

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101716\
 Data File : BE092459.D
 Acq On : 17 Oct 2016 19:08
 Operator : UM/SJ
 Sample : PB93716BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

Quant Time: Oct 18 01:00:54 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10705	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	43018	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	28587	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	52582	5.00	ng	0.02
24) Chrysene-d12	21.75	240	74494	5.00	ng	0.00
31) Perylene-d12	24.12	264	68787	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	19399	7.69	ng	-0.02
5) Phenol-d6	7.34	99	23163	6.44	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9602	3.16	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	3775	3.81	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	25395	3.75	ng	0.00
26) Terphenyl-d14	20.17	244	32882	3.56	ng	0.00

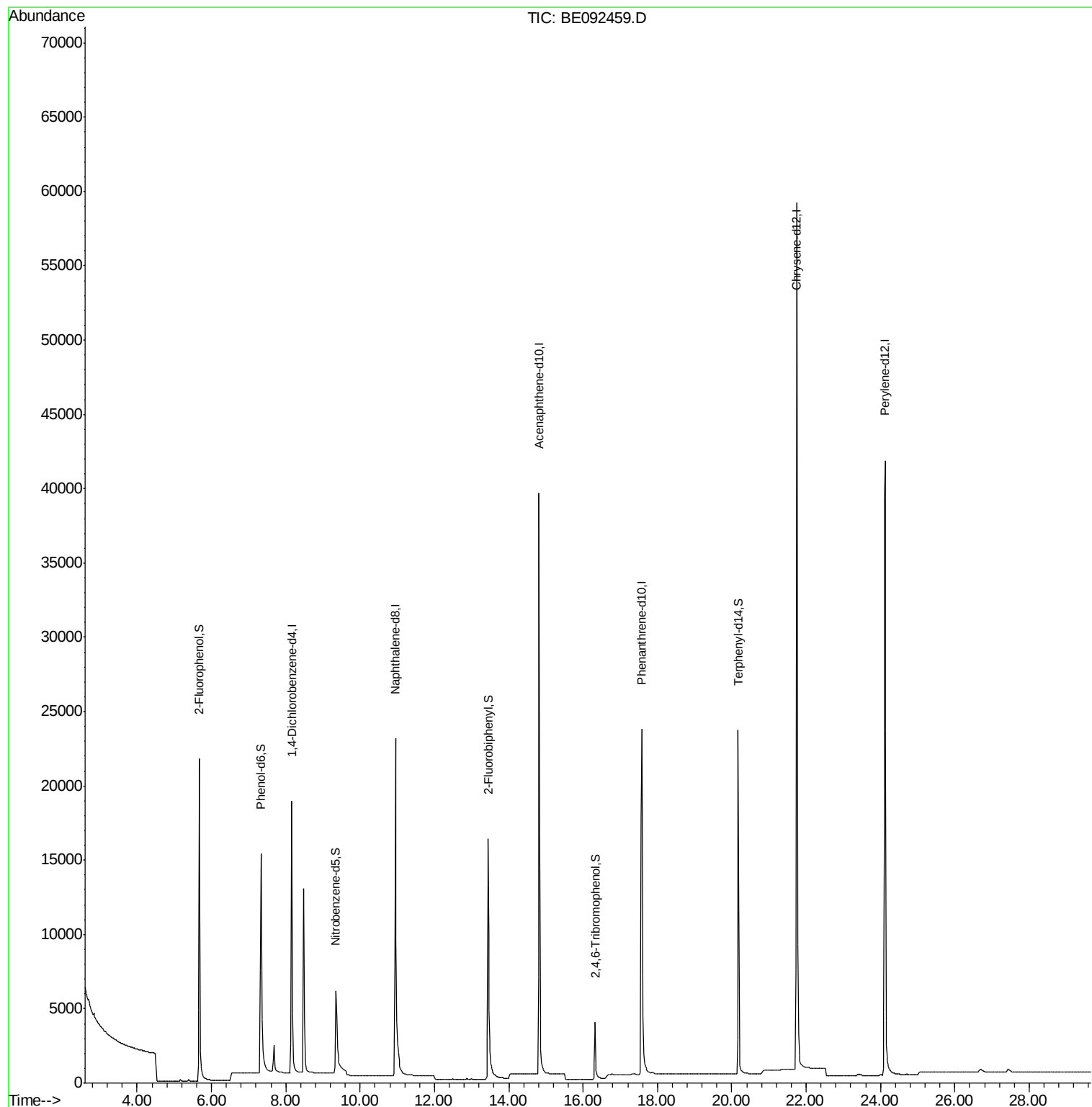
Target Compounds	Qvalue
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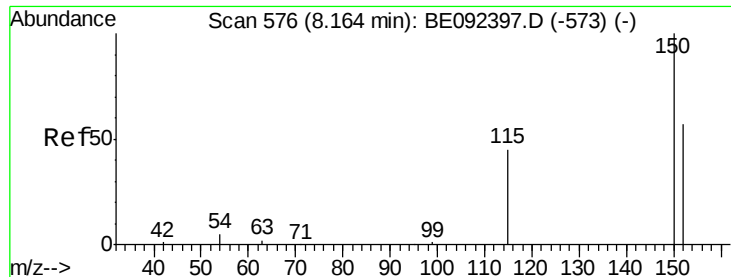
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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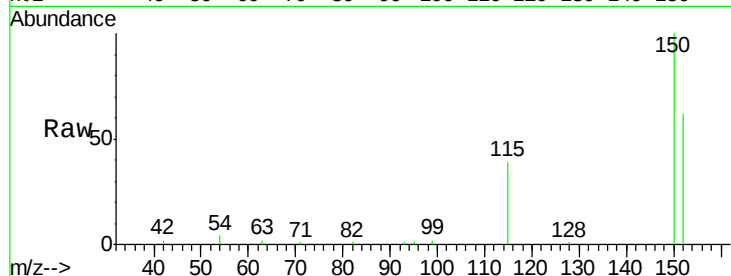




