

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
 Data File : BE090636.D
 Acq On : 26 Aug 2015 13:48
 Operator : UM/IZ
 Sample : PB85188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85188BL

Quant Time: Aug 26 23:48:52 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 26 23:44:39 2015
 Response via : Initial Calibration

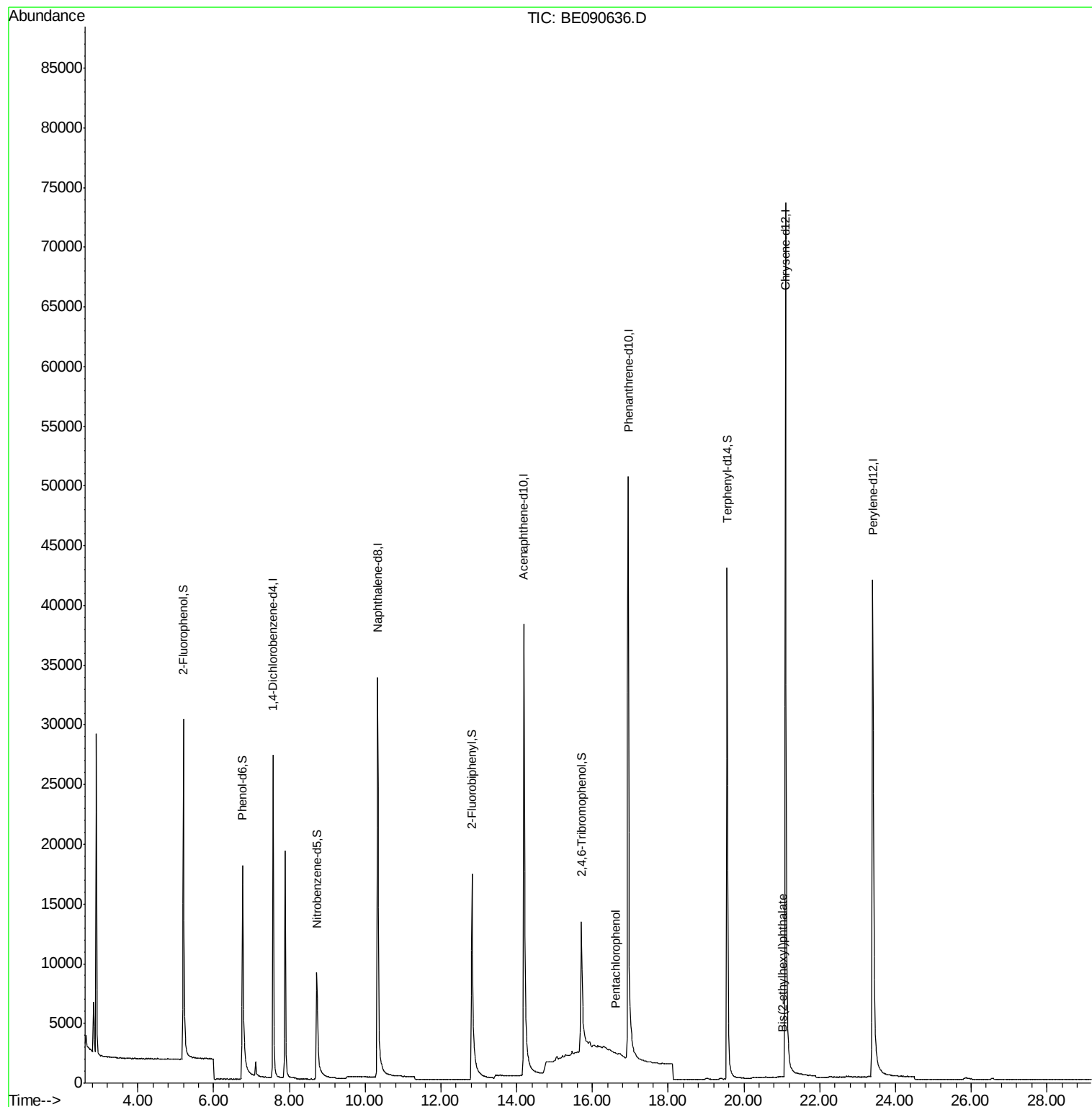
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	14431	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	61163	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	34541	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	96967	5.00	ng	0.00
25) Chrysene-d12	21.10	240	101546	5.00	ng	0.00
32) Perylene-d12	23.41	264	85311	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	25367	6.08	ng	0.00
5) Phenol-d6	6.76	99	32237	5.26	ng	0.00
7) Nitrobenzene-d5	8.73	82	15497	3.18	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	8693	6.54	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	32965	3.20	ng	0.00
27) Terphenyl-d14	19.56	244	66793	3.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.17	88	23	Below Cal	#	18
21) Pentachlorophenol	16.61	266	6	0.30 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.03	149	42	0.14 ng	#	97

