

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090484.D
 Acq On : 13 Aug 2015 1:23
 Operator : UM/IZ
 Sample : PB84969BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 02:31:24 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19465	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	87707	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51282	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	123467	5.00	ng	0.00
25) Chrysene-d12	21.09	240	135077	5.00	ng	0.00
32) Perylene-d12	23.40	264	120915	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	35712	12.23	ng	0.00
5) Phenol-d6	6.77	99	52393	8.26	ng	0.00
7) Nitrobenzene-d5	8.73	82	22676	3.25	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	12617	8.03	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	54462	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	93258	4.69	ng	-0.01

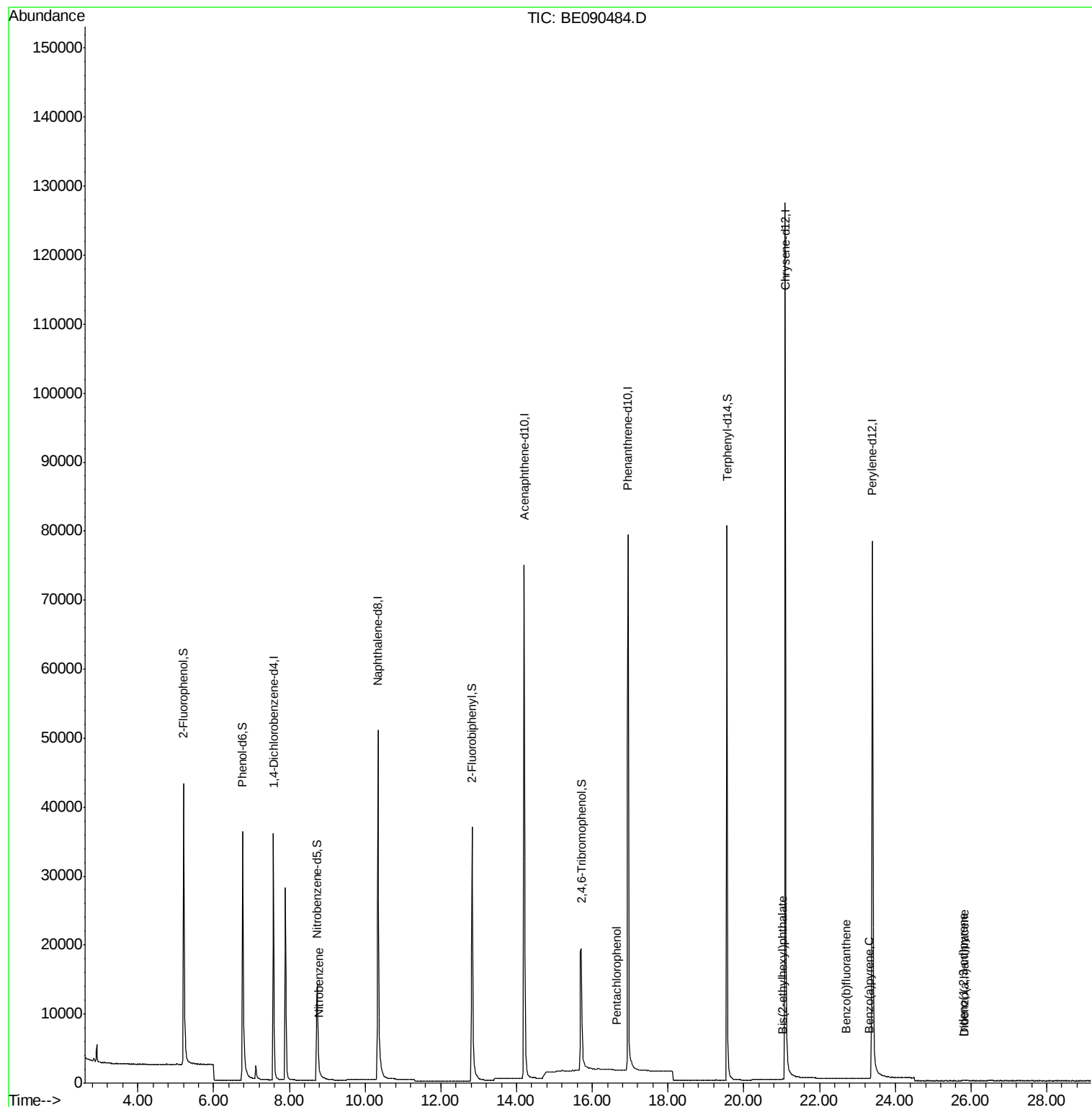
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	42	Below Cal	#	23
8) Nitrobenzene	8.78	77	17	0.21 ng	#	66
10) Hexachlorobutadiene	10.66	225	2	Below Cal	#	3
21) Pentachlorophenol	16.65	266	8	0.10 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.03	149	55	0.12 ng	#	83
31) Indeno(1,2,3-cd)pyrene	25.79	276	23	0.25 ng	#	50
33) Benzo(b)fluoranthene	22.71	252	36	0.19 ng	#	1
35) Benzo(a)pyrene	23.30	252	44	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.82	278	18	0.28 ng	#	1

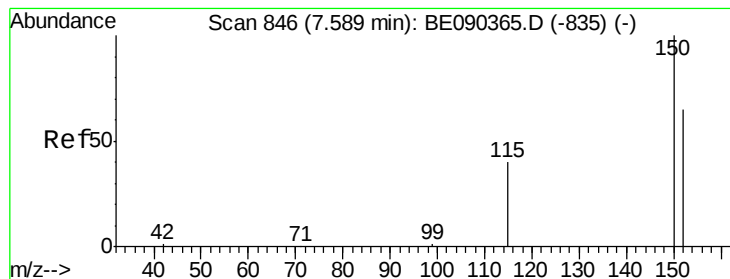
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090484.D
Acq On : 13 Aug 2015 1:23
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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 02:31:24 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

