

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092059.D
 Acq On : 27 Jul 2016 16:28
 Operator : UM/SJ
 Sample : PB92324BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

Quant Time: Jul 28 05:49:50 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	14186	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	60467	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	29566	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	86823	5.00	ng	0.00
31) Chrysene-d12	21.76	240	86454	5.00	ng	0.00
40) Perylene-d12	24.15	264	93480	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	19344	6.12	ng	-0.02
5) Phenol-d6	7.35	99	25083	5.95	ng	0.00
9) Nitrobenzene-d5	9.37	82	14237	3.16	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	5555	4.12	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	34935	2.95	ng	0.00
34) Terphenyl-d14	20.20	244	57539	3.57	ng	0.00

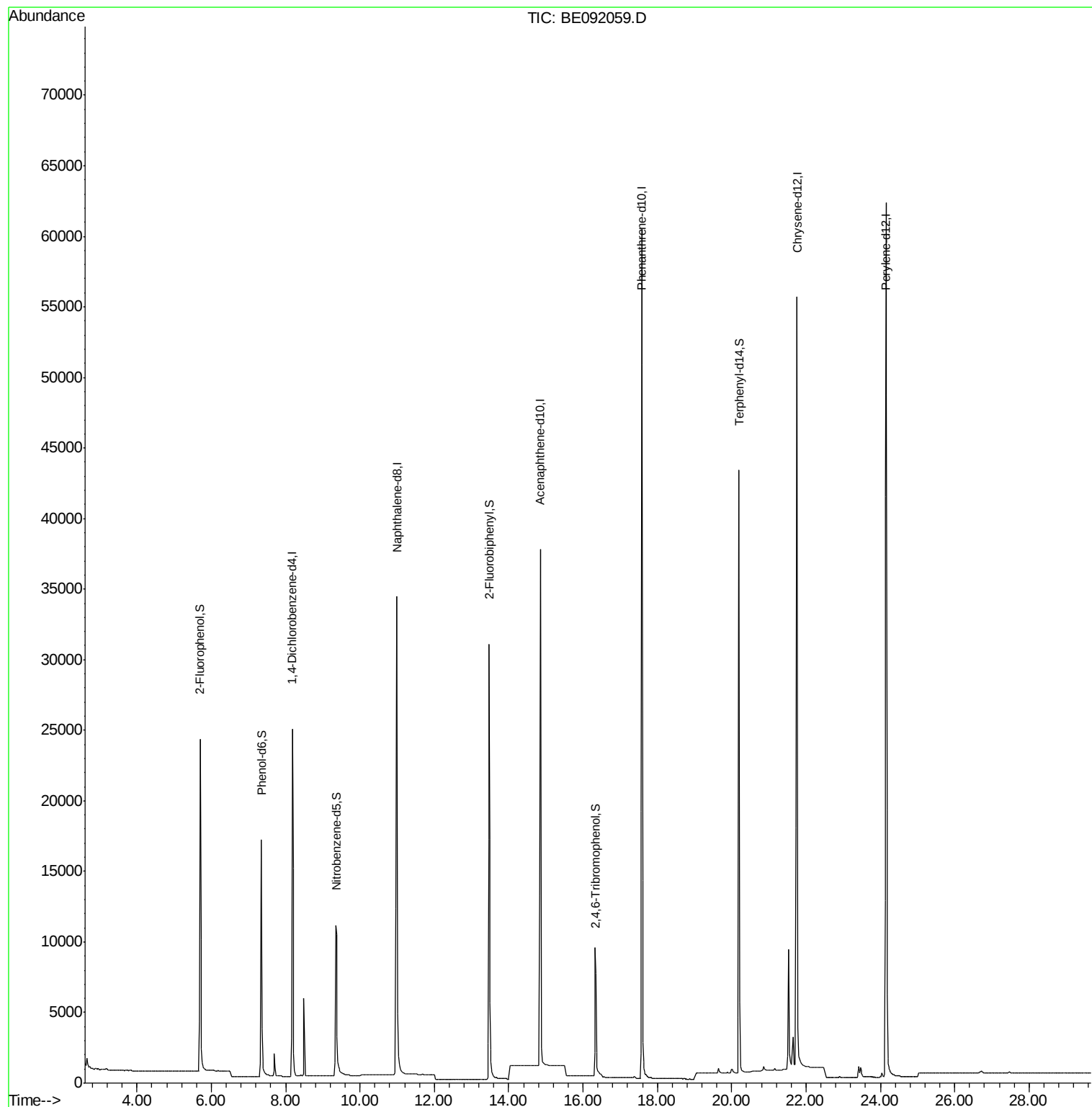
Target Compounds	Qvalue
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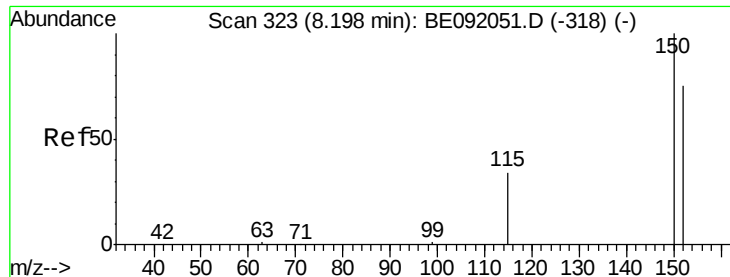
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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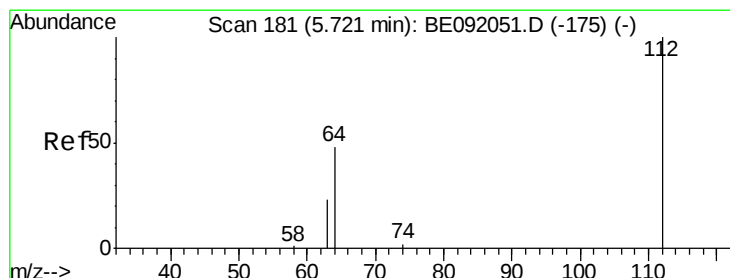
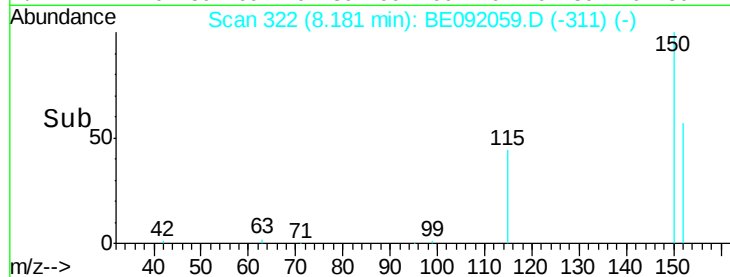
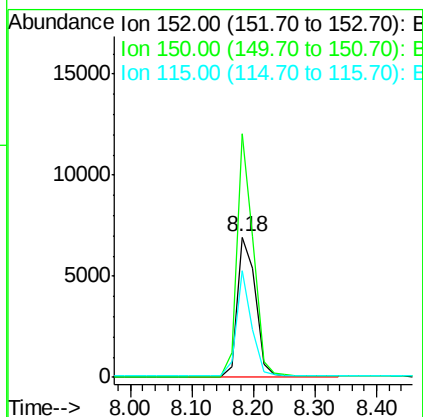
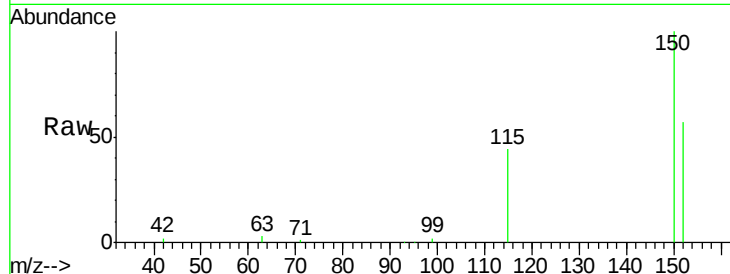




