

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093503.D
 Acq On : 10 Mar 2017 4:04
 Operator : SJ/MA
 Sample : I2132-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Mar 10 05:59:21 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	6.74	152	186602	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	709707	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	335814	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	573385	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	395262	20.00	ng	-0.01
86) Perylene-d12	15.32	264	362385	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	665937	59.40	ng	0.00
7) Phenol-d6	6.40	99	624834	44.19	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1179362	92.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	333364	152.37	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1686342	93.40	ng	-0.02
78) Terphenyl-d14	12.86	244	1303895	85.77	ng	-0.01

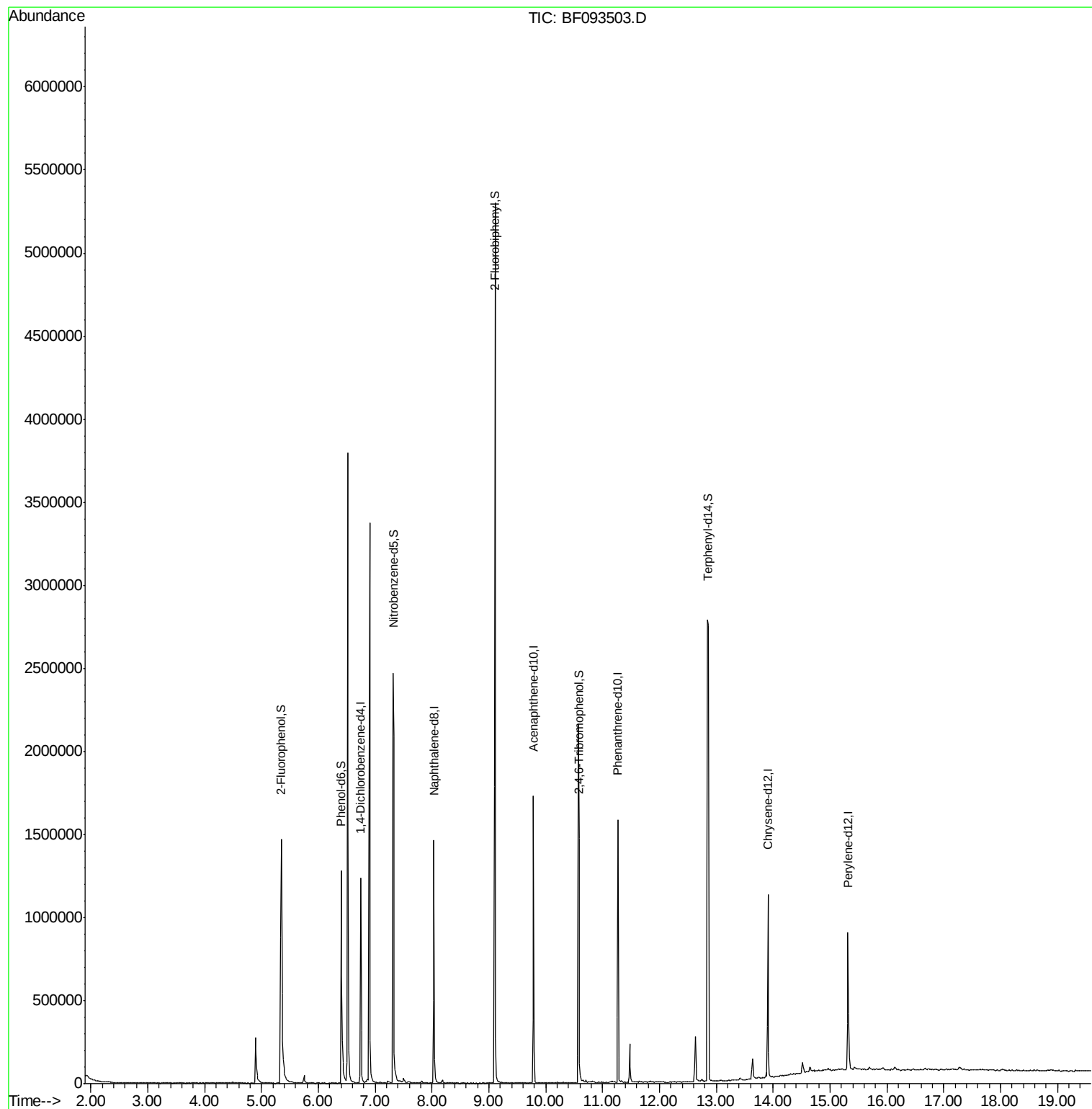
Target Compounds Qvalue

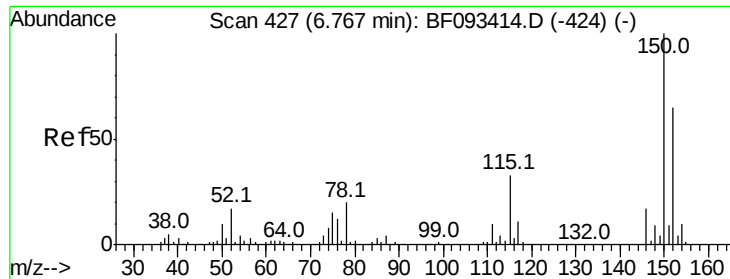
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

Instrument :

BNA_F

ClientSampleId :

W-05

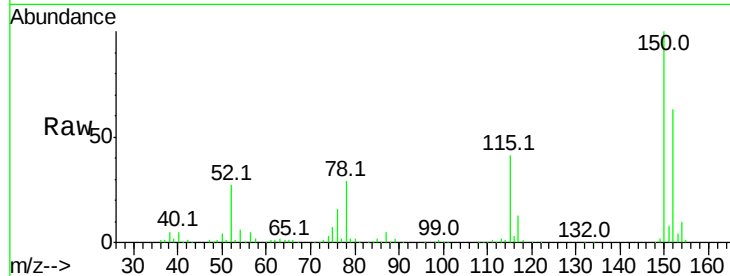
Tot Ion:152 Resp: 186602

Ion Ratio Lower Upper

152 100

150 159.3 124.9 187.3

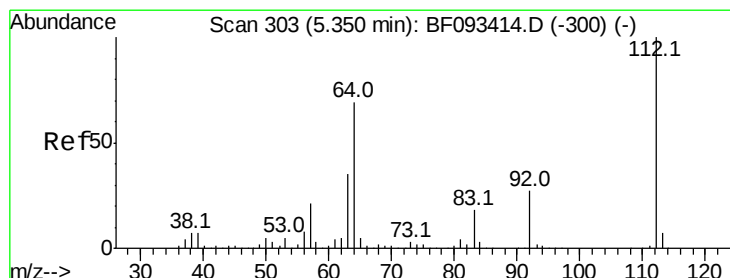
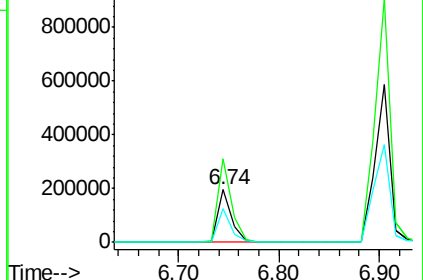
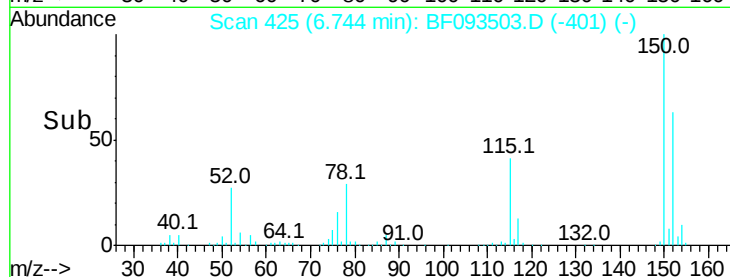
115 64.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 59.40 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

