

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090870.D
 Acq On : 27 Oct 2016 13:25
 Operator : UM/SJ
 Sample : PB94264BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

Quant Time: Oct 27 17:15:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 16:56:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	133476	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	547457	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	296465	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	548203	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	482181	20.00	ng	-0.01
86) Perylene-d12	15.35	264	384887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	104086	13.63	ng	0.00
7) Phenol-d6	6.41	99	153379	14.89	ng	-0.01
23) Nitrobenzene-d5	7.34	82	89937	10.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	33562	11.02	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	205705	12.18	ng	-0.01
78) Terphenyl-d14	12.89	244	216071	11.29	ng	-0.01

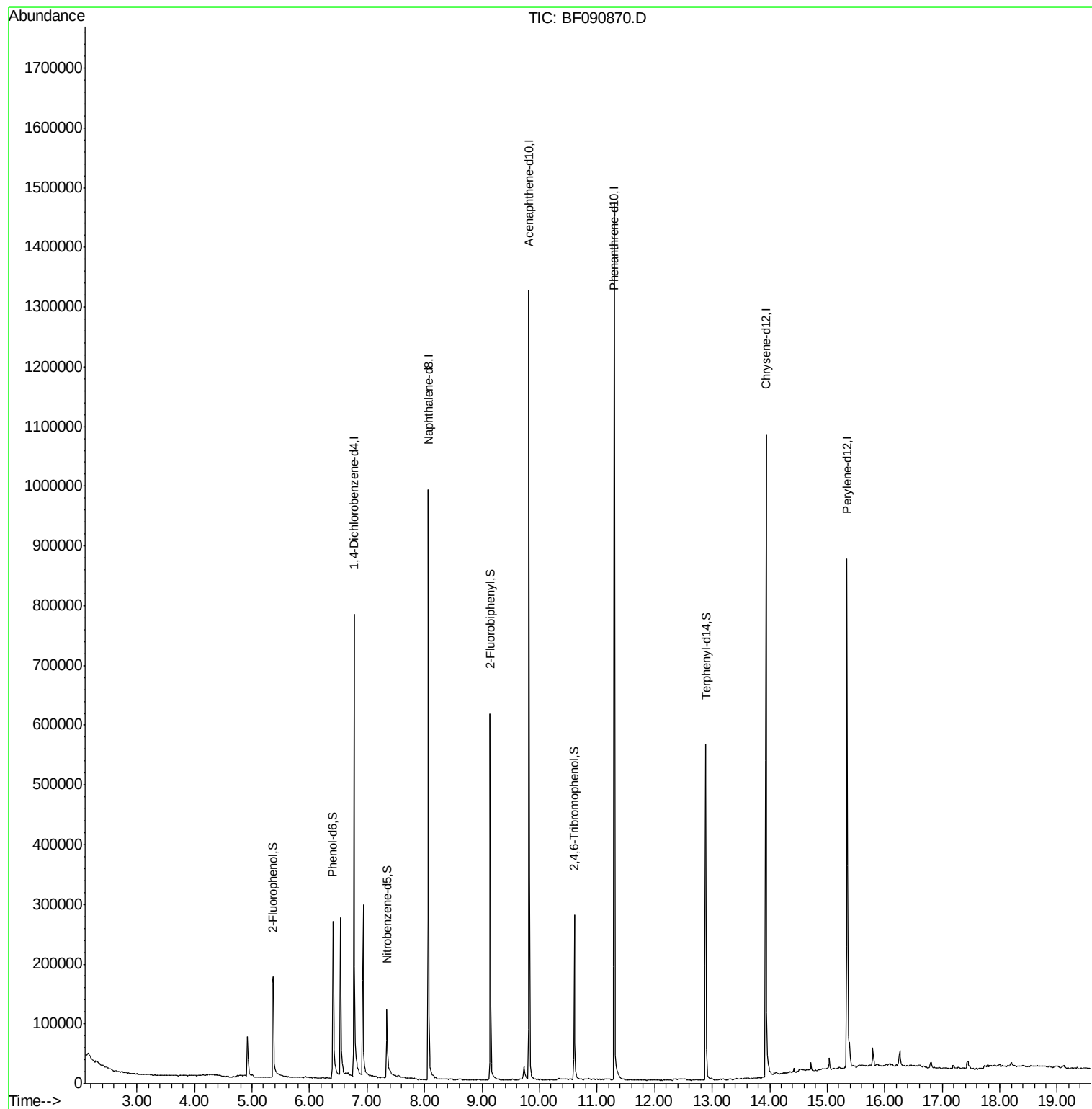
Target Compounds Qvalue

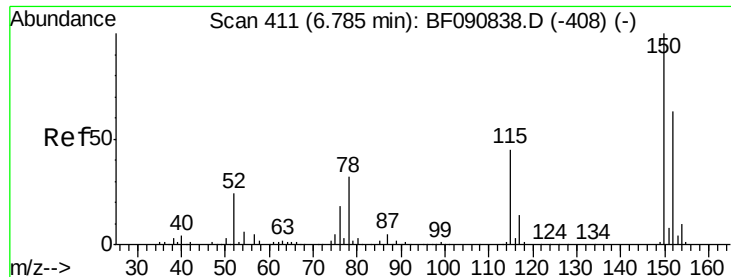
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

Instrument :

BNA_F

ClientSampleId :

PB94264BL

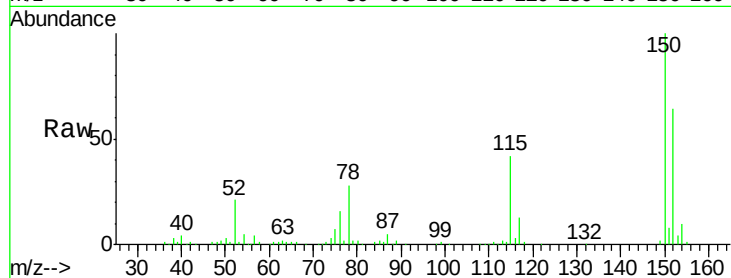
Tot Ion:152 Resp: 133476

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

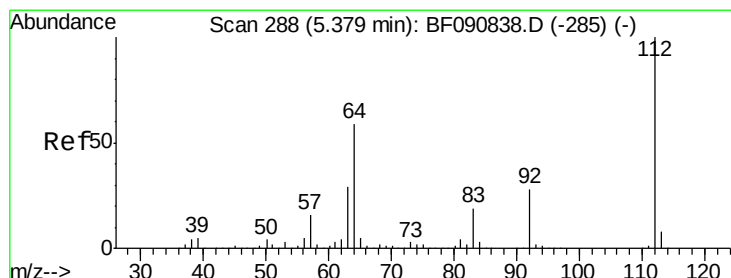
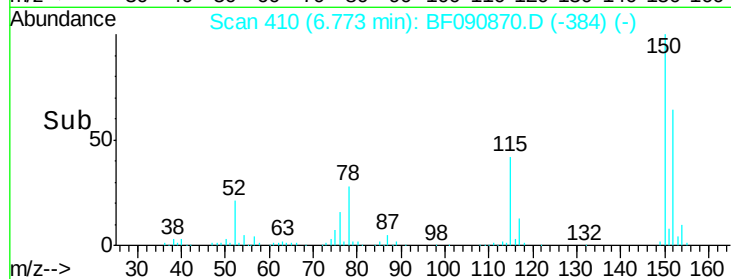
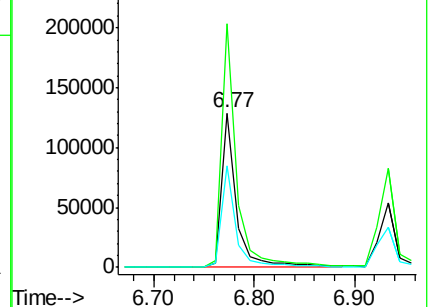
115 65.5 39.0 58.4#



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: 13.63 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

