

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090617.D
 Acq On : 25 Aug 2015 17:19
 Operator : UM/IZ
 Sample : G3390-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:27:12 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

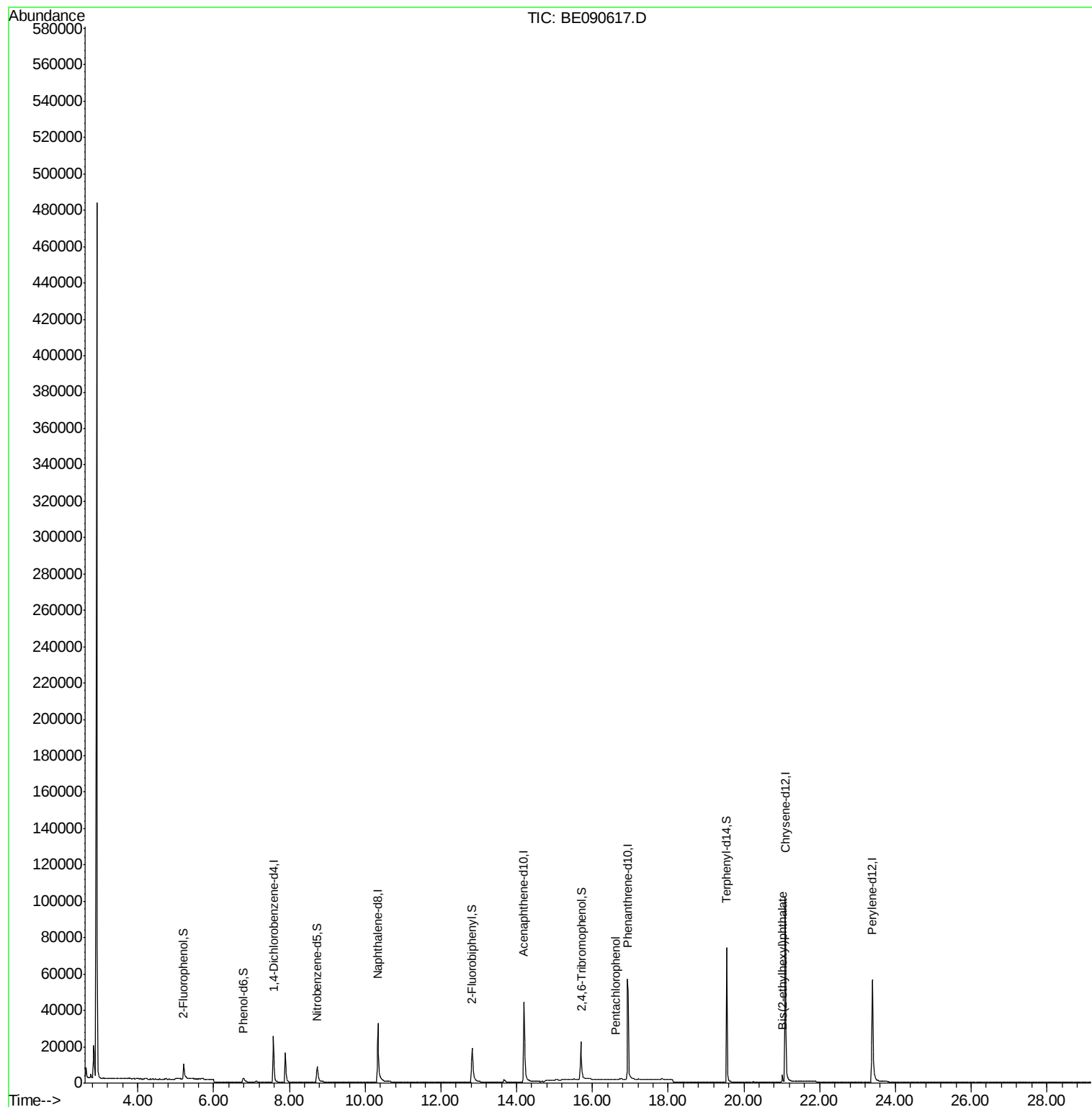
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14832	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	64533	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	38621	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	100510	5.00	ng	0.00
25) Chrysene-d12	21.09	240	112665	5.00	ng	0.00
32) Perylene-d12	23.39	264	97741	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9063	2.11	ng	0.00
5) Phenol-d6	6.78	99	6288	1.00	ng	0.00
7) Nitrobenzene-d5	8.73	82	15715	3.06	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	11849	7.97	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	38034	3.30	ng	0.00
27) Terphenyl-d14	19.55	244	80495	3.91	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	19	Below Cal	#	44
21) Pentachlorophenol	16.61	266	15	0.31 ng	#	63
30) Bis(2-ethylhexyl)phthalate	21.02	149	3984	0.36 ng		98

