

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE093016\
 Data File : BE092434.D
 Acq On : 30 Sep 2016 13:59
 Operator : UM/SJ
 Sample : PB93716BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

Quant Time: Sep 30 14:45:46 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	8.16	152	9993	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	39739	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	26420	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	51837	5.00	ng	0.02
24) Chrysene-d12	21.75	240	75973	5.00	ng	0.00
31) Perylene-d12	24.12	264	68899	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	13638	5.82	ng	-0.02
5) Phenol-d6	7.34	99	15535	4.65	ng	-0.02
8) Nitrobenzene-d5	9.34	82	6832	2.47	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	3299	3.61	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	18452	2.95	ng	0.00
26) Terphenyl-d14	20.19	244	25789	2.74	ng	0.02

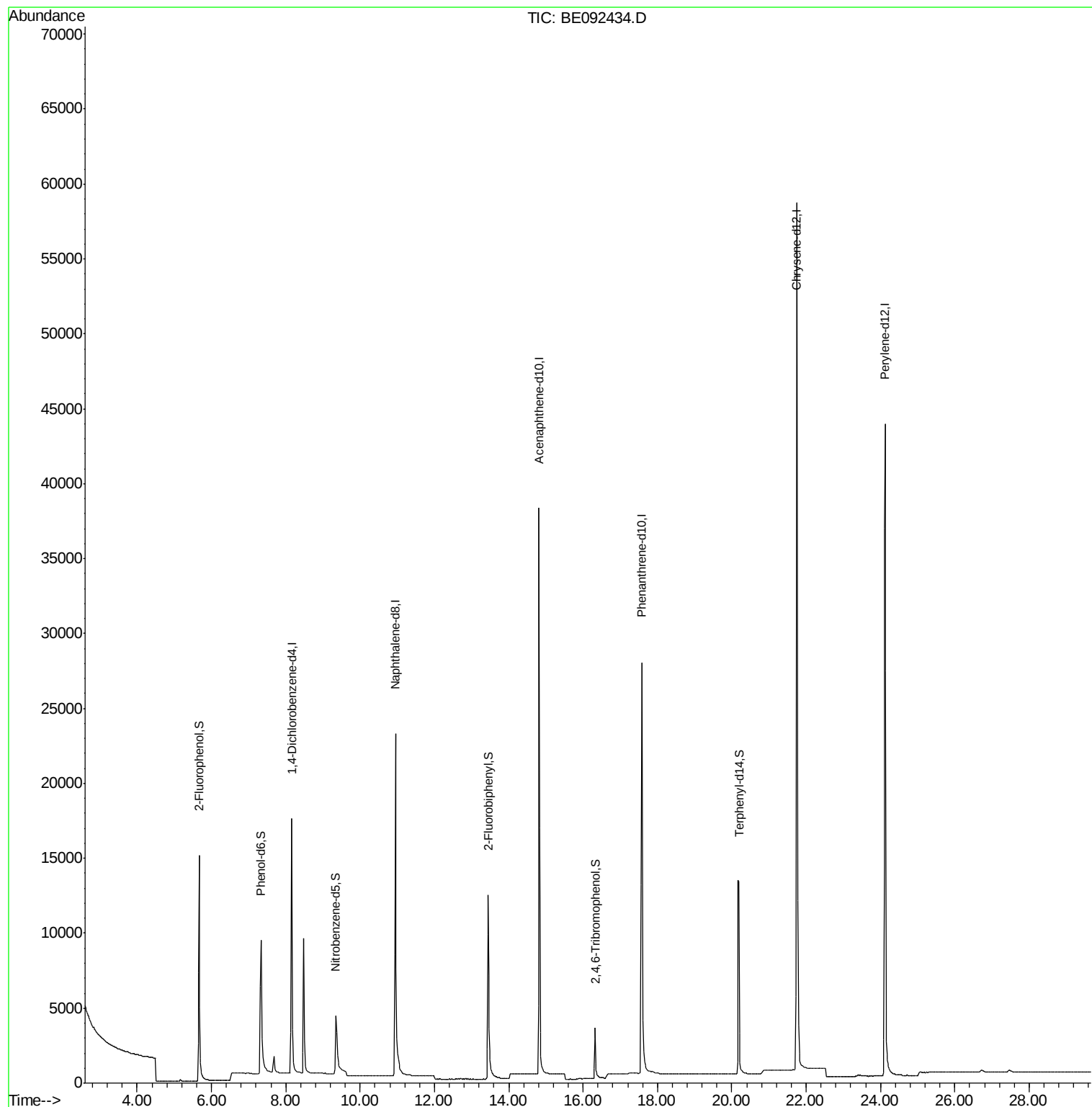
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

