

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093964.D
 Acq On : 28 Mar 2017 1:31
 Operator : SJ/MA
 Sample : I2412-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Mar 28 06:46:18 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	5.93	152	166771	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	666832	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	313682	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	580223	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	499298	20.00	ng	-0.02
86) Perylene-d12	16.29	264	374974	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	669172	67.77	ng	0.00
7) Phenol-d6	5.53	99	566714	46.40	ng	-0.02
23) Nitrobenzene-d5	6.59	82	992248	84.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	365126	147.30	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1796358	87.35	ng	-0.01
78) Terphenyl-d14	13.39	244	1649511	74.05	ng	-0.01

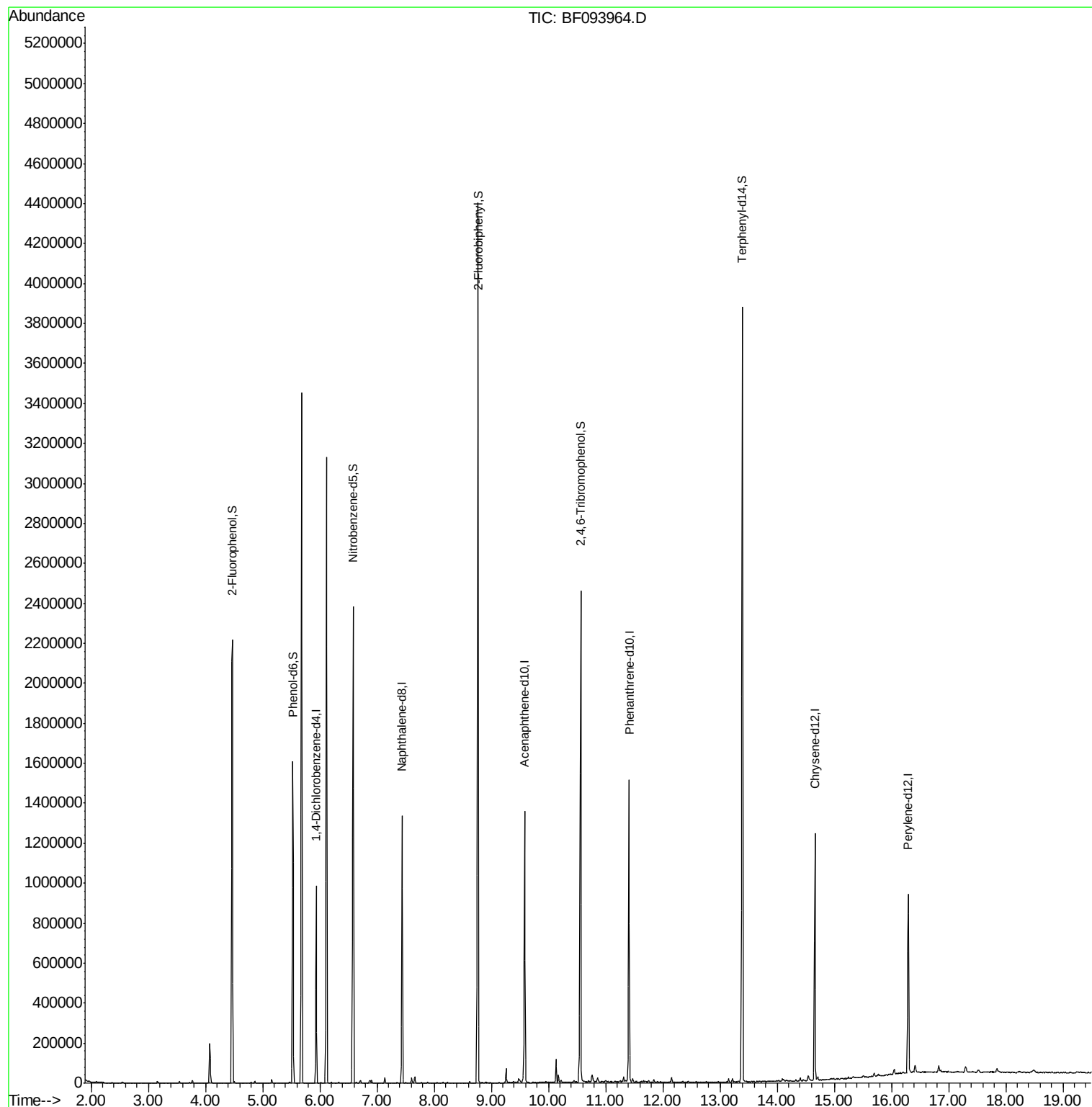
Target Compounds Qvalue

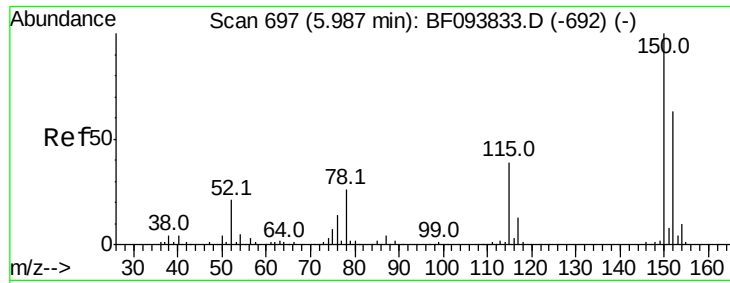
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

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BNA_F

ClientSampleId :

W-1A

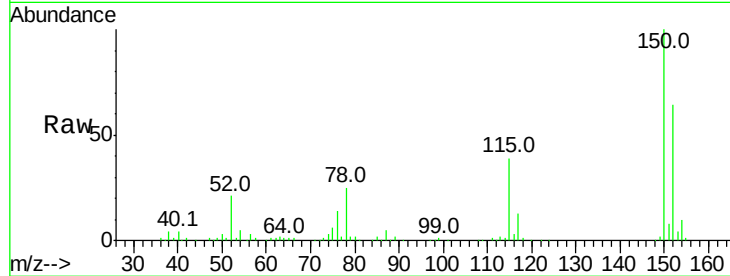
Tot Ion:152 Resp: 166771

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

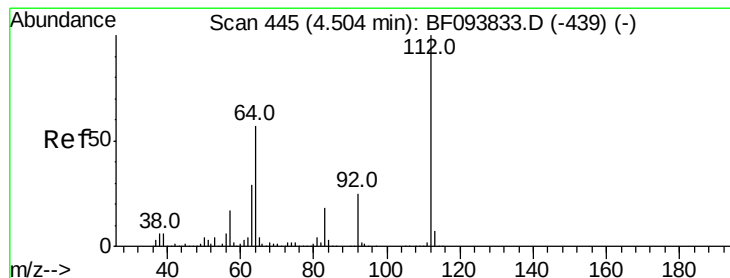
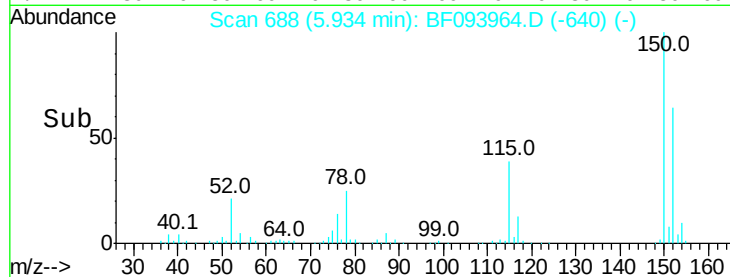
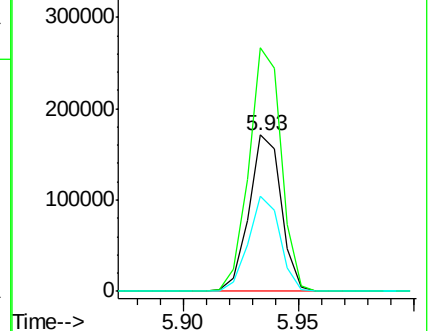
115 60.7 52.2 78.2



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: 67.77 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

