

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090652.D
 Acq On : 27 Aug 2015 16:13
 Operator : UM/IZ
 Sample : G3415-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-M

Quant Time: Aug 27 23:04:29 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 23:02:45 2015
 Response via : Initial Calibration

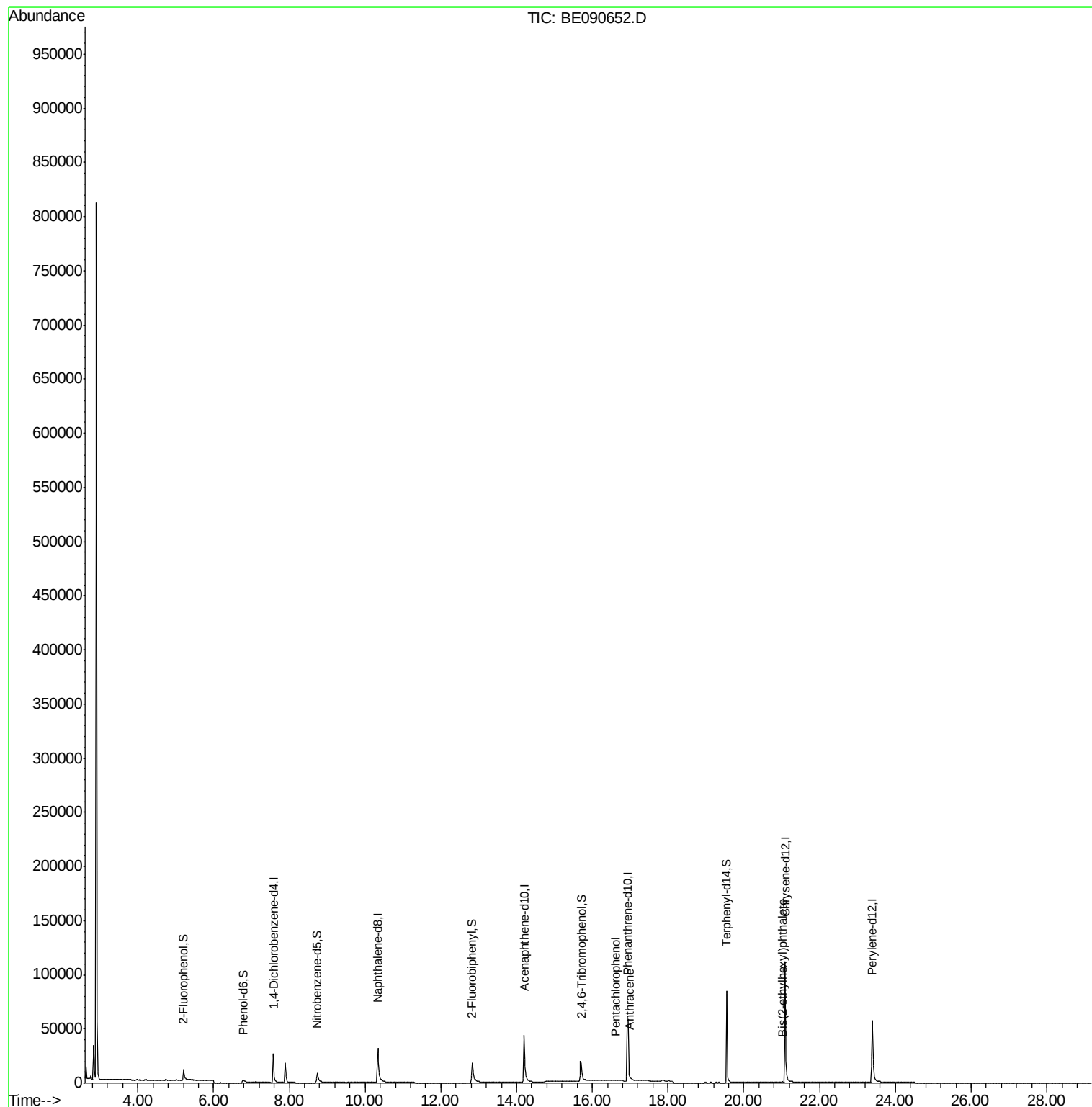
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	16655	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	72426	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	42550	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	117028	5.00	ng	0.00
25) Chrysene-d12	21.09	240	130295	5.00	ng	0.00
32) Perylene-d12	23.39	264	108527	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11210	2.33	ng	0.00
5) Phenol-d6	6.78	99	7817	1.10	ng	0.00
7) Nitrobenzene-d5	8.74	82	17345	3.01	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	13256	8.10	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	41186	3.24	ng	0.01
27) Terphenyl-d14	19.55	244	100954	4.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	56	Below Cal	#	1
21) Pentachlorophenol	16.61	266	15	0.31 ng	#	67
23) Anthracene	16.98	178	579	0.02 ng	#	82
30) Bis(2-ethylhexyl)phthalate	21.02	149	827	0.18 ng		94

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
Data File : BE090652.D
Acq On : 27 Aug 2015 16:13
Operator : UM/IZ
Sample : G3415-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
082515-D534-E-D-M

Quant Time: Aug 27 23:04:29 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 23:02:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