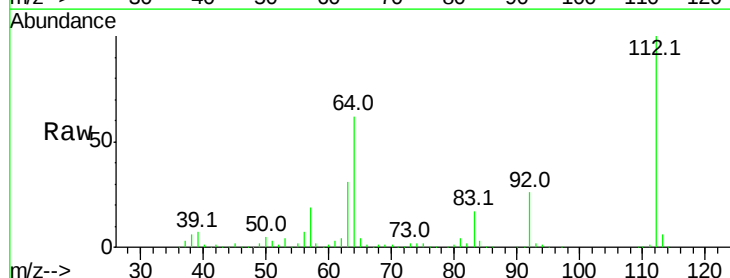
Tgt Ion:112 Resp: 665937

Ion Ratio Lower Upper

112 100

64 61.8 46.1 69.1

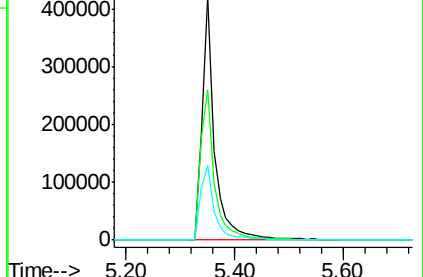
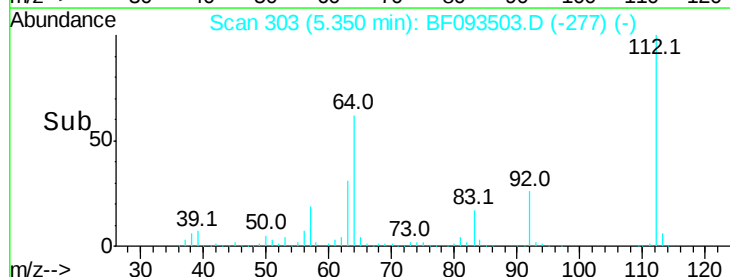
63 30.8 23.8 35.6

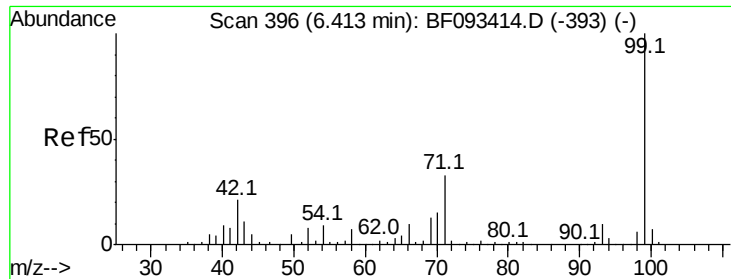


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.19 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

Instrument :

BNA_F

ClientSampleId :

W-05

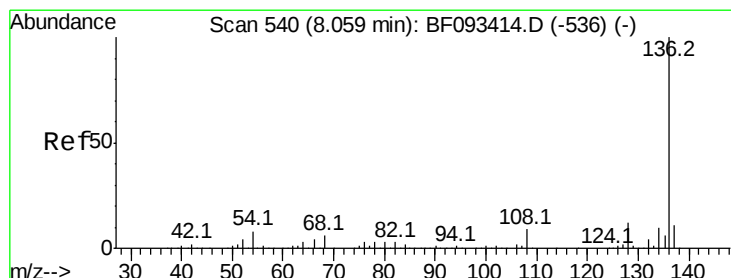
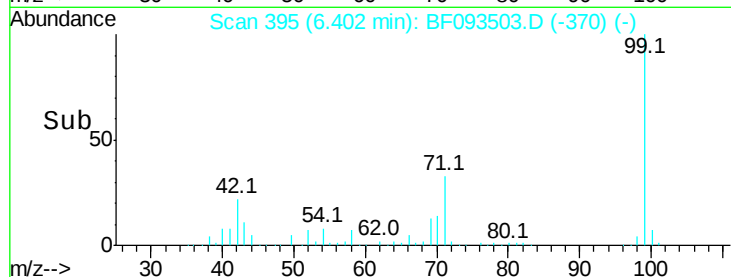
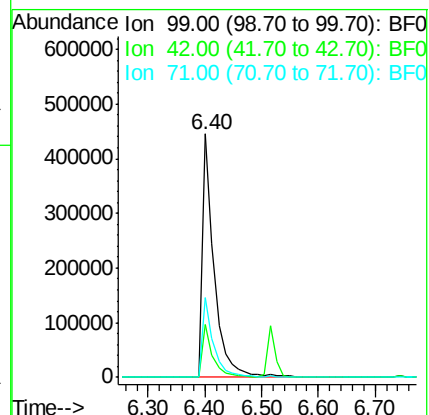
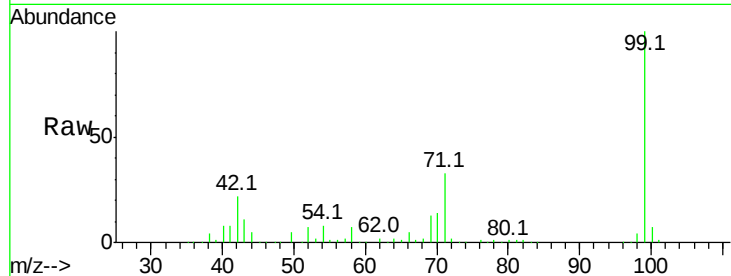
Tot Ion: 99 Resp: 624834

