

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090659.D
 Acq On : 28 Aug 2015 17:05
 Operator : UM/IZ
 Sample : G3460-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:52:08 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

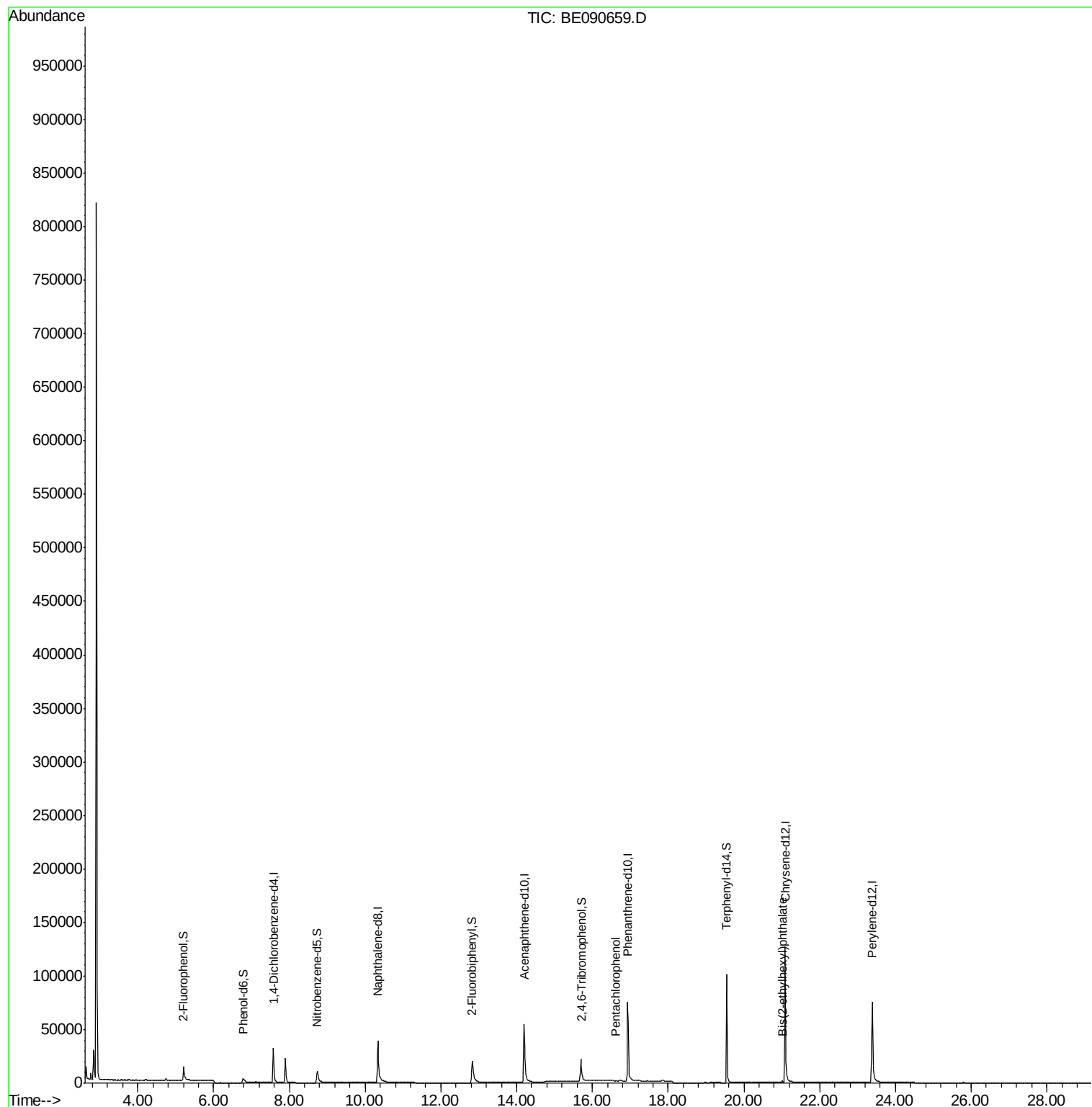
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19694	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	85055	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51396	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	133376	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	148197	5.00	ng	0.00
32) Perylene-d12	23.39	264	125518	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13917	2.44	ng	0.00
5) Phenol-d6	6.77	99	11225	1.34	ng	0.00
7) Nitrobenzene-d5	8.74	82	20925	3.09	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12768	6.46	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	46906	3.06	ng	0.01
27) Terphenyl-d14	19.55	244	110734	4.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	60	Below Cal	#	19
21) Pentachlorophenol	16.61	266	25	0.31 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.02	149	1658	0.21 ng		98