PB93716BL

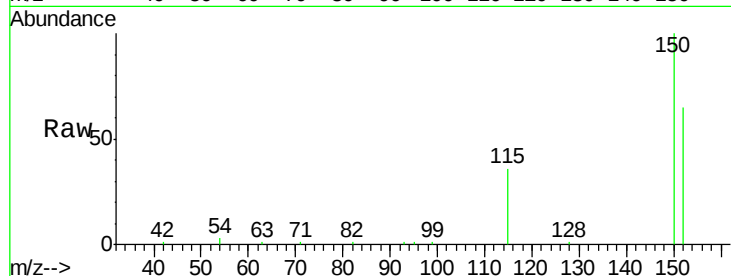
Tgt Ion:152 Resp: 9993

Ion Ratio Lower Upper

152 100

150 153.9 106.0 159.0

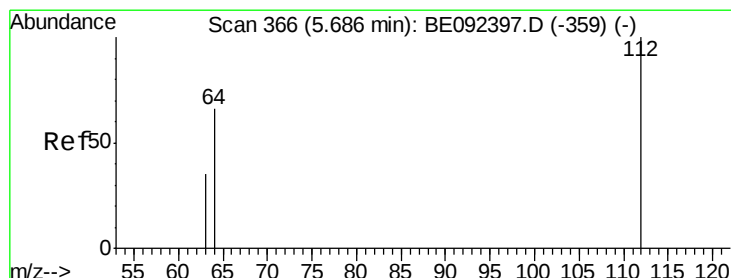
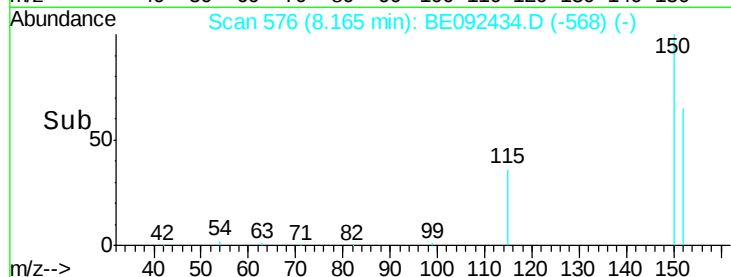
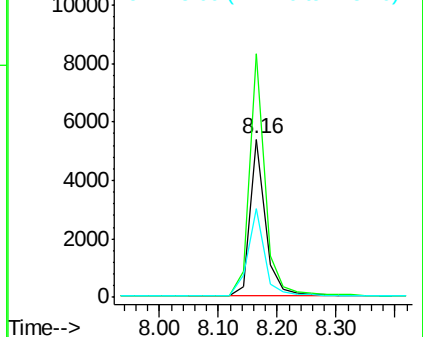
115 56.0 31.2 46.8#



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: 5.82 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

