

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093954.D
 Acq On : 27 Mar 2017 20:55
 Operator : SJ/MA
 Sample : I2405-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANK2

Quant Time: Mar 28 00:46:20 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	168952	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	697958	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	327669	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	595833	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	513248	20.00	ng	-0.02
86) Perylene-d12	16.29	264	408795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	682621	68.24	ng	-0.01
7) Phenol-d6	5.53	99	551378	44.56	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1093988	89.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	398163	153.77	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1942025	90.40	ng	-0.01
78) Terphenyl-d14	13.40	244	1697050	74.11	ng	0.00

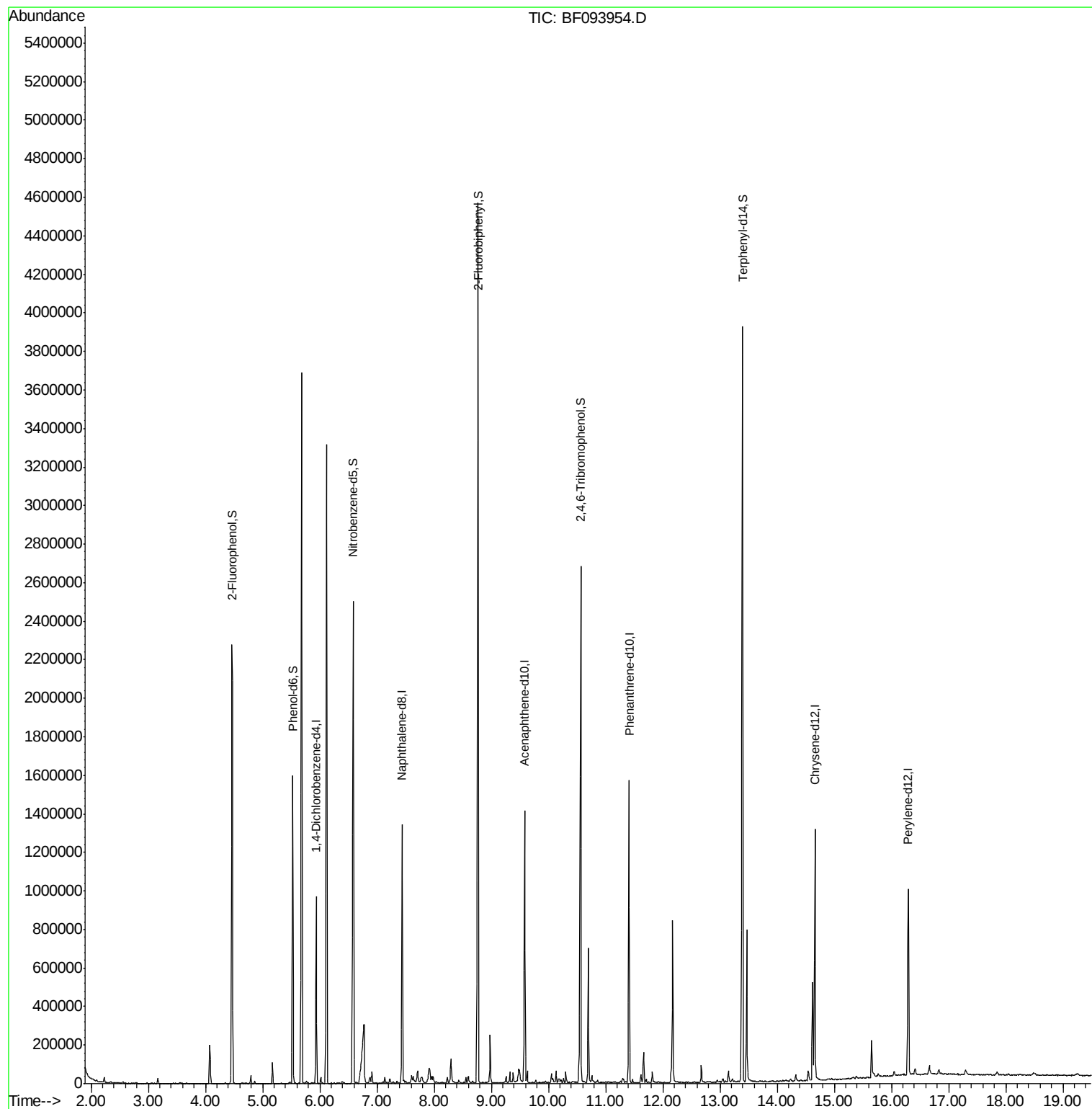
Target Compounds Qvalue

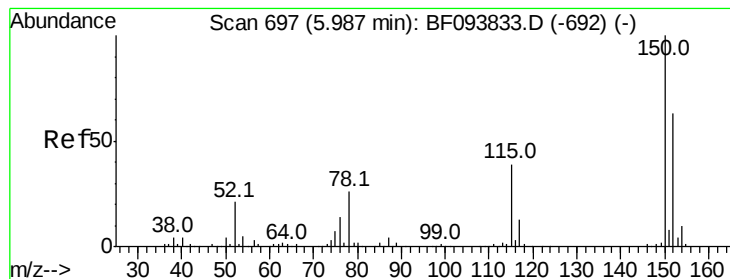
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093954.D

Acq: 27 Mar 2017 20:55

Instrument :

BNA_F

ClientSampleId :

FRACTANK2

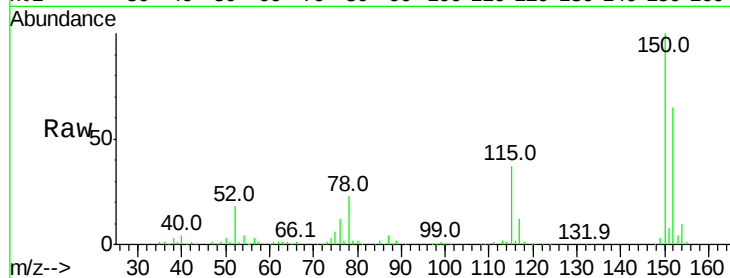
Tot Ion:152 Resp: 168952

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.2

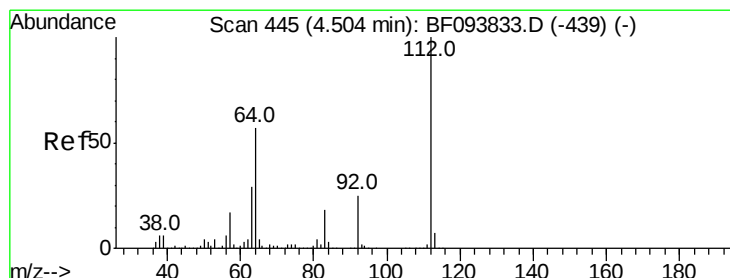
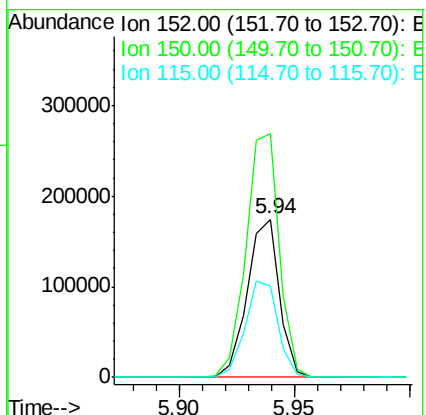
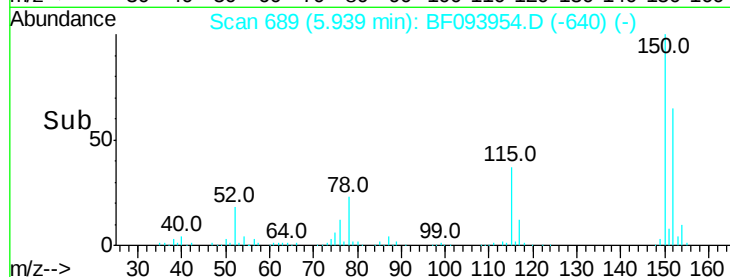
115 57.6 52.2 78.2



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: 68.24 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093954.D