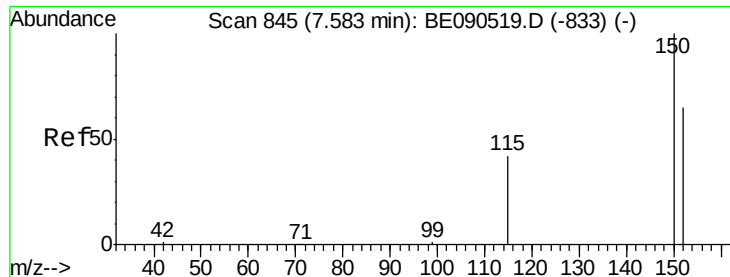
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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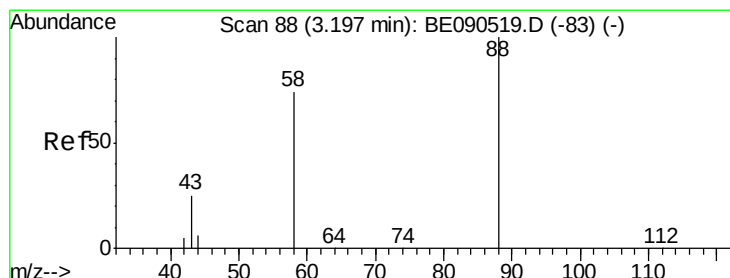
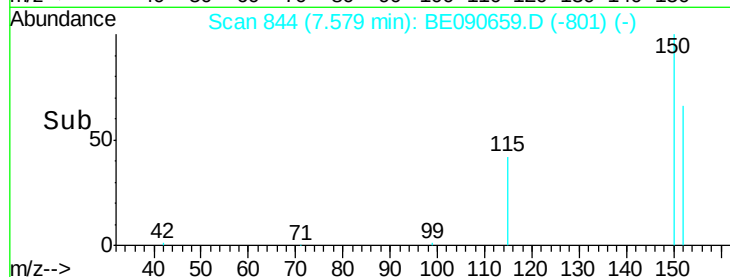
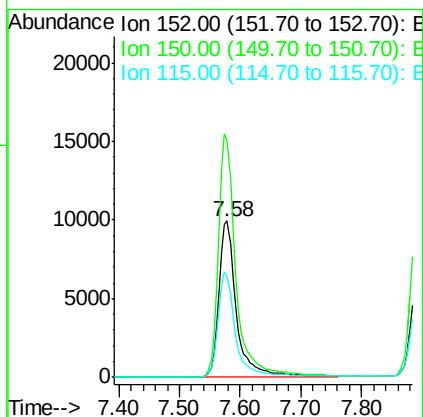
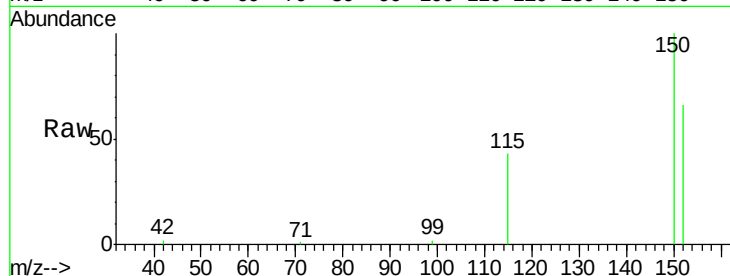


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090659.D
Acq: 28 Aug 2015 17:05

Instrument :
BNA_E
ClientSampled :

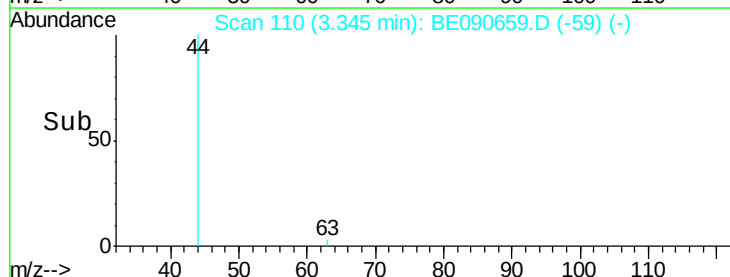
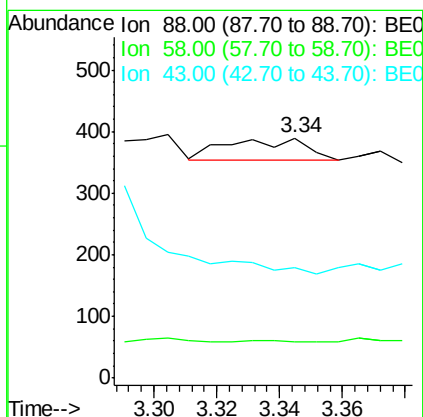
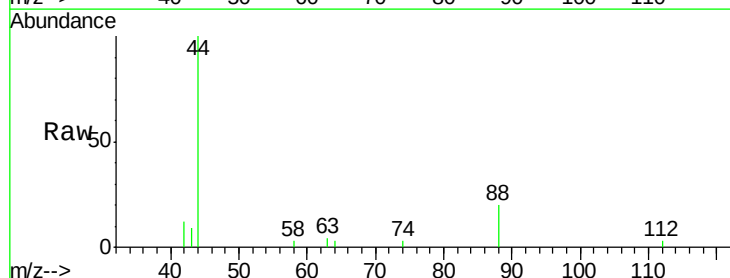
Tot Ion:152 Resp: 19694
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 64.8 48.9 73.3

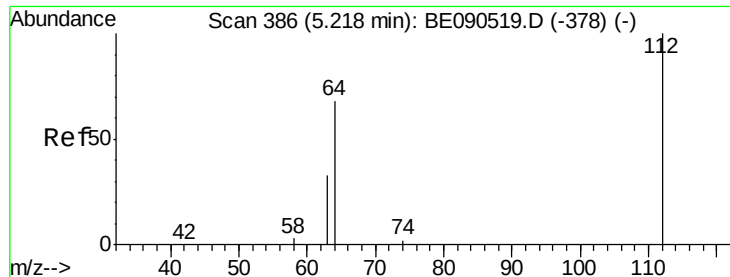


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.34 min Scan# 110
Delta R.T. 0.15 min
Lab File: BE090659.D
Acq: 28 Aug 2015 17:05

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
58 5.0 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.44 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

Instrument :

BNA_E

ClientSampled :

