

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093521.D
 Acq On : 10 Mar 2017 14:51
 Operator : SJ/MA
 Sample : I2160-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Quant Time: Mar 10 17:16:25 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	166616	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	665585	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	318643	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	584142	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	538750	20.00	ng	-0.02
86) Perylene-d12	15.31	264	400808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1477475	147.59	ng	0.02
7) Phenol-d6	6.42	99	1734089	137.36	ng	0.01
23) Nitrobenzene-d5	7.32	82	976491	81.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	312055	150.31	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1577222	92.07	ng	-0.03
78) Terphenyl-d14	12.85	244	1506269	72.69	ng	-0.02

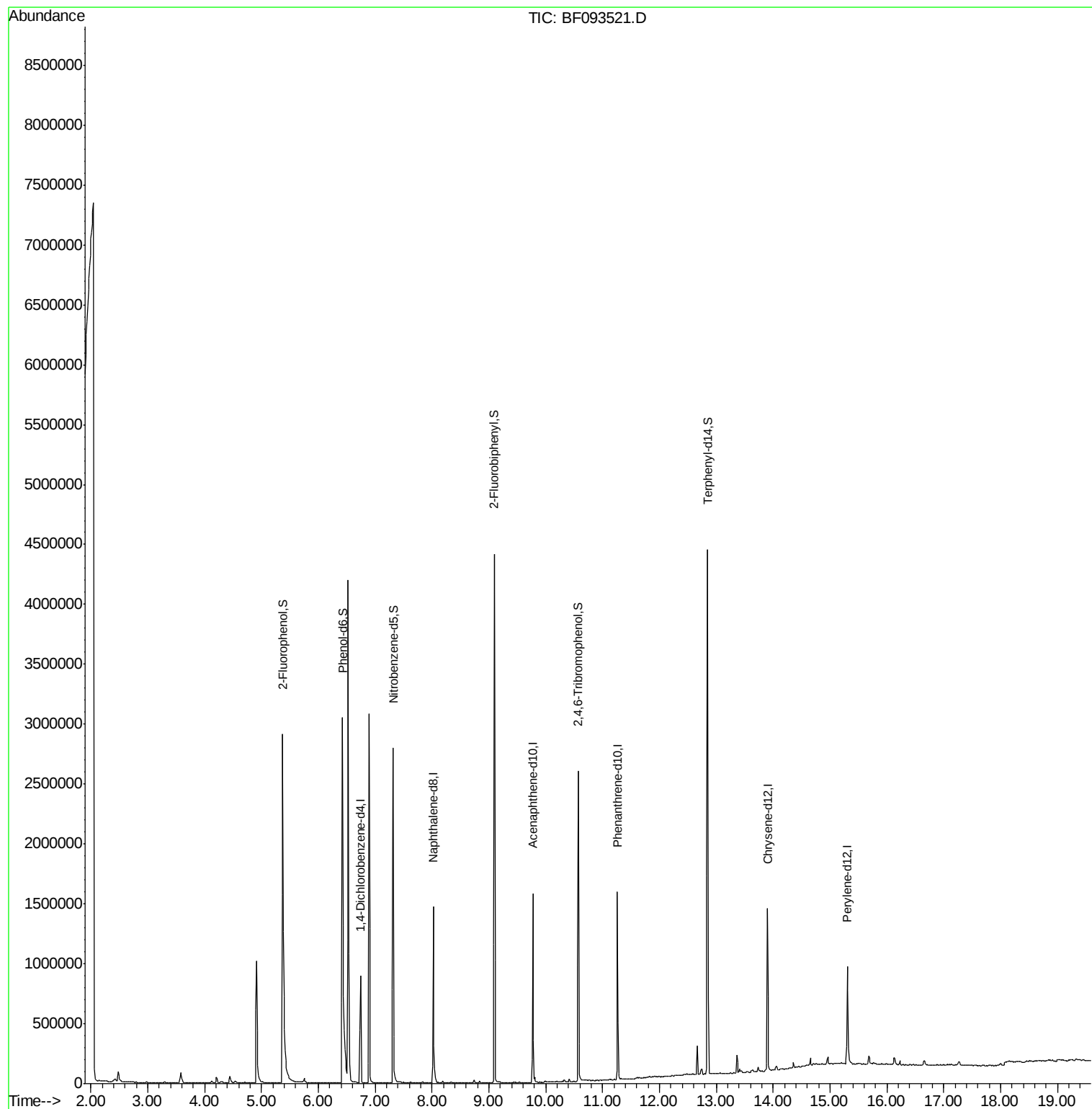
Target Compounds Qvalue

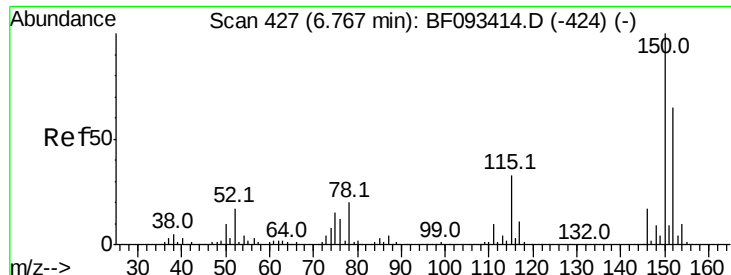
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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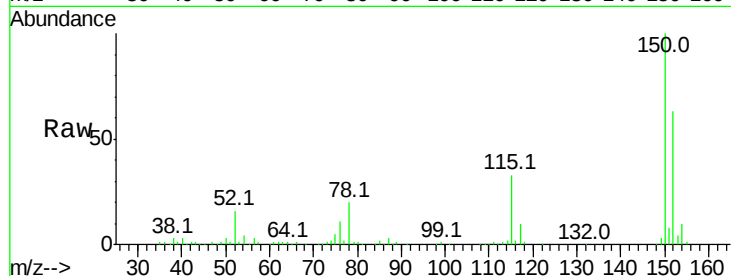


#1

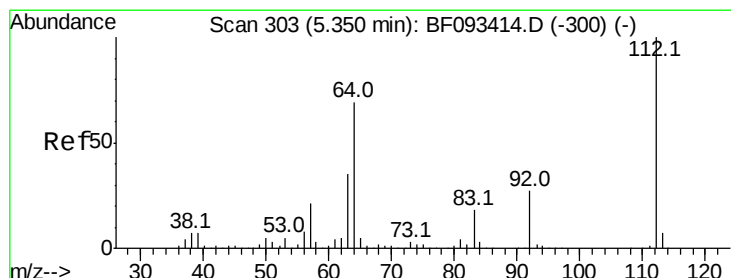
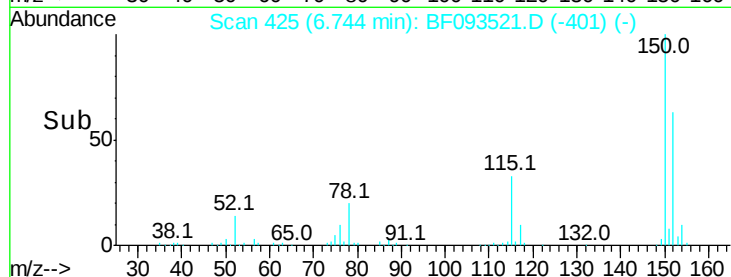
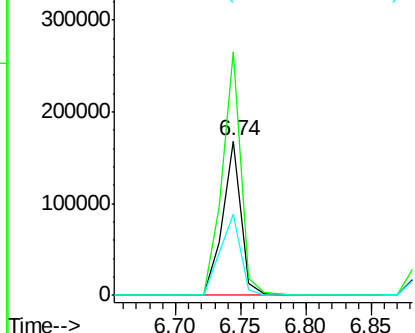
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Tot Ion:152 Resp: 166616
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.9 187.3
 115 52.7 46.0 69.0



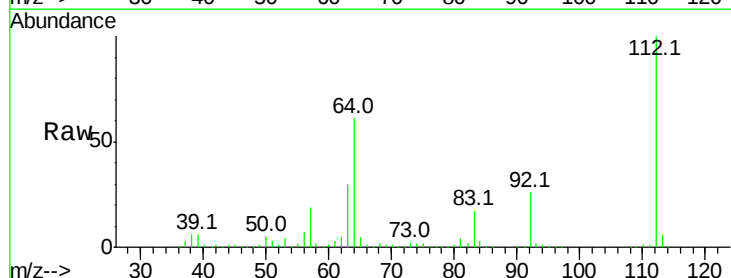
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



