

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092445.D
 Acq On : 7 Oct 2016 13:23
 Operator : UM/SJ
 Sample : PB93840BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93840BL

Quant Time: Oct 07 23:17:06 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	10737	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42958	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	28771	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	56068	5.00	ng	0.02
24) Chrysene-d12	21.75	240	79888	5.00	ng	0.00
31) Perylene-d12	24.11	264	72352	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	18053	7.14	ng	-0.02
5) Phenol-d6	7.34	99	21420	5.95	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9006	2.98	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4329	4.32	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	24026	3.53	ng	0.00
26) Terphenyl-d14	20.17	244	33318	3.36	ng	0.00

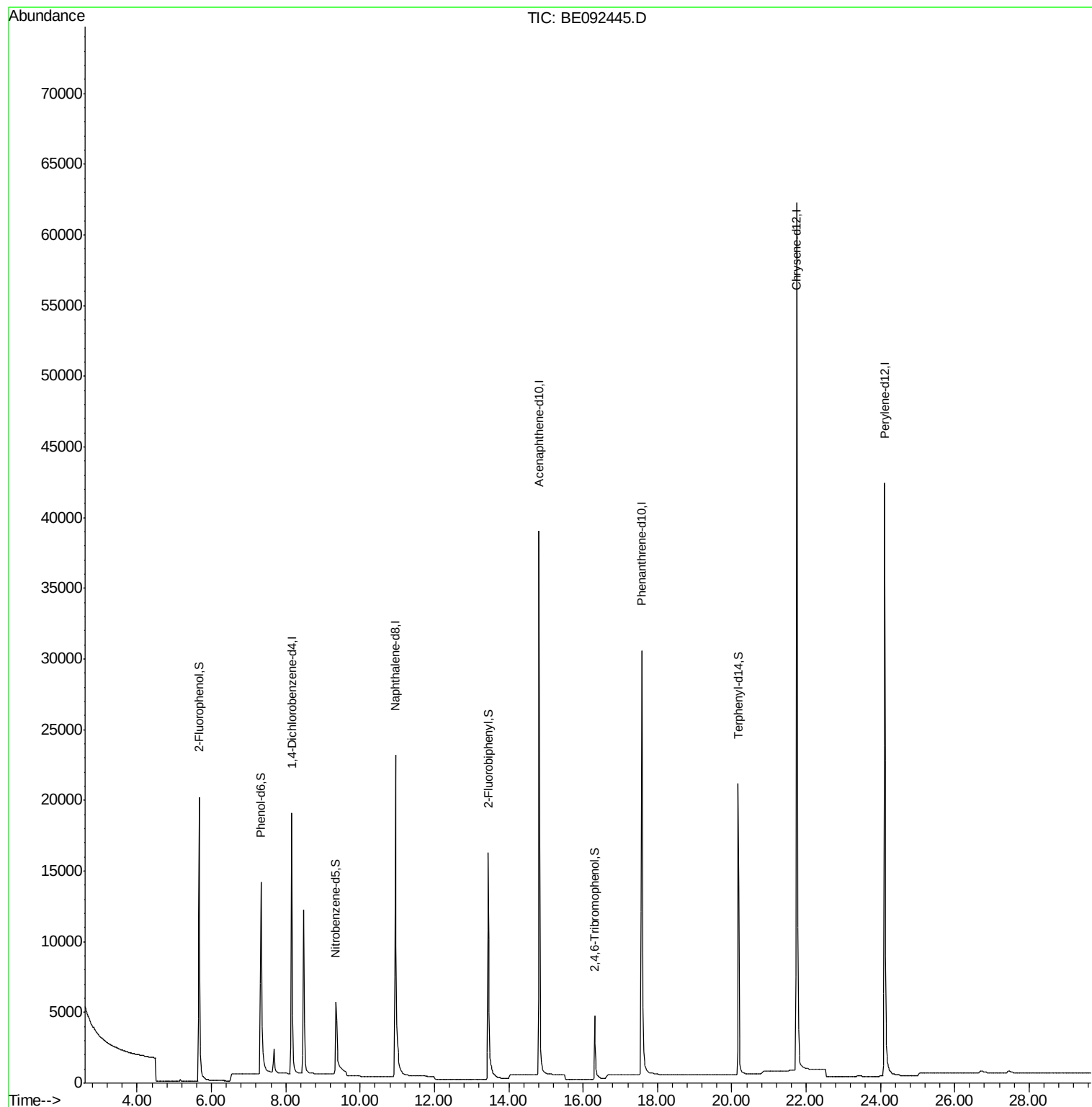
Target Compounds Qvalue

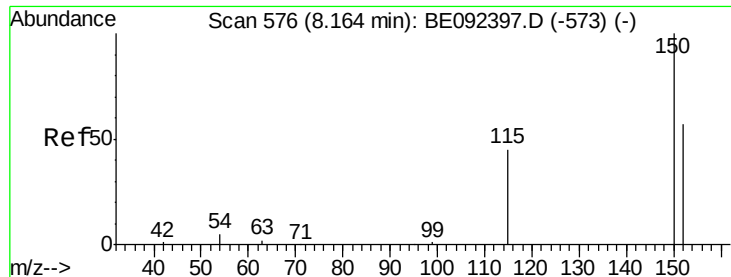
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

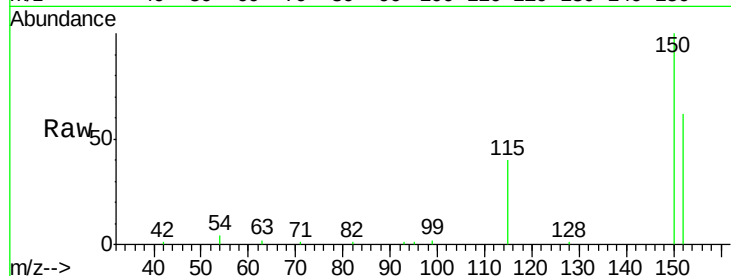
Tot Ion:152 Resp: 10737

Ion Ratio Lower Upper

152 100

150 162.3 106.0 159.0#

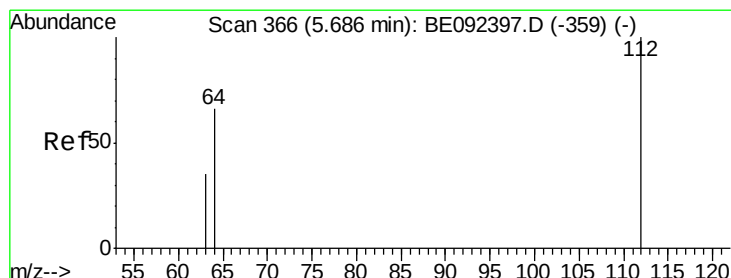
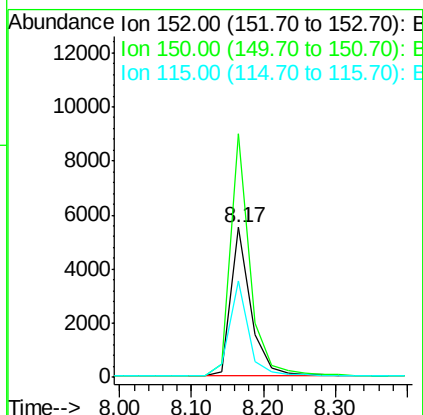
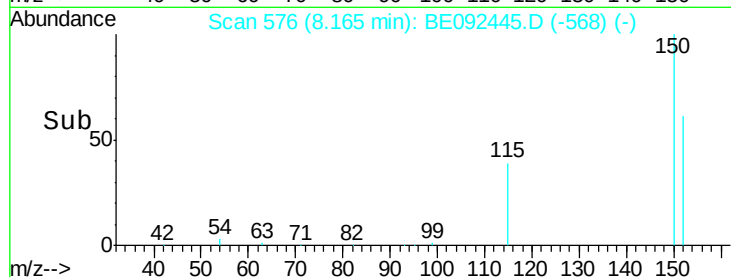
115 64.2 31.2 46.8#



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: 7.14 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

