

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092097.D
 Acq On : 1 Aug 2016 18:23
 Operator : UM/SJ
 Sample : PB92309BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Quant Time: Aug 02 01:12:51 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	13244	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	56713	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	32145	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	116835	5.00	ng	0.00
31) Chrysene-d12	21.74	240	134291	5.00	ng	0.00
40) Perylene-d12	24.15	264	118233	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	22817	6.28	ng	-0.02
5) Phenol-d6	7.33	99	25883	5.14	ng	0.00
9) Nitrobenzene-d5	9.35	82	13925	3.15	ng	0.00
16) 2,4,6-Tribromophenol	16.34	330	10737	5.06	ng	0.00
17) 2-Fluorobiphenyl	13.46	172	34588	2.78	ng	0.00
34) Terphenyl-d14	20.21	244	41899	3.18	ng	0.00

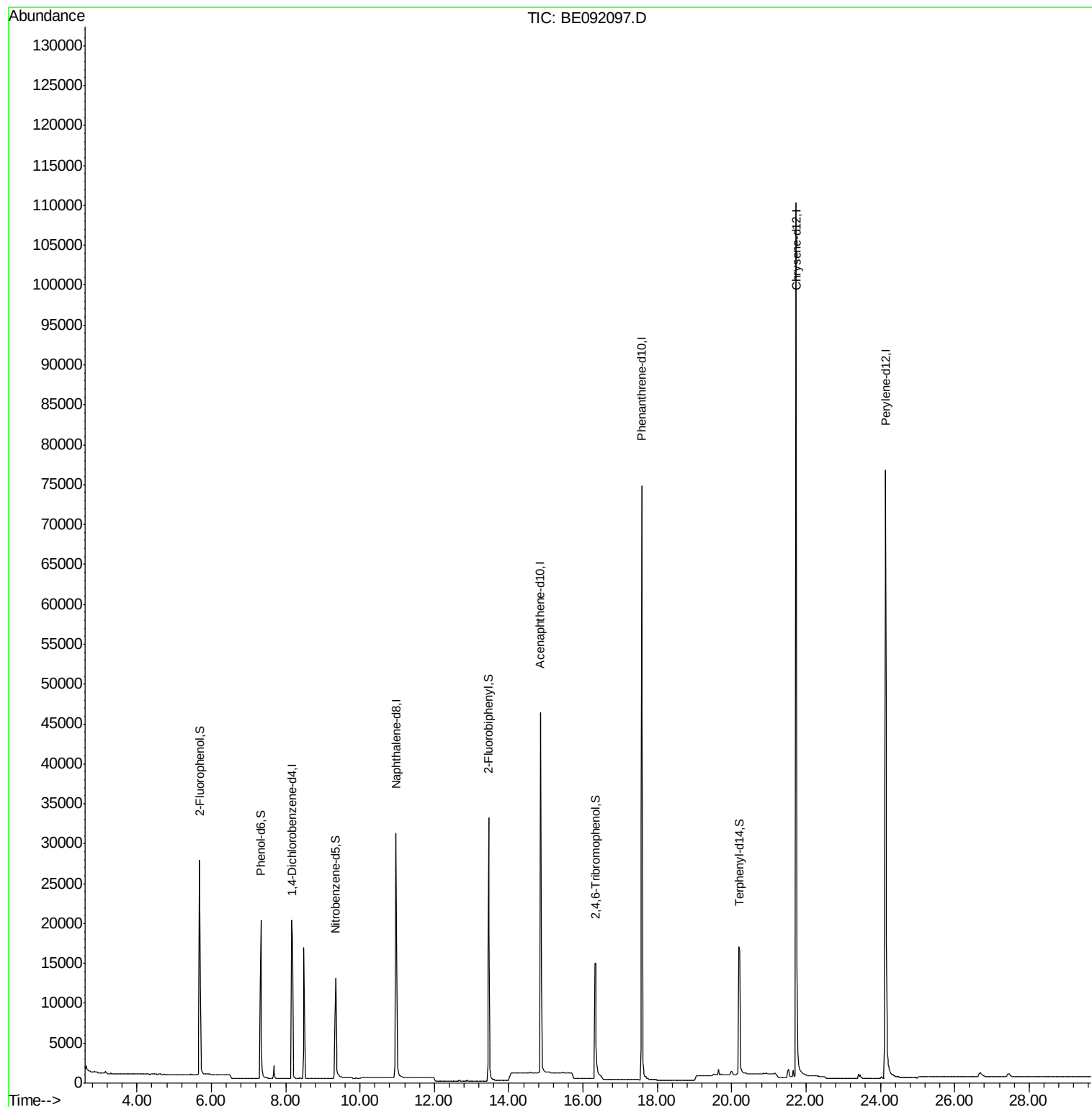
Target Compounds Qvalue

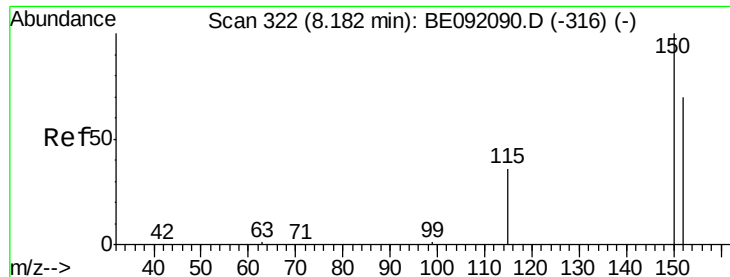
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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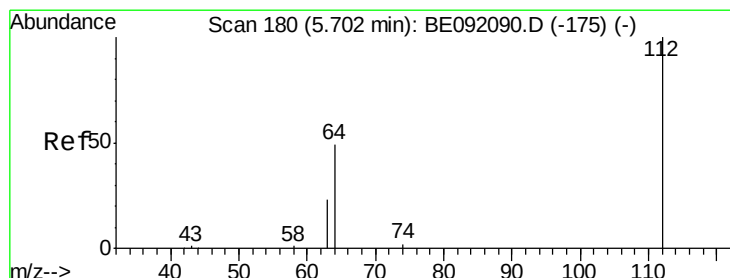
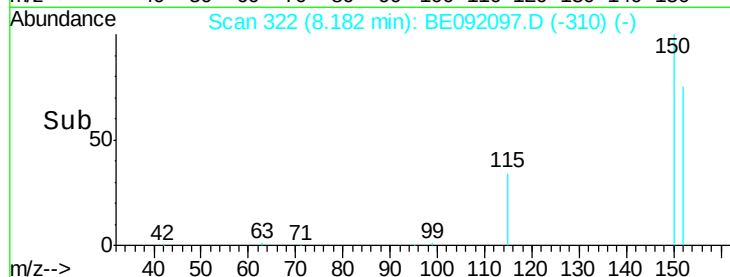
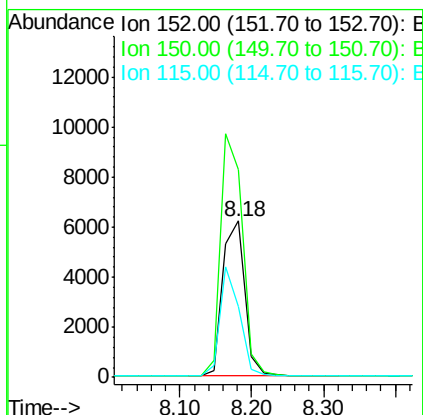
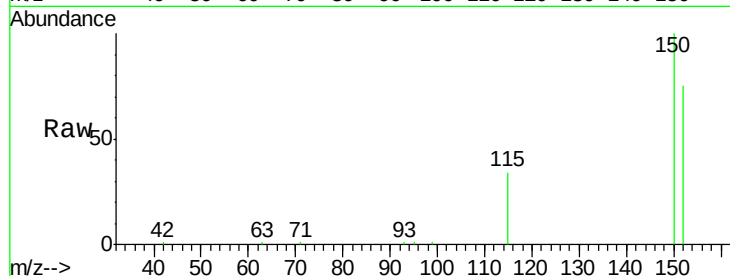


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.18 min Scan# 322
Delta R.T. 0.00 min
Lab File: BE092097.D
Acq: 1 Aug 2016 18:23

Instrument :
BNA_E
ClientSampleId :
PB92309BL

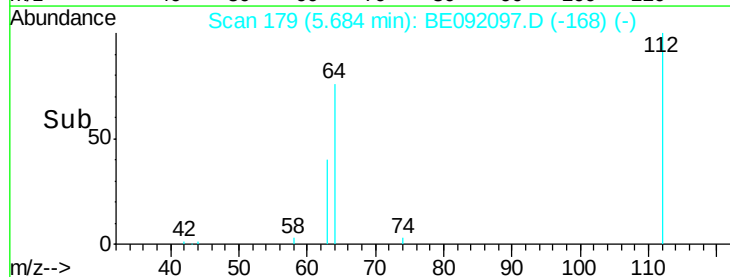
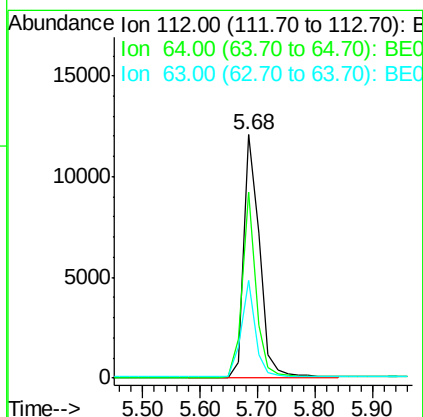
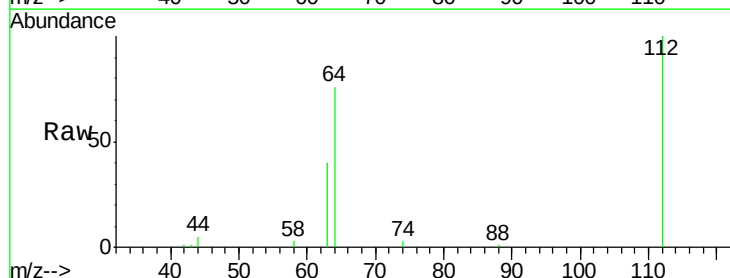
Tot Ion:152 Resp: 13244
Ion Ratio Lower Upper
152 100
150 133.2 106.0 159.0
115 45.7 36.9 55.3