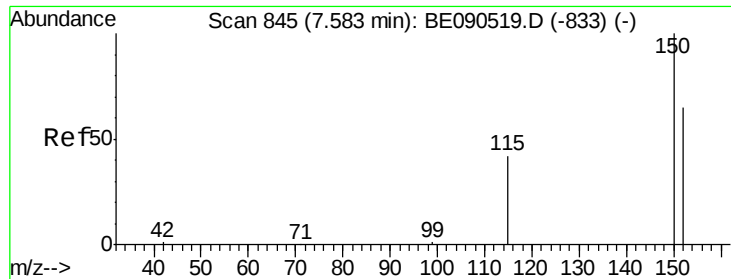
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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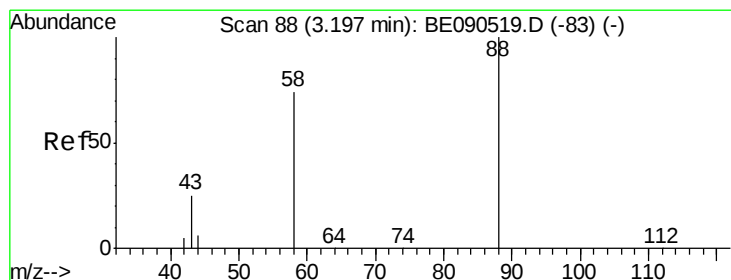
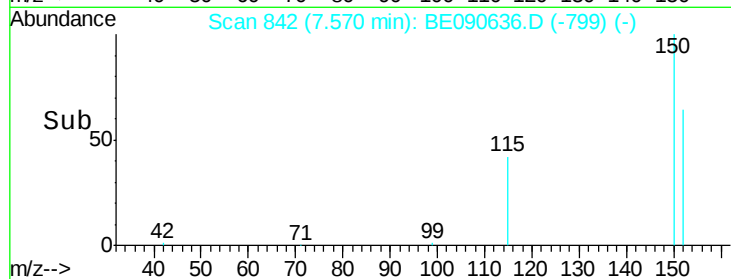
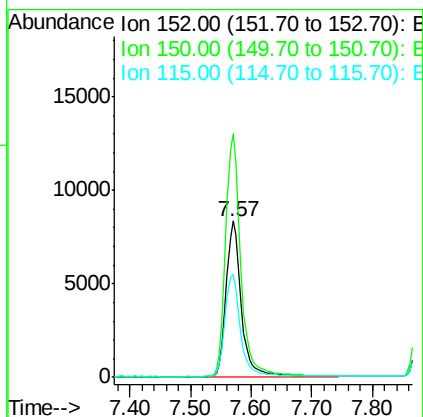
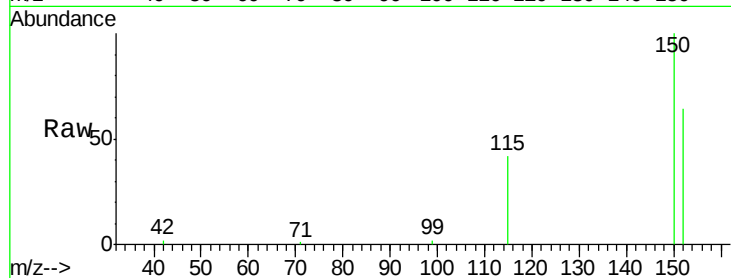




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.57 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

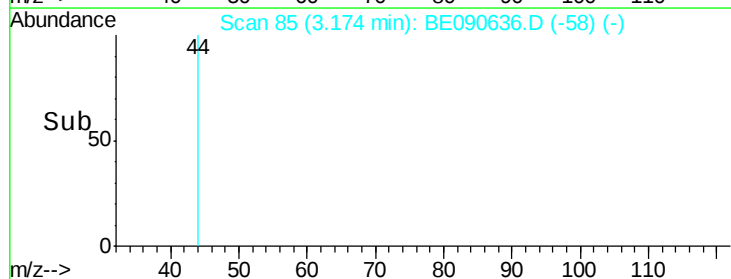
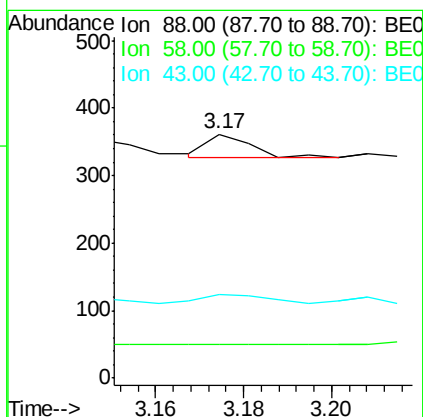
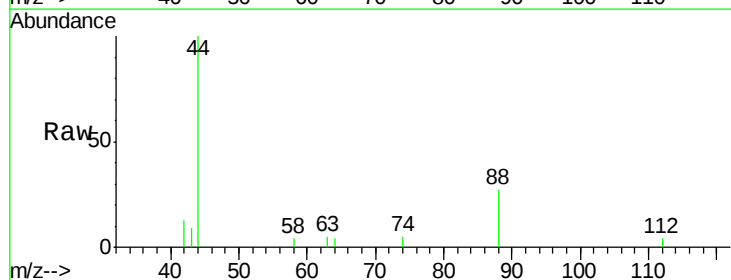
Instrument :
 BNA_E
 ClientSampleId :
 PB85188BL

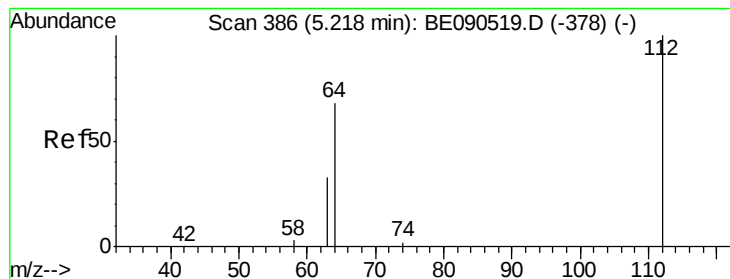
Tgt Ion: 152 Resp: 14431
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 66.3 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.17 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 58 0.0 70.0 105.0#
 43 65.2 28.4 42.6#





#4

2-Fluorophenol

Concen: 6.08 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

Instrument :

BNA_E

ClientSampleId :