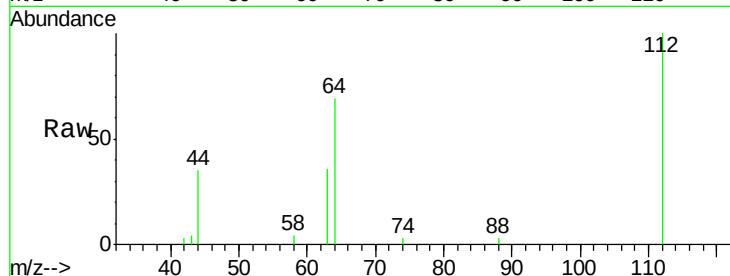
Tot Ion:112 Resp: 13917

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

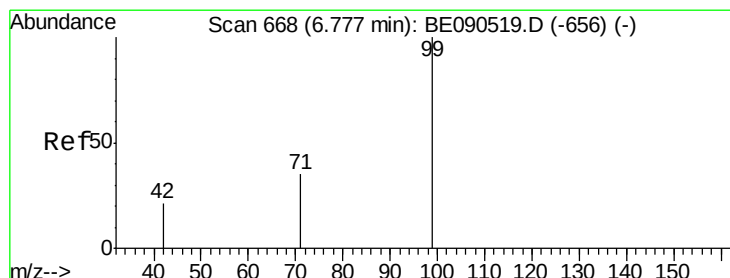
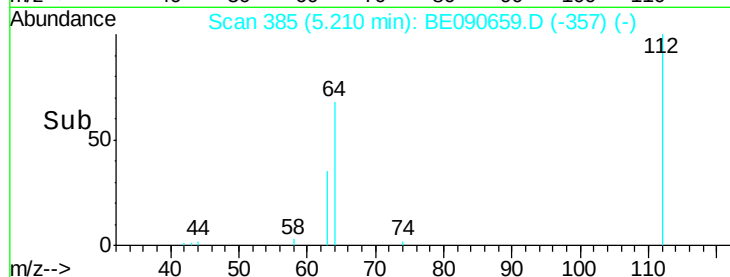
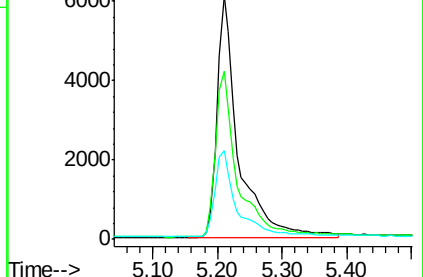
63 37.0 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.34 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

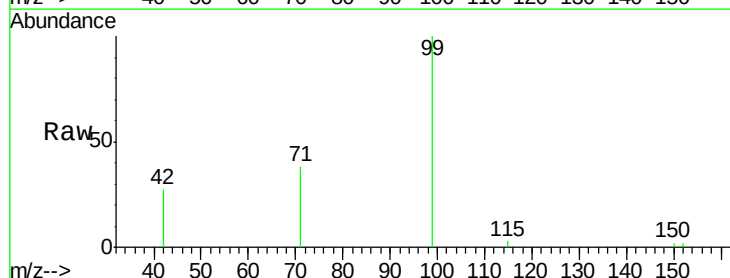
Tgt Ion: 99 Resp: 11225

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.4

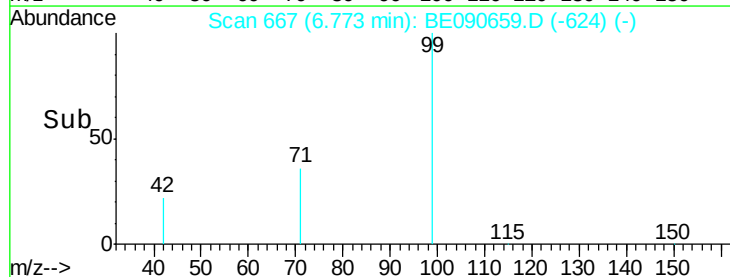
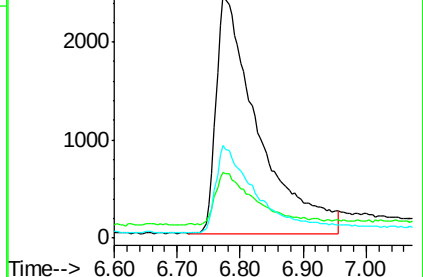
71 36.2 27.4 41.0

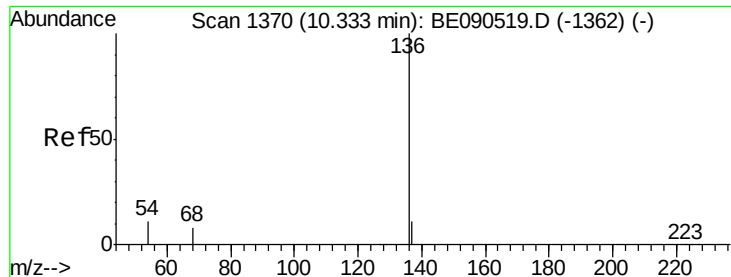


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 85055

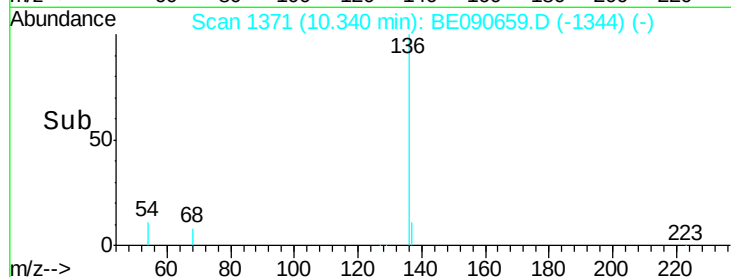
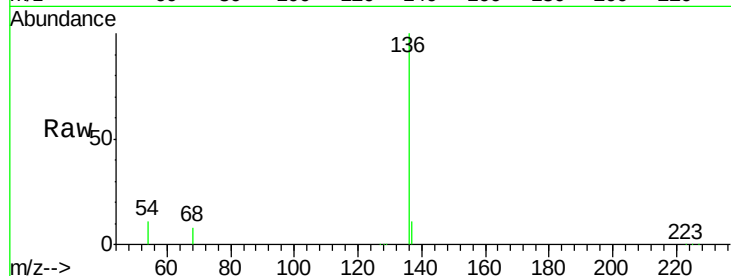
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.4 14.0

