

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093466.D
 Acq On : 9 Mar 2017 9:55
 Operator : SJ/MA
 Sample : I2127-27
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-21

Quant Time: Mar 09 10:23:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188825	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	702948	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	312986	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	459007	20.00	ng	0.01
75) Chrysene-d12	13.93	240	385162	20.00	ng	0.01
86) Perylene-d12	15.35	264	296971	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1492032	131.51	ng	0.02
7) Phenol-d6	6.42	99	1832485	128.08	ng	0.01
23) Nitrobenzene-d5	7.34	82	1123834	88.71	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	233324	114.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1790637	106.42	ng	0.00
78) Terphenyl-d14	12.87	244	1077626	72.74	ng	0.00

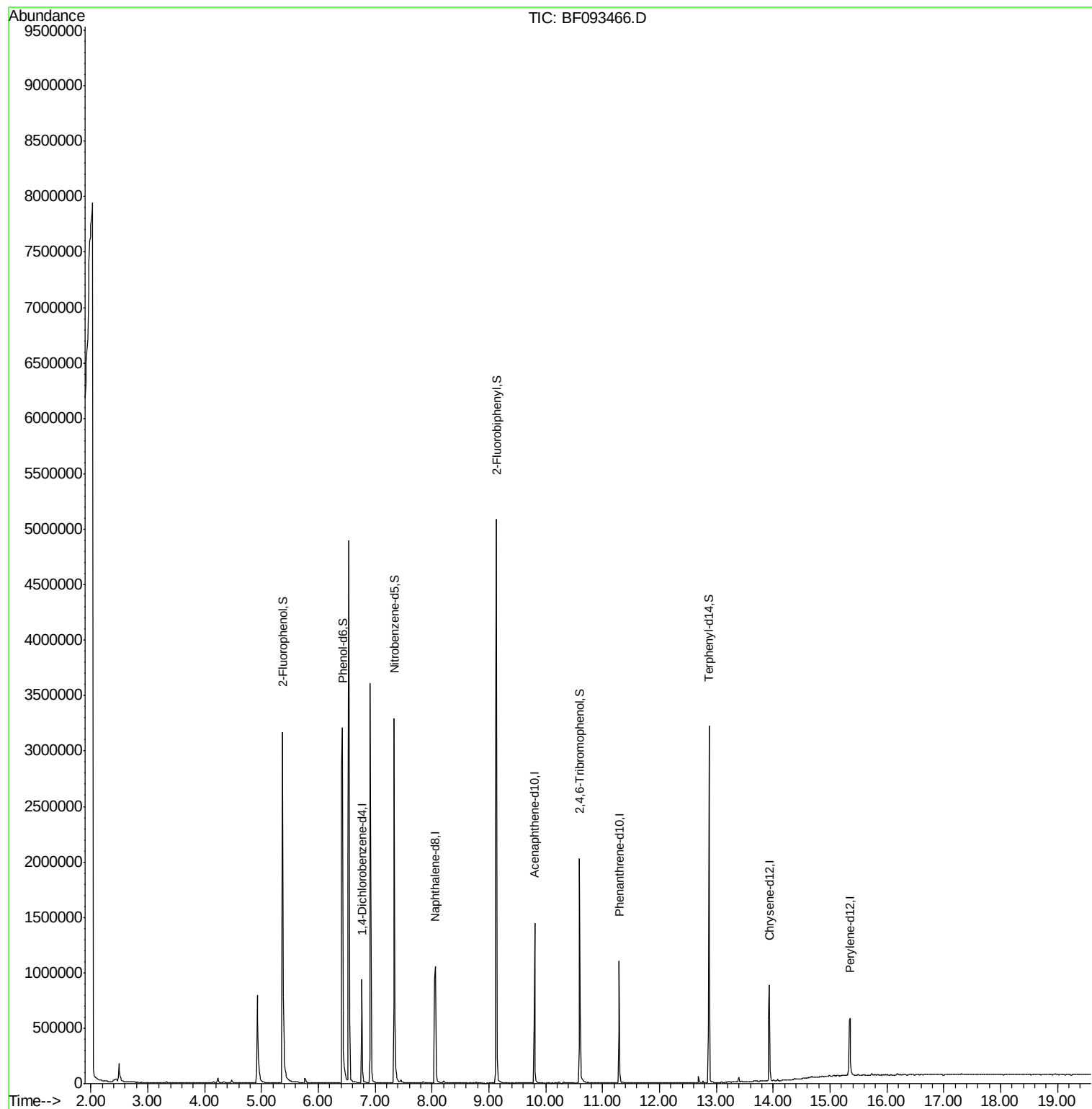
Target Compounds Qvalue

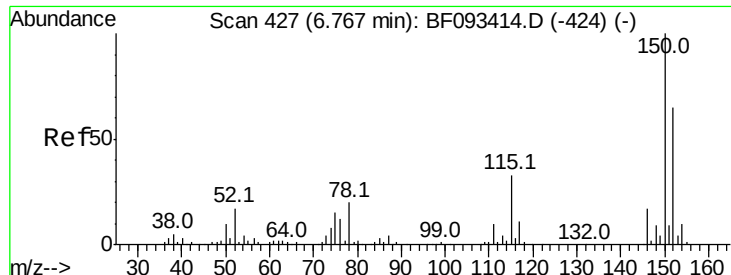
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

BNA_F

ClientSampleId :

D-21

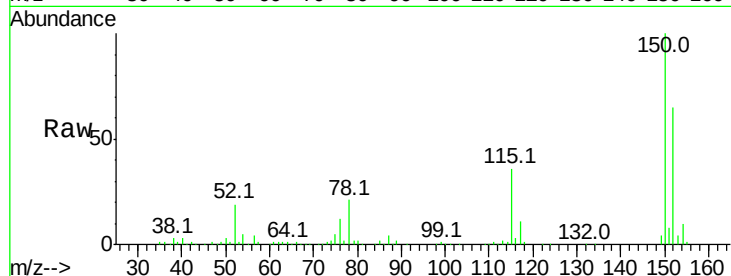
Tot Ion:152 Resp: 188825

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

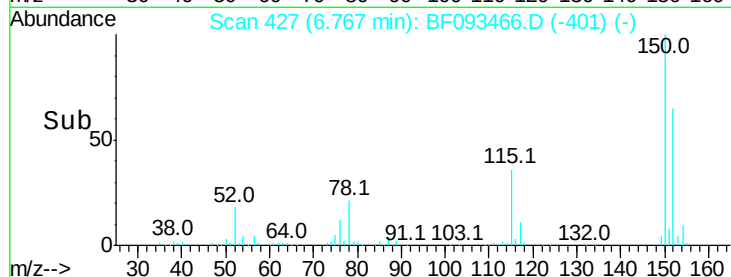
115 55.2 46.0 69.0



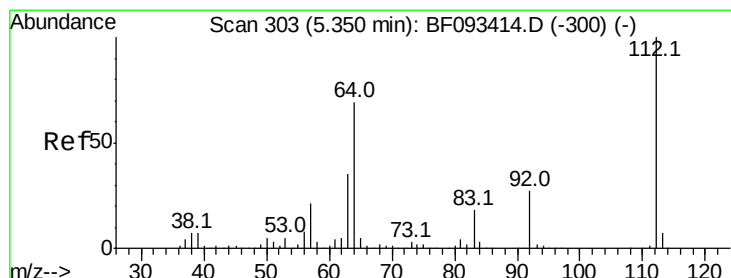
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 131.51 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