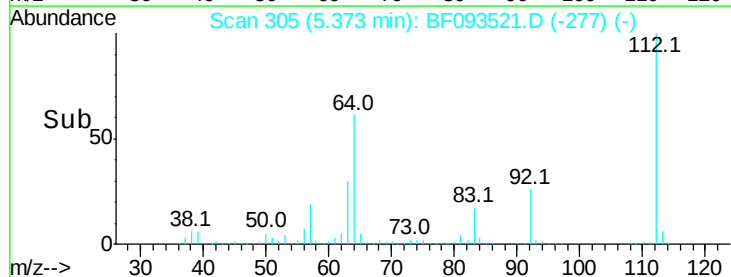
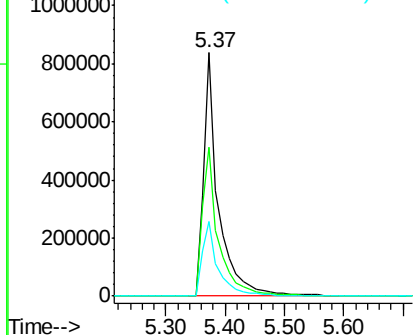
#5

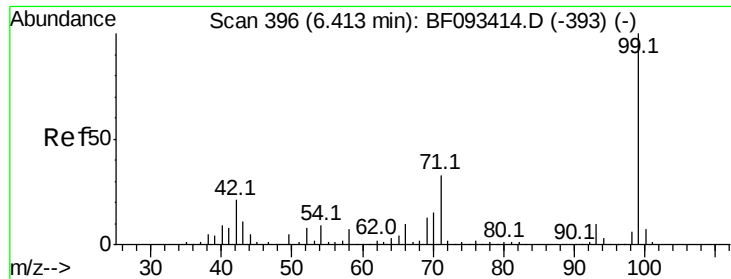
2-Fluorophenol
 Concen: 147.59 ng
 RT: 5.37 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Tgt Ion:112 Resp: 1477475
 Ion Ratio Lower Upper
 112 100
 64 61.3 46.1 69.1
 63 30.5 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: 137.36 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

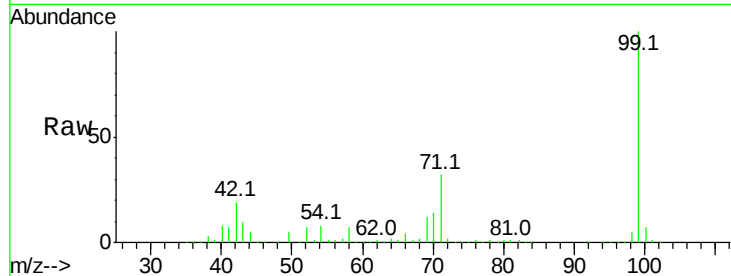
Tot Ion: 99 Resp: 1734089

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

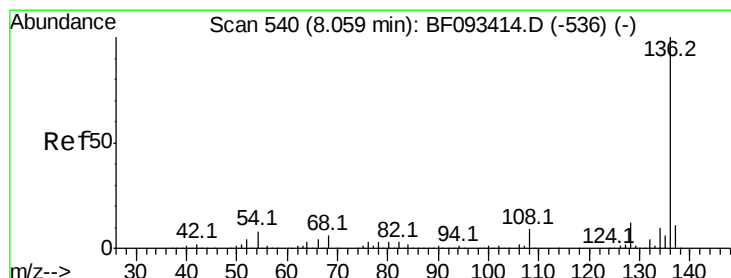
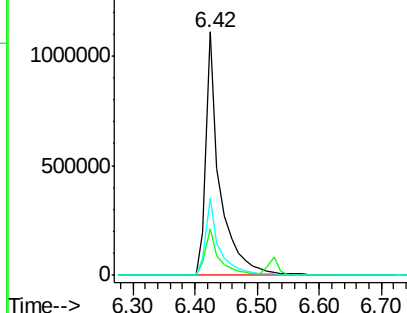
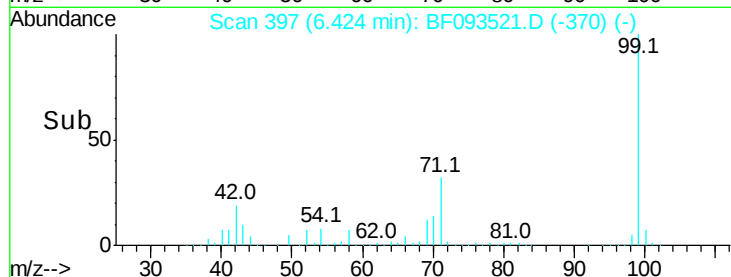
71 31.5 27.5 41.3



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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Tgt Ion: 136 Resp: 665585