Acq: 27 Mar 2017 20:55

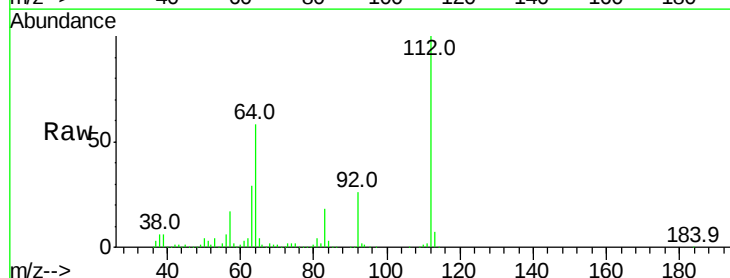
Tgt Ion:112 Resp: 682621

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

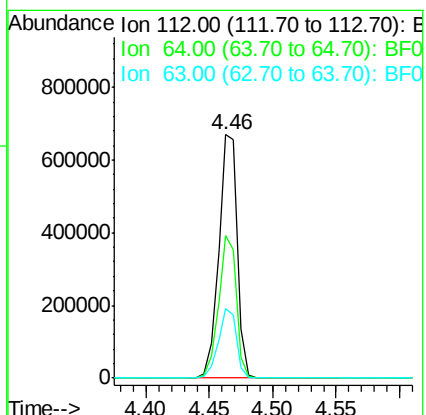
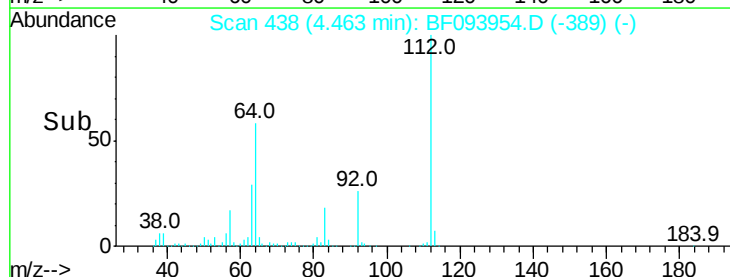
63 28.6 23.4 35.0

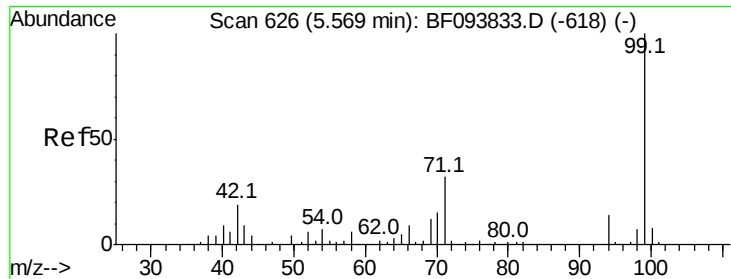


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.56 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093954.D

Acq: 27 Mar 2017 20:55

Instrument :

BNA_F

ClientSampleId :

FRACTANK2

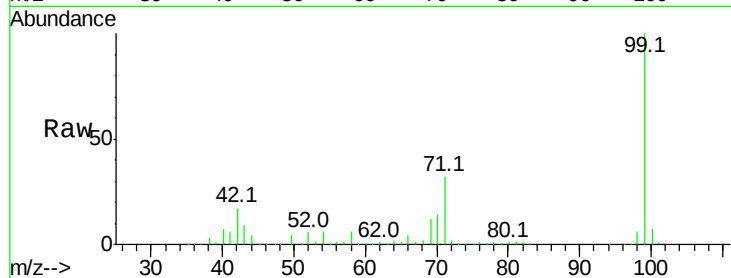
Tot Ion: 99 Resp: 551378

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

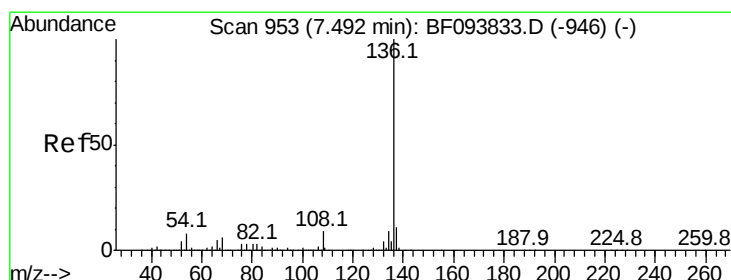
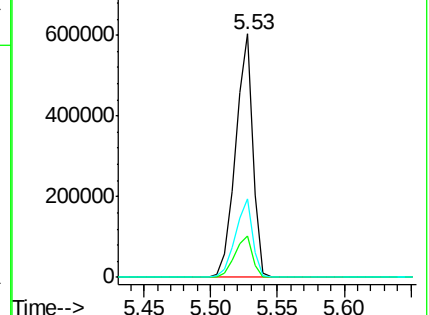
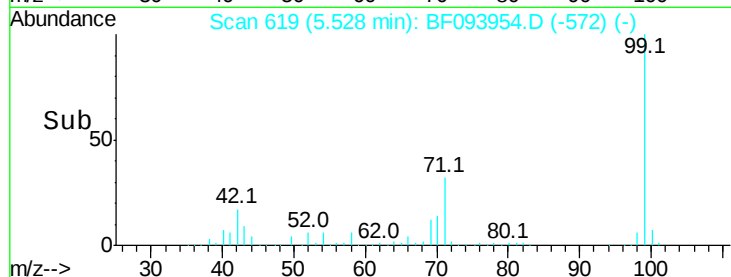
71 32.3 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093954.D