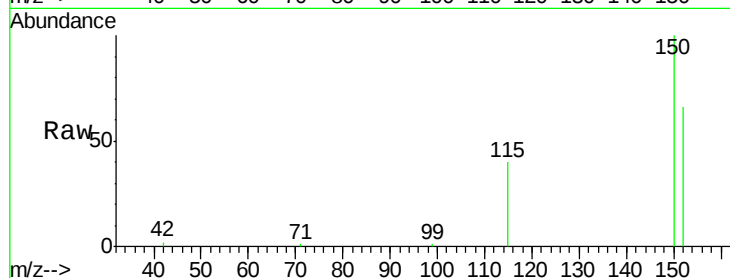
Tot Ion:152 Resp: 19465

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

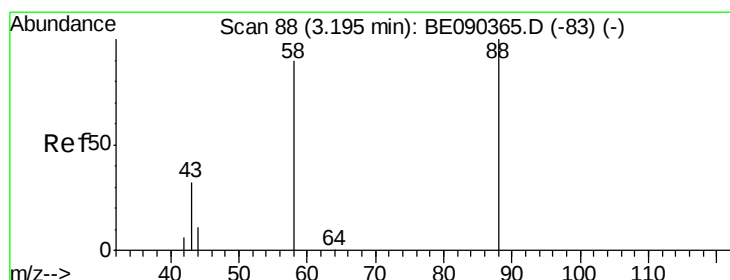
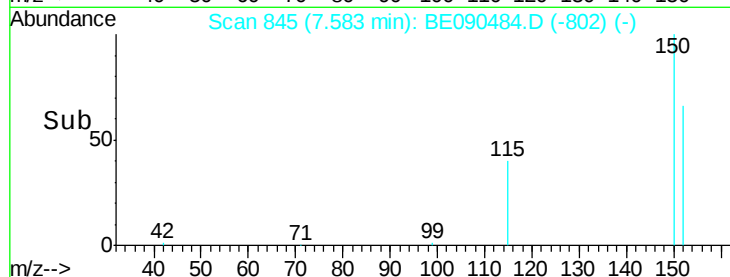
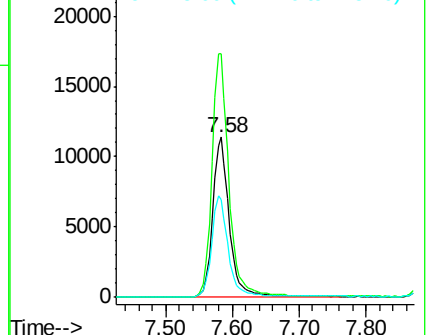
115 61.0 48.9 73.3



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: 3.21 min Scan# 90

Delta R.T. 0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

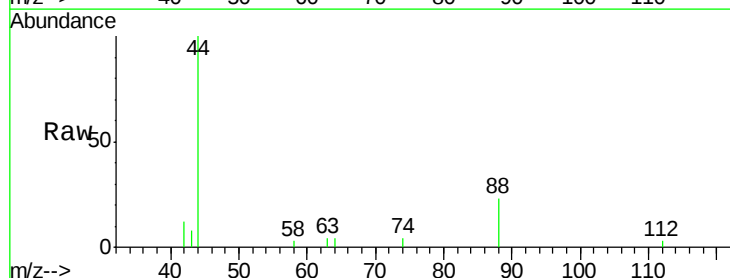
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

58 9.5 70.0 105.0#

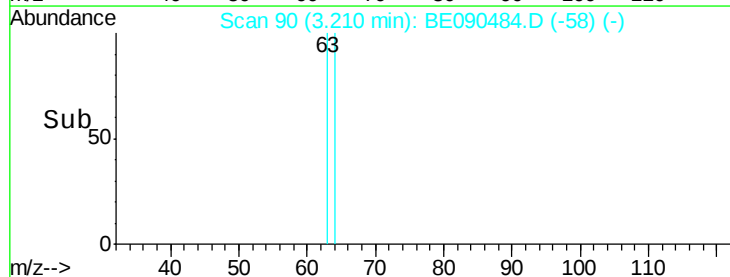
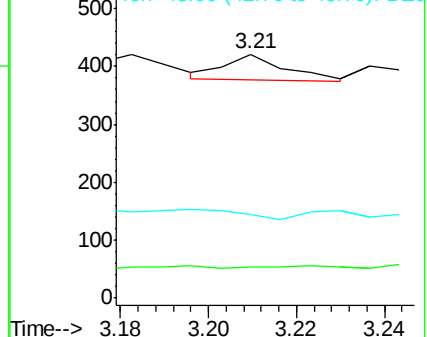
43 0.0 28.4 42.6#



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: 12.23 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampled :

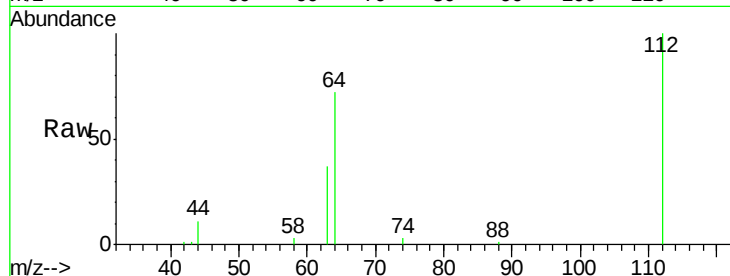
Tot Ion:112 Resp: 35712

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

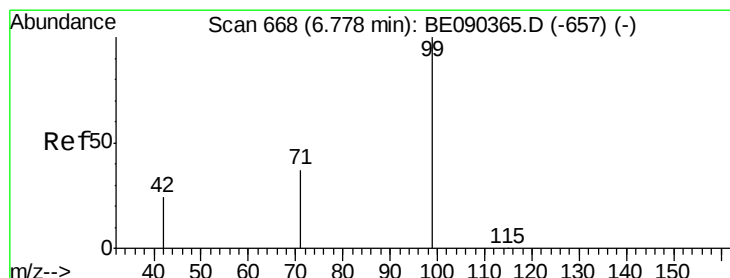
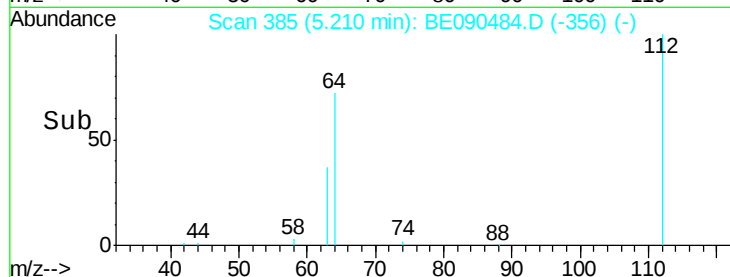
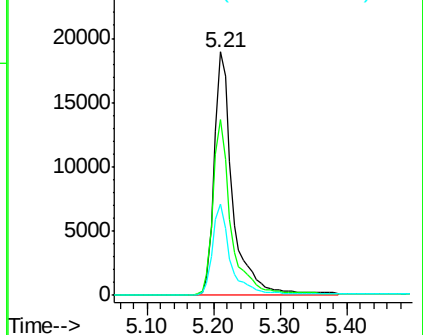
63 36.3 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090365.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090365.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090365.D (-380) (-)



