

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092026.D
 Acq On : 23 Jul 2016 3:49
 Operator : UM/SJ
 Sample : PB92324BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

Quant Time: Jul 23 05:11:42 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23847	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	113403	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	76120	5.00	ng	0.00
24) Phenanthrene-d10	17.60	188	186055	5.00	ng	0.00
31) Chrysene-d12	21.76	240	220578	5.00	ng	0.00
40) Perylene-d12	24.16	264	188287	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	33525	7.25	ng	0.00
5) Phenol-d6	7.35	99	46438	5.68	ng	-0.02
9) Nitrobenzene-d5	9.36	82	25398	3.72	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	13752	5.27	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	67198	3.36	ng	0.00
34) Terphenyl-d14	20.20	244	107753	4.86	ng	-0.02

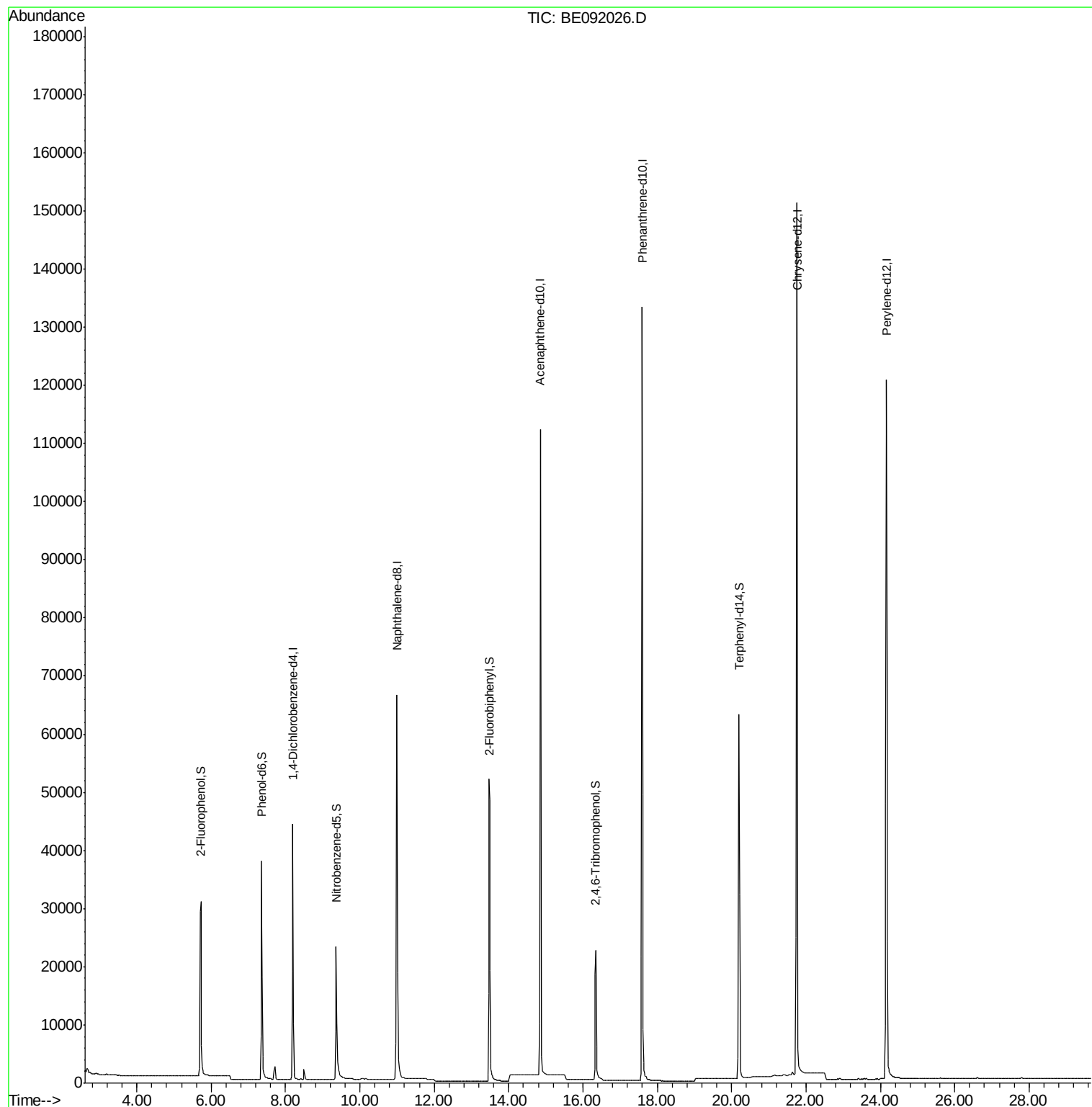
Target Compounds	Qvalue
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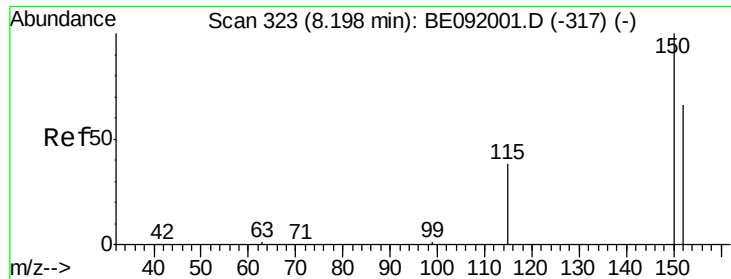
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

