

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092246.D
 Acq On : 10 Aug 2016 9:52
 Operator : UM/SJ
 Sample : PB92747BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

Quant Time: Aug 10 18:43:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

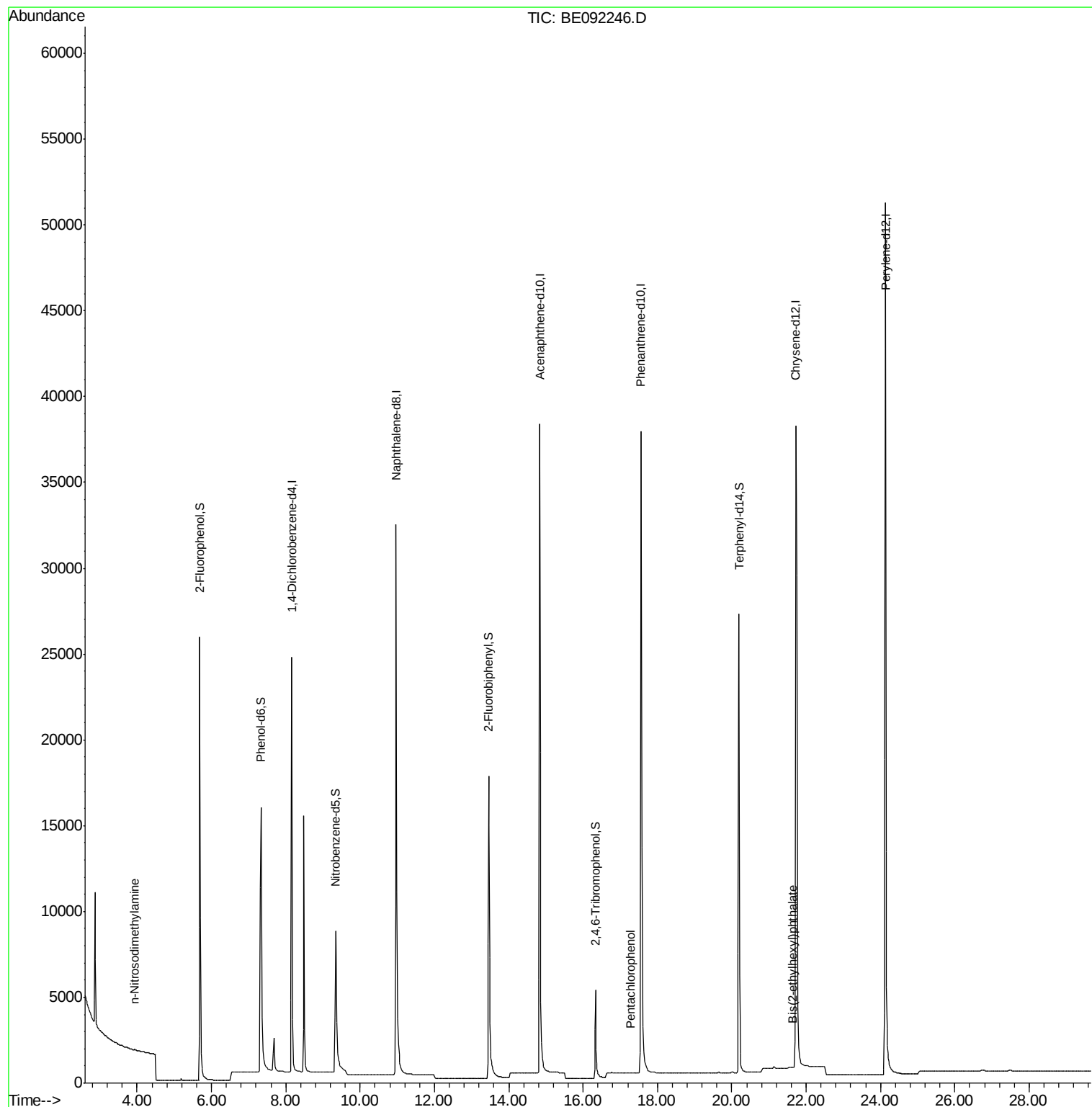
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13401	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	54638	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	27875	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	64334	5.00	ng	0.00
24) Chrysene-d12	21.73	240	69320	5.00	ng	-0.02
31) Perylene-d12	24.13	264	81872	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	21832	7.45	ng	-0.01
5) Phenol-d6	7.34	99	25563	6.06	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11573	3.00	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	4592	4.33	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	26415	3.07	ng	-0.01
26) Terphenyl-d14	20.19	244	34415	2.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.47	88	6	Below Cal	#	18
3) n-Nitrosodimethylamine	3.93	42	17	0.16 ng	#	6
20) Pentachlorophenol	17.28	266	3	0.17 ng	#	82
29) Bis(2-ethylhexyl)phthalate	21.64	149	73	0.24 ng	#	87

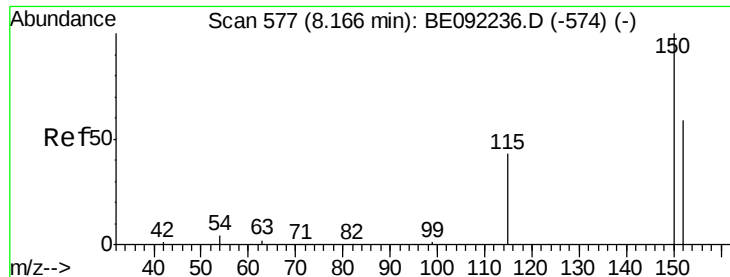
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