#5

Phenol-d6

Concen: 8.26 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

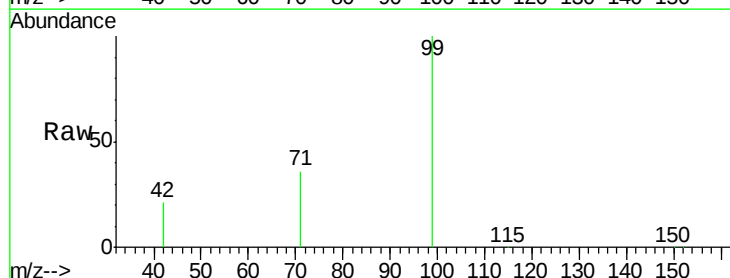
Tgt Ion: 99 Resp: 52393

Ion Ratio Lower Upper

99 100

42 21.3 18.2 27.4

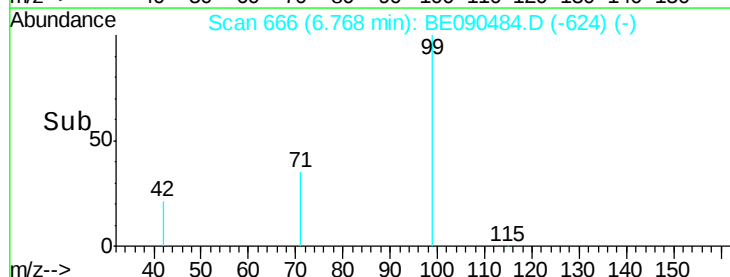
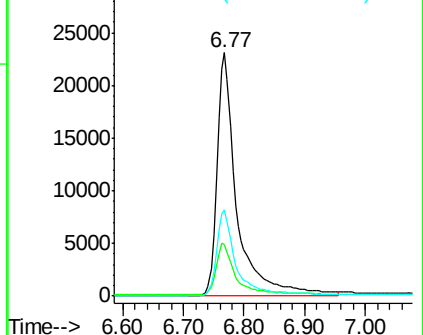
71 35.3 27.4 41.0

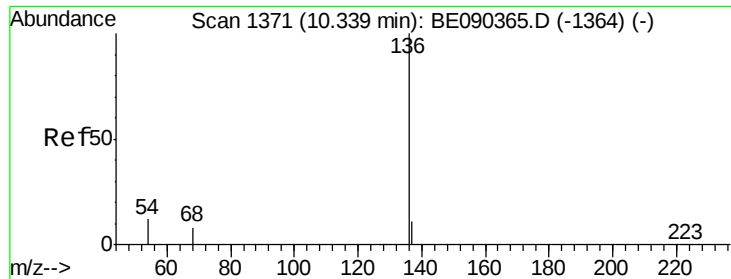


Abundance Ion 99.00 (98.70 to 99.70): BE090365.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BE090365.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BE090365.D (-657) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 87707

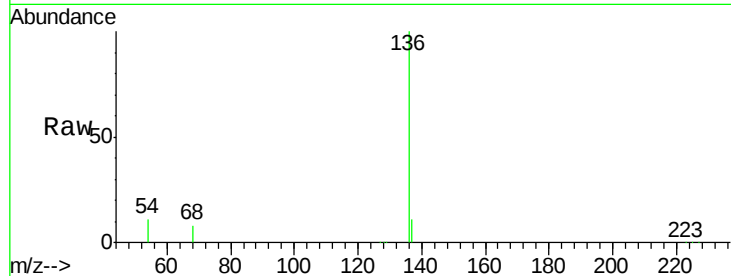
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 9.4 14.0

68 8.3 6.5 9.7

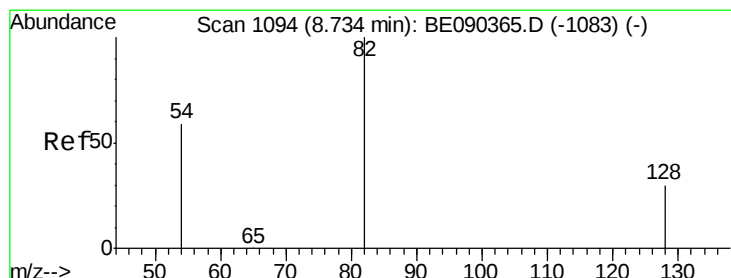
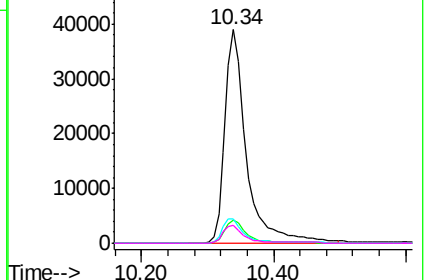
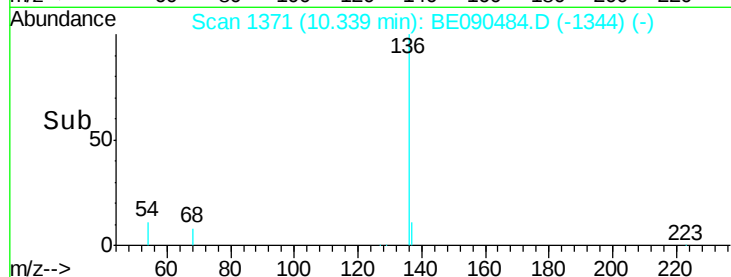


