

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093131.D
 Acq On : 24 Feb 2017 5:35
 Operator : SJ/MA
 Sample : PB97121BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BL

Quant Time: Feb 24 06:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152870	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	546797	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	229459	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	336286	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	310886	20.00	ng	-0.02
86) Perylene-d12	15.43	264	249099	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	750192	84.19	ng	-0.01
7) Phenol-d6	6.48	99	863994	75.36	ng	-0.01
23) Nitrobenzene-d5	7.41	82	874366	89.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	126545	76.25	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1394178	110.08	ng	-0.01
78) Terphenyl-d14	12.95	244	828162	62.59	ng	-0.02

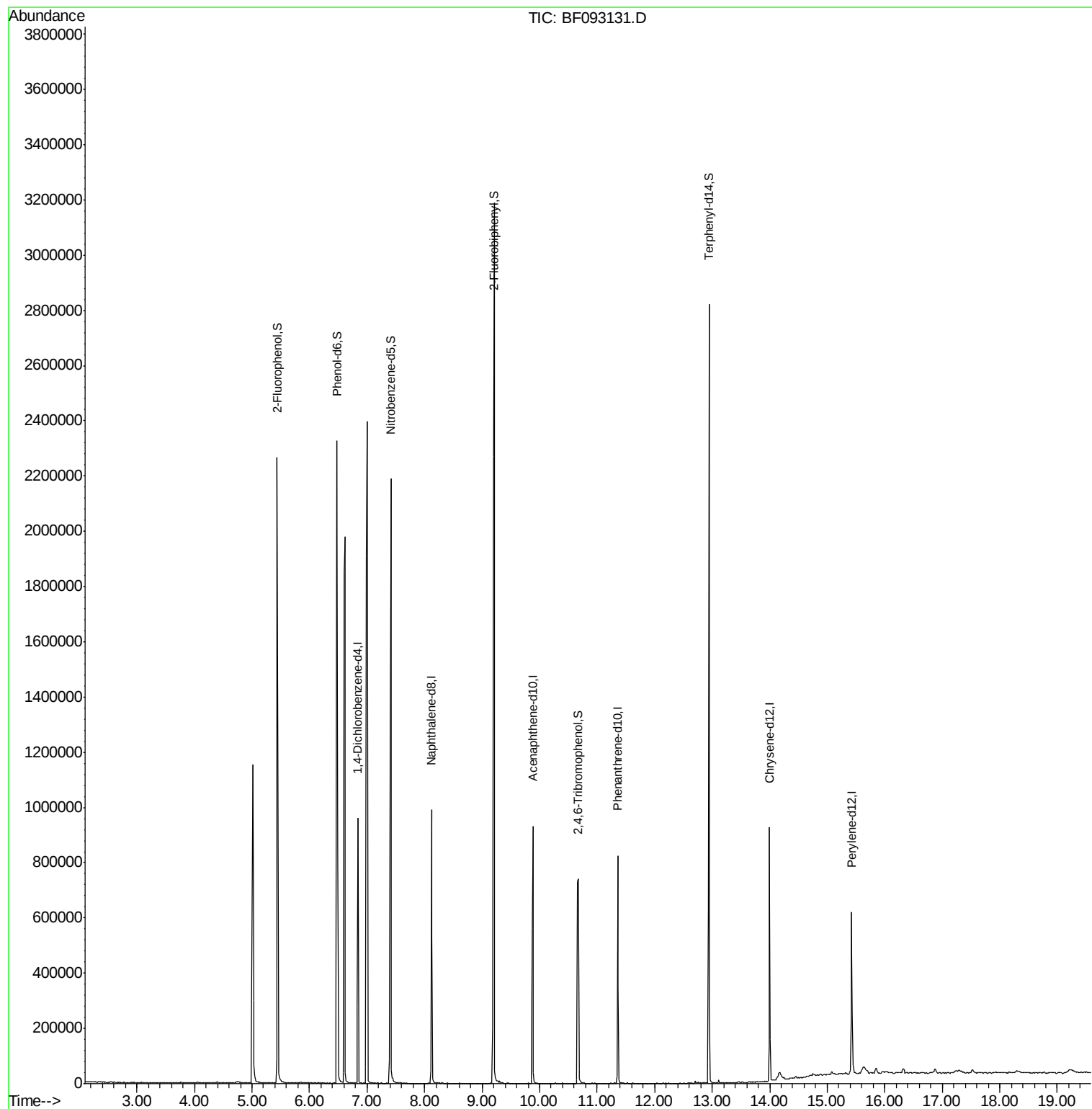
Target Compounds Qvalue

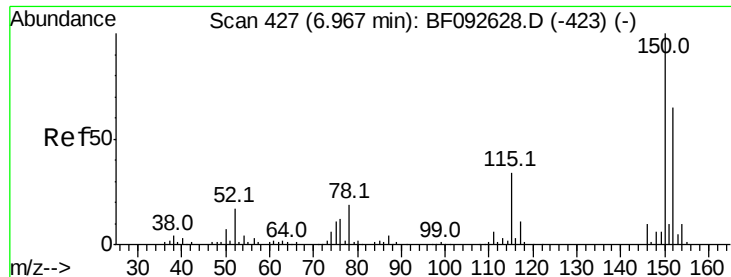
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97121BL

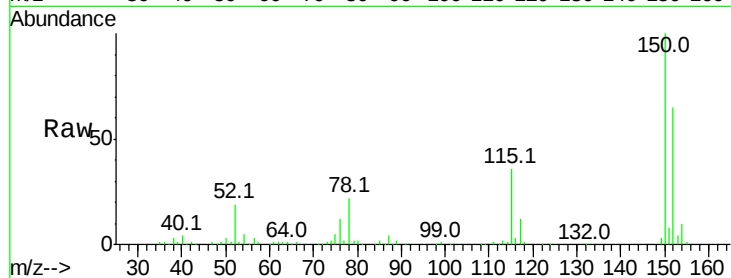
Tot Ion:152 Resp: 152870

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

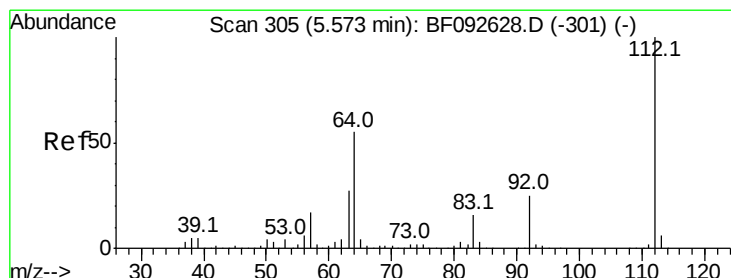
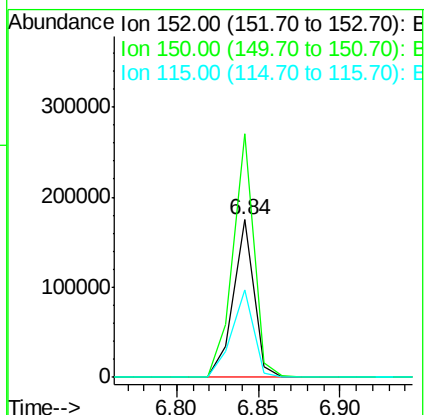
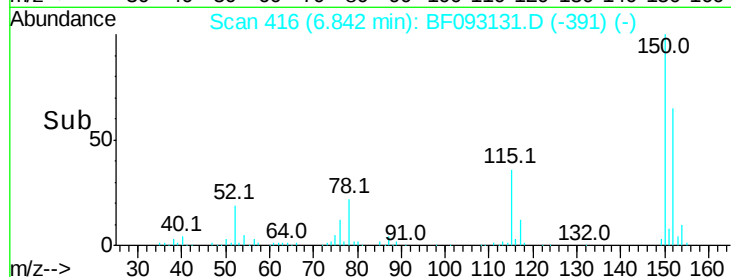
115 55.9 46.0 69.0



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: 84.19 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