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

71 32.6 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

Tgt Ion: 136 Resp: 709707

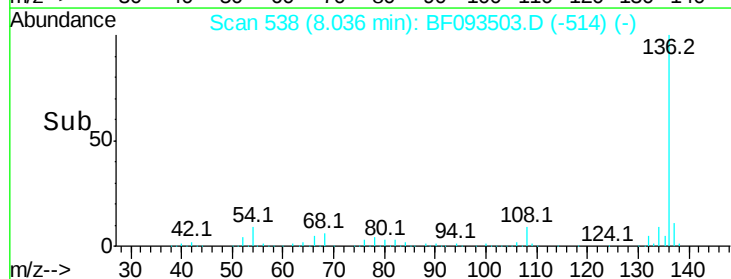
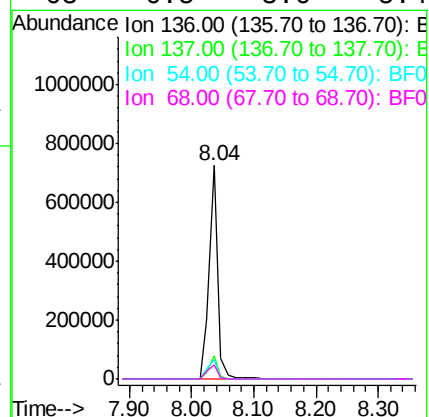
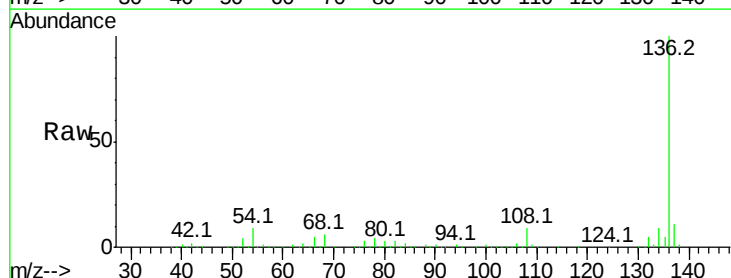
Ion Ratio Lower Upper

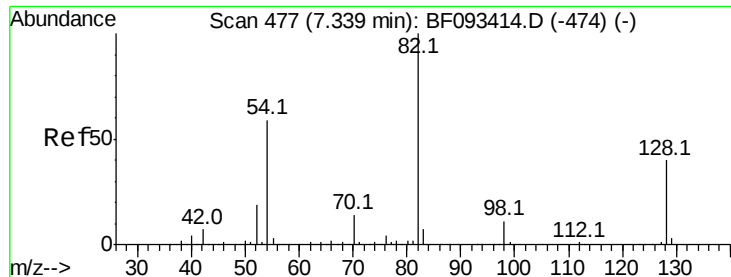
136 100

137 10.6 8.4 12.6

54 8.8 4.5 6.7#

68 6.5 3.6 5.4#

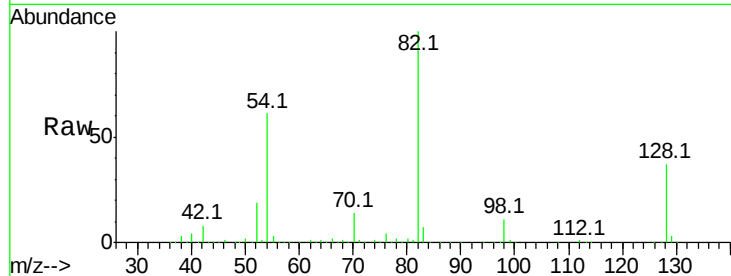




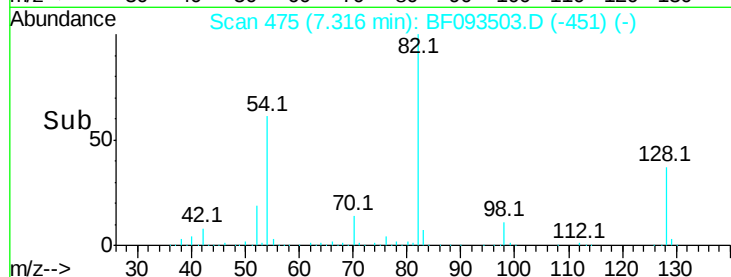
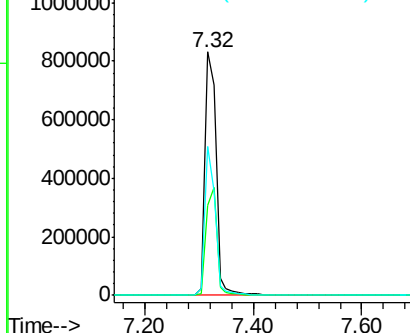
#23
Nitrobenzene-d5
Concen: 92.20 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093503.D
Acq: 10 Mar 2017 4:04

