

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
 Data File : BE090923.D
 Acq On : 21 Sep 2015 18:01
 Operator : UM/IZ
 Sample : G3745-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-B

Quant Time: Sep 21 18:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27782	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	117912	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	64775	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	158975	5.00	ng	0.00
26) Chrysene-d12	21.07	240	198962	5.00	ng	0.00
33) Perylene-d12	23.35	264	182090	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	21527	3.43	ng	0.00
5) Phenol-d6	6.76	99	15660	1.81	ng	0.00
8) Nitrobenzene-d5	8.71	82	33703	4.15	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	14584	6.38	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	74905	4.08	ng	0.00
28) Terphenyl-d14	19.52	244	129594	5.77	ng	0.00

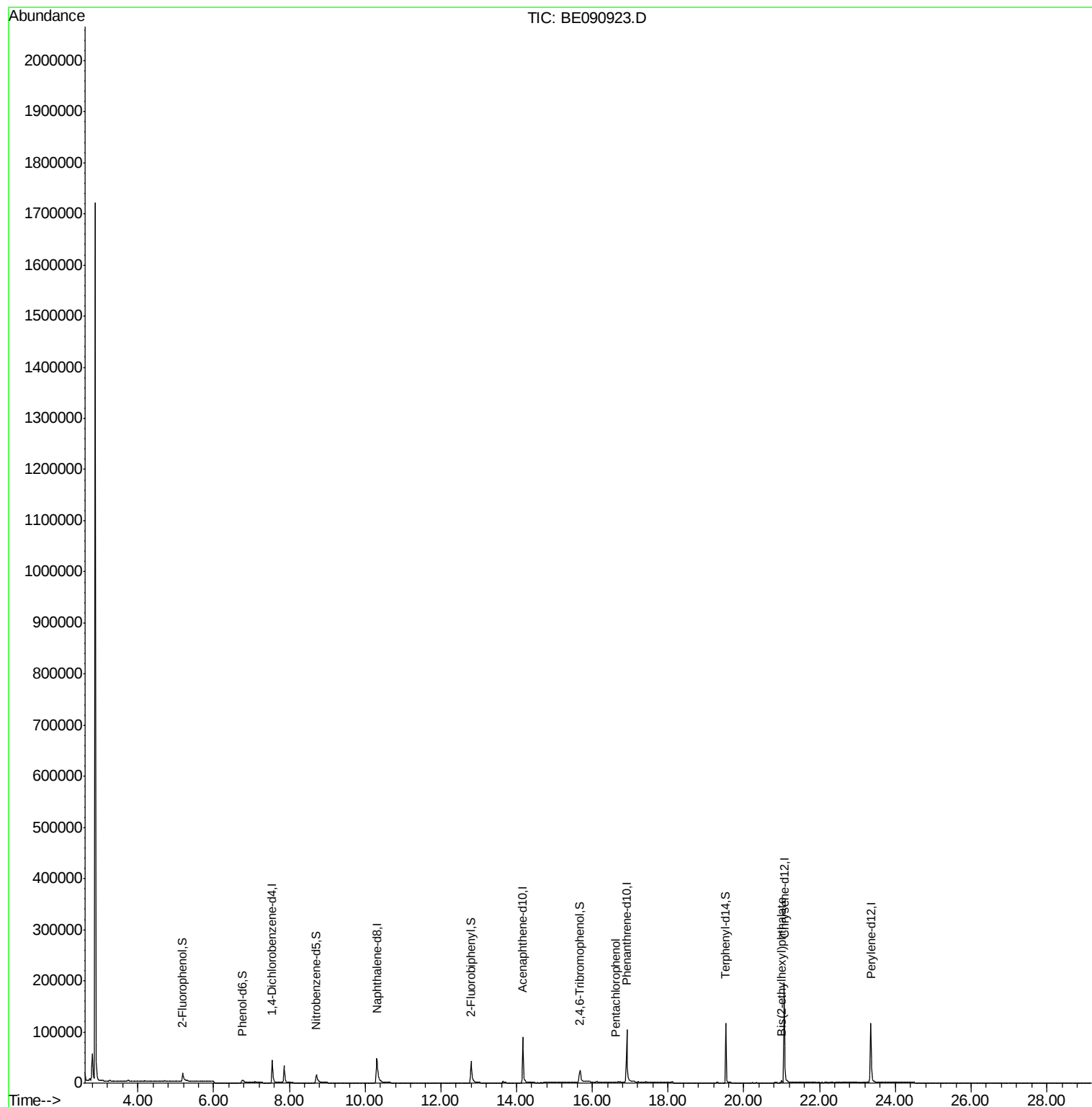
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	45	Below Cal	#	67
3) n-Nitrosodimethylamine	3.44	42	70	Below Cal	#	6
6) bis(2-Chloroethyl)ether	6.95	93	13	Below Cal	#	16
10) Naphthalene	10.36	128	203	Below Cal	#	9
11) Hexachlorobutadiene	10.66	225	5	Below Cal	#	53
18) Fluorene	15.22	166	122	Below Cal	#	93
21) Hexachlorobenzene	16.18	284	29	Below Cal	#	20
22) Pentachlorophenol	16.61	266	20	0.18 ng	#	60
23) Phenanthrene	16.94	178	701	Below Cal	#	82
30) Chrysene	21.10	228	418	Below Cal	#	65
31) Bis(2-ethylhexyl)phthalate	21.00	149	4532	0.36 ng		97

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090923.D
Acq On : 21 Sep 2015 18:01
Operator : UM/IZ
Sample : G3745-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-B

Quant Time: Sep 21 18:37:19 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

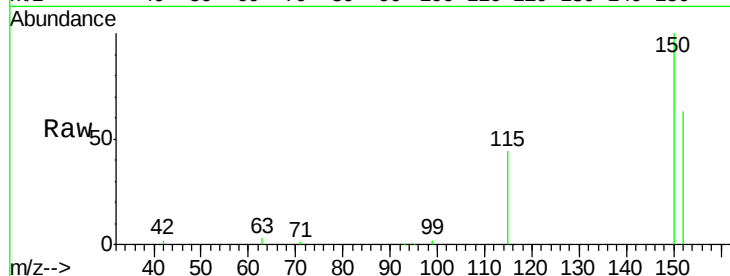
Tot Ion:152 Resp: 27782

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

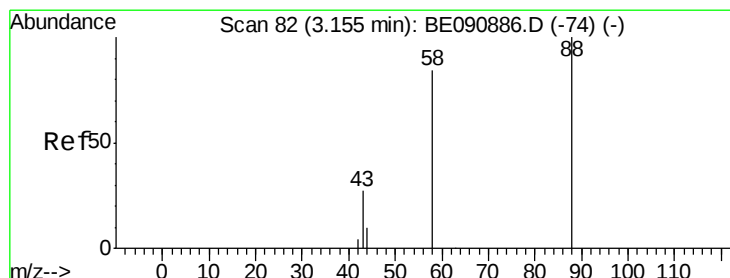
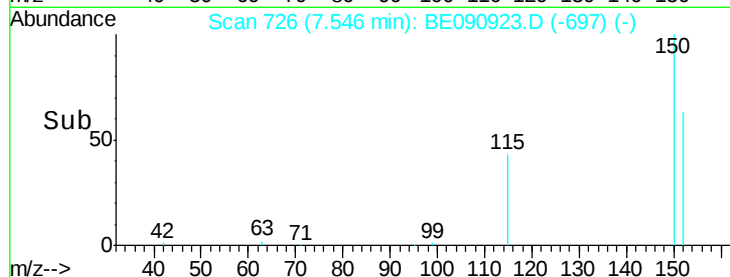
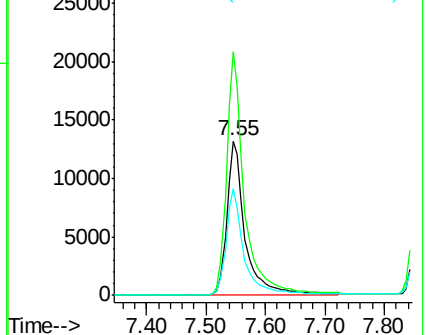
115 68.8 51.0 76.4



