

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093952.D
 Acq On : 27 Mar 2017 20:00
 Operator : SJ/MA
 Sample : I2405-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-L-10

Quant Time: Mar 28 00:42:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	165823	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	673678	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	318361	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	589665	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	533733	20.00	ng	-0.02
86) Perylene-d12	16.30	264	448233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	662312	67.46	ng	0.00
7) Phenol-d6	5.53	99	536539	44.18	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1050369	88.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	394497	156.81	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1872697	89.72	ng	-0.01
78) Terphenyl-d14	13.40	244	1662441	69.82	ng	0.00

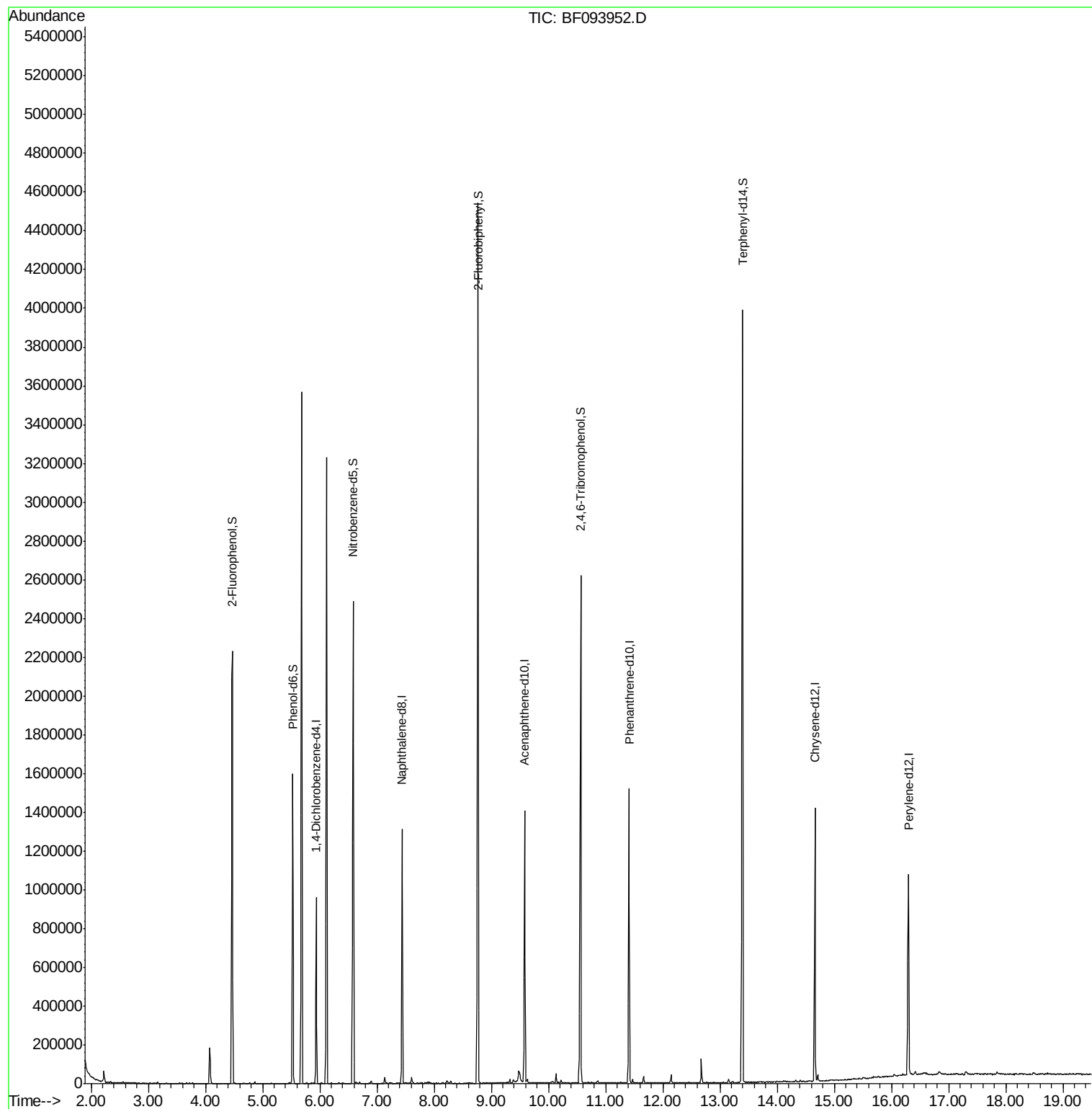
Target Compounds Qvalue

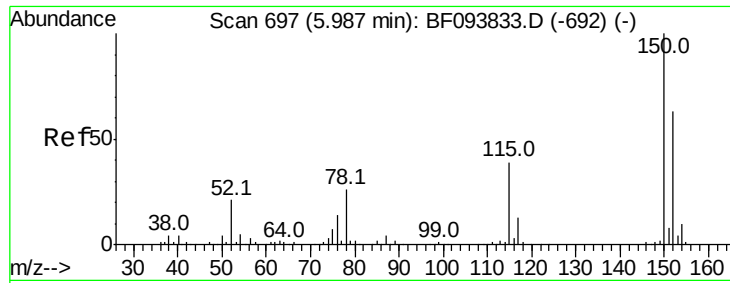
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

Instrument :

BNA_F

ClientSampleId :

EX-L-10

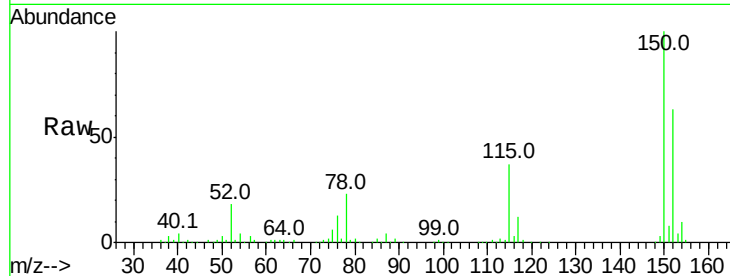
Tot Ion:152 Resp: 165823

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

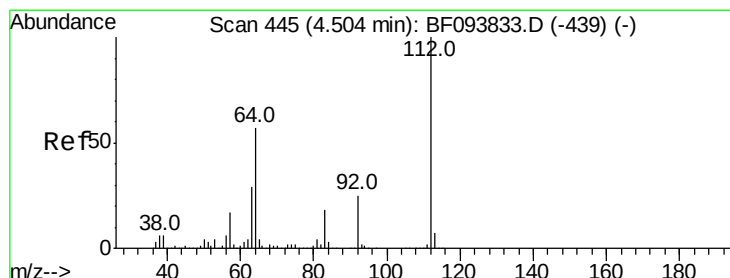
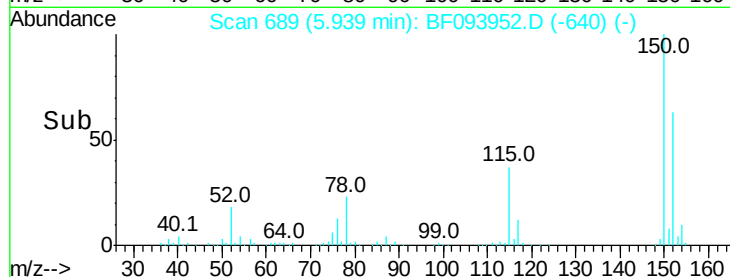
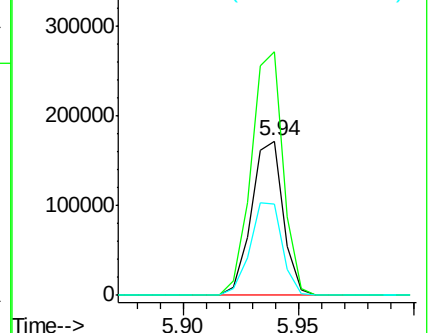
115 58.8 52.2 78.2



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: 67.46 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