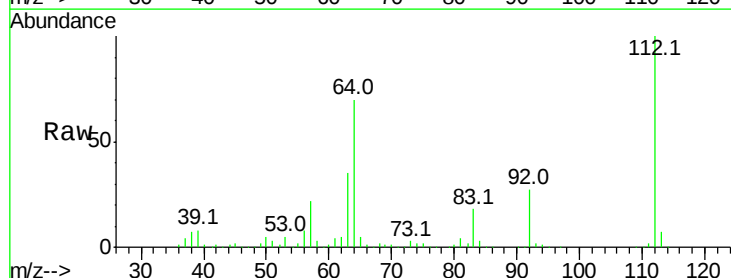
Tgt Ion:112 Resp: 750192

Ion Ratio Lower Upper

112 100

64 70.4 46.1 69.1#

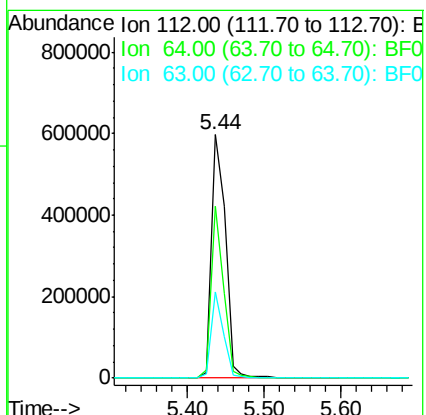
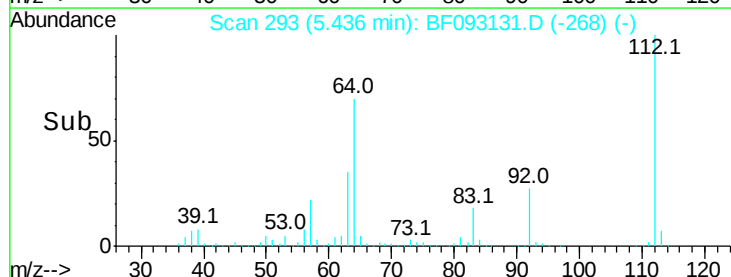
63 35.3 23.8 35.6

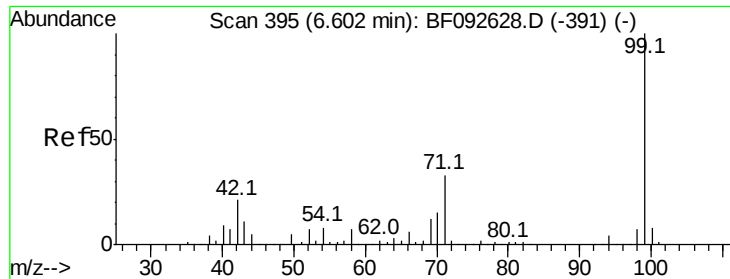


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.36 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97121BL

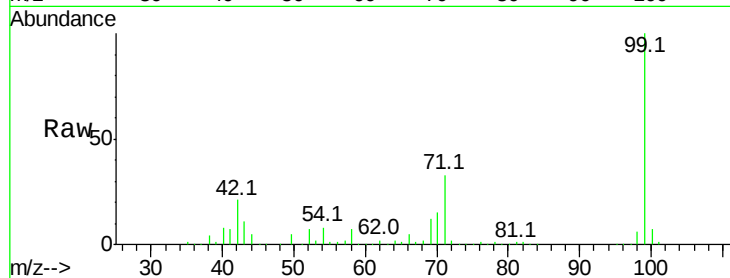
Tot Ion: 99 Resp: 863994

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

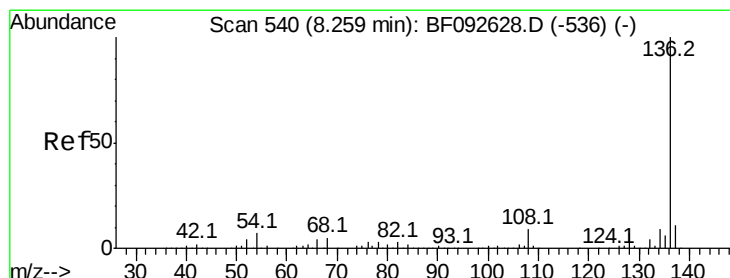
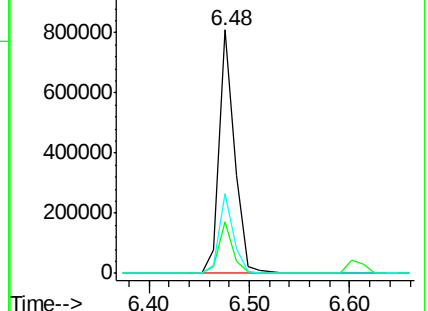
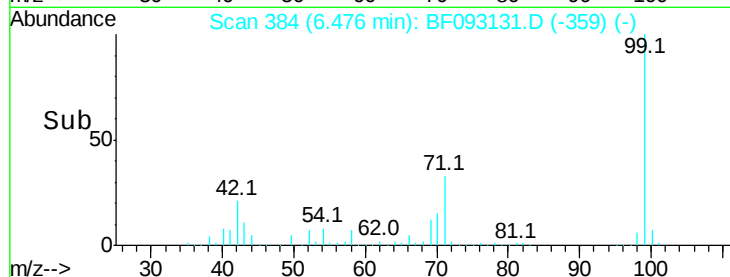
71 32.5 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