PB85188BL

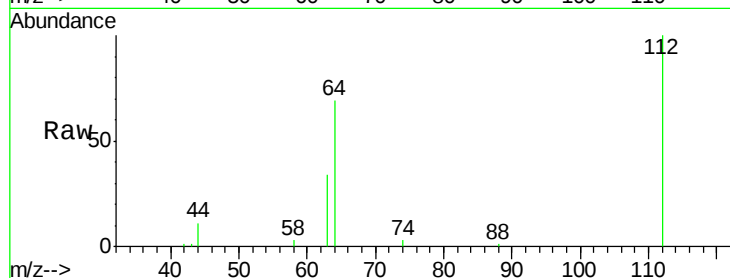
Tgt Ion: 112 Resp: 25367

Ion Ratio Lower Upper

112 100

64 70.5 37.1 55.7#

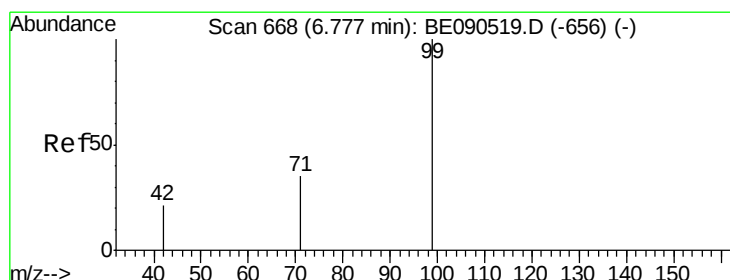
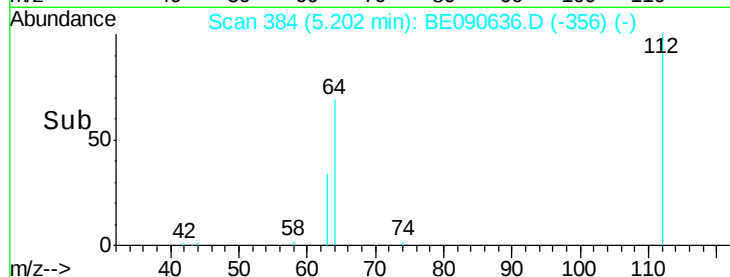
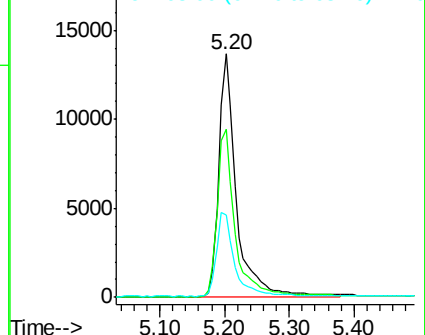
63 36.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 5.26 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

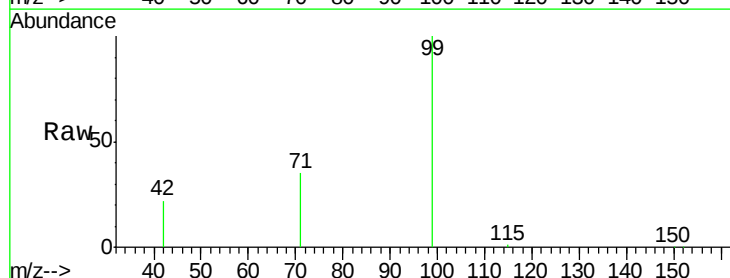
Tgt Ion: 99 Resp: 32237

Ion Ratio Lower Upper

99 100

42 21.2 18.2 27.4

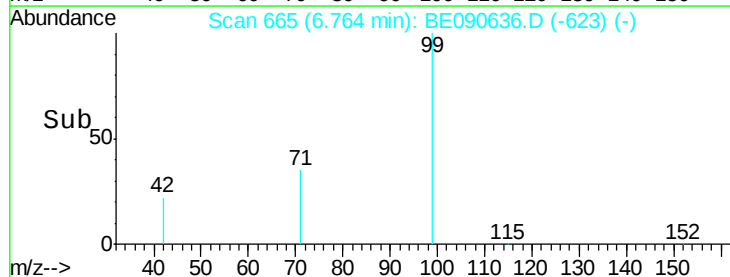
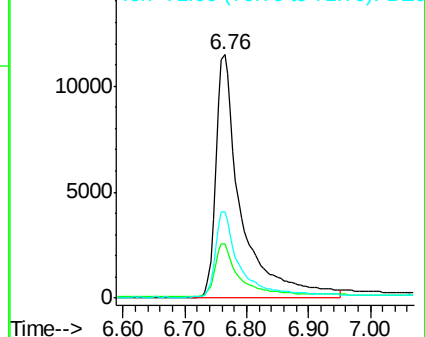
71 35.2 27.4 41.0

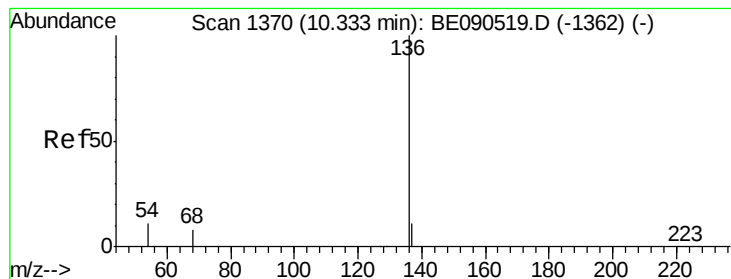


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

Instrument :

BNA_E

ClientSampleId :