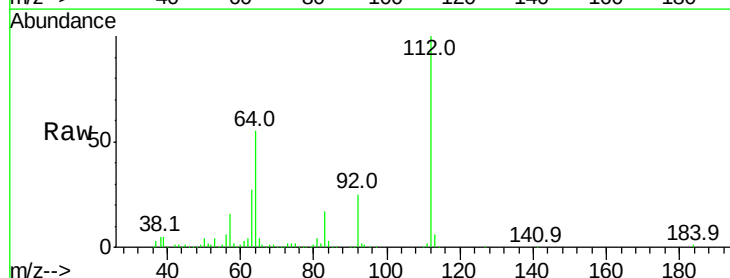
Tgt Ion:112 Resp: 662312

Ion Ratio Lower Upper

112 100

64 55.3 46.0 69.0

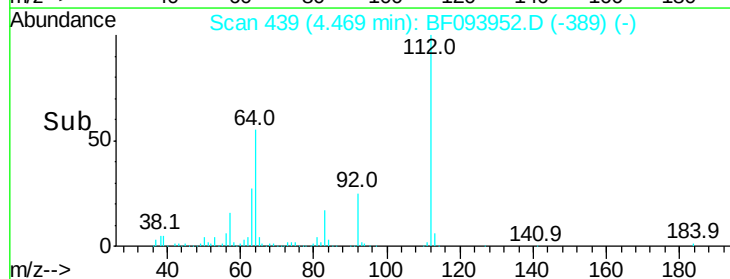
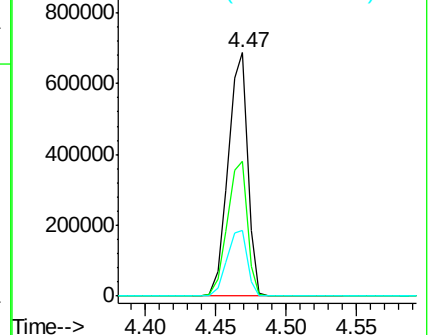
63 27.1 23.4 35.0

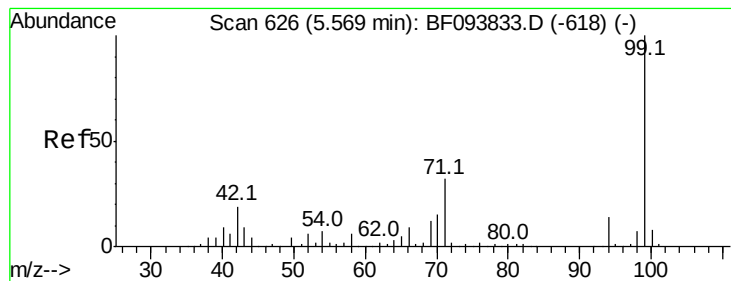


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.18 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

Instrument :

BNA_F

ClientSampleId :

EX-L-10

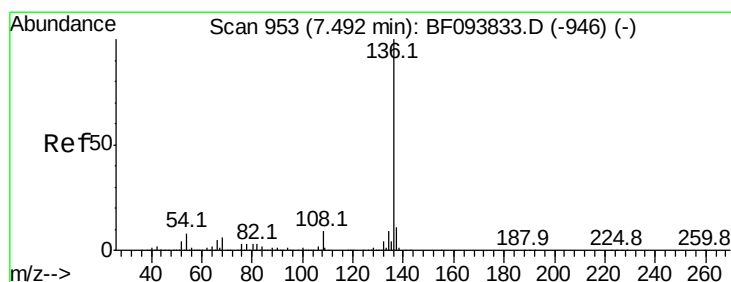
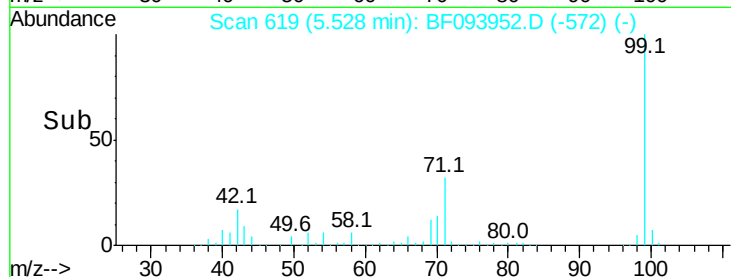
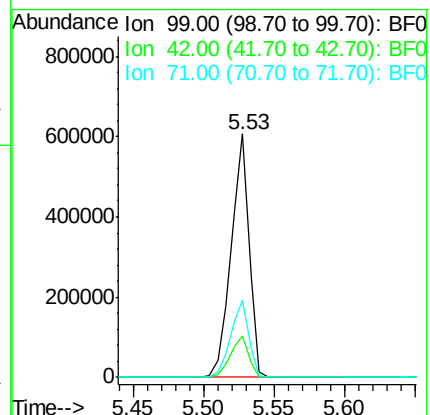
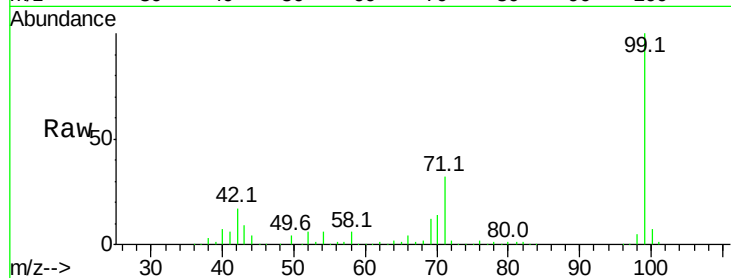
Tot Ion: 99 Resp: 536539