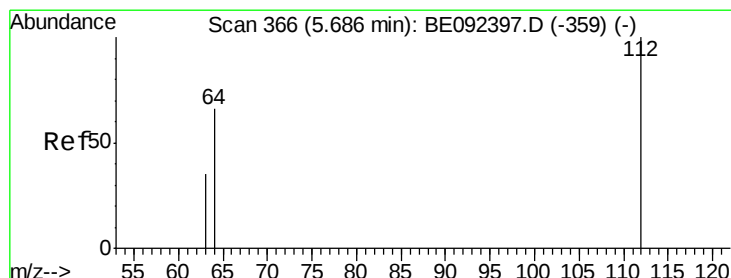
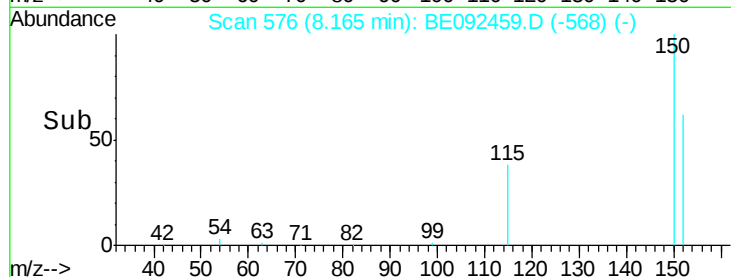
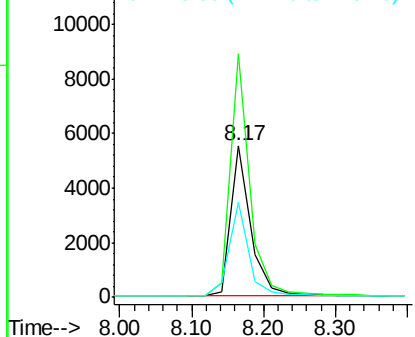
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

Tgt Ion:152 Resp: 10705
 Ion Ratio Lower Upper
 152 100
 150 160.1 106.0 159.0#
 115 62.1 31.2 46.8#

