

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093604.D
 Acq On : 13 Mar 2017 13:52
 Operator : SJ/MA
 Sample : I2174-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64

Quant Time: Mar 14 01:17:48 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	149510	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	582791	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	205721	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	501989	20.00	ng	0.00
75) Chrysene-d12	13.90	240	218694	20.00	ng	0.01
86) Perylene-d12	15.32	264	10218	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1237438	137.75	ng	0.00
7) Phenol-d6	6.37	99	1425742	125.86	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1028489	97.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	299599	223.53	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1593481	144.08	ng	0.00
78) Terphenyl-d14	12.84	244	1221757	145.25	ng	0.01

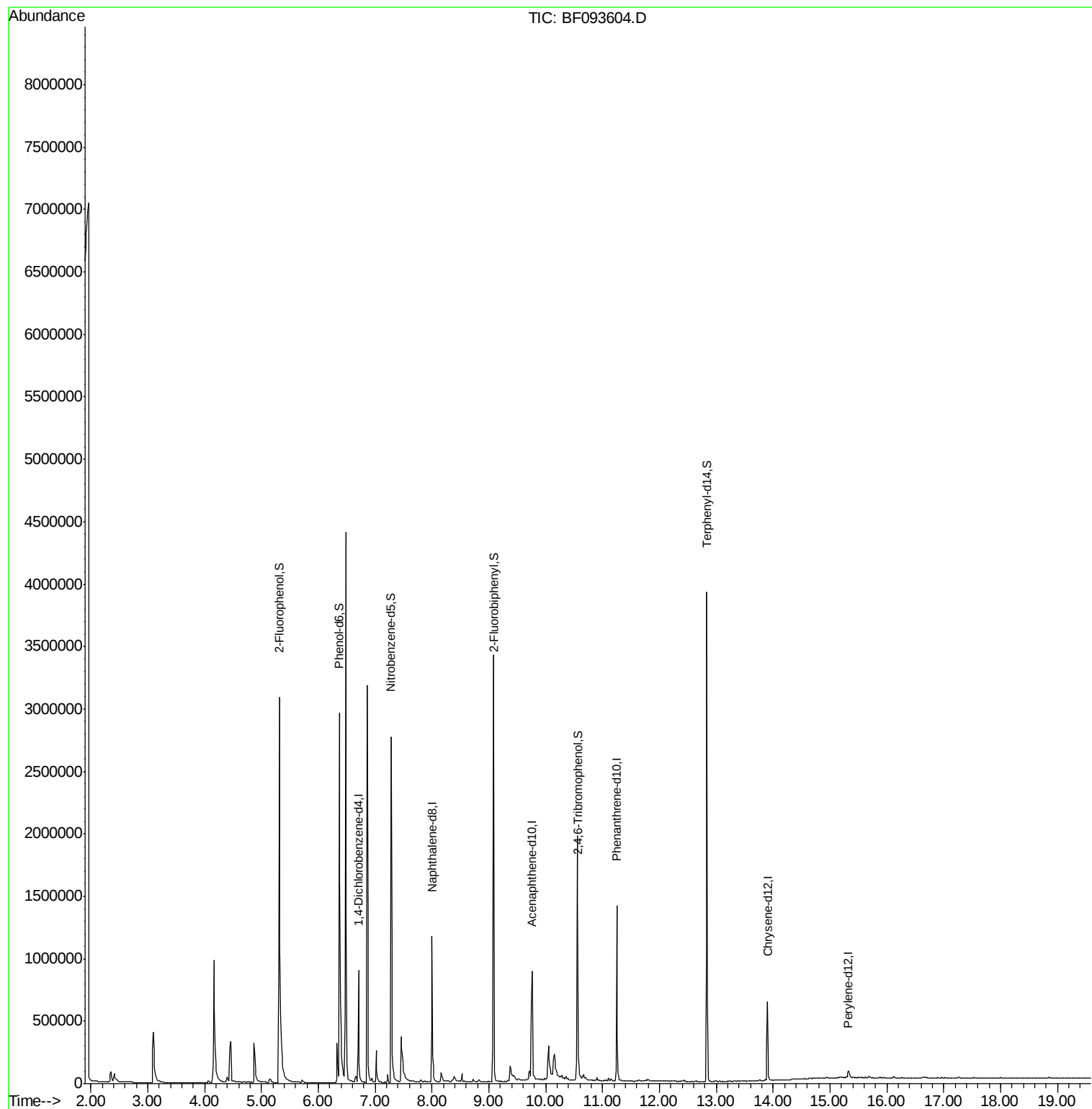
Target Compounds Qvalue

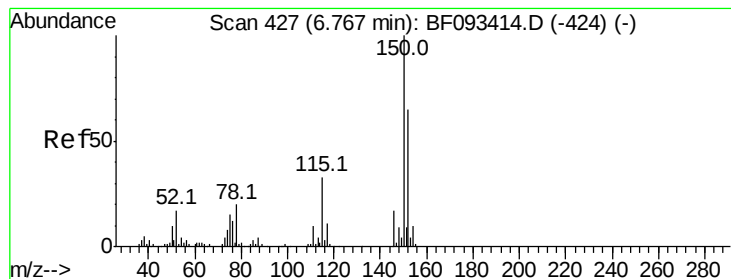
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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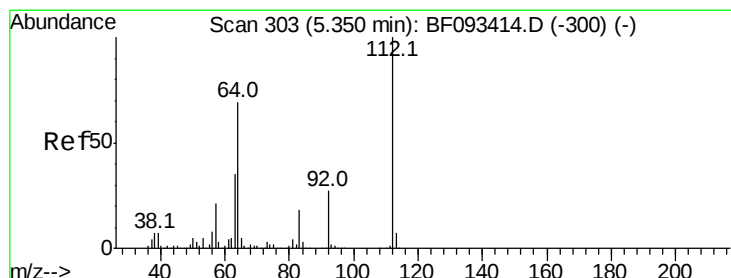
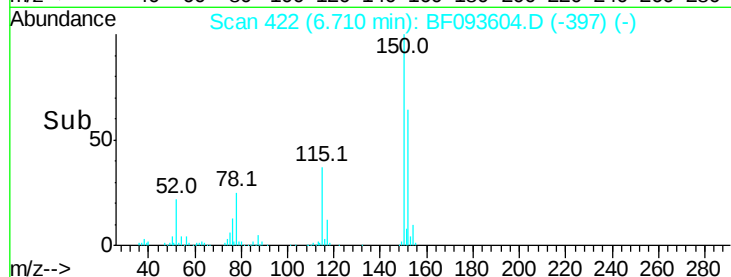
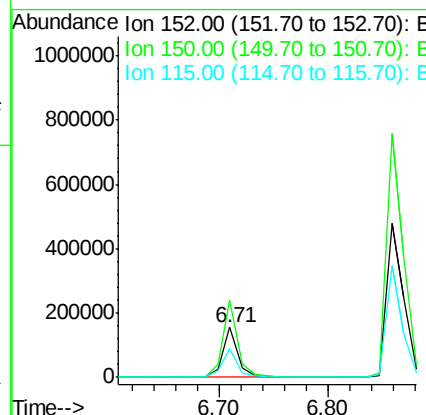
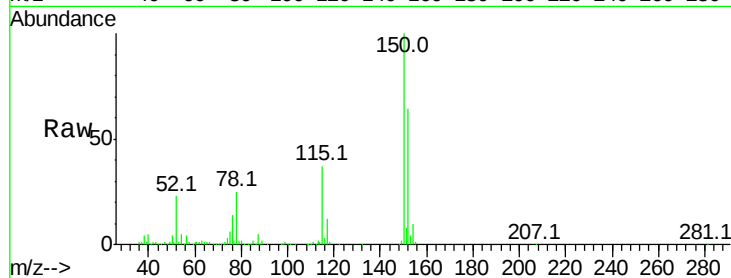


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093604.D
Acq: 13 Mar 2017 13:52

Instrument :
BNA_F
ClientSampled :
D-64

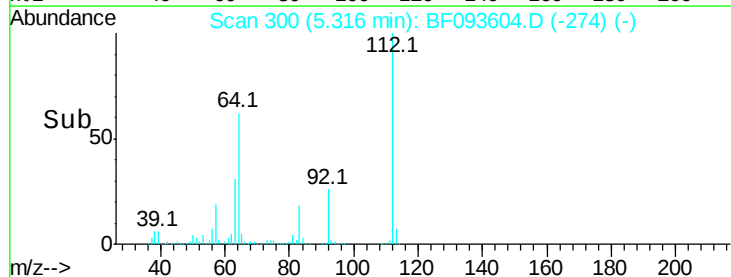
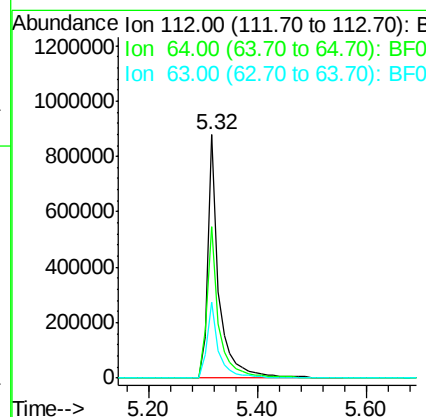
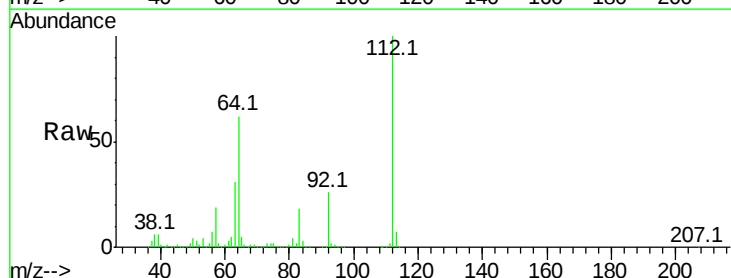
Tot Ion:152 Resp: 149510
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 57.6 46.0 69.0