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

Tgt Ion: 136 Resp: 673678

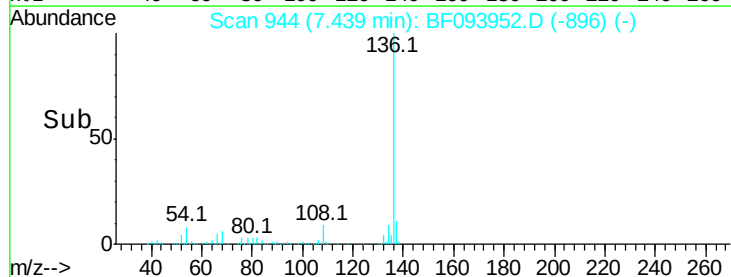
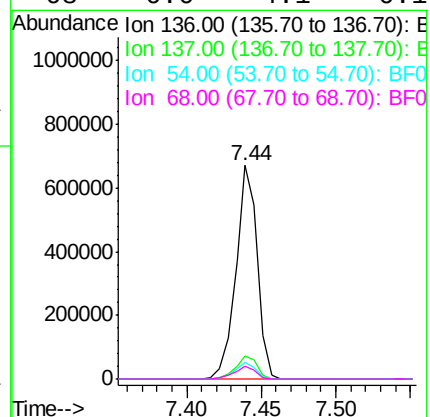
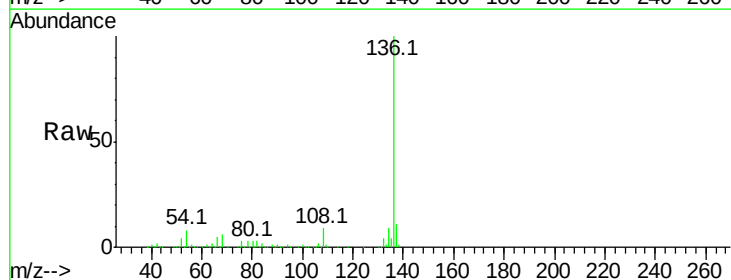
Ion Ratio Lower Upper