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion: 82 Resp: 1179362
Ion Ratio Lower Upper
82 100
128 37.0 34.6 52.0
54 60.9 39.5 59.3#

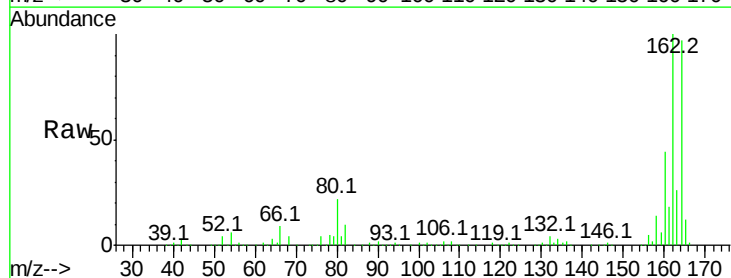


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

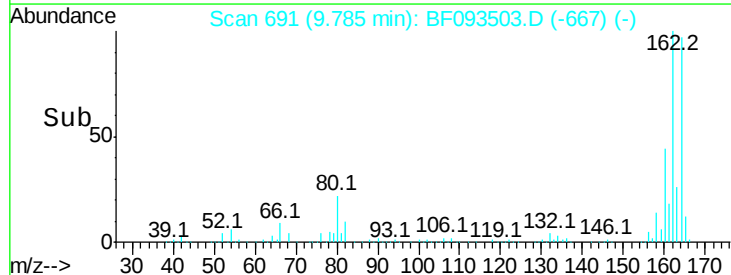
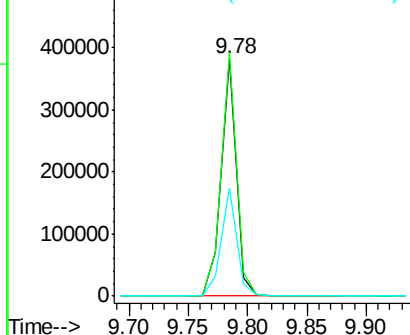


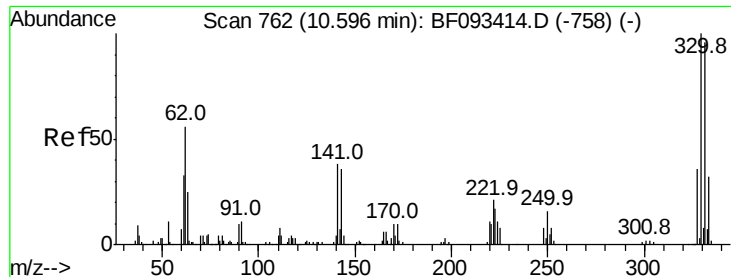
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093503.D
Acq: 10 Mar 2017 4:04

Tgt Ion:164 Resp: 335814
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.4 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