Acq: 27 Mar 2017 20:55

Tgt Ion: 136 Resp: 697958

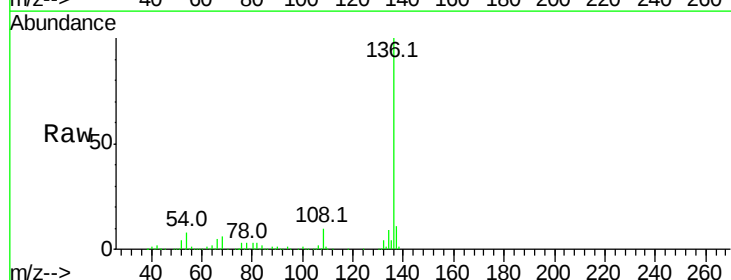
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 6.3 4.1 6.1#

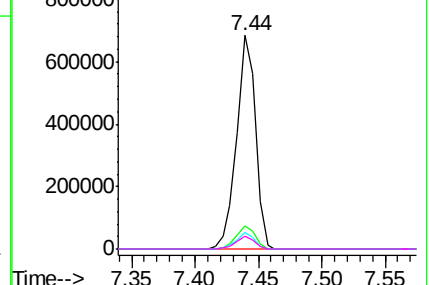
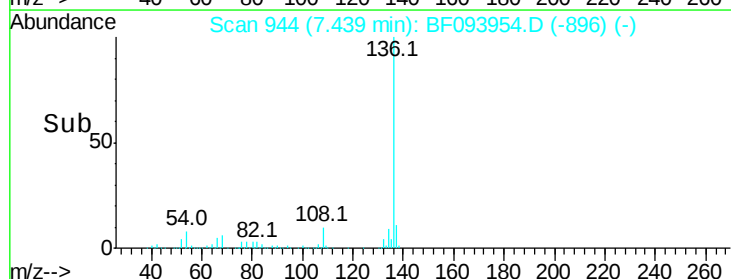


Abundance Ion 136.00 (135.70 to 136.70): E

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



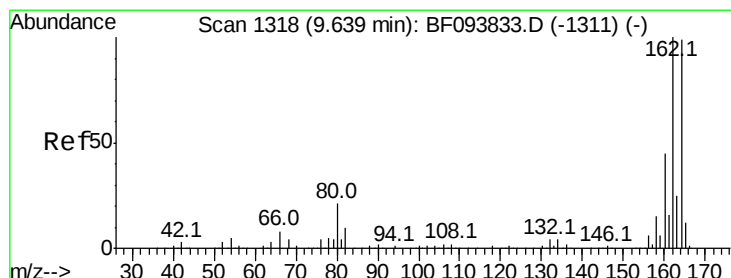
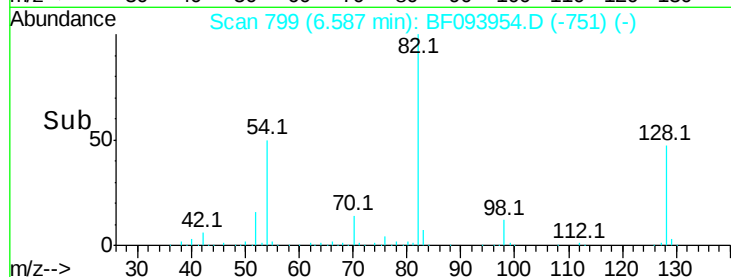
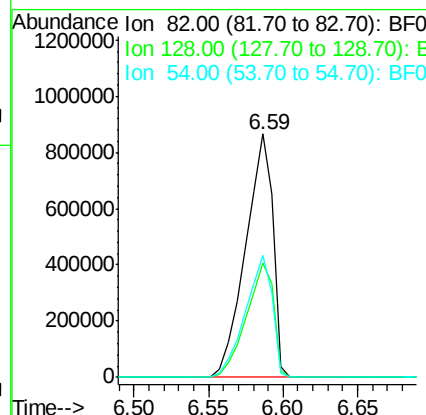
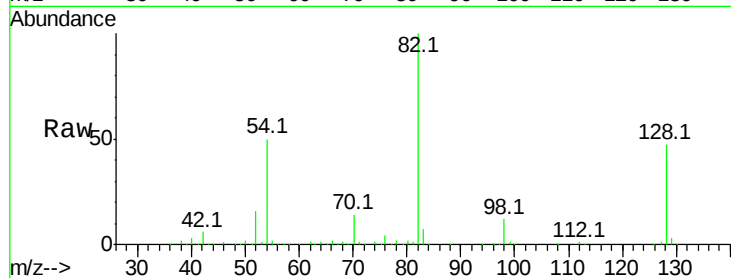