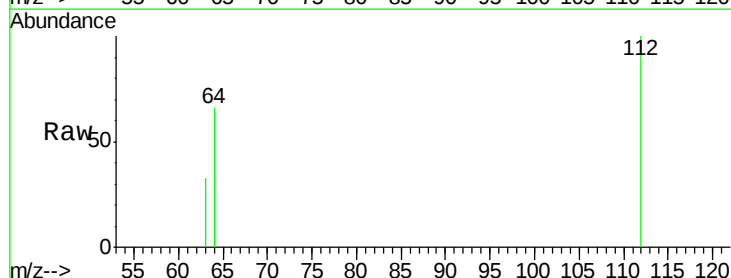


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

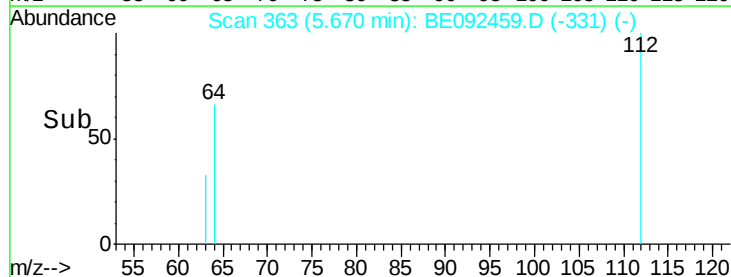
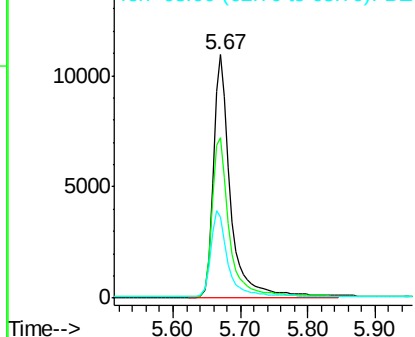


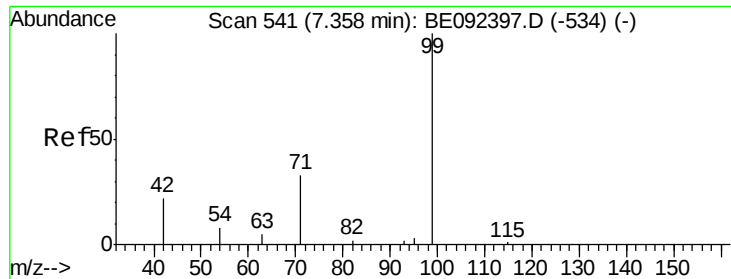
#4
 2-Fluorophenol
 Concen: 7.69 ng
 RT: 5.67 min Scan# 363
 Delta R.T. -0.02 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Tgt Ion:112 Resp: 19399
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.5 80.3
 63 36.2 27.9 41.9



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: 6.44 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092459.D

Acq: 17 Oct 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB93716BL

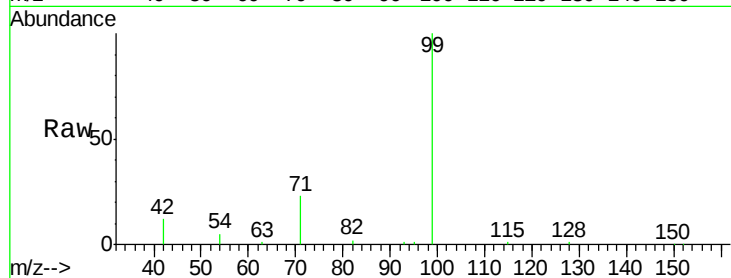
Tgt Ion: 99 Resp: 23163

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

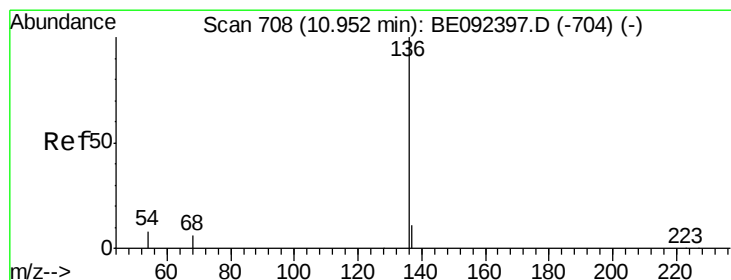
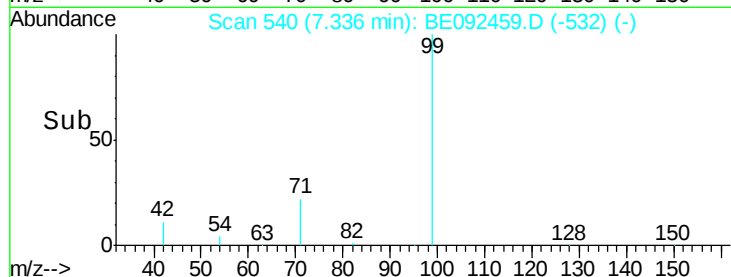
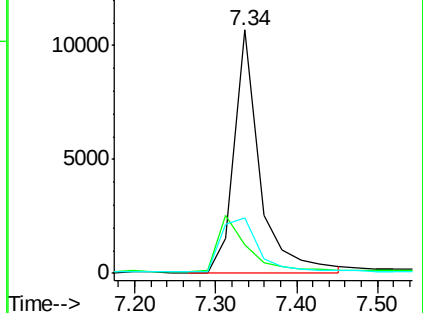
71 34.0 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092459.D