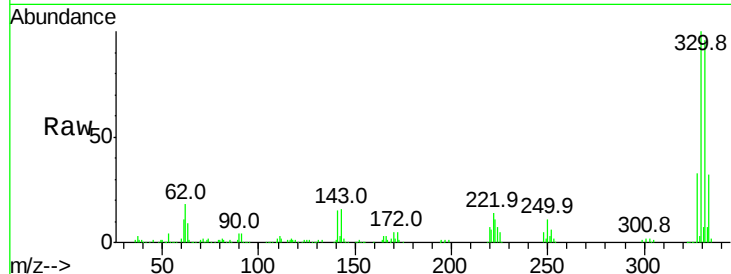




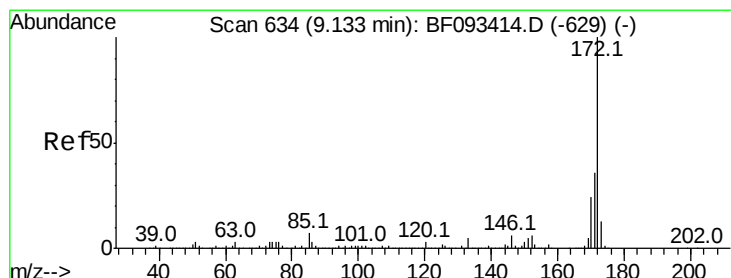
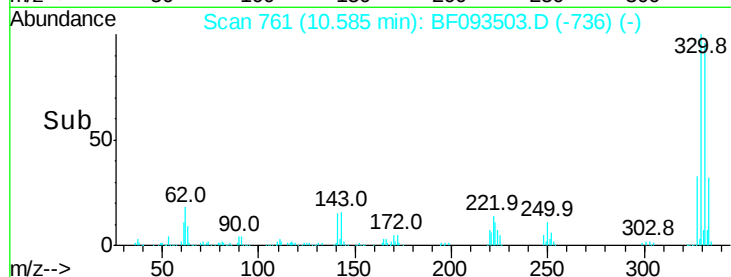
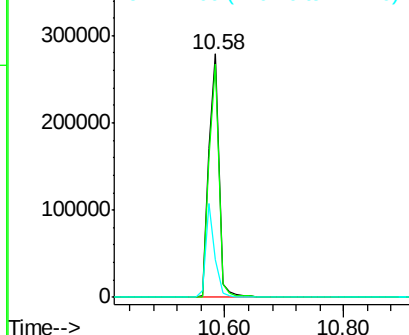
#41
 2,4,6-Tribromophenol
 Concen: 152.37 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093503.D
 Acq: 10 Mar 2017 4:04

Instrument :
 BNA_F
 ClientSampled :
 W-05

Tot Ion:330 Resp: 333364
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 35.0 34.1 51.1

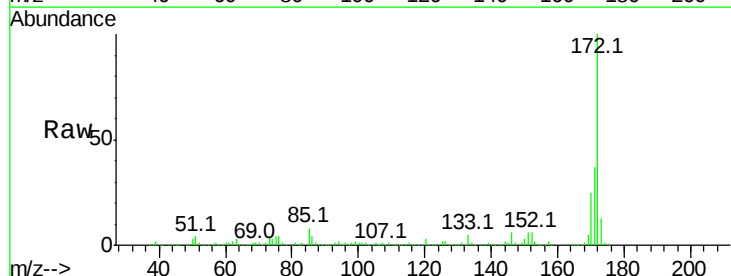


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

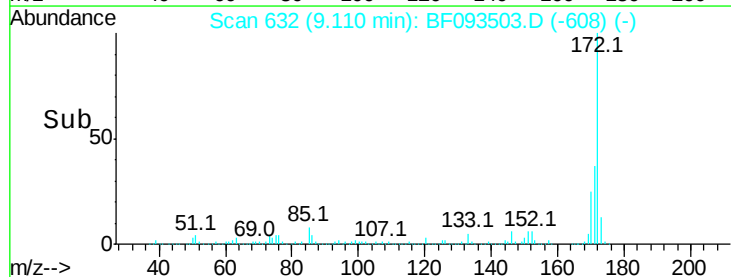
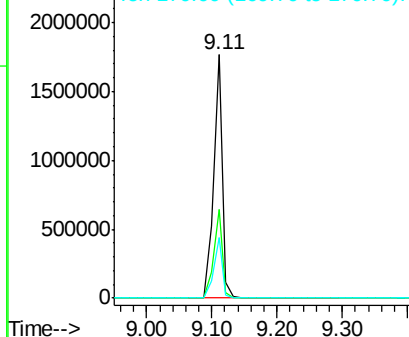


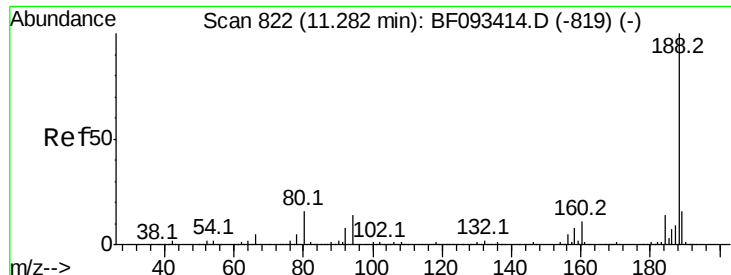
#44
 2-Fluorobiphenyl
 Concen: 93.40 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093503.D
 Acq: 10 Mar 2017 4:04

Tgt Ion:172 Resp: 1686342
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 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