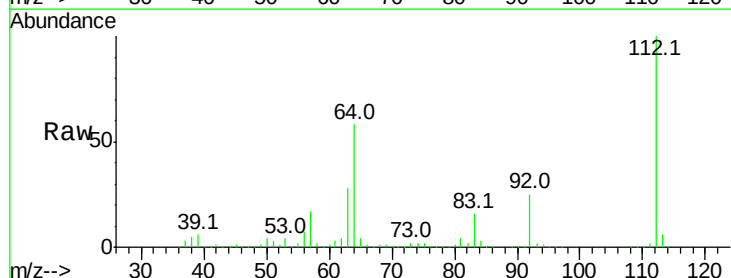
Tgt Ion:112 Resp: 1492032

Ion Ratio Lower Upper

112 100

64 58.0 46.1 69.1

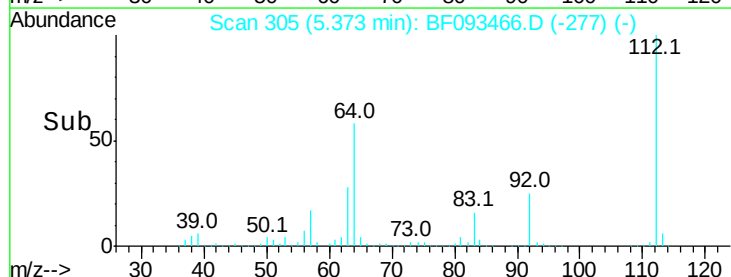
63 28.3 23.8 35.6



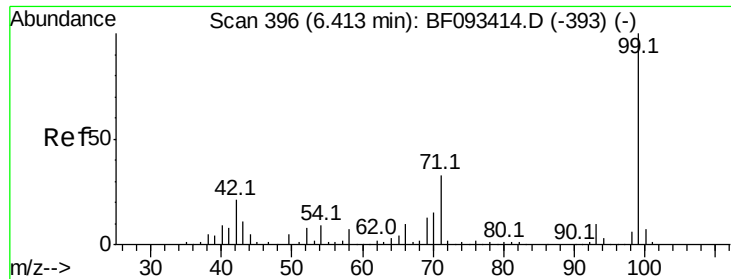
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 128.08 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Instrument :

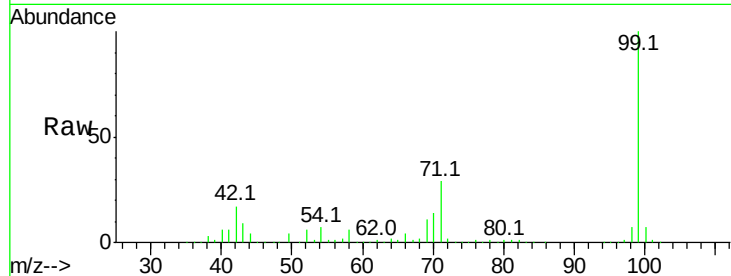
BNA_F

ClientSampleId :

D-21

Tot Ion: 99 Resp: 1832485

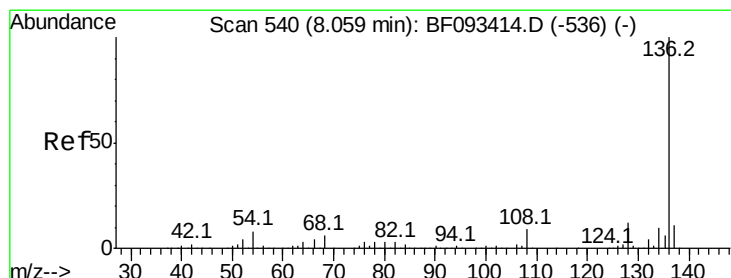
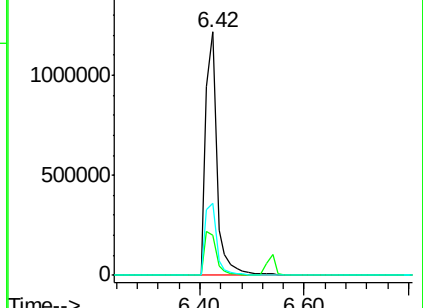
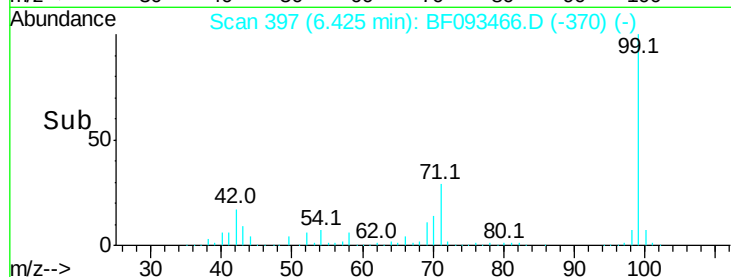
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.6	23.4
71	29.5	27.5	41.3