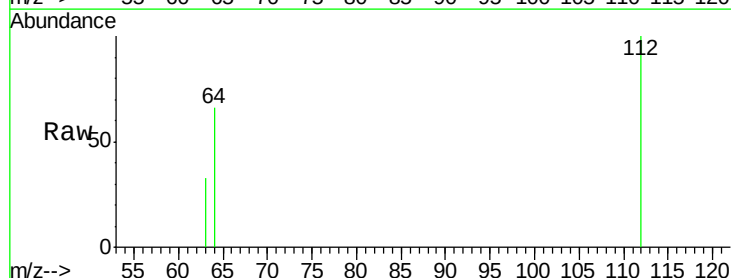
Tgt Ion:112 Resp: 18053

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

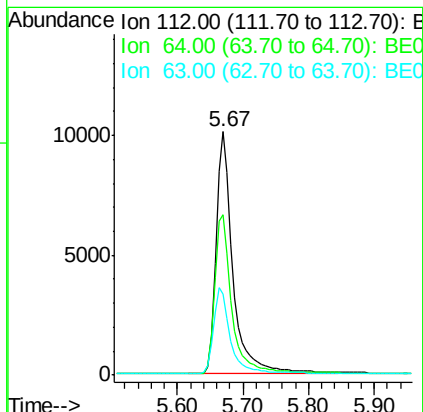
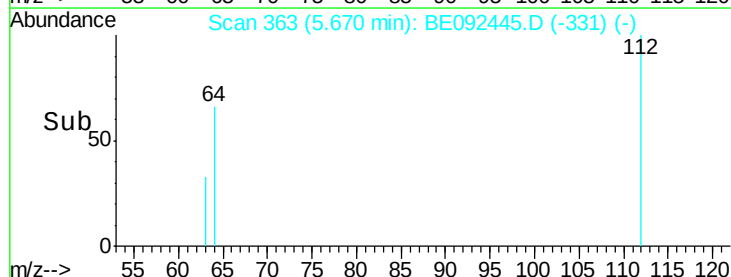
63 36.0 27.9 41.9

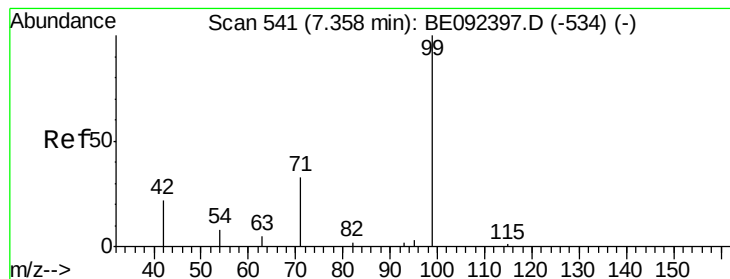


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.95 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

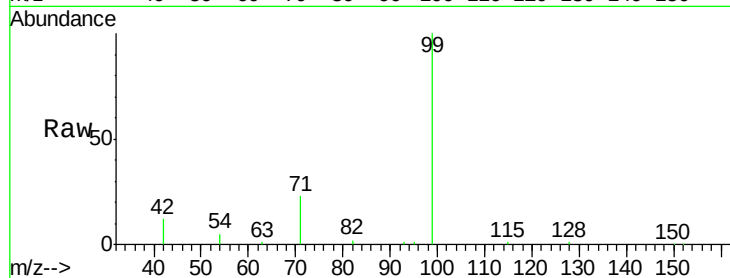
Tot Ion: 99 Resp: 21420

Ion Ratio Lower Upper

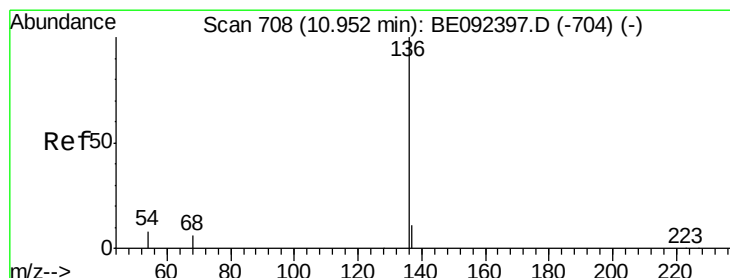
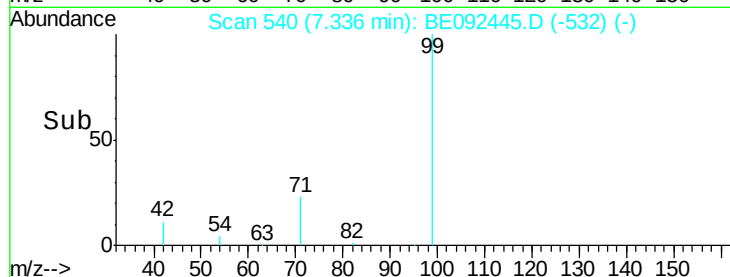
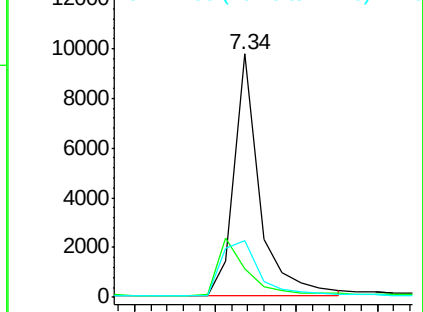
99 100