68 7.9 6.5 9.7

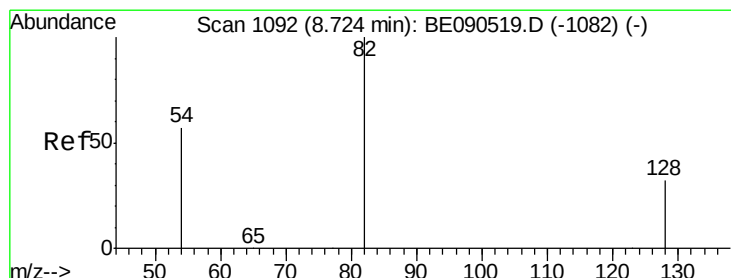
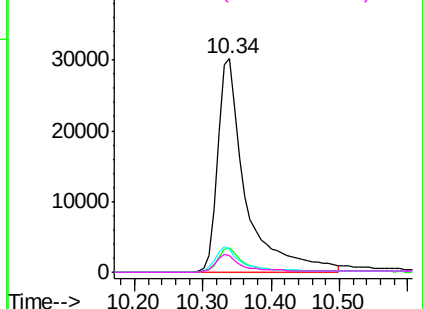


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 3.09 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

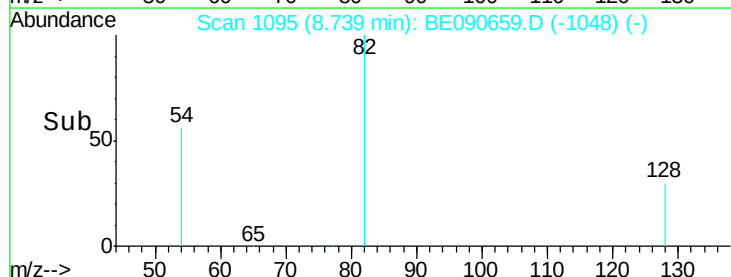
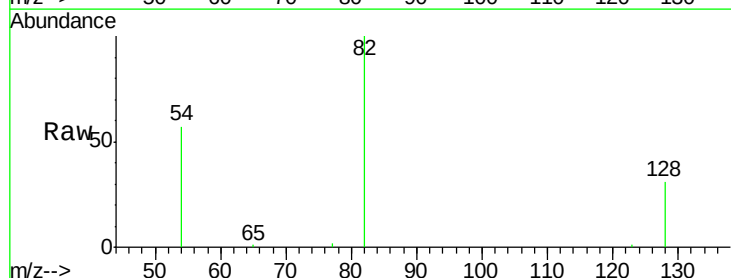
Tgt Ion: 82 Resp: 20925

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.6

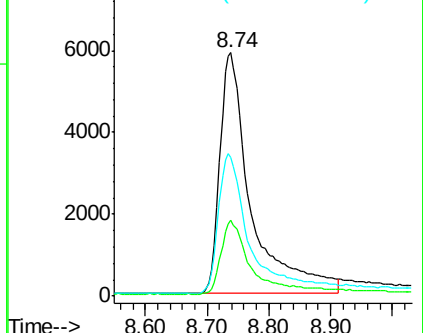
54 56.8 48.8 73.2

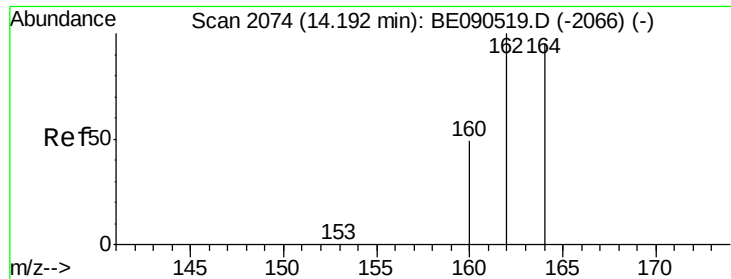


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

Instrument :

BNA_E

ClientSampled :