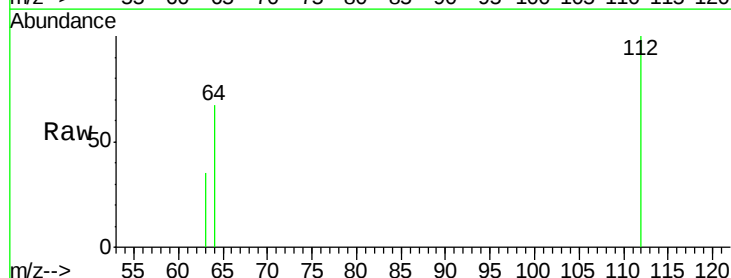
Tgt Ion:112 Resp: 13638

Ion Ratio Lower Upper

112 100

64 67.3 53.5 80.3

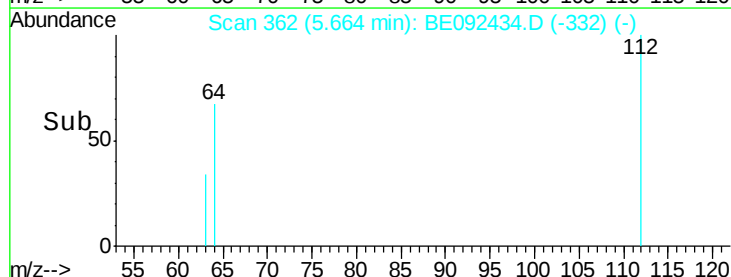
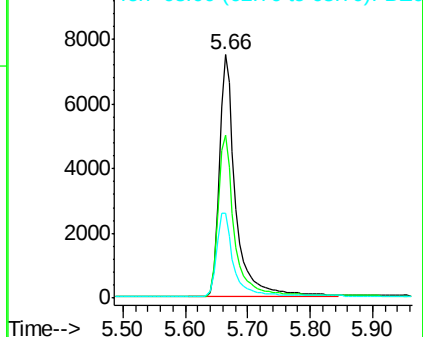
63 35.9 27.9 41.9

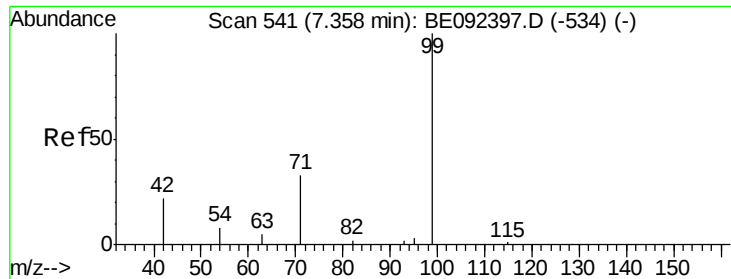


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.65 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

PB93716BL

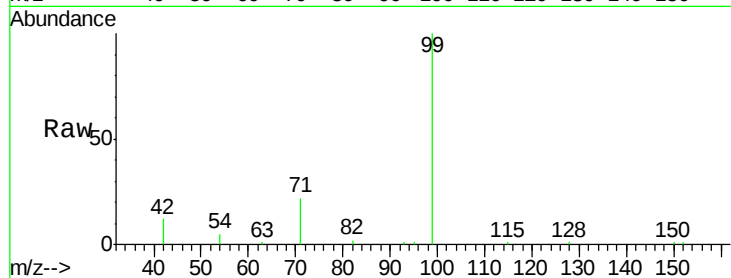
Tgt Ion: 99 Resp: 15535

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

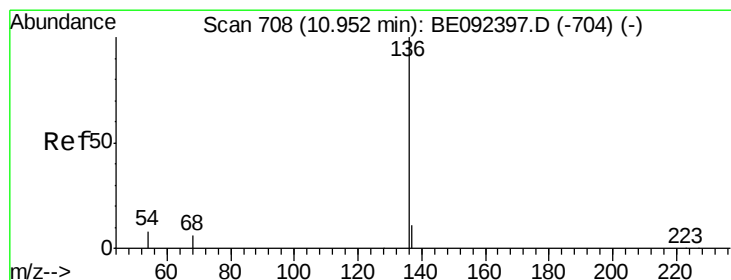
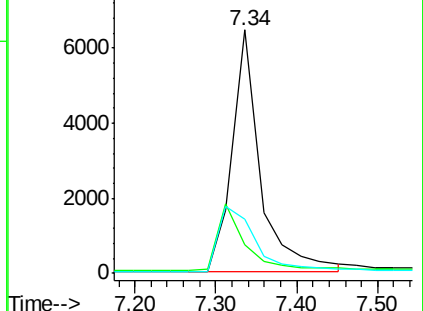
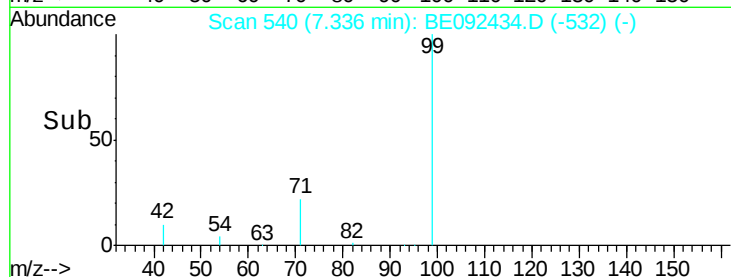
71 0.0 30.6 45.8#