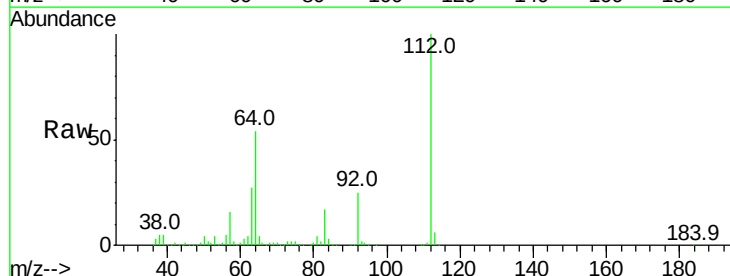
Tgt Ion:112 Resp: 669172

Ion Ratio Lower Upper

112 100

64 54.3 46.0 69.0

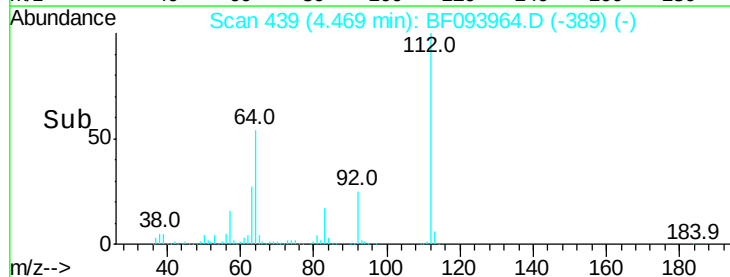
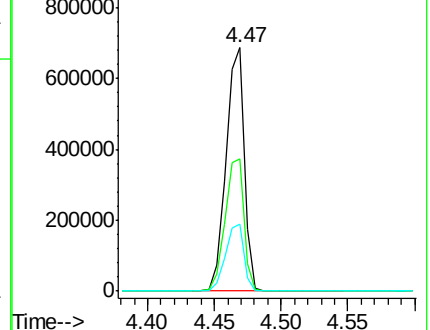
63 27.5 23.4 35.0

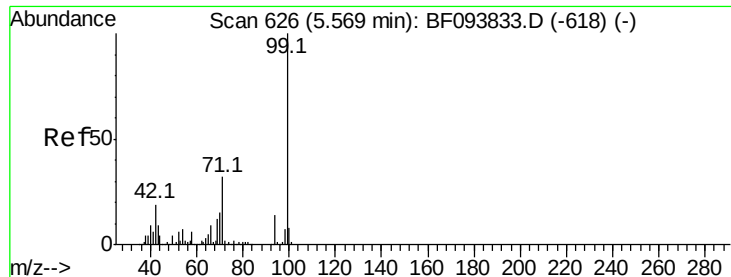


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.40 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

ClientSampleId :

W-1A

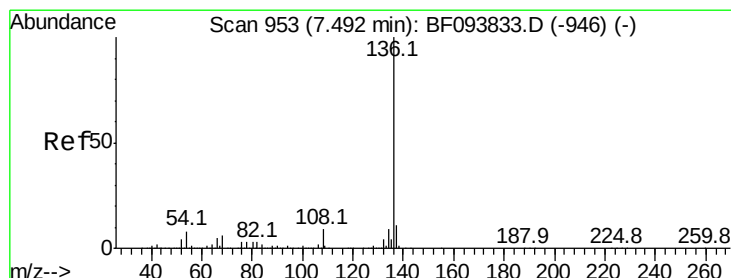
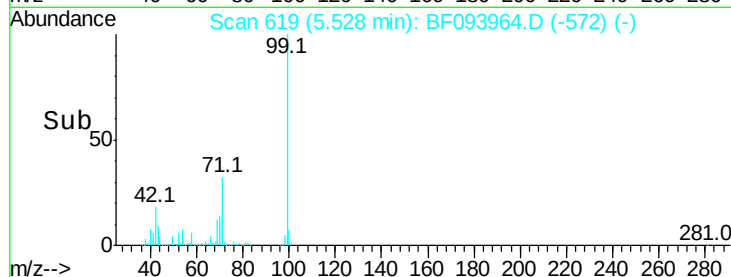
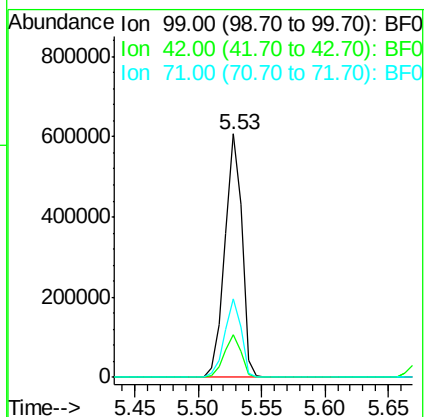
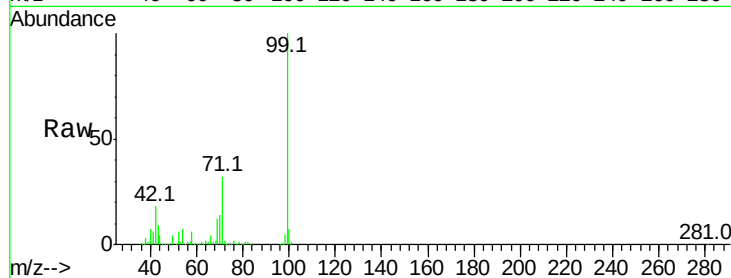
Tot Ion: 99 Resp: 566714

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 32.2 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: BF093964.D