42 0.0 16.0 24.0#

71 34.3 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: BE092445.D

Acq: 7 Oct 2016 13:23

Tgt Ion: 136 Resp: 42958

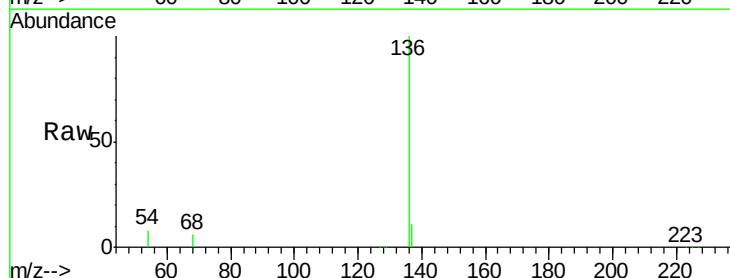
Ion Ratio Lower Upper

136 100

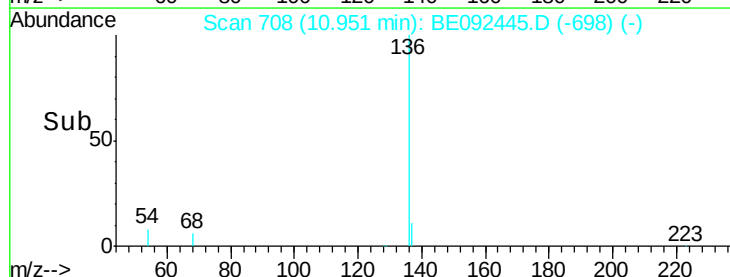
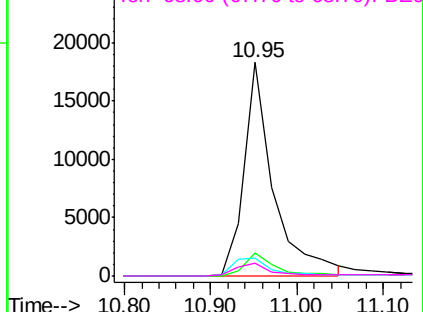
137 11.1 8.2 12.4

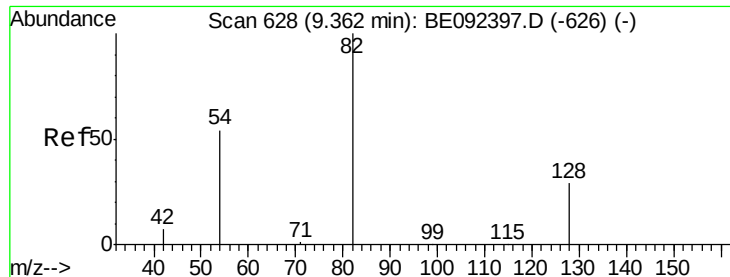
54 8.2 9.6 14.4#

68 6.0 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: 2.98 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

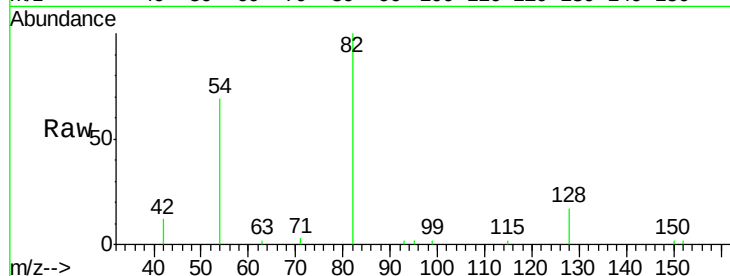
Tot Ion: 82 Resp: 9006

Ion Ratio Lower Upper

82 100

128 17.5 39.0 58.4#

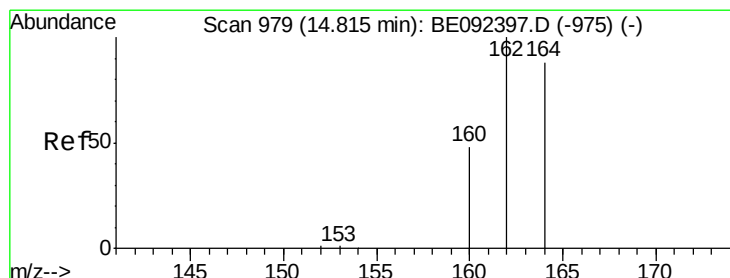
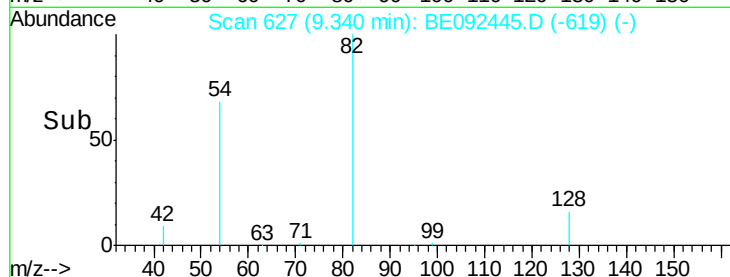
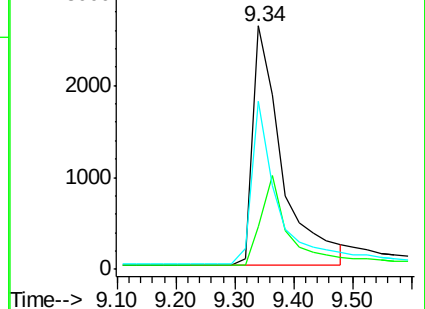
54 69.1 44.8 67.2#