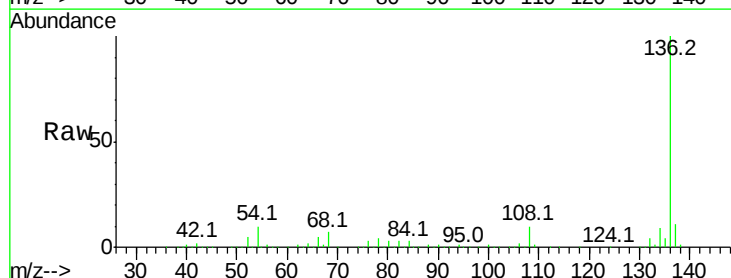
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.2 4.5 6.7#

68 6.8 3.6 5.4#

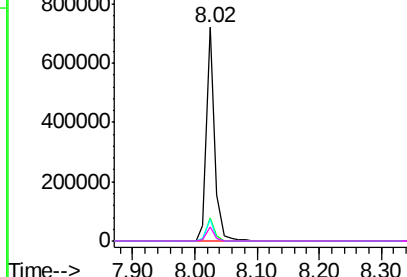
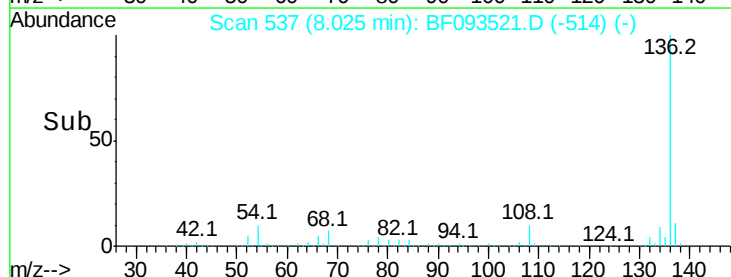


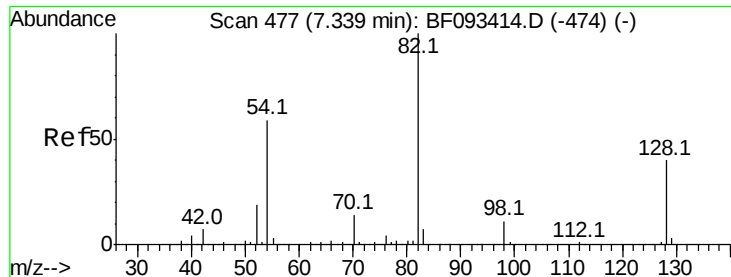
Abundance Ion 136.00 (135.70 to 136.70): E

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

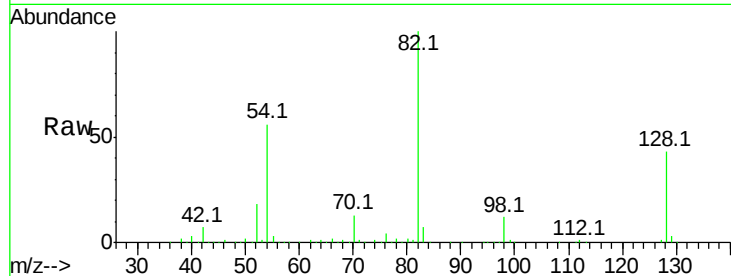




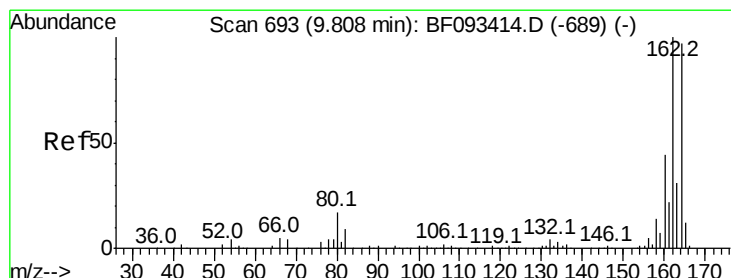
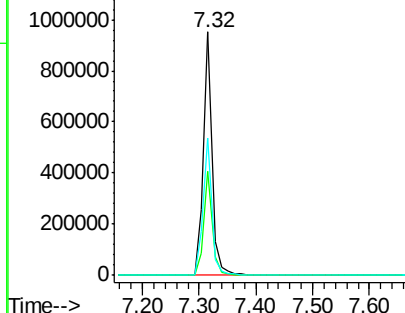
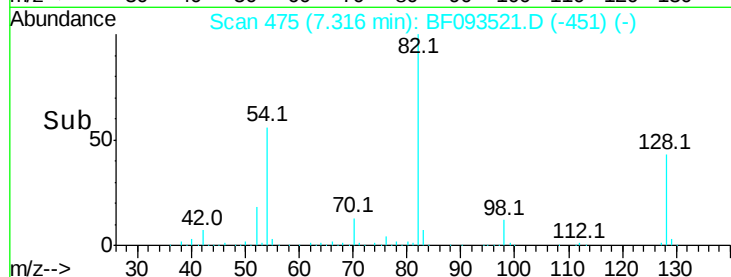
#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Tot Ion: 82 Resp: 976491
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 52.0
 54 56.4 39.5 59.3