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: 8.06 min Scan# 540

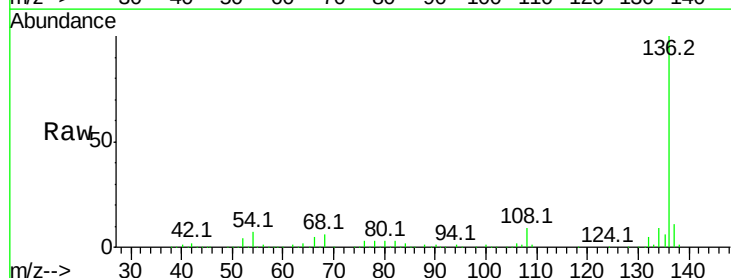
Delta R.T. 0.00 min

Lab File: BF093466.D

Acq: 9 Mar 2017 9:55

Tgt Ion: 136 Resp: 702948

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.2	4.5	6.7#
68	5.7	3.6	5.4#

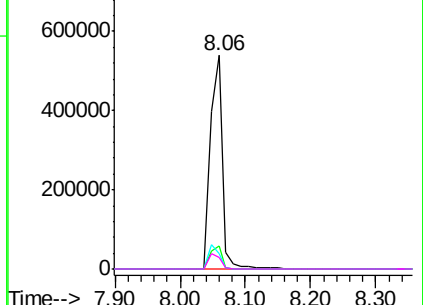
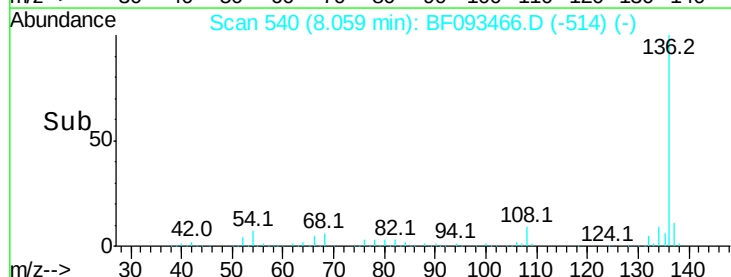


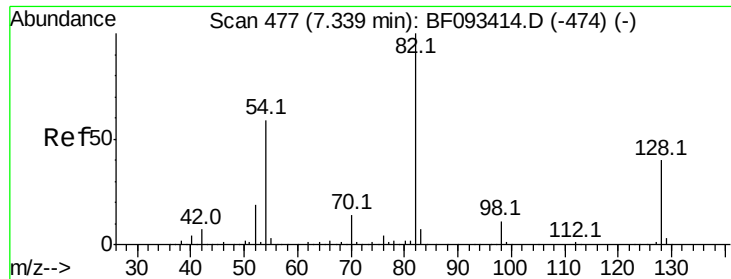
Abundance Ion 136.00 (135.70 to 136.70): E

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

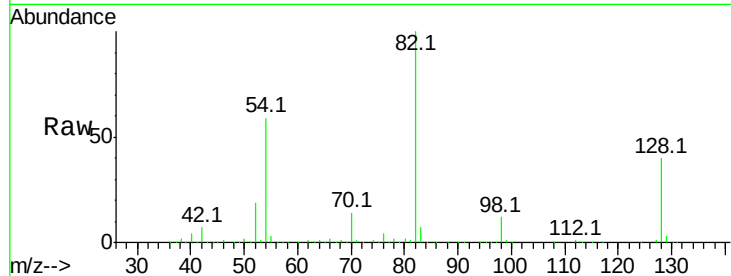




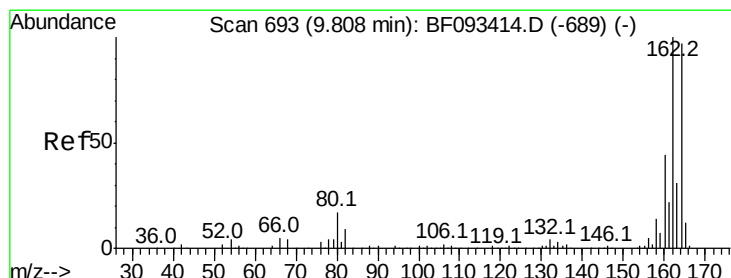
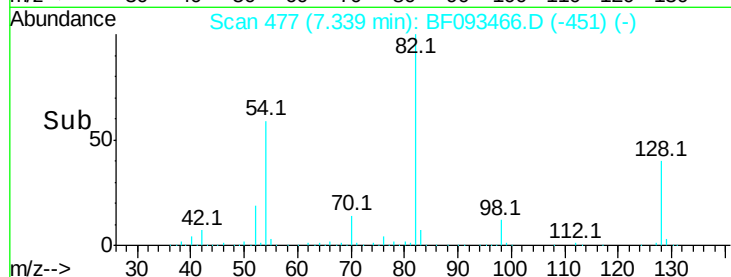
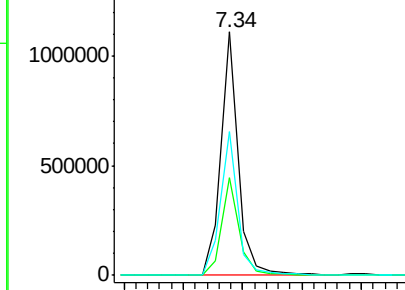
#23
Nitrobenzene-d5
Concen: 88.71 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Instrument :
BNA_F
ClientSampled :
D-21

