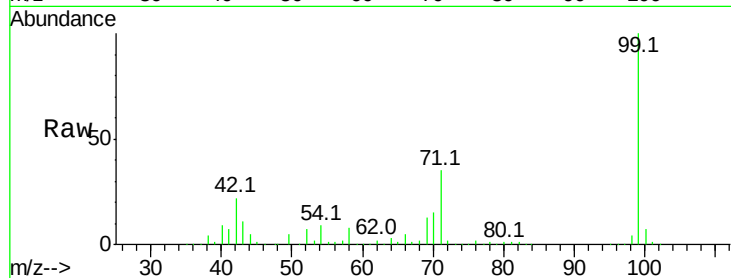
Tot Ion: 99 Resp: 1544188

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

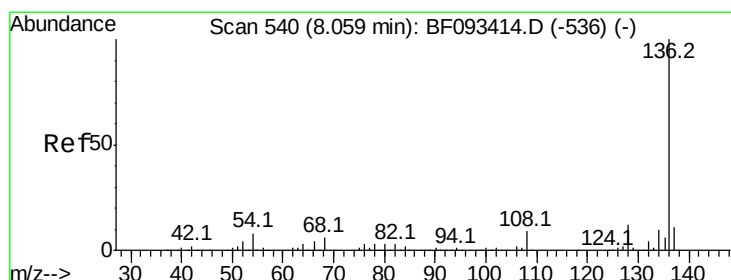
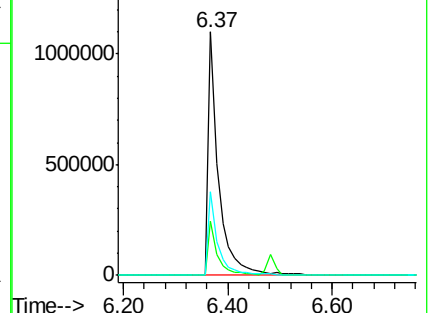
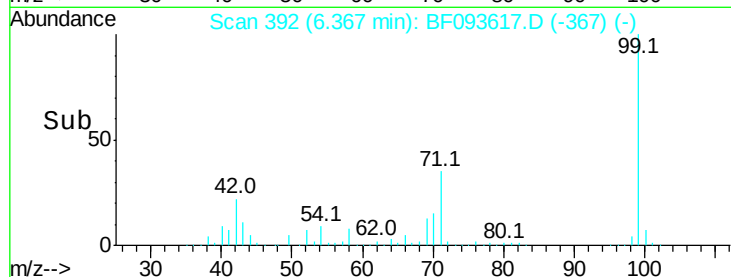
71 34.6 27.5 41.3



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: BF093617.D

Acq: 13 Mar 2017 19:45

Tgt Ion: 136 Resp: 587765

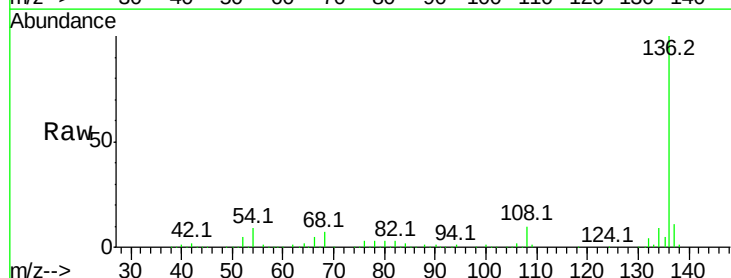
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.9 4.5 6.7#