#23
 Nitrobenzene-d5
 Concen: 89.45 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANK2

Tot Ion: 82 Resp: 1093988

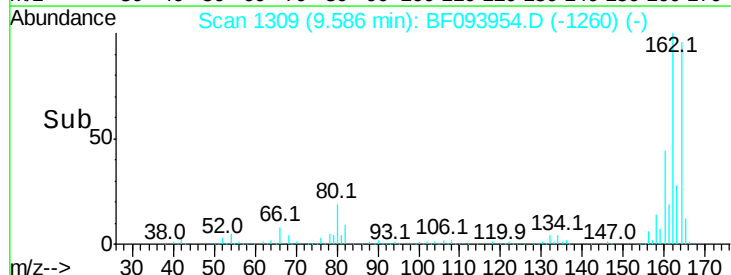
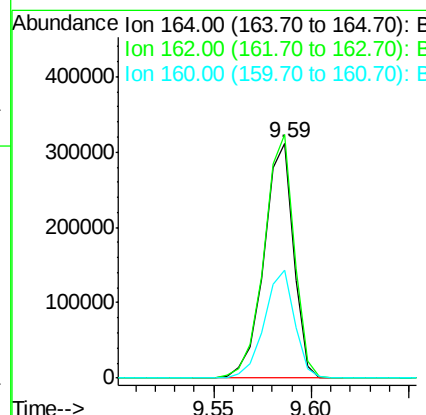
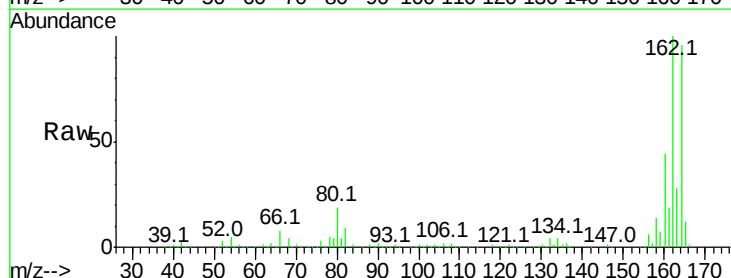
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	50.0	42.2	63.2