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: 3.19 min Scan# 87

Delta R.T. 0.04 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

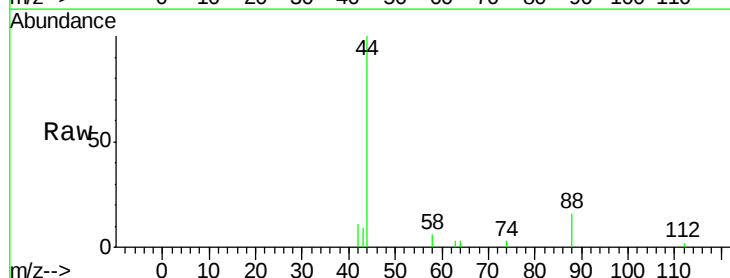
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

58 106.7 68.4 102.6#

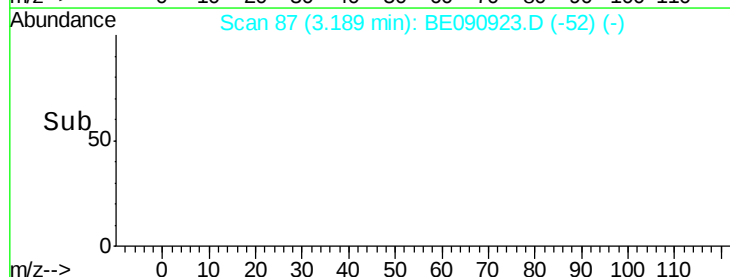
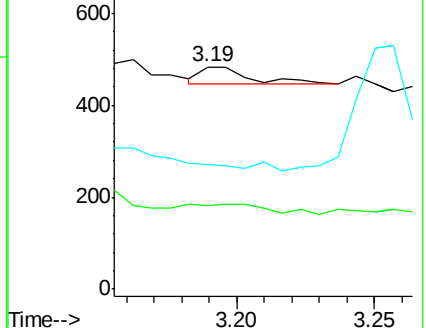
43 0.0 26.9 40.3#



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



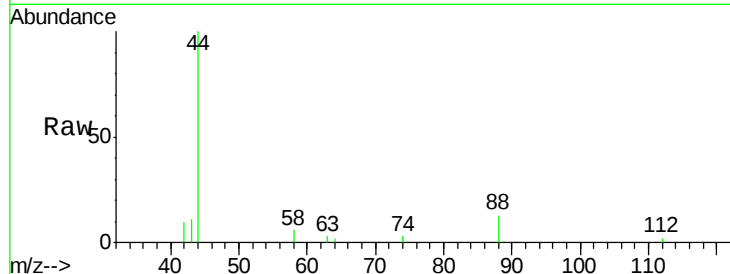


#3

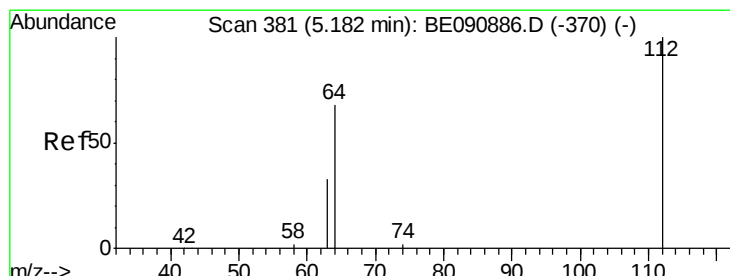
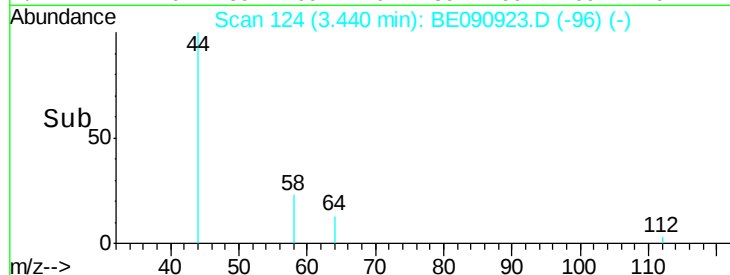
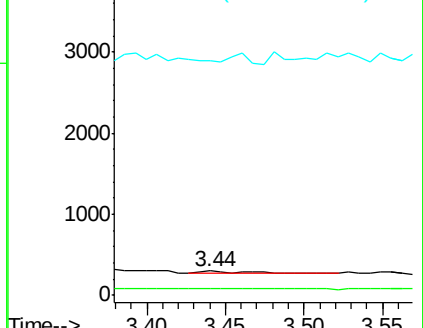
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090923.D
 Acq: 21 Sep 2015 18:01

Instrument :
 BNA_E
 ClientSampleId :
 091815-D534-E-U-B

Tot Ion: 42 Resp: 70
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



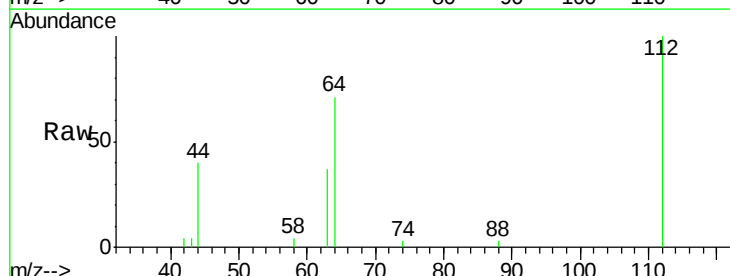
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



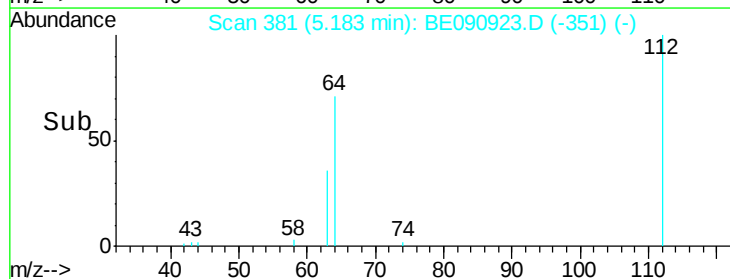
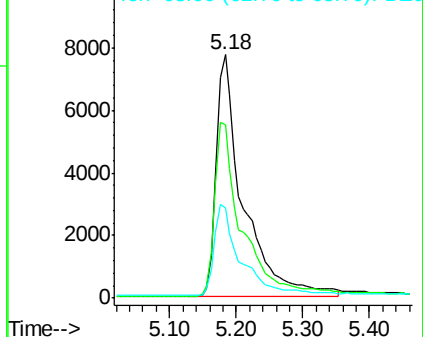
#4

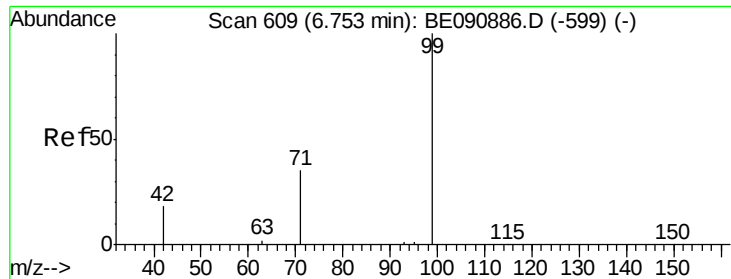
2-Fluorophenol
 Concen: 3.43 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090923.D
 Acq: 21 Sep 2015 18:01

Tgt Ion: 112 Resp: 21527
 Ion Ratio Lower Upper
 112 100
 64 72.8 57.3 85.9
 63 37.6 29.2 43.8