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: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092445.D

Acq: 7 Oct 2016 13:23

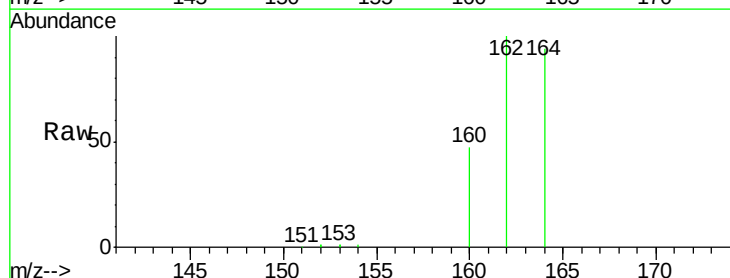
Tgt Ion: 164 Resp: 28771

Ion Ratio Lower Upper

164 100

162 106.8 71.4 107.0

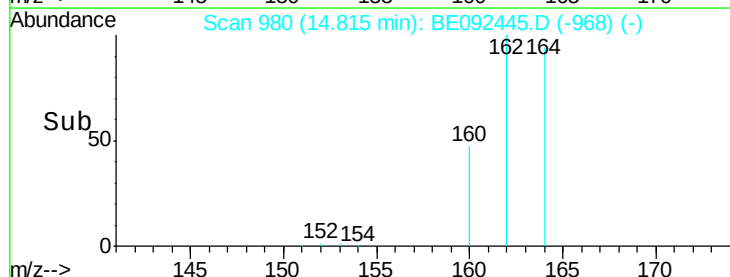
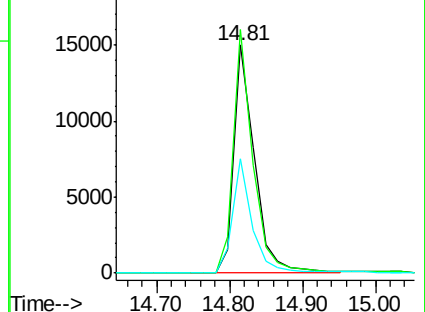
160 50.3 27.4 41.2#