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.25 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

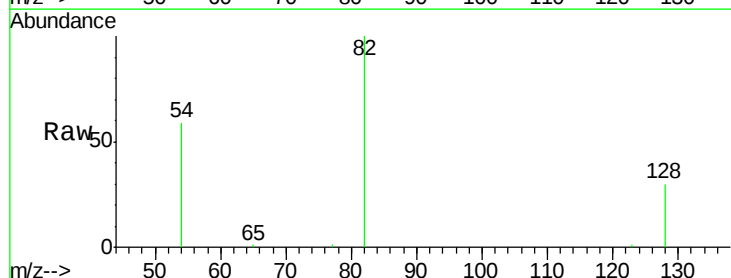
Tgt Ion: 82 Resp: 22676

Ion Ratio Lower Upper

82 100

128 30.3 25.0 37.6

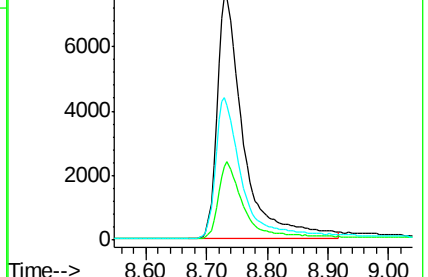
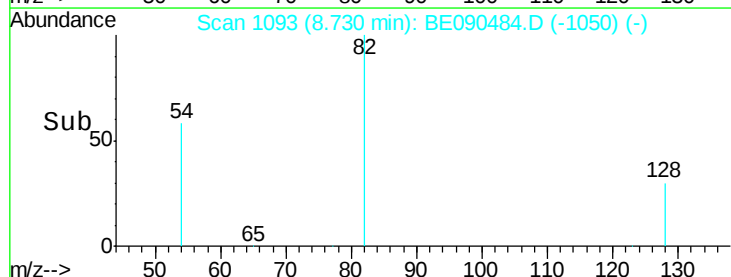
54 58.7 48.8 73.2

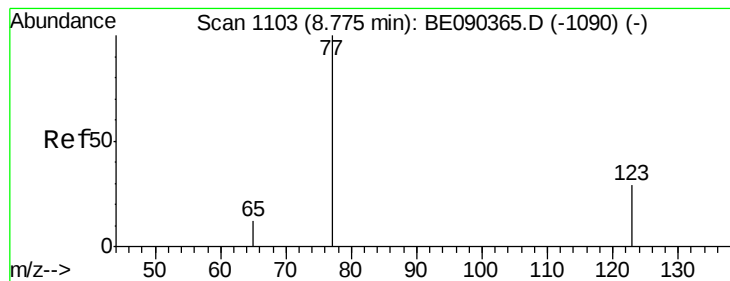


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.78 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

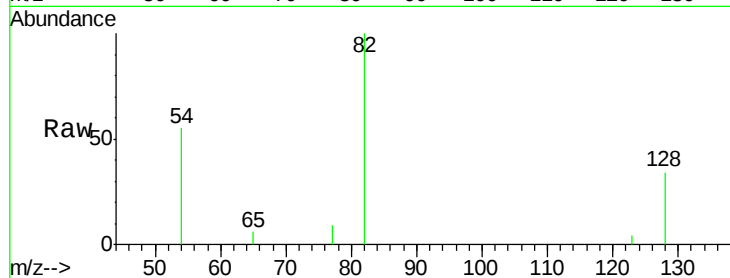
Tot Ion: 77 Resp: 17

Ion Ratio Lower Upper

77 100

123 11.8 25.1 37.7#

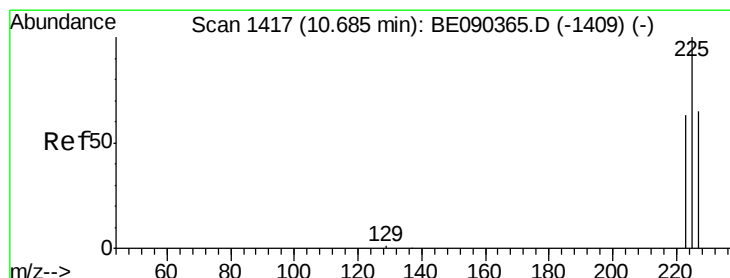
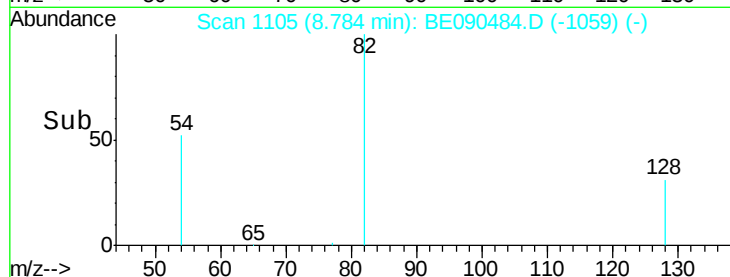
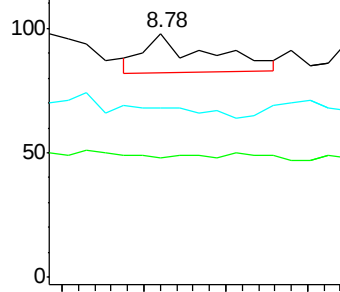
65 0.0 9.3 13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE090365.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090365.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090365.D (-1090) (-)



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.66 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