PB85188BL

Tgt Ion:136 Resp: 61163

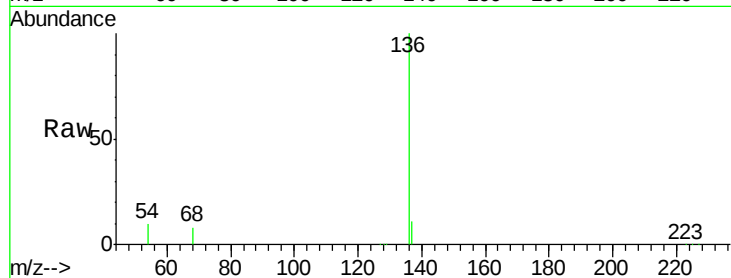
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.1 9.4 14.0

68 7.6 6.5 9.7

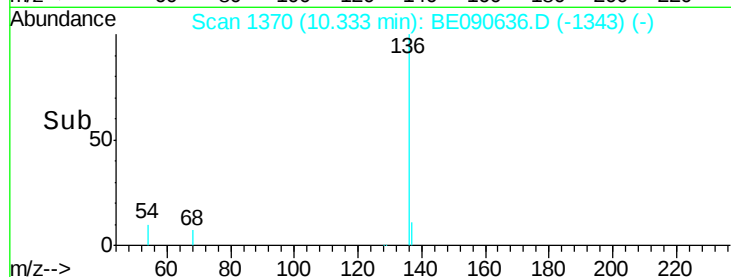


Abundance Ion 136.00 (135.70 to 136.70): E

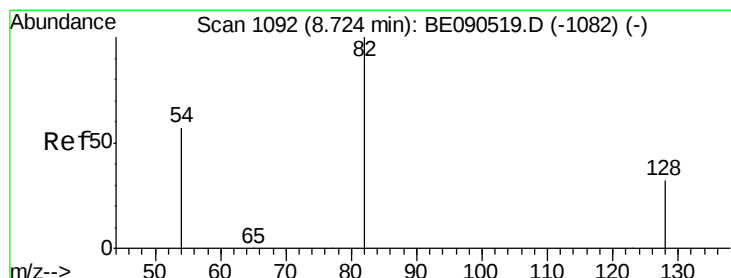
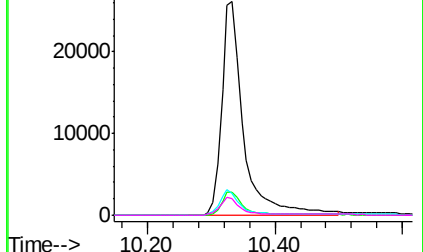
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#7

Nitrobenzene-d5

Concen: 3.18 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

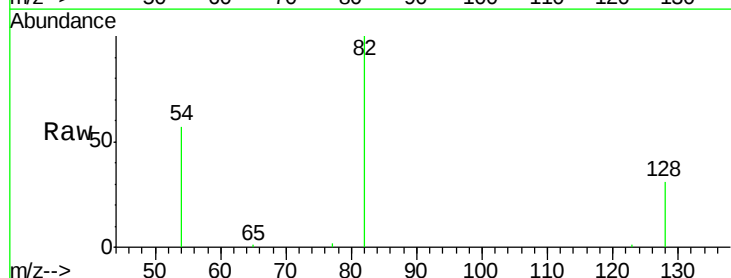
Tgt Ion: 82 Resp: 15497

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.6

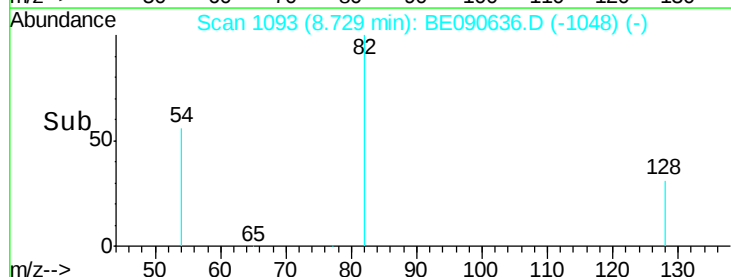
54 56.5 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

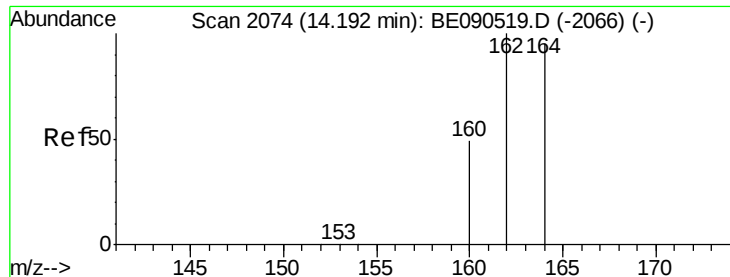
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

Instrument :