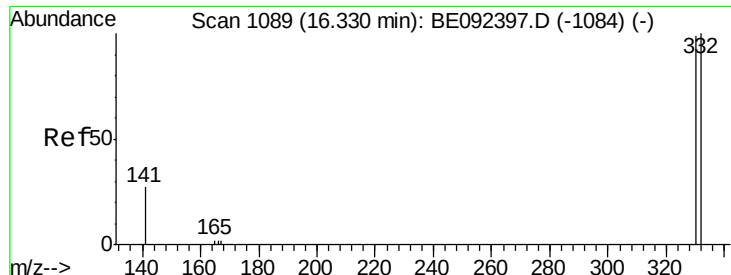


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

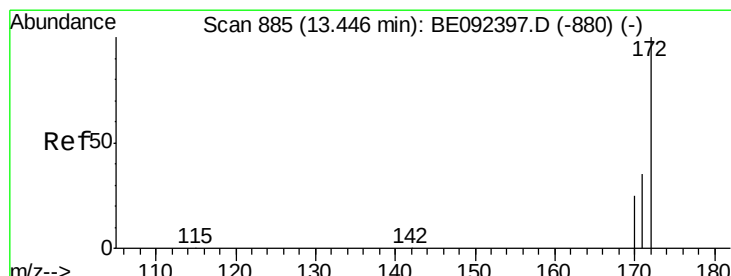
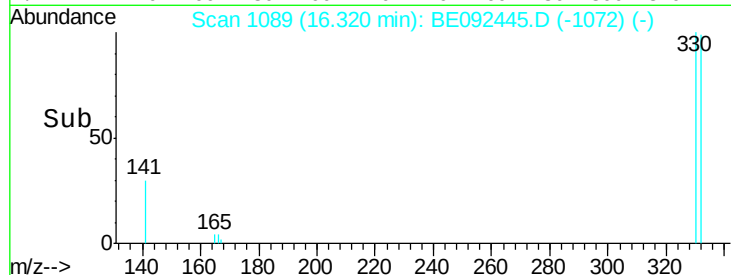
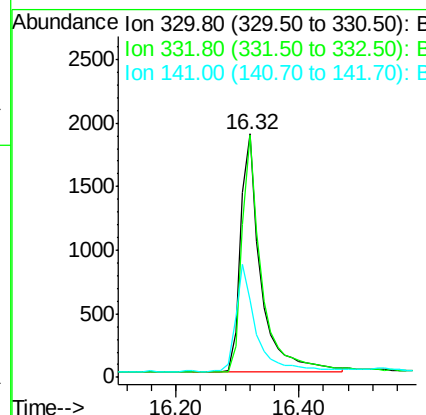
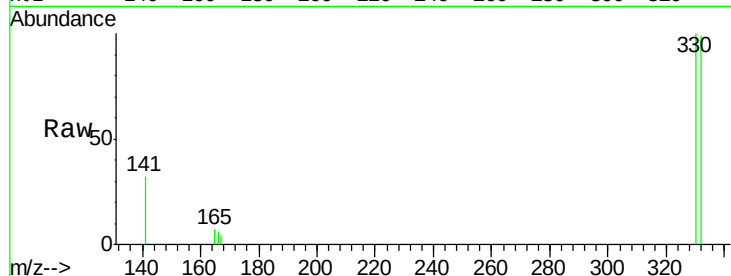




#13
 2,4,6-Tribromophenol
 Concen: 4.32 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092445.D
 Acq: 7 Oct 2016 13:23

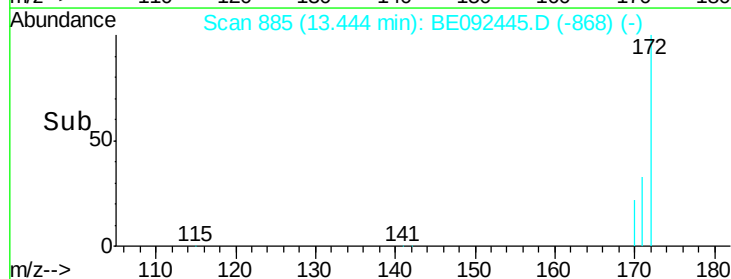
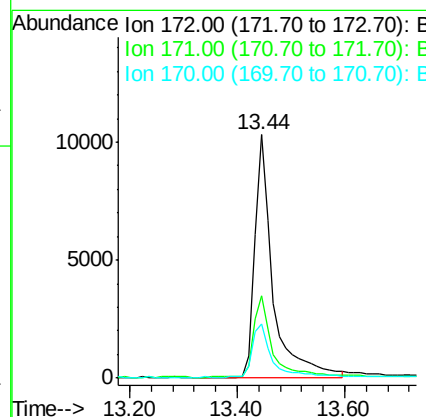
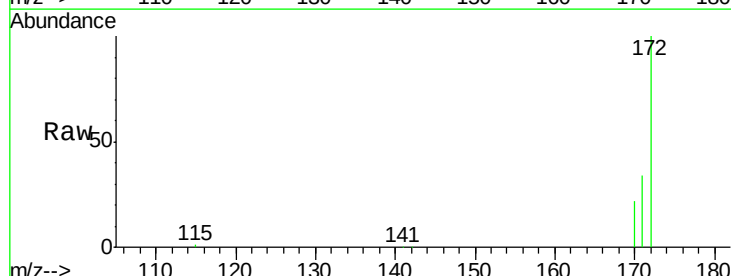
Instrument :
 BNA_E
 ClientSampleId :
 PB93840BL

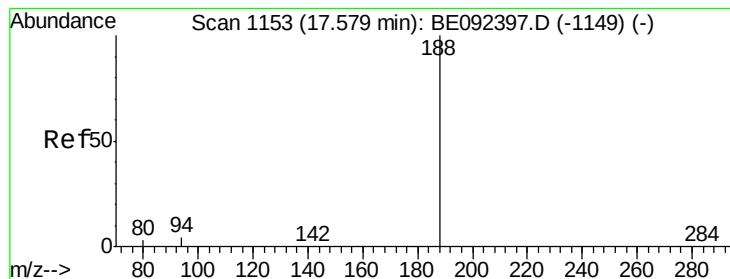
Tot Ion:330 Resp: 4329
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.9 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.53 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092445.D
 Acq: 7 Oct 2016 13:23