Acq: 17 Oct 2016 19:08

Tgt Ion: 136 Resp: 43018

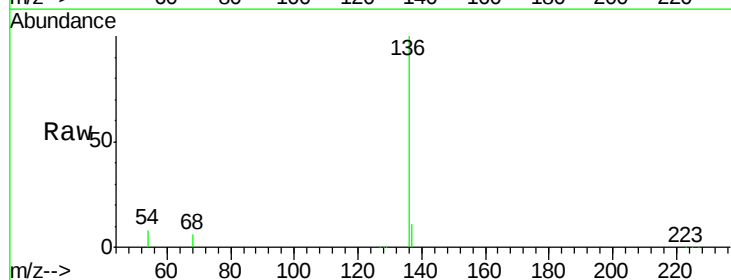
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.0 9.6 14.4#

68 5.9 6.7 10.1#

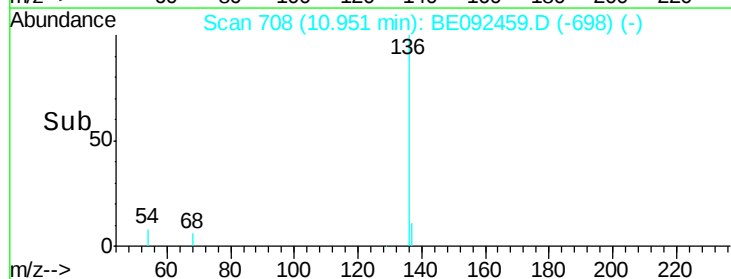
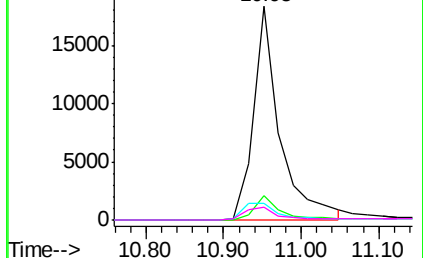


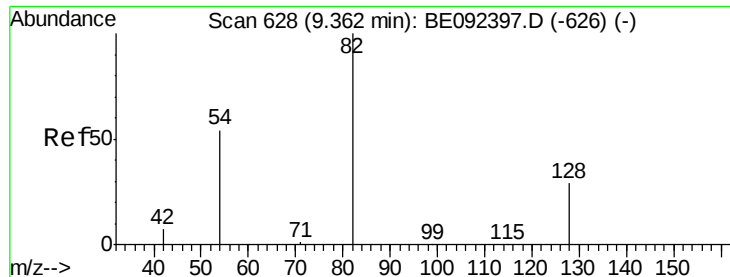
Abundance Ion 136.00 (135.70 to 136.70): E

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

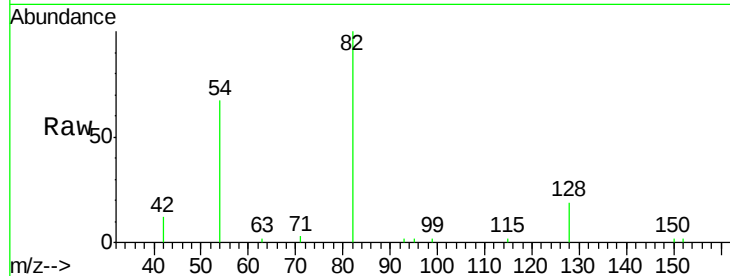




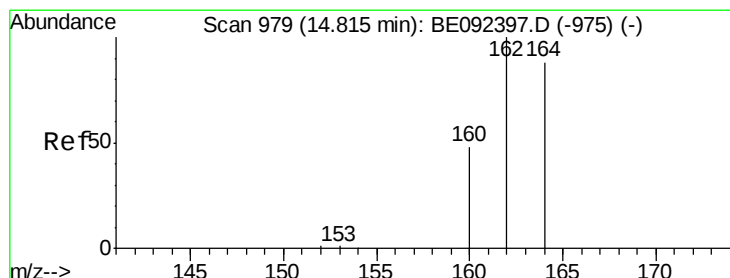
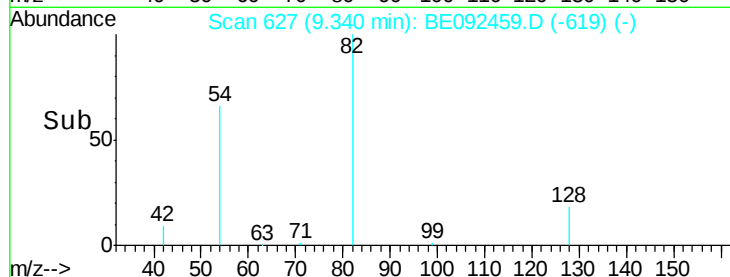
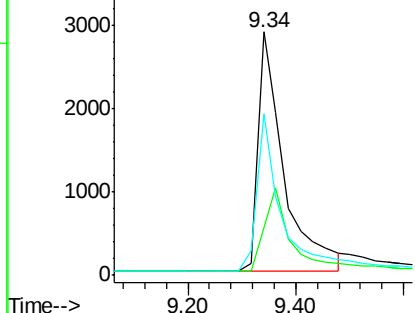
#8
 Nitrobenzene-d5
 Concen: 3.16 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