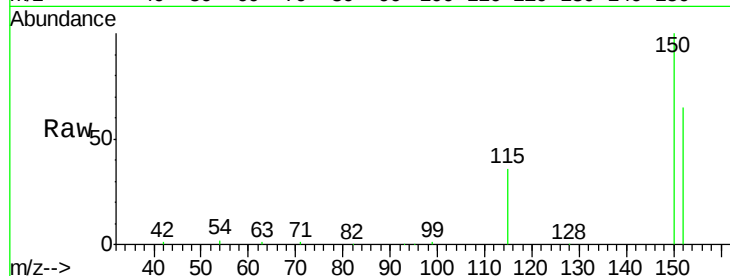
Tgt Ion:152 Resp: 13401

Ion Ratio Lower Upper

152 100

150 153.2 135.6 203.4

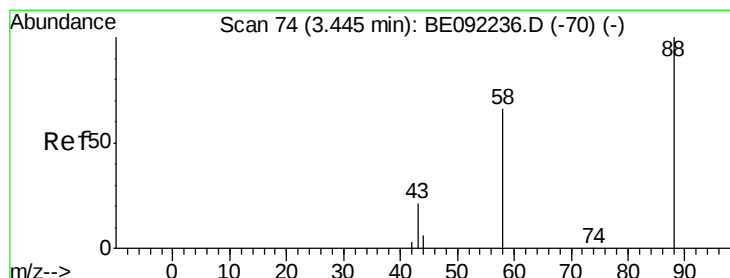
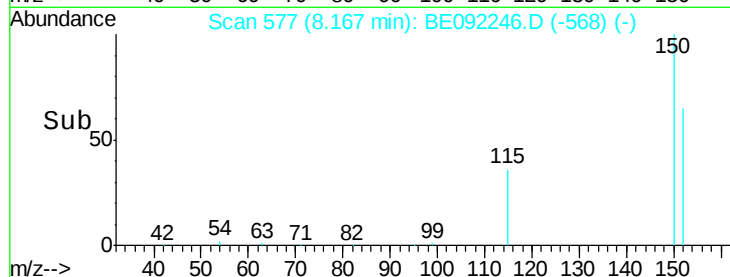
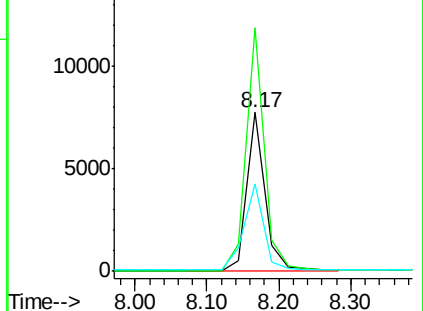
115 55.2 59.4 89.0#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.47 min Scan# 76

Delta R.T. 0.02 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

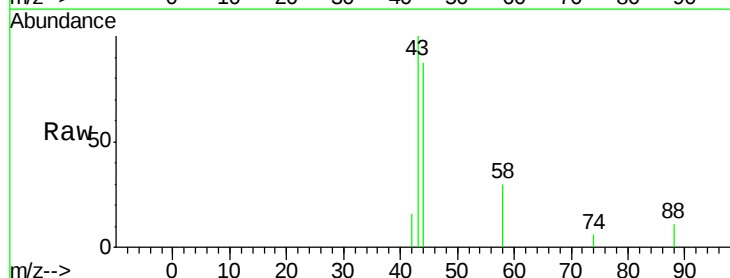
Tgt Ion: 88 Resp: 6

Ion Ratio Lower Upper

88 100

58 0.0 64.4 96.6#

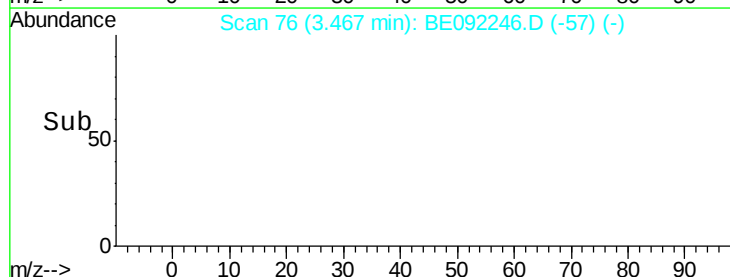
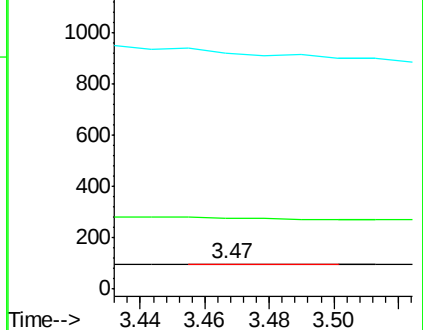
43 0.0 33.4 50.2#

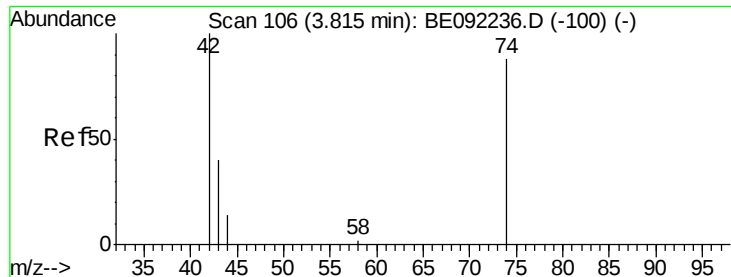


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.93 min Scan# 116

Delta R.T. 0.12 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

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ClientSampleId :

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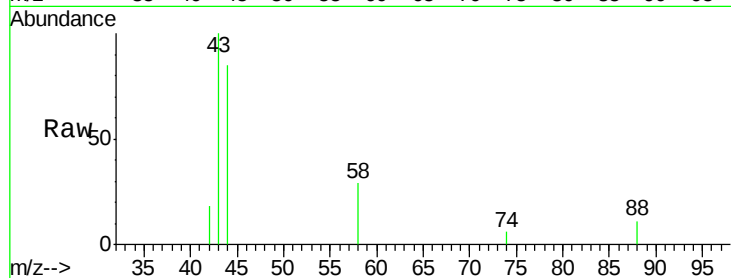
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