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: BE092434.D

Acq: 30 Sep 2016 13:59

Tgt Ion: 136 Resp: 39739

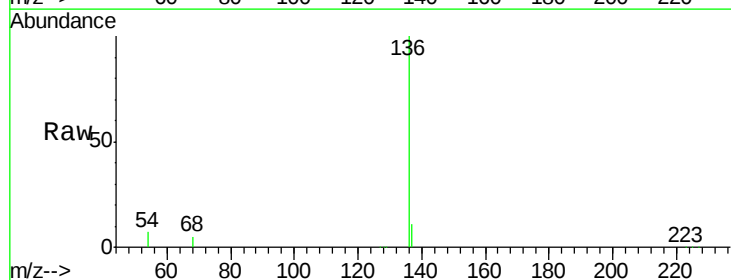
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 7.0 9.6 14.4#

68 5.3 6.7 10.1#

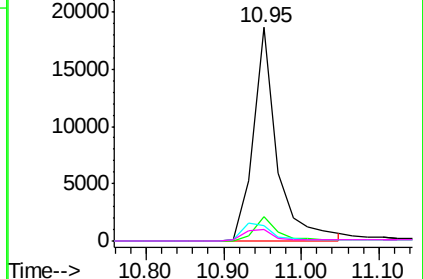
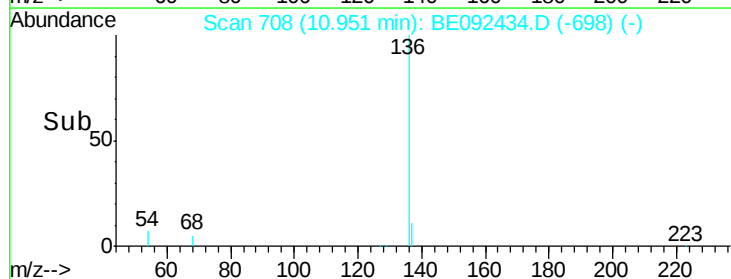


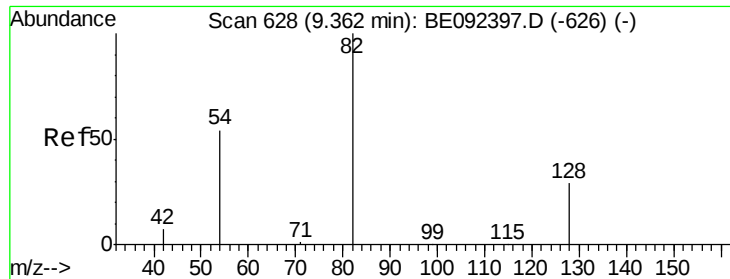
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.47 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

PB93716BL

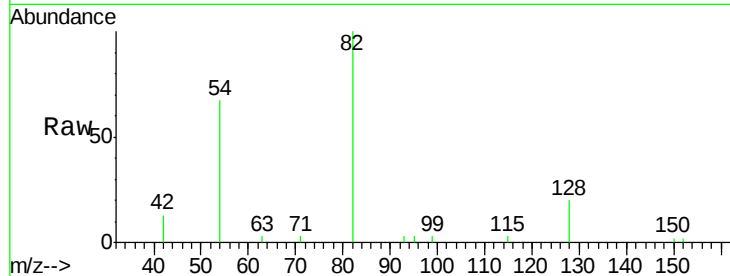
Tgt Ion: 82 Resp: 6832

Ion Ratio Lower Upper

82 100

128 19.9 39.0 58.4#

54 67.4 44.8 67.2#

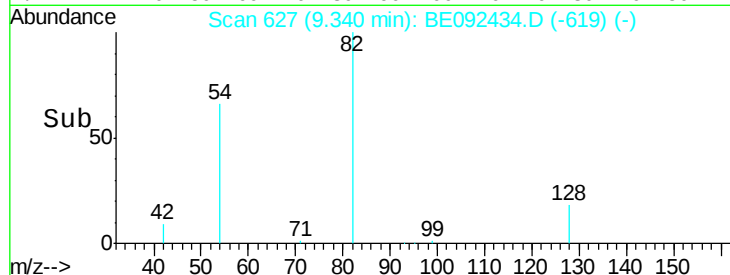


Abundance Ion 82.00 (81.70 to 82.70): BE092397.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092397.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092397.D (-626) (-)