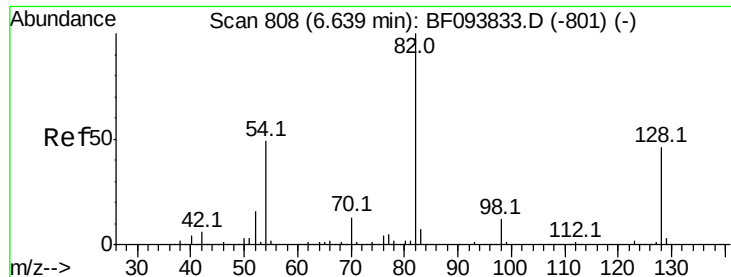
136 100

137 10.8 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1

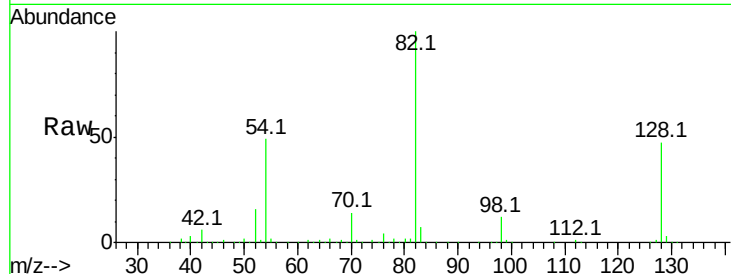




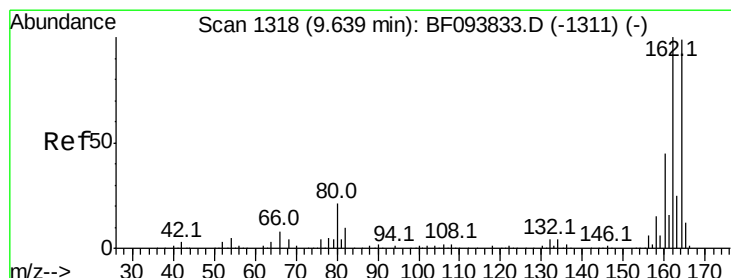
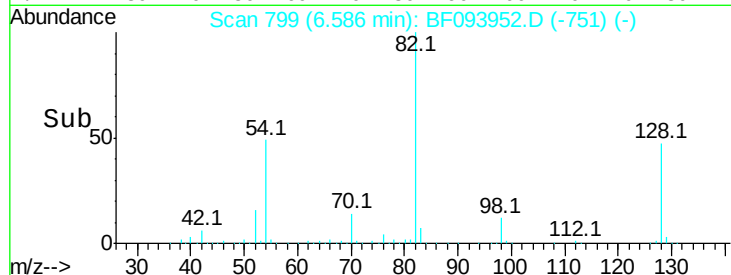
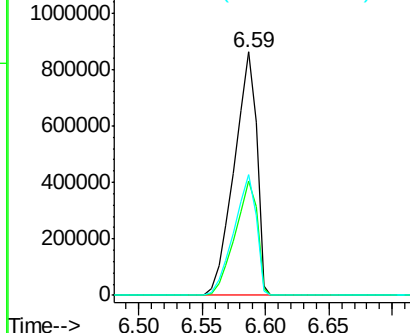
#23
Nitrobenzene-d5
Concen: 88.98 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093952.D
Acq: 27 Mar 2017 20:00

Instrument :
BNA_F
ClientSampled :
EX-L-10

Tot Ion: 82 Resp: 1050369
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 49.4 42.2 63.2

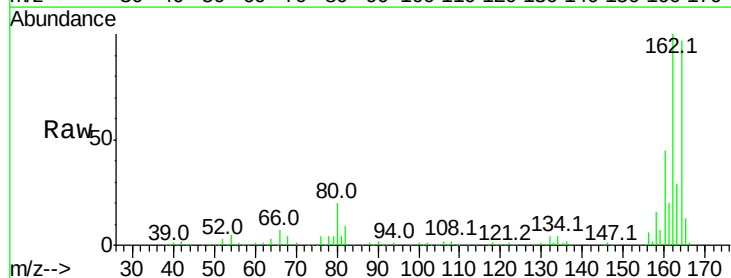


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

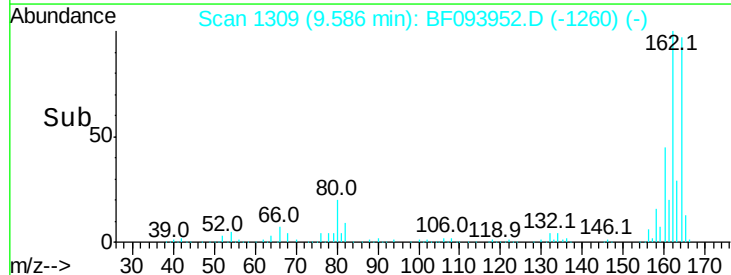
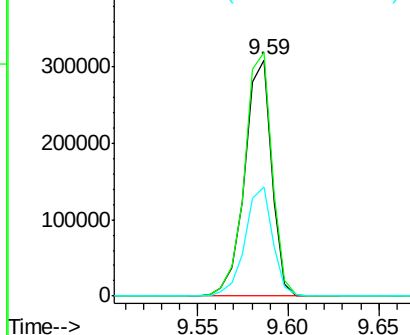


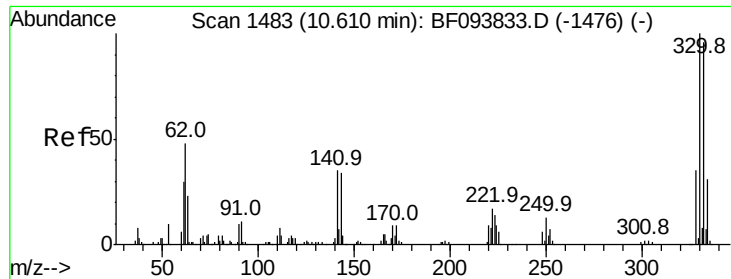
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093952.D
Acq: 27 Mar 2017 20:00

Tgt Ion:164 Resp: 318361
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 46.1 36.2 54.2



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: 156.81 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

Instrument :

BNA_F

ClientSampled :