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





#5

Phenol-d6

Concen: 1.81 ng

RT: 6.76 min Scan# 610

Delta R.T. 0.01 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

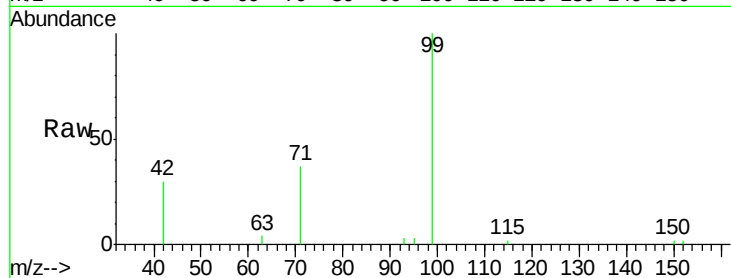
Tot Ion: 99 Resp: 15660

Ion Ratio Lower Upper

99 100

42 22.1 16.8 25.2

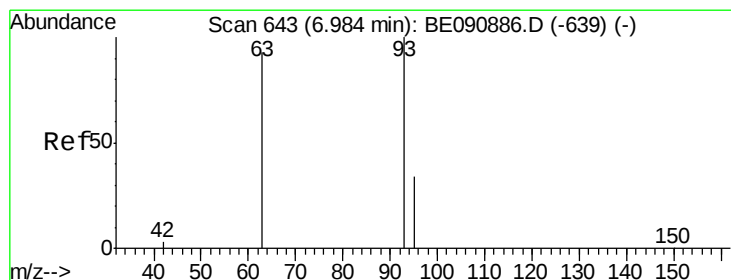
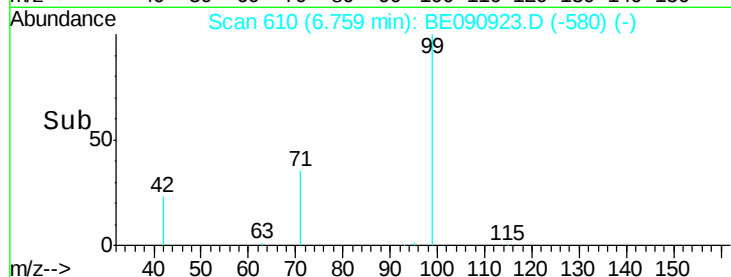
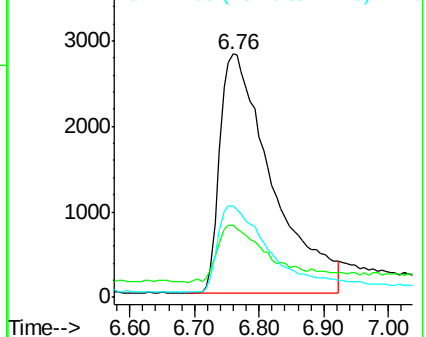
71 36.5 28.3 42.5



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

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.95 min Scan# 638

Delta R.T. -0.03 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

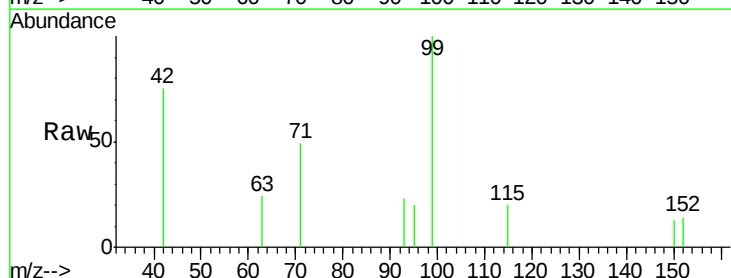
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

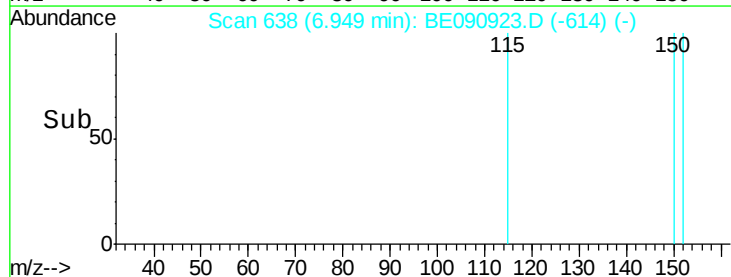
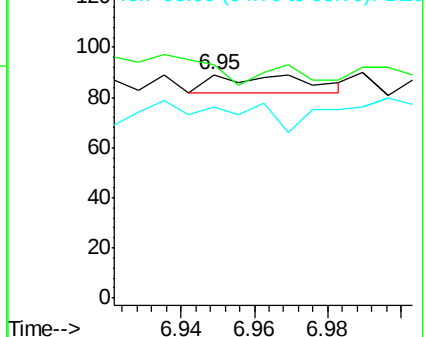
95 0.0 26.9 40.3#

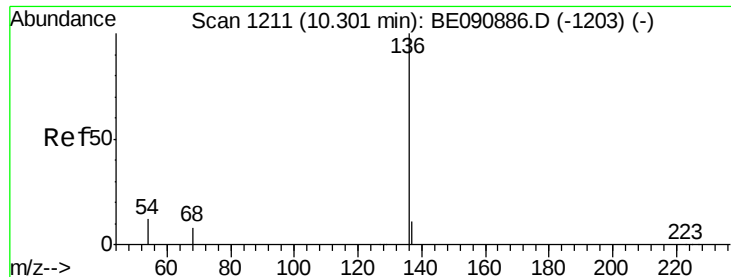


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

Tot Ion:136 Resp: 117912

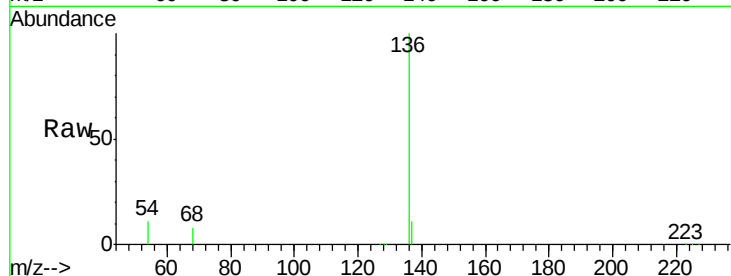
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.4 9.0 13.6

68 8.3 6.3 9.5

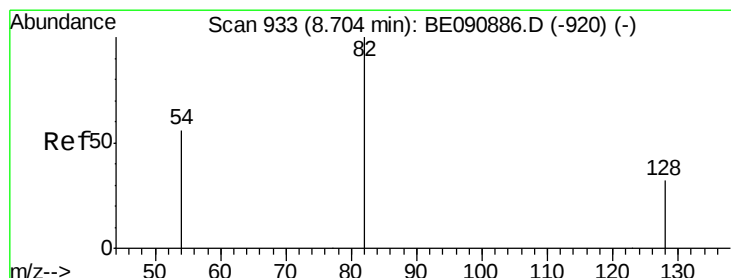
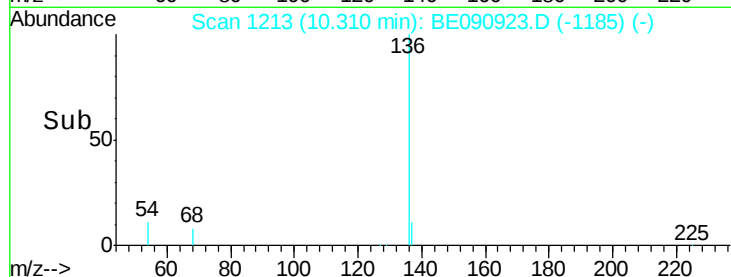
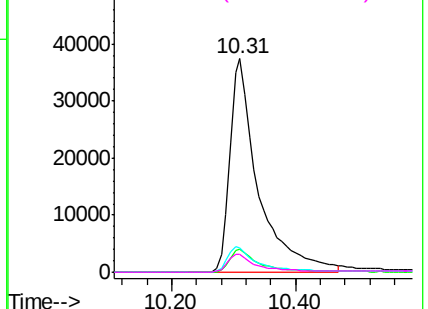


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.15 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