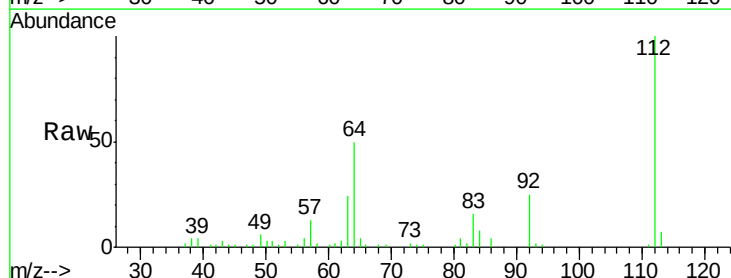
Tgt Ion:112 Resp: 104086

Ion Ratio Lower Upper

112 100

64 50.4 39.7 59.5

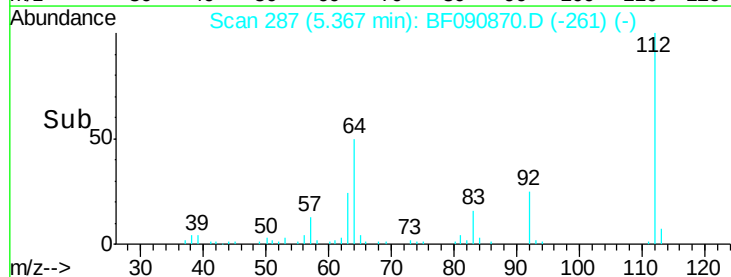
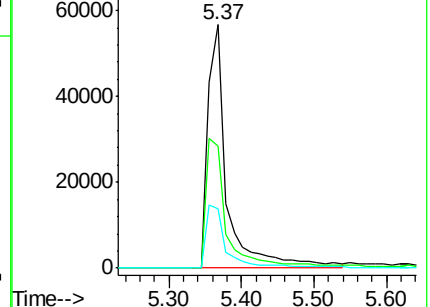
63 24.2 17.4 26.0

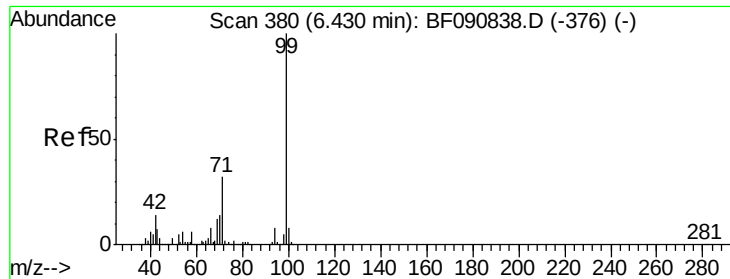


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.89 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

Instrument :

BNA_F

ClientSampleId :

PB94264BL

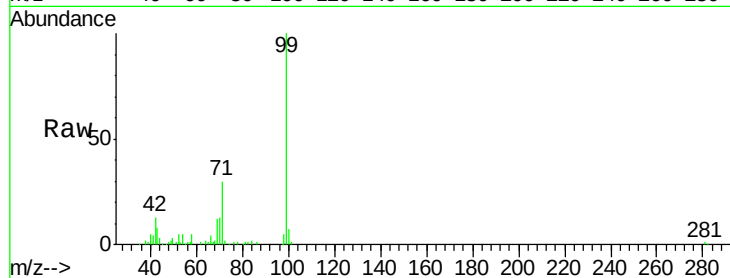
Tot Ion: 99 Resp: 153379

Ion Ratio Lower Upper

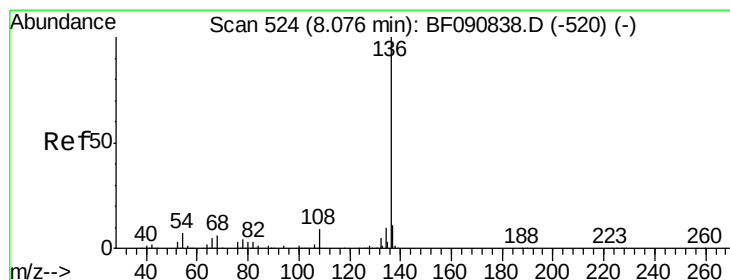
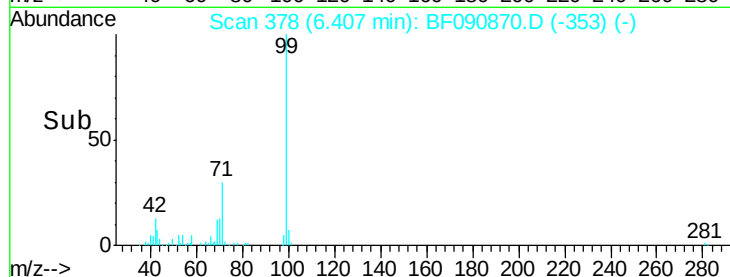
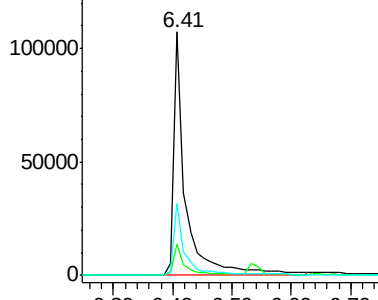
99 100

42 12.7 13.7 20.5#

71 29.8 14.2 21.2#



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: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