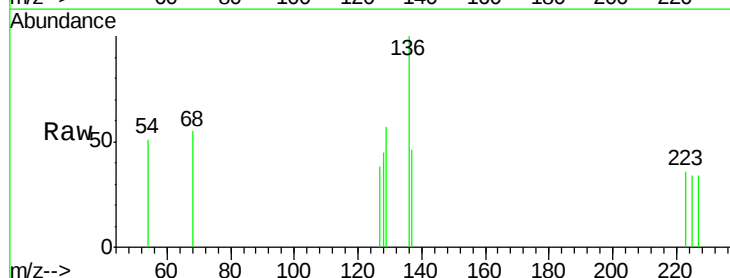
Tgt Ion: 225 Resp: 2

Ion Ratio Lower Upper

225 100

223 150.0 50.6 75.8#

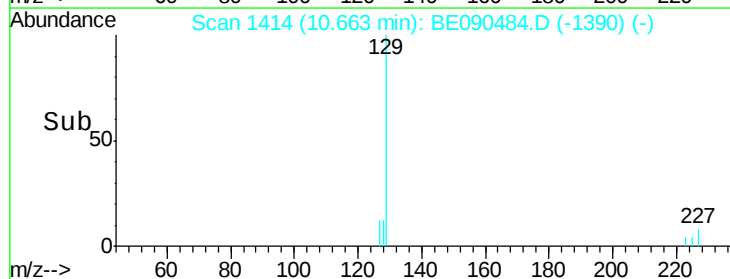
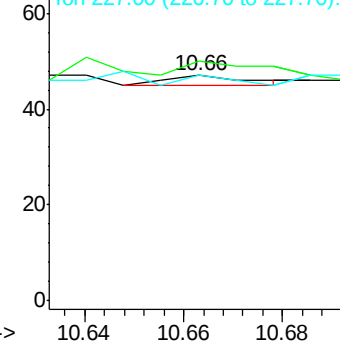
227 0.0 50.7 76.1#

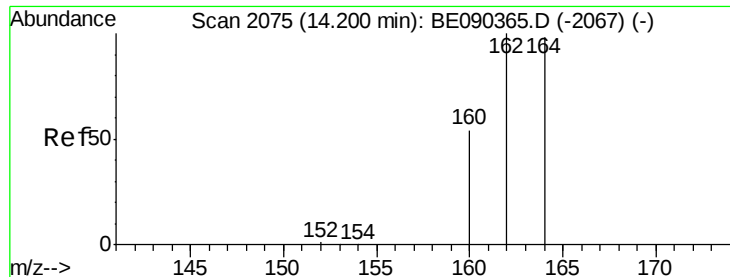


Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

Ion 223.00 (222.70 to 223.70): BE090365.D (-1409) (-)

Ion 227.00 (226.70 to 227.70): BE090365.D (-1409) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

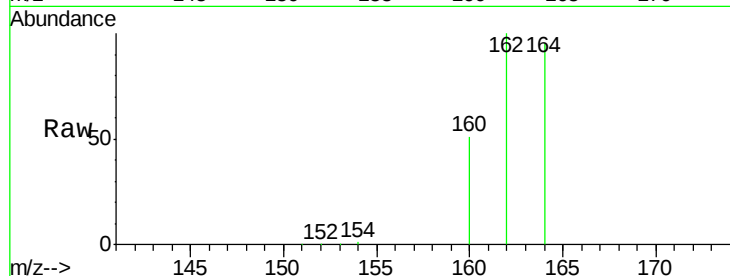
Tot Ion:164 Resp: 51282

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

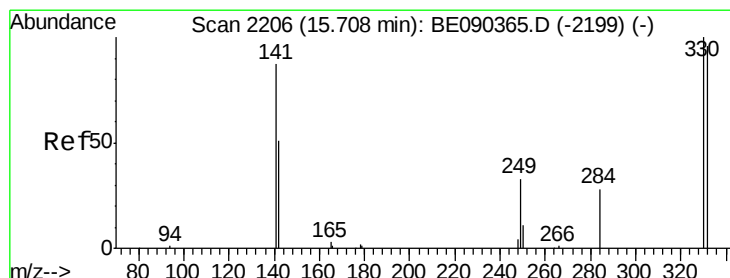
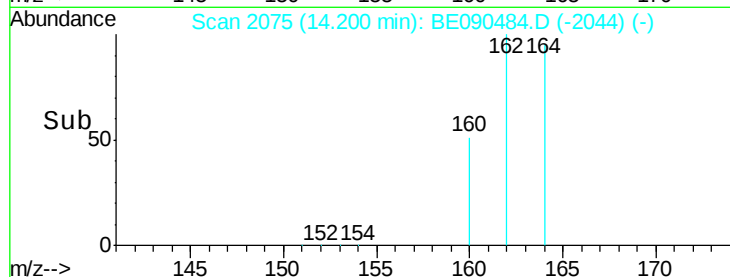
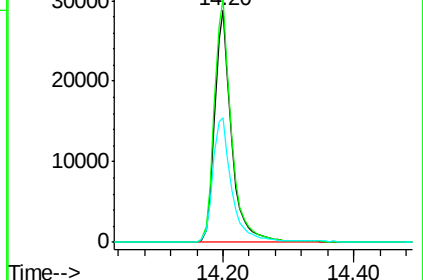
160 53.6 44.2 66.4



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: 8.03 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

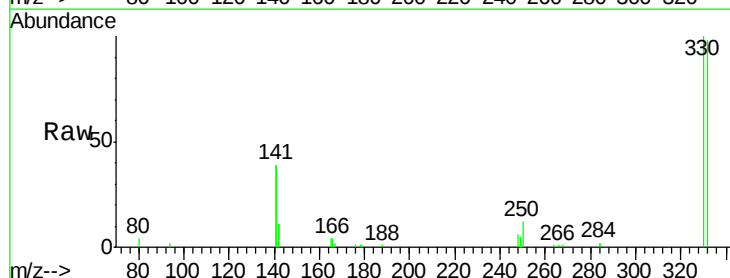
Tgt Ion:330 Resp: 12617

Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

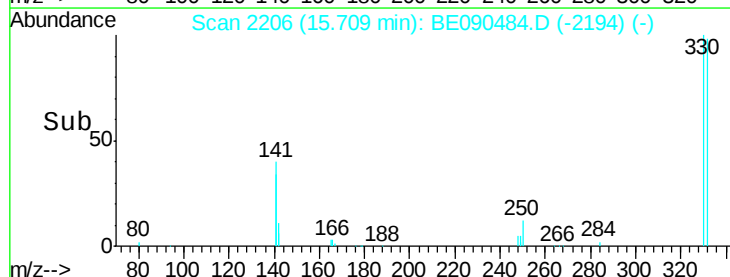
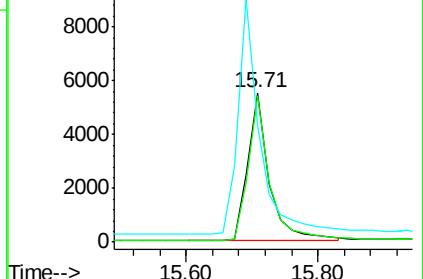
141 160.5 114.4 171.6