Time--> 9.10 9.20 9.30 9.40 9.50

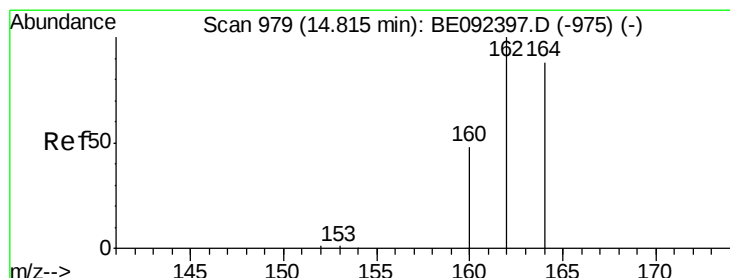


Abundance Ion 82.00 (81.70 to 82.70): BE092434.D (-619) (-)

Ion 128.00 (127.70 to 128.70): BE092434.D (-619) (-)

Ion 54.00 (53.70 to 54.70): BE092434.D (-619) (-)

Time--> 9.10 9.20 9.30 9.40 9.50



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

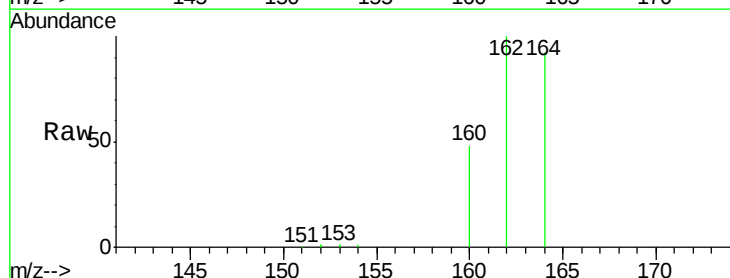
Tgt Ion: 164 Resp: 26420

Ion Ratio Lower Upper

164 100

162 108.5 71.4 107.0#

160 52.2 27.4 41.2#

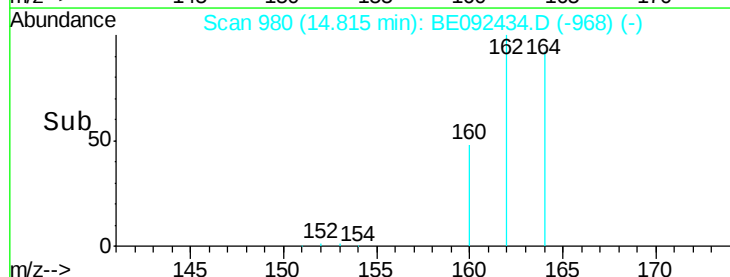


Abundance Ion 164.00 (163.70 to 164.70): BE092397.D (-975) (-)

Ion 162.00 (161.70 to 162.70): BE092397.D (-975) (-)

Ion 160.00 (159.70 to 160.70): BE092397.D (-975) (-)

Time--> 14.60 14.80 15.00

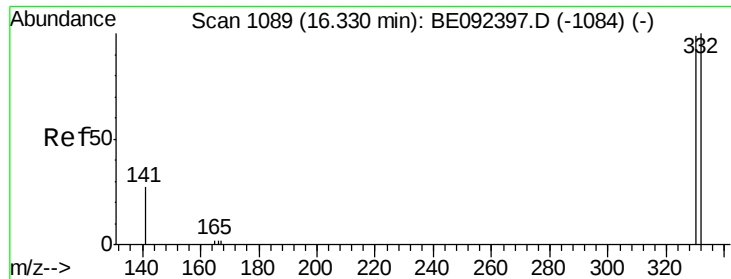


Abundance Ion 164.00 (163.70 to 164.70): BE092434.D (-968) (-)

Ion 162.00 (161.70 to 162.70): BE092434.D (-968) (-)

Ion 160.00 (159.70 to 160.70): BE092434.D (-968) (-)