Tgt Ion: 136 Resp: 546797

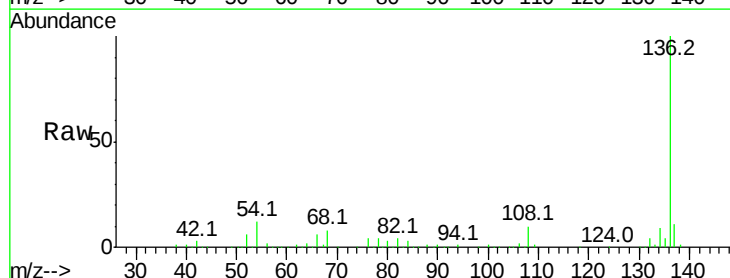
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.4 4.5 6.7#

68 8.4 3.6 5.4#

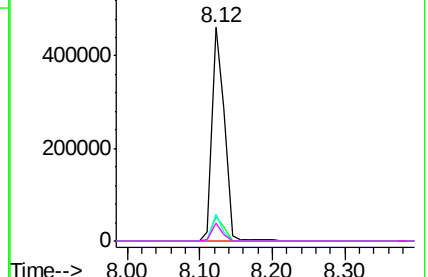
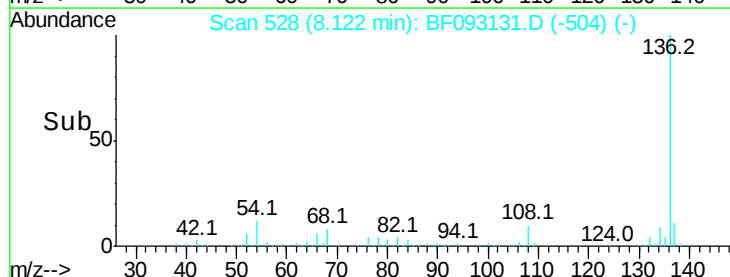


Abundance Ion 136.00 (135.70 to 136.70): E

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

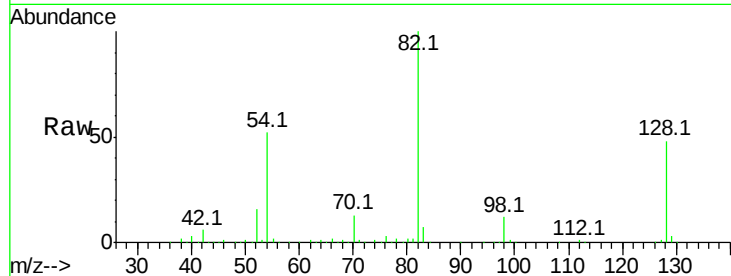




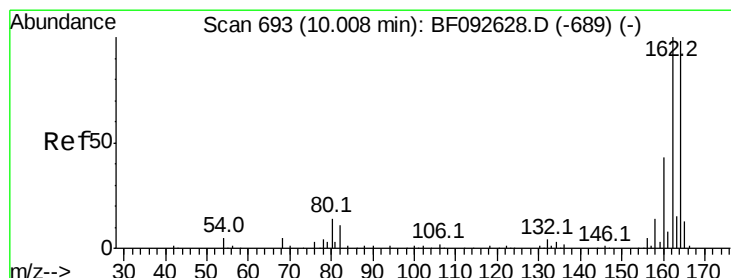
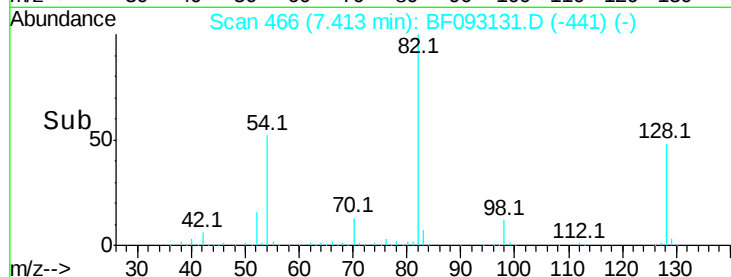
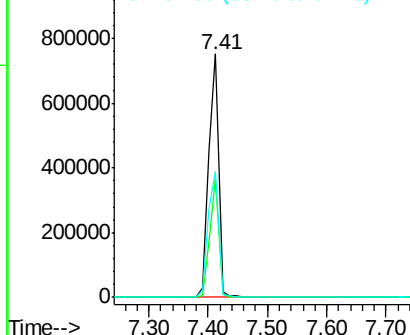
#23
Nitrobenzene-d5
Concen: 89.05 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093131.D
Acq: 24 Feb 2017 5:35