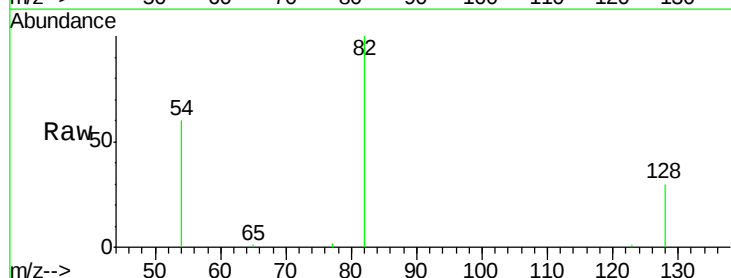
Tgt Ion: 82 Resp: 33703

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

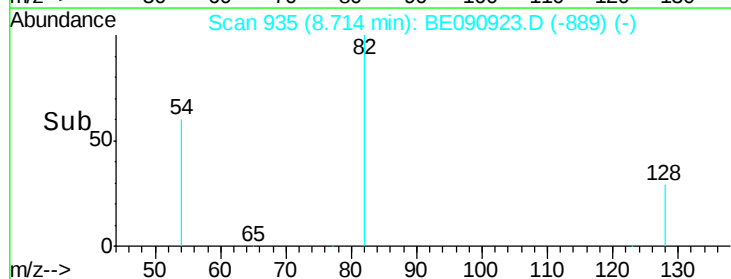
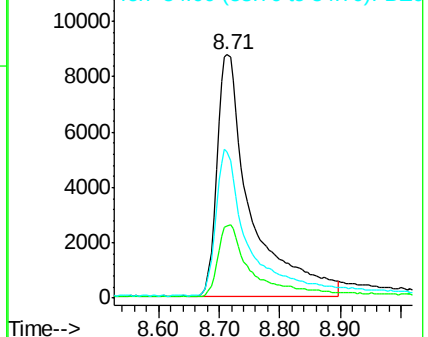
54 60.2 46.3 69.5

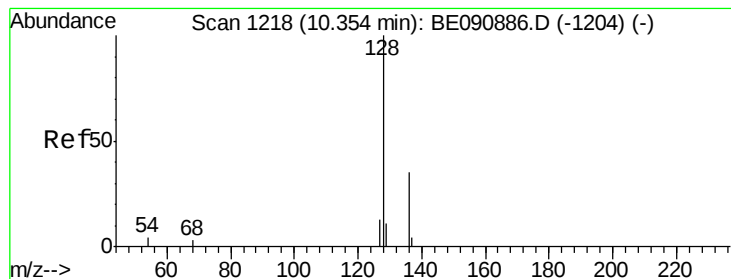


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Naphthalene

Concen: Below Cal

RT: 10.36 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

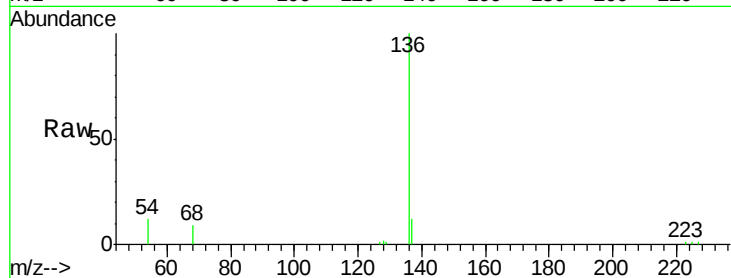
Tot Ion:128 Resp: 203

Ion Ratio Lower Upper

128 100

129 46.0 8.4 12.6#

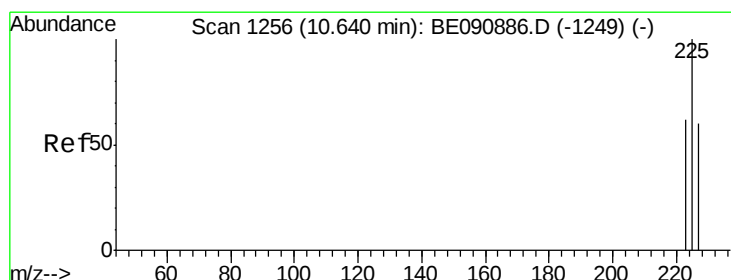
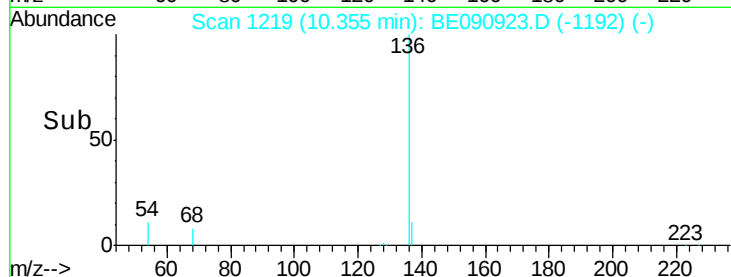
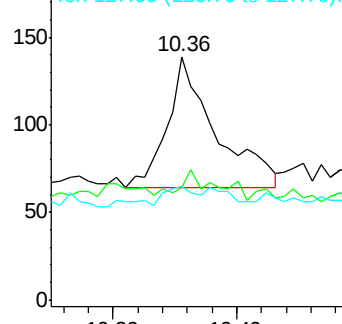
127 46.8 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

Hexachlorobutadiene

Concen: Below Cal

RT: 10.66 min Scan# 1260

Delta R.T. 0.03 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

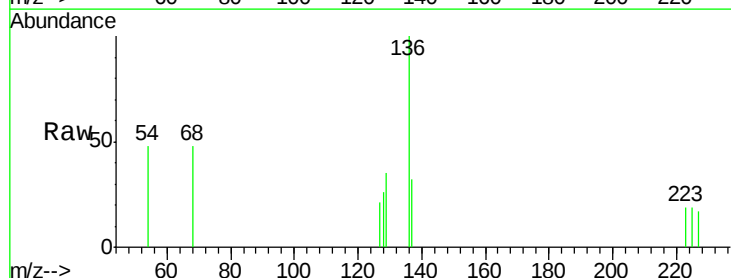
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 100.0 50.6 76.0#

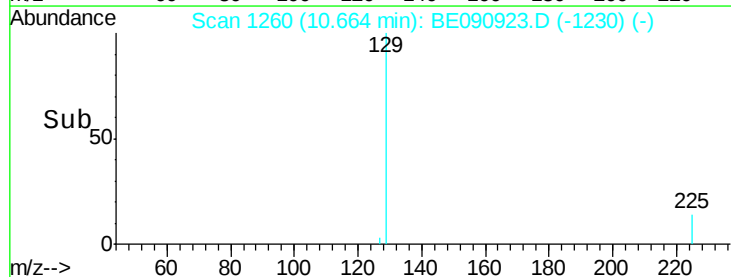
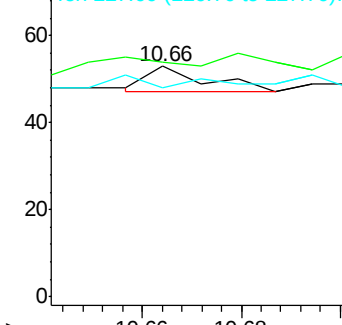
227 100.0 51.0 76.6#