68 6.7 3.6 5.4#

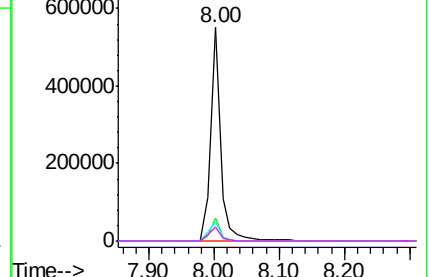
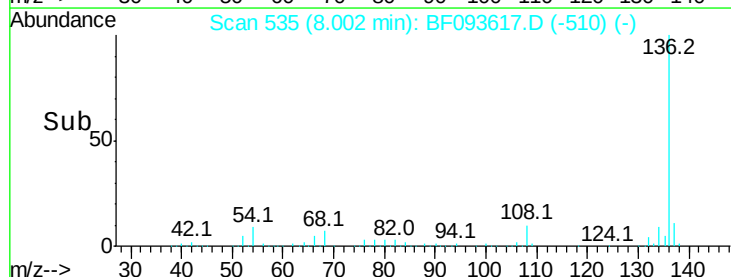


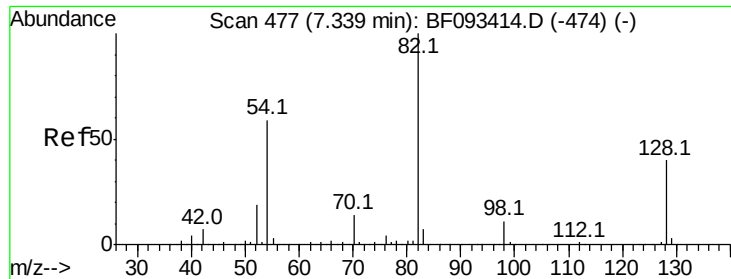
Abundance Ion 136.00 (135.70 to 136.70): E

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

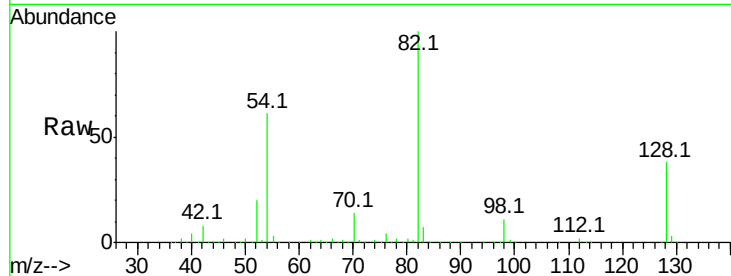




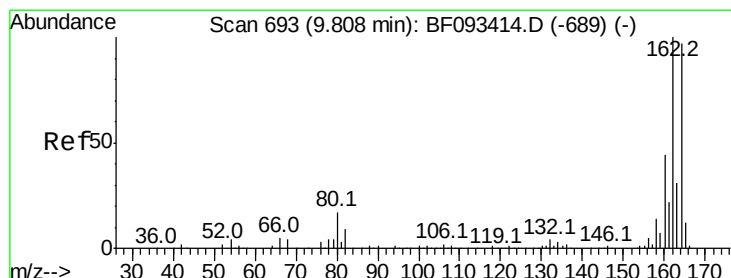
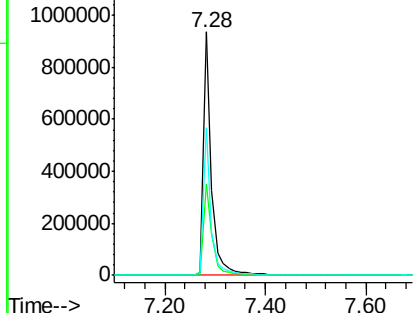
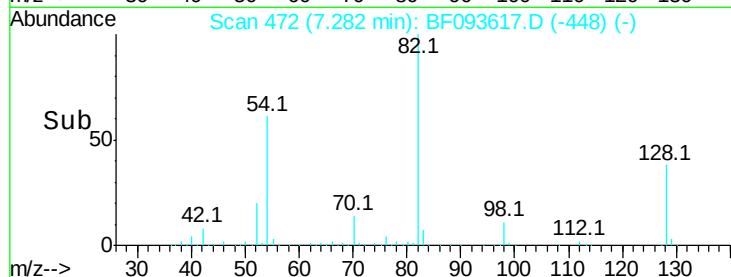
#23
Nitrobenzene-d5
Concen: 97.60 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
D-85