Instrument :
BNA_F
ClientSampleId :
PB97121BL

Tot Ion: 82 Resp: 874366
Ion Ratio Lower Upper
82 100
128 48.3 34.6 52.0
54 51.8 39.5 59.3

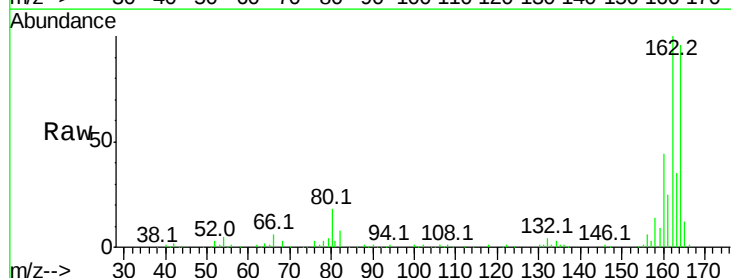


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

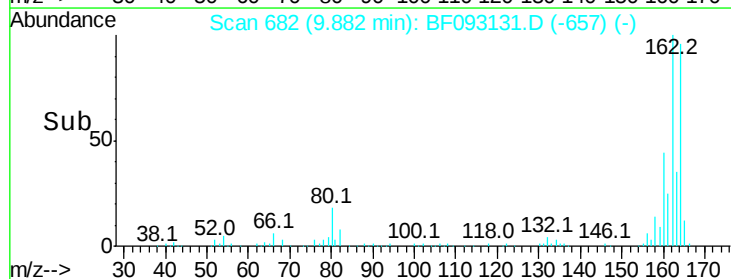
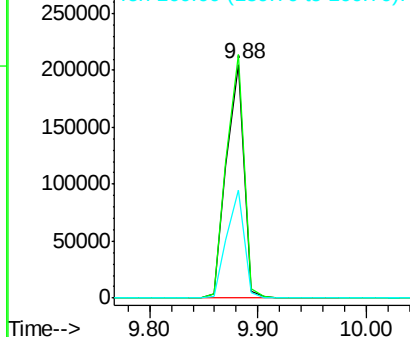


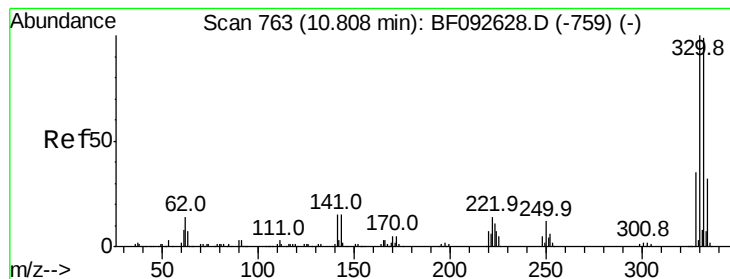
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093131.D
Acq: 24 Feb 2017 5:35

Tgt Ion: 164 Resp: 229459
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 76.25 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97121BL