Tgt Ion:172 Resp: 24026
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.1 45.1
 170 22.2 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: BE092445.D

Acq: 7 Oct 2016 13:23

Instrument :

BNA_E

ClientSampleId :

PB93840BL

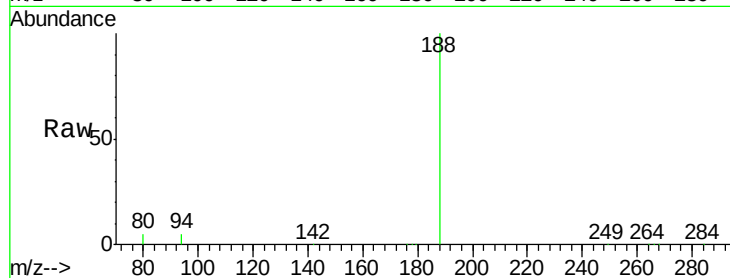
Tot Ion:188 Resp: 56068

Ion Ratio Lower Upper

188 100

94 5.0 3.2 4.8#

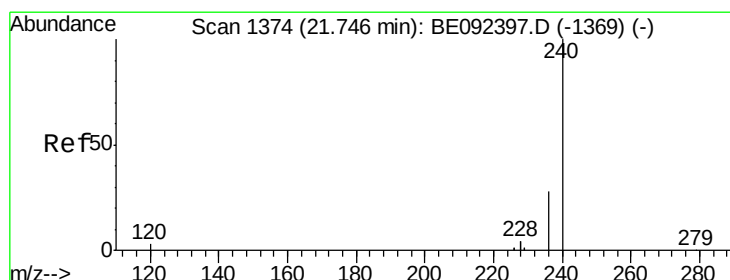
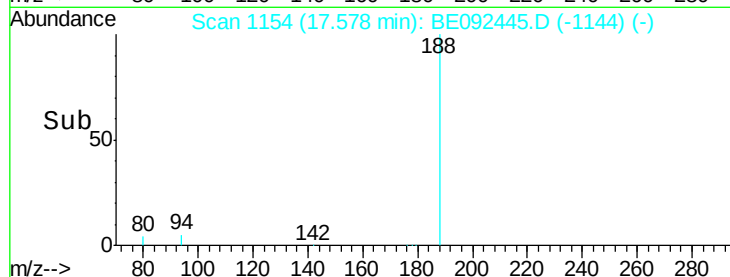
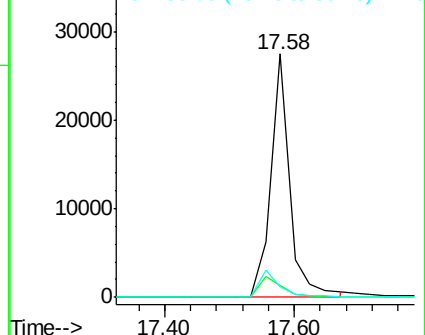
80 4.6 2.6 3.8#