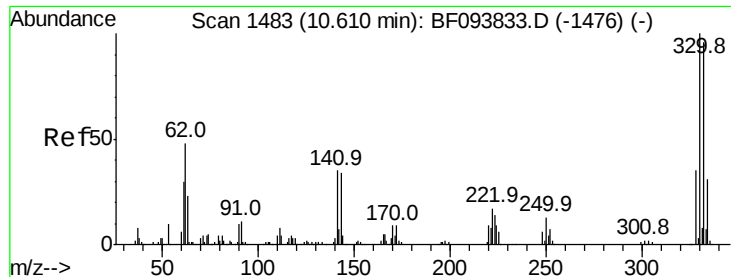


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Tgt Ion:164 Resp: 327669

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.9	36.2	54.2

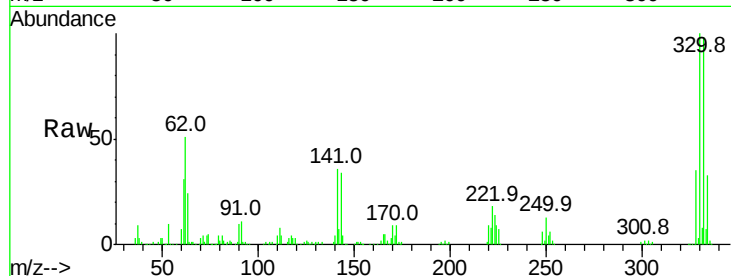




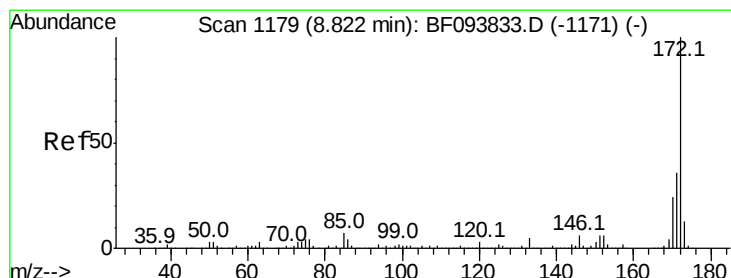
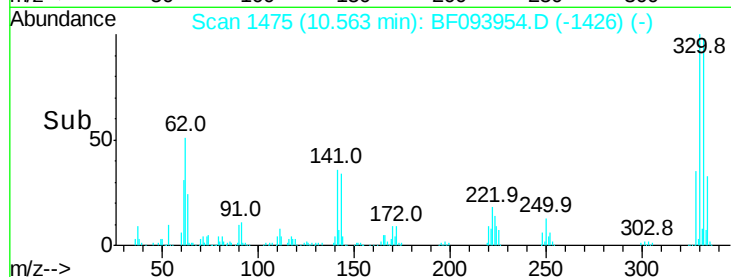
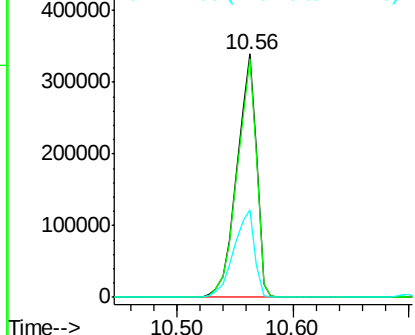
#41
 2,4,6-Tribromophenol
 Concen: 153.77 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANK2

Tot Ion:330 Resp: 398163
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.1 31.4 47.2

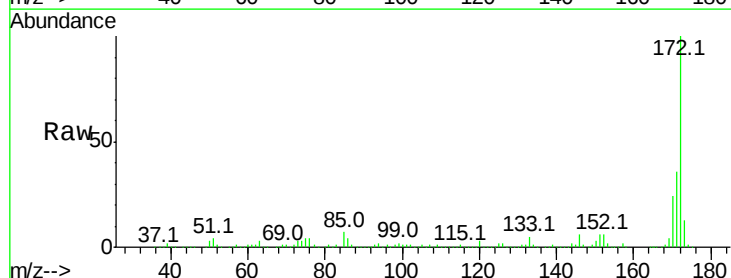


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

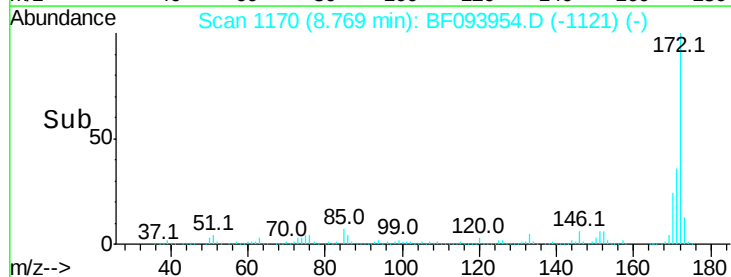
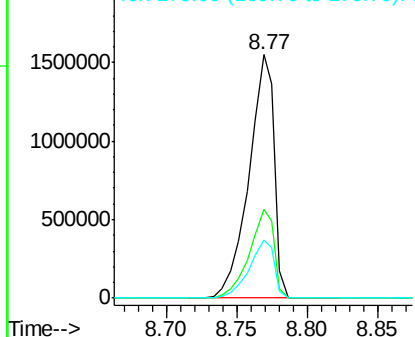