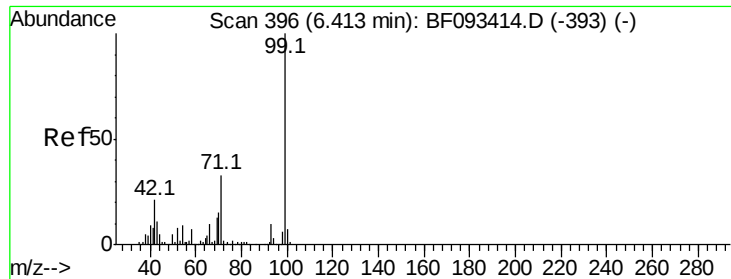


#5

2-Fluorophenol
Concen: 137.75 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093604.D
Acq: 13 Mar 2017 13:52

Tgt Ion:112 Resp: 1237438
Ion Ratio Lower Upper
112 100
64 62.1 46.1 69.1
63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 125.86 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093604.D

Acq: 13 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

D-64

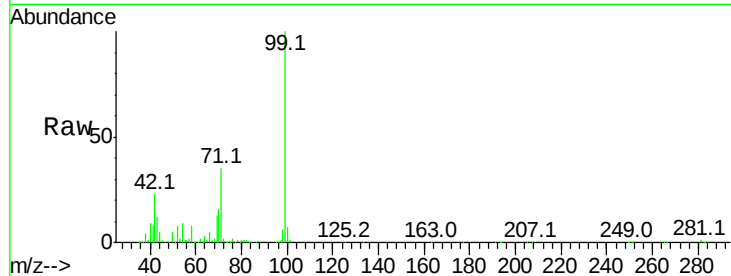
Tot Ion: 99 Resp: 1425742

Ion Ratio Lower Upper

99 100

42 23.1 15.6 23.4

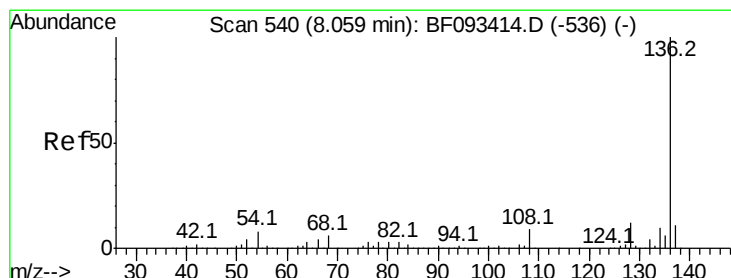
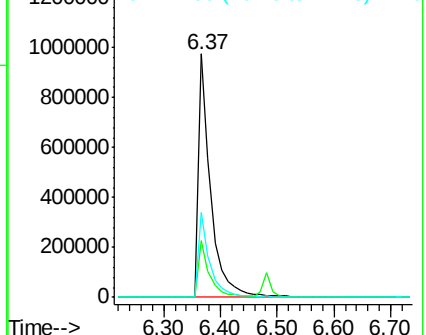
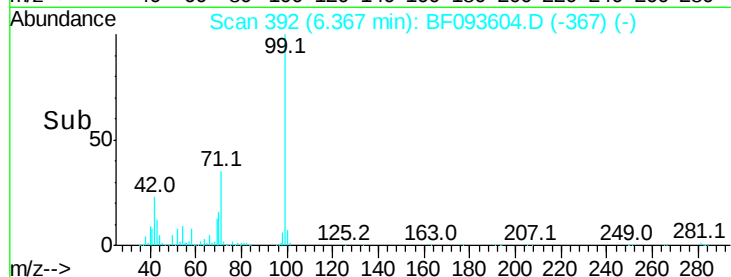
71 34.9 27.5 41.3