Acq: 28 Mar 2017 1:31

Tgt Ion: 136 Resp: 666832

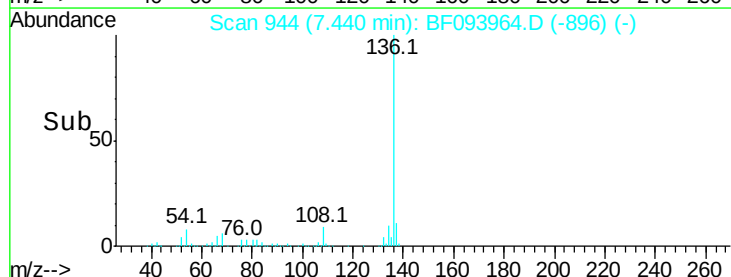
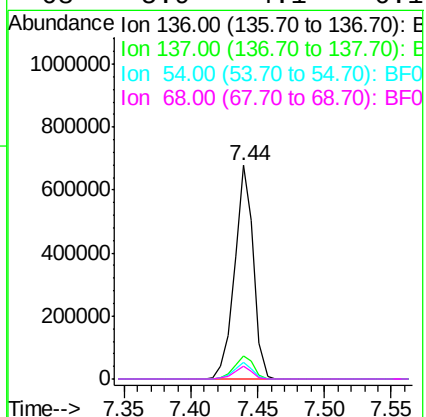
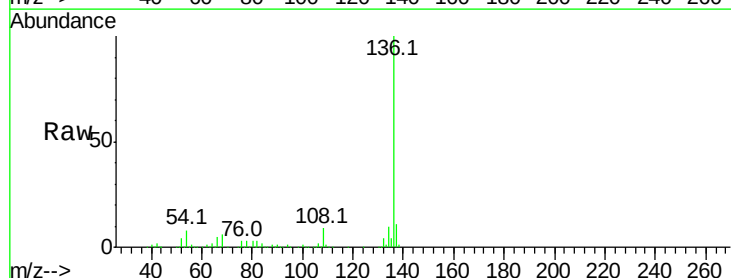
Ion Ratio Lower Upper

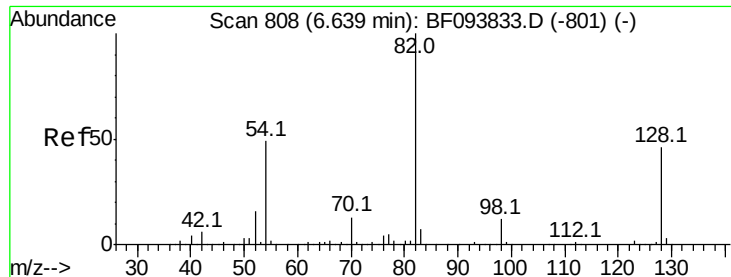
136 100

137 11.1 8.5 12.7

54 7.9 4.9 7.3#

68 5.9 4.1 6.1

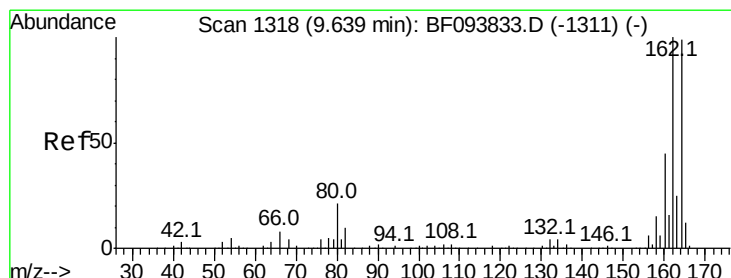
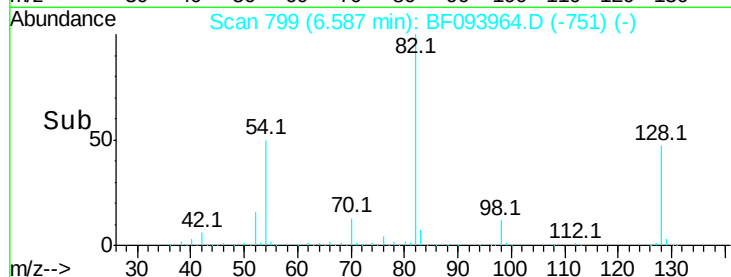
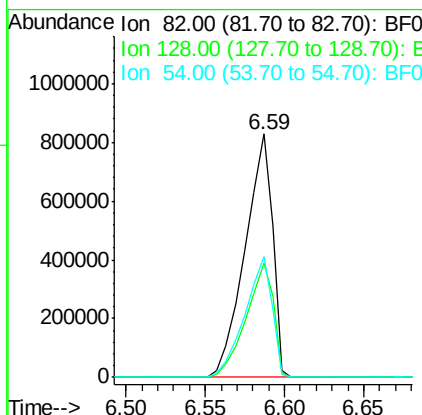
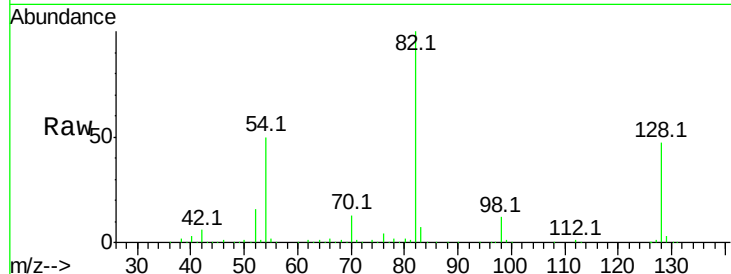