Tgt Ion: 136 Resp: 547457

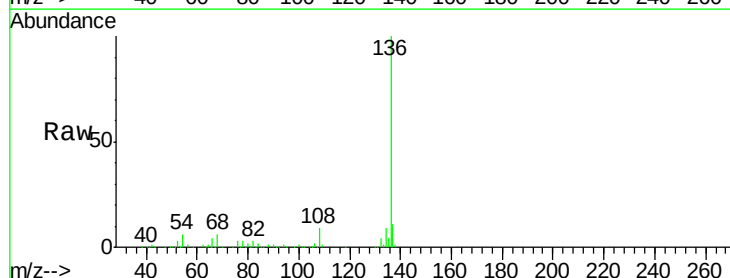
Ion Ratio Lower Upper

136 100

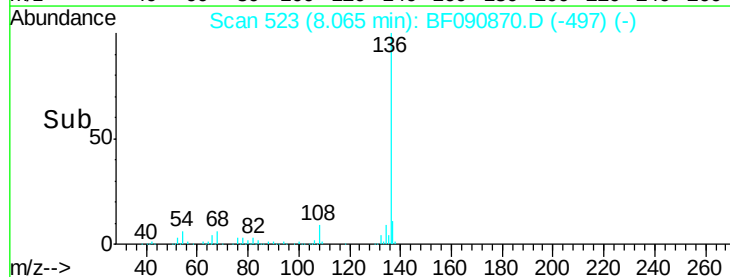
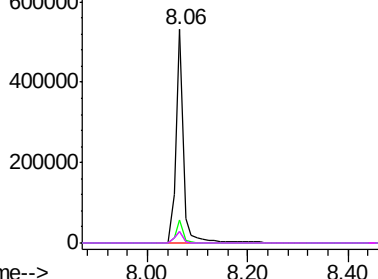
137 10.8 9.0 13.6

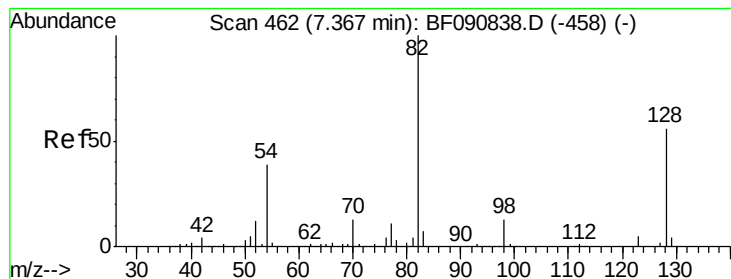
54 5.5 8.2 12.2#

68 5.5 5.8 8.6#



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: 10.75 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

Instrument :

BNA_F

ClientSampleId :

PB94264BL

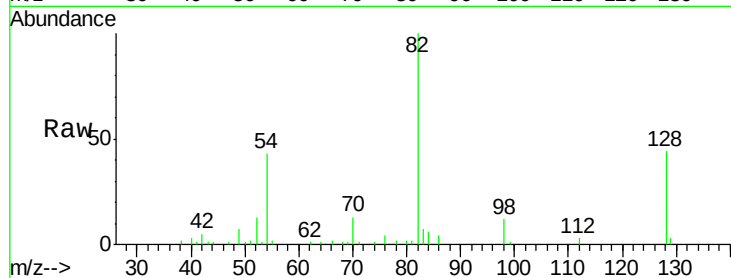
Tot Ion: 82 Resp: 89937

Ion Ratio Lower Upper

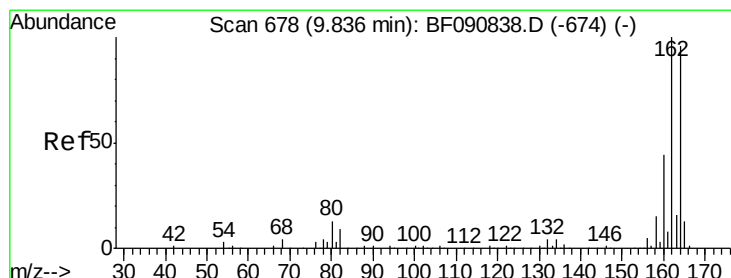
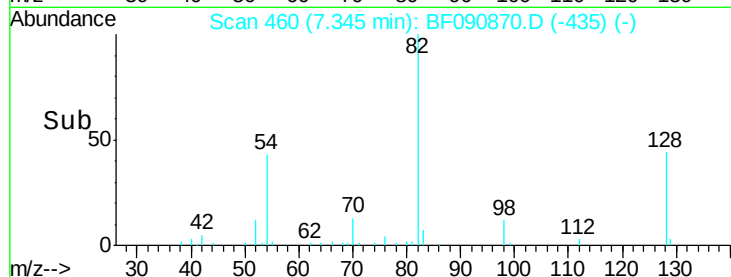
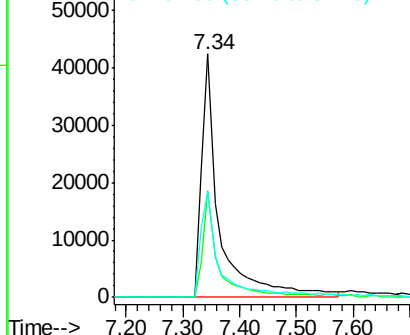
82 100