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.18 min Scan# 322
 Delta R.T. -0.02 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

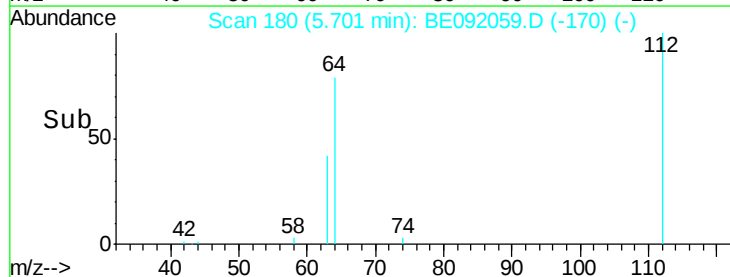
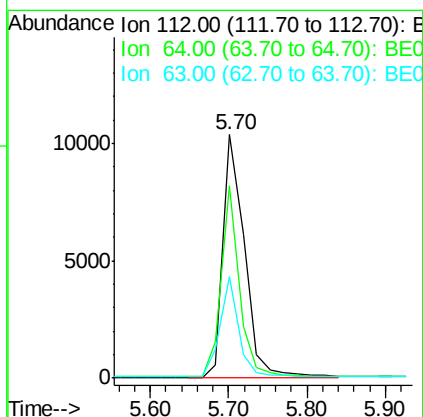
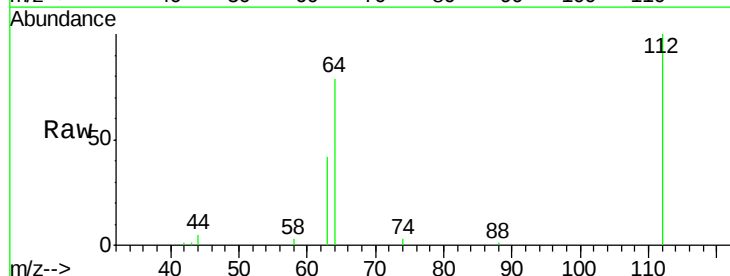
Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