Tot Ion: 82 Resp: 1033881
Ion Ratio Lower Upper
82 100
128 37.7 34.6 52.0
54 60.5 39.5 59.3#

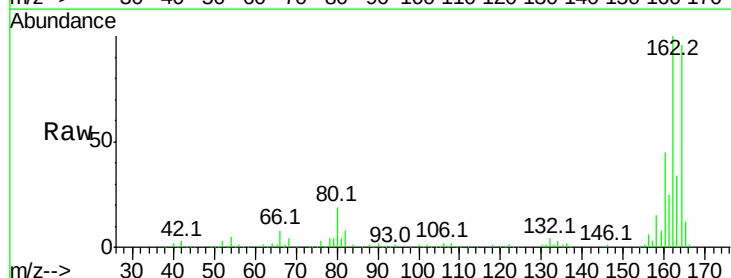


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

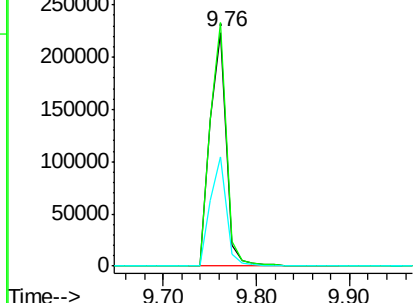
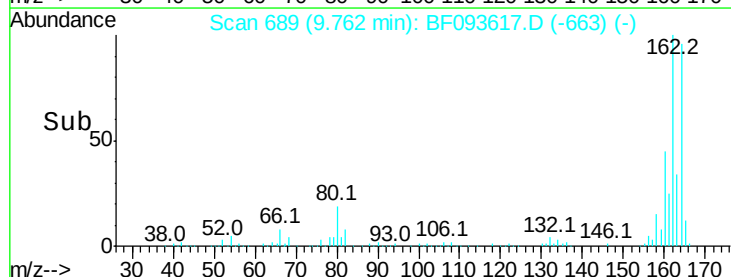


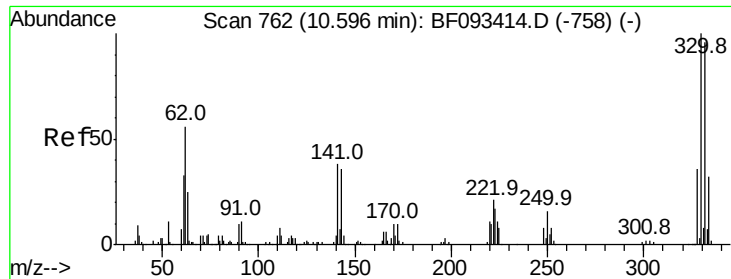
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Tgt Ion:164 Resp: 271437
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 46.5 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