42 100

74 0.0 77.2 115.8#

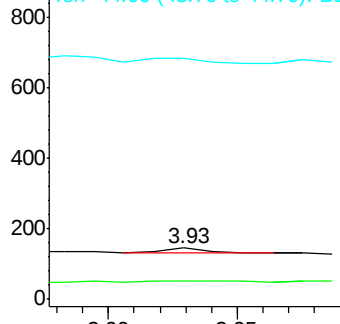
44 0.0 5.0 7.4#



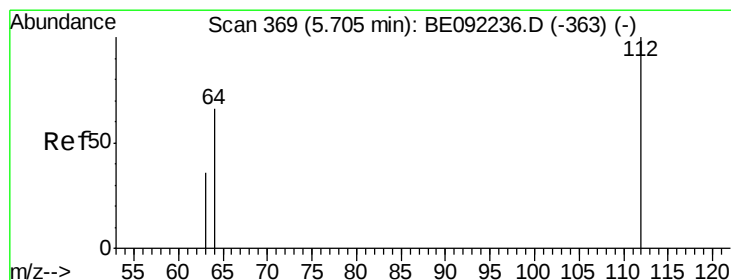
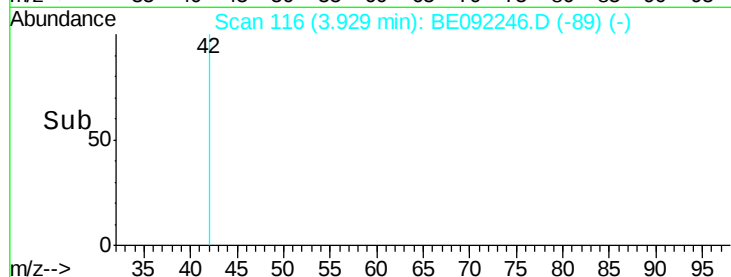
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 7.45 ng

RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

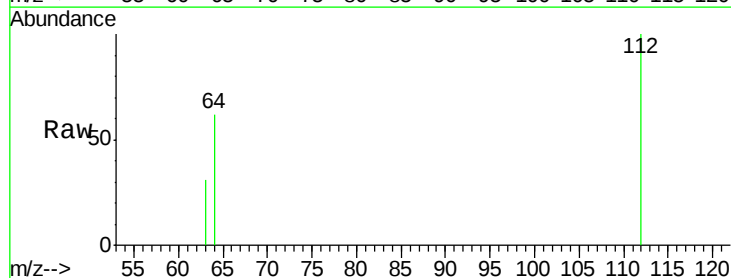
Tgt Ion: 112 Resp: 21832

Ion Ratio Lower Upper

112 100

64 67.1 53.2 79.8

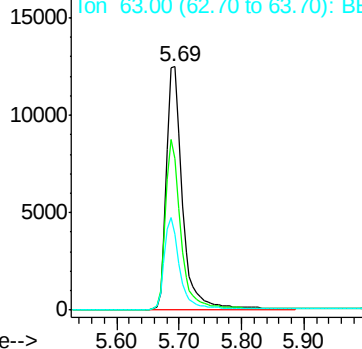
63 36.6 27.4 41.2



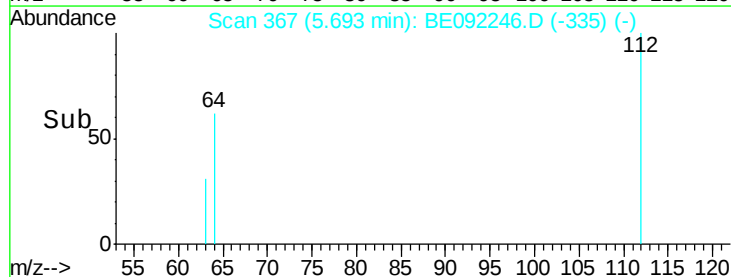
Abundance Ion 112.00 (111.70 to 112.70): E

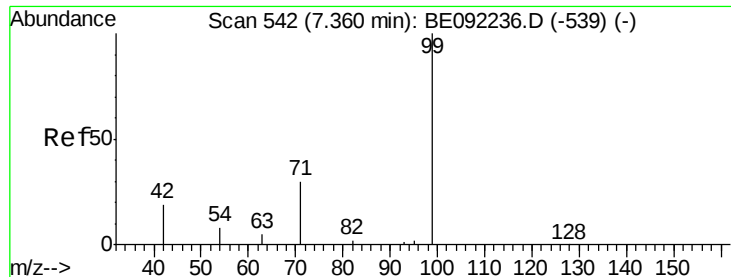
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 6.06 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