#23
 Nitrobenzene-d5
 Concen: 84.92 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

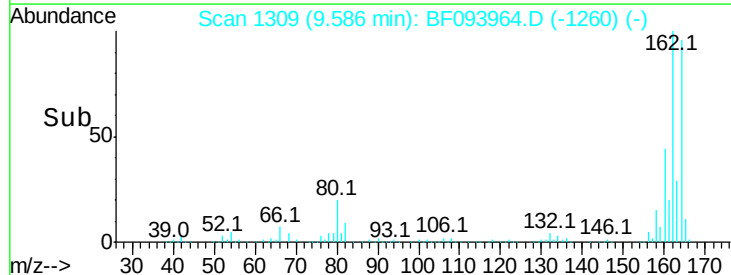
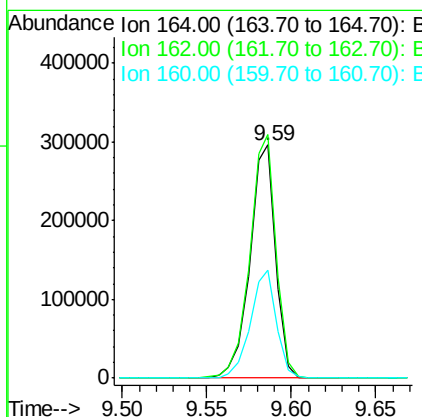
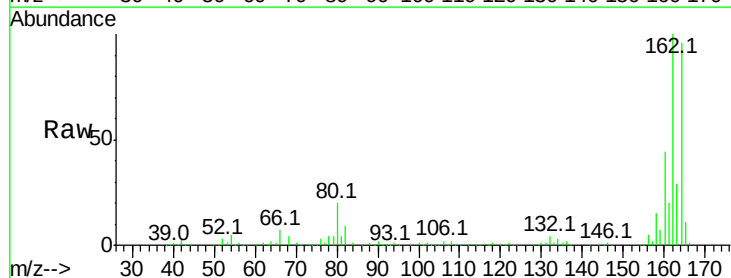
Instrument :
 BNA_F
 ClientSampled :
 W-1A

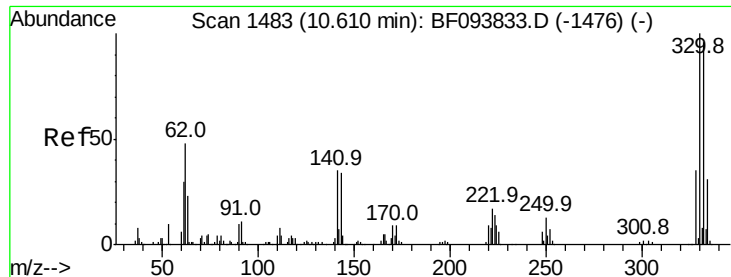
Tot Ion: 82 Resp: 992248
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Tgt Ion:164 Resp: 313682
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.2 36.2 54.2