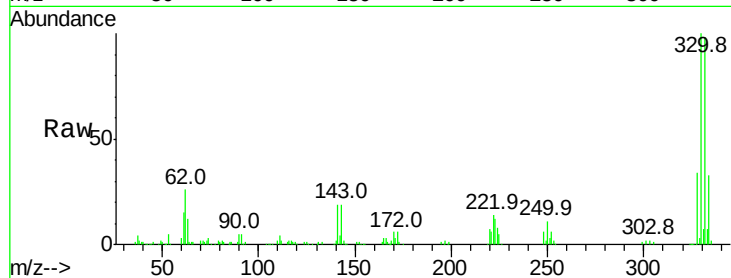




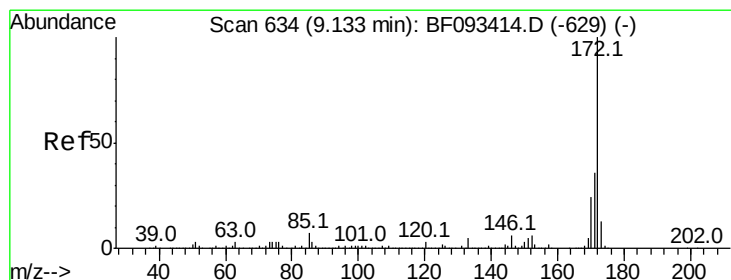
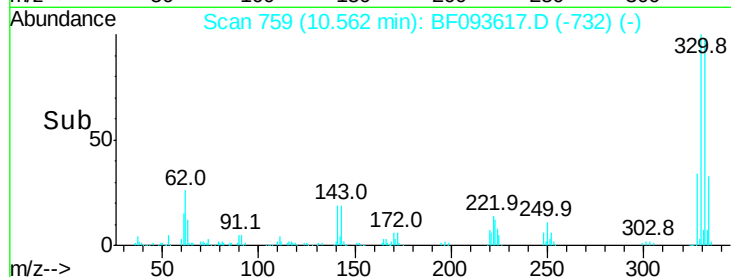
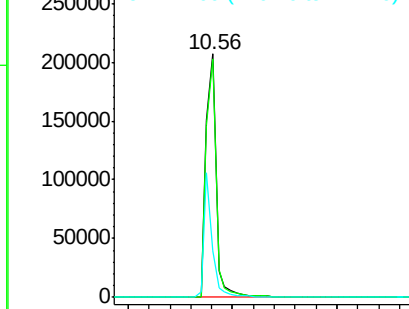
#41
 2,4,6-Tribromophenol
 Concen: 159.70 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	41.8	34.1	51.1

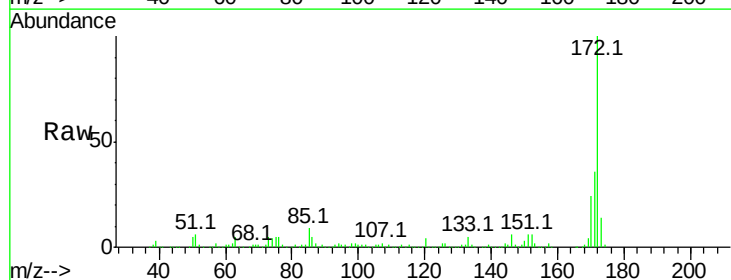


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

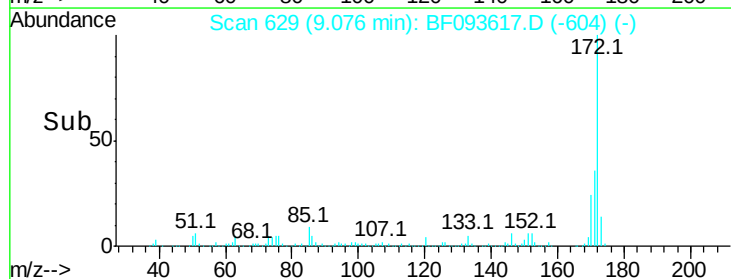
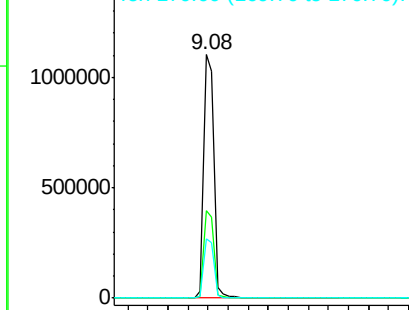


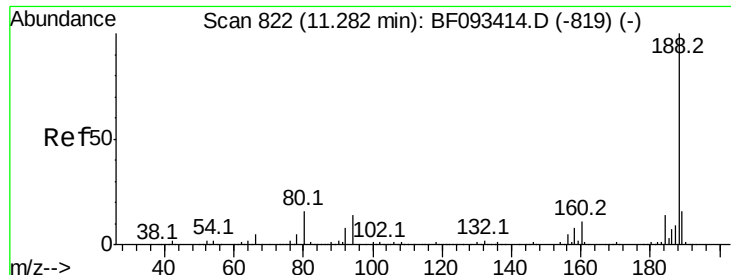
#44
 2-Fluorobiphenyl
 Concen: 106.81 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