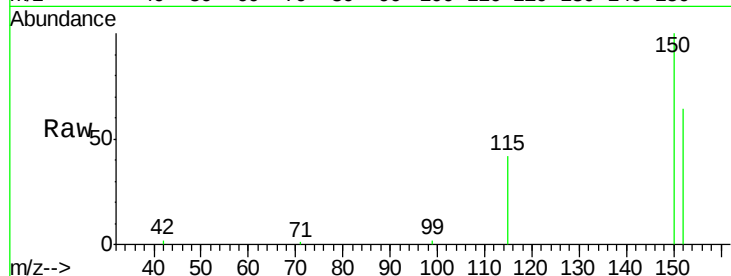
Tgt Ion: 152 Resp: 16655

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

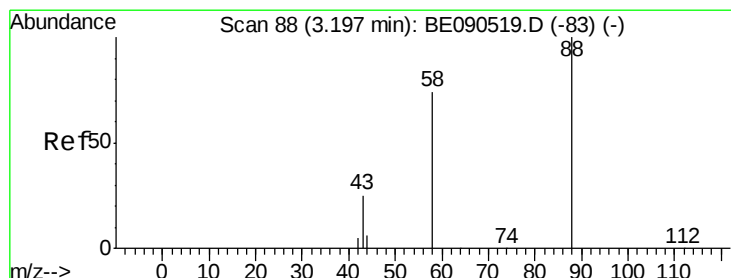
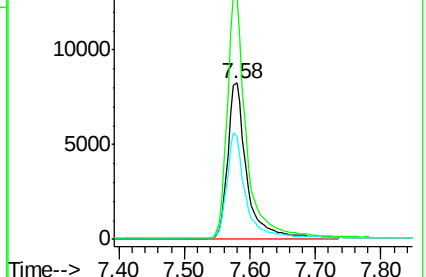
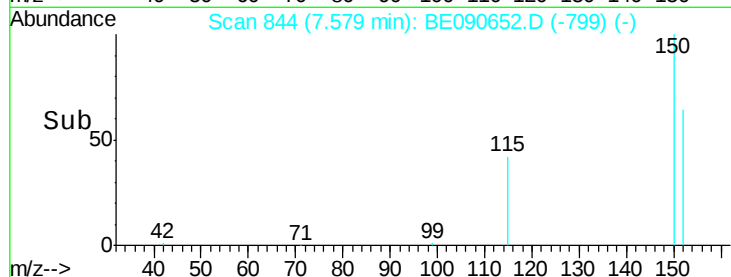
115 65.7 48.9 73.3



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: 3.27 min Scan# 99

Delta R.T. 0.09 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

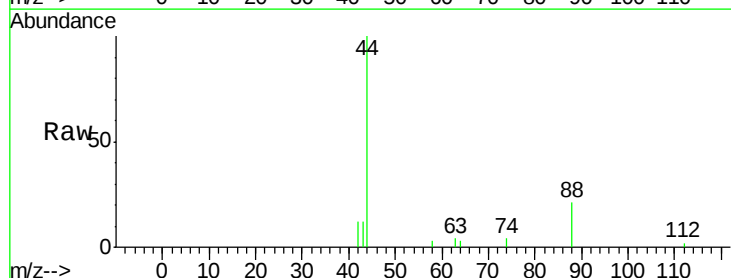
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

58 12.5 70.0 105.0#

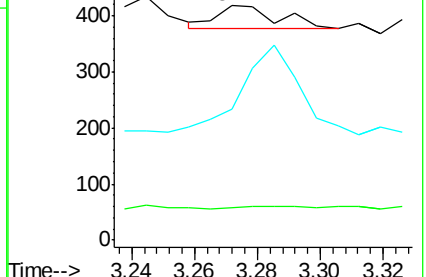
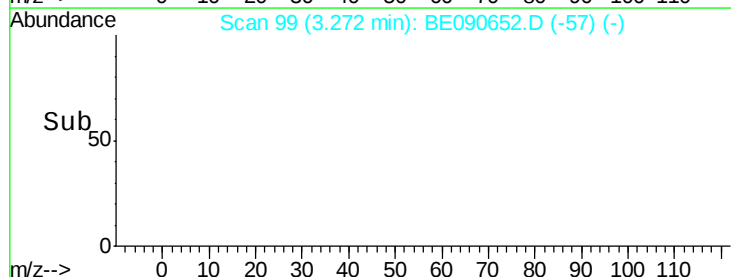
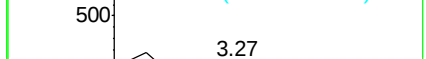
43 433.9 28.4 42.6#