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

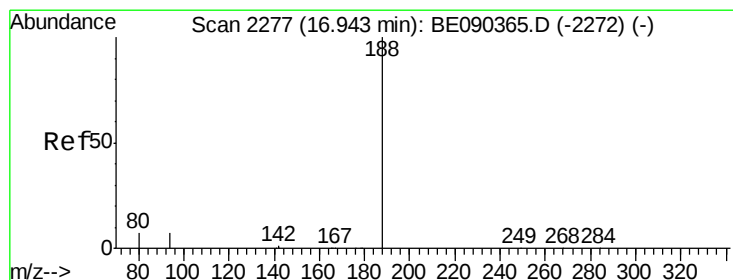
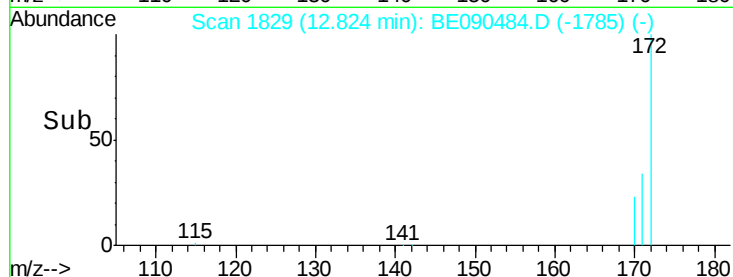
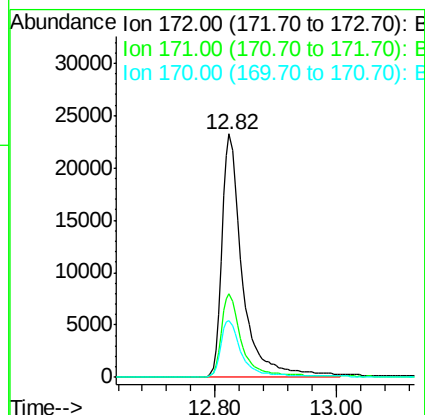
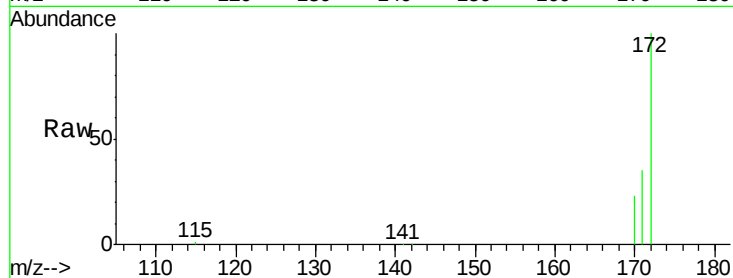




#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.82 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

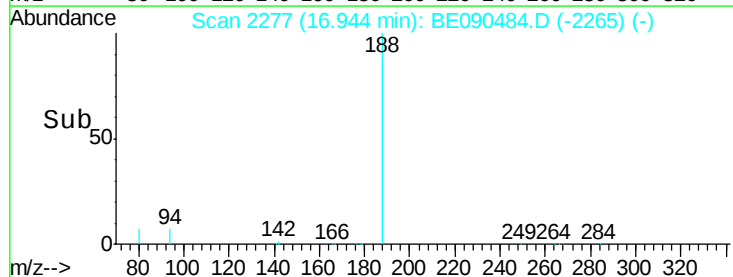
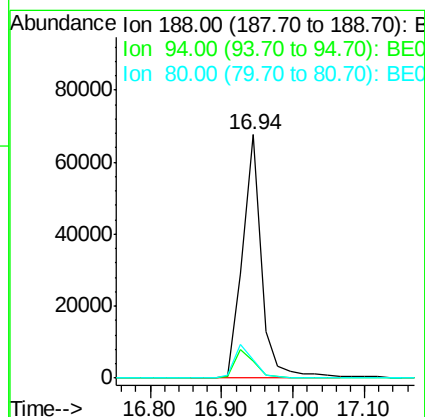
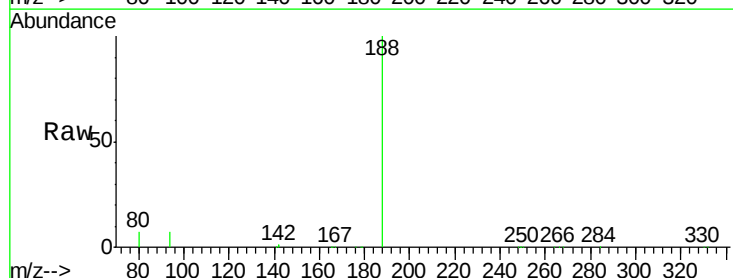
Instrument :
BNA_E
ClientSampleId :