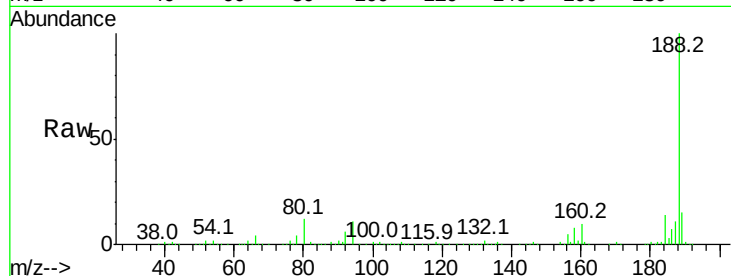




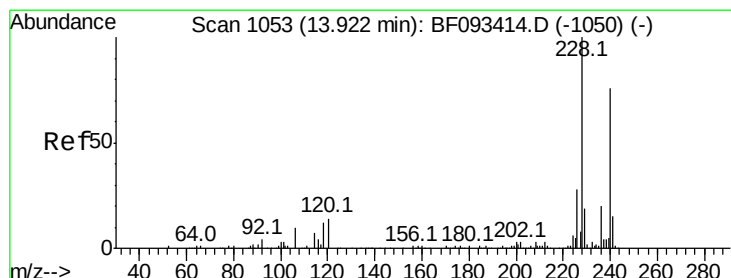
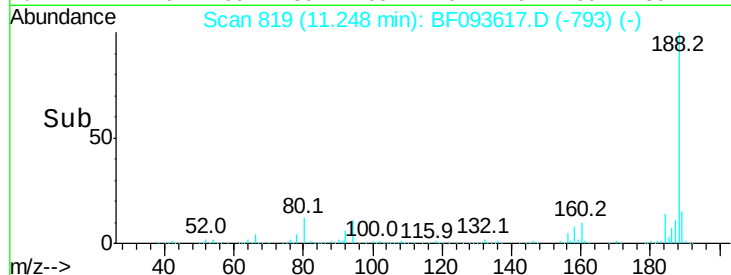
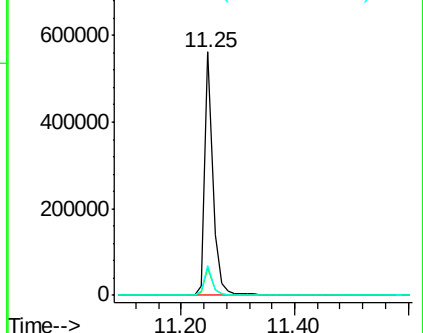
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Instrument :
BNA_F
ClientSampleId :
D-85

Tot Ion:188 Resp: 539224
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 12.3 11.2 16.8