Instrument :

BNA_E

ClientSampled :

PB92324BL

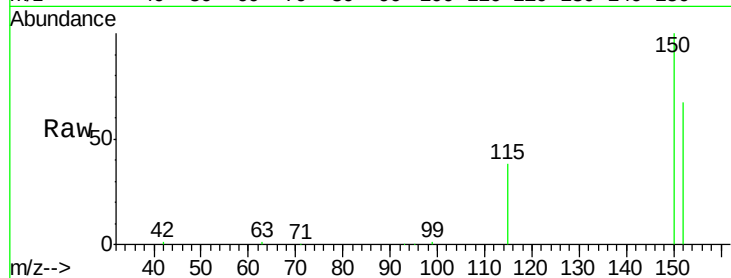
Tgt Ion:152 Resp: 23847

Ion Ratio Lower Upper

152 100

150 150.1 123.9 185.9

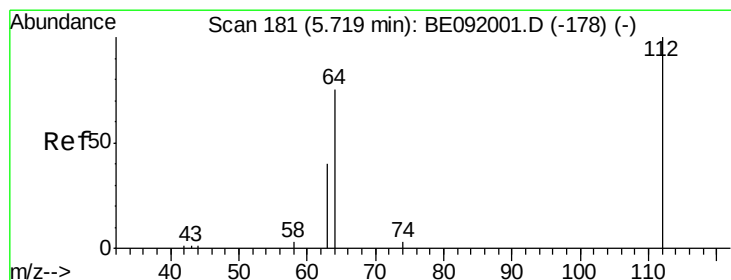
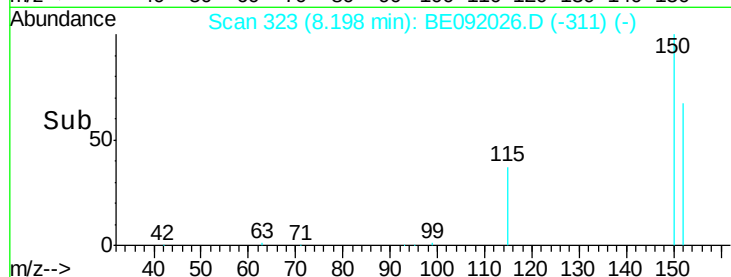
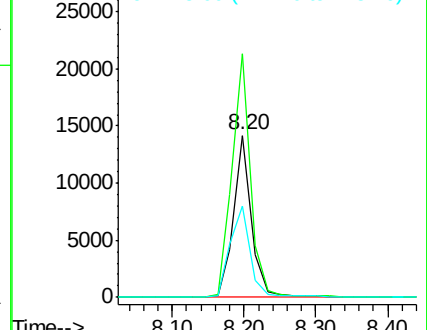
115 56.5 48.3 72.5