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

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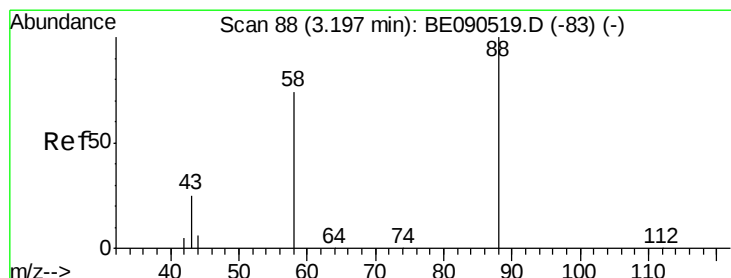
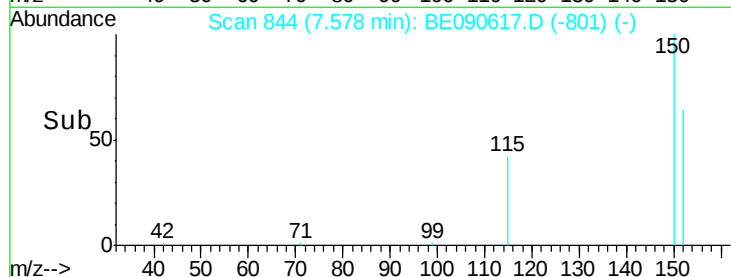
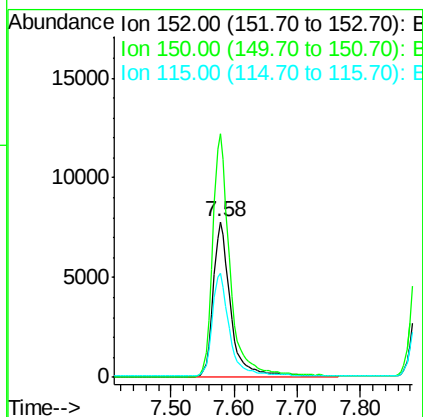
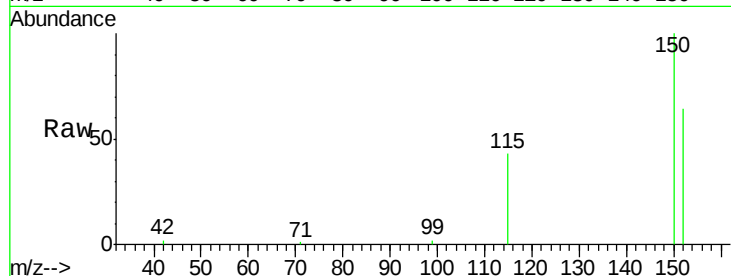


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090617.D
Acq: 25 Aug 2015 17:19

Instrument :
BNA_E
ClientSampleId :

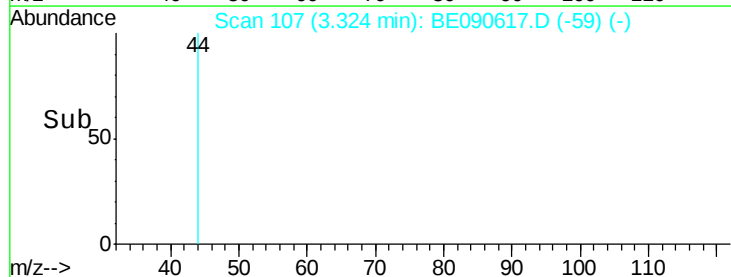
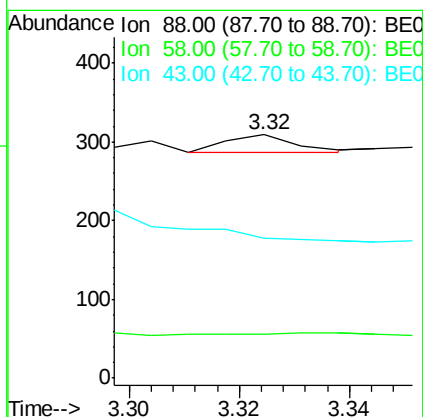
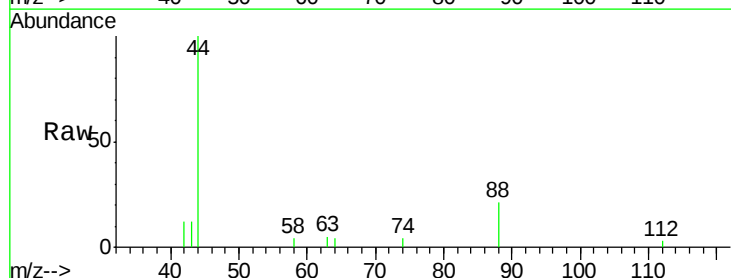
Tot Ion:152 Resp: 14832
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 66.5 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 107
Delta R.T. 0.13 min
Lab File: BE090617.D
Acq: 25 Aug 2015 17:19

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
58 36.8 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.11 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

Instrument :

BNA_E

ClientSampled :