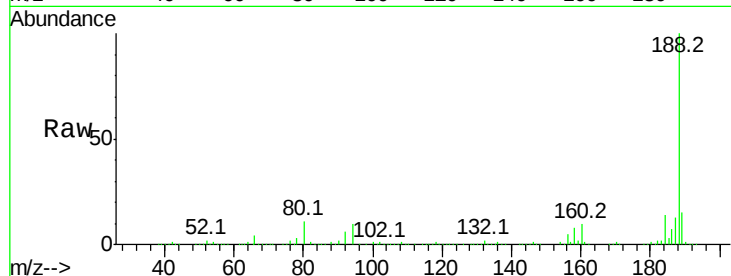




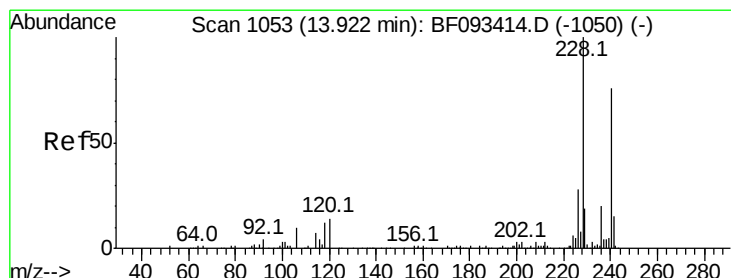
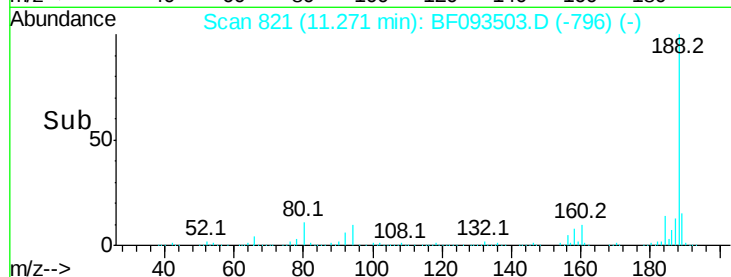
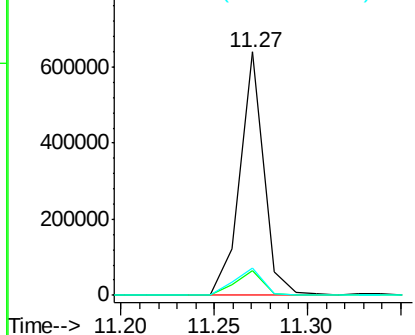
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093503.D
Acq: 10 Mar 2017 4:04

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion:188 Resp: 573385
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 11.0 11.2 16.8#

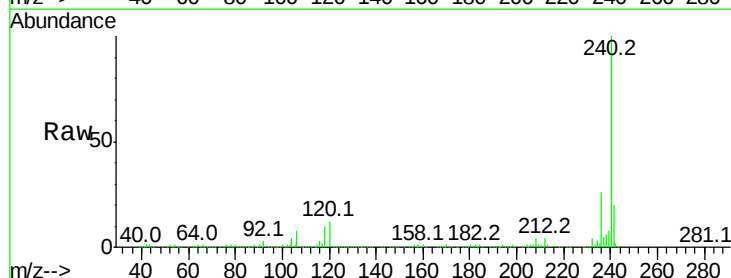


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

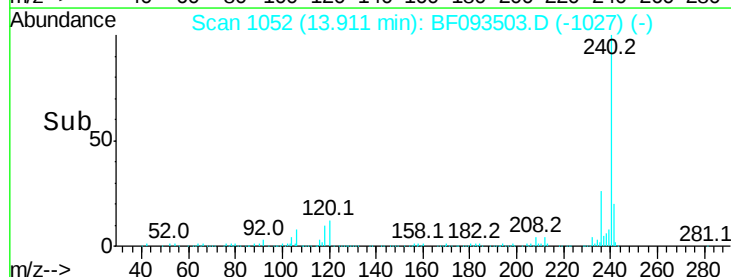
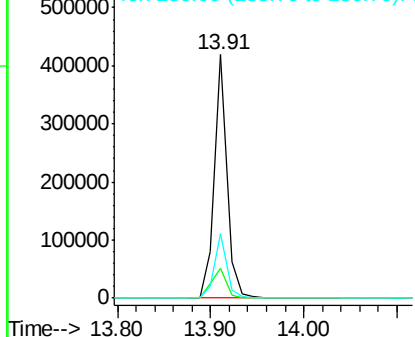