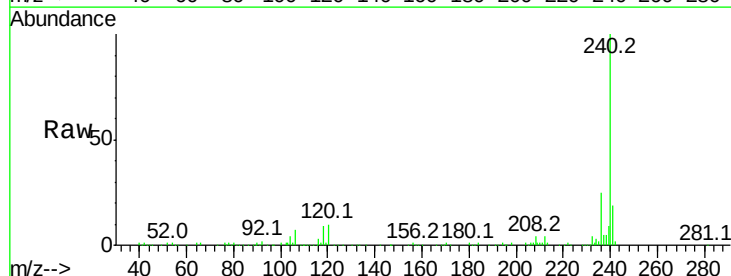


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

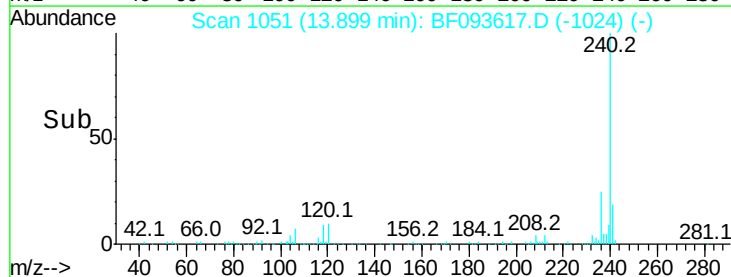
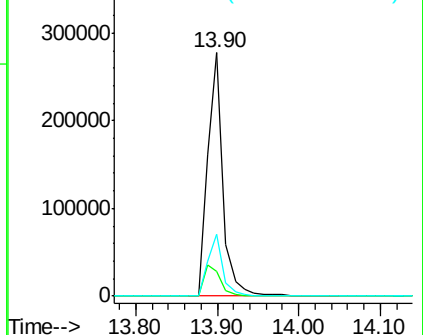


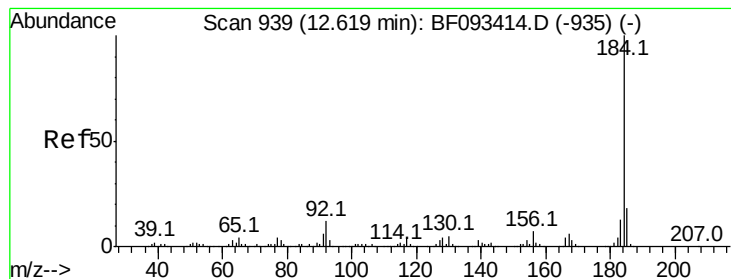
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093617.D
Acq: 13 Mar 2017 19:45

Tgt Ion:240 Resp: 366850
Ion Ratio Lower Upper
240 100
120 10.1 12.9 19.3#
236 25.5 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: 3.12 ng

RT: 12.62 min Scan# 939

Delta R.T. 0.03 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

Instrument :

BNA_F

ClientSampleId :

D-85

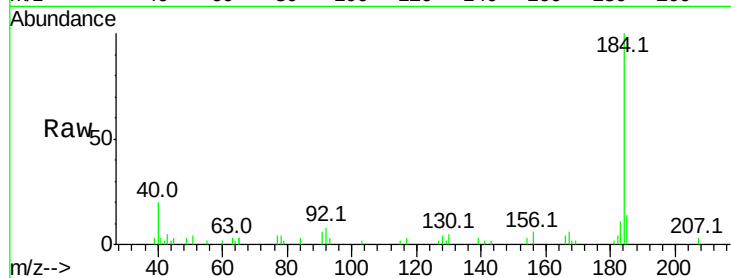
Tot Ion:184 Resp: 37644

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

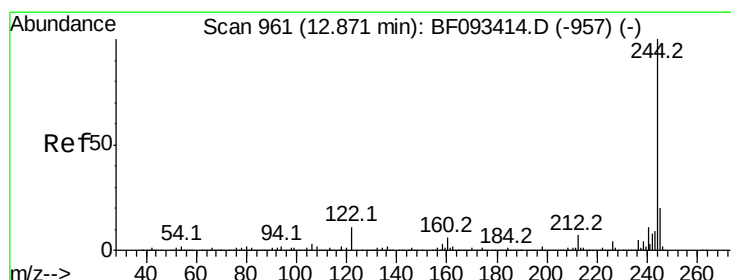
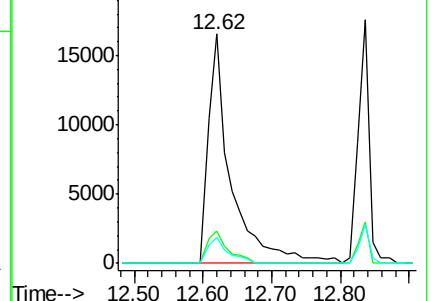
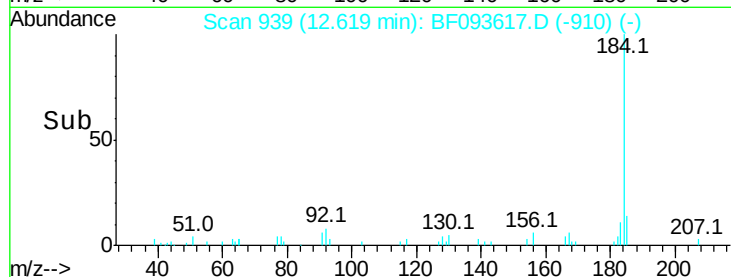
183 11.1 9.2 13.8