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



#4

2-Fluorophenol

Concen: 7.25 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

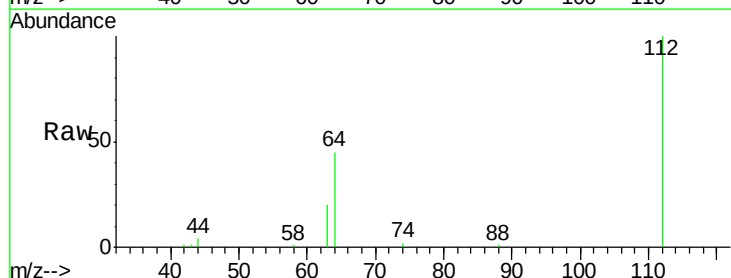
Tgt Ion:112 Resp: 33525

Ion Ratio Lower Upper

112 100

64 68.0 53.7 80.5

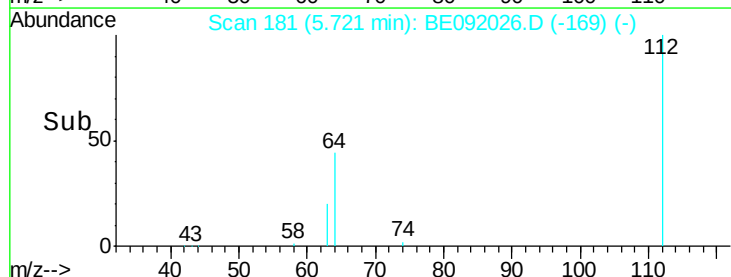
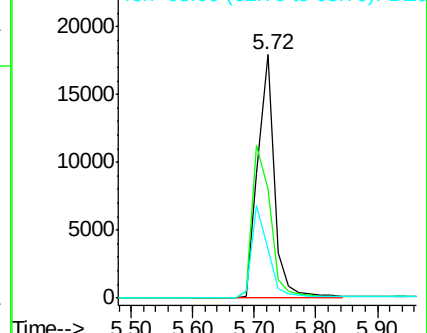
63 37.0 29.5 44.3

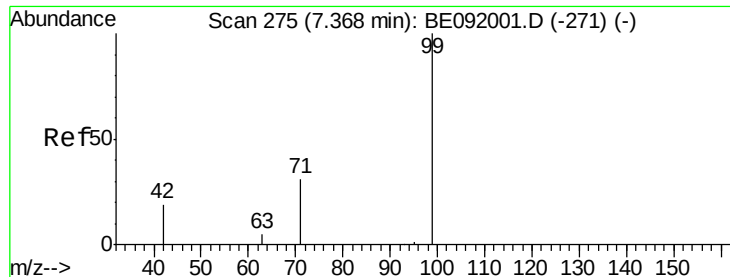


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.68 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

Instrument :

BNA_E

ClientSampleId :

PB92324BL

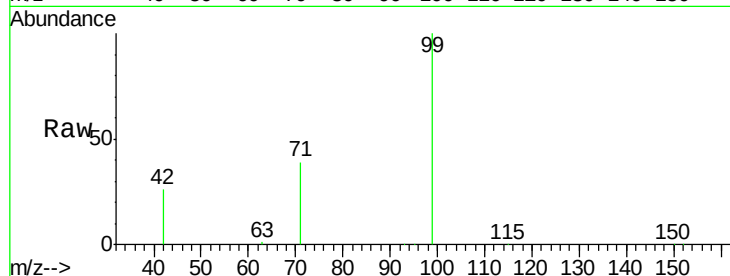
Tgt Ion: 99 Resp: 46438

Ion Ratio Lower Upper

99 100

42 25.5 19.6 29.4

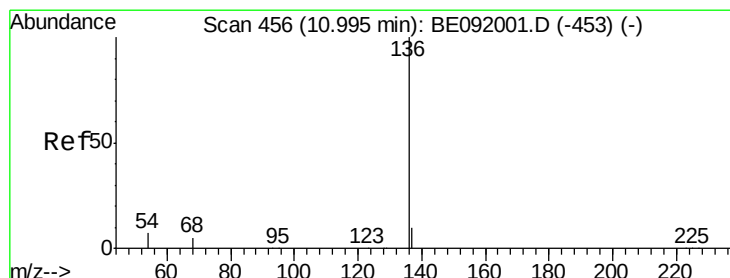
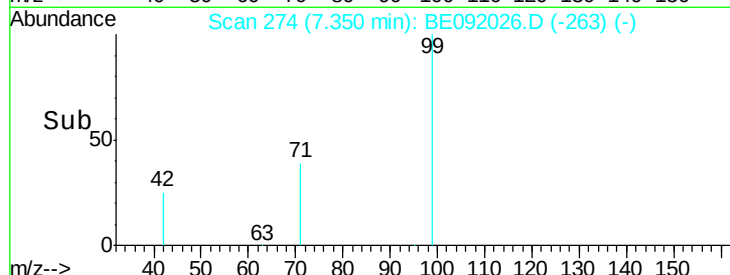
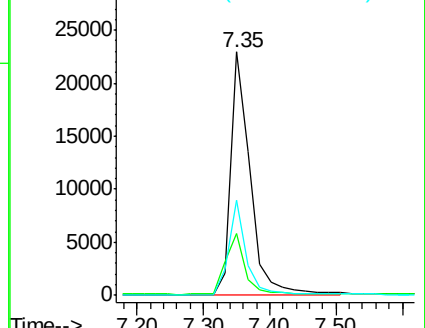
71 35.5 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