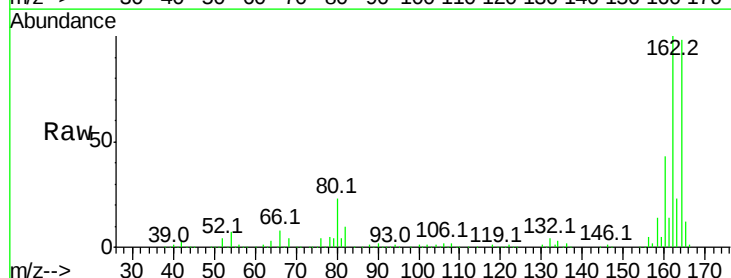


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

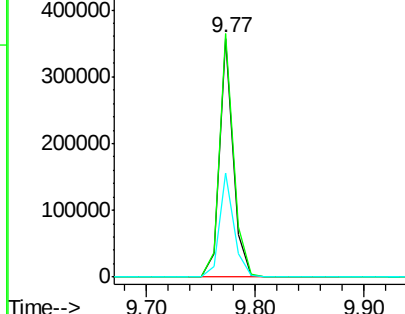
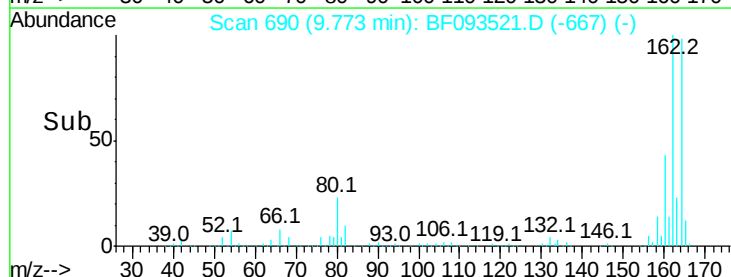


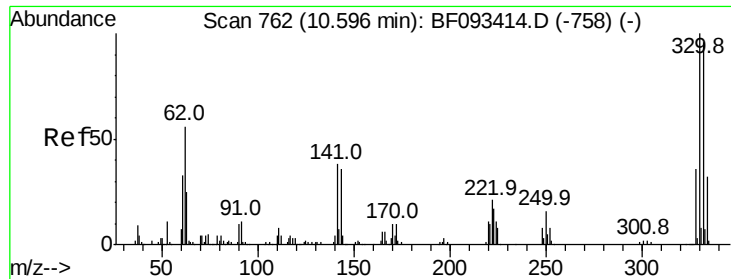
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Tgt Ion: 164 Resp: 318643
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 43.8 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