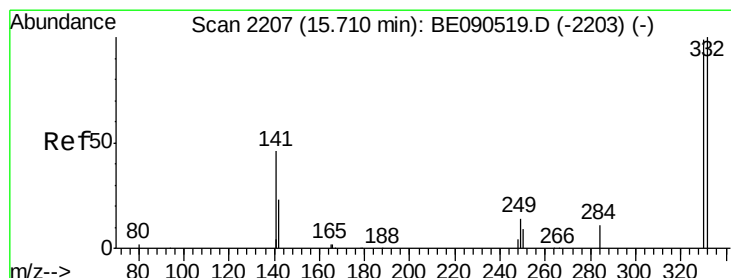
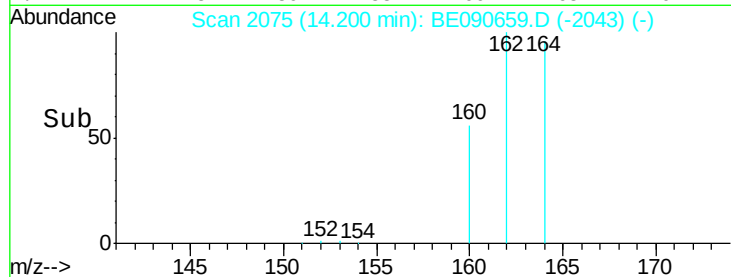
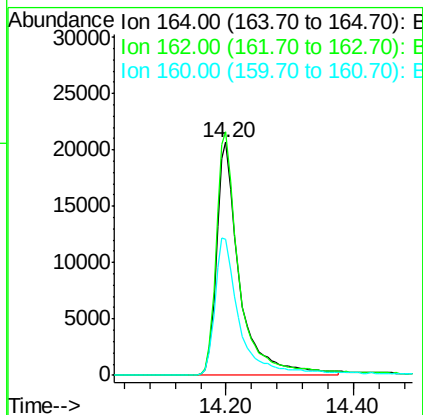
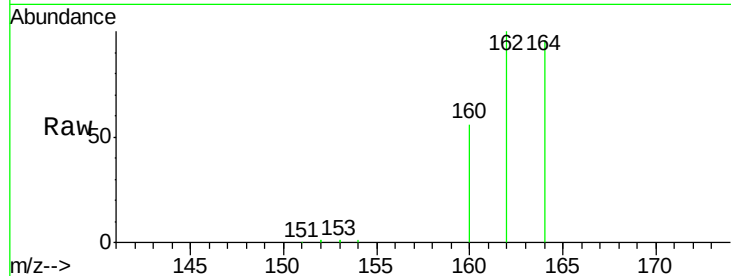
Tot Ion:164 Resp: 51396

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.8

160 58.6 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 6.46 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

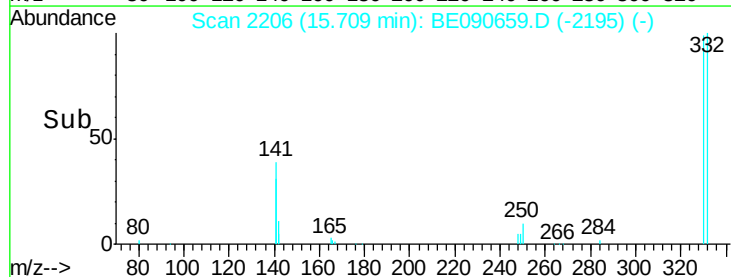
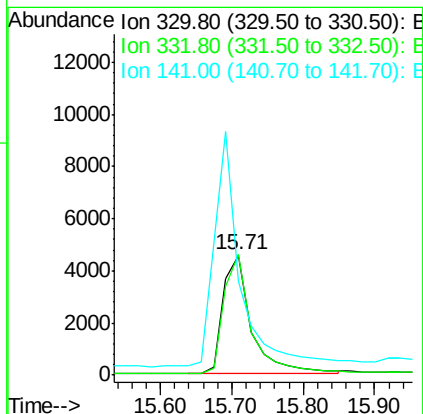
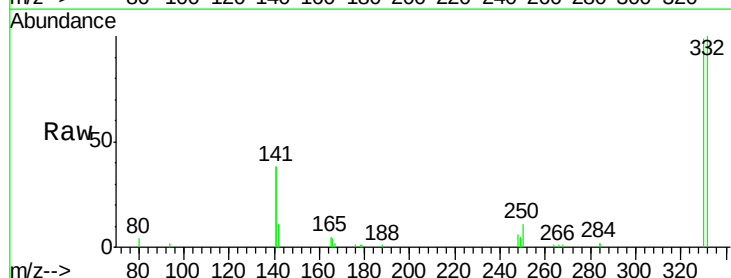
Tgt Ion:330 Resp: 12768