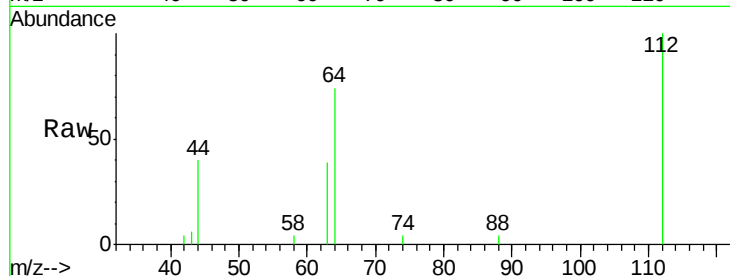
Tot Ion:112 Resp: 9063

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

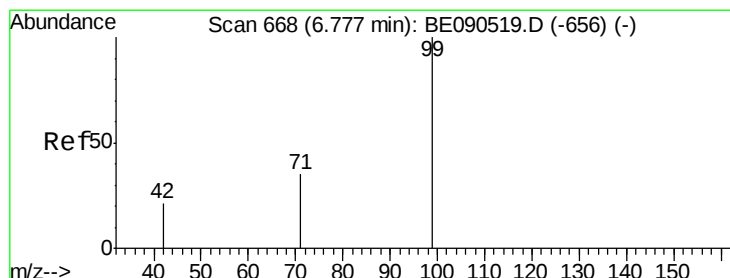
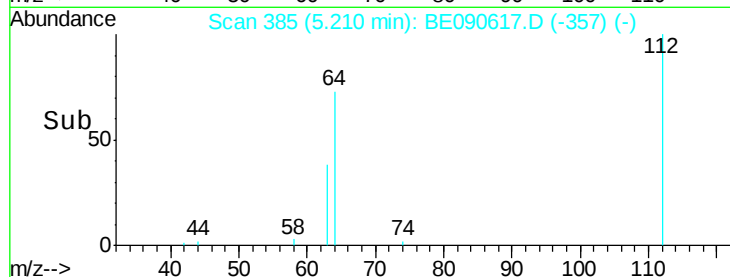
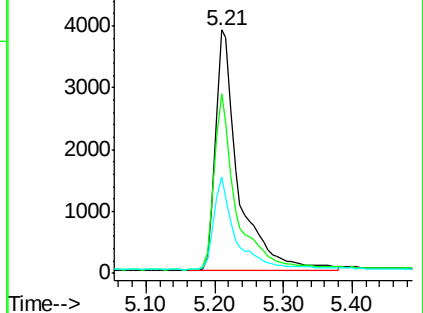
63 37.2 19.5 29.3#



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: 1.00 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

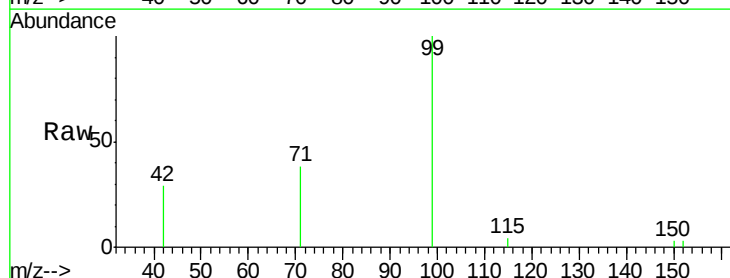
Tgt Ion: 99 Resp: 6288

Ion Ratio Lower Upper

99 100

42 23.5 18.2 27.4

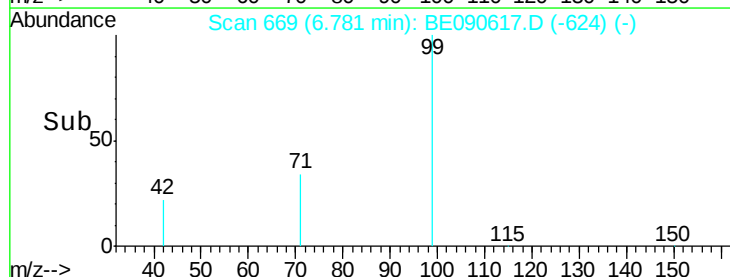
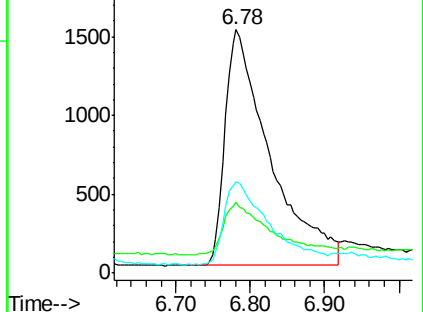
71 35.9 27.4 41.0

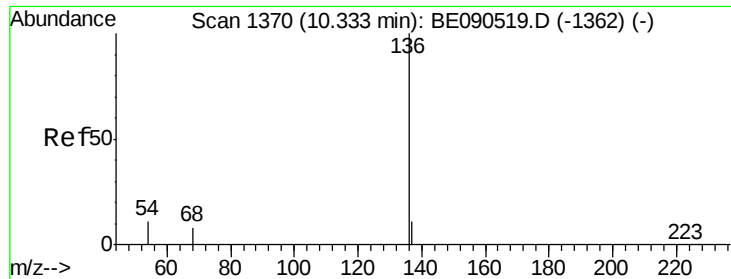


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090617.D

Acq: 25 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 64533

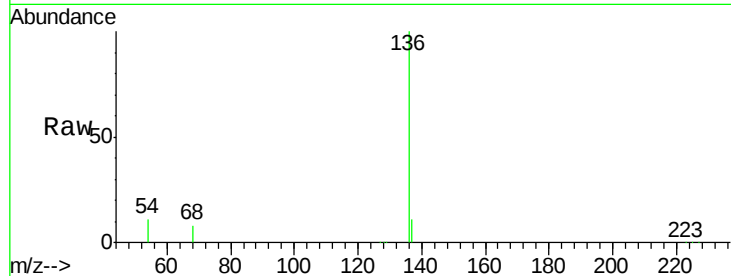
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.5 9.4 14.0