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PB85188BL

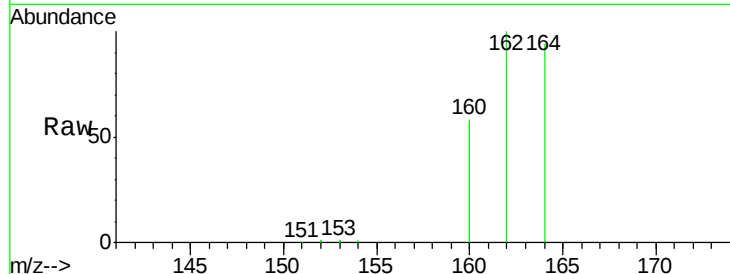
Tgt Ion:164 Resp: 34541

Ion Ratio Lower Upper

164 100

162 106.1 81.8 122.8

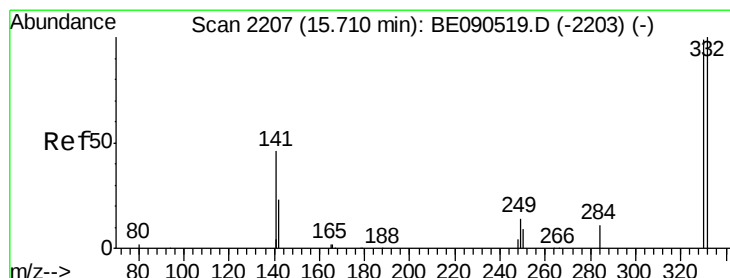
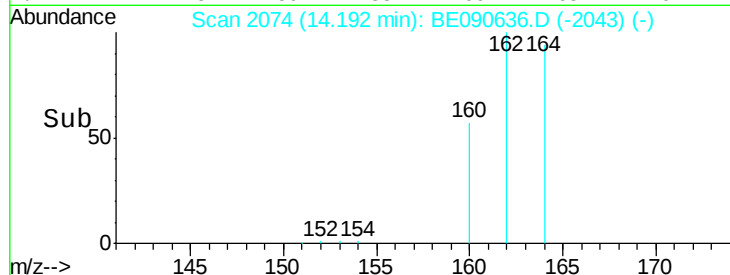
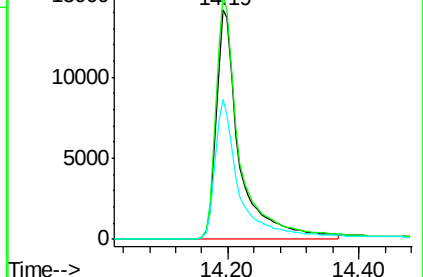
160 61.1 44.2 66.4



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: 6.54 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

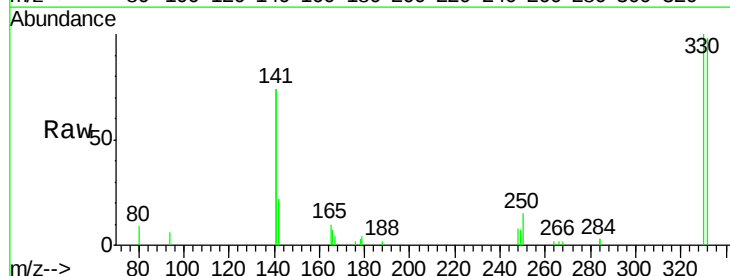
Tgt Ion:330 Resp: 8693

Ion Ratio Lower Upper

330 100

332 97.6 75.8 113.6

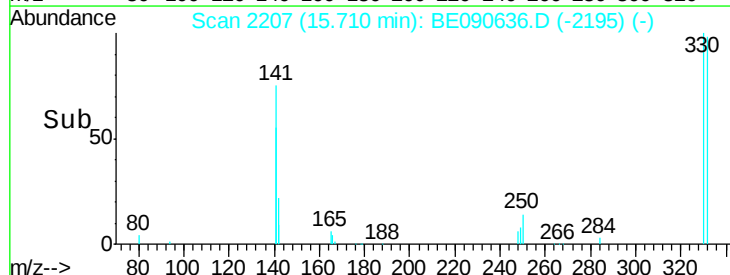
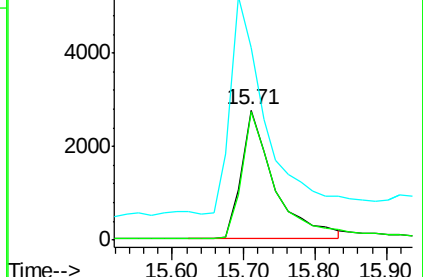
141 185.3 114.4 171.6#