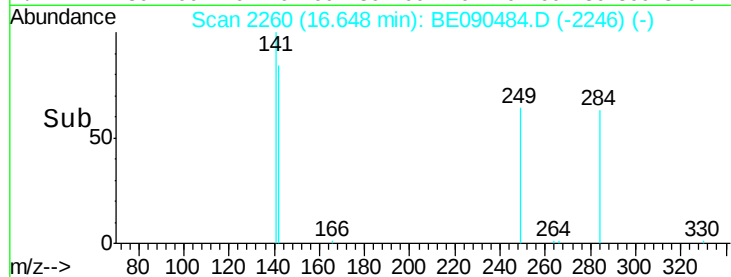
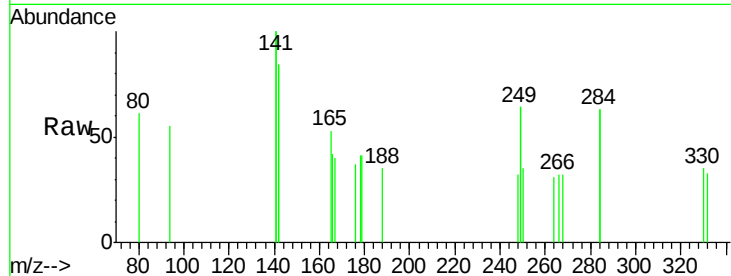
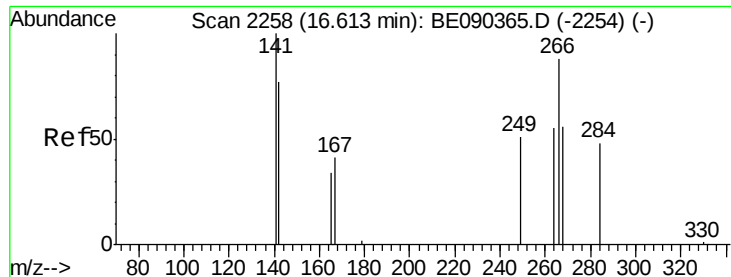
Tot Ion:172 Resp: 54462
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:188 Resp: 123467
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.3 5.8 8.8

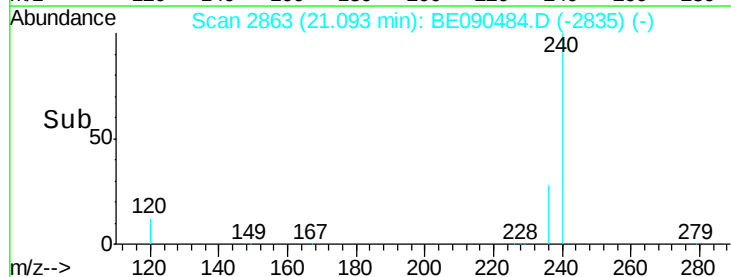
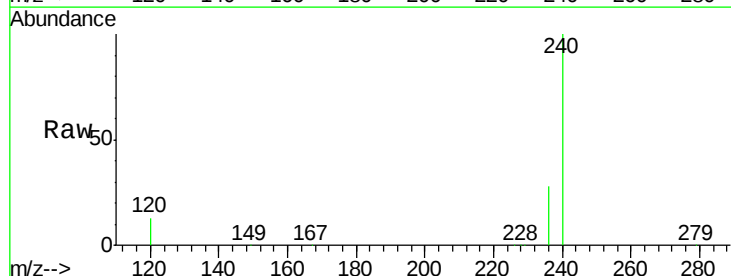
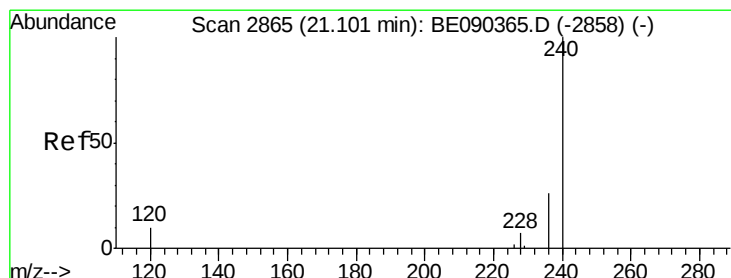
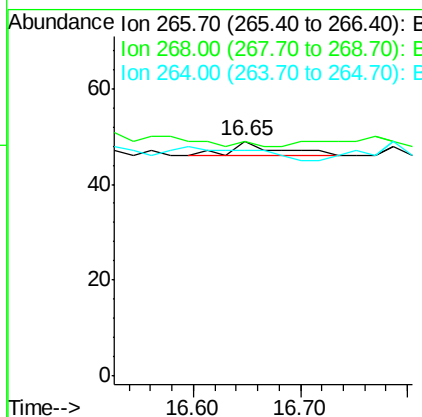




#21
 Pentachlorophenol
 Concen: 0.10 ng
 RT: 16.65 min Scan# 2260
 Delta R.T. 0.04 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

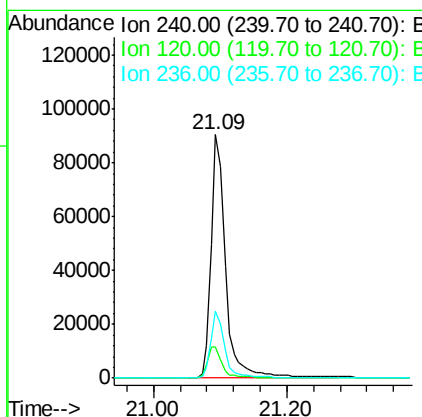
Instrument :
 BNA_E
 ClientSampleId :

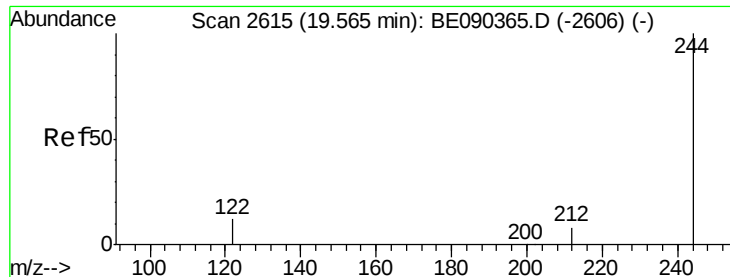
Tot Ion:266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 95.9 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

Tgt Ion:240 Resp: 135077
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 27.6 21.0 31.4