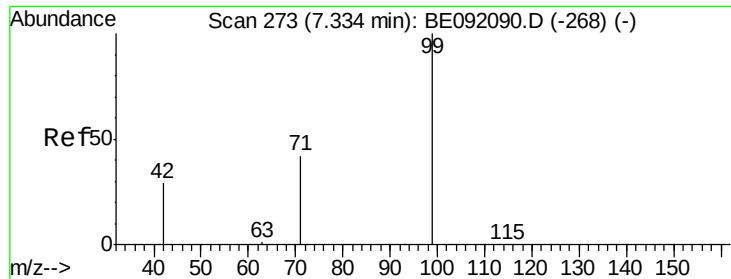


#4

2-Fluorophenol
Concen: 6.28 ng
RT: 5.68 min Scan# 179
Delta R.T. -0.02 min
Lab File: BE092097.D
Acq: 1 Aug 2016 18:23

Tgt Ion:112 Resp: 22817
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 35.9 31.1 46.7





#5

Phenol-d6

Concen: 5.14 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092097.D

Acq: 1 Aug 2016 18:23

Instrument :

BNA_E

ClientSampleId :

PB92309BL

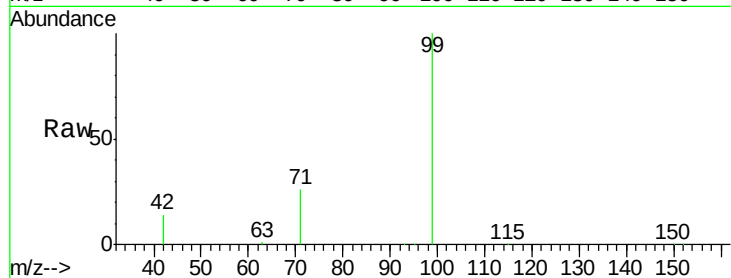
Tot Ion: 99 Resp: 25883

Ion Ratio Lower Upper

99 100

42 24.7 22.4 33.6

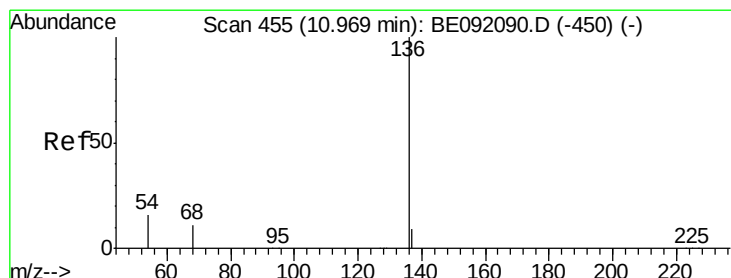
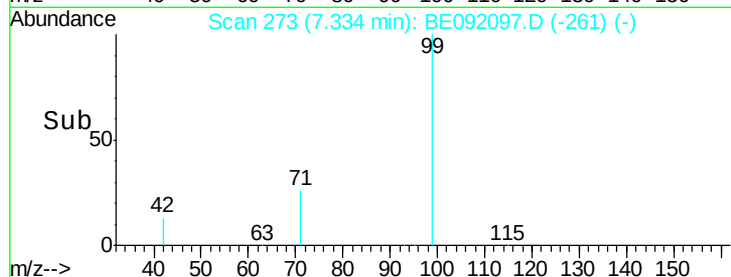
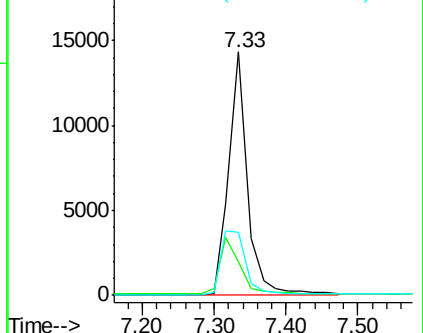
71 35.1 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092097.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BE092097.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BE092097.D (-268) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 455