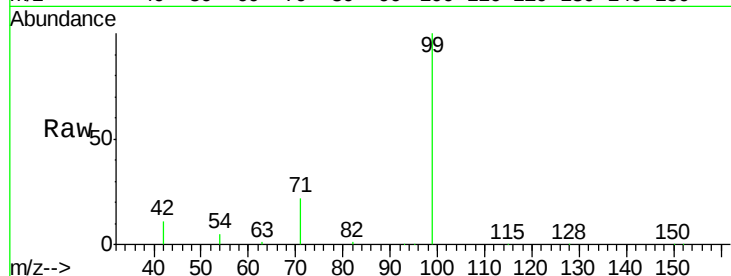
Tgt Ion: 99 Resp: 25563

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

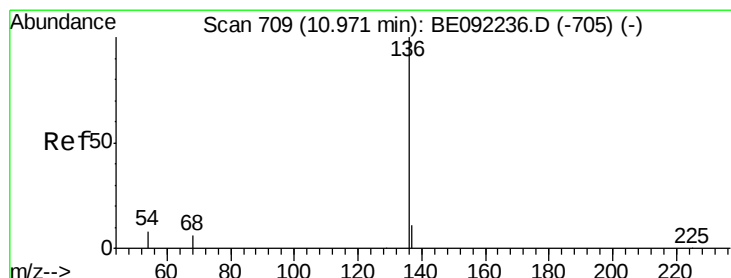
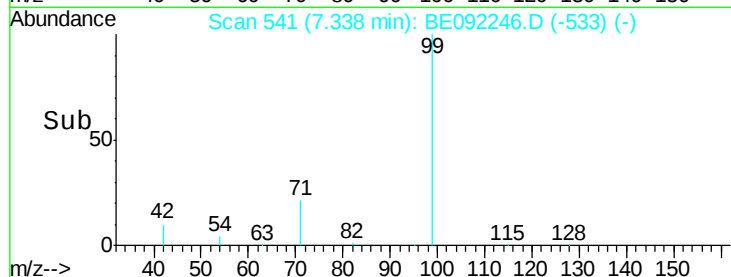
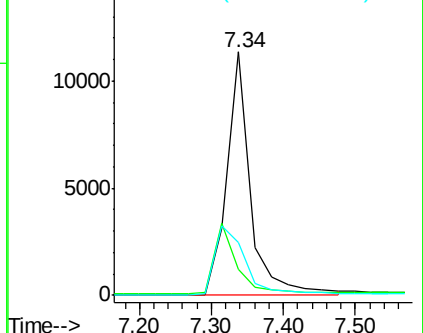
71 0.0 29.8 44.8#



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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Tgt Ion: 136 Resp: 54638

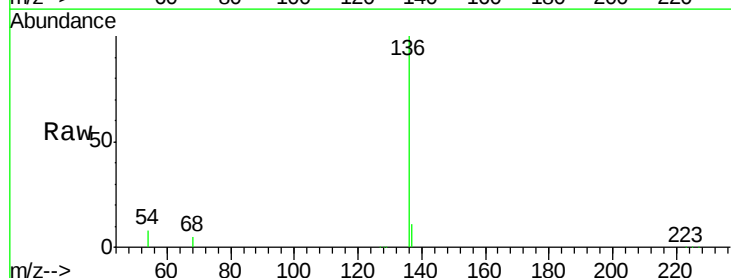
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.7 6.2 9.4

68 5.5 4.6 6.8

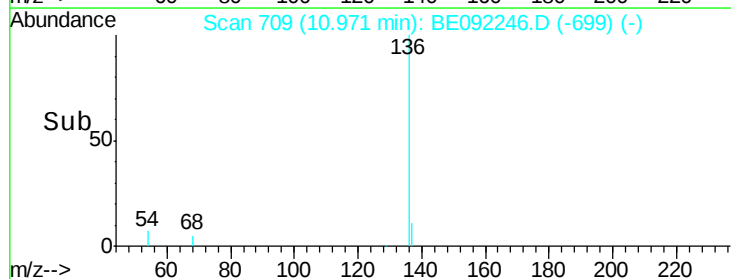
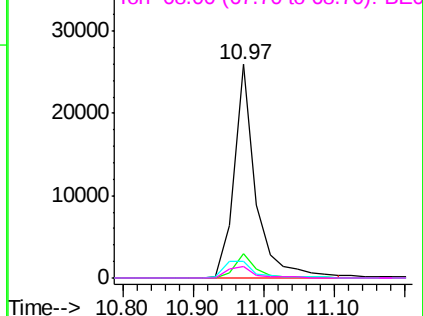


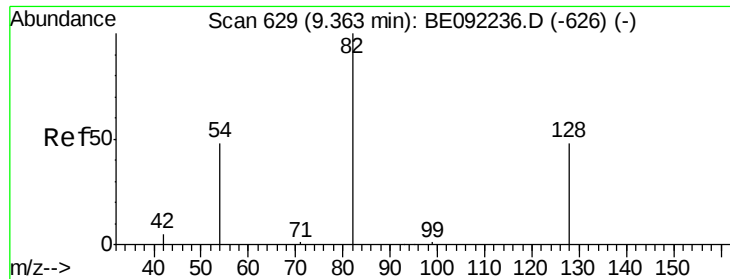
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.00 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

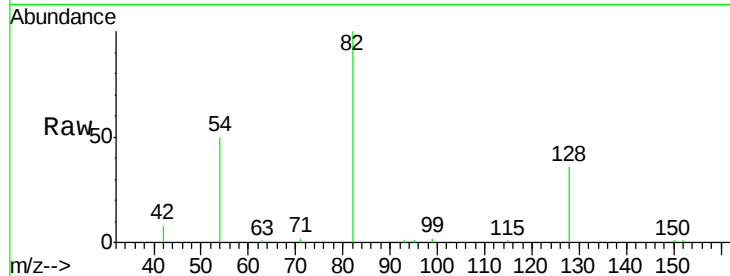
Tgt Ion: 82 Resp: 11573

Ion Ratio Lower Upper

82 100

128 36.1 45.0 67.4#

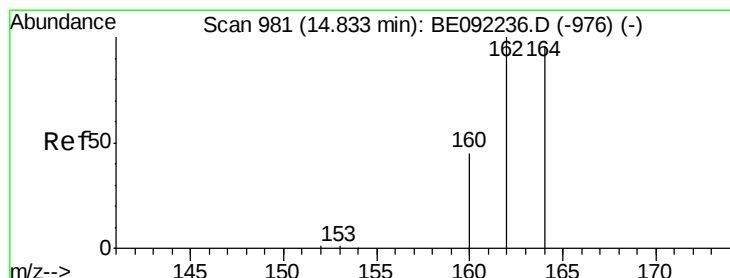
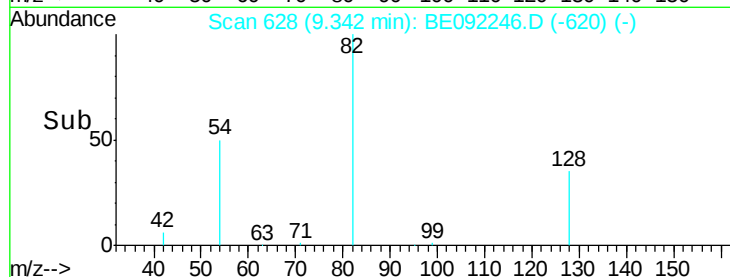
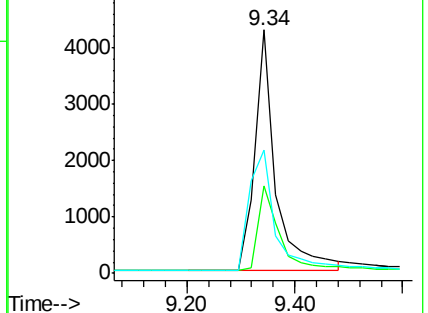
54 50.4 45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BE092236.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092236.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092236.D (-626) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