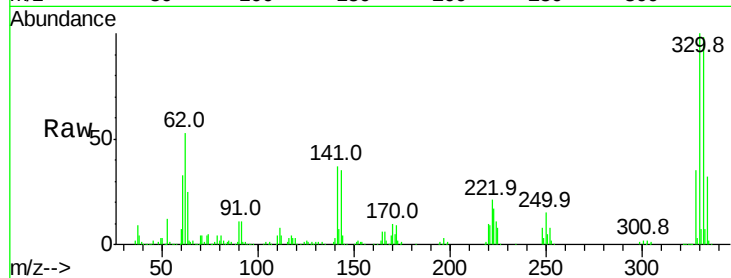




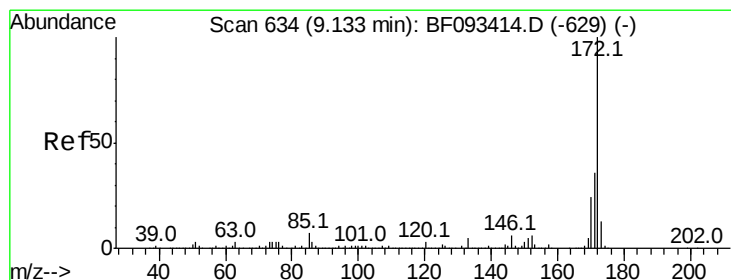
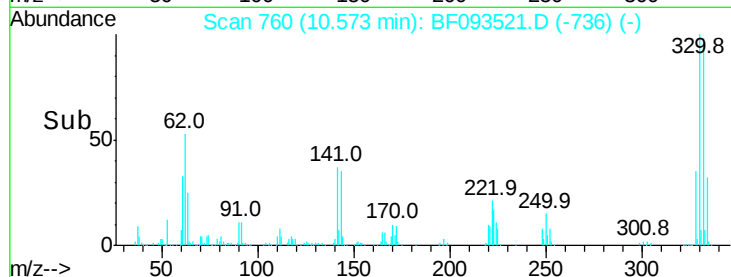
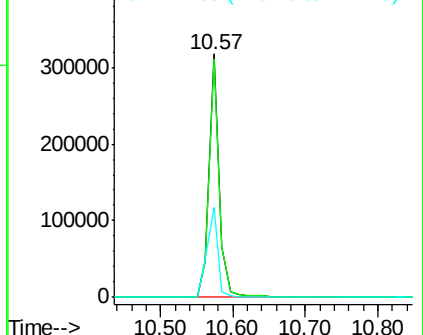
#41
 2,4,6-Tribromophenol
 Concen: 150.31 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-B44-B45-001

Tot Ion:330 Resp: 312055
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 40.1 34.1 51.1

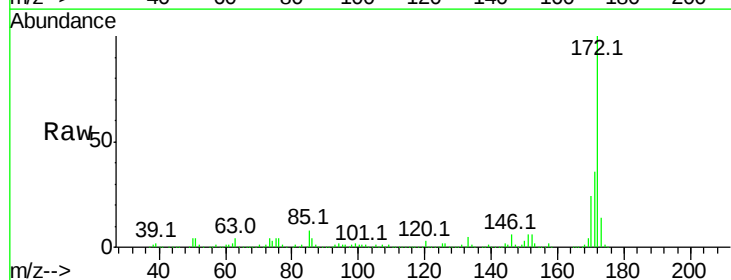


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

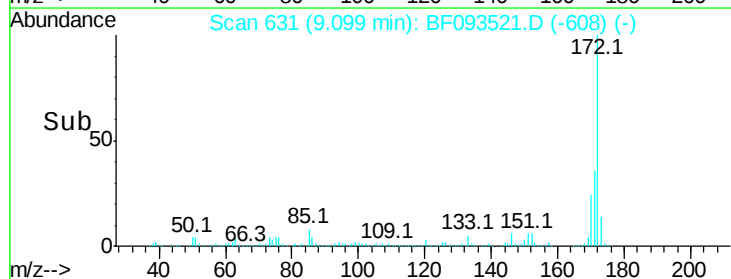
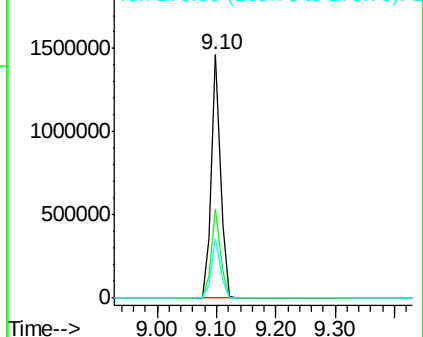


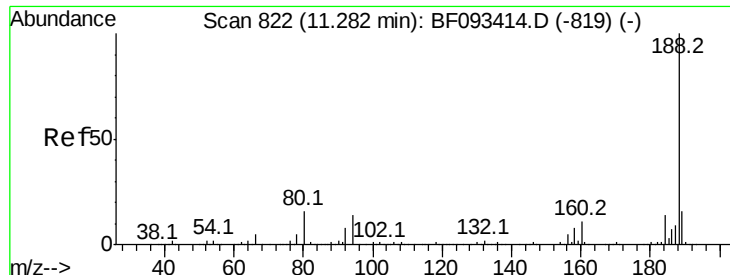
#44
 2-Fluorobiphenyl
 Concen: 92.07 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093521.D
 Acq: 10 Mar 2017 14:51