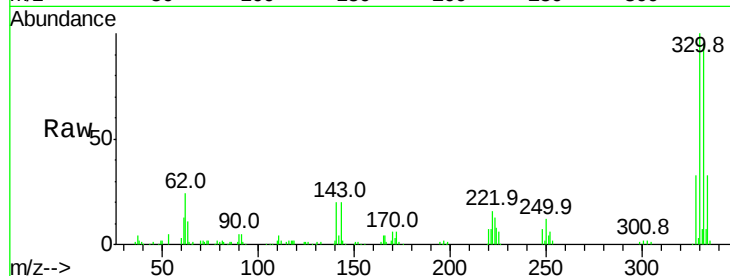
Tot Ion:330 Resp: 126545

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

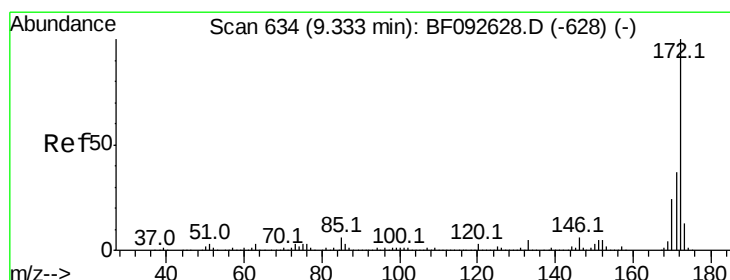
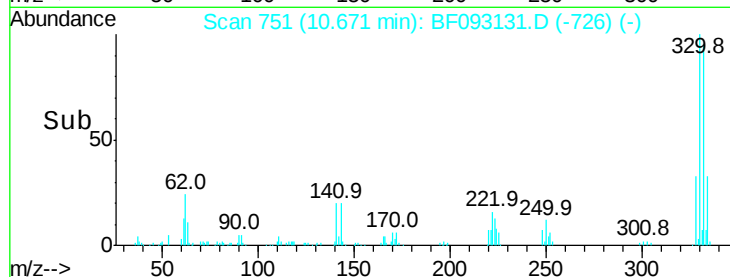
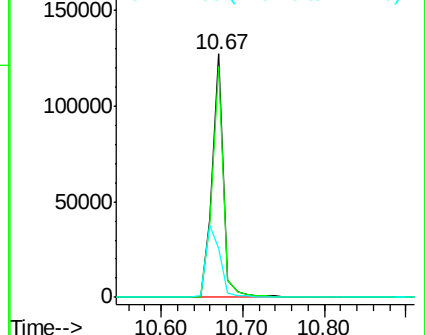
141 37.4 34.1 51.1



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: 110.08 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

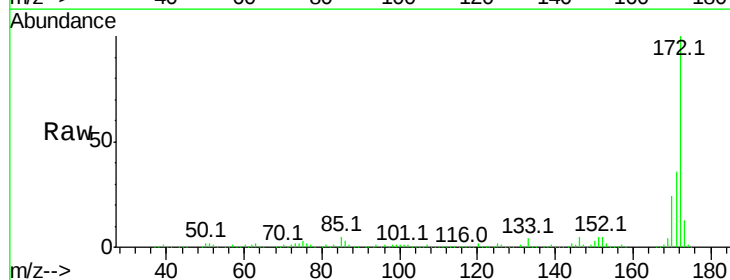
Tgt Ion:172 Resp: 1394178

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

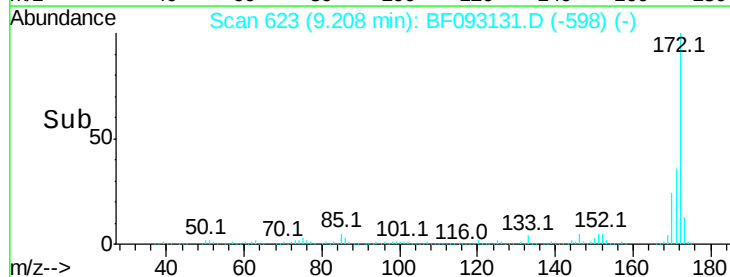
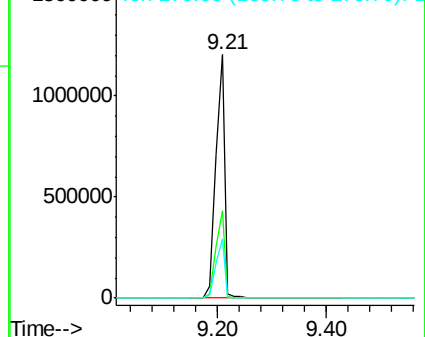
170 24.4 20.2 30.4