128 43.6 51.0 76.6#

54 43.5 47.5 71.3#



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: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

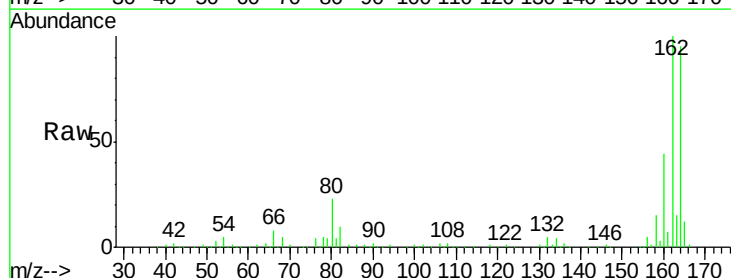
Tgt Ion:164 Resp: 296465

Ion Ratio Lower Upper

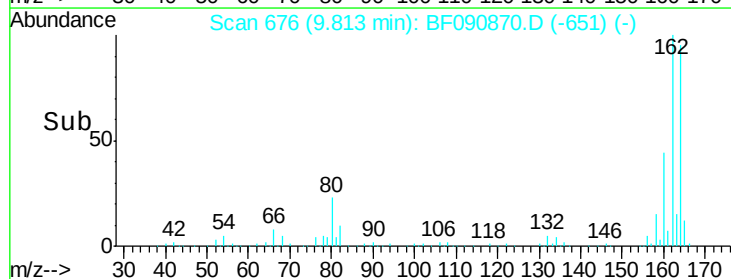
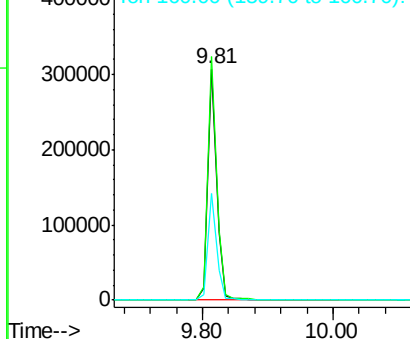
164 100