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





#4

2-Fluorophenol

Concen: 2.33 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

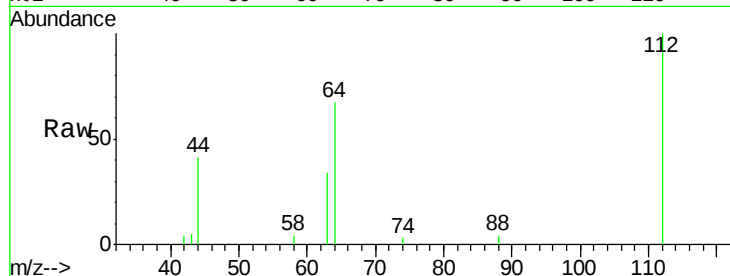
Tgt Ion: 112 Resp: 11210

Ion Ratio Lower Upper

112 100

64 70.6 37.1 55.7#

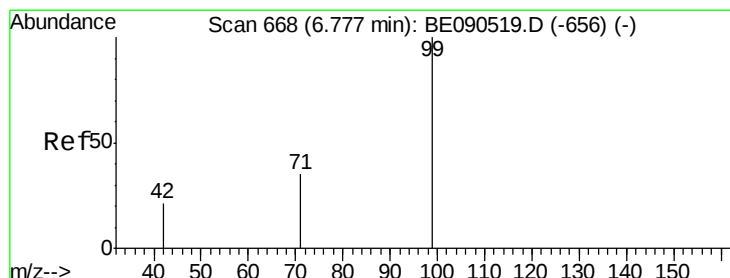
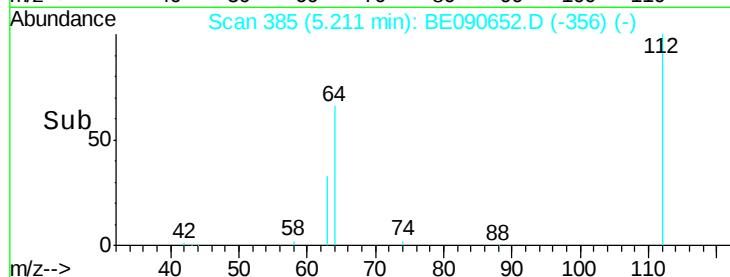
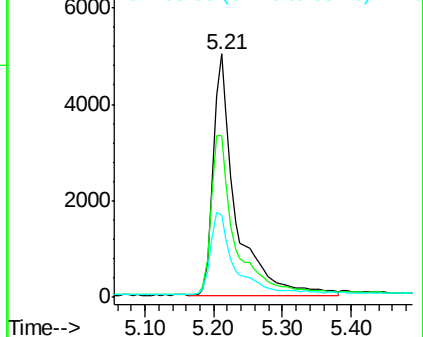
63 36.3 19.5 29.3#



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: 1.10 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

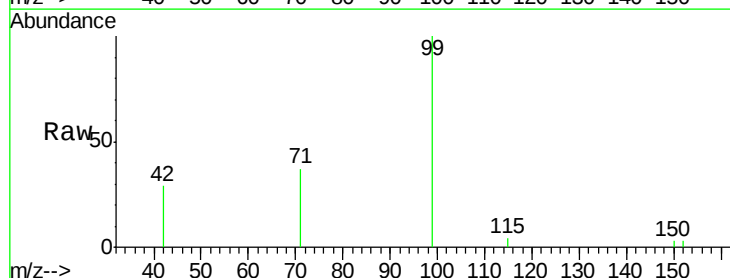
Tgt Ion: 99 Resp: 7817

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

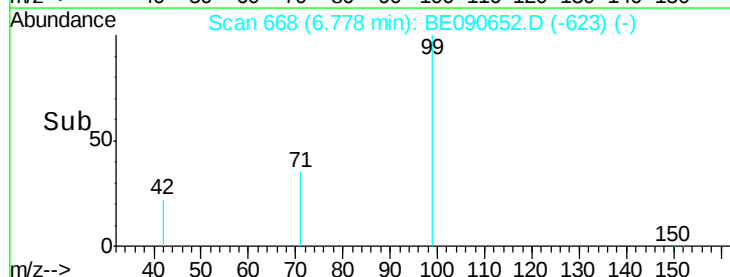
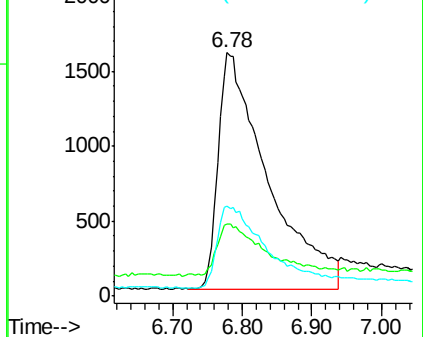
71 36.9 27.4 41.0

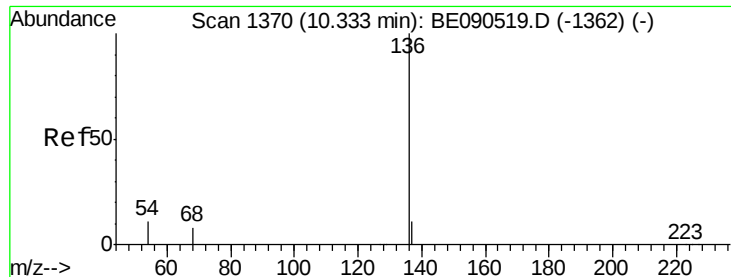


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

Tgt Ion:136 Resp: 72426

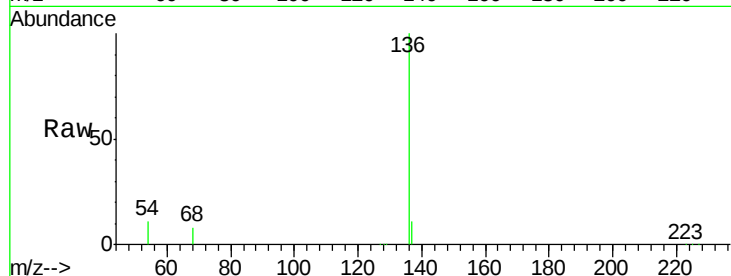
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.9 9.4 14.0

68 7.9 6.5 9.7

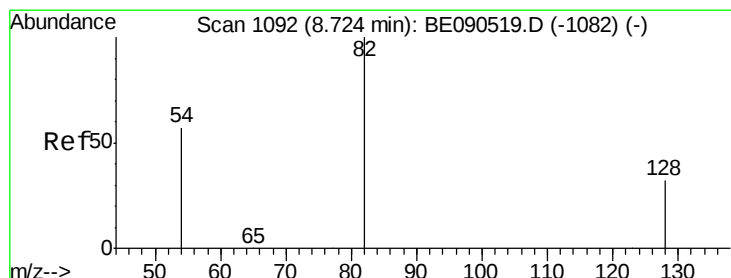
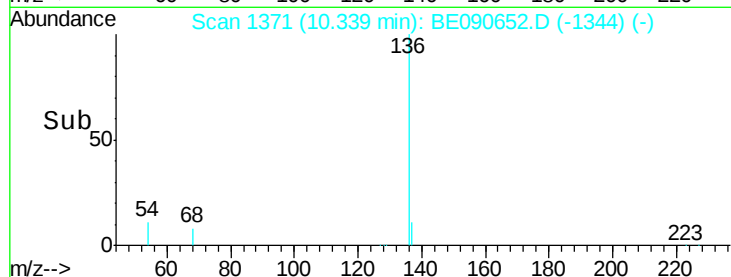
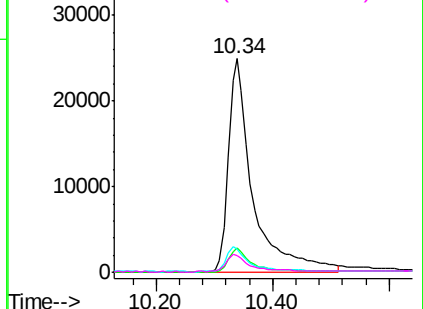