Tgt Ion:172 Resp: 1577222
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

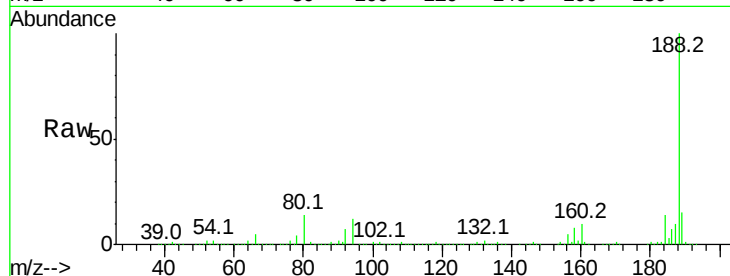




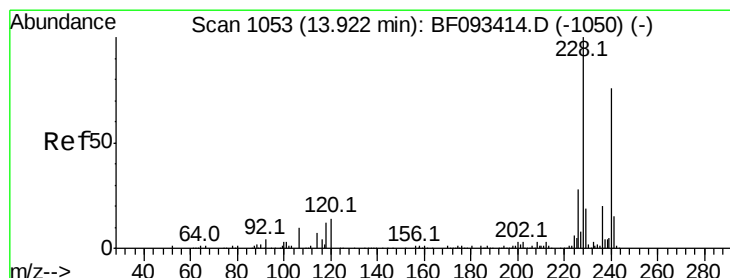
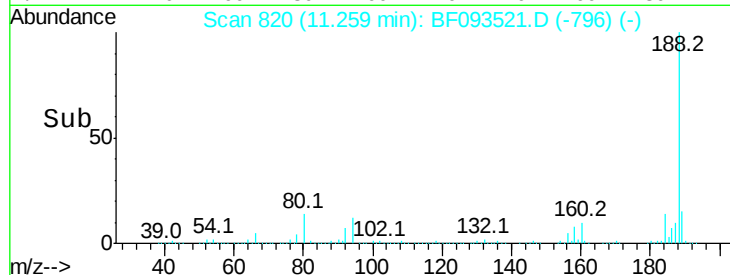
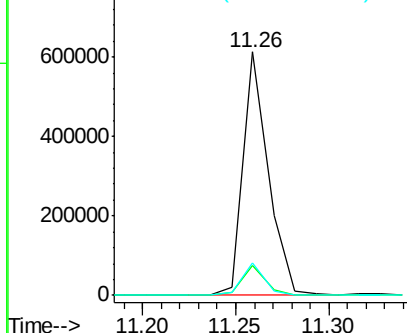
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Instrument :
BNA_F
ClientSampleId :
WC-B44-B45-001

Tot Ion:188 Resp: 584142
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 13.5 11.2 16.8

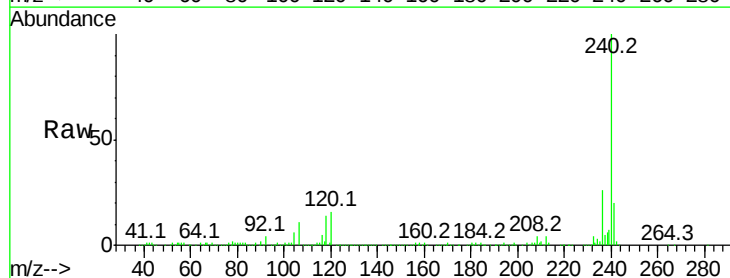


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

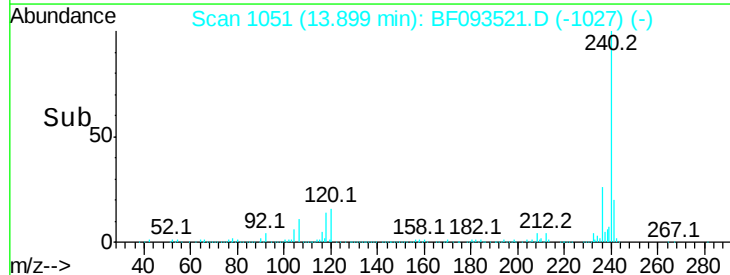
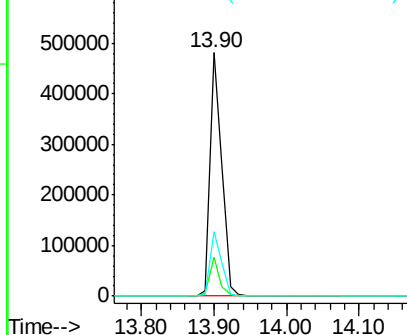