Tgt Ion: 136 Resp: 113403

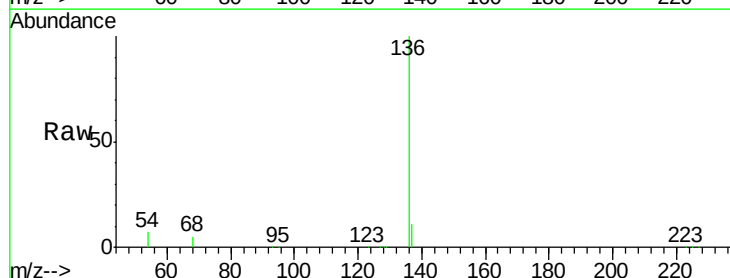
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 7.3 8.2 12.4#

68 5.4 5.9 8.9#

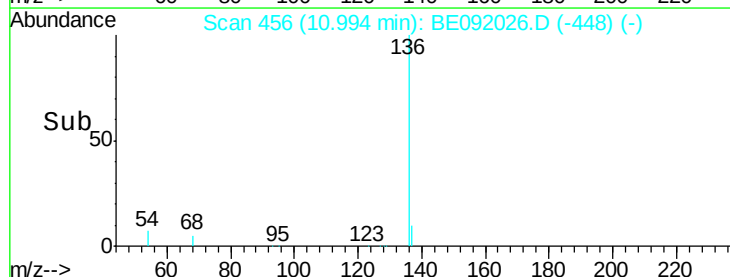
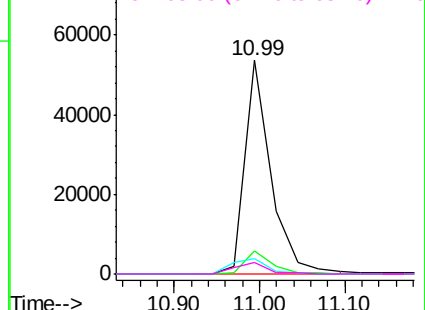


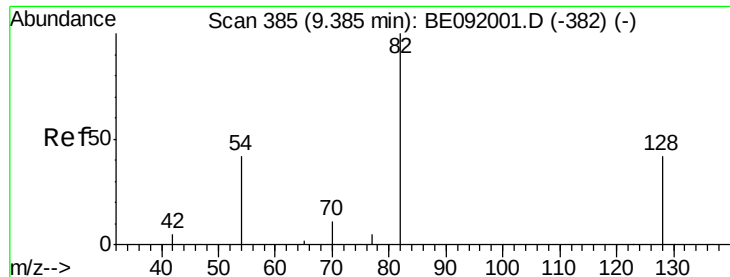
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 3.72 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

Instrument :

BNA_E

ClientSampleId :

PB92324BL

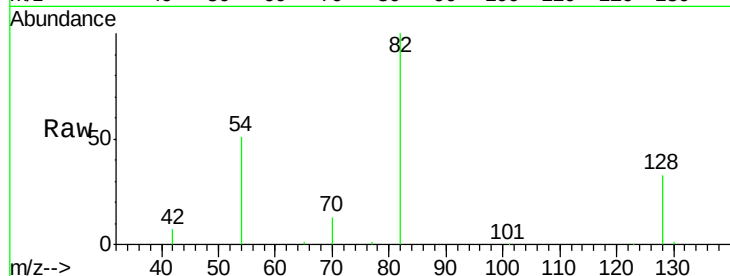
Tgt Ion: 82 Resp: 25398

Ion Ratio Lower Upper

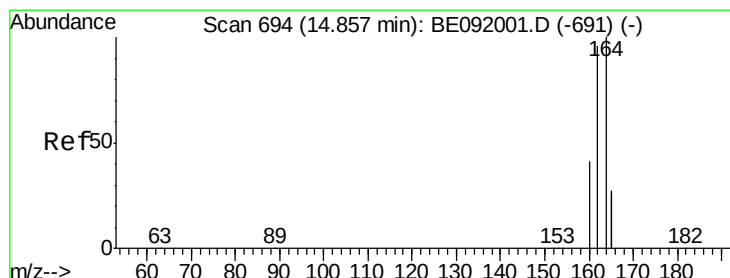
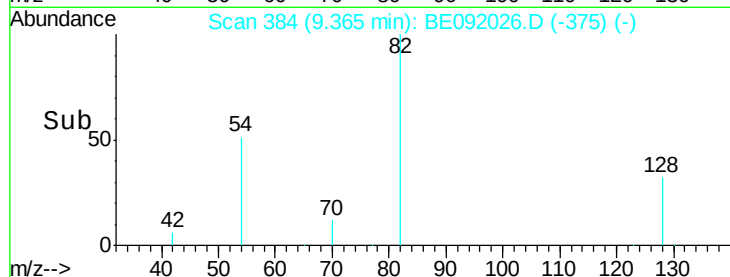
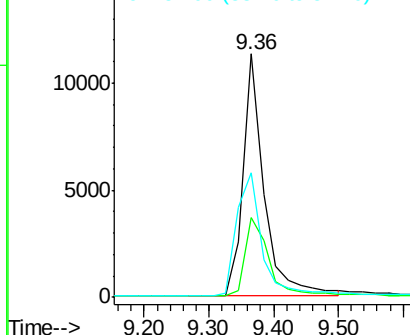
82 100