EX-L-10

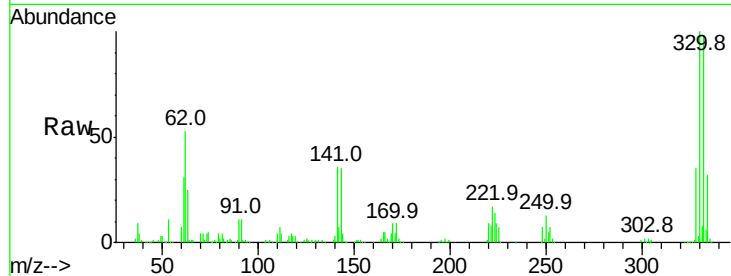
Tot Ion:330 Resp: 394497

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

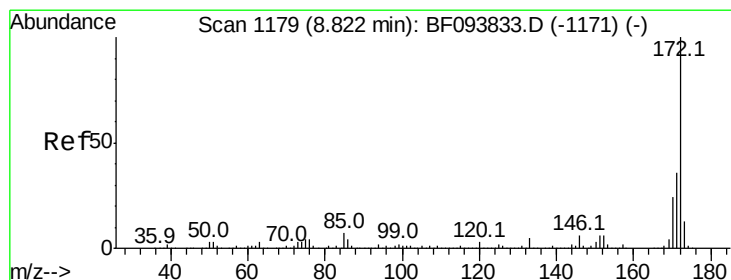
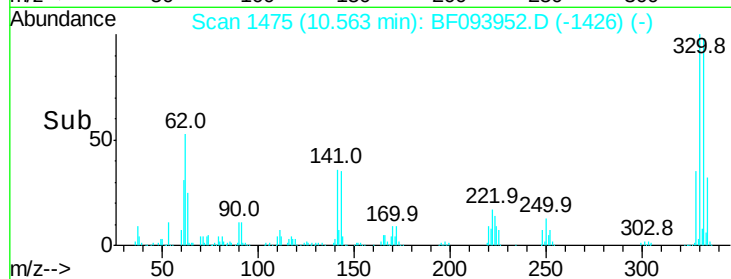
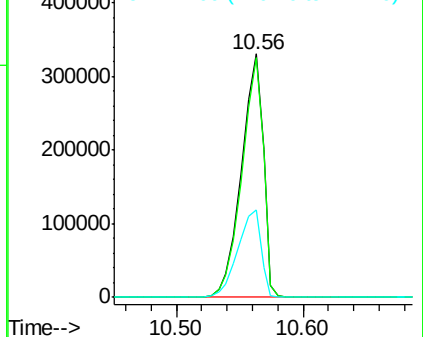
141 38.2 31.4 47.2



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: 89.72 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

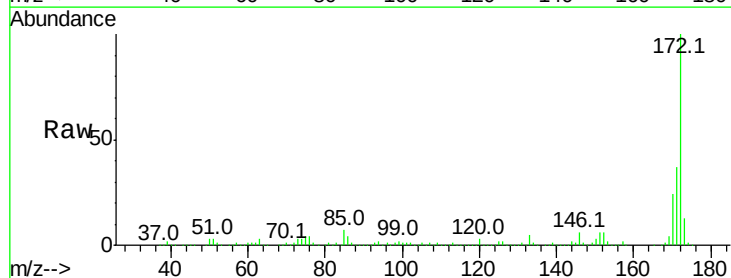
Tgt Ion:172 Resp: 1872697

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

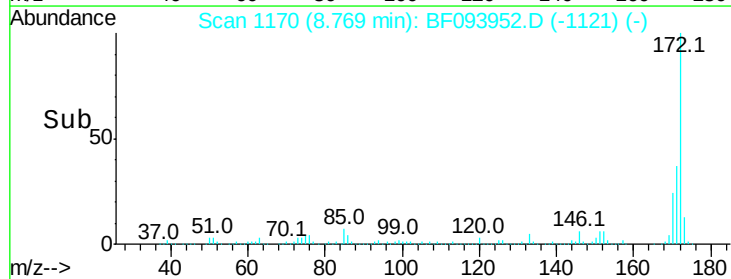
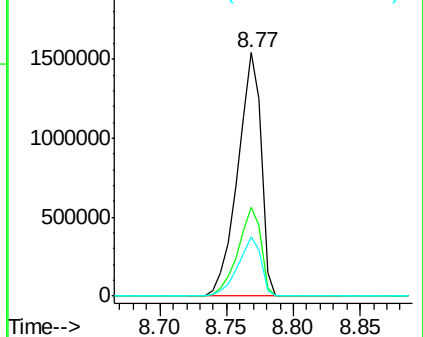
170 24.1 19.8 29.8