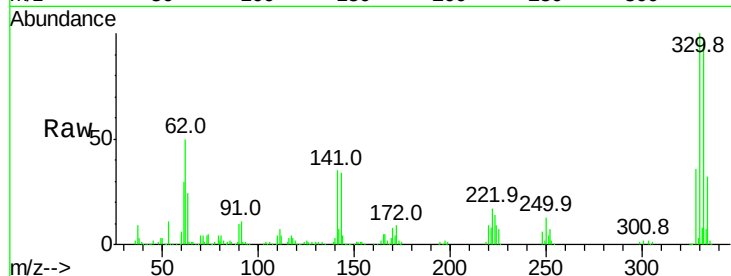




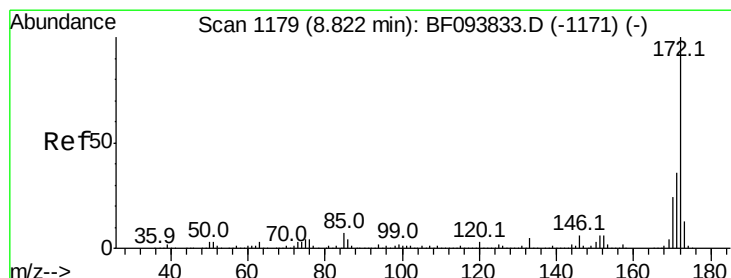
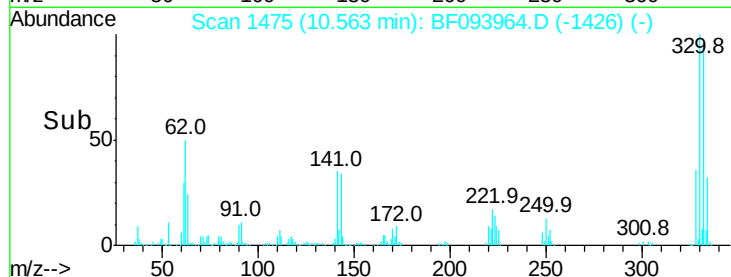
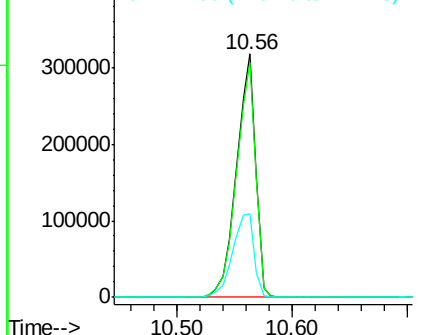
#41
 2,4,6-Tribromophenol
 Concen: 147.30 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion:330 Resp: 365126
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.7 31.4 47.2

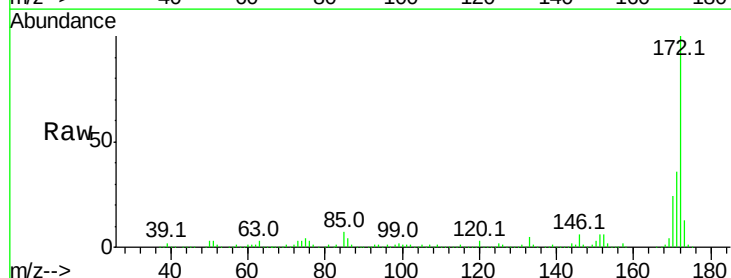


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

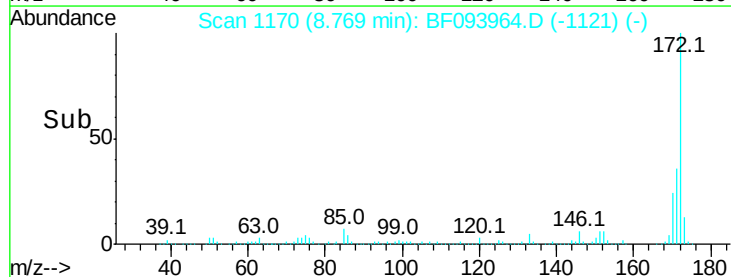
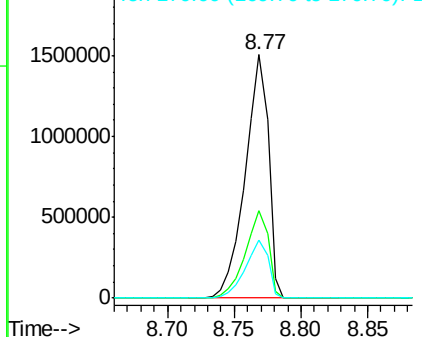


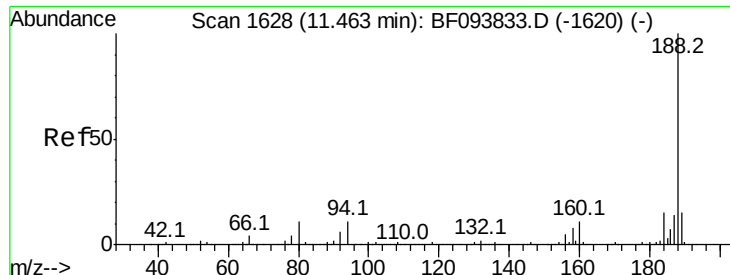
#44
 2-Fluorobiphenyl
 Concen: 87.35 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093964.D
 Acq: 28 Mar 2017 1:31