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.01 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

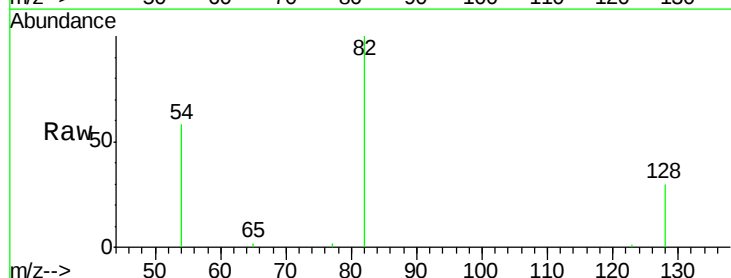
Tgt Ion: 82 Resp: 17345

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

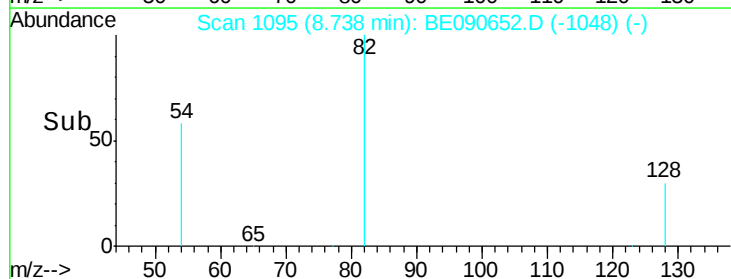
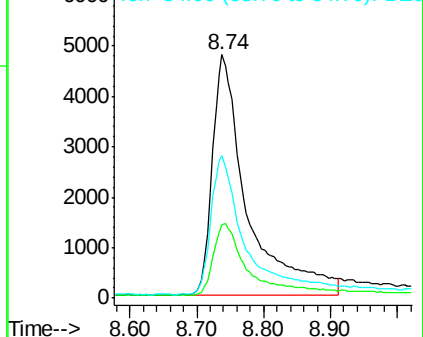
54 58.5 48.8 73.2

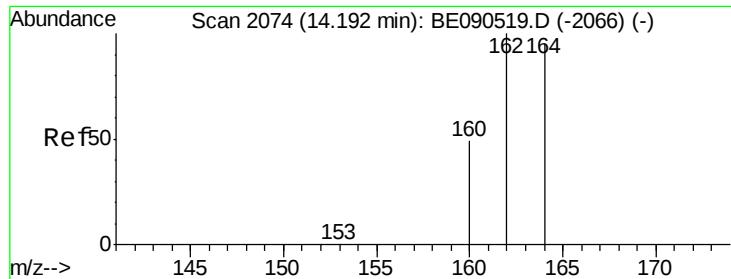


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

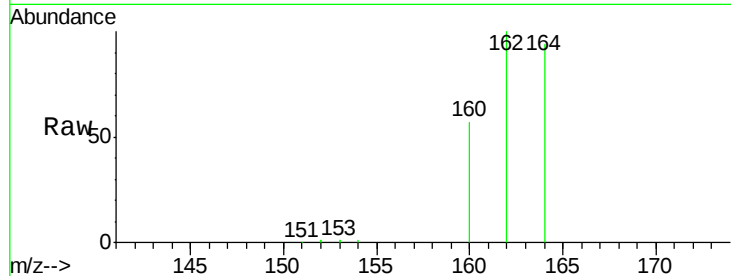
Tgt Ion:164 Resp: 42550

Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

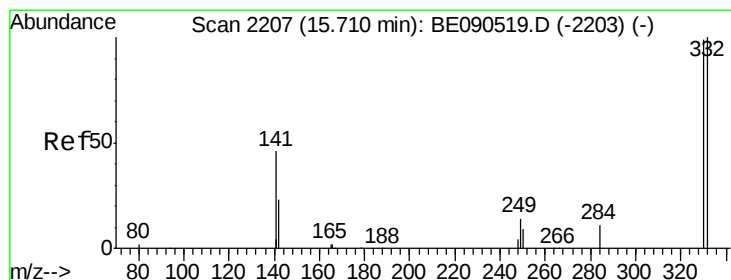
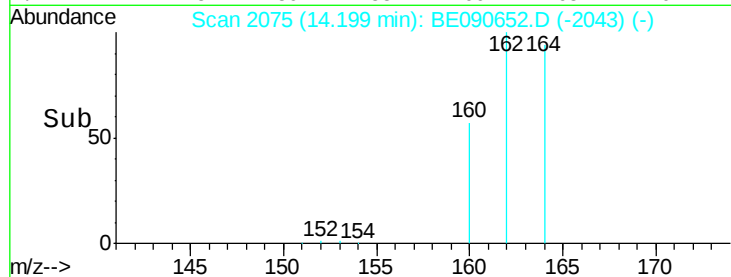
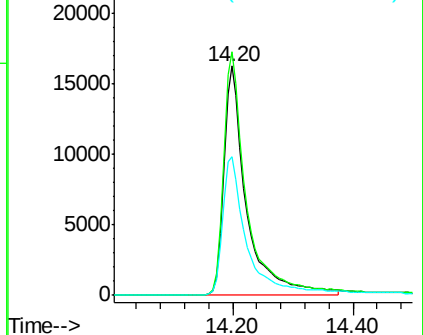
160 60.7 44.2 66.4