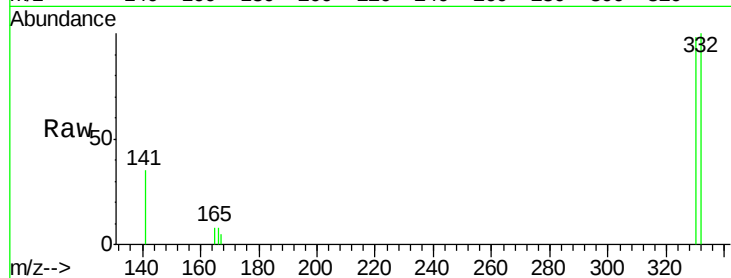
Time--> 14.60 14.80 15.00



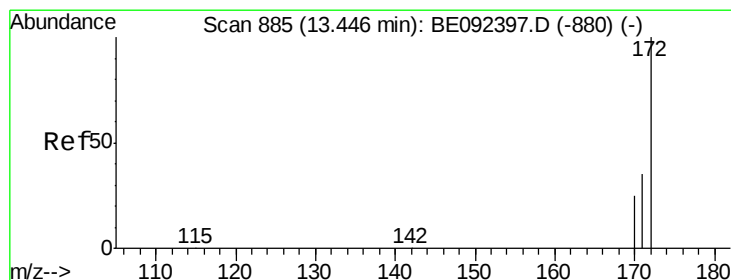
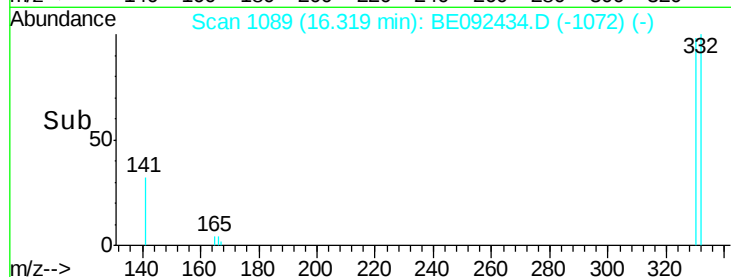
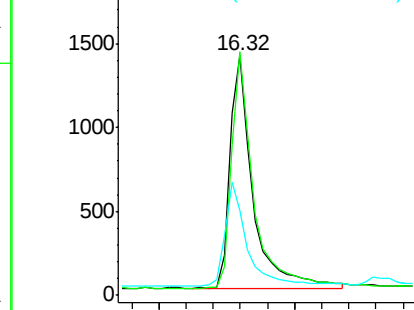
#13
 2,4,6-Tribromophenol
 Concen: 3.61 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Instrument :
 BNA_E
 ClientSampleId :
 PB93716BL

Tgt Ion: 330 Resp: 3299
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 44.2 31.0 46.6

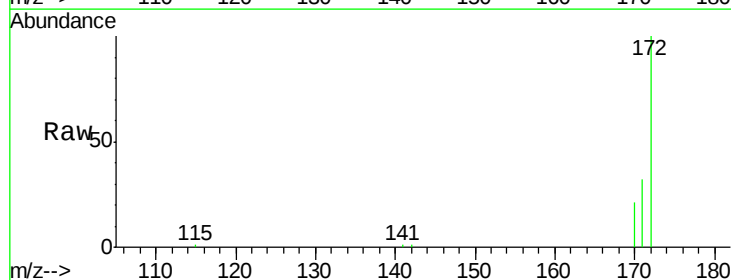


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

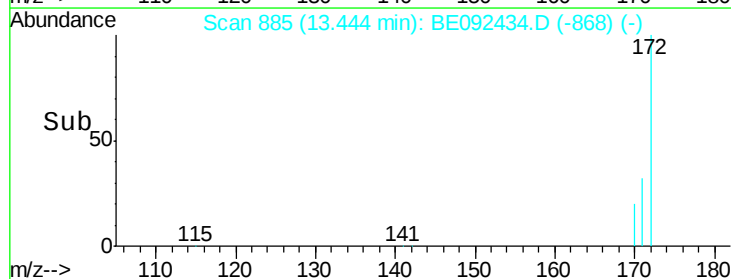
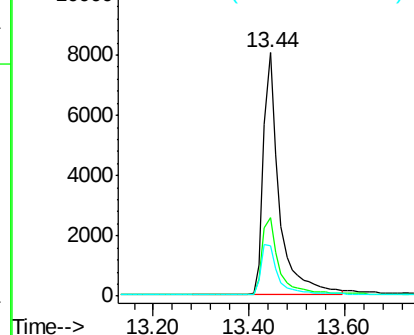


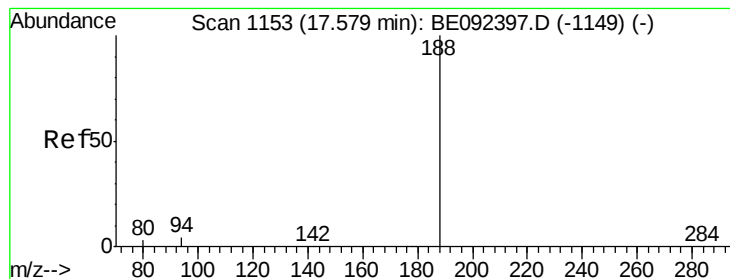
#14
 2-Fluorobiphenyl
 Concen: 2.95 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Tgt Ion: 172 Resp: 18452
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.1 45.1
 170 20.7 21.8 32.6#