Delta R.T. 0.00 min

Lab File: BE092097.D

Acq: 1 Aug 2016 18:23

Tgt Ion: 136 Resp: 56713

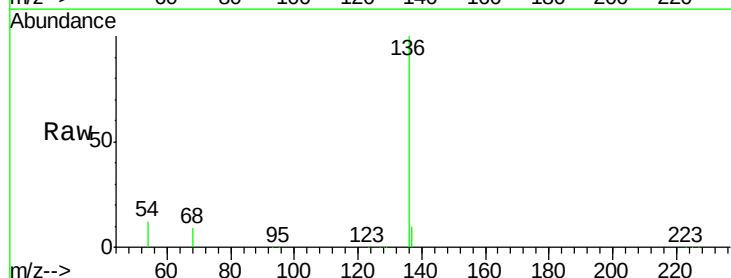
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 12.1 2.7 4.1#

68 8.6 2.2 3.4#

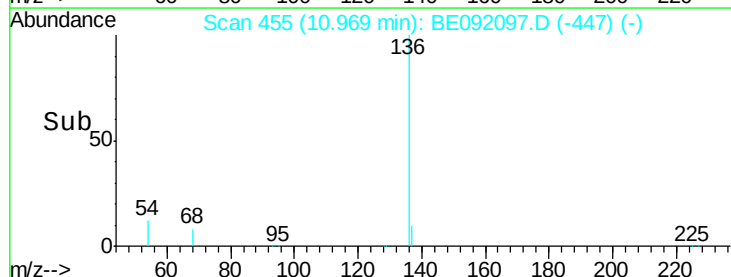
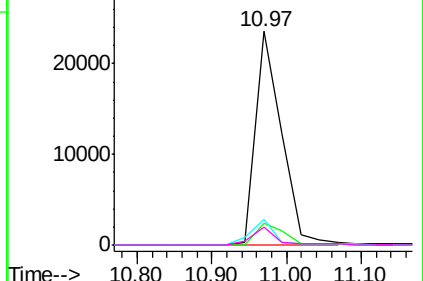


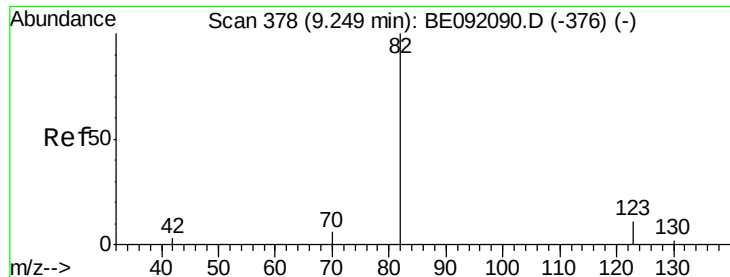
Abundance Ion 136.00 (135.70 to 136.70): BE092097.D (-447) (-)

Ion 137.00 (136.70 to 137.70): BE092097.D (-447) (-)

Ion 54.00 (53.70 to 54.70): BE092097.D (-447) (-)

Ion 68.00 (67.70 to 68.70): BE092097.D (-447) (-)





#9

Nitrobenzene-d5

Concen: 3.15 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092097.D

Acq: 1 Aug 2016 18:23

Instrument :

BNA_E

ClientSampleId :