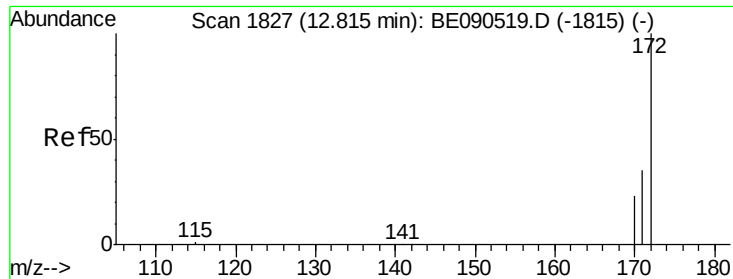
Ion Ratio Lower Upper

330 100

332 97.8 75.8 113.6

141 179.8 114.4 171.6#

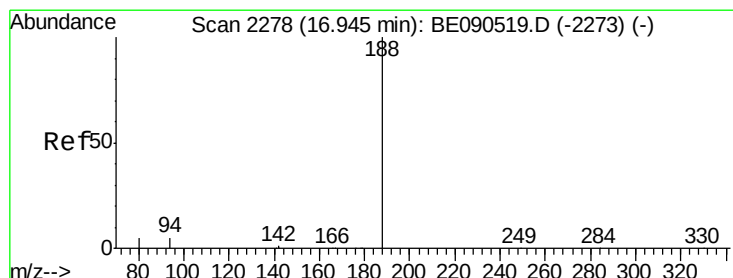
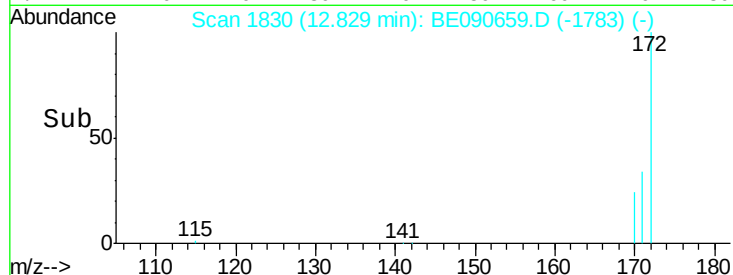
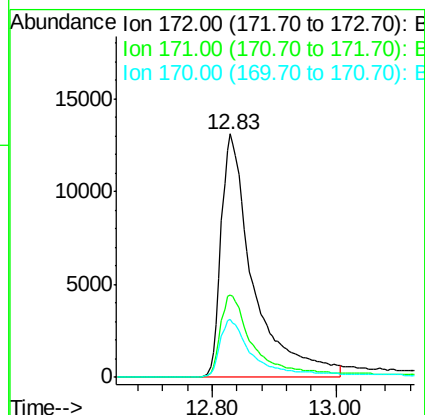
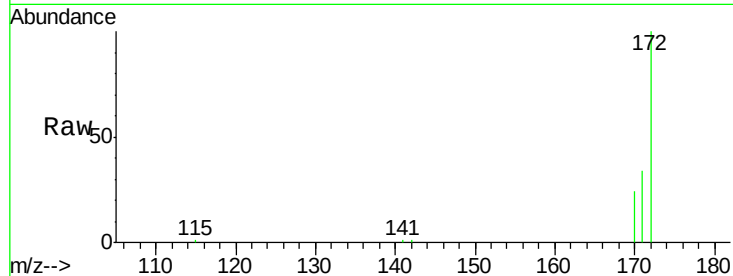




#14
 2-Fluorobiphenyl
 Concen: 3.06 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090659.D
 Acq: 28 Aug 2015 17:05

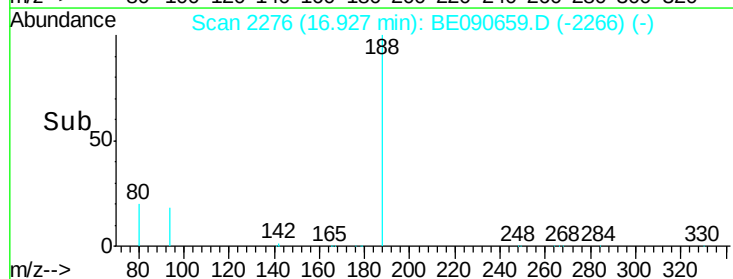
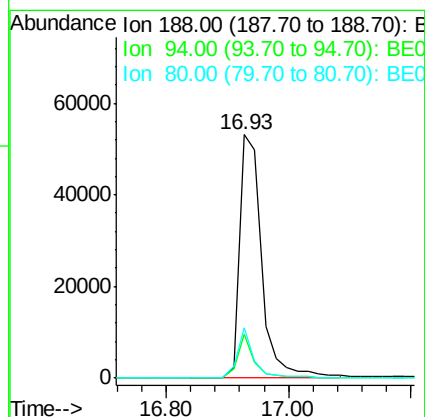
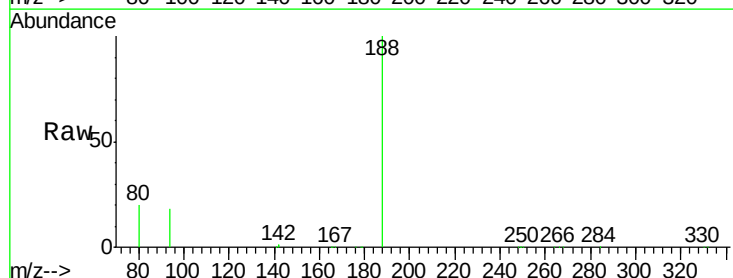
Instrument :
 BNA_E
 ClientSampleId :

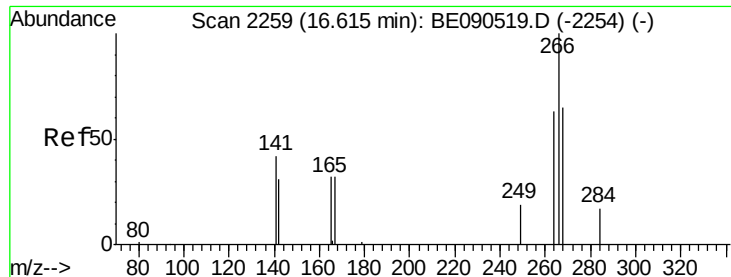
Tot Ion:172 Resp: 46906
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 24.0 19.8 29.8



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE090659.D
 Acq: 28 Aug 2015 17:05

Tgt Ion:188 Resp: 133376
 Ion Ratio Lower Upper
 188 100
 94 17.8 5.7 8.5#
 80 20.4 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

Instrument :

BNA_E

ClientSampled :

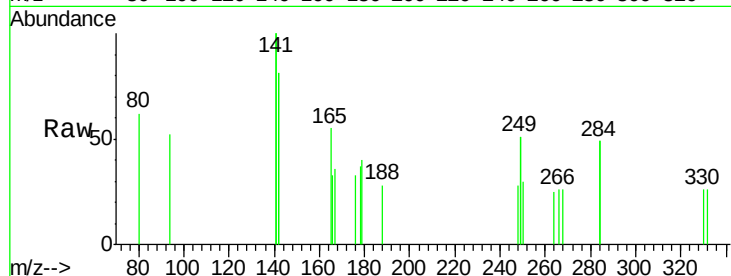
Tot Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 102.0 58.5 87.7#