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

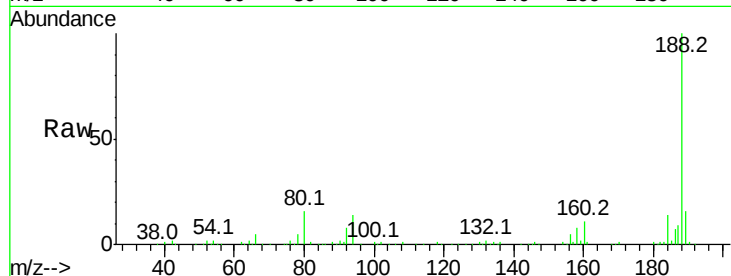




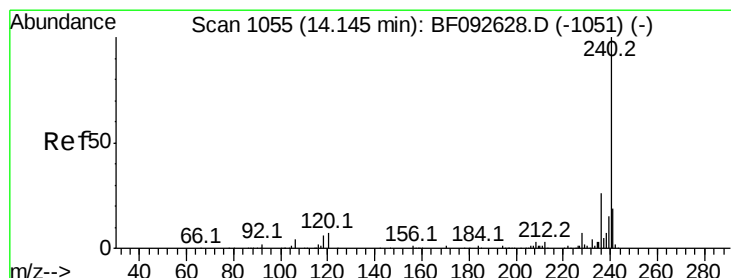
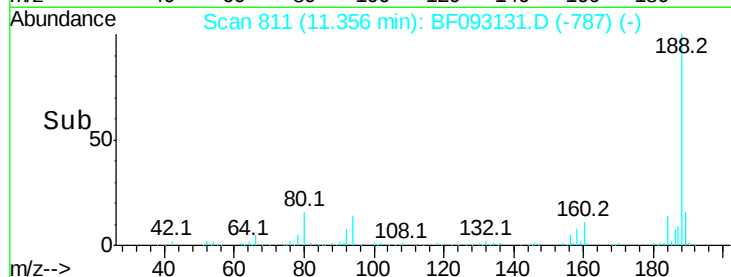
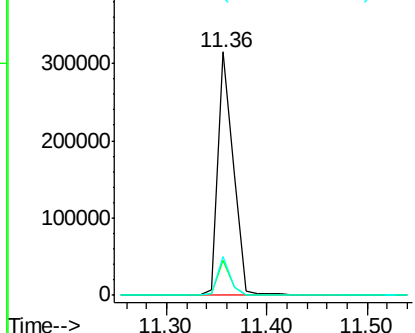
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093131.D
Acq: 24 Feb 2017 5:35

Instrument :
BNA_F
ClientSampleId :
PB97121BL

Tot Ion:188 Resp: 336286
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.8 11.2 16.8

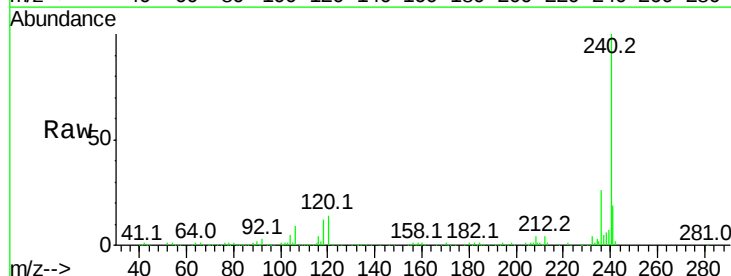


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

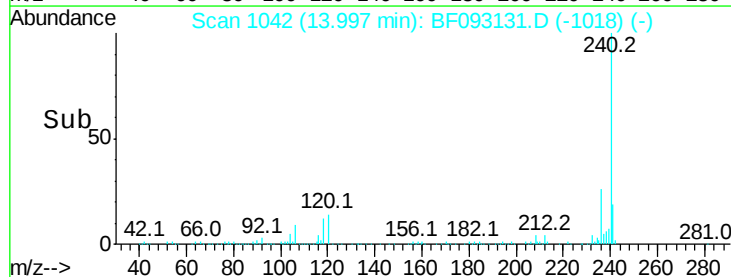
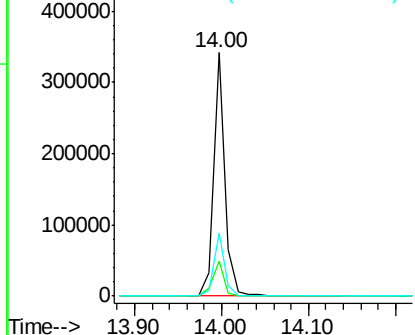