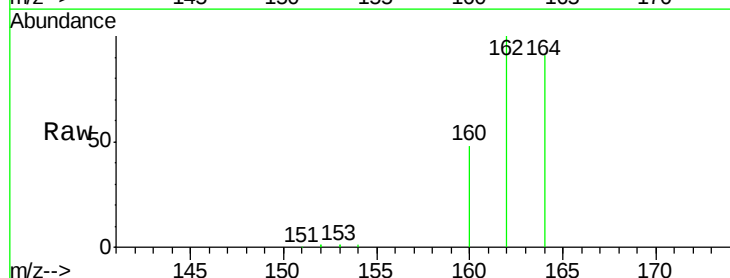
Tgt Ion: 164 Resp: 27875

Ion Ratio Lower Upper

164 100

162 109.7 83.3 124.9

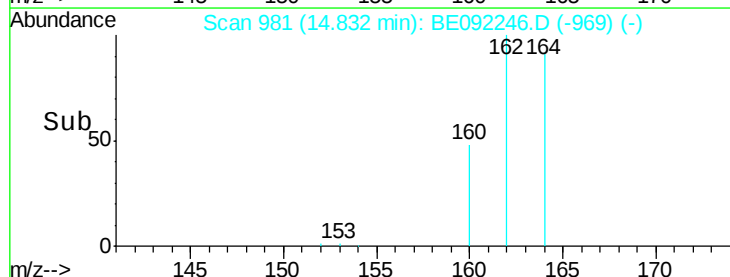
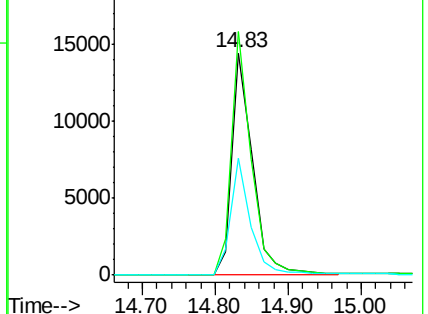
160 52.7 38.0 57.0

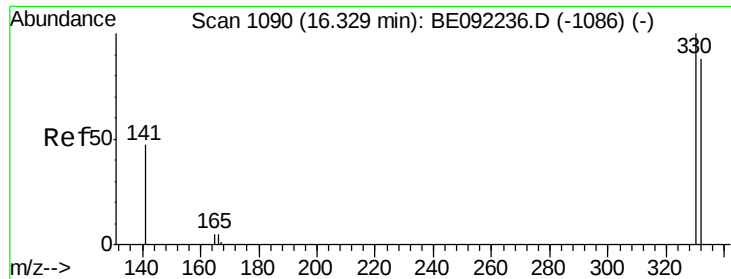


Abundance Ion 164.00 (163.70 to 164.70): BE092236.D (-976) (-)

Ion 162.00 (161.70 to 162.70): BE092236.D (-976) (-)

Ion 160.00 (159.70 to 160.70): BE092236.D (-976) (-)

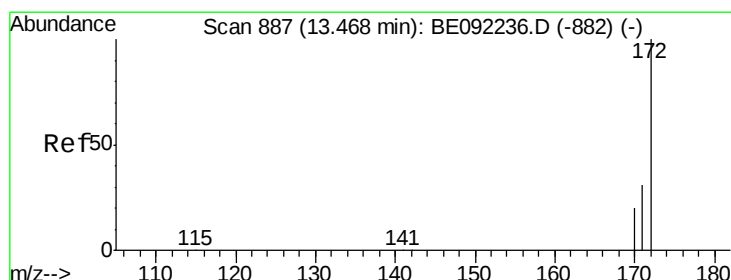
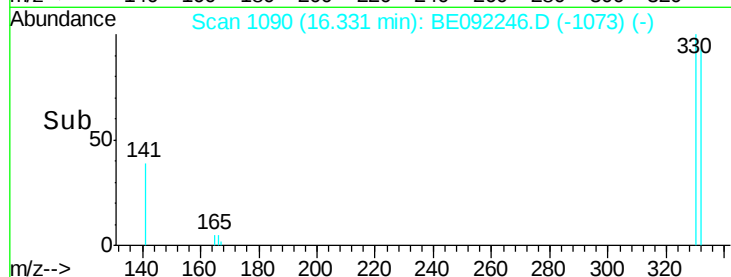
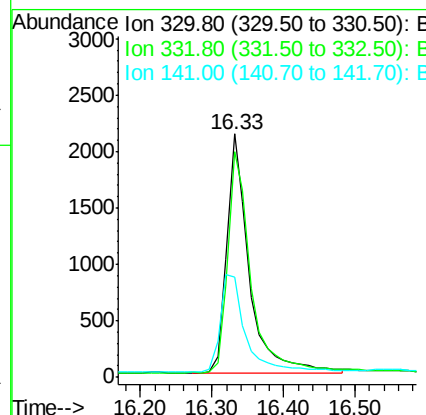
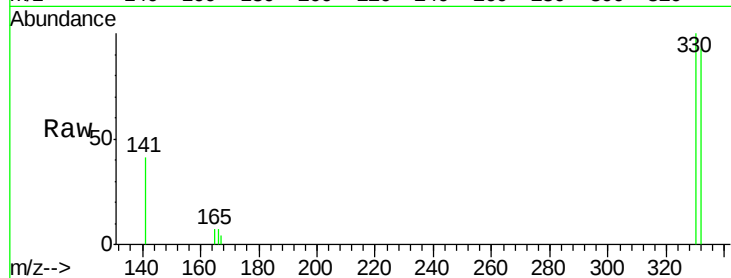