Tgt Ion:172 Resp: 1796358
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 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: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

ClientSampleId :

W-1A

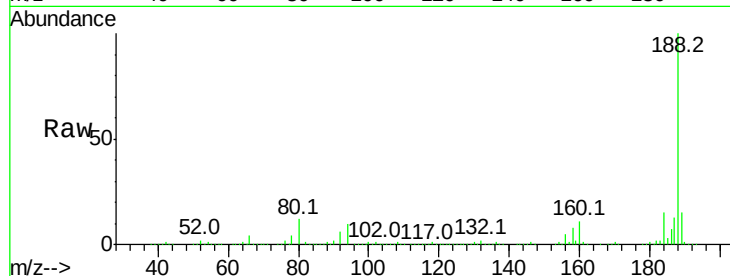
Tot Ion:188 Resp: 580223

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

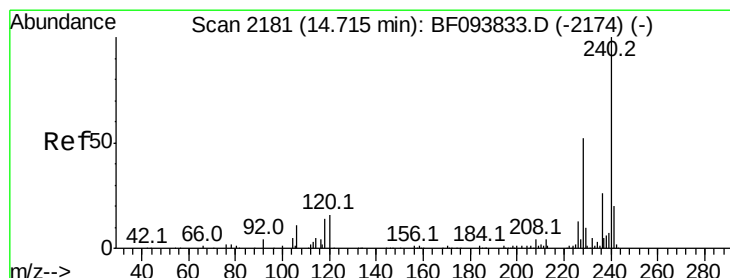
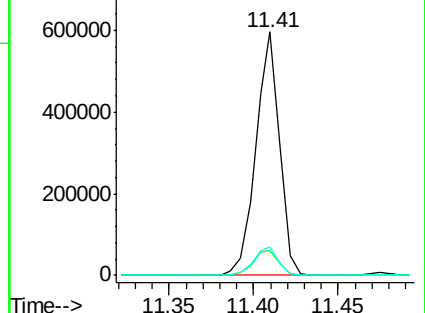
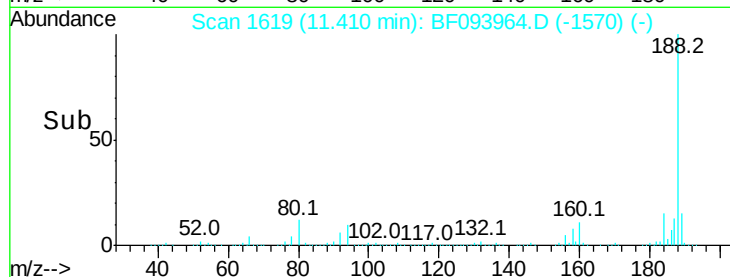
80 11.9 10.2 15.2



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: BF093964.D

Acq: 28 Mar 2017 1:31

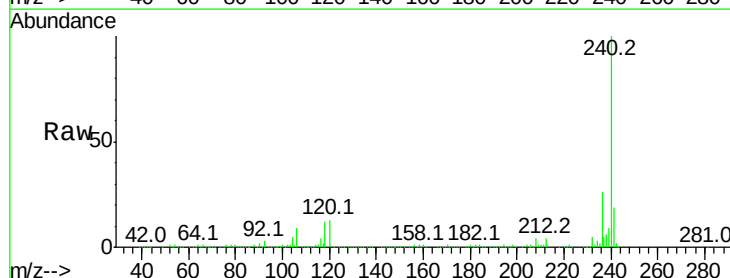
Tgt Ion:240 Resp: 499298

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

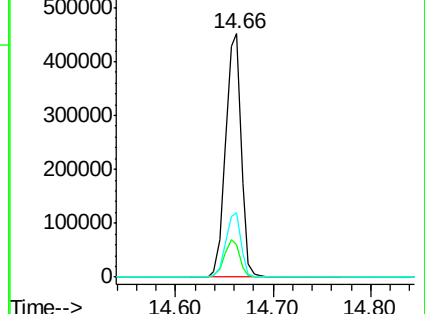
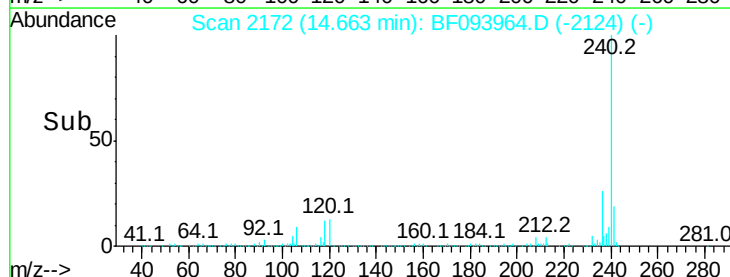
236 26.3 20.5 30.7