PB92309BL

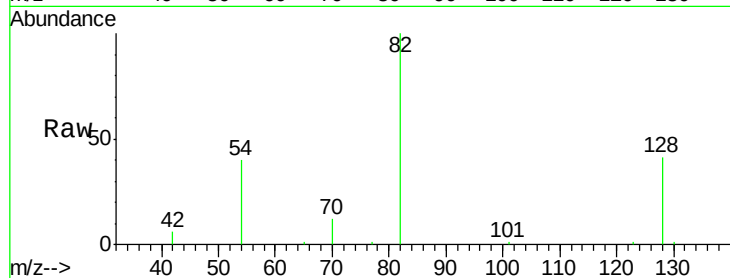
Tot Ion: 82 Resp: 13925

Ion Ratio Lower Upper

82 100

128 41.1 33.0 49.4

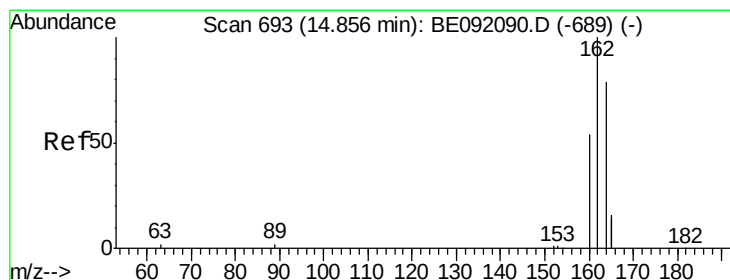
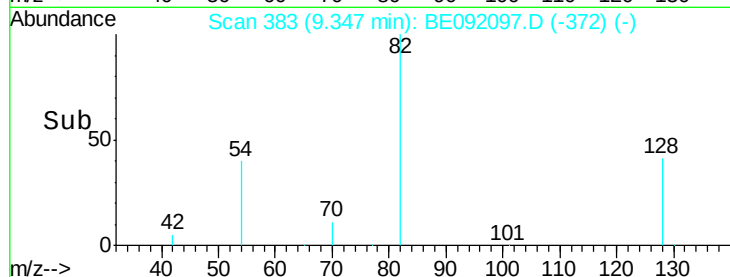
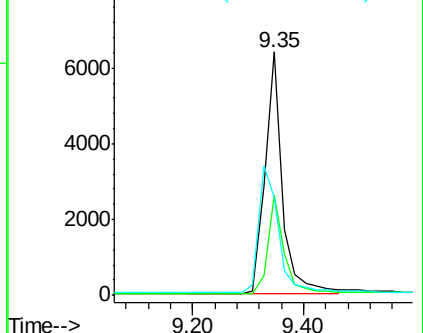
54 40.3 42.6 63.8#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

Lab File: BE092097.D

Acq: 1 Aug 2016 18:23

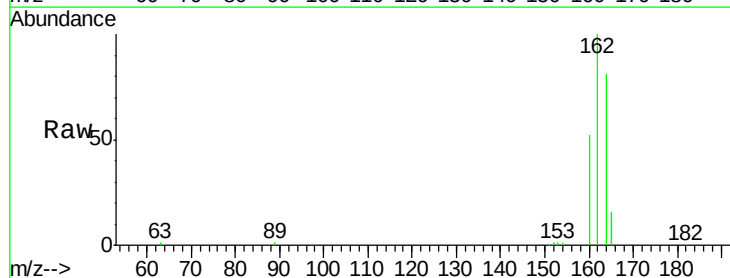
Tgt Ion:164 Resp: 32145

Ion Ratio Lower Upper

164 100

162 124.0 69.5 104.3#

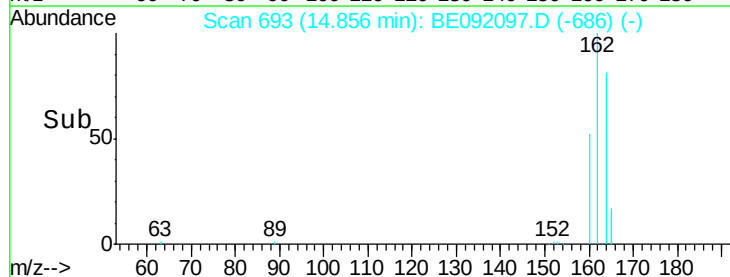
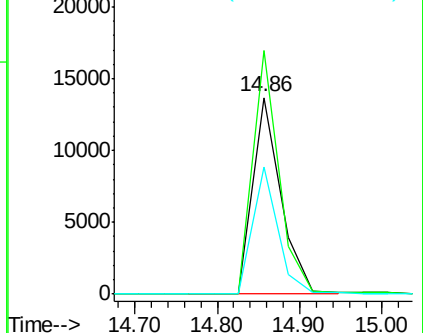
160 64.9 27.6 41.4#