#13
 2,4,6-Tribromophenol
 Concen: 4.33 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

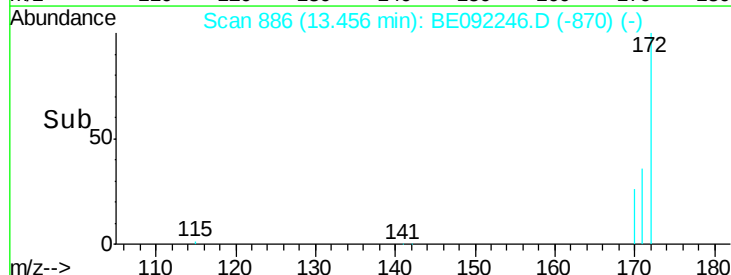
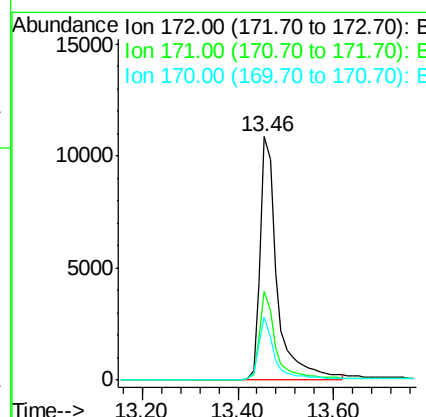
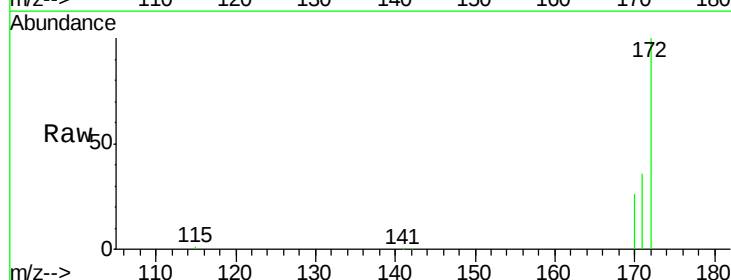
Instrument :
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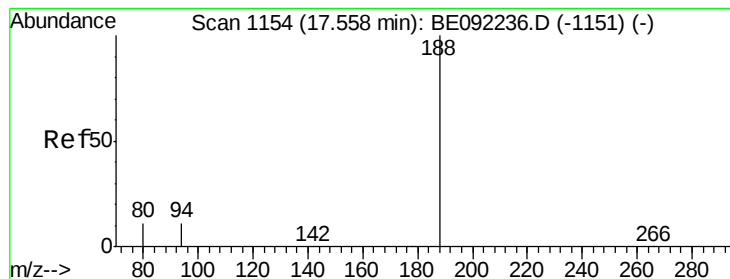
Tgt Ion: 330 Resp: 4592
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 45.8 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Tgt Ion: 172 Resp: 26415
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.8 40.2
 170 26.2 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

Instrument :

BNA_E

ClientSampleId :

PB92747BL

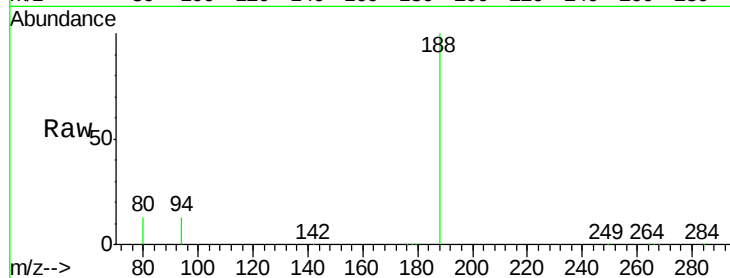
Tgt Ion:188 Resp: 64334

Ion Ratio Lower Upper

188 100

94 12.6 9.2 13.8

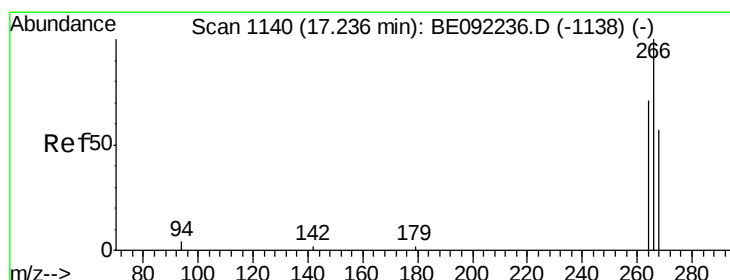
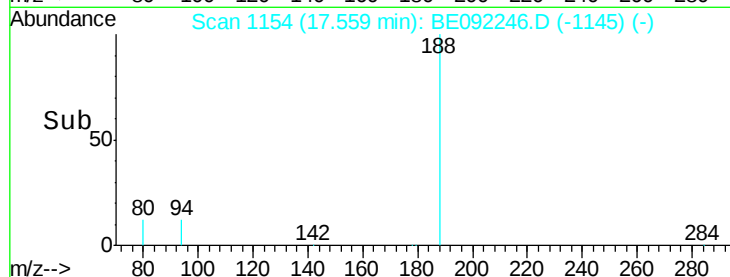
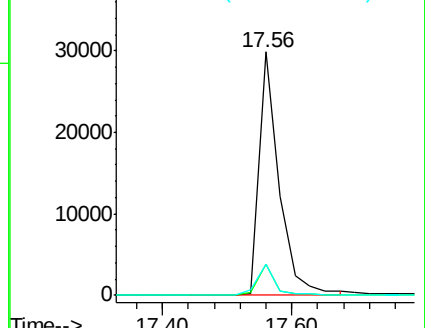
80 12.7 9.1 13.7