Tgt Ion: 82 Resp: 9602
 Ion Ratio Lower Upper
 82 100
 128 19.5 39.0 58.4#
 54 66.6 44.8 67.2

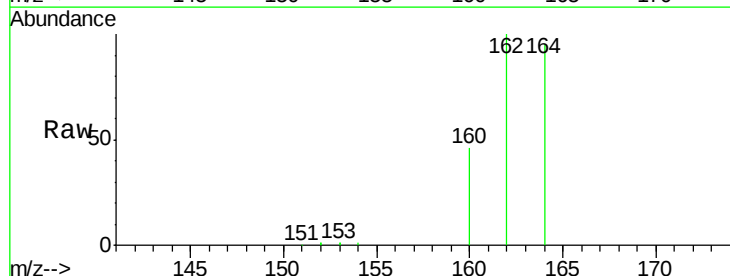


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

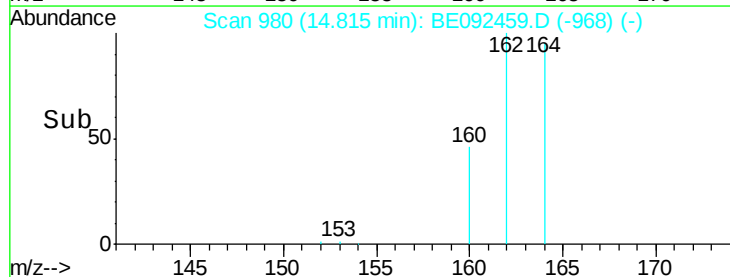
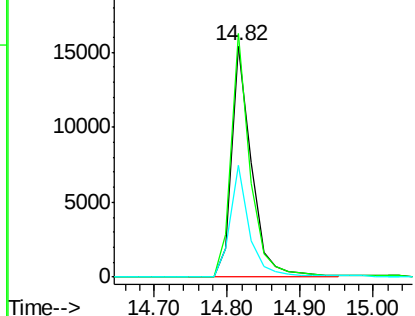


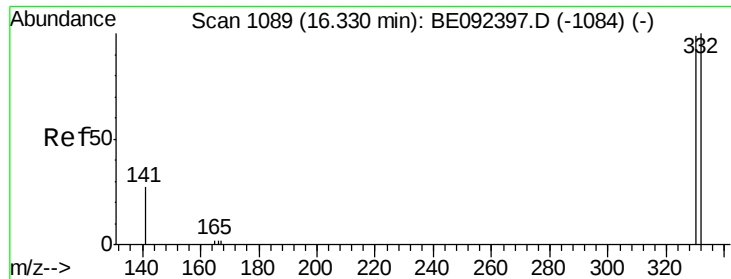
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.82 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Tgt Ion: 164 Resp: 28587
 Ion Ratio Lower Upper
 164 100
 162 105.4 71.4 107.0
 160 48.6 27.4 41.2#