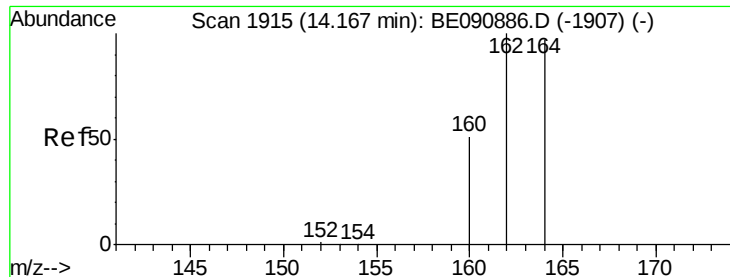


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

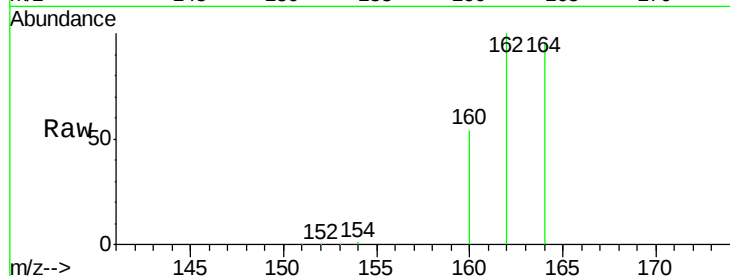
Tot Ion:164 Resp: 64775

Ion Ratio Lower Upper

164 100

162 104.8 86.8 130.2

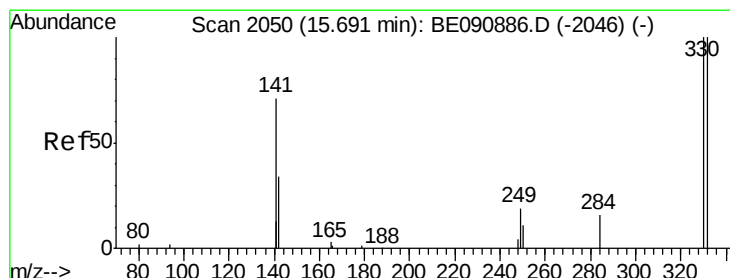
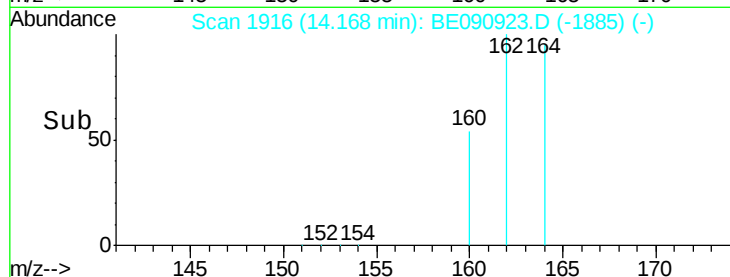
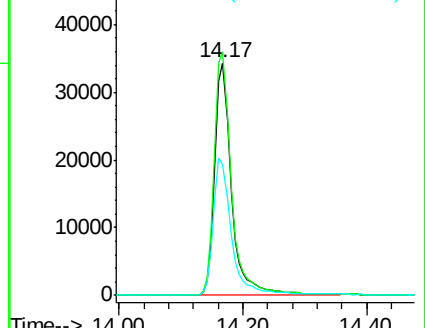
160 56.4 53.9 80.9



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



#14

2,4,6-Tribromophenol

Concen: 6.38 ng

RT: 15.67 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

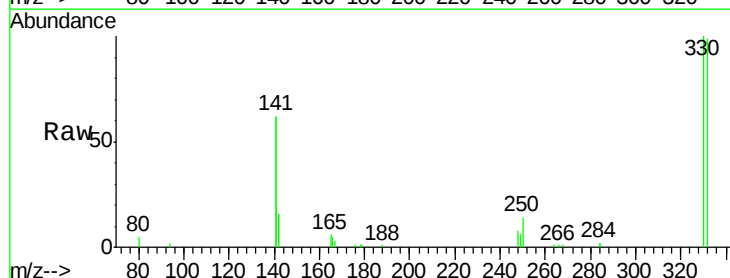
Tgt Ion:330 Resp: 14584

Ion Ratio Lower Upper

330 100

332 98.7 74.9 112.3

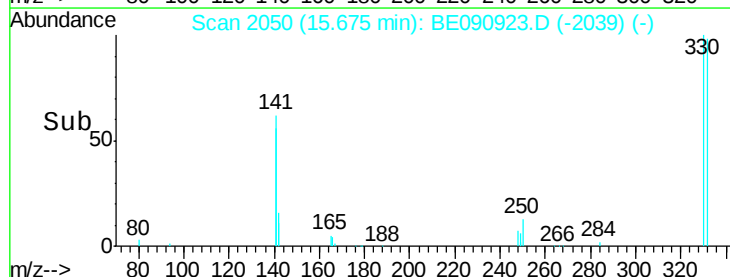
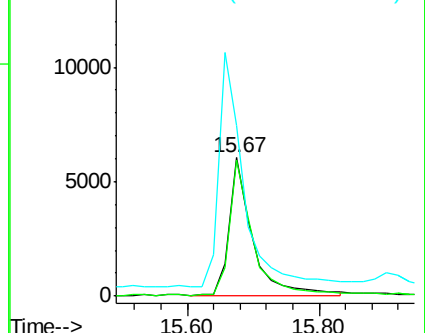
141 183.2 145.2 217.8

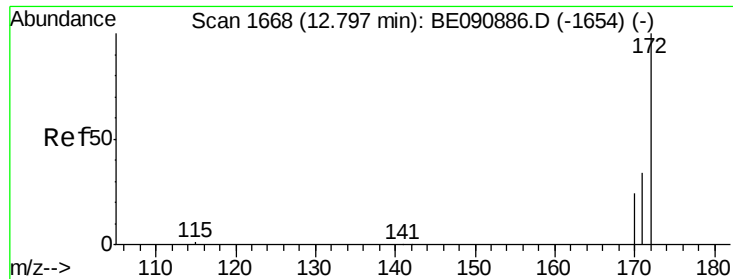


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

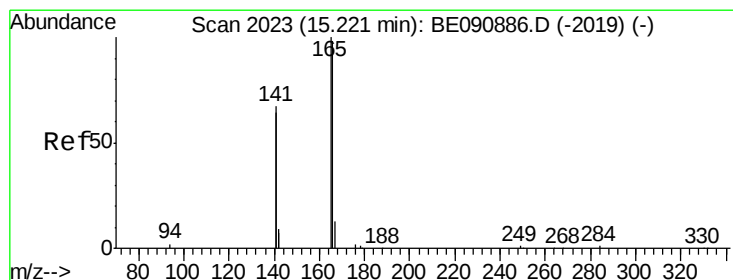
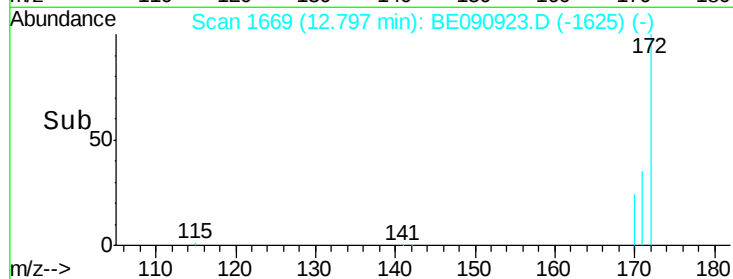
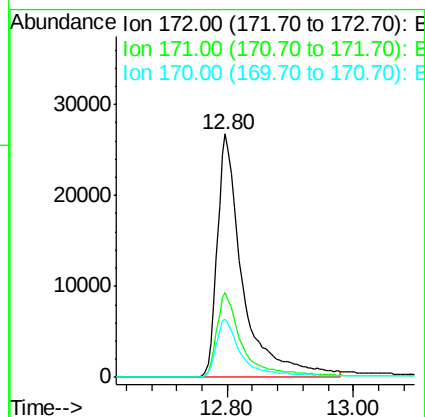
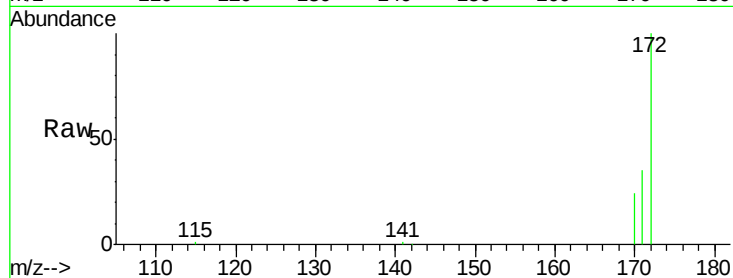




#15
2-Fluorobiphenyl
Concen: 4.08 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BE090923.D
Acq: 21 Sep 2015 18:01

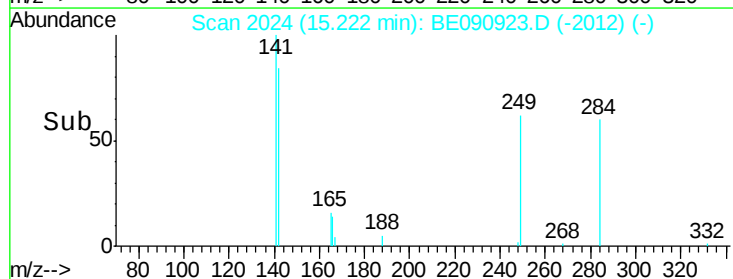
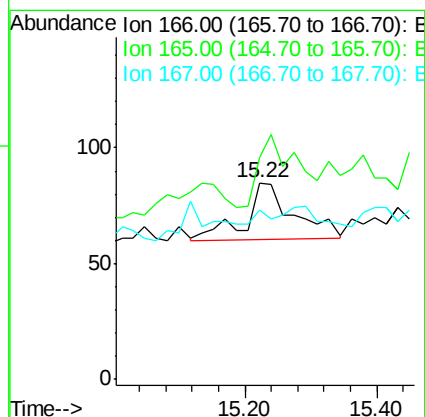
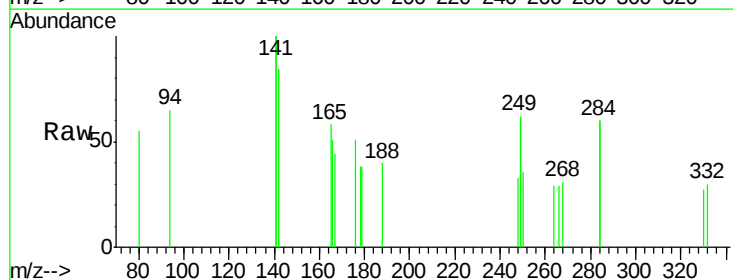
Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-B