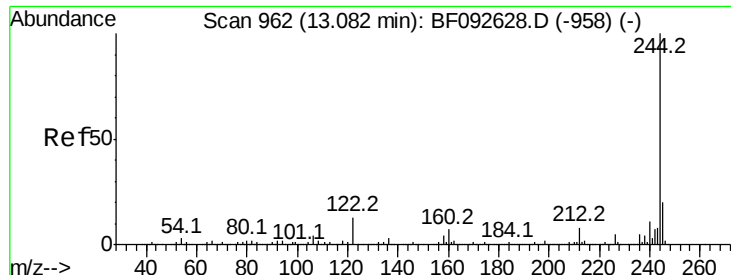
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093131.D
Acq: 24 Feb 2017 5:35

Tgt Ion:240 Resp: 310886
Ion Ratio Lower Upper
240 100
120 14.3 12.9 19.3
236 26.0 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: 62.59 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

Instrument :

BNA_F

ClientSampleId :

PB97121BL

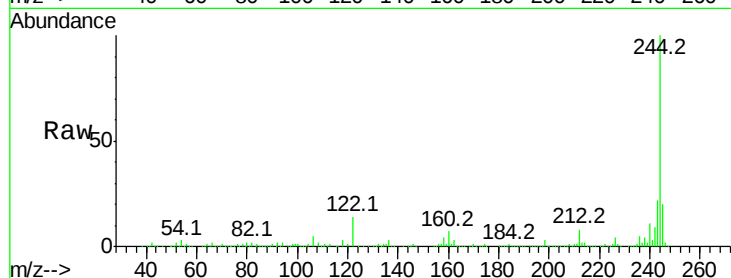
Tot Ion:244 Resp: 828162

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

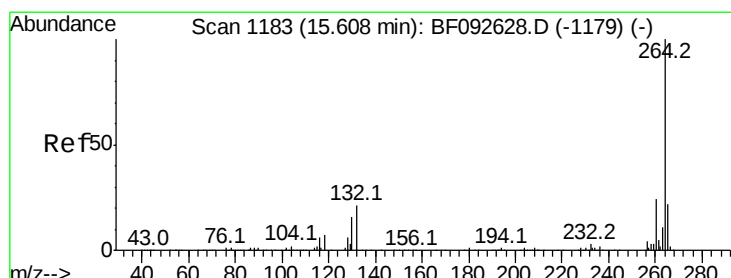
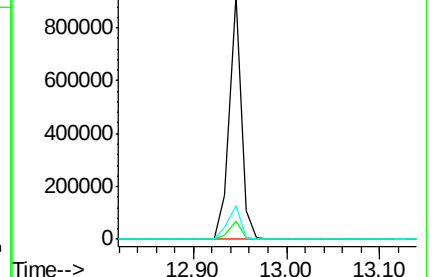
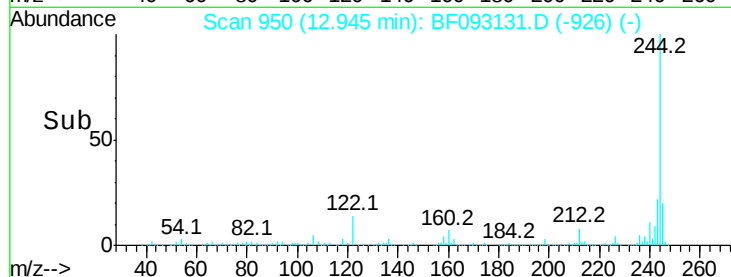
122 13.9 11.4 17.2



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093131.D

Acq: 24 Feb 2017 5:35

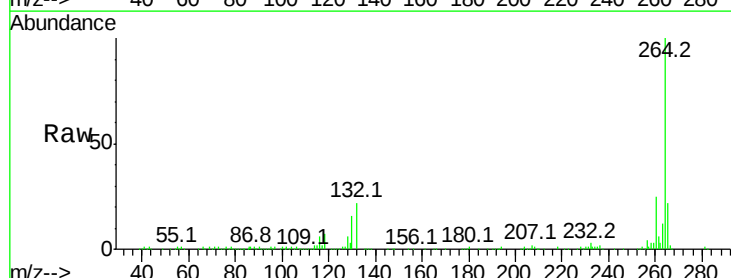
Tgt Ion:264 Resp: 249099

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.8 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