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092434.D

Acq: 30 Sep 2016 13:59

Instrument :

BNA_E

ClientSampleId :

PB93716BL

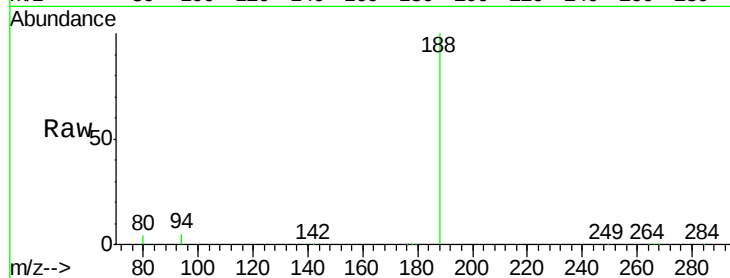
Tgt Ion:188 Resp: 51837

Ion Ratio Lower Upper

188 100

94 4.8 3.2 4.8

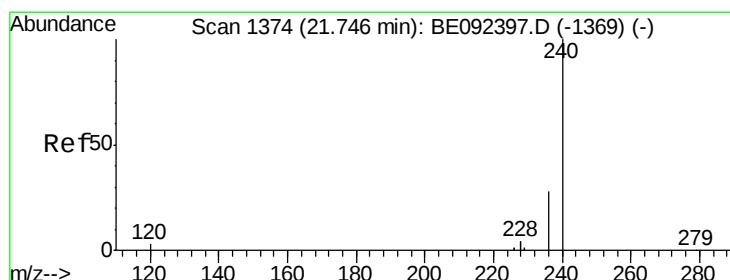
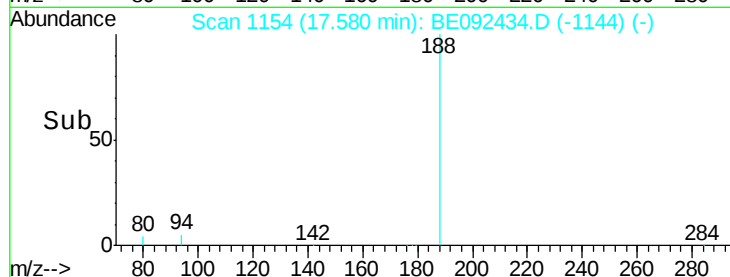
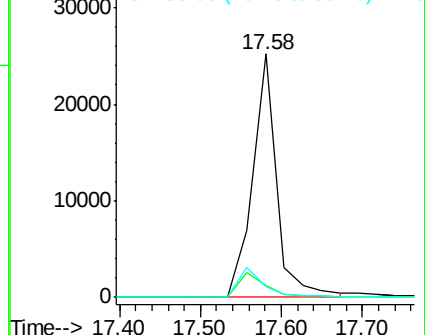
80 4.4 2.6 3.8#