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: 8.10 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

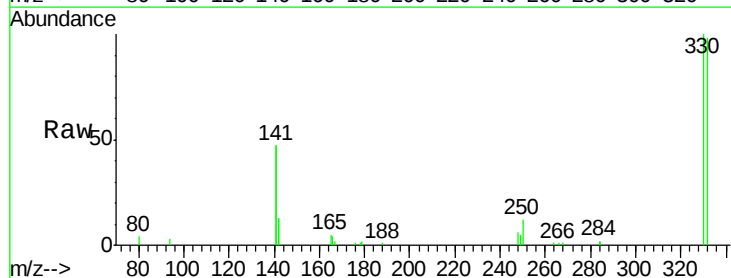
Tgt Ion:330 Resp: 13256

Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.6

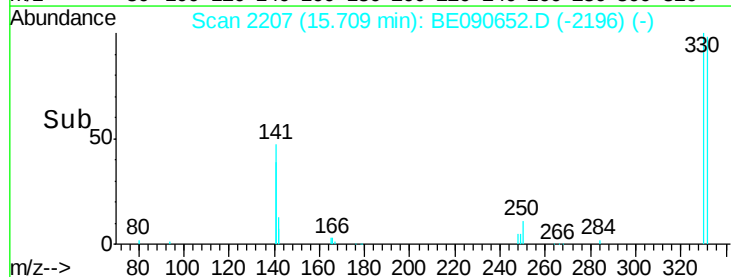
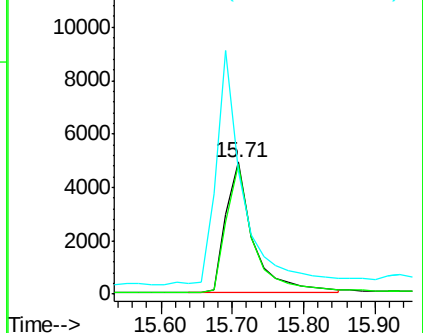
141 174.5 114.4 171.6#

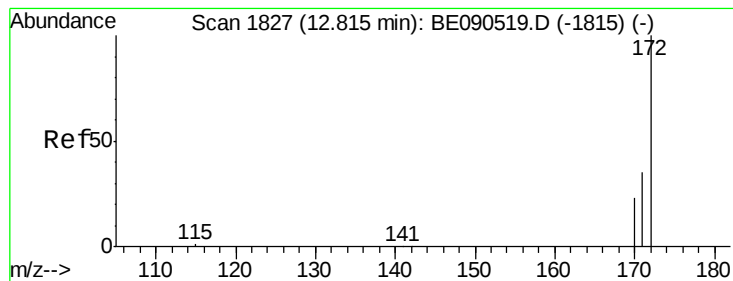


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

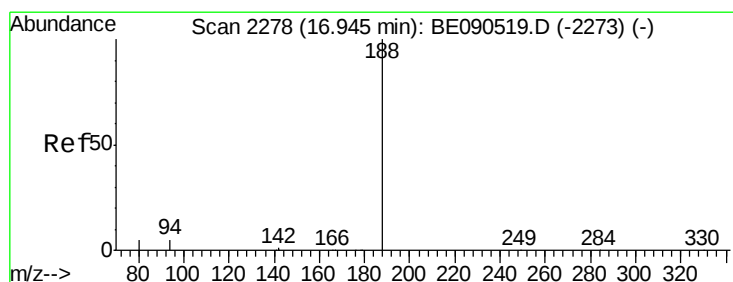
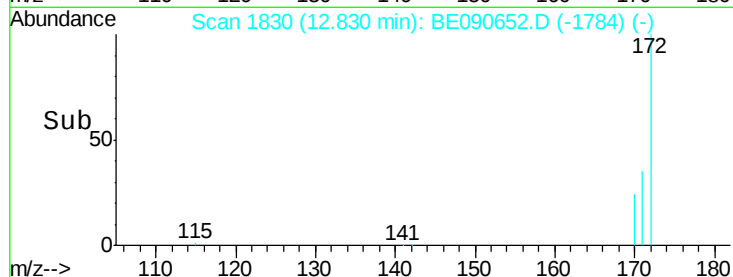
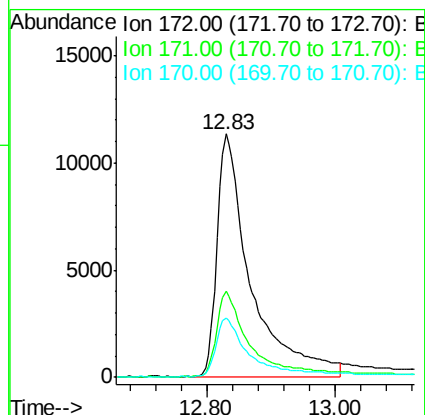
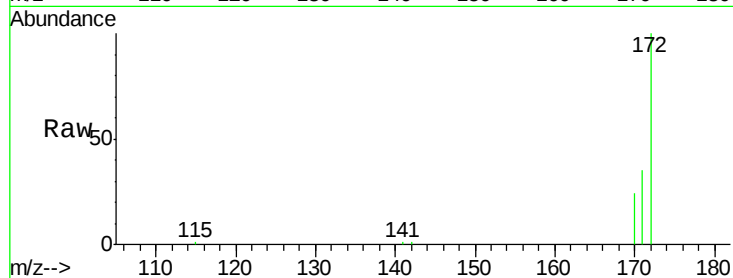