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: BF093604.D

Acq: 13 Mar 2017 13:52

Tgt Ion: 136 Resp: 582791

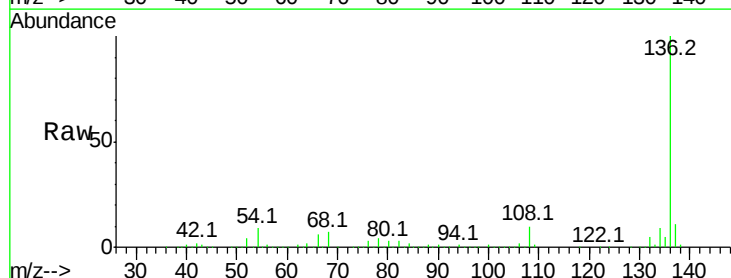
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 4.5 6.7#

68 6.9 3.6 5.4#

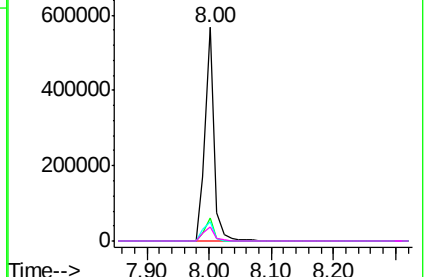
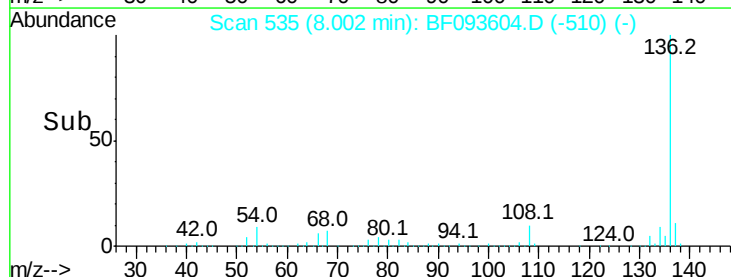


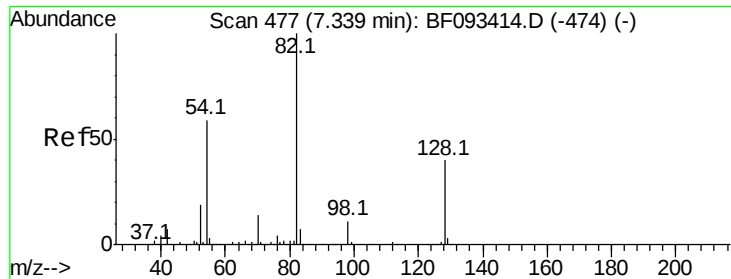
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.92 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093604.D

Acq: 13 Mar 2017 13:52

Instrument :

BNA_F

ClientSampled :

D-64

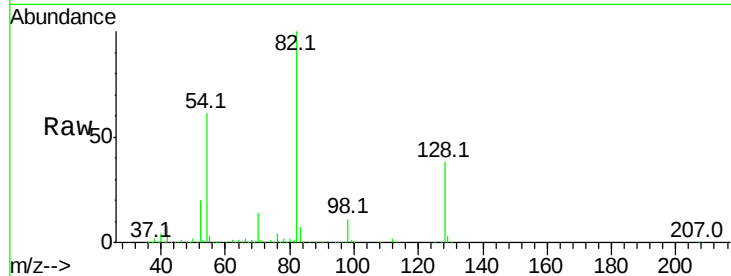
Tot Ion: 82 Resp: 1028489

Ion Ratio Lower Upper

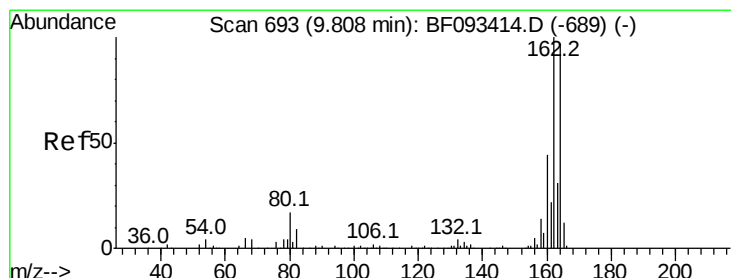
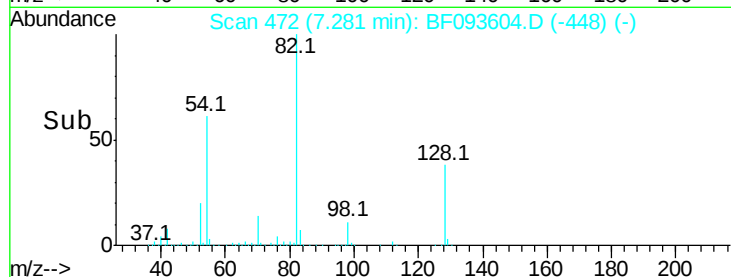
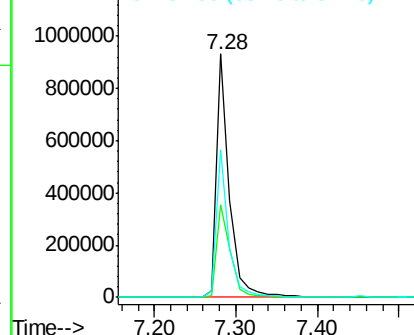
82 100