68 7.7 6.5 9.7

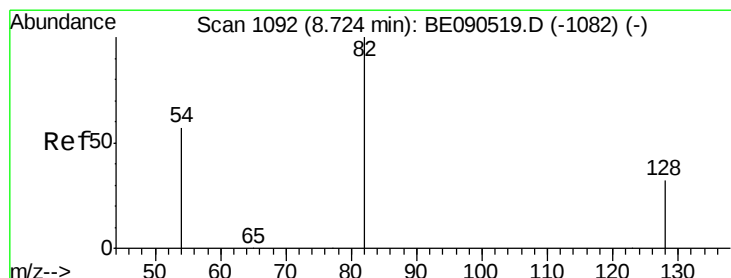
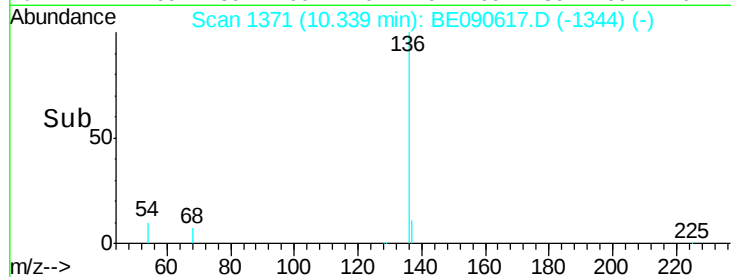
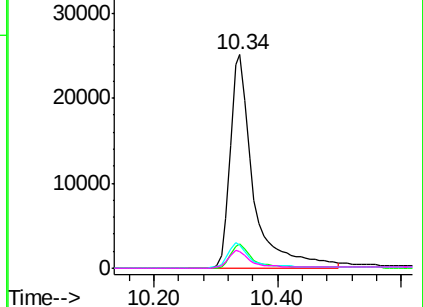


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.06 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

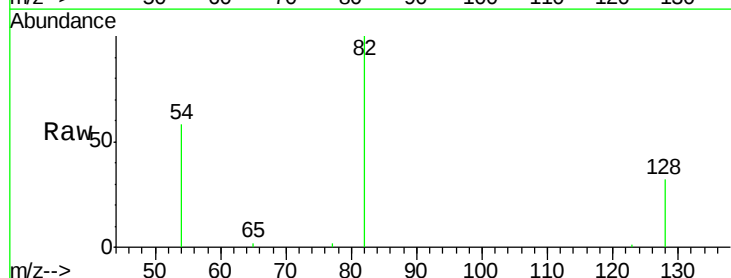
Tgt Ion: 82 Resp: 15715

Ion Ratio Lower Upper

82 100

128 31.9 25.0 37.6

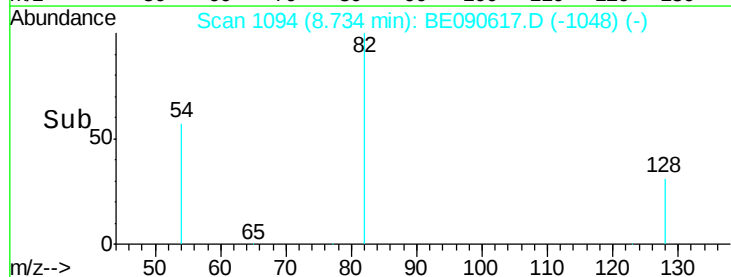
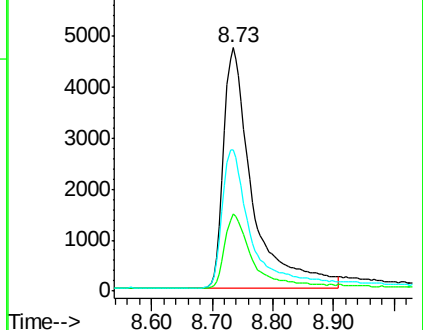
54 58.1 48.8 73.2

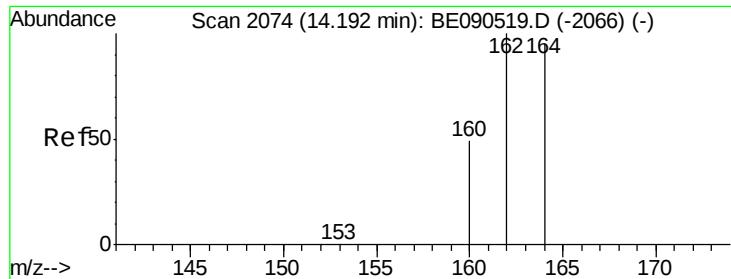


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

Instrument :

BNA_E

ClientSampled :