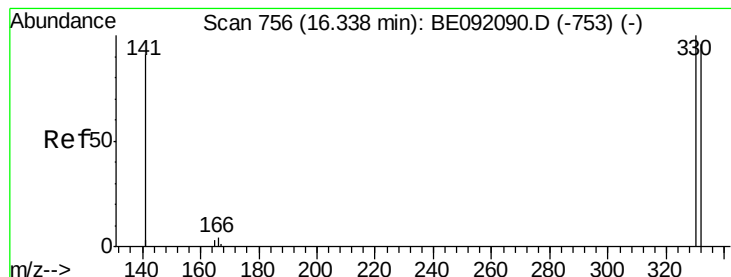


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

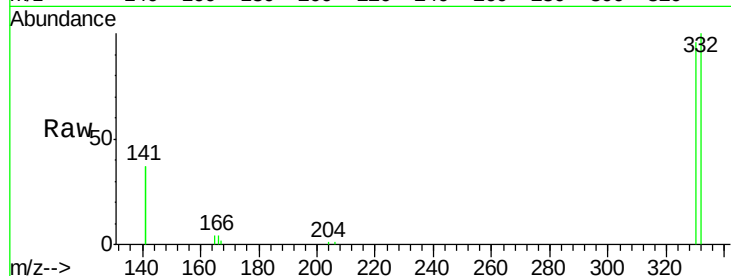




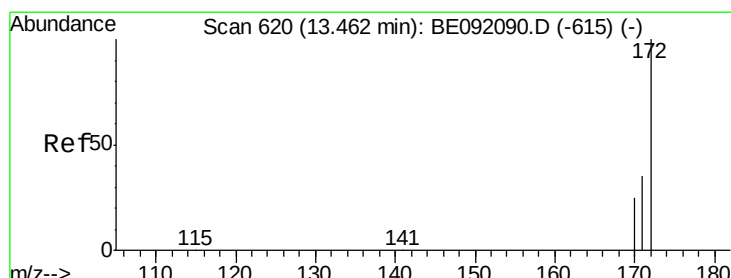
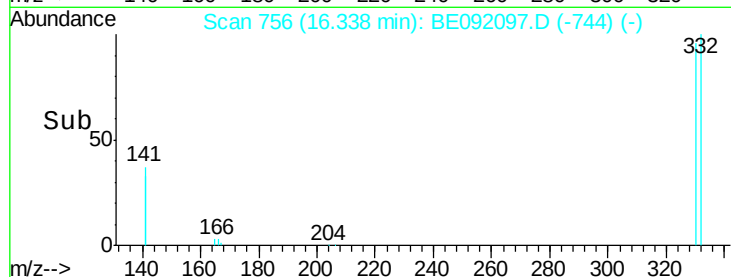
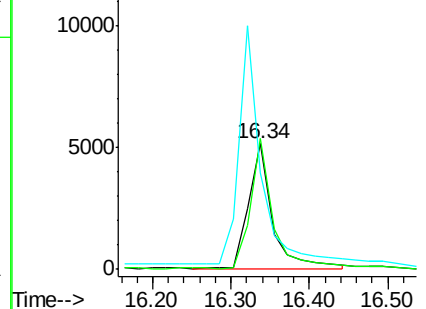
#16
 2,4,6-Tribromophenol
 Concen: 5.06 ng
 RT: 16.34 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BE092097.D
 Acq: 1 Aug 2016 18:23

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Tot Ion:330 Resp: 10737
 Ion Ratio Lower Upper
 330 100
 332 97.6 74.2 111.4
 141 176.3 139.8 209.8

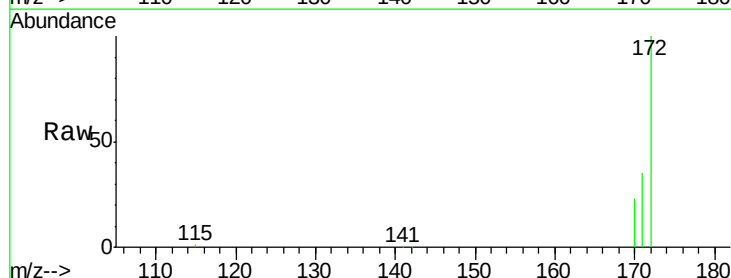


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

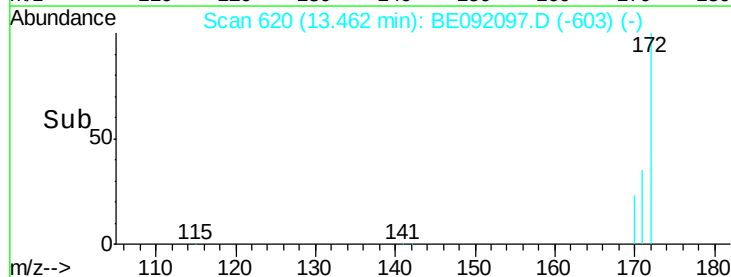
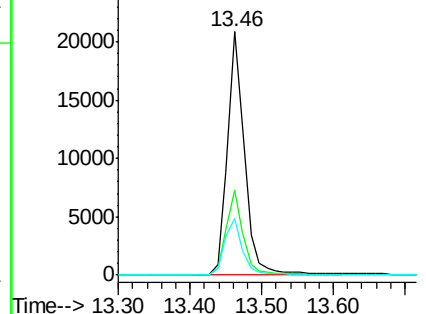


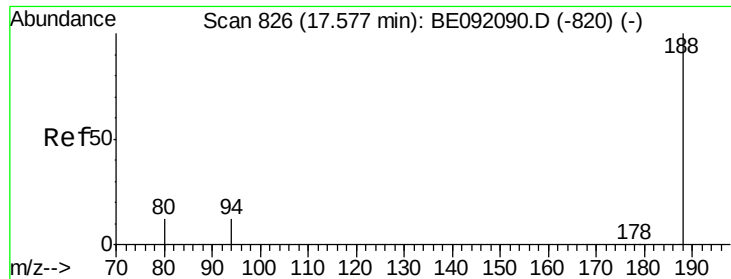
#17
 2-Fluorobiphenyl
 Concen: 2.78 ng
 RT: 13.46 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BE092097.D
 Acq: 1 Aug 2016 18:23