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

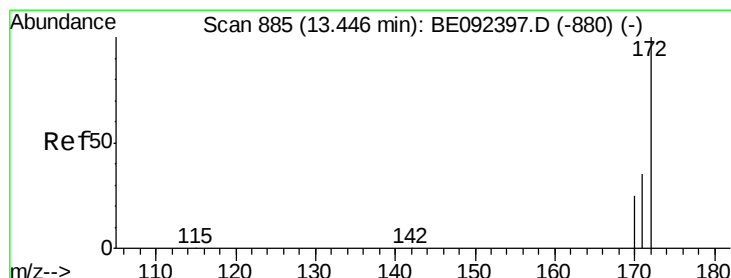
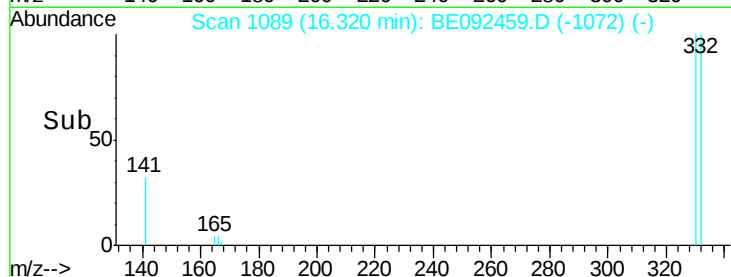
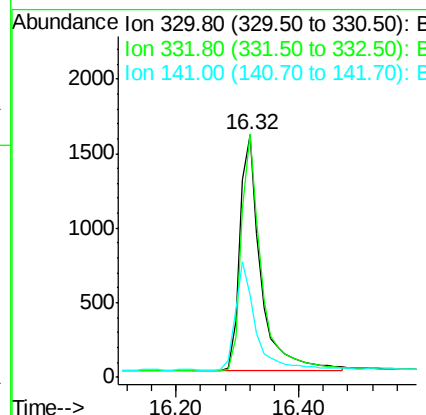
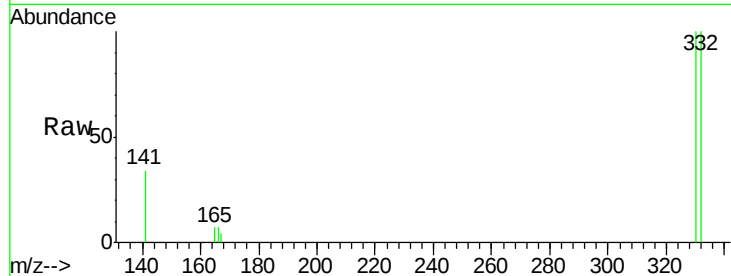




#13
 2,4,6-Tribromophenol
 Concen: 3.81 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

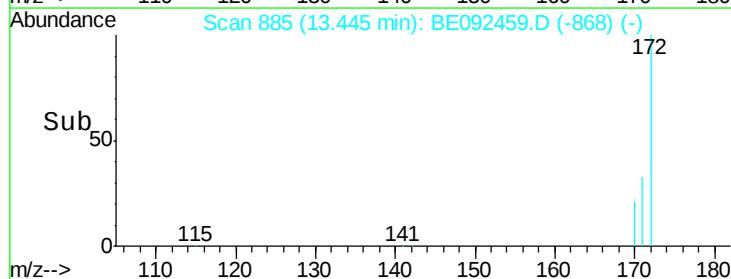
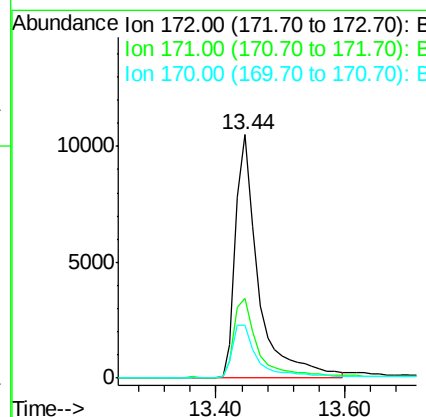
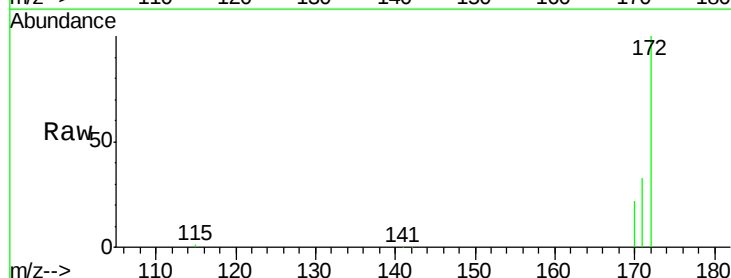
Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

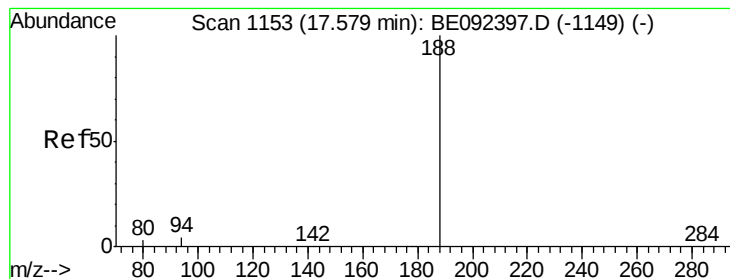
Tgt Ion: 330 Resp: 3775
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 44.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.75 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Tgt Ion: 172 Resp: 25395
 Ion Ratio Lower Upper
 172 100
 171 32.8 30.1 45.1
 170 21.6 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092459.D