#14
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090652.D
Acq: 27 Aug 2015 16:13

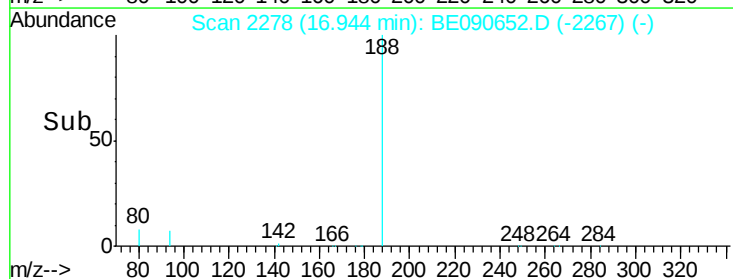
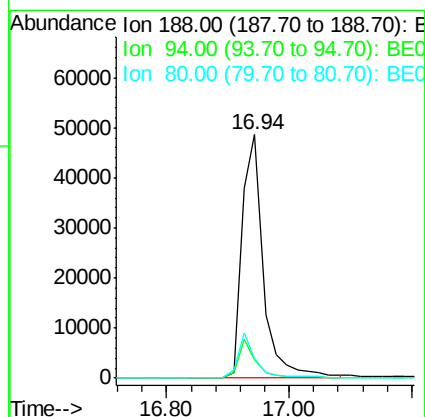
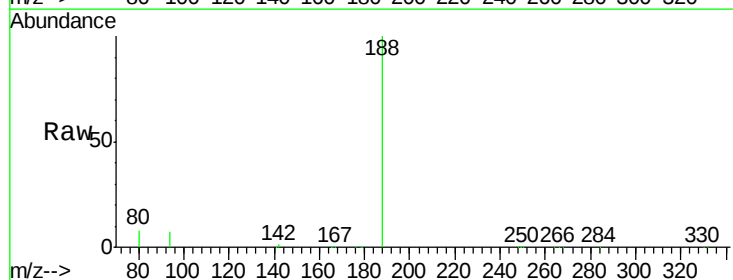
Instrument :
BNA_E
ClientSampleId :
082515-D534-E-D-M

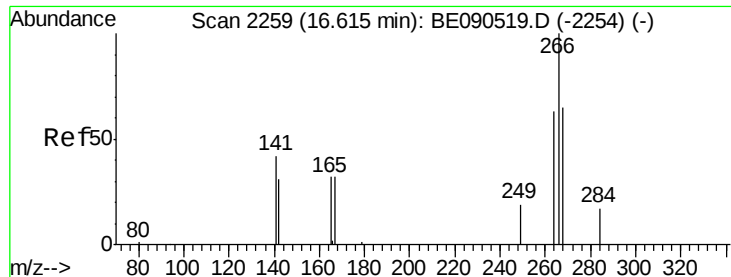
Tgt Ion:172 Resp: 41186
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.4 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090652.D
Acq: 27 Aug 2015 16:13

Tgt Ion:188 Resp: 117028
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.9 5.8 8.8

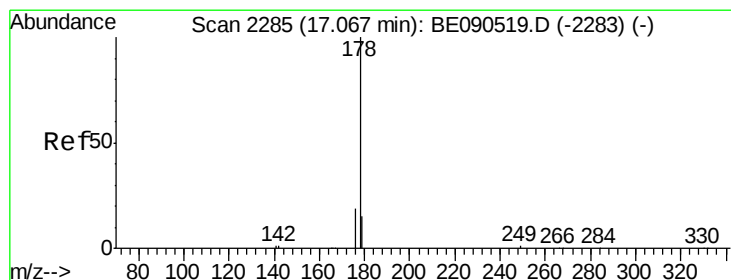
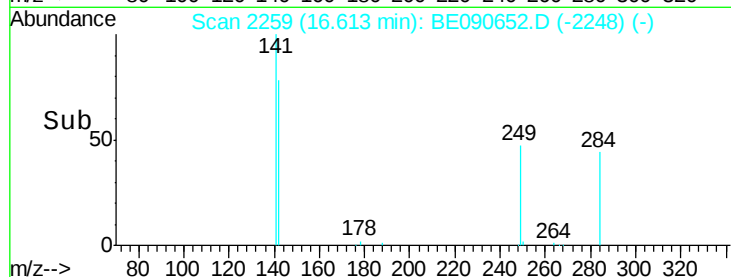
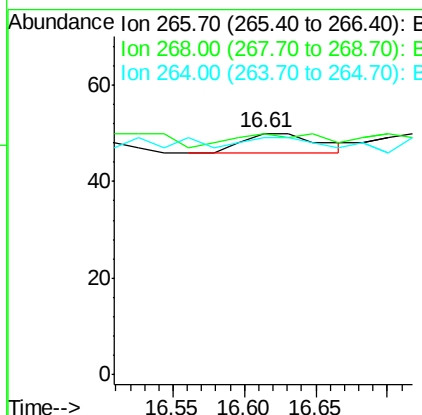
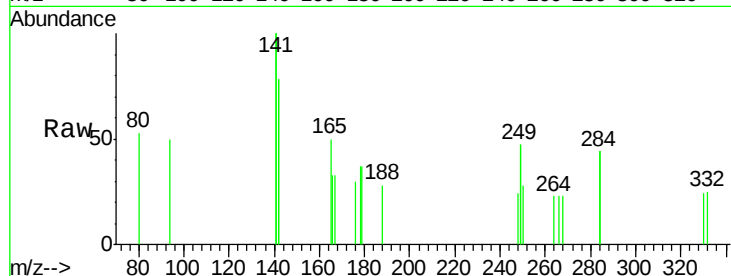