128 32.6 39.5 59.3#

54 51.0 30.3 45.5#



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# 694

Delta R.T. 0.00 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

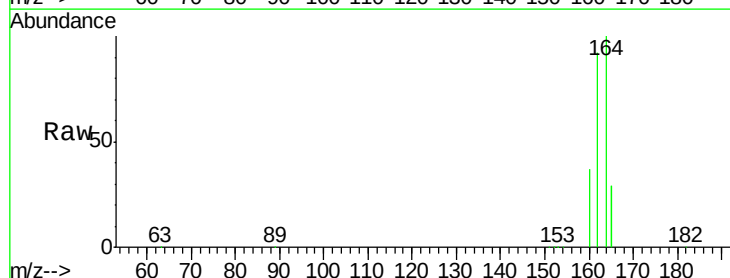
Tgt Ion: 164 Resp: 76120

Ion Ratio Lower Upper

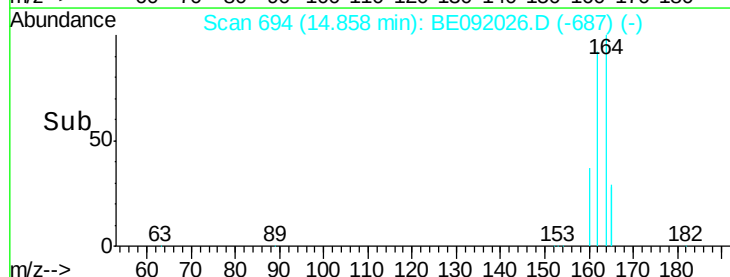
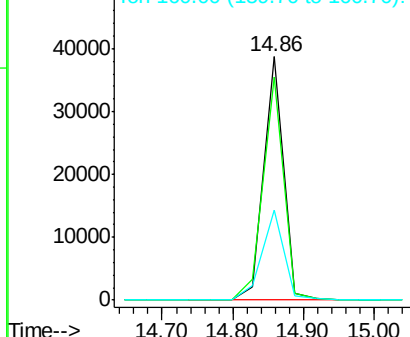
164 100