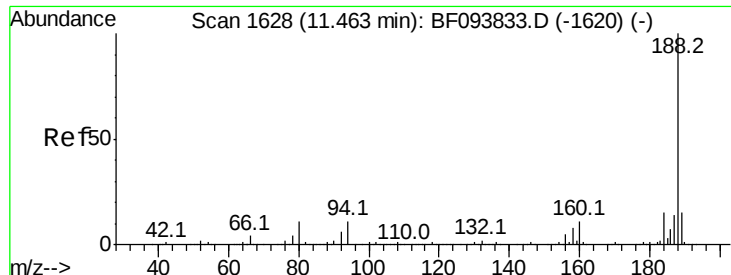
#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Tgt Ion:172 Resp: 1942025
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 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

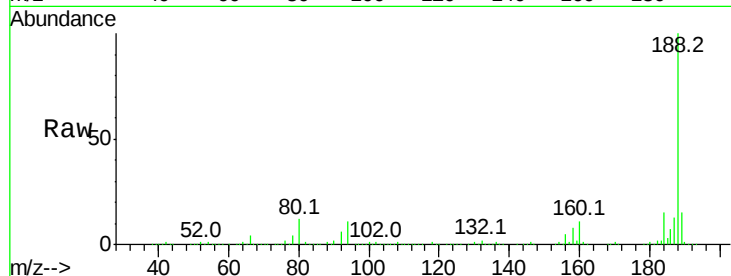




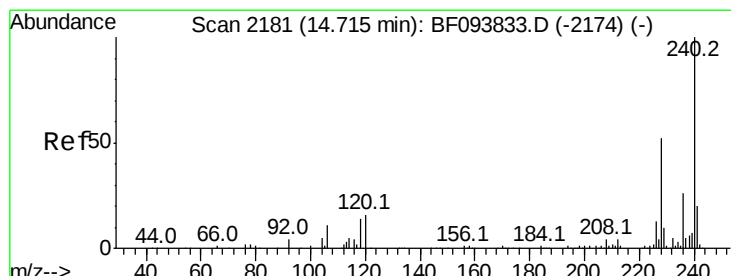
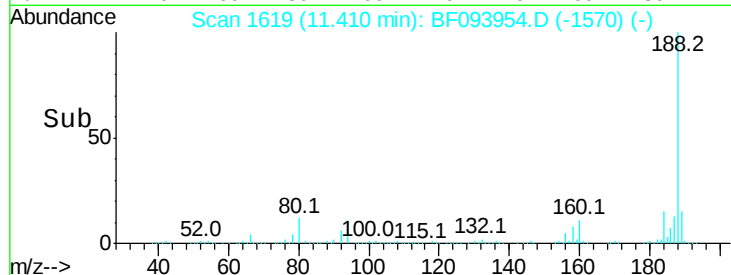
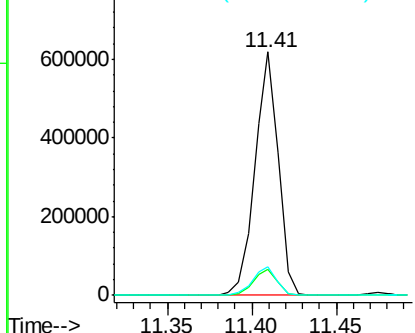
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093954.D
Acq: 27 Mar 2017 20:55

Instrument :
BNA_F
ClientSampleId :
FRACTANK2

Tot Ion:188 Resp: 595833
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.7 10.2 15.2

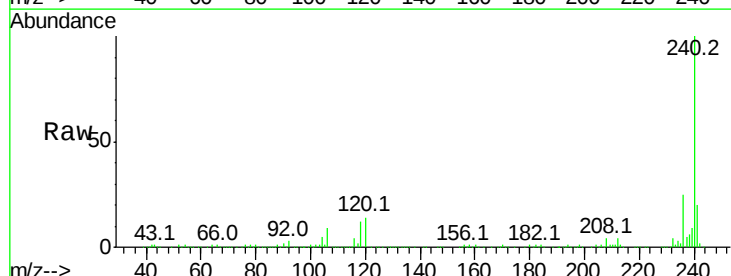


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

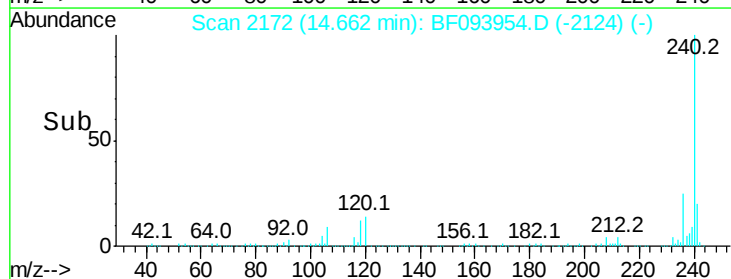
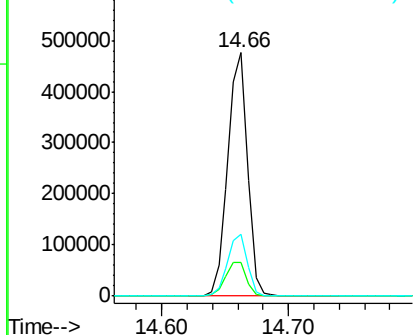