128 38.0 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: BF093604.D

Acq: 13 Mar 2017 13:52

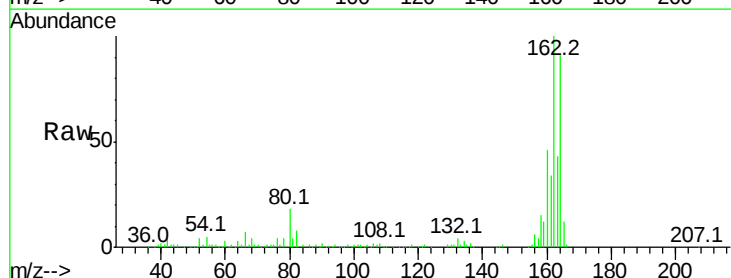
Tgt Ion:164 Resp: 205721

Ion Ratio Lower Upper

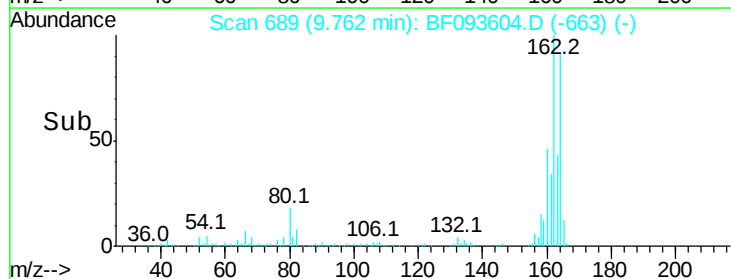
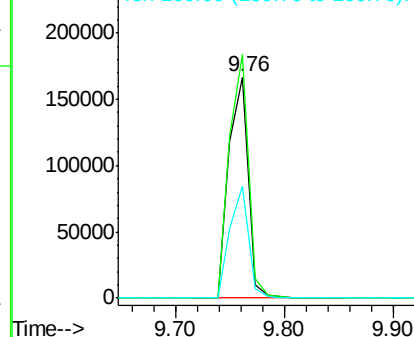
164 100