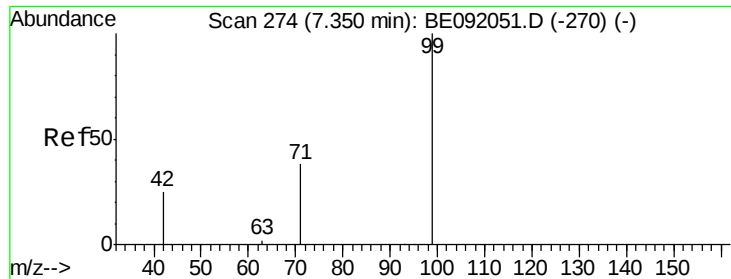
Tgt Ion:152 Resp: 14186
 Ion Ratio Lower Upper
 152 100
 150 173.9 106.0 159.0#
 115 76.1 36.9 55.3#



#4
 2-Fluorophenol
 Concen: 6.12 ng
 RT: 5.70 min Scan# 180
 Delta R.T. -0.02 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Tgt Ion:112 Resp: 19344
 Ion Ratio Lower Upper
 112 100
 64 68.2 55.9 83.9
 63 36.8 31.1 46.7





#5

Phenol-d6

Concen: 5.95 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

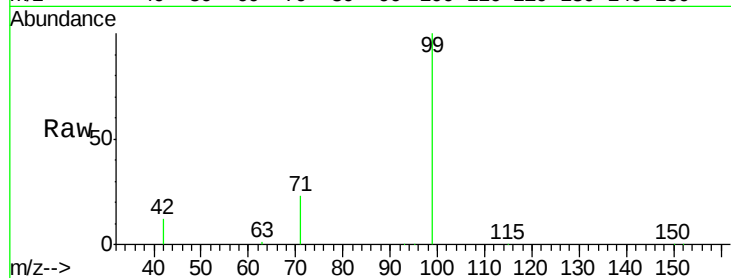
Tgt Ion: 99 Resp: 25083

Ion Ratio Lower Upper

99 100

42 26.7 22.4 33.6

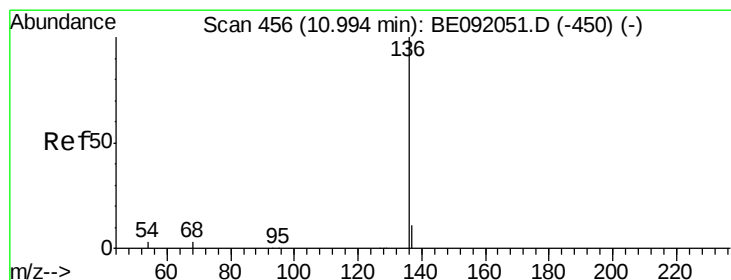
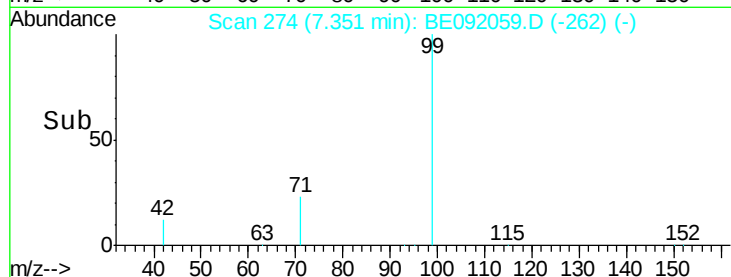
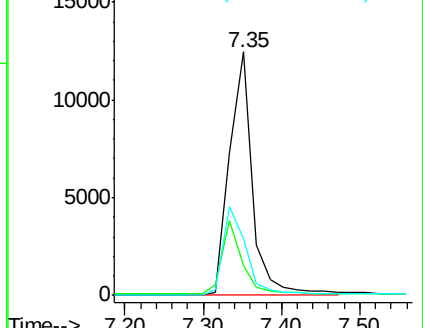
71 36.1 28.9 43.3