Acq: 17 Oct 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB93716BL

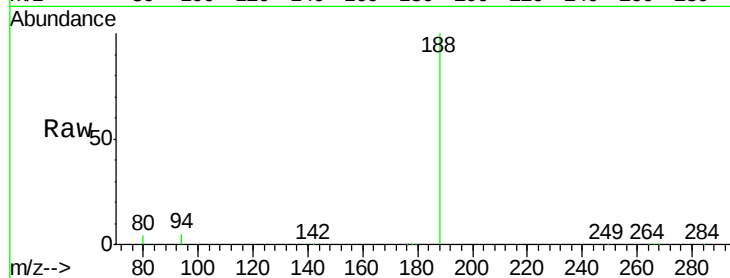
Tgt Ion:188 Resp: 52582

Ion Ratio Lower Upper

188 100

94 4.8 3.2 4.8#

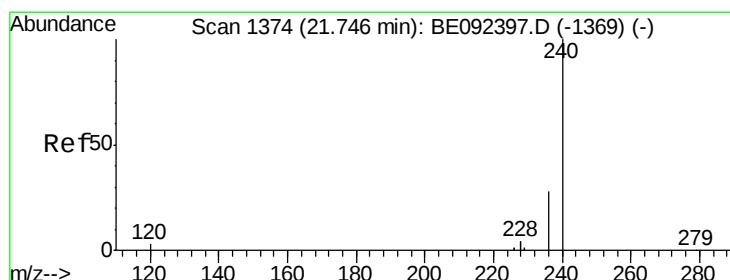
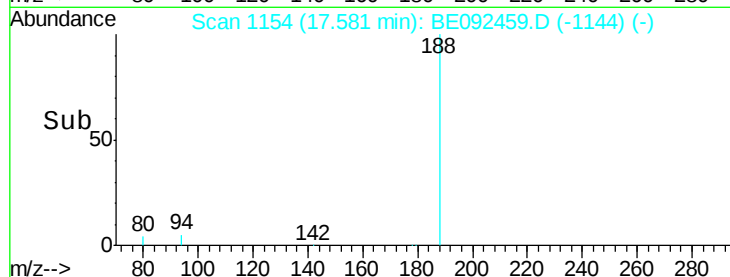
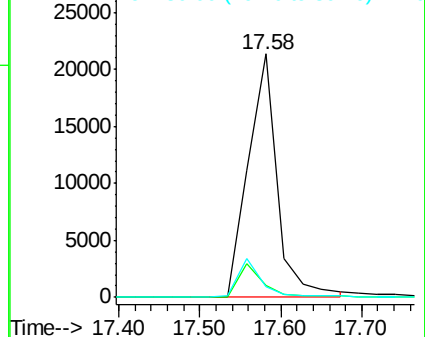
80 4.4 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092459.D