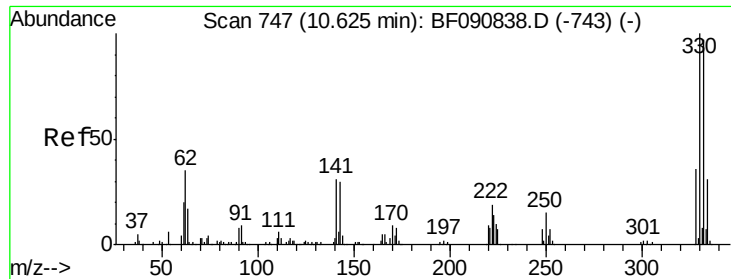
162 105.3 75.2 112.8

160 46.4 31.5 47.3



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

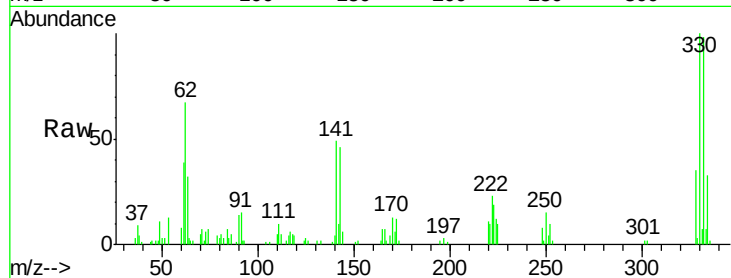




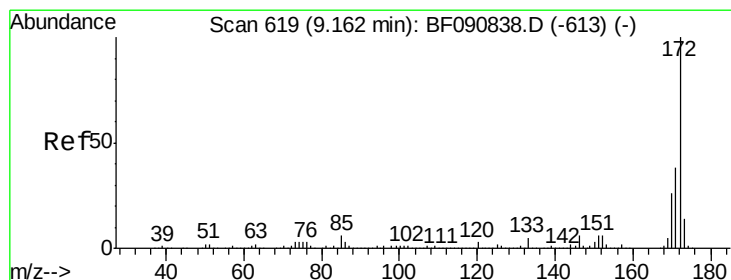
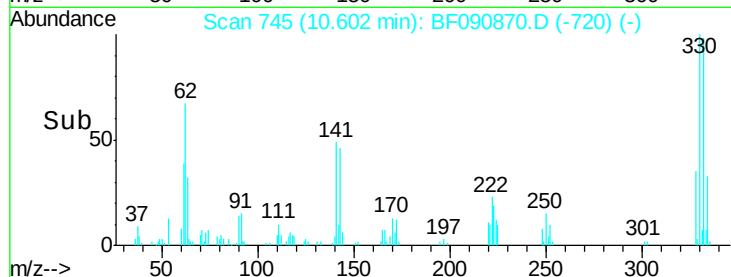
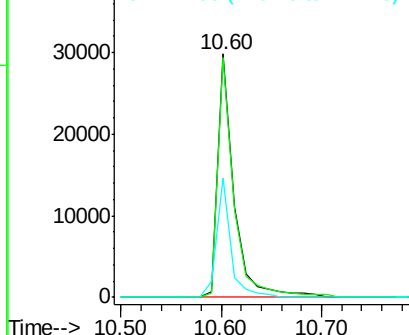
#41
 2,4,6-Tribromophenol
 Concen: 11.02 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090870.D
 Acq: 27 Oct 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BL

Tot Ion:330 Resp: 33562
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 42.6 29.7 44.5

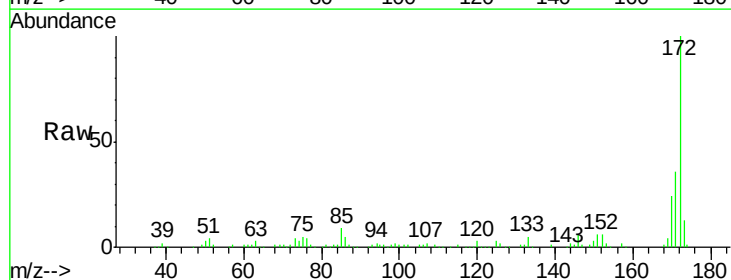


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

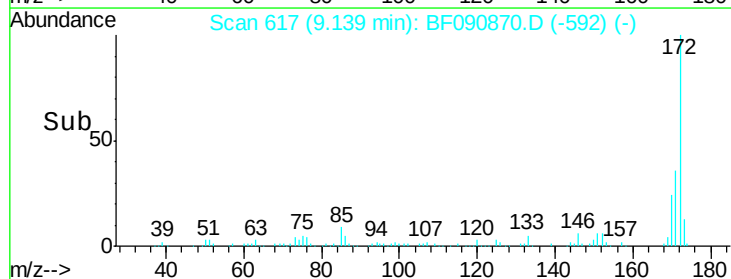
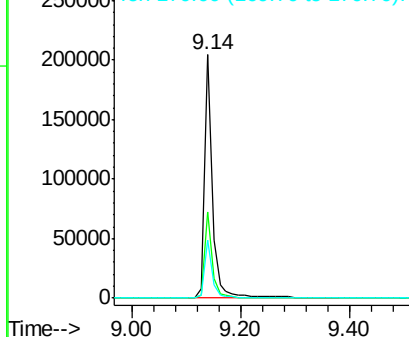


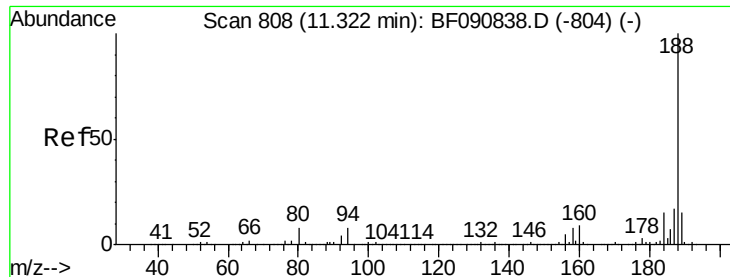
#44
 2-Fluorobiphenyl
 Concen: 12.18 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090870.D
 Acq: 27 Oct 2016 13:25

Tgt Ion:172 Resp: 205705
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.8 17.4 26.2