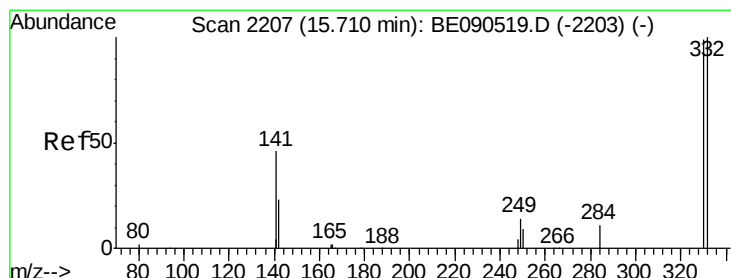
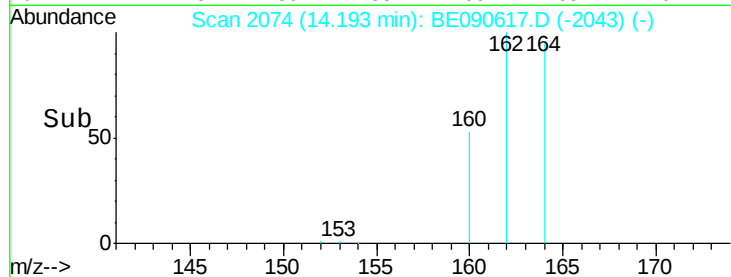
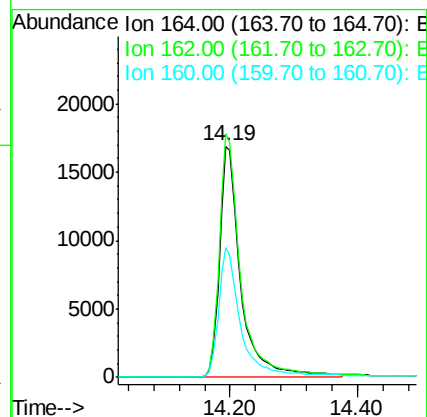
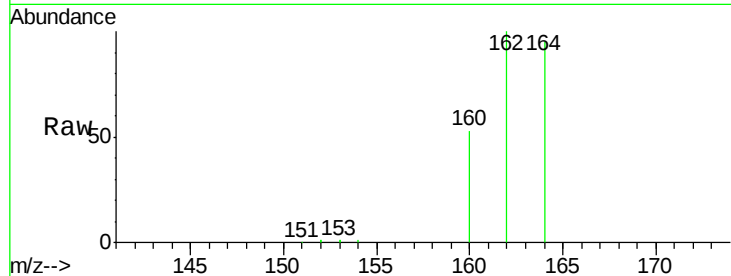
Tot Ion:164 Resp: 38621

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

160 56.1 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 7.97 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

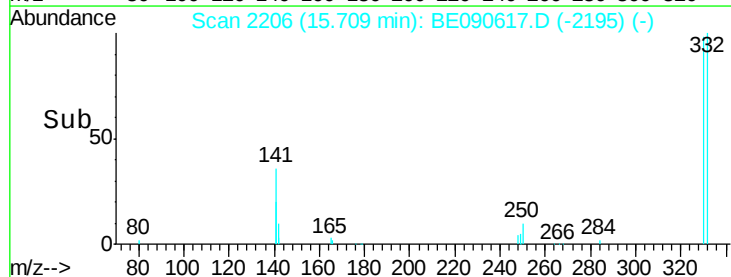
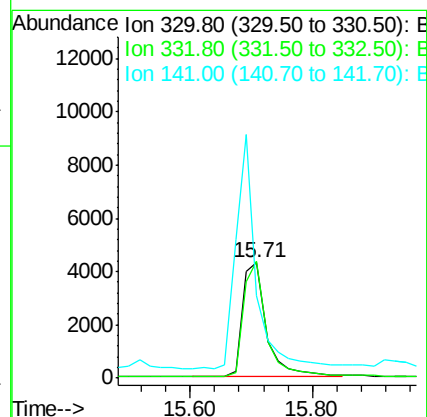
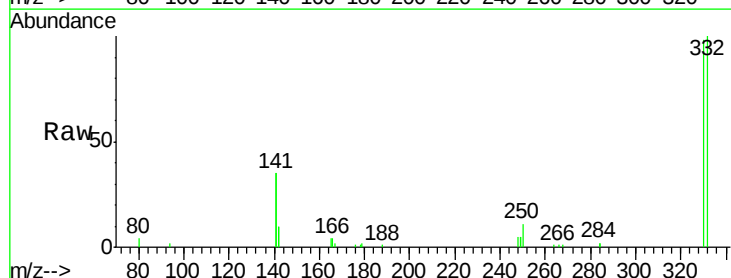
Tgt Ion:330 Resp: 11849

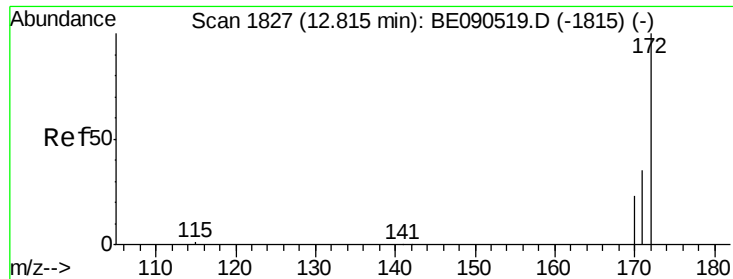
Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