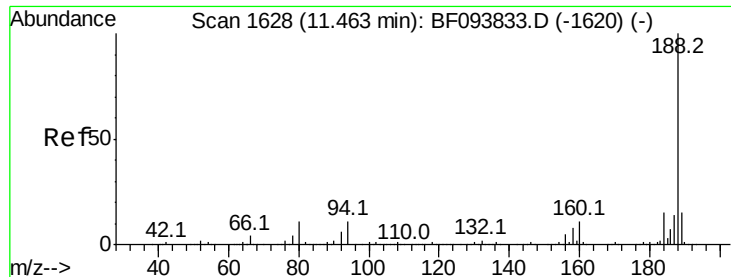


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

Instrument :

BNA_F

ClientSampleId :

EX-L-10

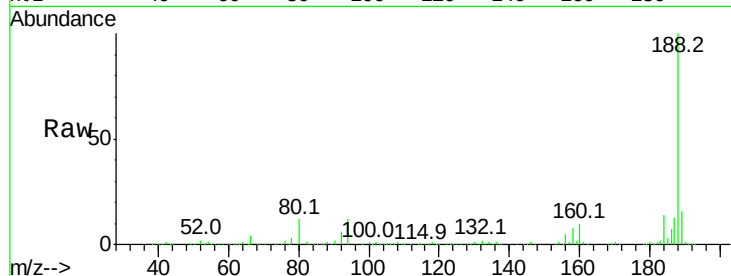
Tot Ion:188 Resp: 589665

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

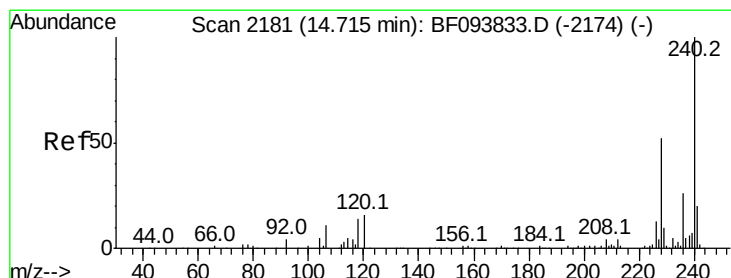
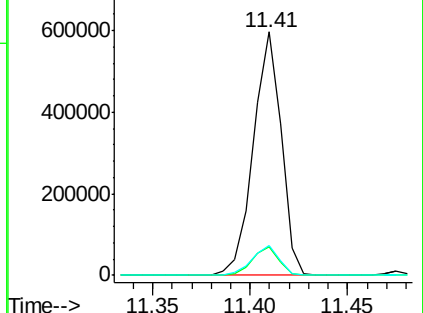
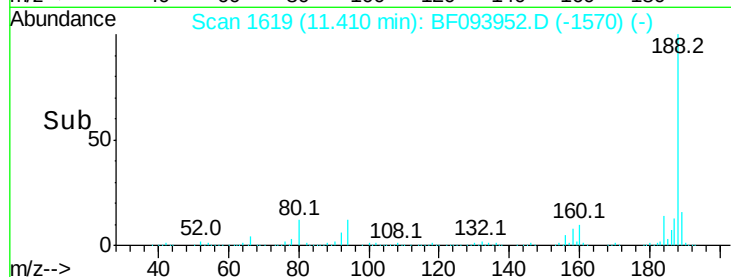
80 12.1 10.2 15.2



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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093952.D