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: BE092059.D

Acq: 27 Jul 2016 16:28

Tgt Ion: 136 Resp: 60467

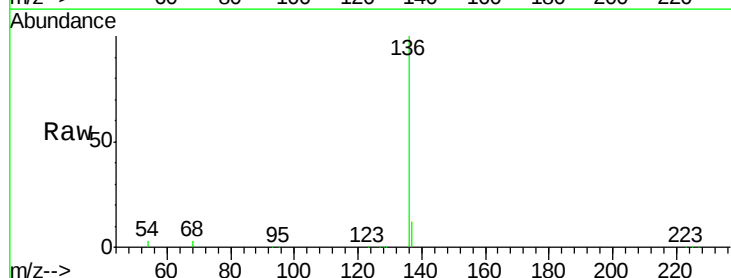
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 3.4 2.7 4.1

68 2.7 2.2 3.4

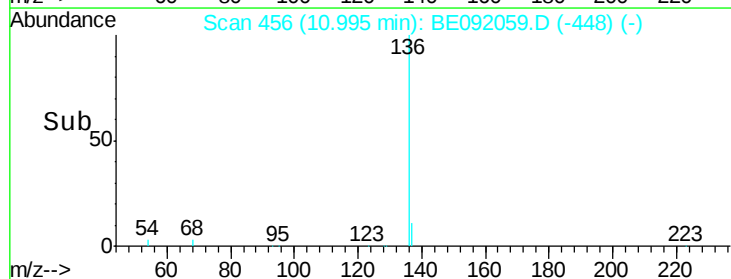
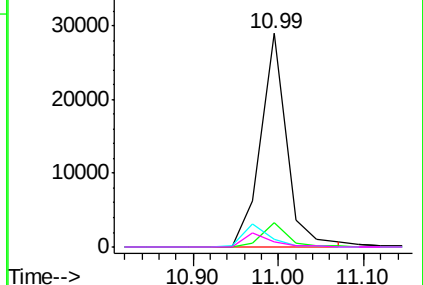


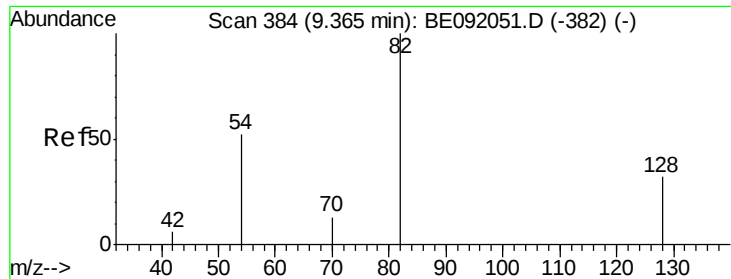
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 3.16 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

Instrument :

BNA_E

ClientSampleId :

PB92324BL

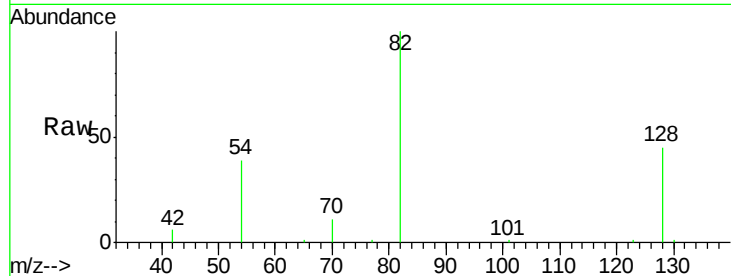
Tgt Ion: 82 Resp: 14237

Ion Ratio Lower Upper

82 100

128 45.0 33.0 49.4

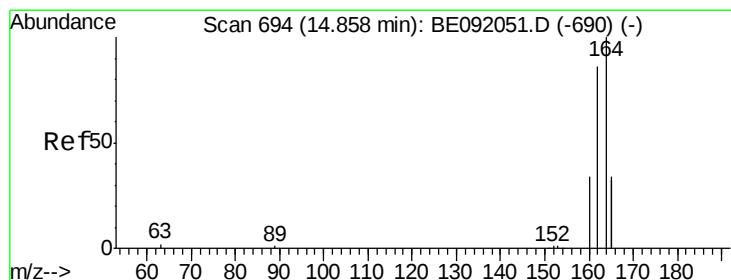
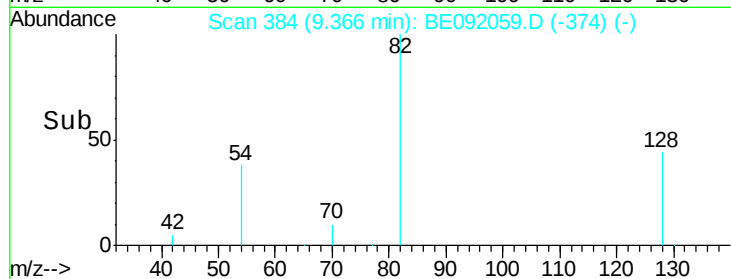
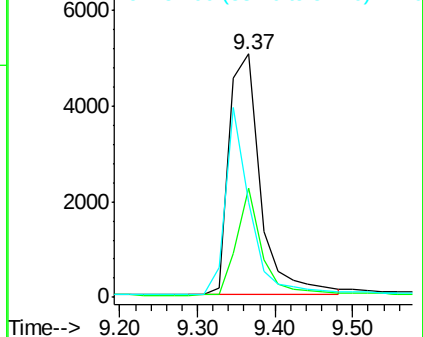
54 38.8 42.6 63.8#