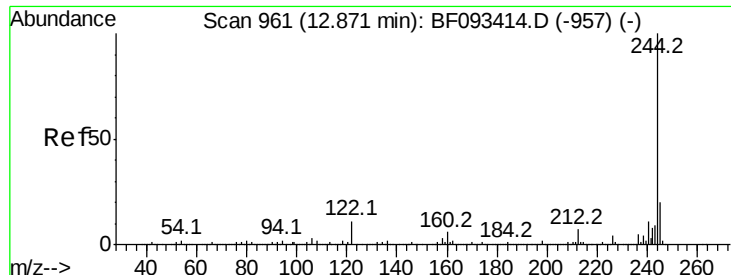
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093503.D
Acq: 10 Mar 2017 4:04

Tgt Ion:240 Resp: 395262
Ion Ratio Lower Upper
240 100
120 12.0 12.9 19.3#
236 26.2 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: 85.77 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

Instrument :

BNA_F

ClientSampled :

W-05

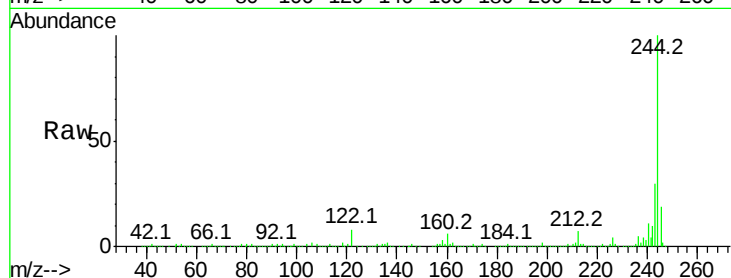
Tot Ion:244 Resp: 1303895

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

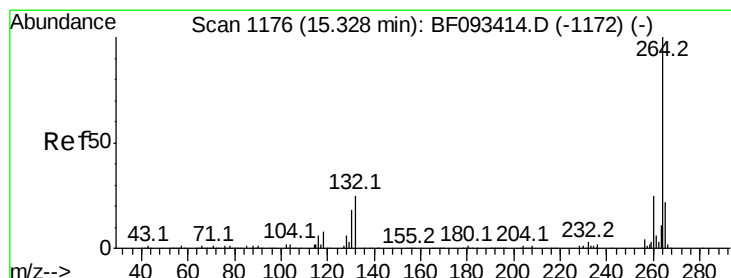
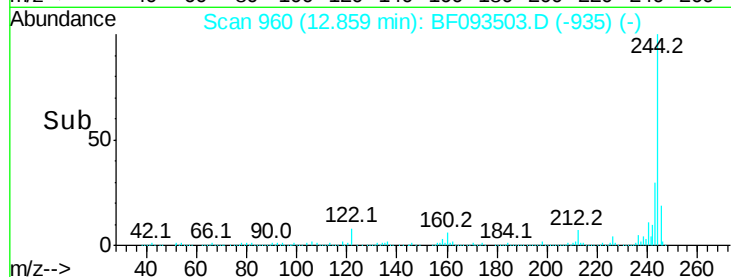
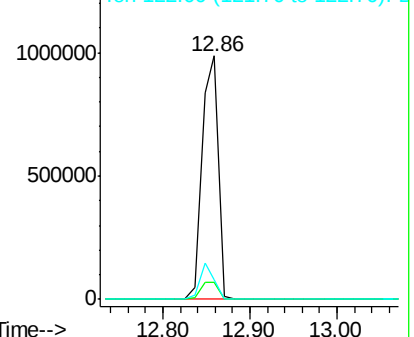
122 7.8 11.4 17.2#



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. -0.01 min

Lab File: BF093503.D

Acq: 10 Mar 2017 4:04

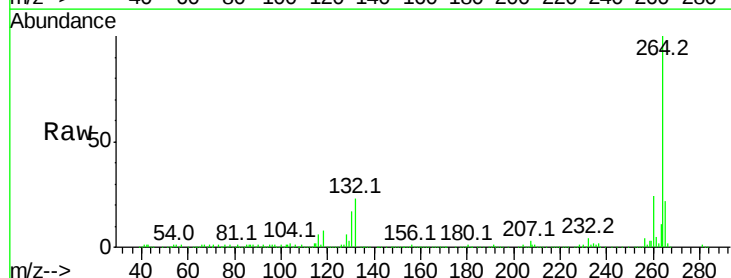
Tgt Ion:264 Resp: 362385

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 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