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



#20

Pentachlorophenol

Concen: 0.17 ng

RT: 17.28 min Scan# 1142

Delta R.T. 0.05 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

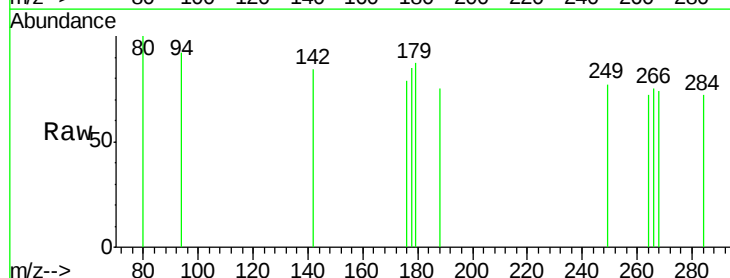
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

268 97.8 62.3 93.5#

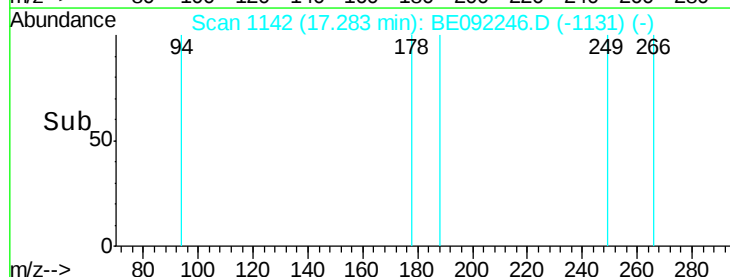
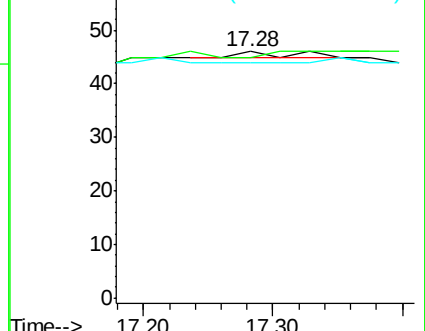
264 95.7 67.4 101.0

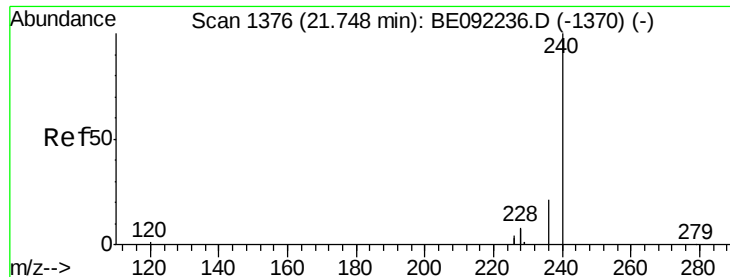


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

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ClientSampleId :

PB92747BL

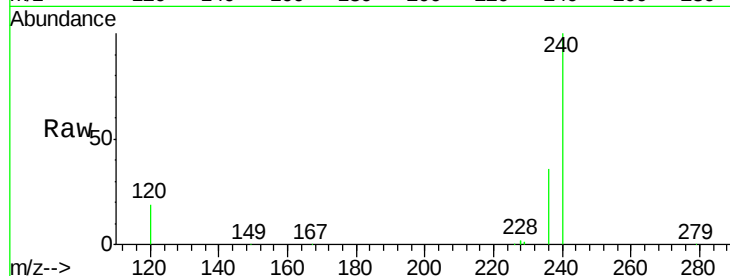
Tgt Ion:240 Resp: 69320

Ion Ratio Lower Upper

240 100

120 18.7 1.2 1.8#

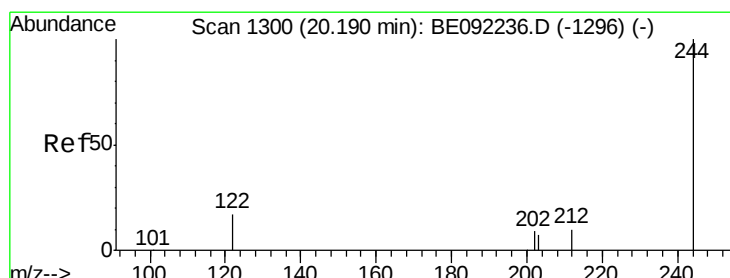
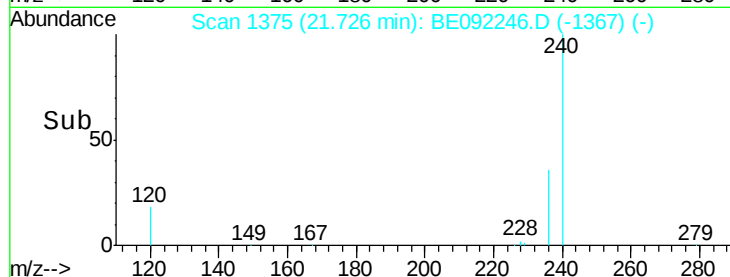
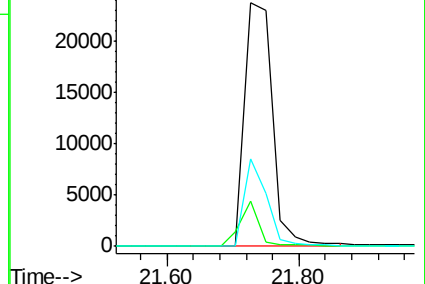
236 36.0 17.1 25.7#