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# 694

Delta R.T. -0.00 min

Lab File: BE092059.D

Acq: 27 Jul 2016 16:28

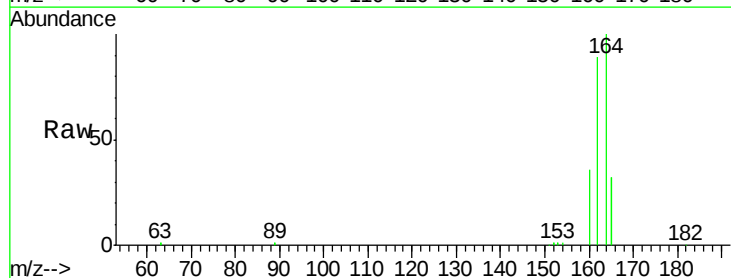
Tgt Ion: 164 Resp: 29566

Ion Ratio Lower Upper

164 100

162 89.0 69.5 104.3

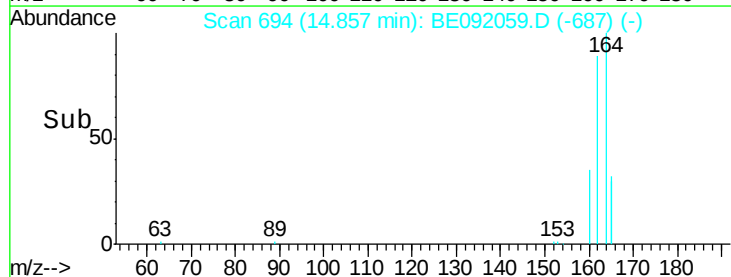
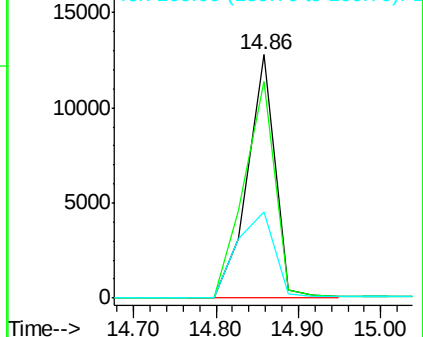
160 35.6 27.6 41.4