141 174.4 114.4 171.6

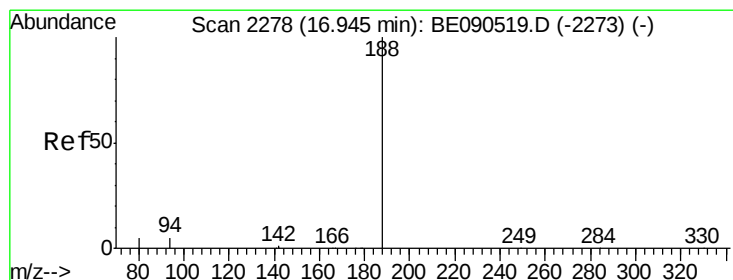
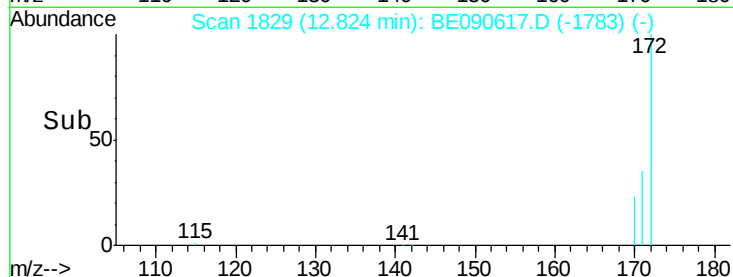
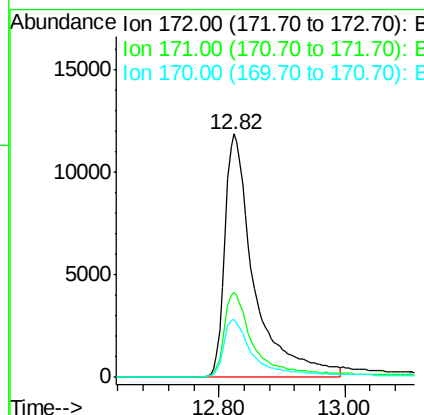
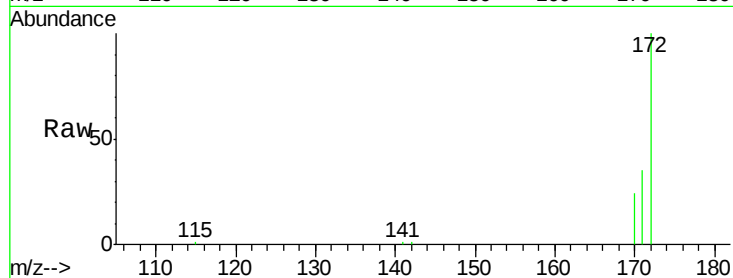




#14
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BE090617.D
Acq: 25 Aug 2015 17:19

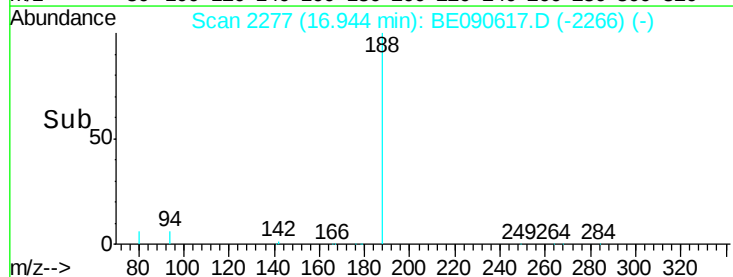
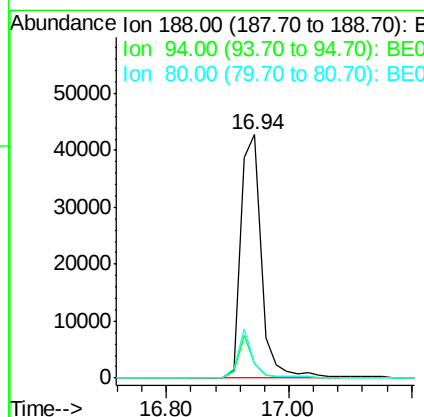
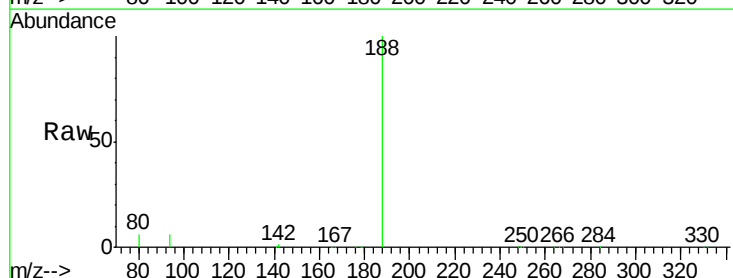
Instrument :
BNA_E
ClientSampleId :

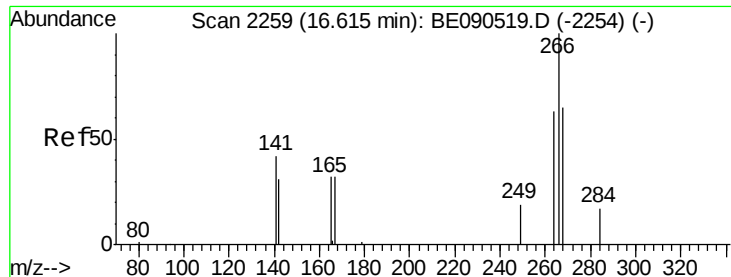
Tot Ion:172 Resp: 38034
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.7 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090617.D
Acq: 25 Aug 2015 17:19

Tgt Ion:188 Resp: 100510
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.0 5.8 8.8