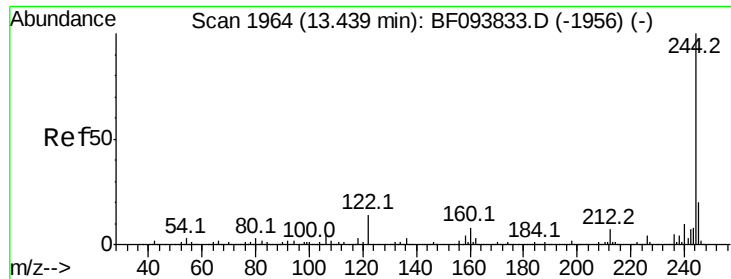
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093954.D
Acq: 27 Mar 2017 20:55

Tgt Ion:240 Resp: 513248
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.2 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

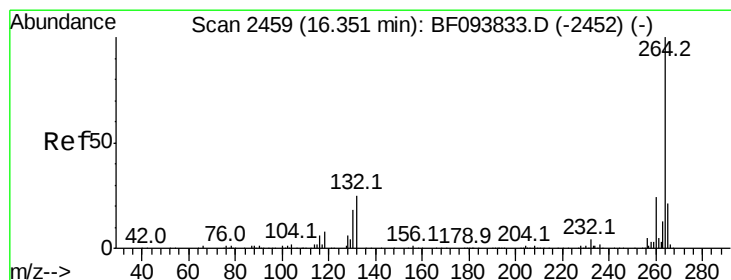
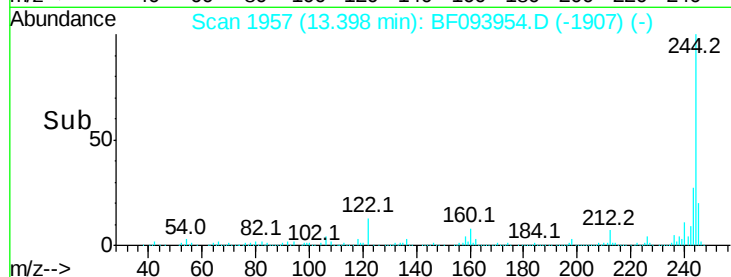
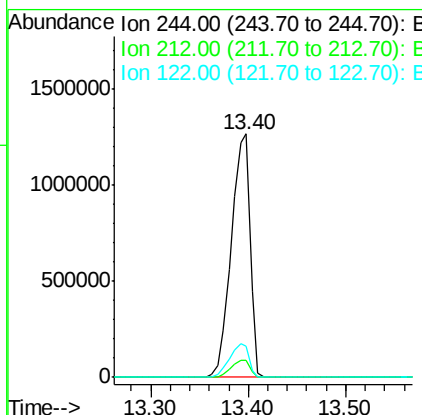
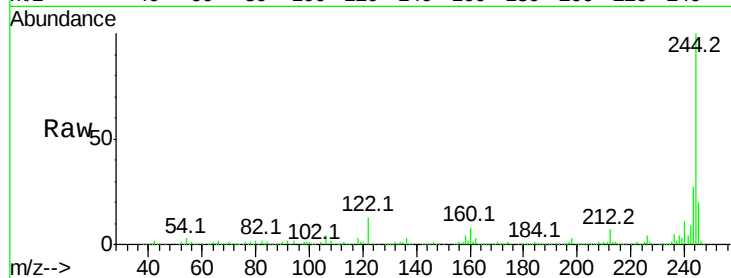




#78
 Terphenyl-d14
 Concen: 74.11 ng
 RT: 13.40 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANK2

Tot Ion:244 Resp: 1697050
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093954.D
 Acq: 27 Mar 2017 20:55

Tgt Ion:264 Resp: 408795
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.9 17.2 25.8