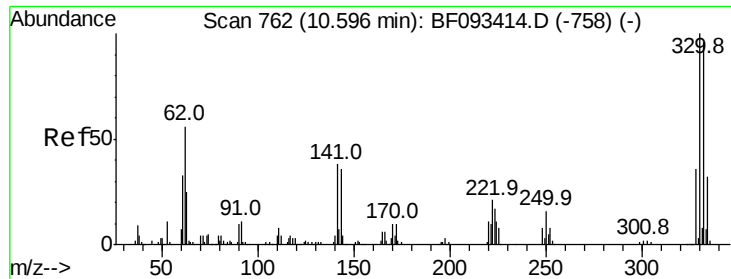
162 110.3 80.2 120.2

160 50.6 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

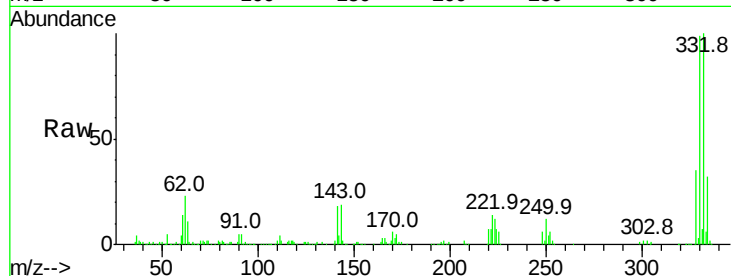




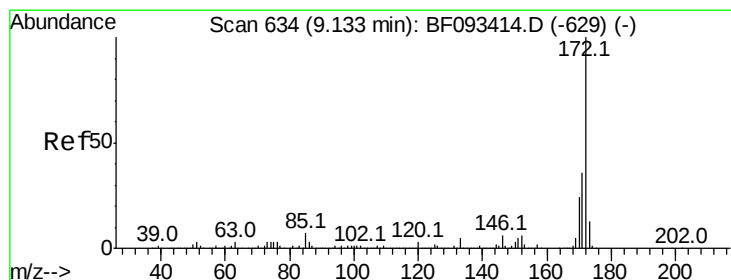
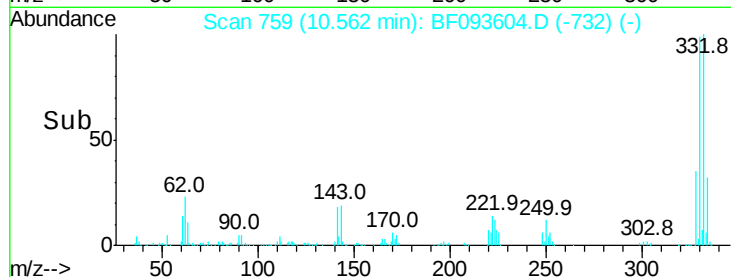
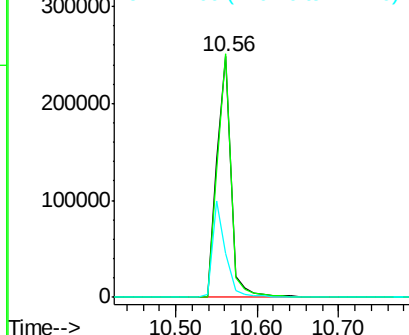
#41
 2,4,6-Tribromophenol
 Concen: 223.53 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093604.D
 Acq: 13 Mar 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 D-64

Tot Ion:330 Resp: 299599
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 37.9 34.1 51.1

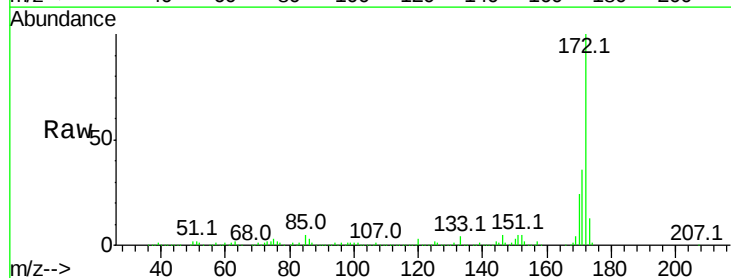


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

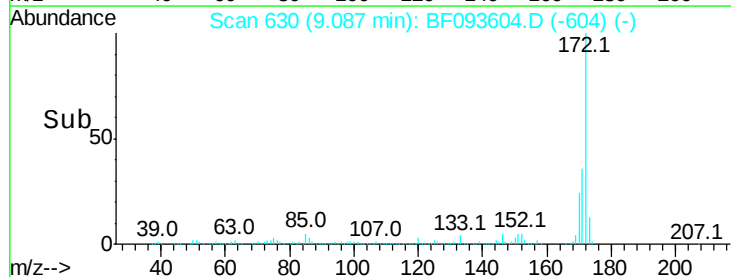
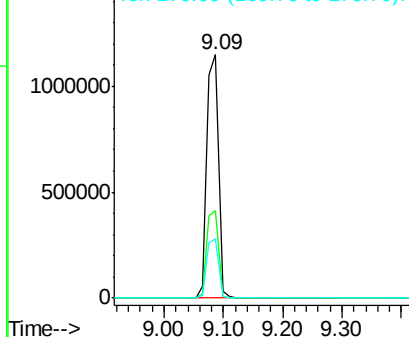


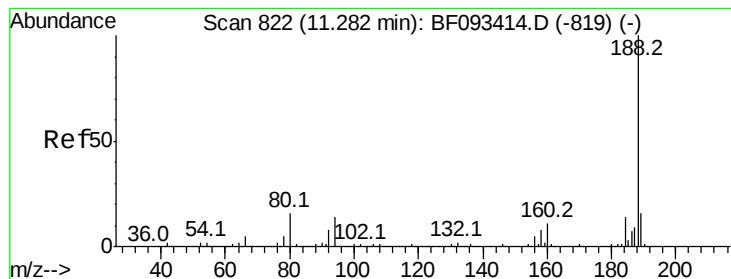
#44
 2-Fluorobiphenyl
 Concen: 144.08 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093604.D
 Acq: 13 Mar 2017 13:52

Tgt Ion:172 Resp: 1593481
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 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: BF093604.D