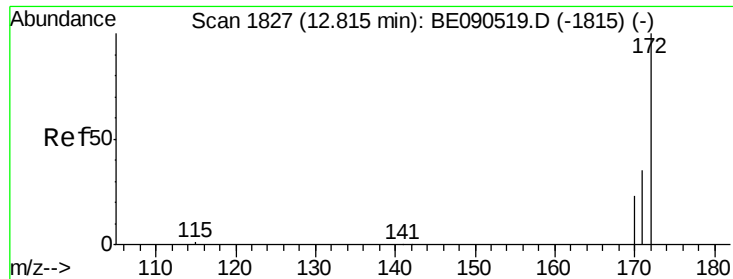


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

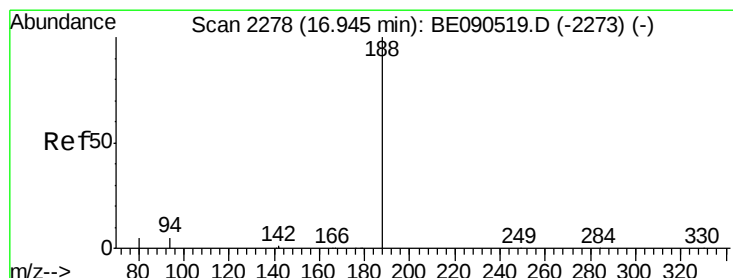
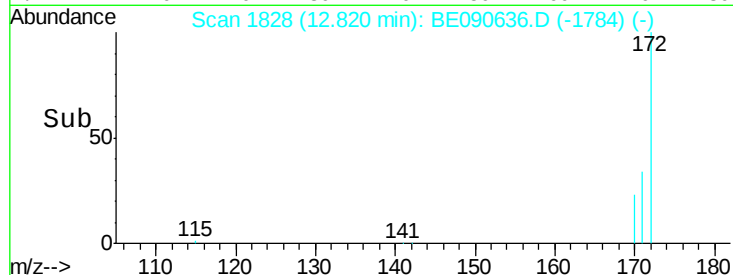
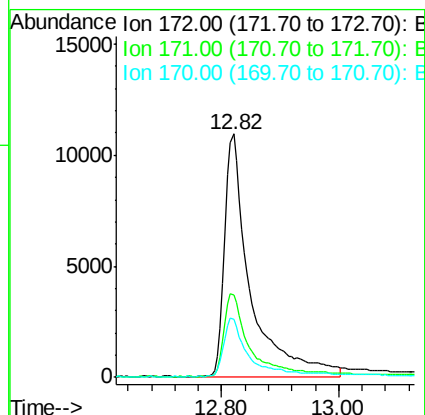
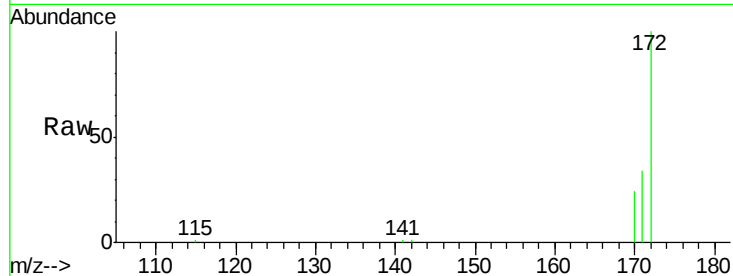




#14
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

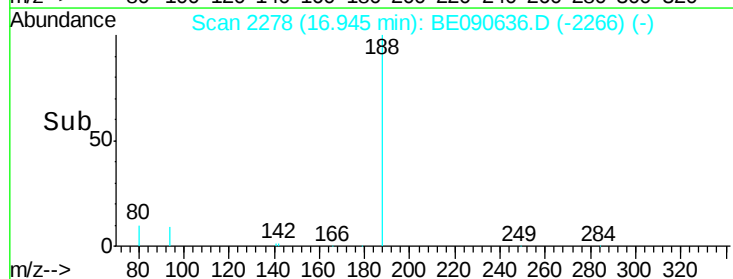
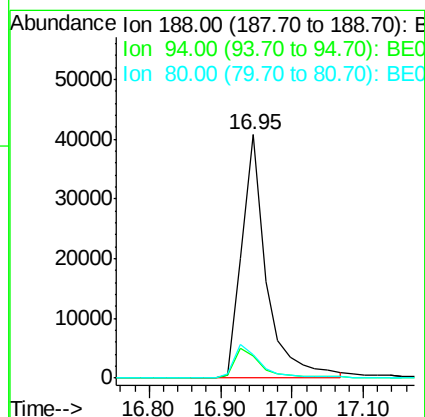
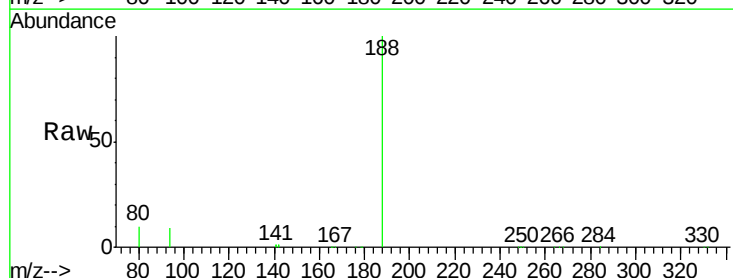
Instrument :
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ClientSampleId :
PB85188BL

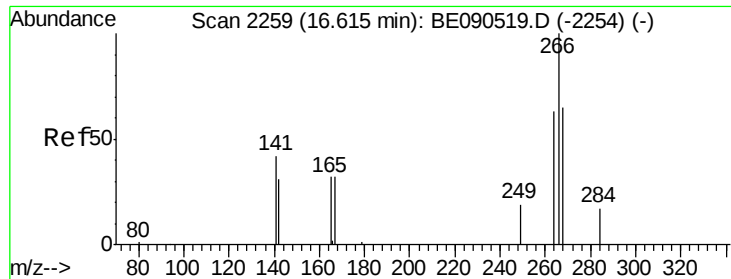
Tgt Ion:172 Resp: 32965
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 23.6 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:188 Resp: 96967
Ion Ratio Lower Upper
188 100
94 9.1 5.7 8.5#
80 9.8 5.8 8.8#