Tot Ion: 82 Resp: 1123834
Ion Ratio Lower Upper
82 100
128 40.0 34.6 52.0
54 59.2 39.5 59.3

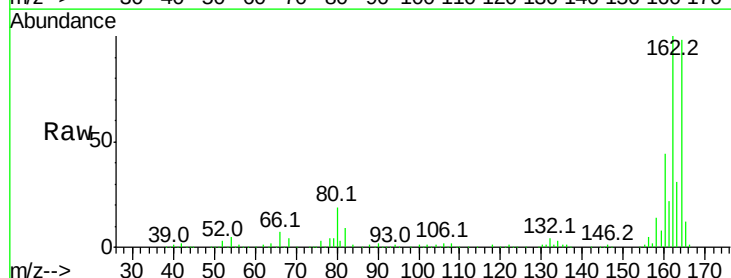


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

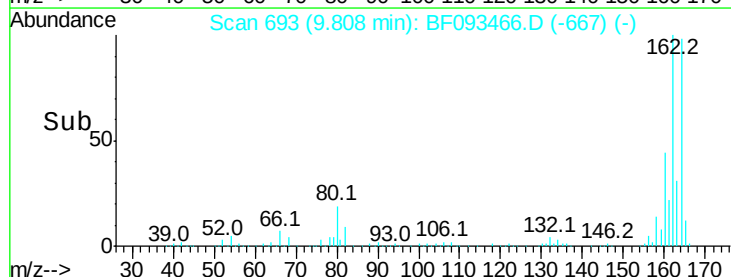
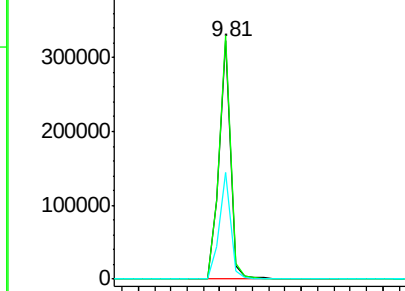


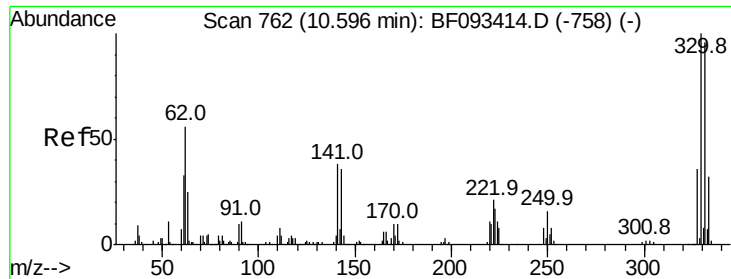
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Tgt Ion:164 Resp: 312986
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 45.0 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