Tgt Ion:172 Resp: 34588
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.3 45.5
 170 23.2 21.6 32.4



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

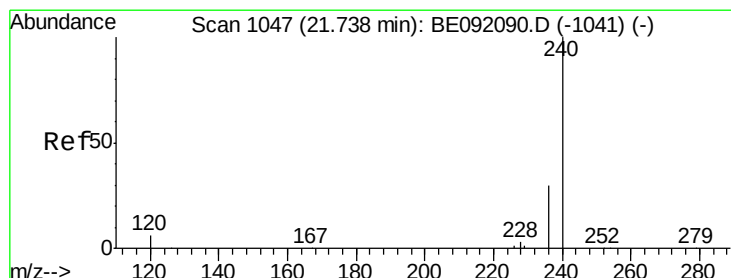
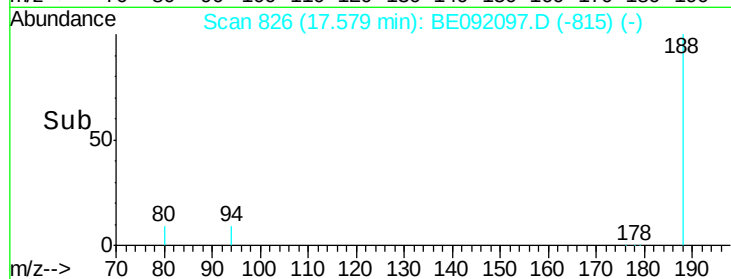
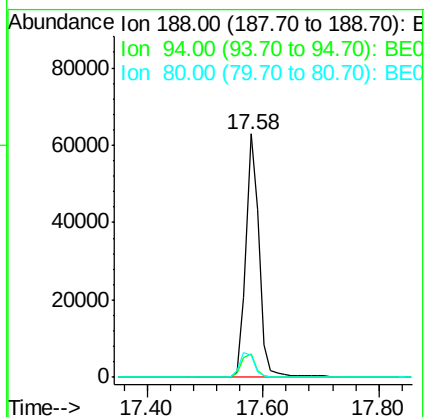
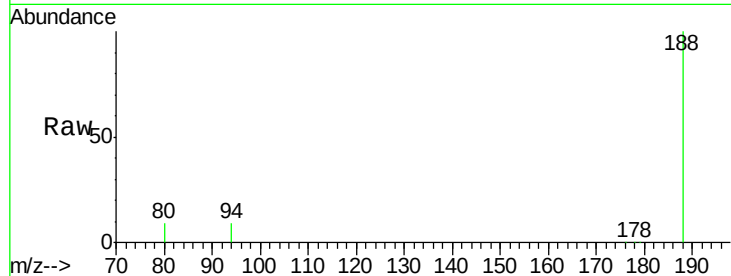




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE092097.D
Acq: 1 Aug 2016 18:23

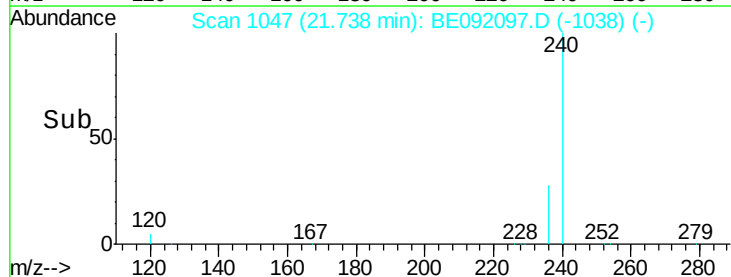
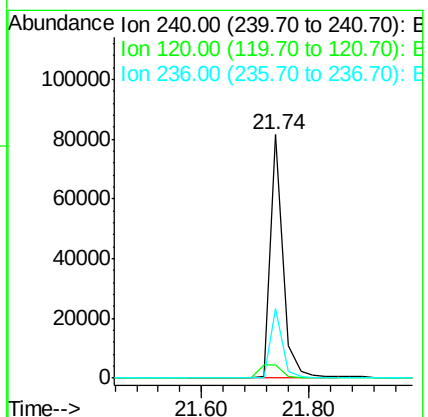
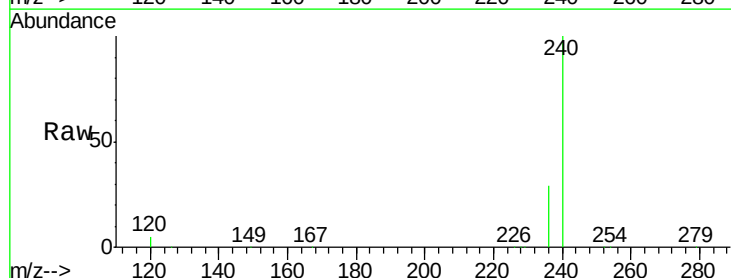
Instrument :
BNA_E
ClientSampleId :
PB92309BL