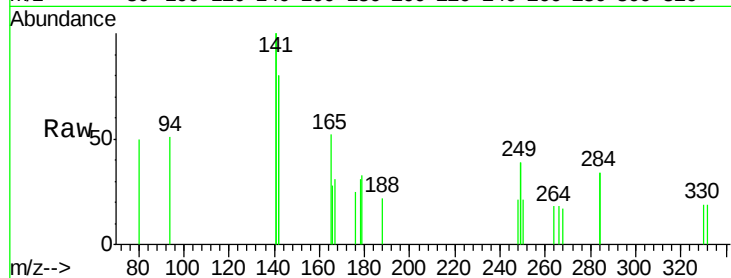




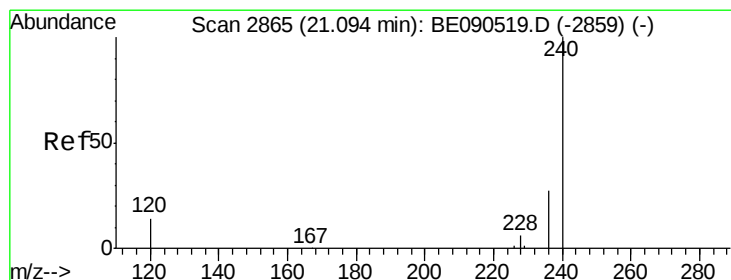
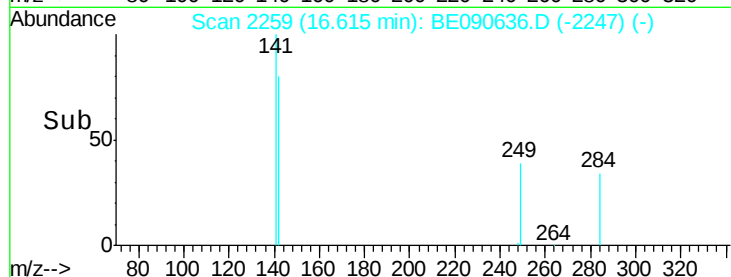
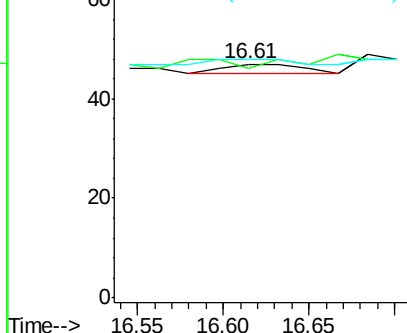
#21
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

Instrument :
 BNA_E
 ClientSampleId :
 PB85188BL

Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 97.9 58.5 87.7#
 264 102.1 56.0 84.0#

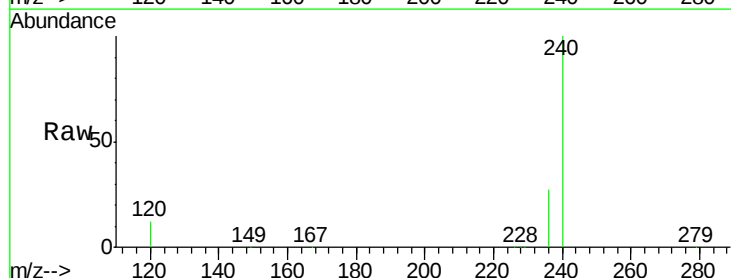


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

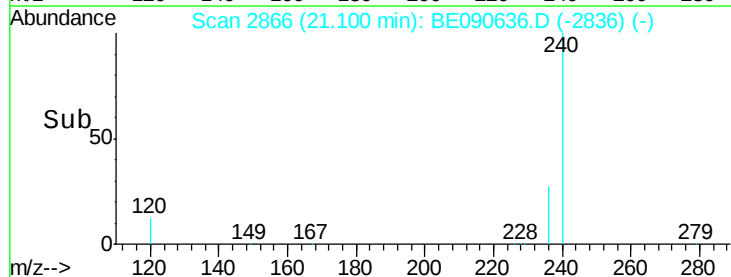
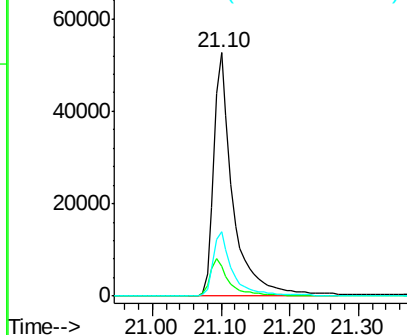


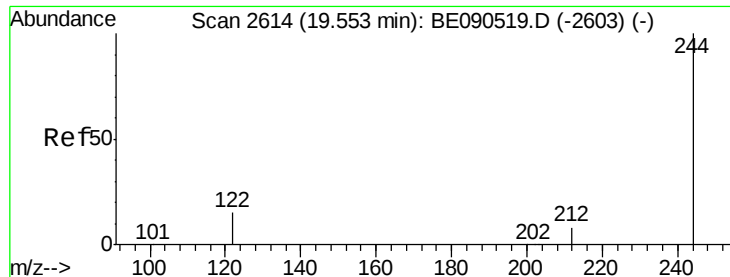
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.01 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

Tgt Ion: 240 Resp: 101546
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 26.6 21.0 31.4