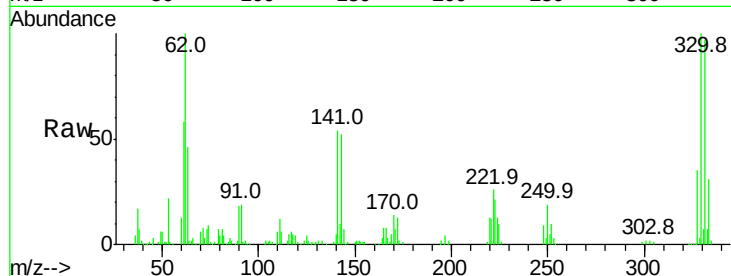




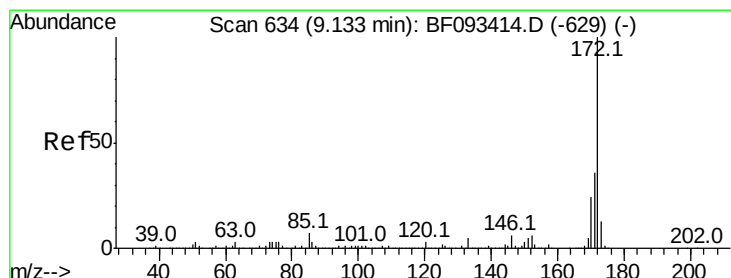
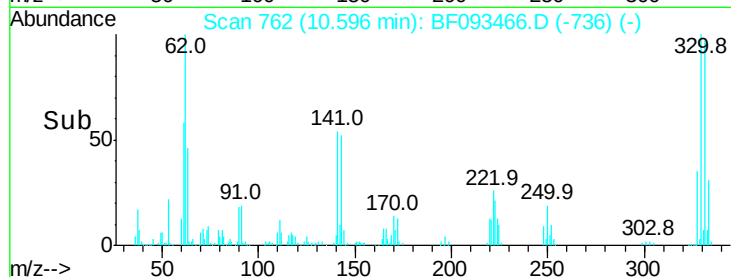
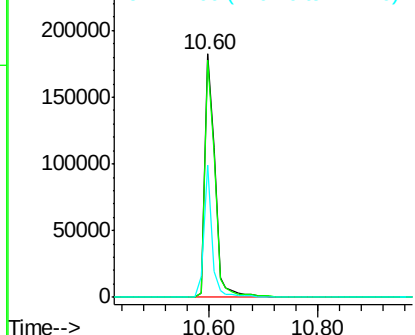
#41
 2,4,6-Tribromophenol
 Concen: 114.42 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampled :
 D-21

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	44.1	34.1	51.1

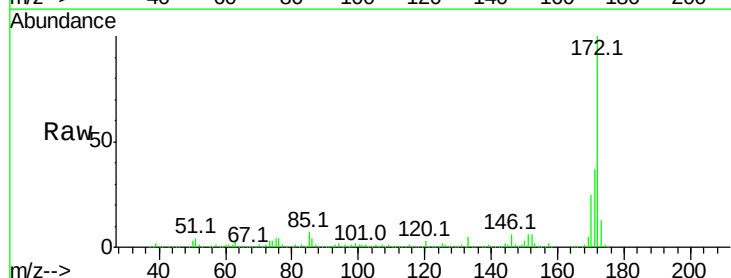


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

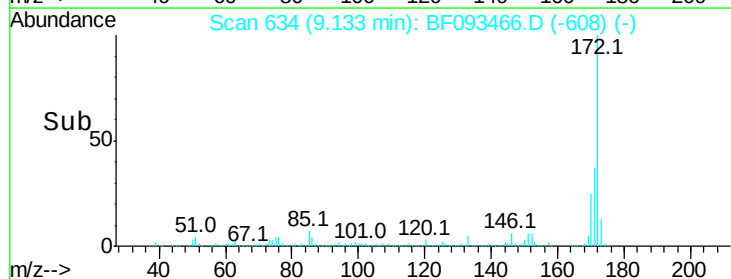
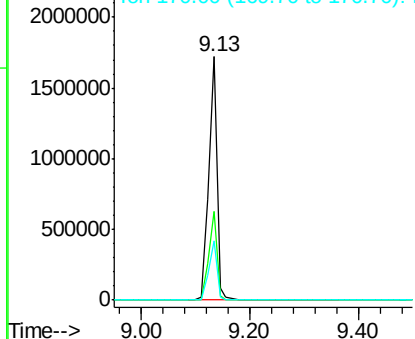


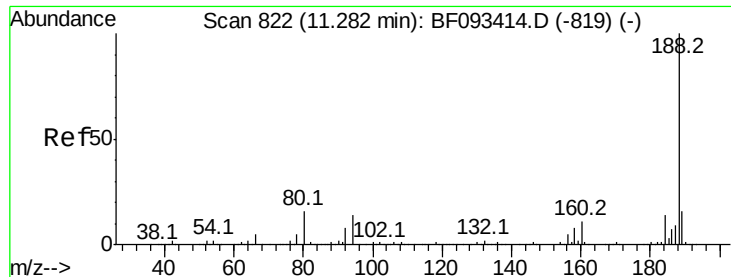
#44
 2-Fluorobiphenyl
 Concen: 106.42 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	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