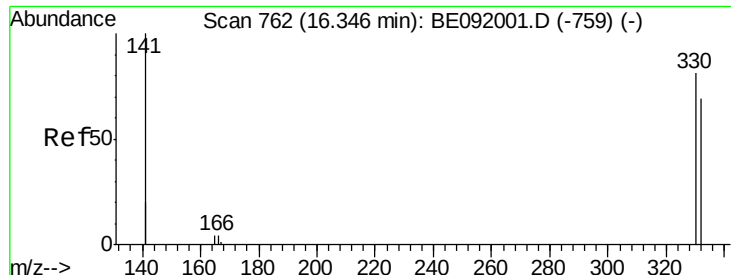
162 91.9 71.8 107.8

160 37.1 28.0 42.0



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

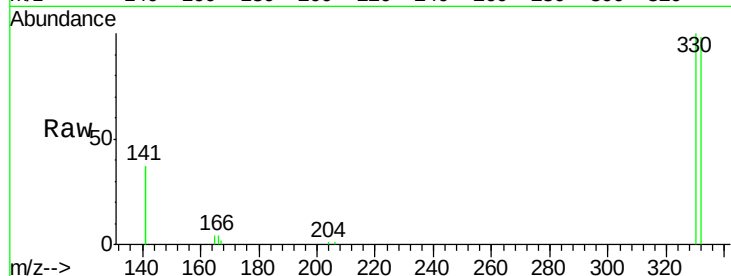




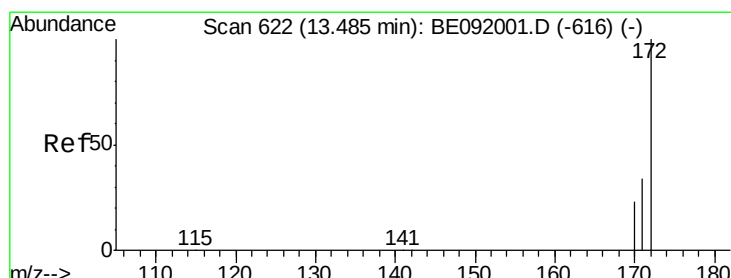
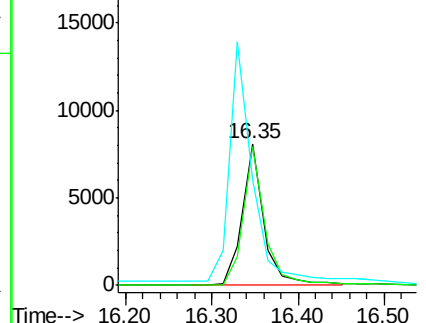
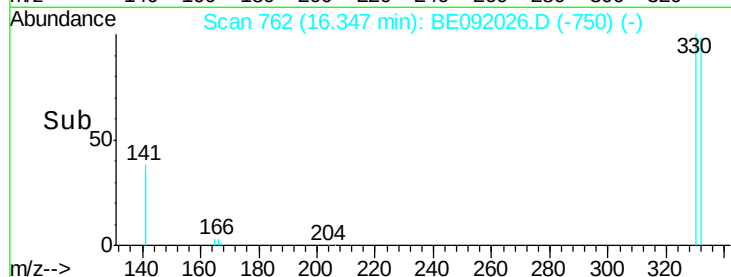
#16
 2,4,6-Tribromophenol
 Concen: 5.27 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092026.D
 Acq: 23 Jul 2016 3:49

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

Tgt Ion:330 Resp: 13752
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 178.4 138.4 207.6

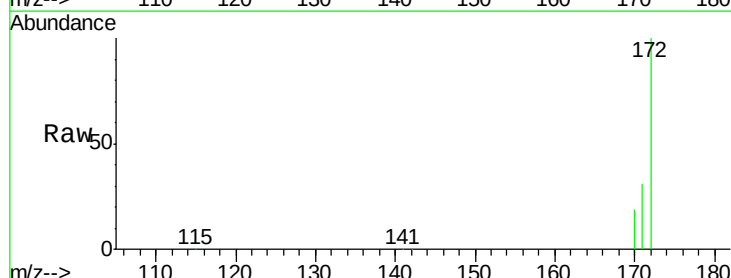


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

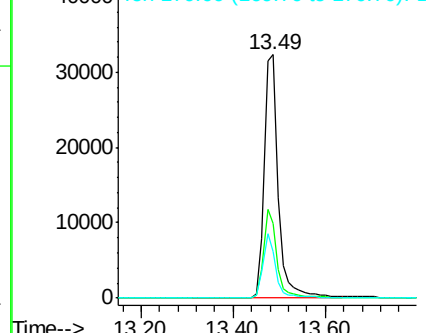
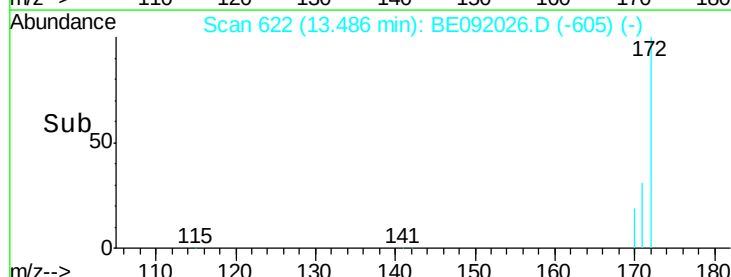


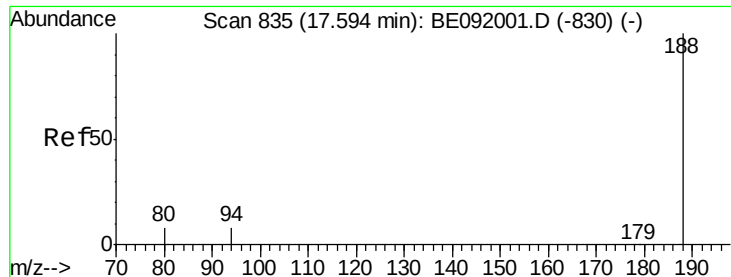
#17
 2-Fluorobiphenyl
 Concen: 3.36 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE092026.D
 Acq: 23 Jul 2016 3:49

Tgt Ion:172 Resp: 67198
 Ion Ratio Lower Upper
 172 100
 171 30.9 24.3 36.5
 170 18.9 14.9 22.3