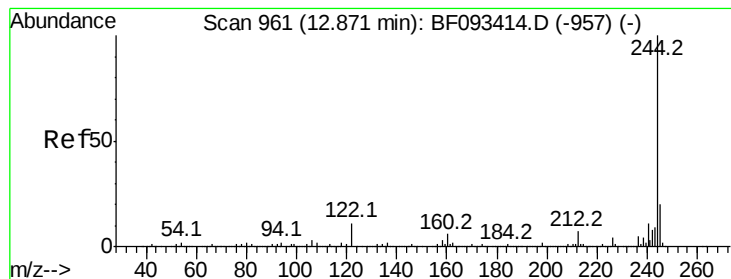
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093521.D
Acq: 10 Mar 2017 14:51

Tgt Ion:240 Resp: 538750
Ion Ratio Lower Upper
240 100
120 15.8 12.9 19.3
236 26.5 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: 72.69 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

Instrument :

BNA_F

ClientSampleId :

WC-B44-B45-001

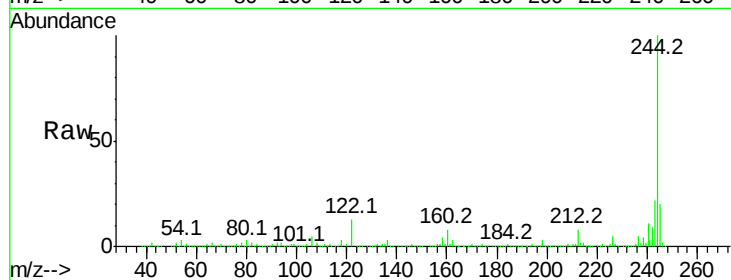
Tot Ion:244 Resp: 1506269

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

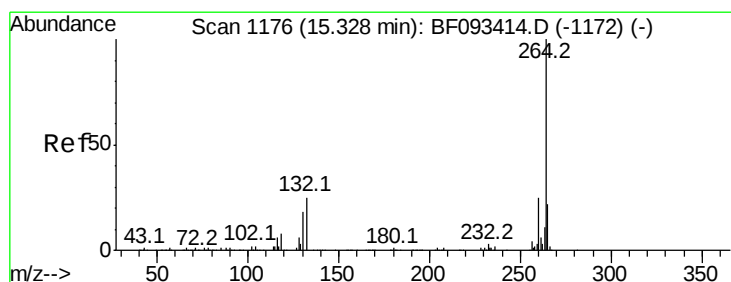
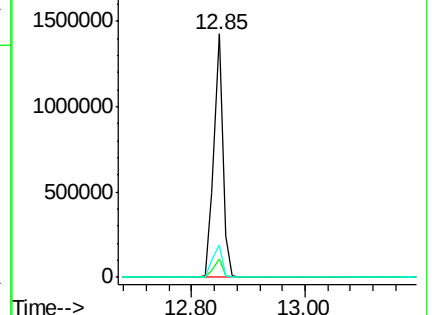
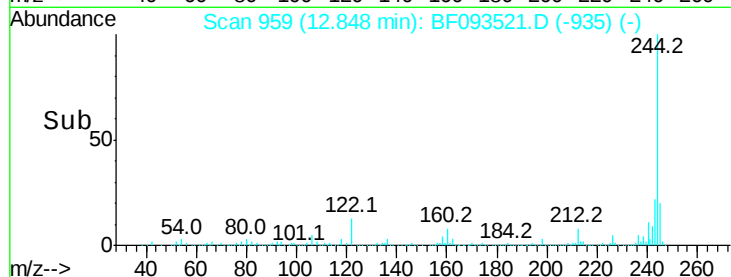
122 13.2 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093521.D

Acq: 10 Mar 2017 14:51

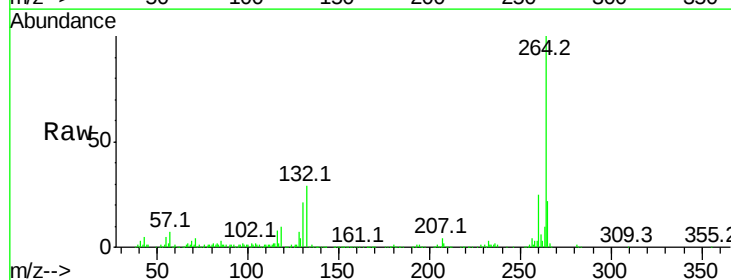
Tgt Ion:264 Resp: 400808

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