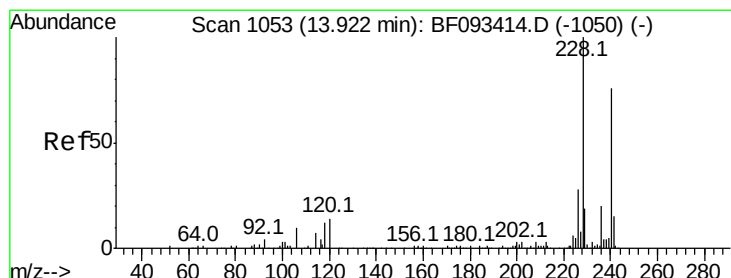
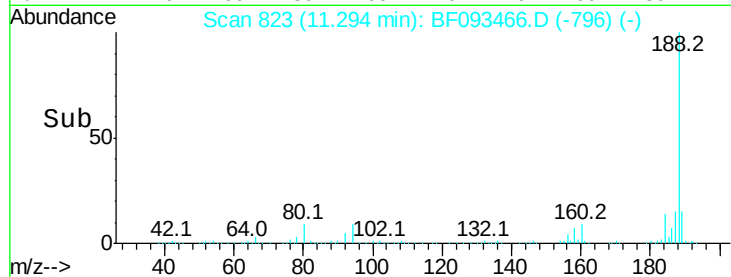
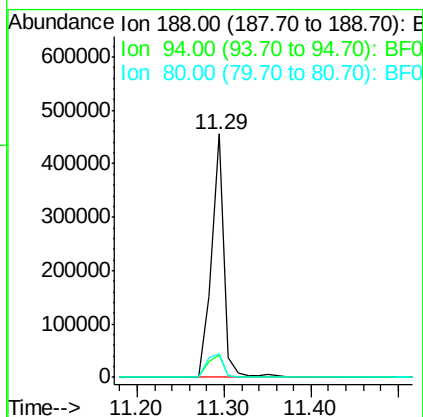
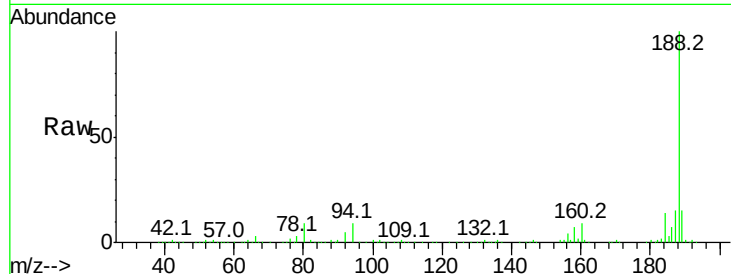




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

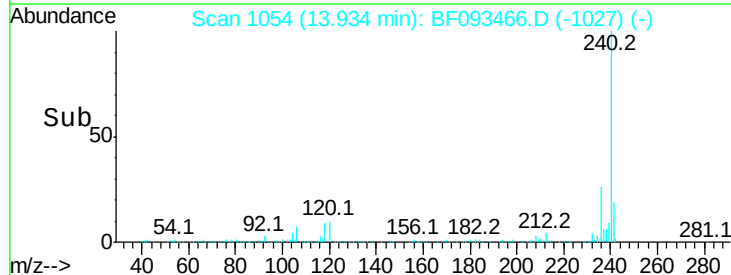
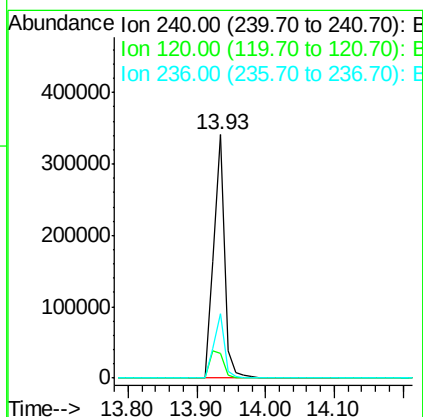
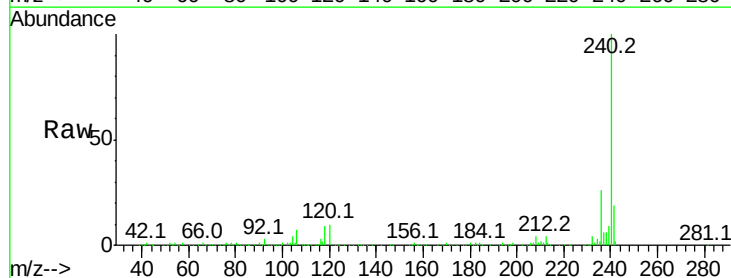
Instrument :
BNA_F
ClientSampleId :
D-21