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: 2.94 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092246.D

Acq: 10 Aug 2016 9:52

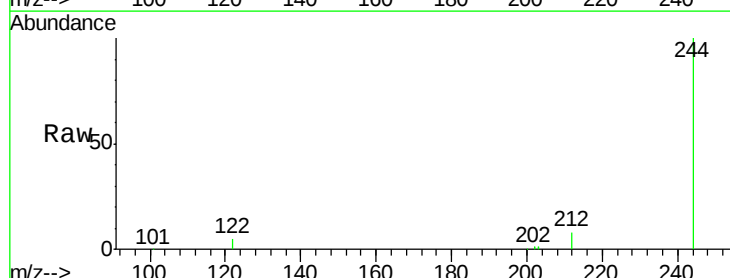
Tgt Ion:244 Resp: 34415

Ion Ratio Lower Upper

244 100

212 8.1 10.2 15.2#

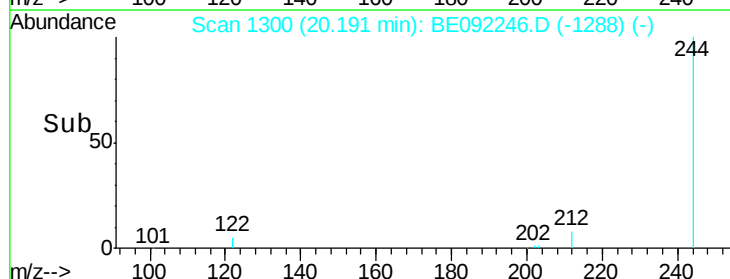
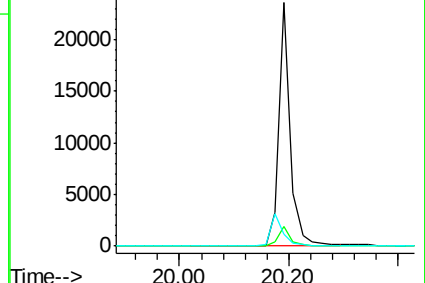
122 4.8 15.9 23.9#

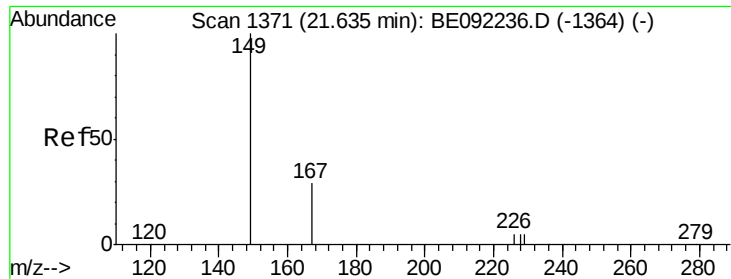


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

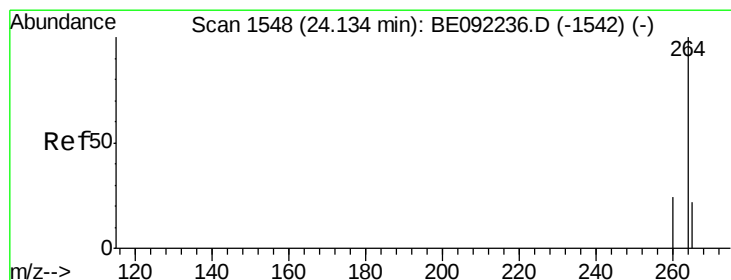
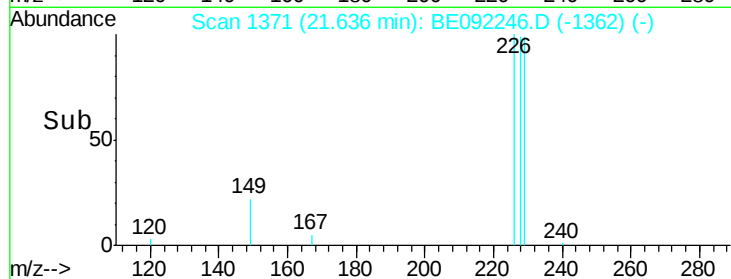
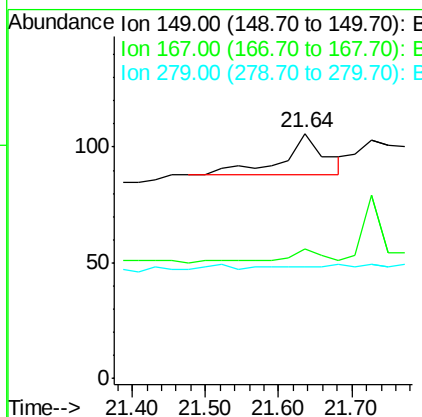
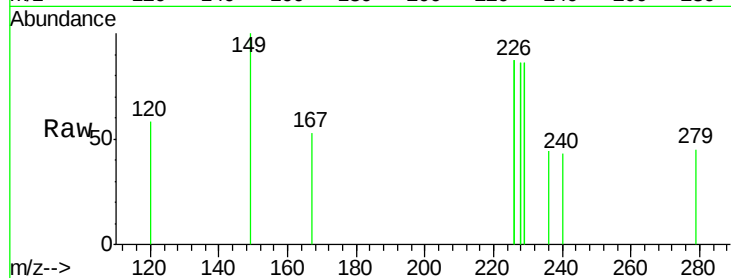




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.64 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Instrument :
 BNA_E
 ClientSampleId :
 PB92747BL

Tgt Ion:149 Resp: 73
 Ion Ratio Lower Upper
 149 100
 167 20.5 22.1 33.1#
 279 0.0 0.0 0.0



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092246.D
 Acq: 10 Aug 2016 9:52

Tgt Ion:264 Resp: 81872
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.2 18.2 27.4