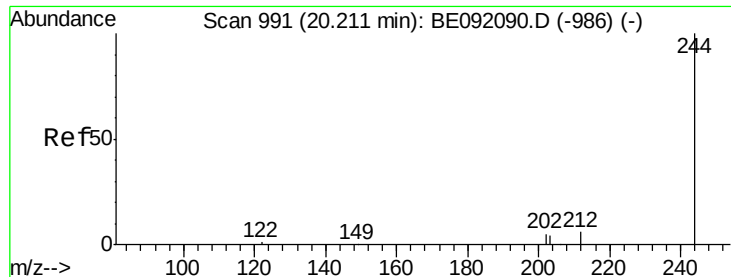
Tot Ion:188 Resp: 116835
Ion Ratio Lower Upper
188 100
94 9.4 3.9 5.9#
80 9.2 3.4 5.0#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE092097.D
Acq: 1 Aug 2016 18:23

Tgt Ion:240 Resp: 134291
Ion Ratio Lower Upper
240 100
120 5.3 0.6 1.0#
236 28.5 18.2 27.4#

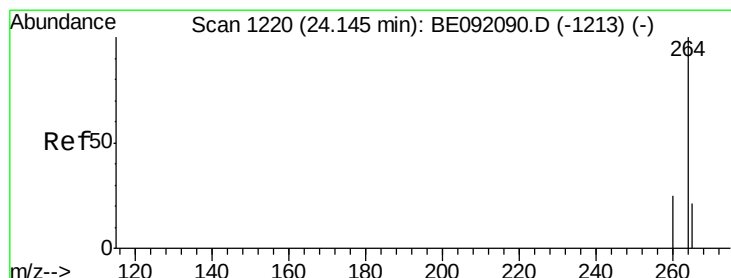
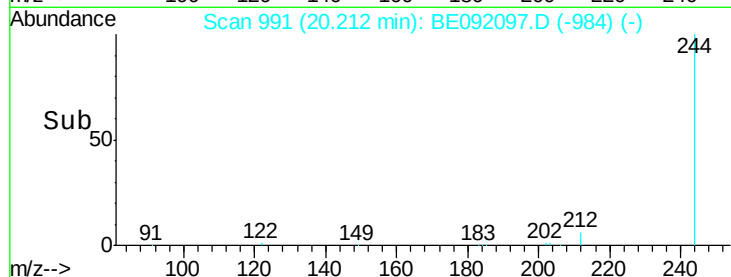
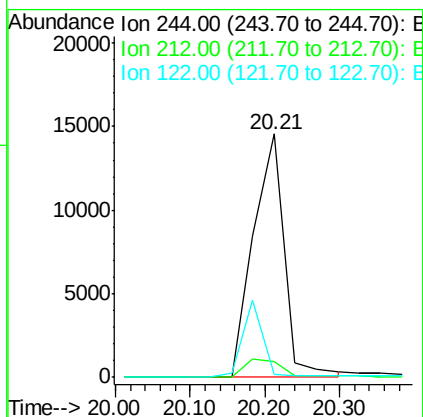
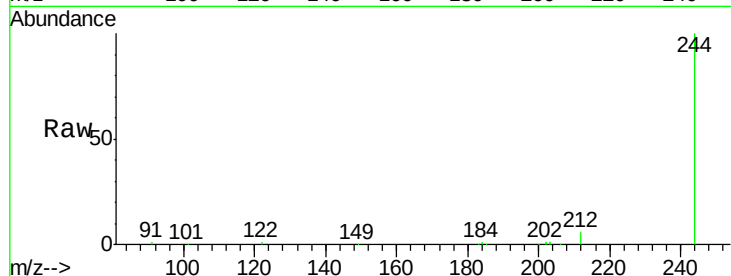




#34
 Terphenyl-d14
 Concen: 3.18 ng
 RT: 20.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BE092097.D
 Acq: 1 Aug 2016 18:23

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BL

Tot Ion:244 Resp: 41899
 Ion Ratio Lower Upper
 244 100
 212 6.3 9.1 13.7#
 122 1.2 11.0 16.4#



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BE092097.D
 Acq: 1 Aug 2016 18:23

Tgt Ion:264 Resp: 118233
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.8 31.2
 265 22.0 16.6 25.0