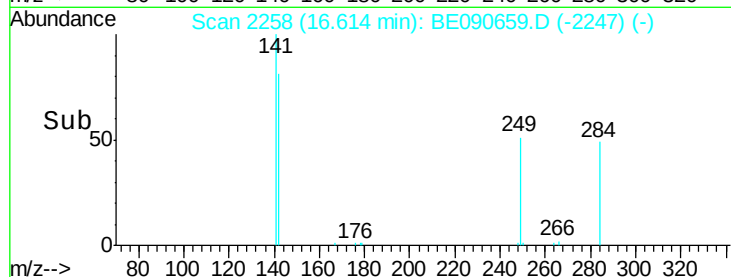
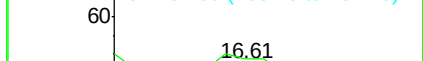
264 98.0 56.0 84.0#



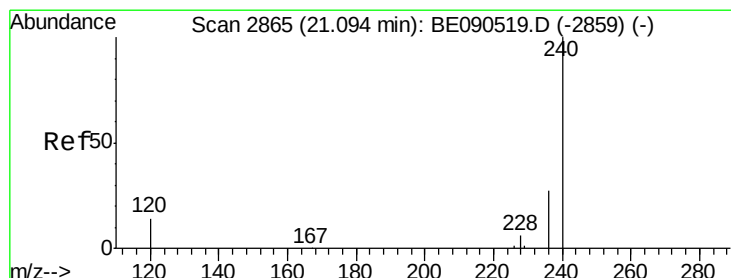
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090659.D

Acq: 28 Aug 2015 17:05

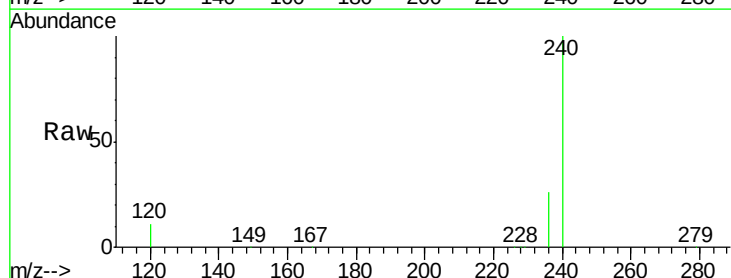
Tgt Ion:240 Resp: 148197

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

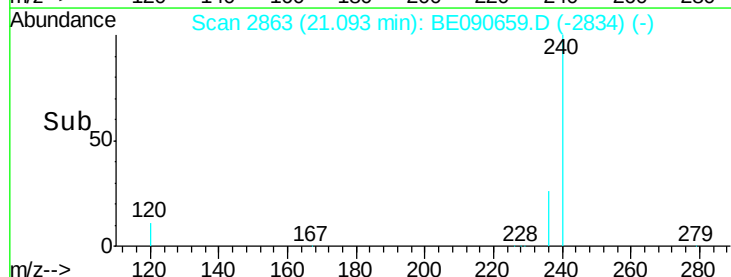
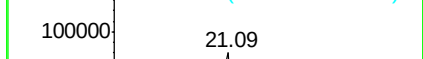
236 26.3 21.0 31.4



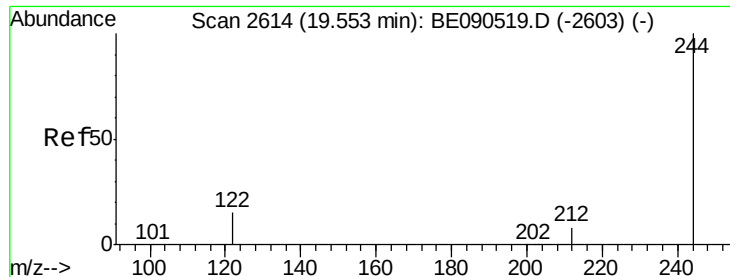
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



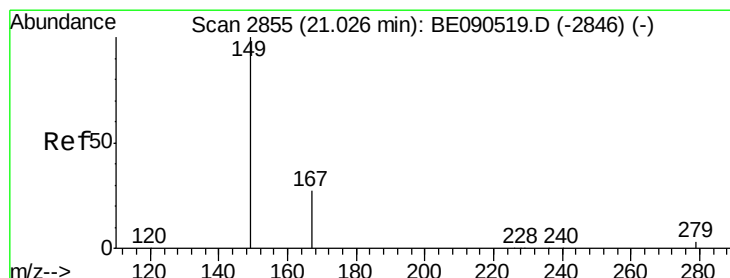
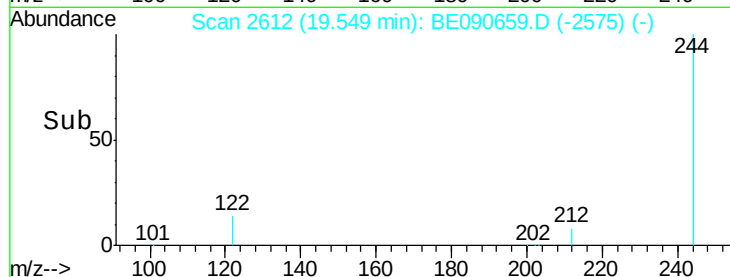
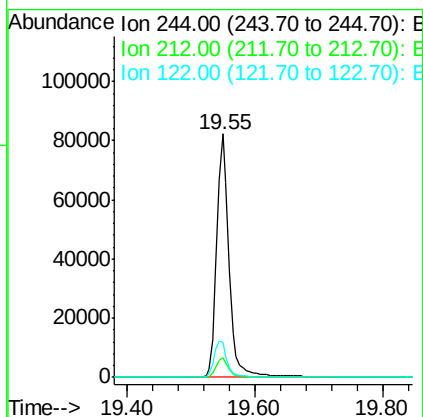
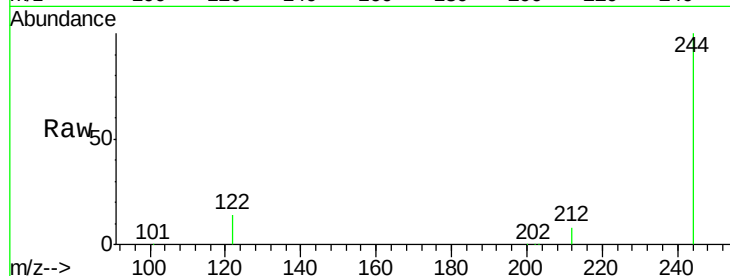
Time-->