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

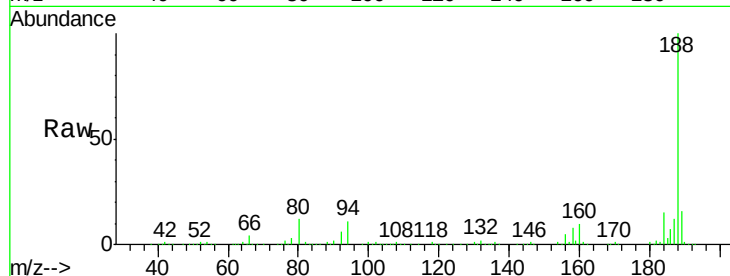




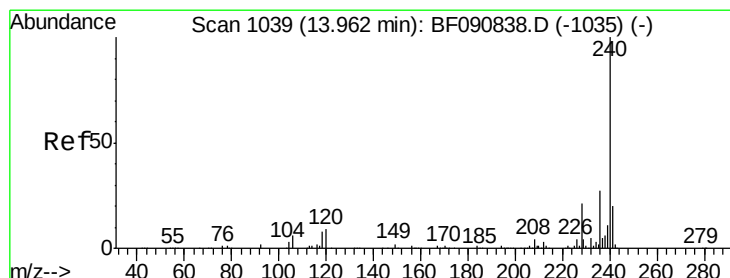
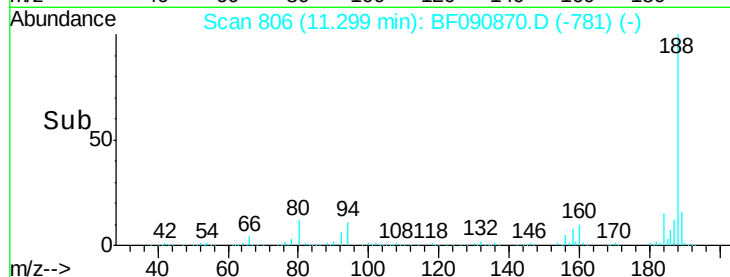
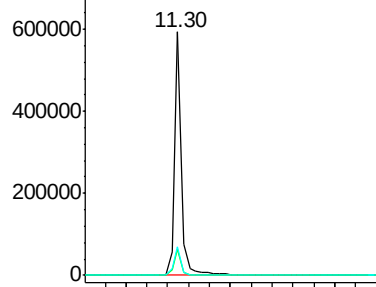
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090870.D
Acq: 27 Oct 2016 13:25

Instrument :
BNA_F
ClientSampleId :
PB94264BL

Tot Ion:188 Resp: 548203
Ion Ratio Lower Upper
188 100
94 10.5 11.1 16.7#
80 11.8 11.0 16.4

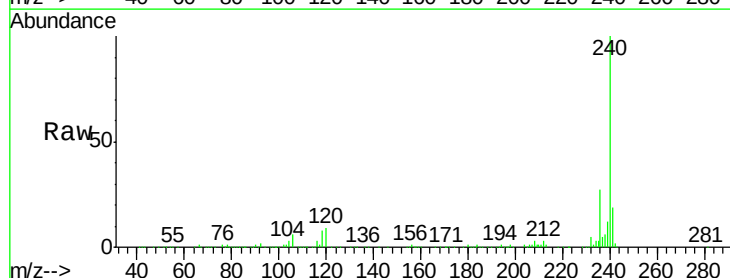


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

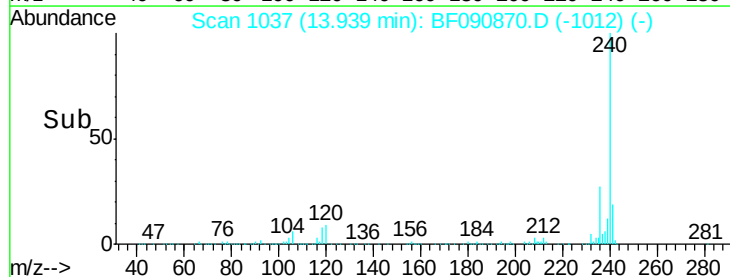
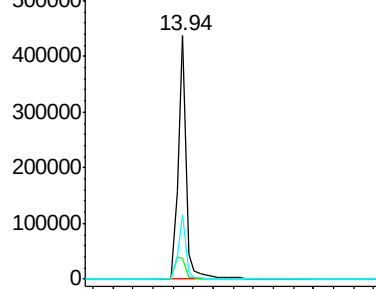