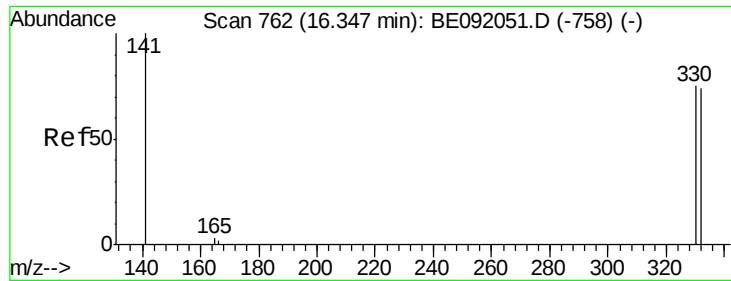


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

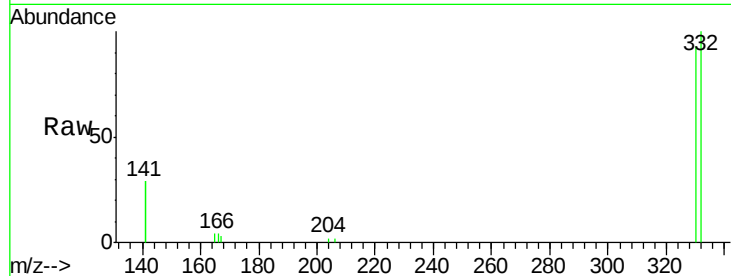




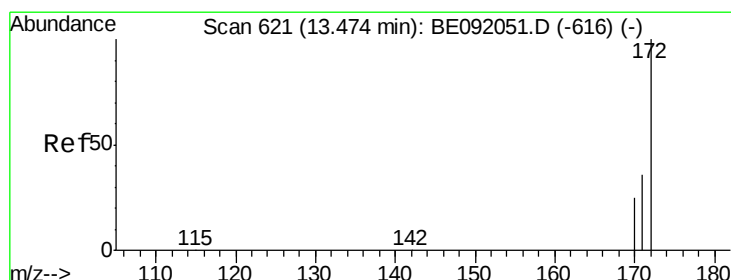
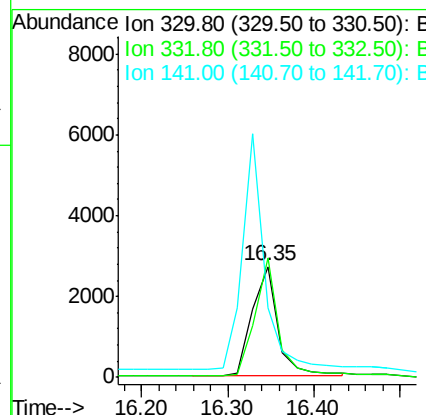
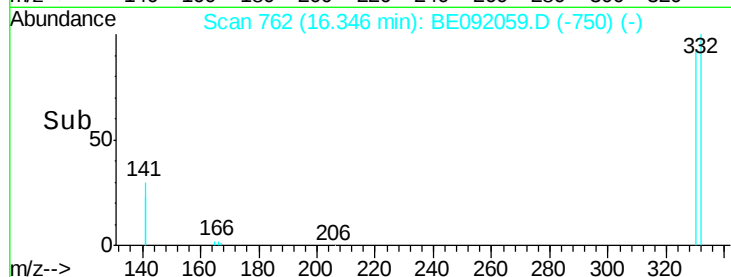
#16
 2,4,6-Tribromophenol
 Concen: 4.12 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Instrument :
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 ClientSampleId :
 PB92324BL

Tgt Ion:330 Resp: 5555
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.2 111.4
 141 185.3 139.8 209.8

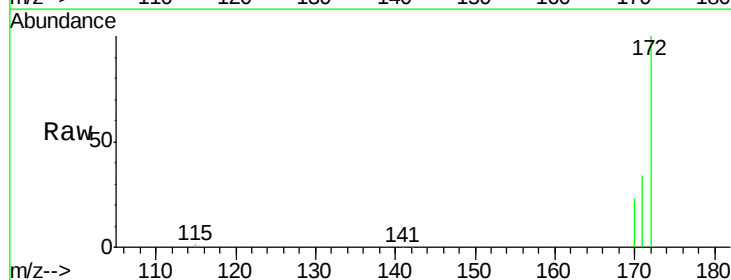


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

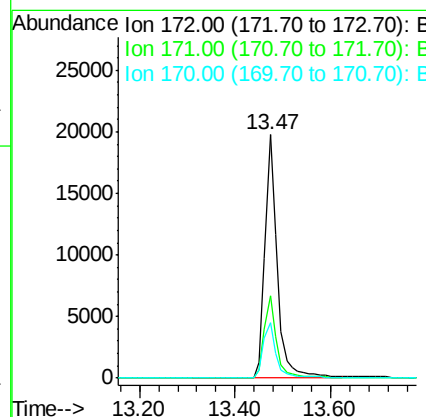
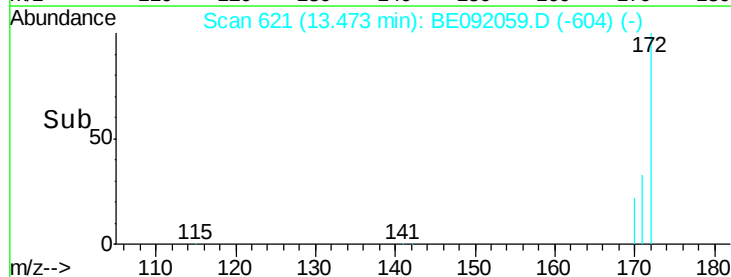


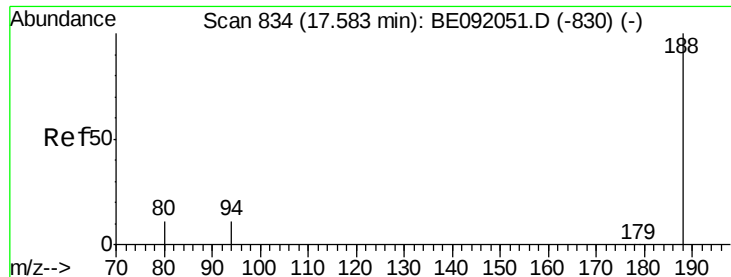
#17
 2-Fluorobiphenyl
 Concen: 2.95 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Tgt Ion:172 Resp: 34935
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.3 45.5
 170 22.6 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