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: BE092434.D

Acq: 30 Sep 2016 13:59

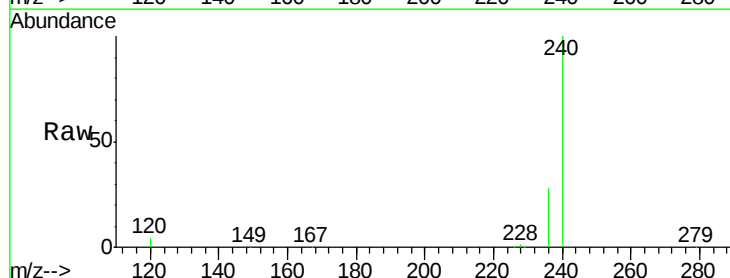
Tgt Ion:240 Resp: 75973

Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

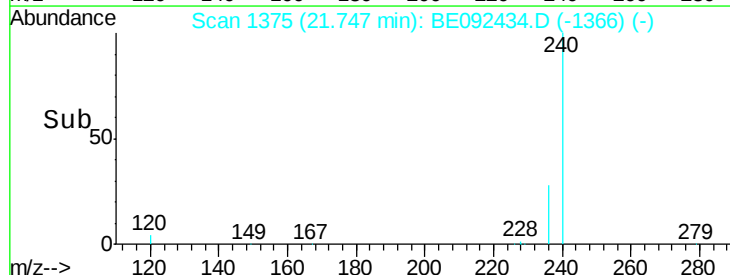
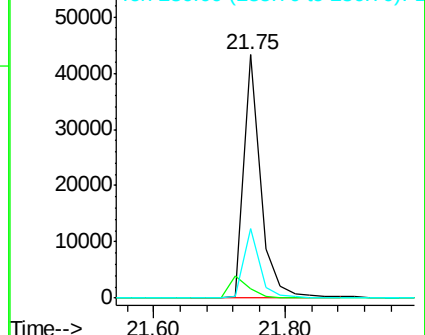
236 28.4 24.6 37.0

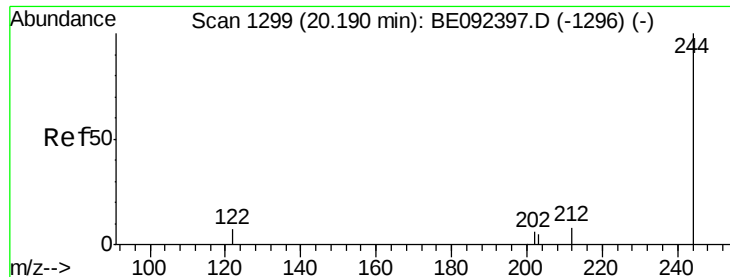


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

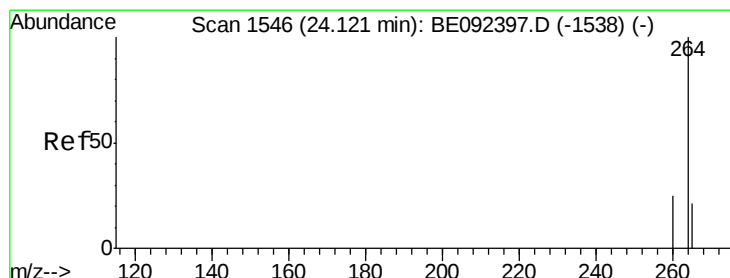
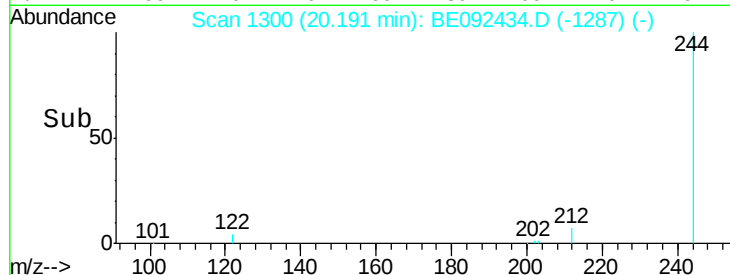
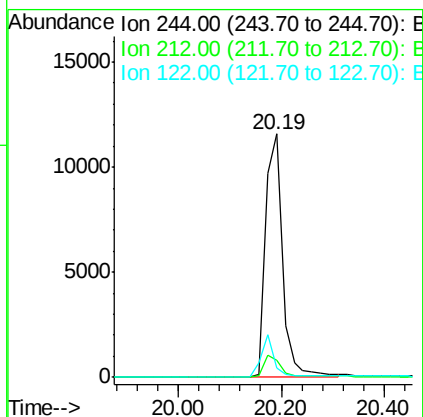
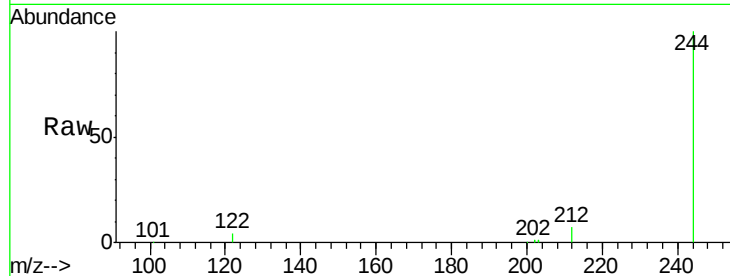




#26
 Terphenyl-d14
 Concen: 2.74 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092434.D
 Acq: 30 Sep 2016 13:59

Instrument :
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Tgt Ion: 244 Resp: 25789
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.7 10.1
 122 4.1 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: BE092434.D
 Acq: 30 Sep 2016 13:59

Tgt Ion: 264 Resp: 68899
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 22.2 17.9 26.9