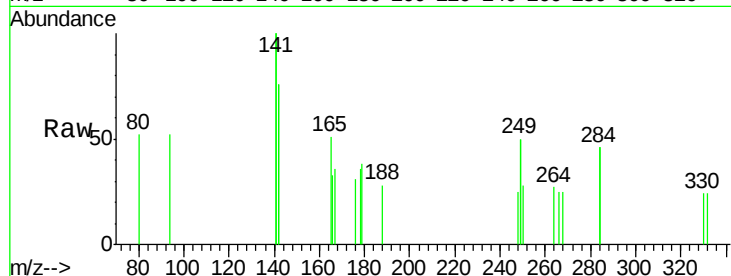




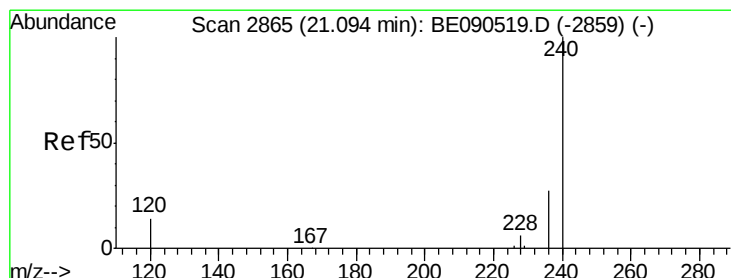
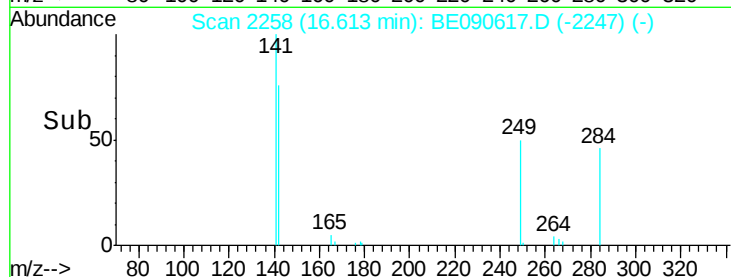
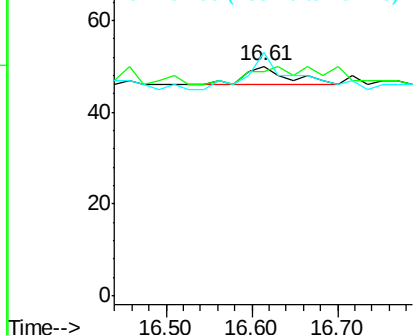
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090617.D
 Acq: 25 Aug 2015 17:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 268 98.0 58.5 87.7#
 264 106.0 56.0 84.0#

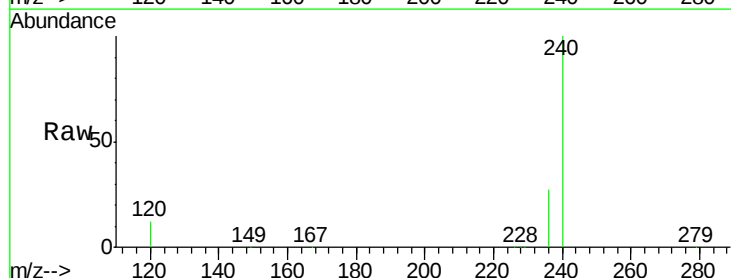


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

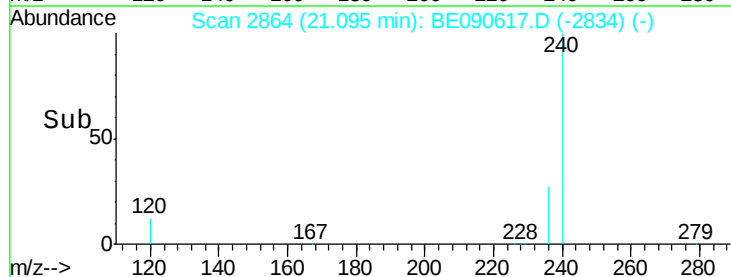
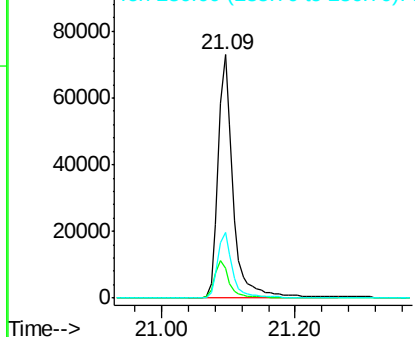


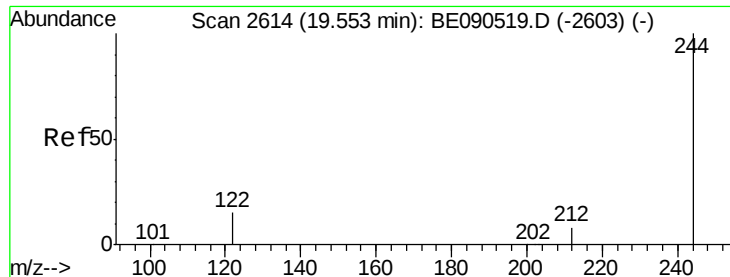
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090617.D
 Acq: 25 Aug 2015 17:19

Tgt Ion:240 Resp: 112665
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.9 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: 3.91 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