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

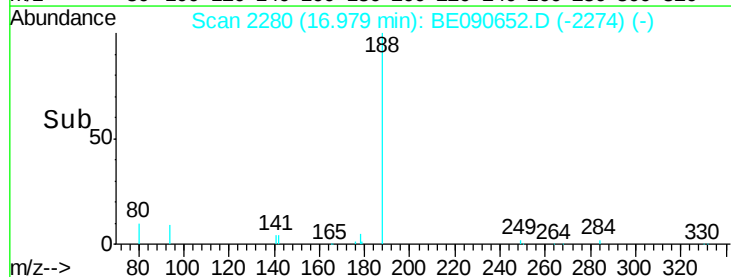
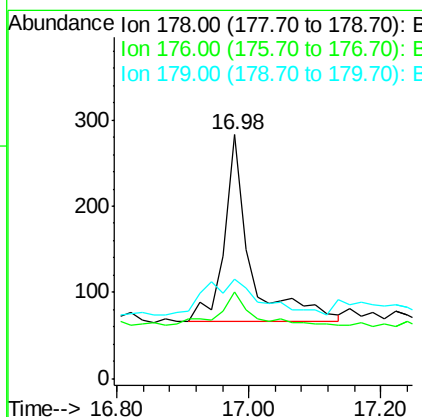
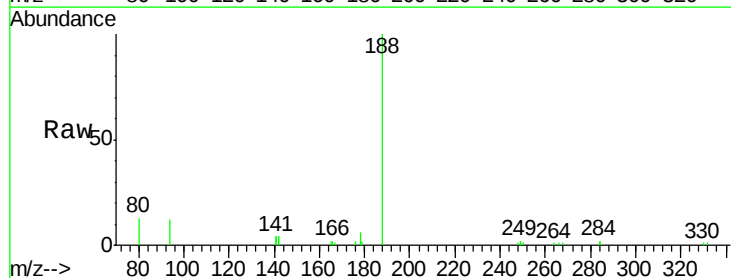
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-M

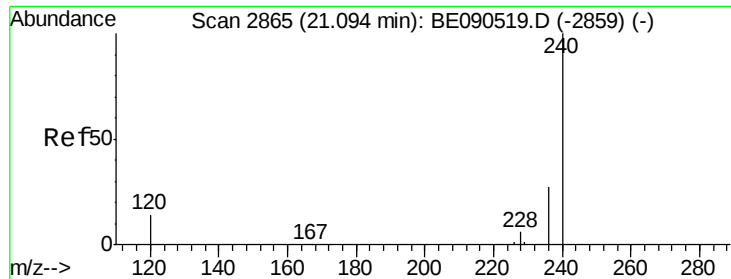
Tgt Ion: 266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 98.0 56.0 84.0#



#23
 Anthracene
 Concen: 0.02 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.09 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Tgt Ion: 178 Resp: 579
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.9 22.3
 179 31.4 12.2 18.4#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-M

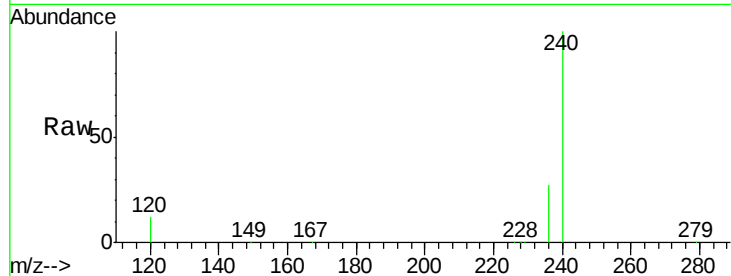
Tgt Ion:240 Resp: 130295

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

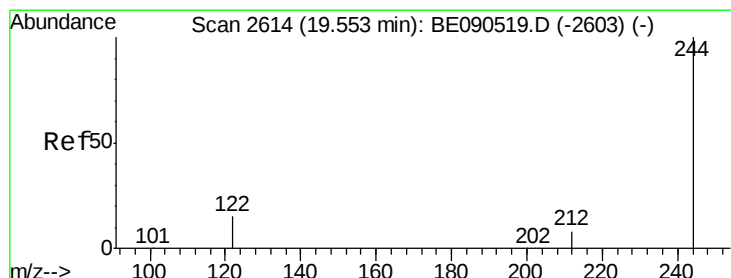
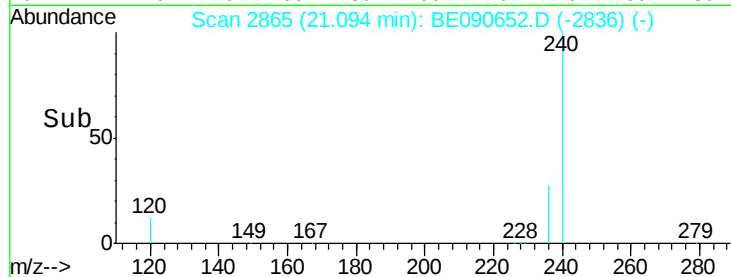
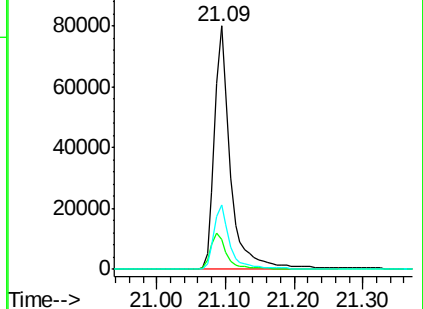
236 26.6 21.0 31.4