Acq: 13 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

D-64

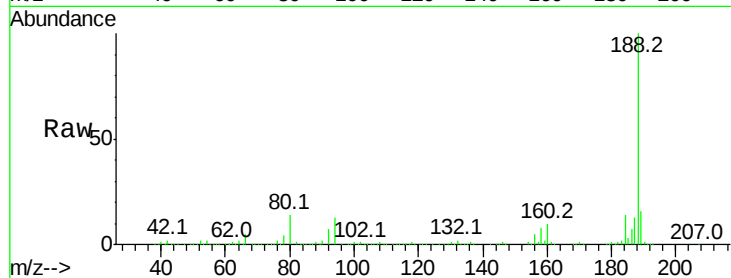
Tot Ion:188 Resp: 501989

Ion Ratio Lower Upper

188 100

94 12.7 10.0 15.0

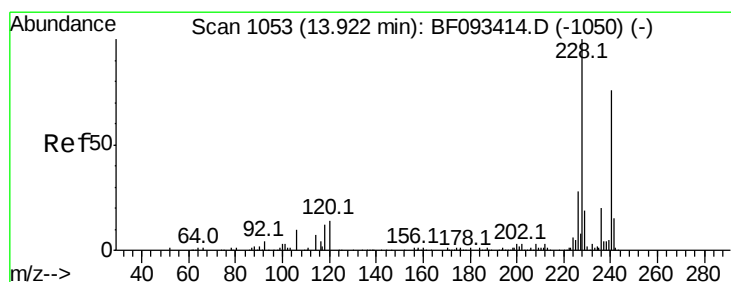
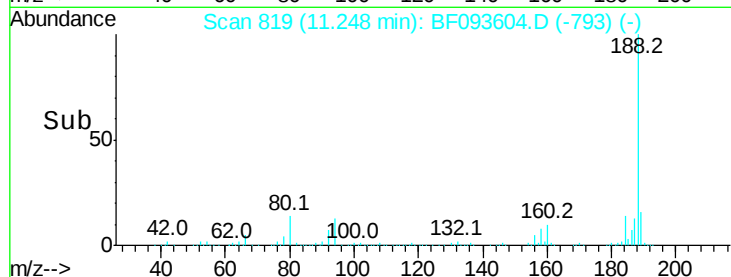
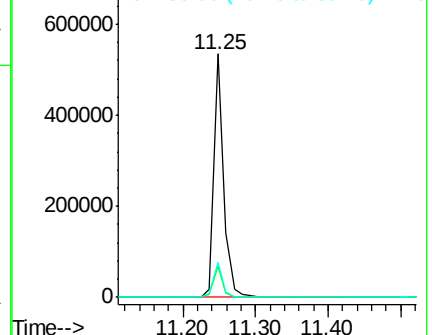
80 14.3 11.2 16.8



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: BF093604.D

Acq: 13 Mar 2017 13:52

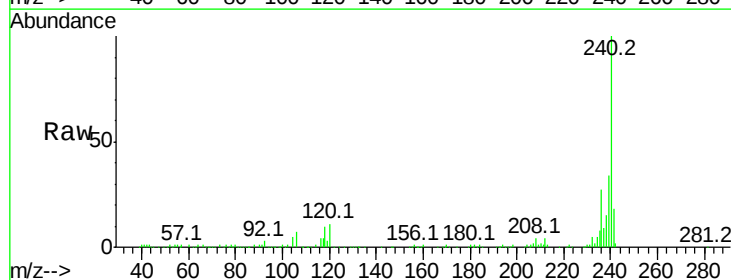
Tgt Ion:240 Resp: 218694

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

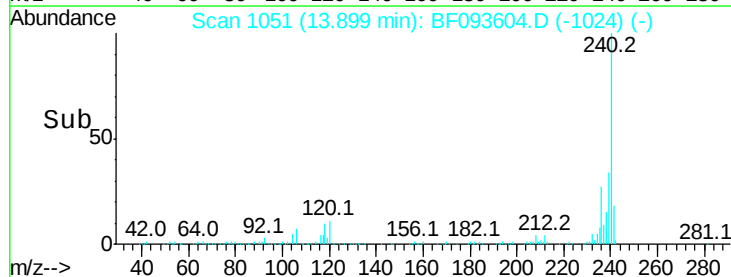
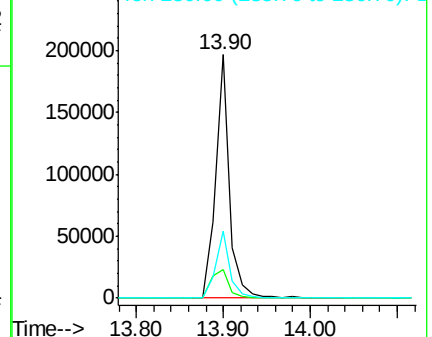
236 27.5 20.9 31.3