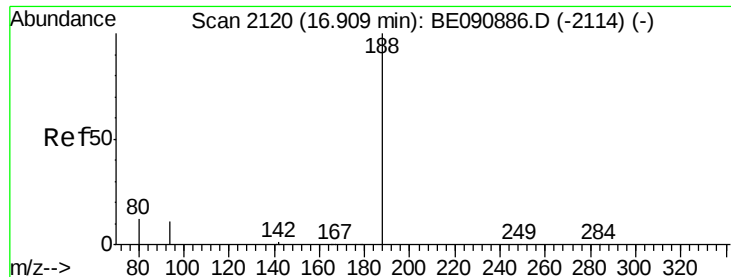
Tot Ion:172 Resp: 74905
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.8 19.8 29.6



#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090923.D
Acq: 21 Sep 2015 18:01

Tgt Ion:166 Resp: 122
Ion Ratio Lower Upper
166 100
165 106.6 82.7 124.1
167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

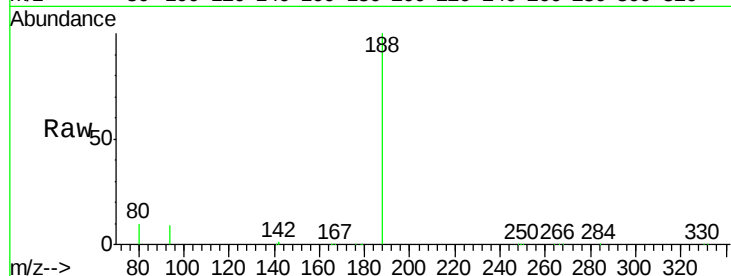
Tot Ion:188 Resp: 158975

Ion Ratio Lower Upper

188 100

94 9.2 10.3 15.5#

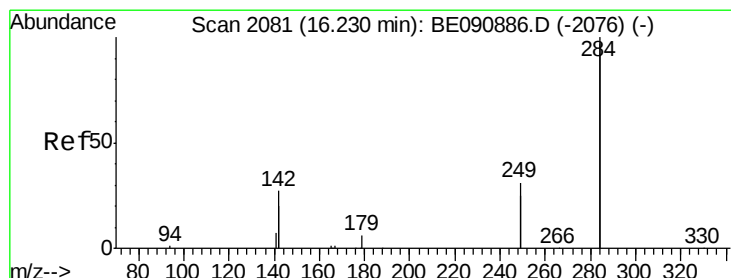
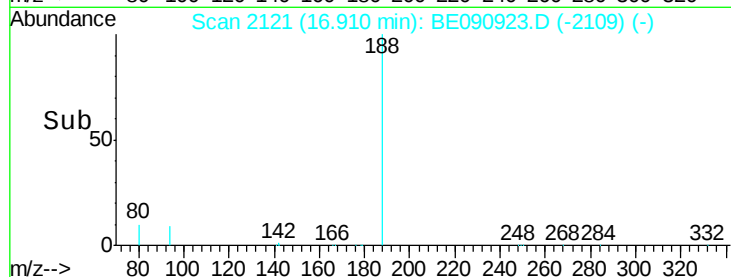
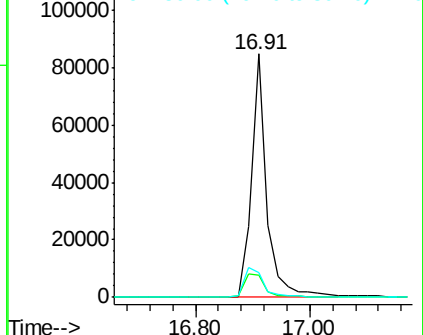
80 9.9 11.0 16.6#



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.18 min Scan# 2079

Delta R.T. -0.05 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

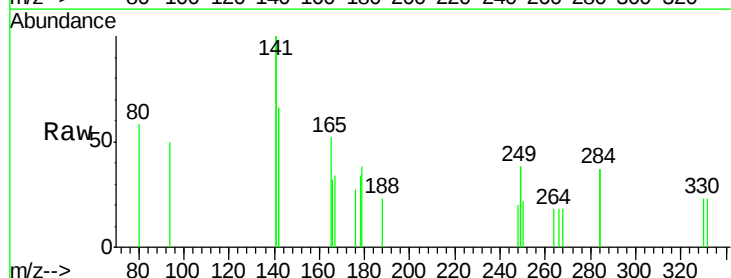
Tgt Ion:284 Resp: 29

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

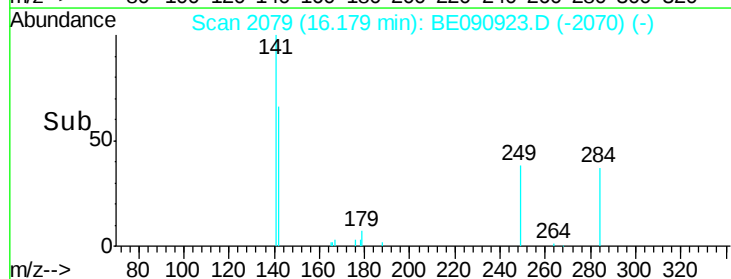
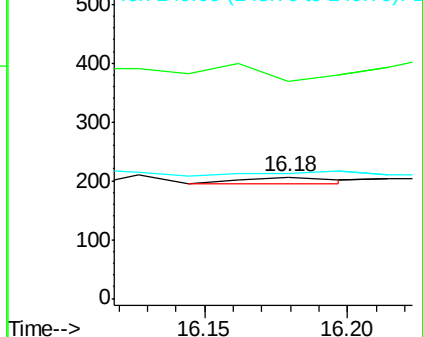
249 86.2 25.5 38.3#

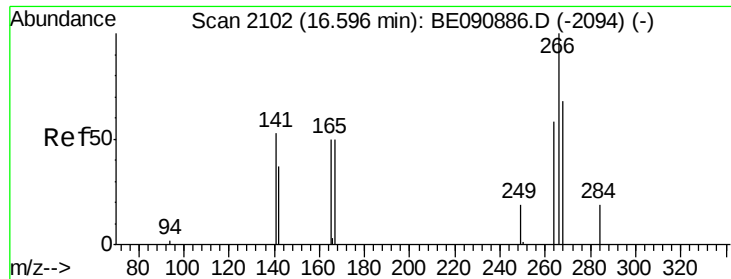


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.18 na

RT: 16.61 min Scan# 2104

Delta R.T. 0.02 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

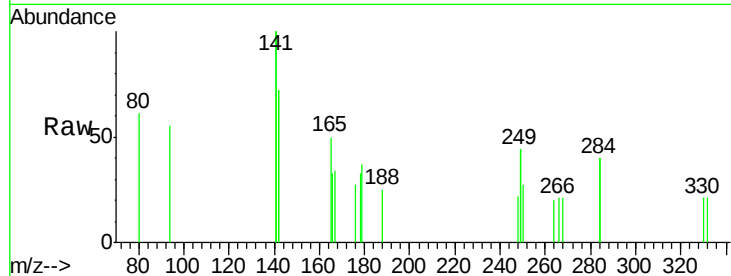
Tot Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