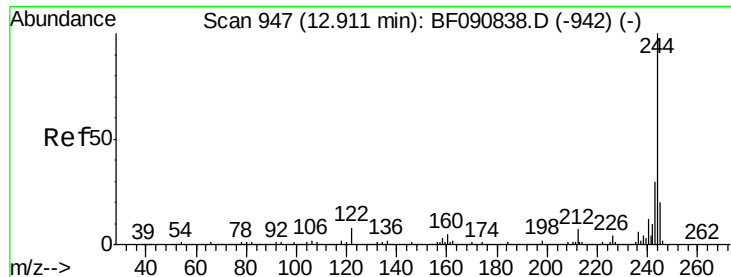
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090870.D
Acq: 27 Oct 2016 13:25

Tgt Ion:240 Resp: 482181
Ion Ratio Lower Upper
240 100
120 8.8 16.2 24.2#
236 26.7 18.4 27.6



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: 11.29 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

Instrument :

BNA_F

ClientSampled :

PB94264BL

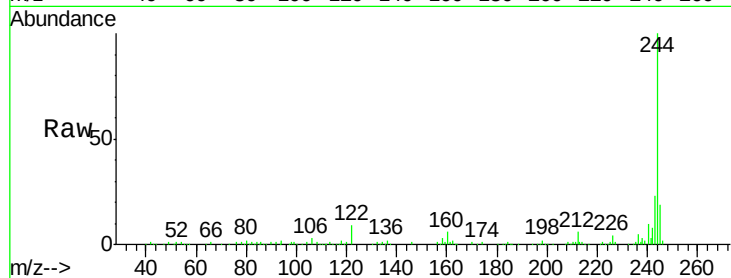
Tot Ion:244 Resp: 216071

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

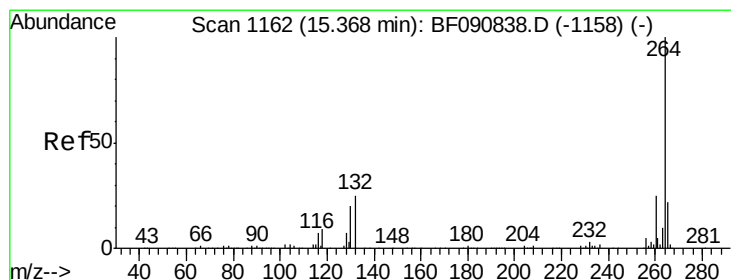
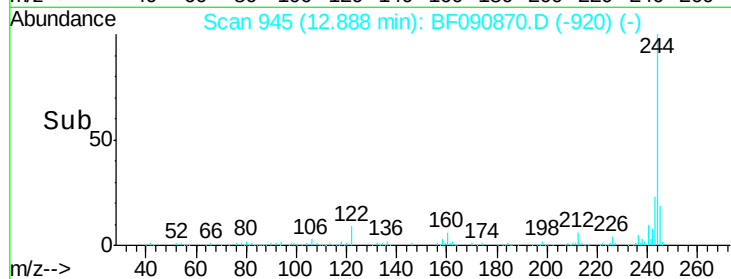
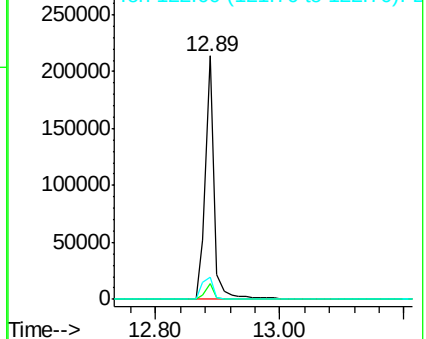
122 9.1 17.4 26.2#



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: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090870.D

Acq: 27 Oct 2016 13:25

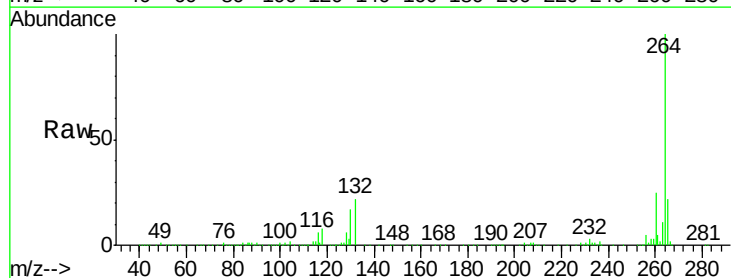
Tgt Ion:264 Resp: 384887

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 22.1 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