Acq: 17 Oct 2016 19:08

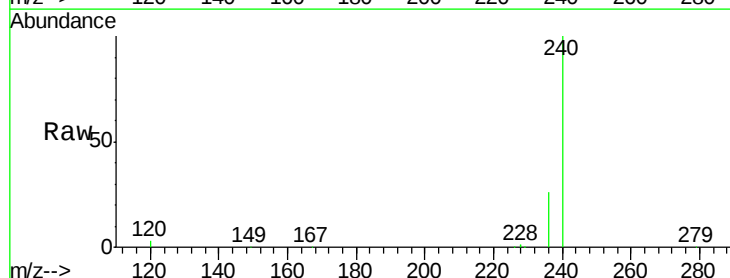
Tgt Ion:240 Resp: 74494

Ion Ratio Lower Upper

240 100

120 3.0 2.6 4.0

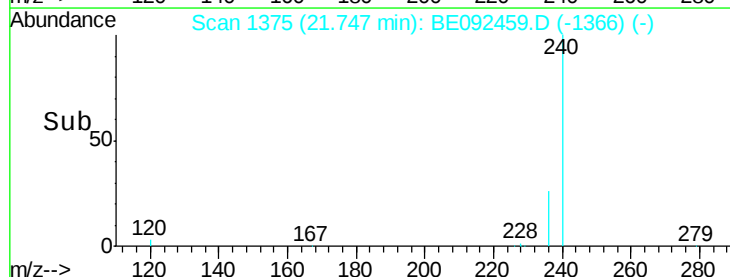
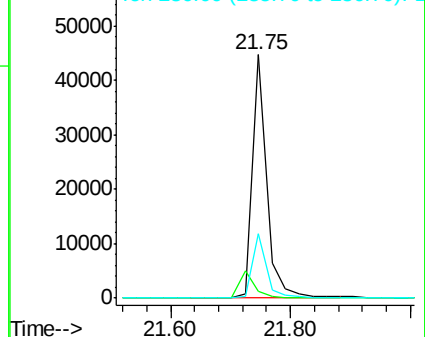
236 26.4 24.6 37.0

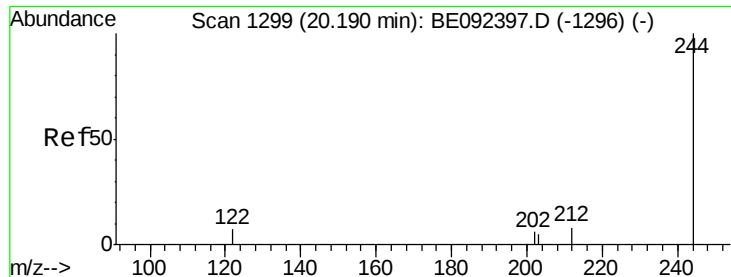


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

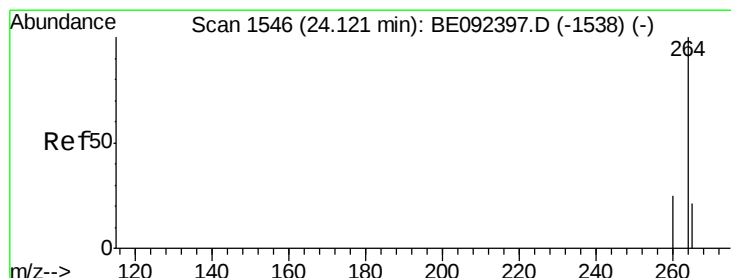
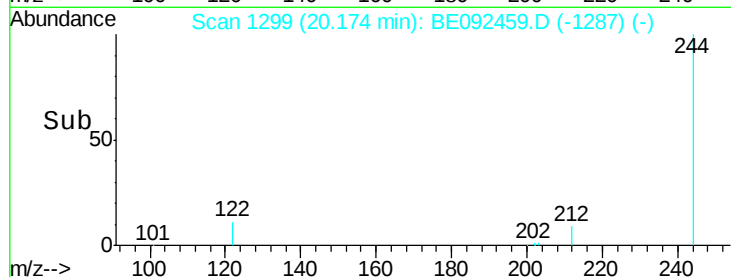
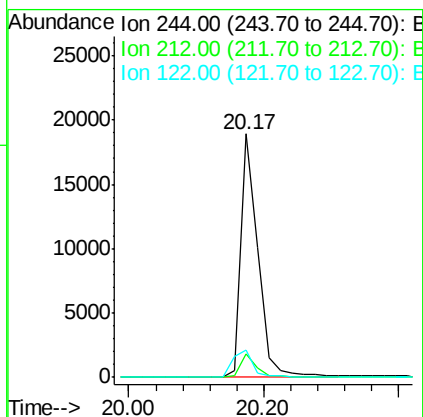
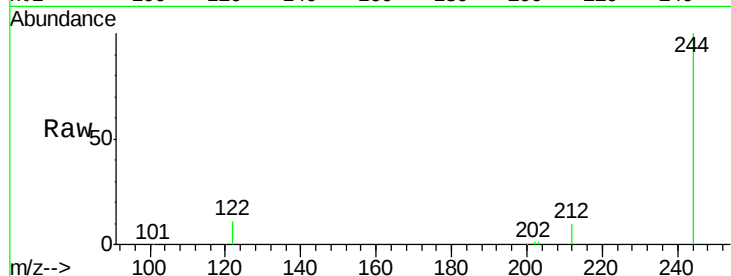




#26
 Terphenyl-d14
 Concen: 3.56 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Instrument :
 BNA_E
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Tgt Ion:244 Resp: 32882
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.7 10.1
 122 11.3 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092459.D
 Acq: 17 Oct 2016 19:08

Tgt Ion:264 Resp: 68787
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.7 17.9 26.9