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

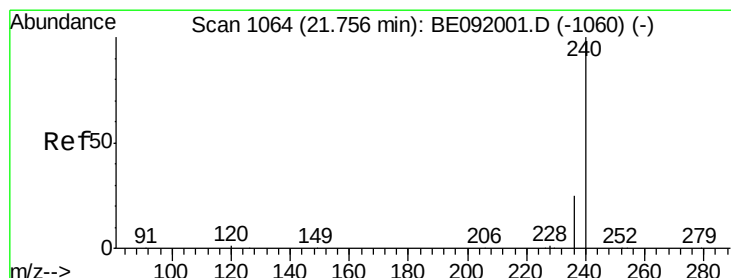
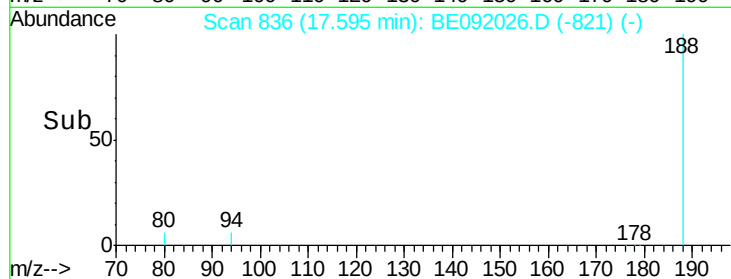
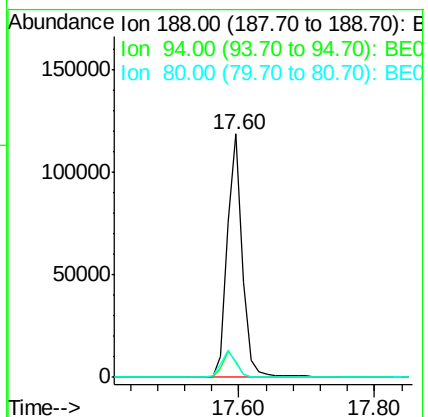
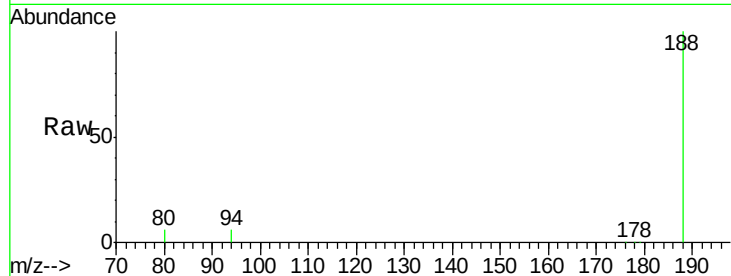




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.60 min Scan# 836
Delta R.T. 0.00 min
Lab File: BE092026.D
Acq: 23 Jul 2016 3:49

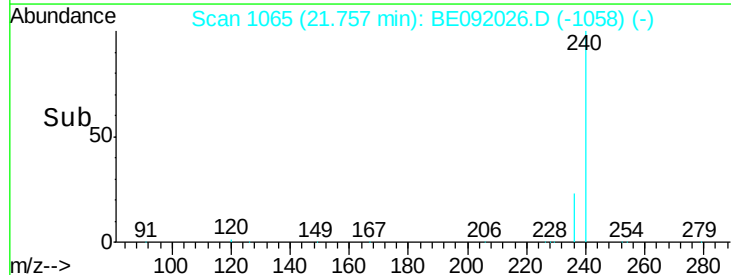
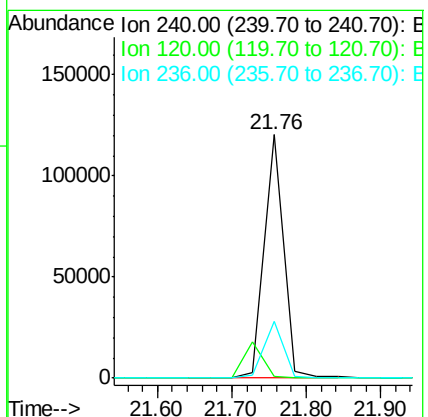
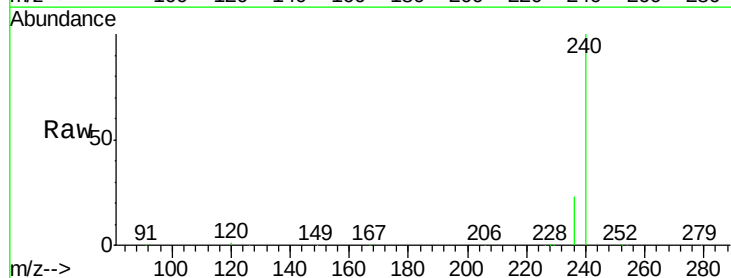
Instrument :
BNA_E
ClientSampleId :
PB92324BL