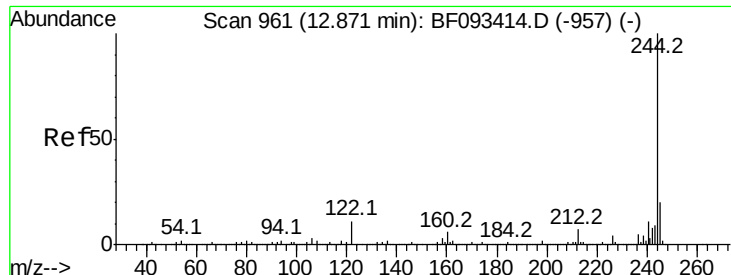
Tot Ion:188 Resp: 459007
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093466.D
Acq: 9 Mar 2017 9:55

Tgt Ion:240 Resp: 385162
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.4 20.9 31.3

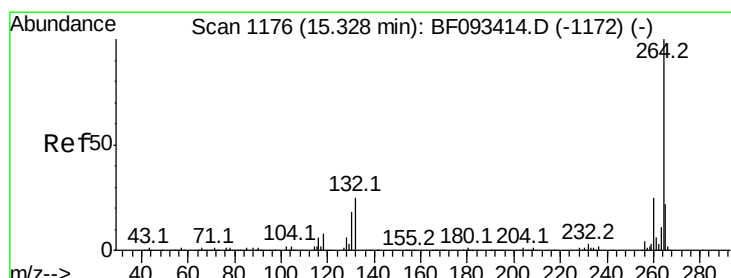
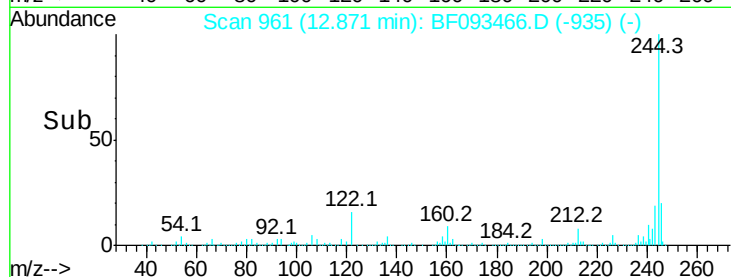
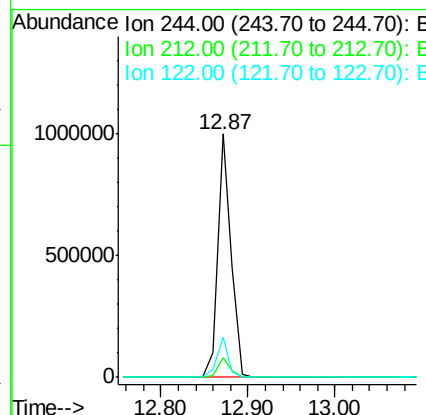
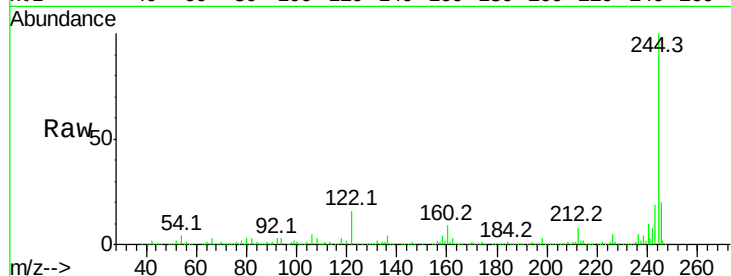




#78
 Terphenyl-d14
 Concen: 72.74 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Instrument :
 BNA_F
 ClientSampleId :
 D-21

Tot Ion:244 Resp: 1077626
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 16.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093466.D
 Acq: 9 Mar 2017 9:55

Tgt Ion:264 Resp: 296971
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.1 17.4 26.0