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

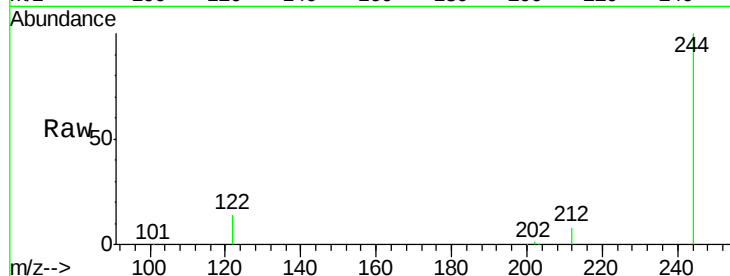




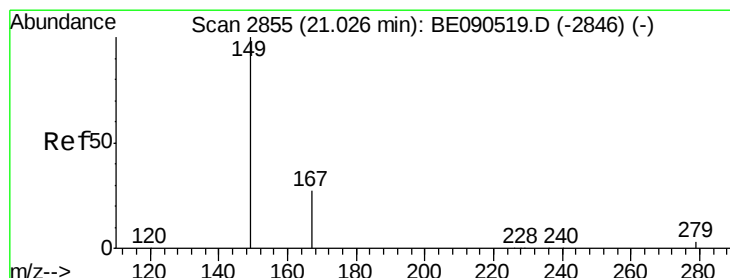
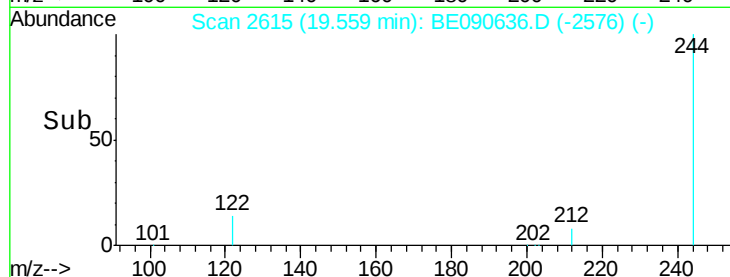
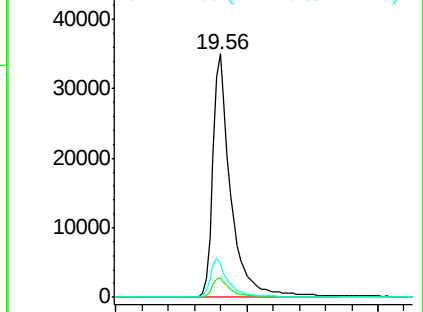
#27
 Terphenyl-d14
 Concen: 3.60 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. 0.00 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

Instrument :
 BNA_E
 ClientSampleId :
 PB85188BL

Tgt Ion: 244 Resp: 66793
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 14.1 10.2 15.4

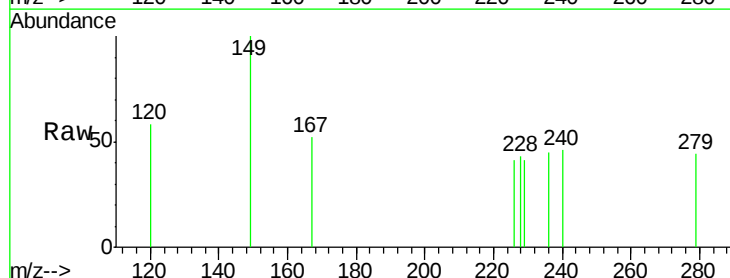


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

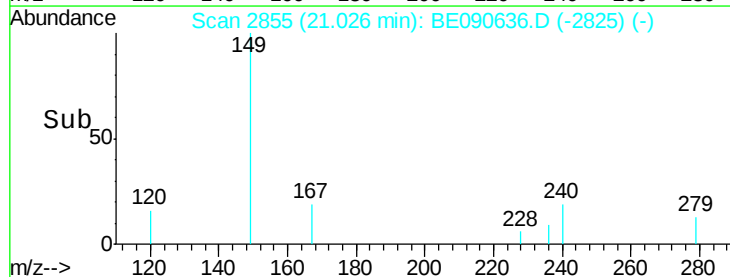
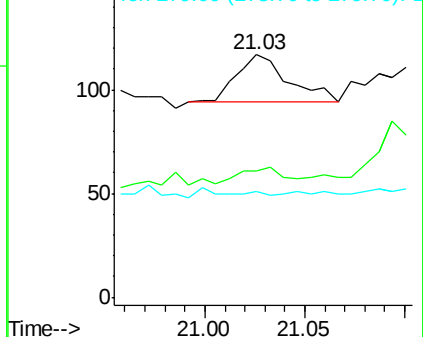


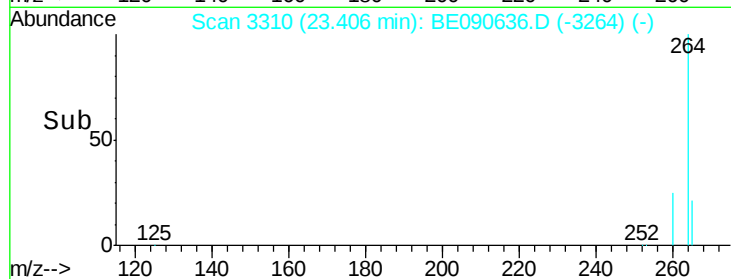
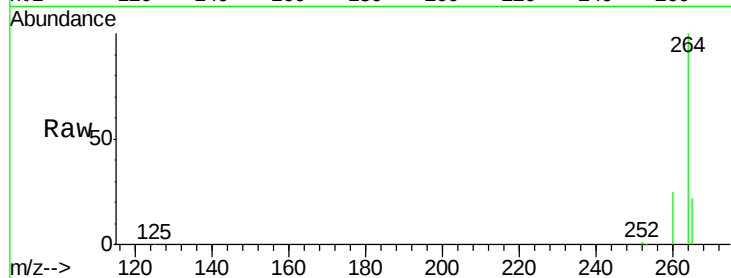
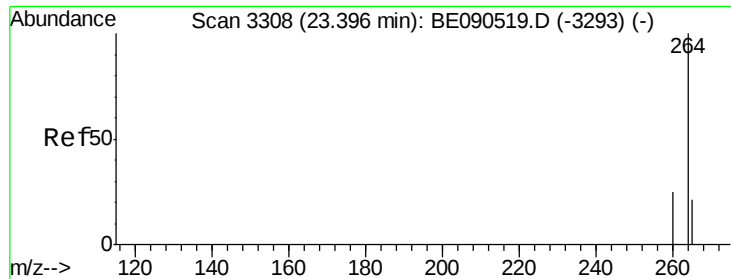
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.03 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BE090636.D
 Acq: 26 Aug 2015 13:48

Tgt Ion: 149 Resp: 42
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.8 29.8
 279 0.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.41 min Scan# 3310

Delta R.T. 0.01 min

Lab File: BE090636.D

Acq: 26 Aug 2015 13:48

Instrument :

BNA_E

ClientSampleId :

PB85188BL

Tgt Ion: 264 Resp: 85311

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 21.8 17.2 25.8