Acq: 27 Mar 2017 20:00

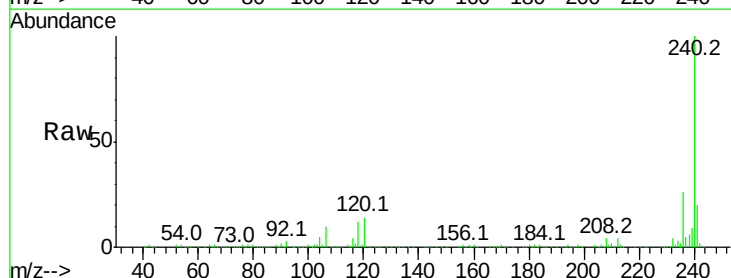
Tgt Ion:240 Resp: 533733

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

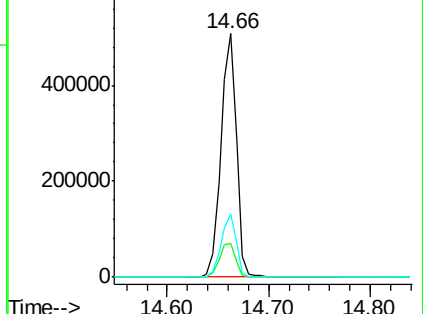
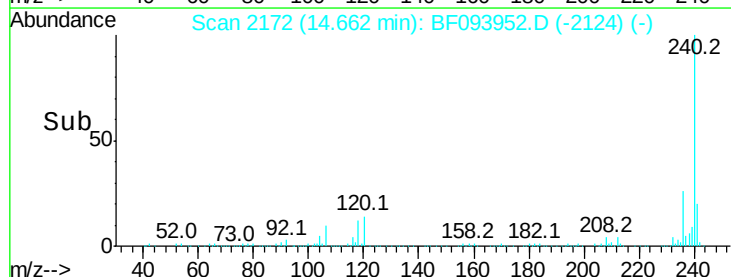
236 26.1 20.5 30.7

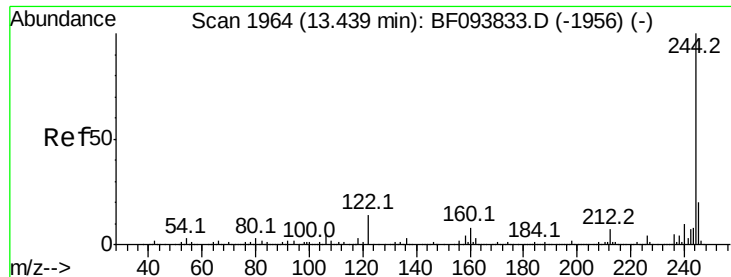


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

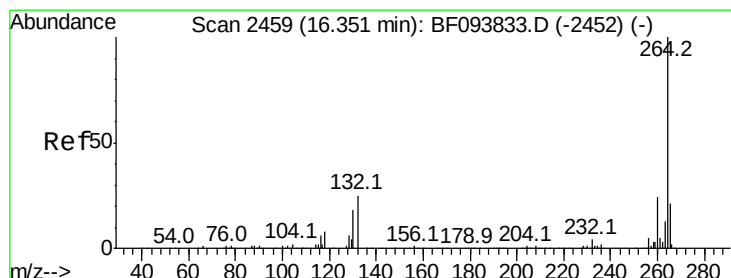
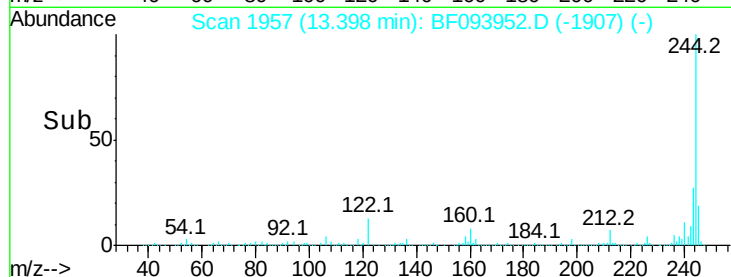
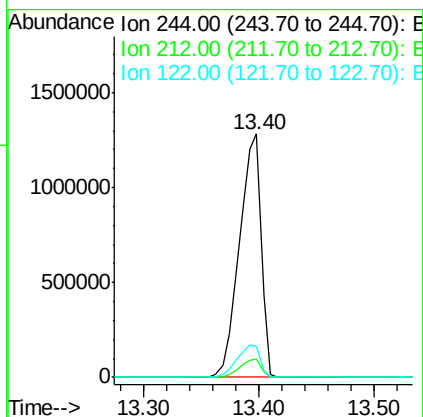
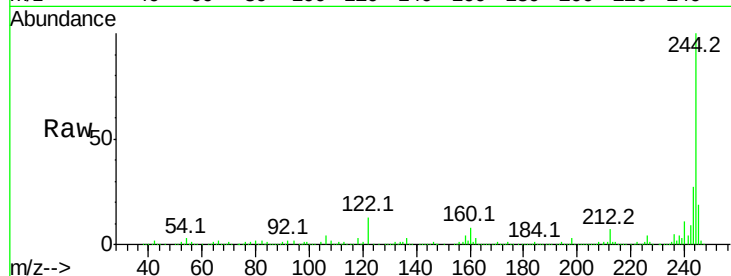




#78
 Terphenyl-d14
 Concen: 69.82 ng
 RT: 13.40 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF093952.D
 Acq: 27 Mar 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 EX-L-10

Tot Ion:244 Resp: 1662441
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093952.D
 Acq: 27 Mar 2017 20:00

Tgt Ion:264 Resp: 448233
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 17.2 25.8