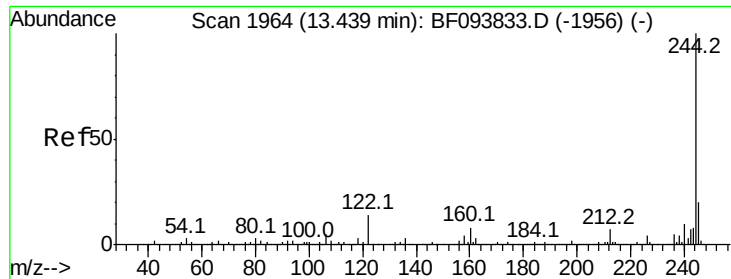


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.05 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

Instrument :

BNA_F

ClientSampleId :

W-1A

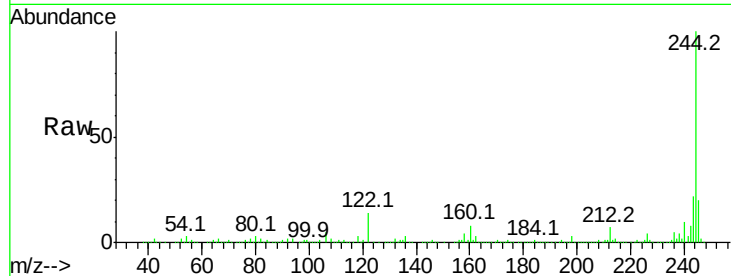
Tot Ion:244 Resp: 1649511

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

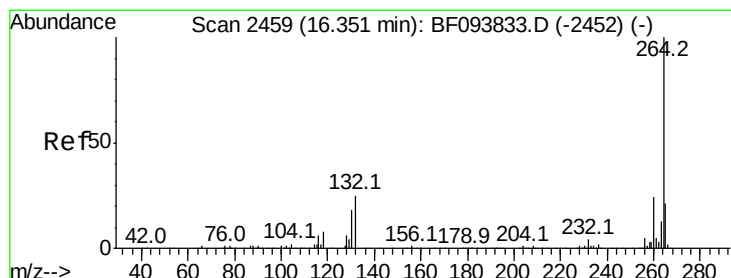
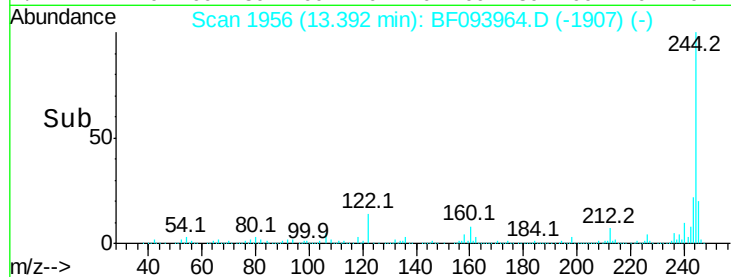
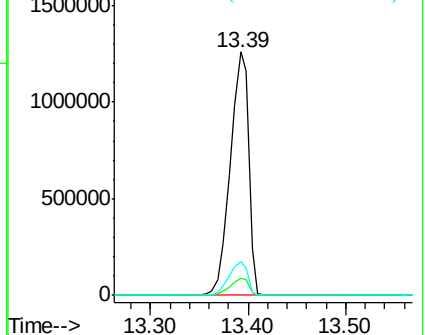
122 13.8 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093964.D

Acq: 28 Mar 2017 1:31

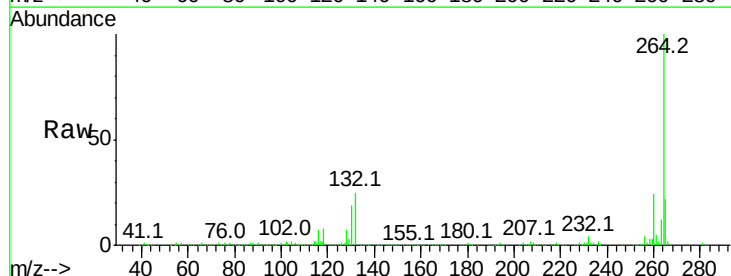
Tgt Ion:264 Resp: 374974

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.6 17.2 25.8



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