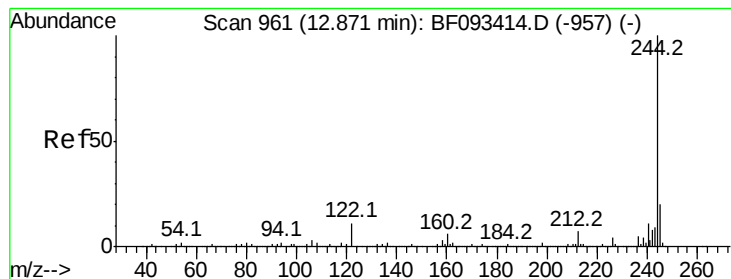


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 145.25 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093604.D

Acq: 13 Mar 2017 13:52

Instrument :

BNA_F

ClientSampleId :

D-64

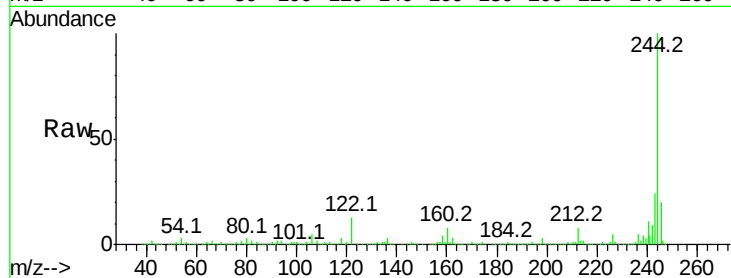
Tot Ion:244 Resp: 1221757

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

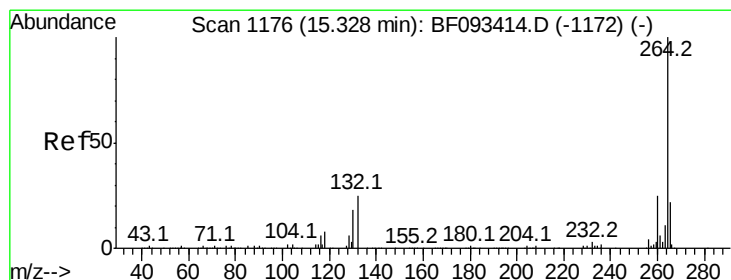
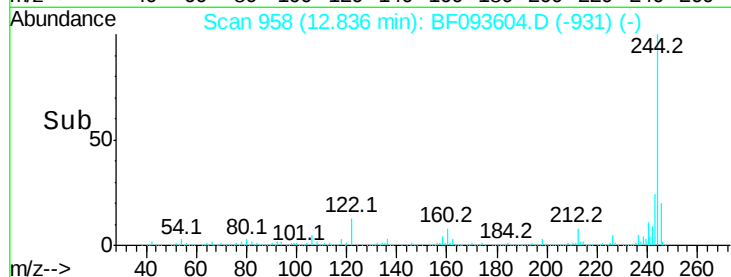
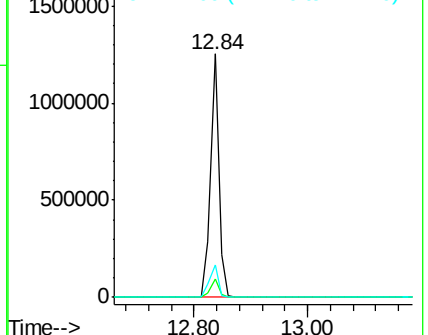
122 13.3 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF093604.D

Acq: 13 Mar 2017 13:52

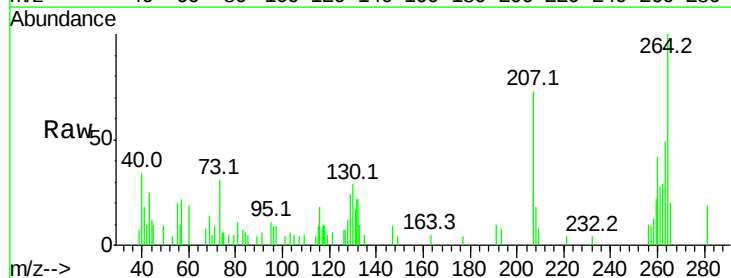
Tgt Ion:264 Resp: 10218

Ion Ratio Lower Upper

264 100

260 42.4 19.2 28.8#

265 20.4 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