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: 92.94 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093617.D

Acq: 13 Mar 2017 19:45

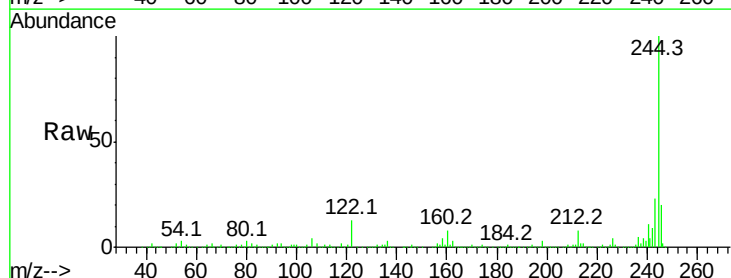
Tgt Ion:244 Resp: 1311336

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

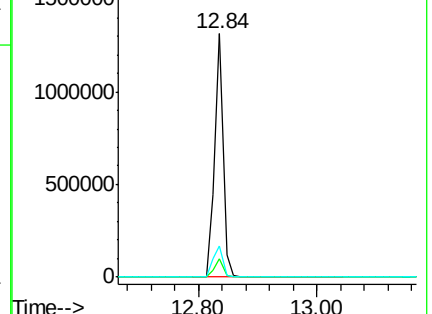
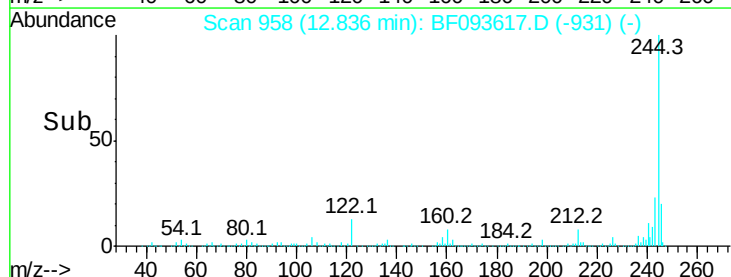
122 12.6 11.4 17.2

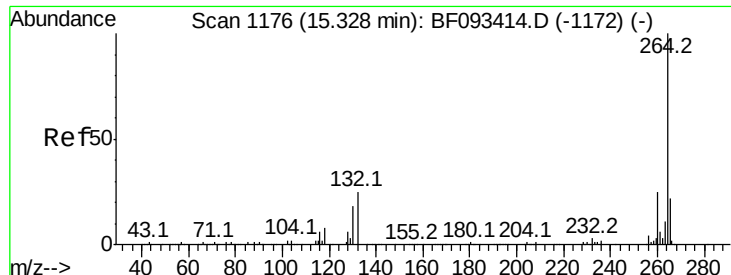


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

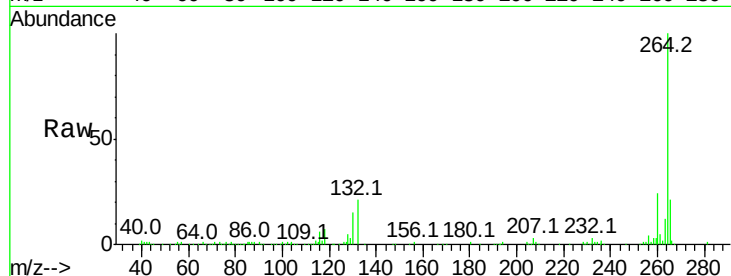




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093617.D
 Acq: 13 Mar 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :
 D-85

Tot Ion: 264 Resp: 258224
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 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