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: 4.24 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090652.D

Acq: 27 Aug 2015 16:13

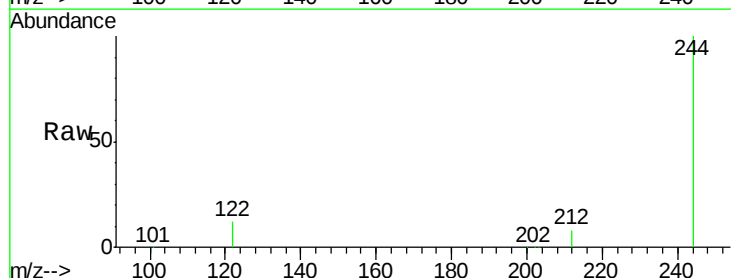
Tgt Ion:244 Resp: 100954

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

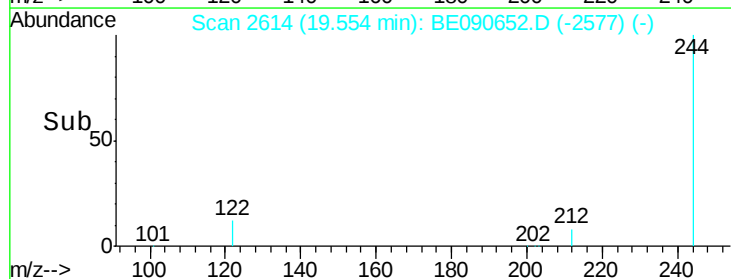
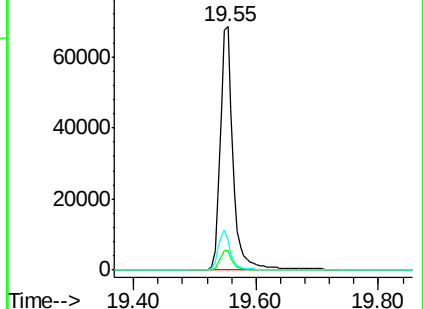
122 12.3 10.2 15.4

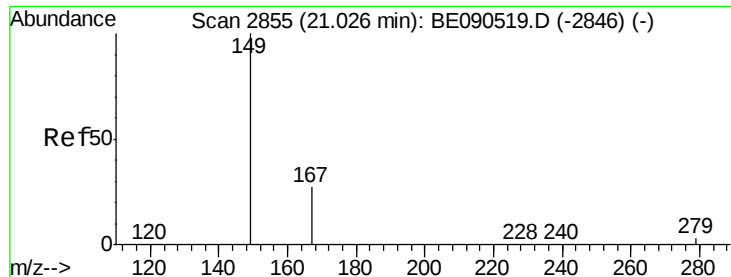


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

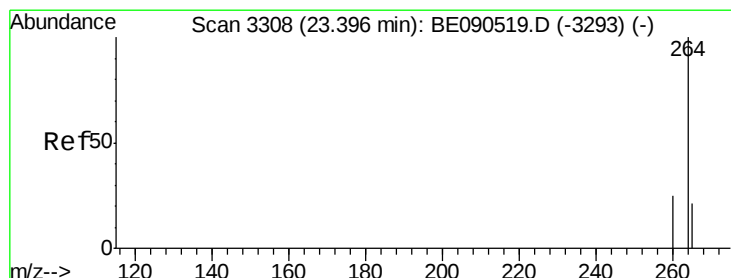
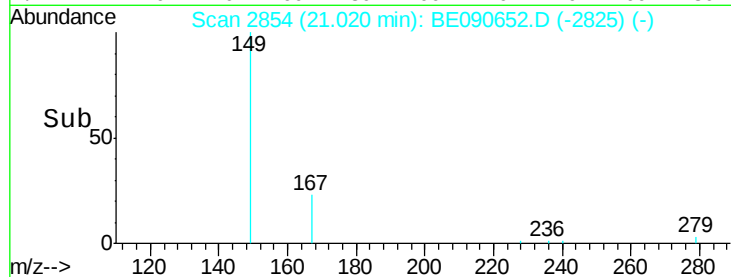
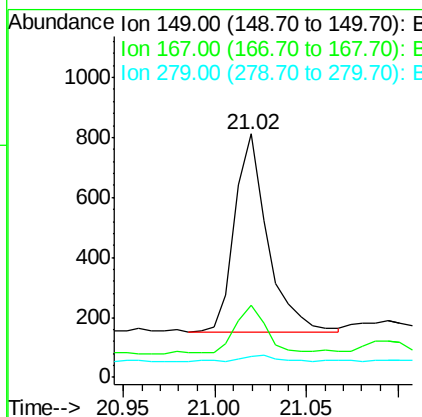
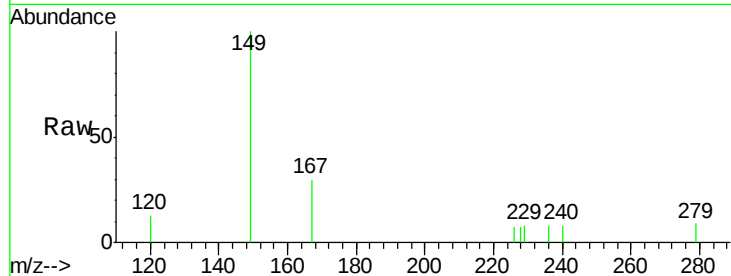




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-M

Tgt Ion:149 Resp: 827
 Ion Ratio Lower Upper
 149 100
 167 21.3 19.8 29.8
 279 3.1 2.4 3.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090652.D
 Acq: 27 Aug 2015 16:13

Tgt Ion:264 Resp: 108527
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.7 17.2 25.8