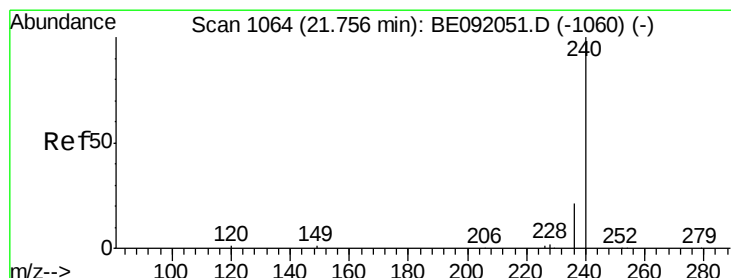
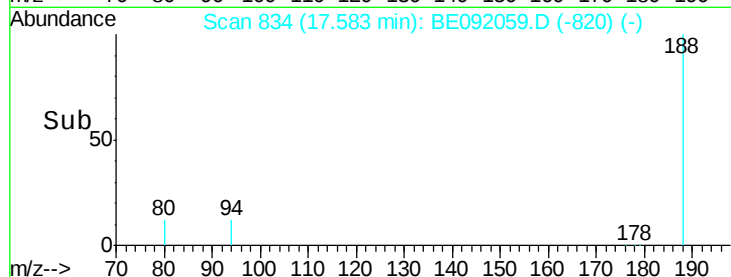
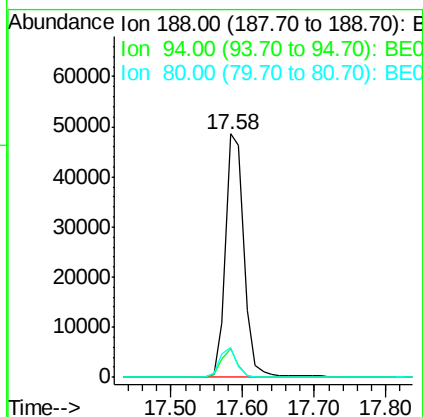
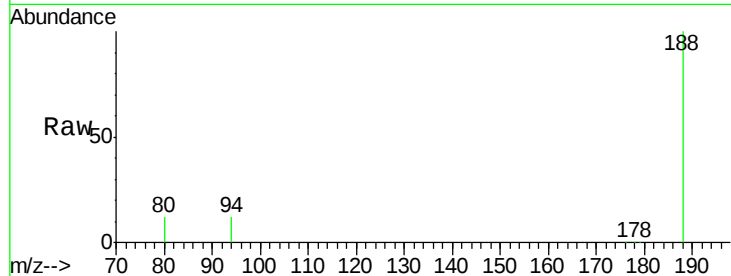




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

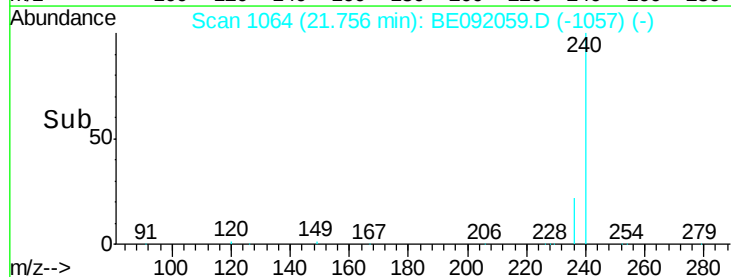
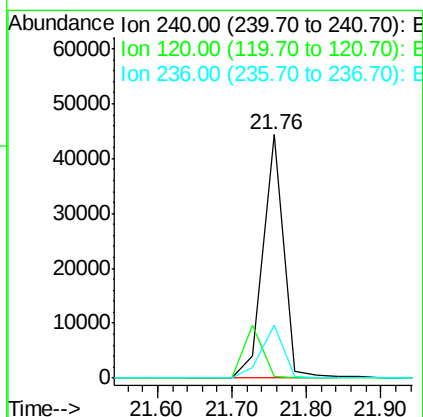
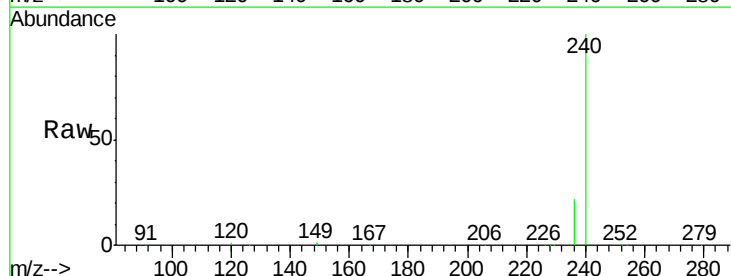
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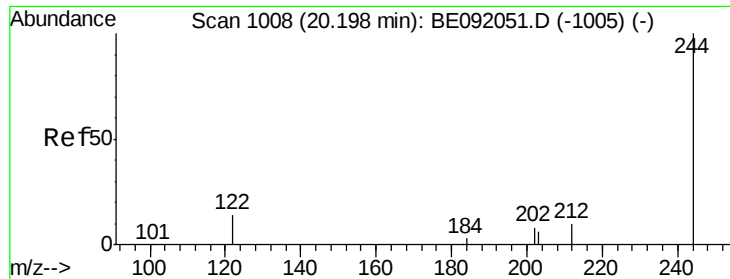
Tgt Ion:188 Resp: 86823
Ion Ratio Lower Upper
188 100
94 11.9 3.9 5.9#
80 12.2 3.4 5.0#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE092059.D
Acq: 27 Jul 2016 16:28