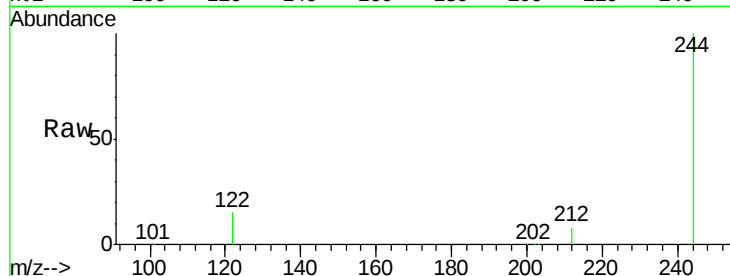
Tot Ion:244 Resp: 80495

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

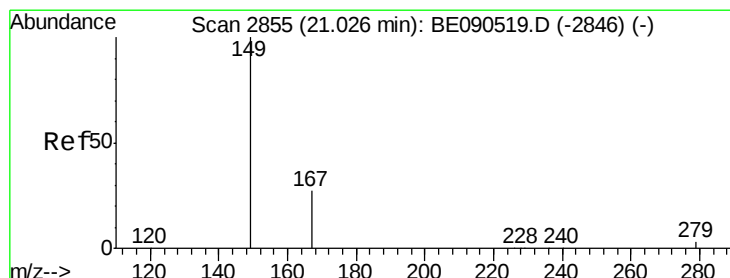
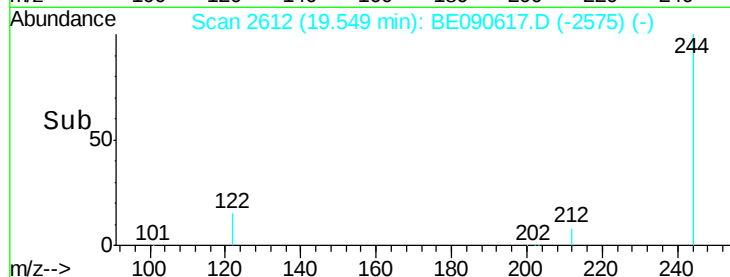
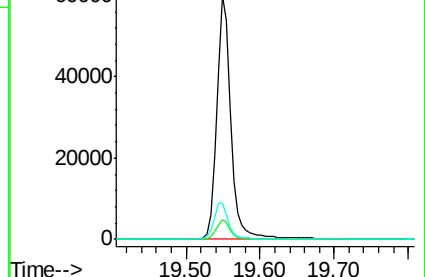
122 15.0 10.2 15.4



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: 0.36 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090617.D

Acq: 25 Aug 2015 17:19

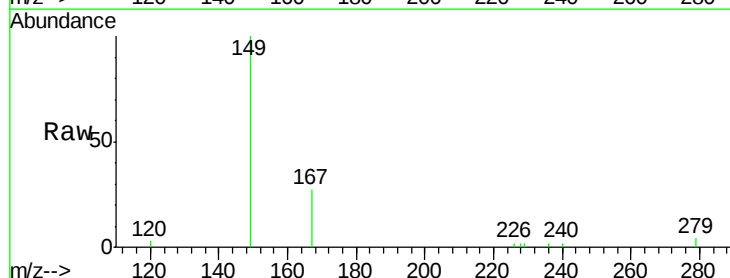
Tgt Ion:149 Resp: 3984

Ion Ratio Lower Upper

149 100

167 23.8 19.8 29.8

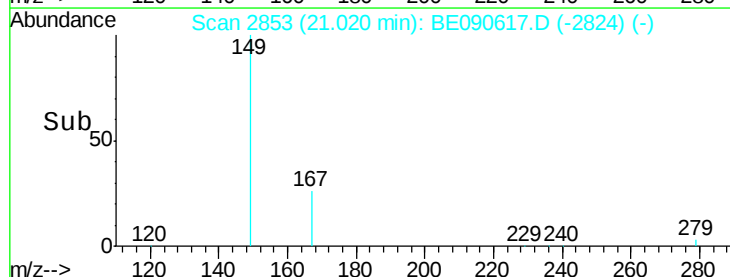
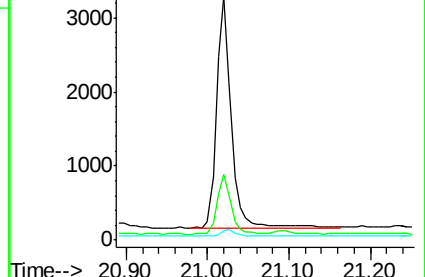
279 2.7 2.4 3.6

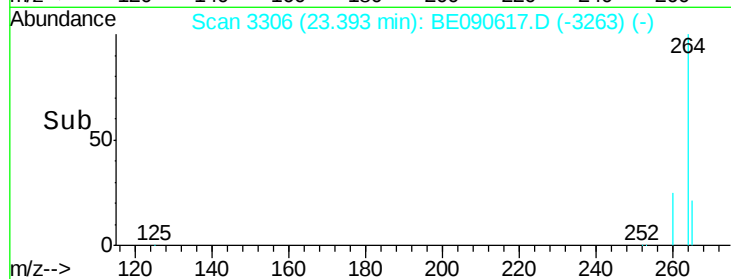
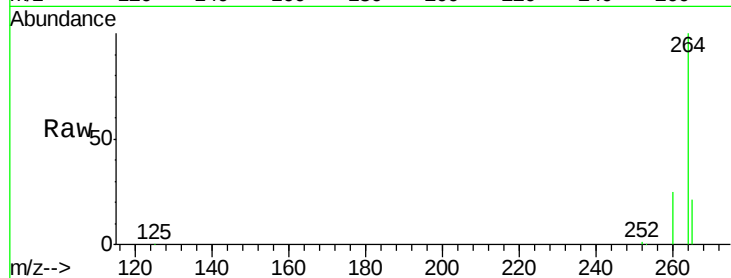
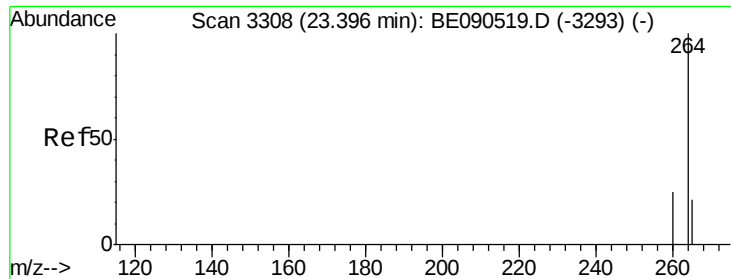


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090617.D
 Acq: 25 Aug 2015 17:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 97741
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.4 17.2 25.8