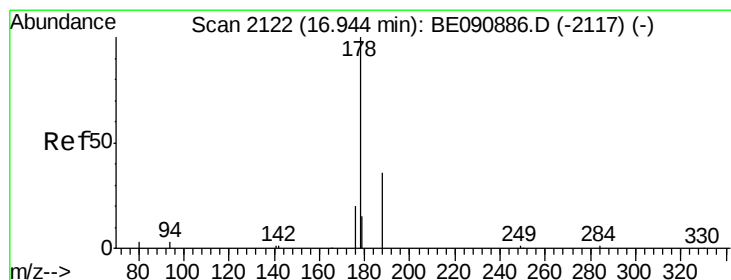
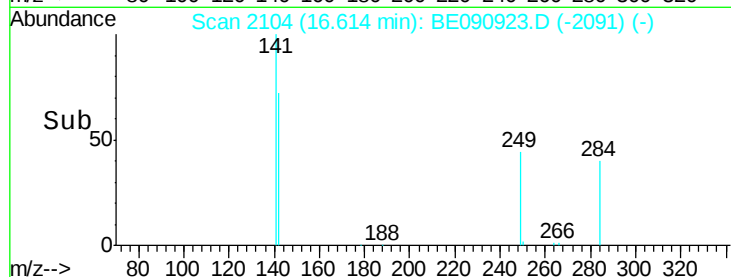
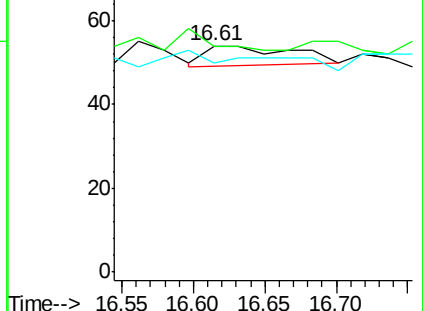
264 92.6 53.9 80.9#



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



#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

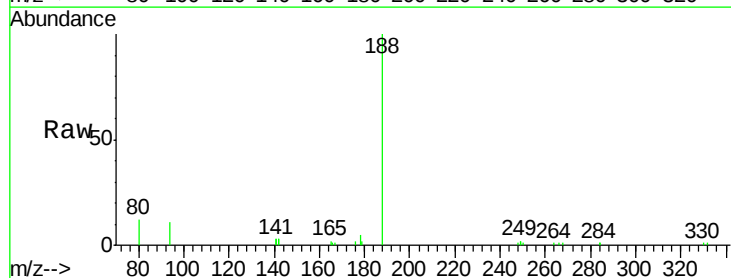
Tgt Ion:178 Resp: 701

Ion Ratio Lower Upper

178 100

176 20.7 15.6 23.4

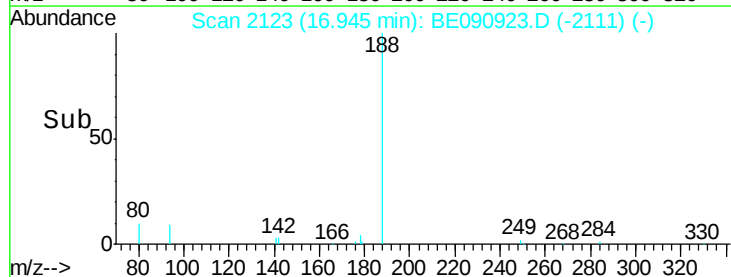
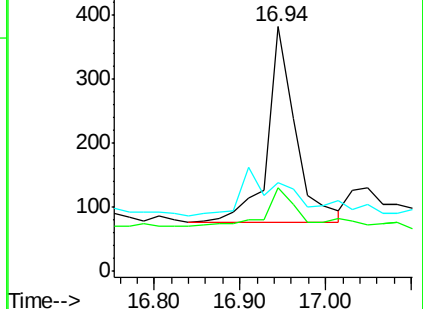
179 0.0 12.8 19.2#

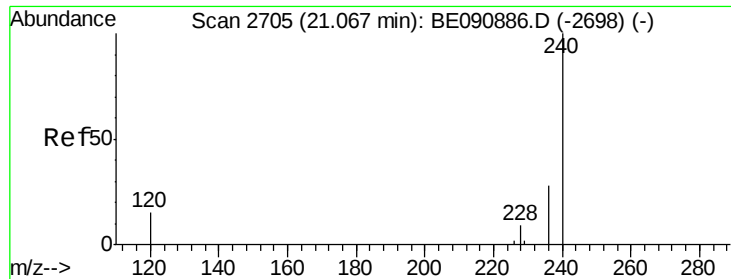


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

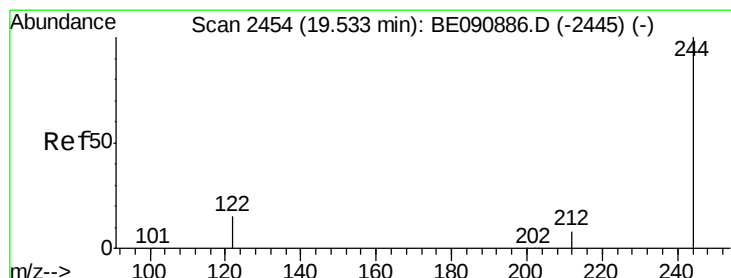
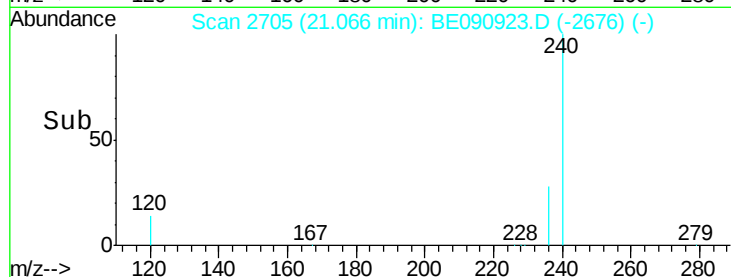
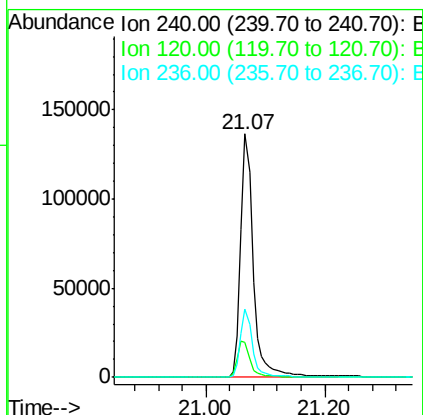
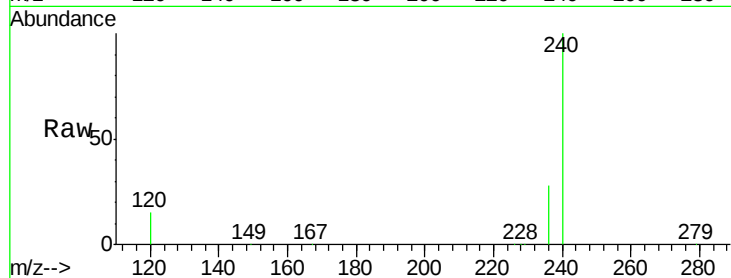




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090923.D
Acq: 21 Sep 2015 18:01

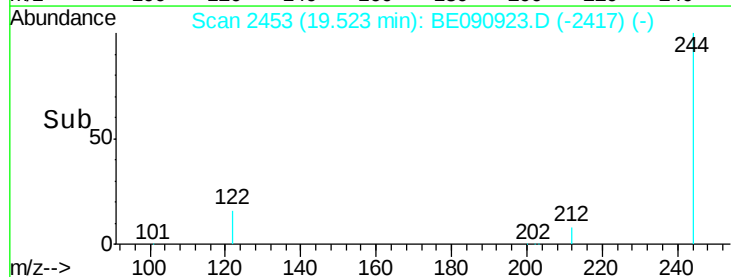
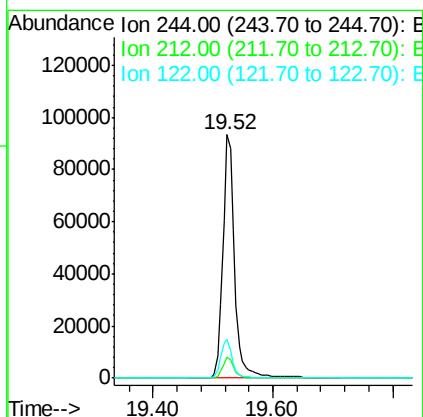
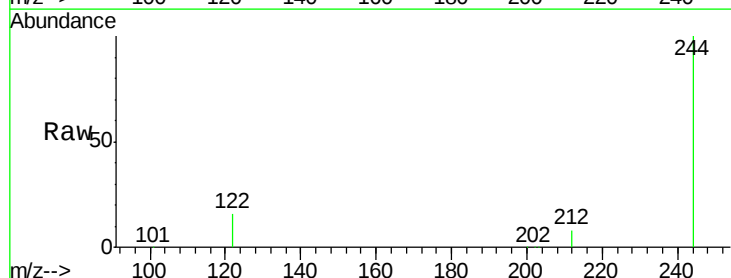
Instrument :
BNA_E
ClientSampleId :
091815-D534-E-U-B