Tgt Ion:240 Resp: 86454
Ion Ratio Lower Upper
240 100
120 0.8 0.6 1.0
236 21.7 18.2 27.4

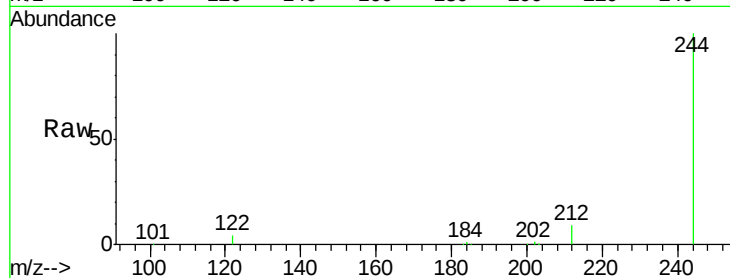




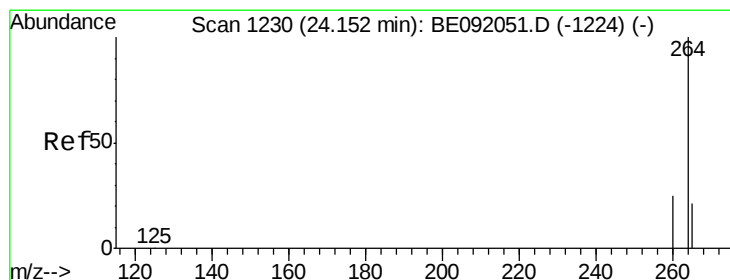
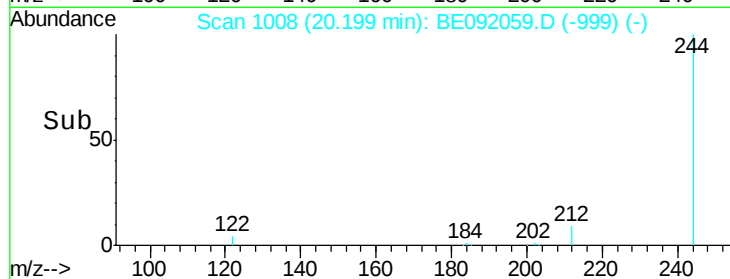
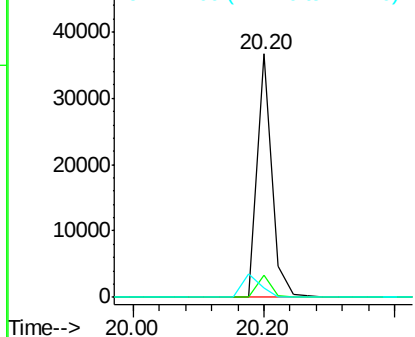
#34
 Terphenyl-d14
 Concen: 3.57 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Instrument :
 BNA_E
 ClientSampleId :
 PB92324BL

Tgt Ion: 244 Resp: 57539
 Ion Ratio Lower Upper
 244 100
 212 9.3 9.1 13.7
 122 4.0 11.0 16.4#

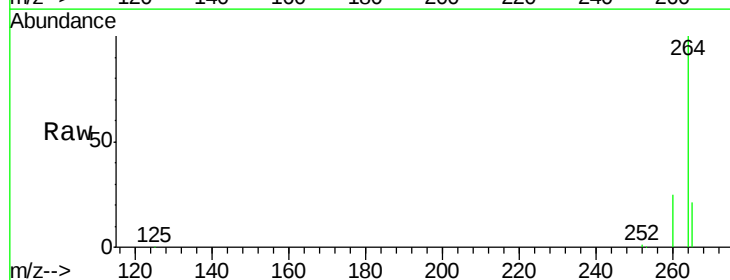


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BE092059.D
 Acq: 27 Jul 2016 16:28

Tgt Ion: 264 Resp: 93480
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.8 31.2
 265 21.2 16.6 25.0



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