#27
 Terphenyl-d14
 Concen: 4.09 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090659.D
 Acq: 28 Aug 2015 17:05

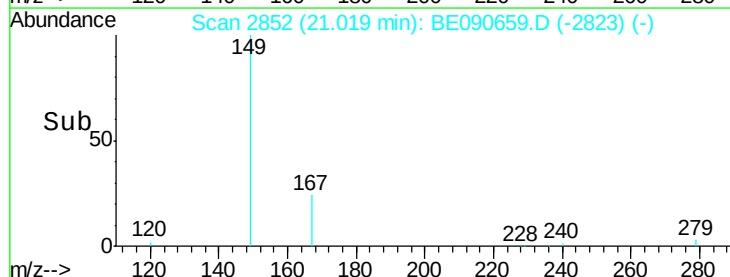
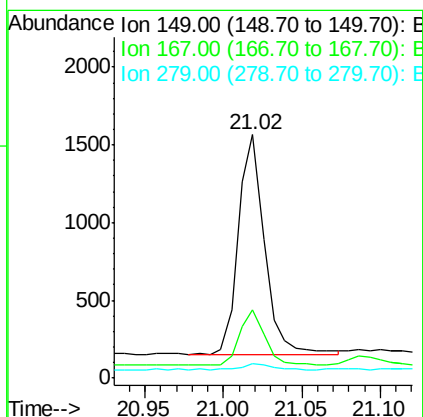
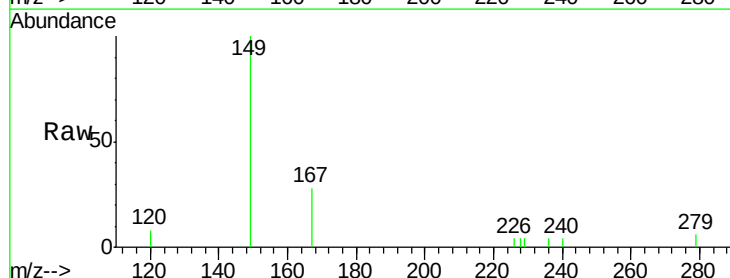
Instrument :
 BNA_E
 ClientSampled :

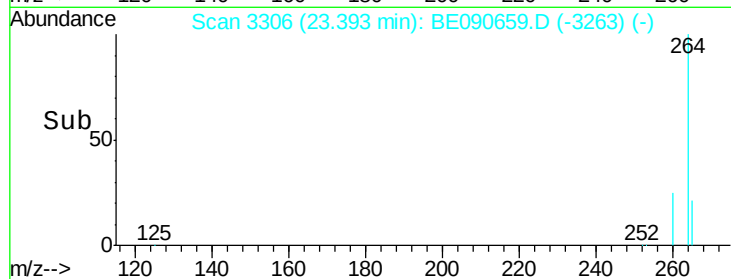
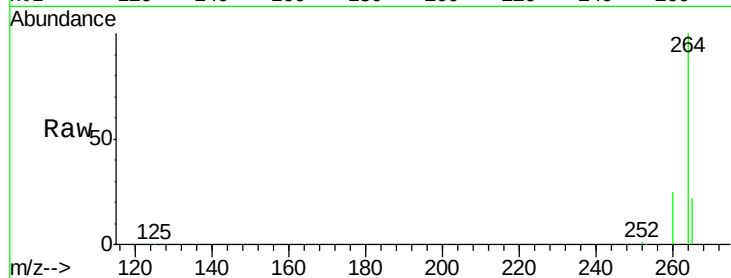
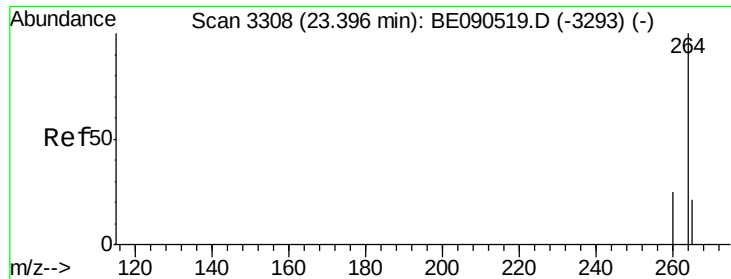
Tot Ion:244 Resp: 110734
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.3 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.02 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BE090659.D
 Acq: 28 Aug 2015 17:05

Tgt Ion:149 Resp: 1658
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.8 29.8
 279 3.1 2.4 3.6





#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090659.D
Acq: 28 Aug 2015 17:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.6	17.2	25.8