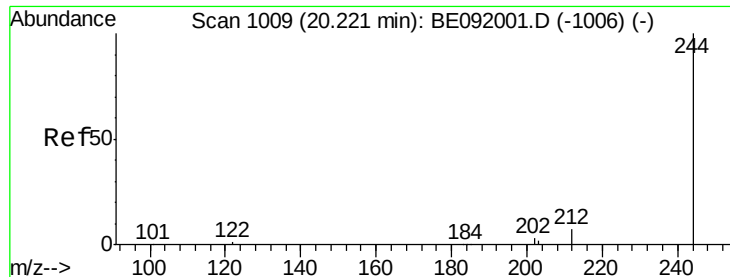
Tgt Ion:188 Resp: 186055
Ion Ratio Lower Upper
188 100
94 6.4 4.1 6.1#
80 5.7 3.4 5.2#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE092026.D
Acq: 23 Jul 2016 3:49

Tgt Ion:240 Resp: 220578
Ion Ratio Lower Upper
240 100
120 0.8 1.2 1.8#
236 23.2 19.8 29.8





#34

Terphenyl-d14

Concen: 4.86 ng

RT: 20.20 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

Instrument :

BNA_E

ClientSampleId :

PB92324BL

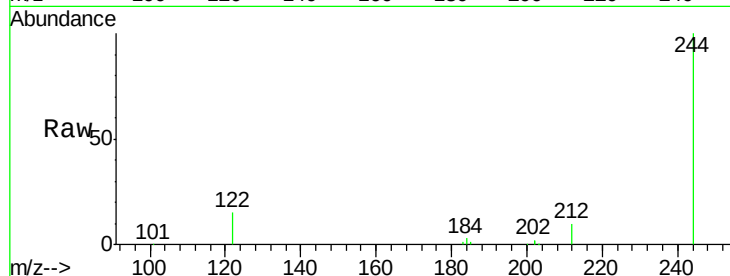
Tgt Ion:244 Resp: 107753

Ion Ratio Lower Upper

244 100

212 10.3 6.5 9.7#

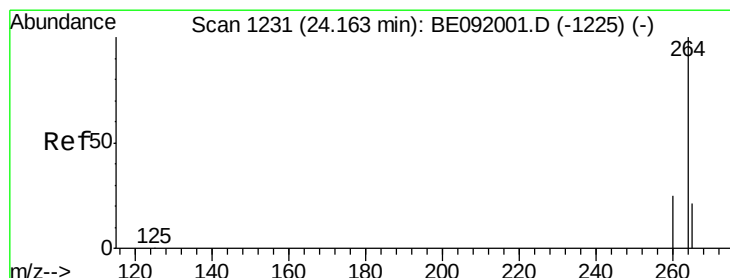
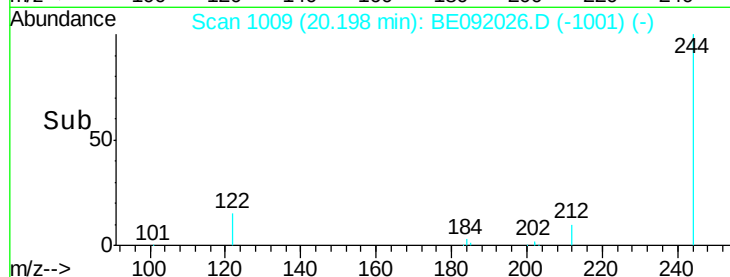
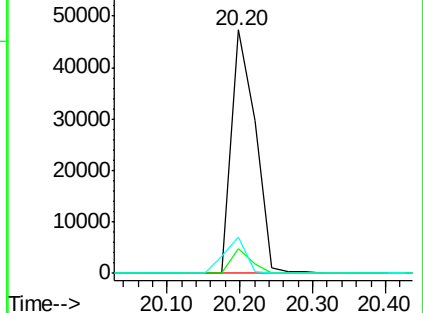
122 15.1 2.9 4.3#



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE092026.D

Acq: 23 Jul 2016 3:49

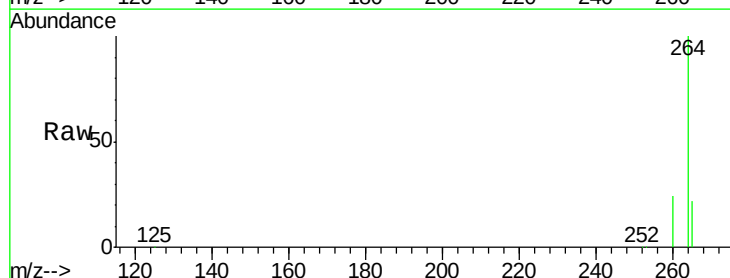
Tgt Ion:264 Resp: 188287

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 22.4 17.6 26.4



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