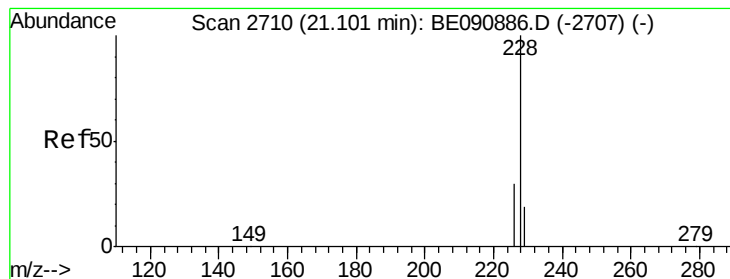
Tot Ion:240 Resp: 198962
Ion Ratio Lower Upper
240 100
120 14.6 10.1 15.1
236 27.9 21.9 32.9



#28
Terphenyl-d14
Concen: 5.77 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090923.D
Acq: 21 Sep 2015 18:01

Tgt Ion:244 Resp: 129594
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 16.1 12.9 19.3





#30

Chrvsene

Concen: Below Cal

RT: 21.10 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

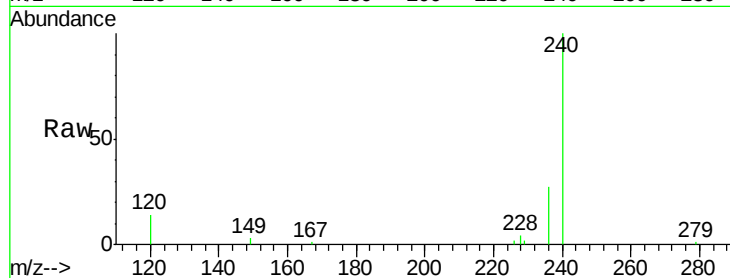
Tot Ion:228 Resp: 418

Ion Ratio Lower Upper

228 100

226 43.6 24.2 36.4#

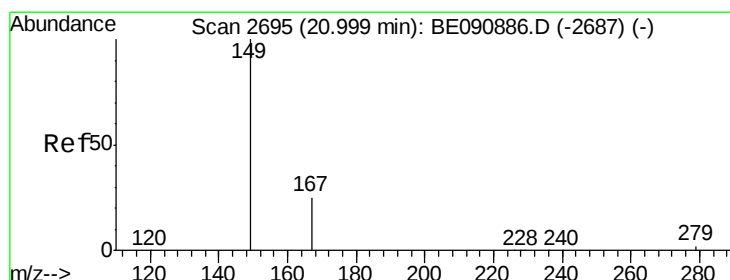
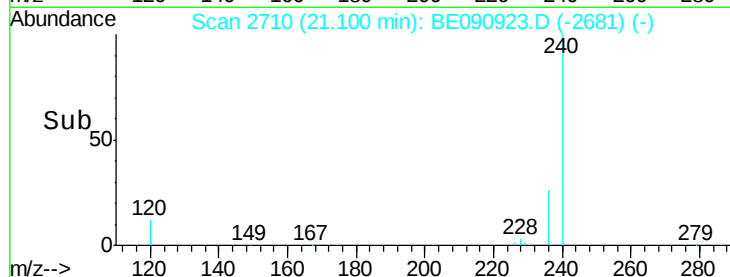
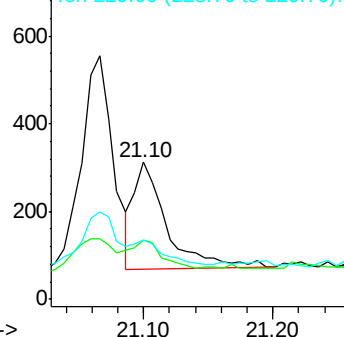
229 42.9 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.00 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

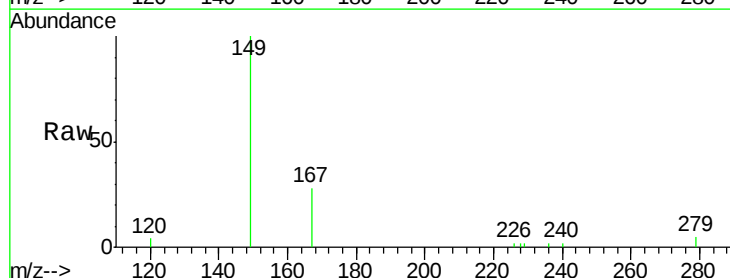
Tgt Ion:149 Resp: 4532

Ion Ratio Lower Upper

149 100

167 26.7 20.1 30.1

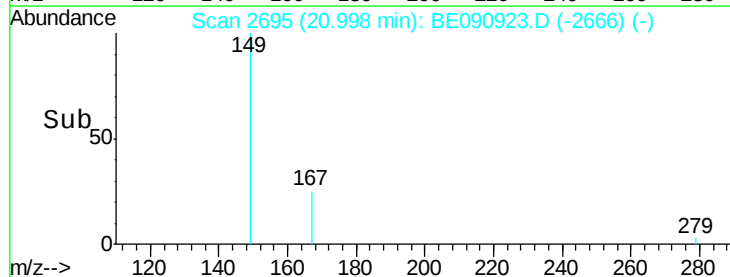
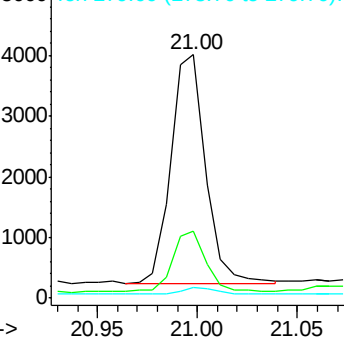
279 3.4 2.3 3.5

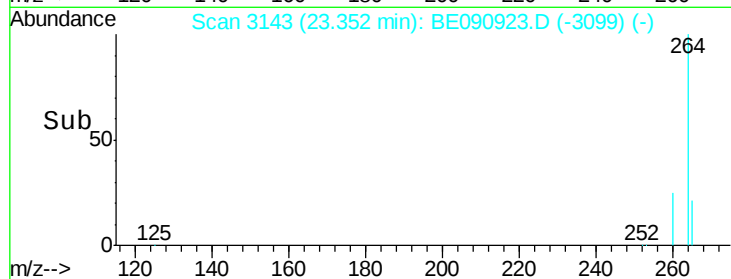
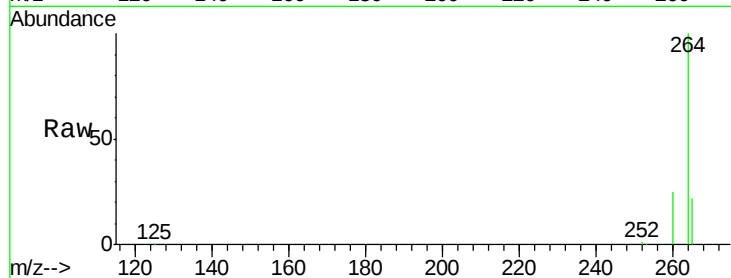
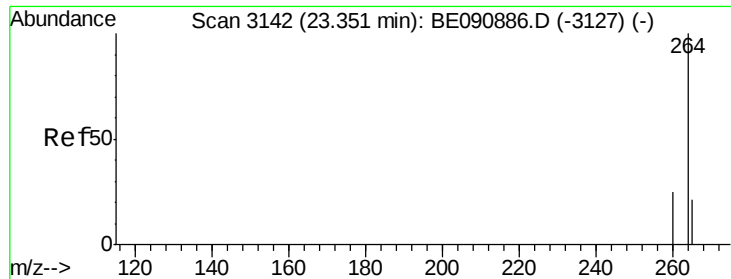


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Pervlene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BE090923.D

Acq: 21 Sep 2015 18:01

Instrument :

BNA_E

ClientSampleId :

091815-D534-E-U-B

Tot Ion: 264 Resp: 182090

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 21.7 17.5 26.3