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: BE092445.D

Acq: 7 Oct 2016 13:23

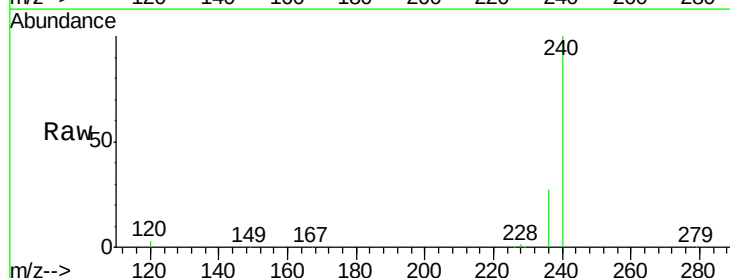
Tgt Ion:240 Resp: 79888

Ion Ratio Lower Upper

240 100

120 3.2 2.6 4.0

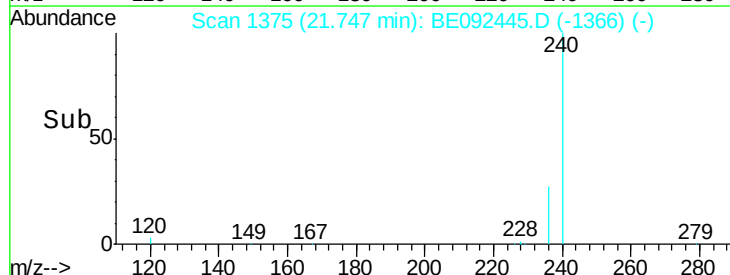
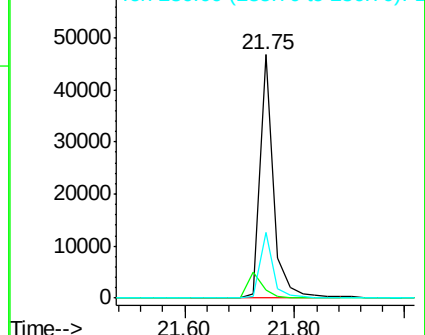
236 27.1 24.6 37.0

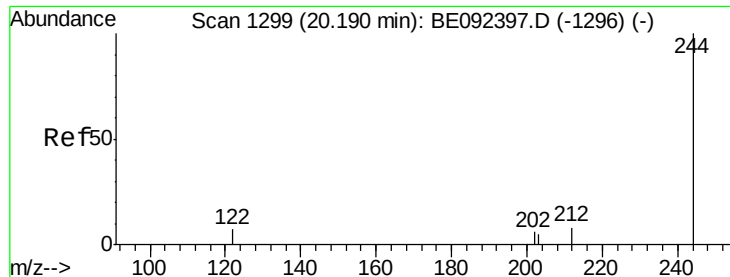


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

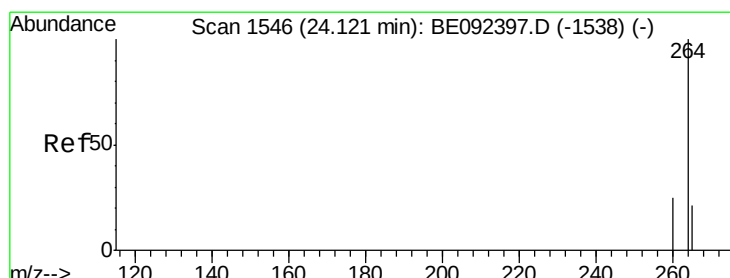
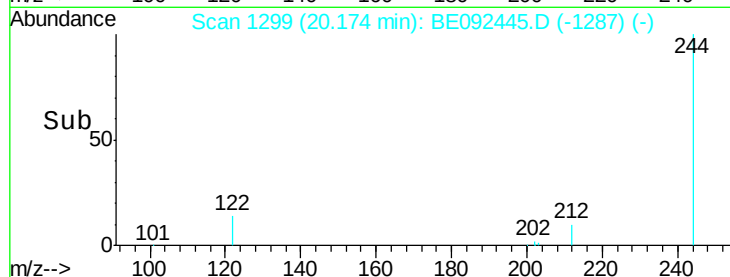
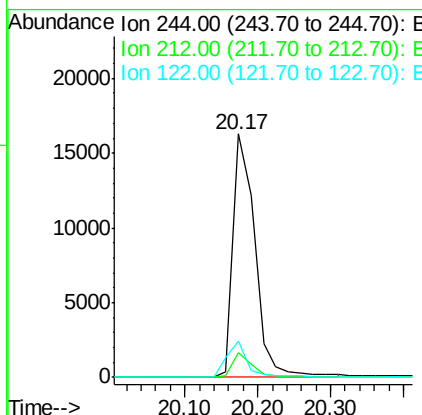
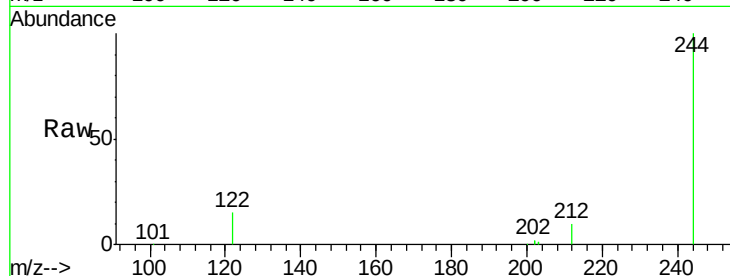




#26
 Terphenyl-d14
 Concen: 3.36 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092445.D
 Acq: 7 Oct 2016 13:23

Instrument :
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Tot Ion:244 Resp: 33318
 Ion Ratio Lower Upper
 244 100
 212 10.0 6.7 10.1
 122 14.7 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092445.D
 Acq: 7 Oct 2016 13:23

Tgt Ion:264 Resp: 72352
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.1 30.1
 265 21.2 17.9 26.9