#27

Terphenyl-d14

Concen: 4.69 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

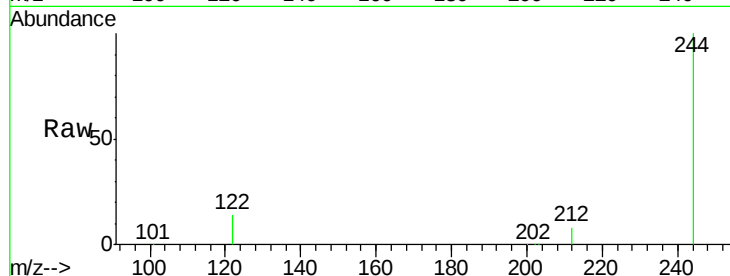
Tot Ion:244 Resp: 93258

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

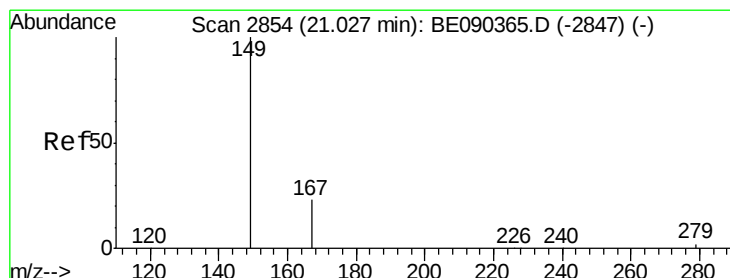
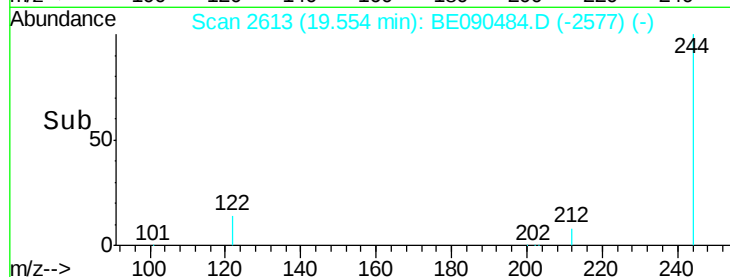
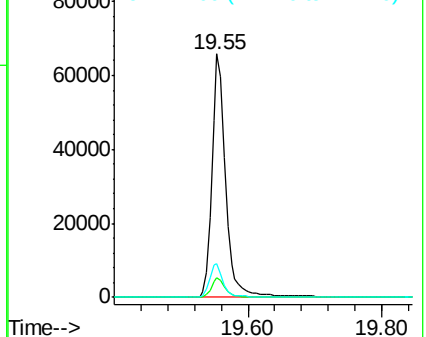
122 13.6 10.2 15.4



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: 0.12 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

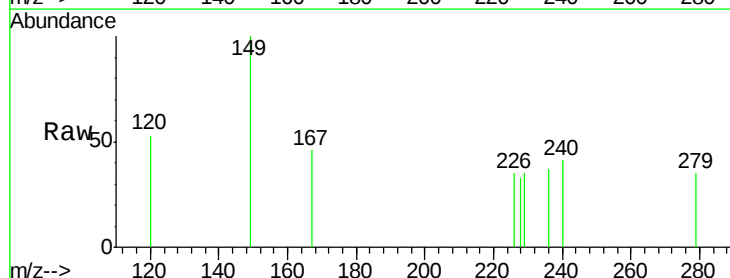
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 32.7 19.8 29.8#

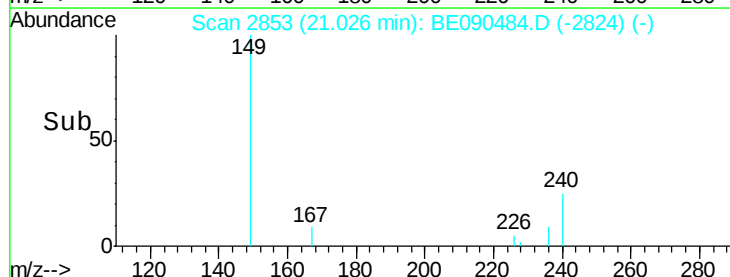
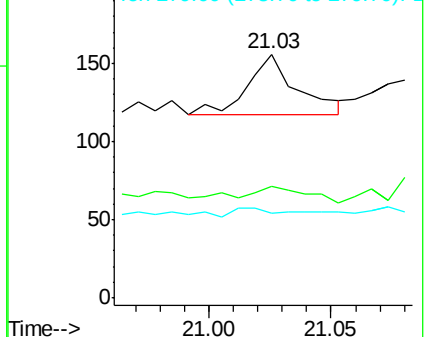
279 10.9 2.4 3.6#

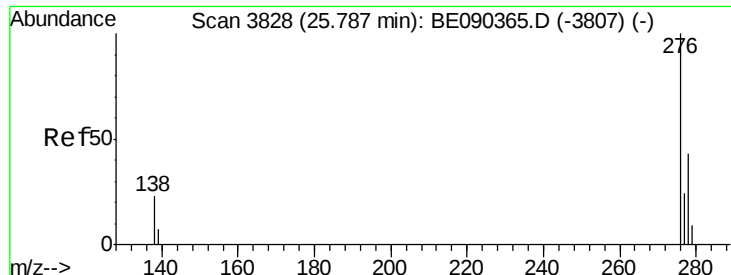


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

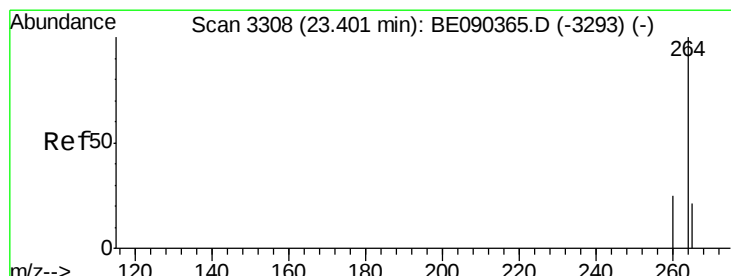
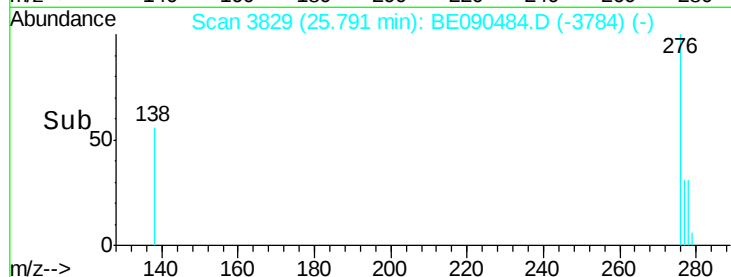
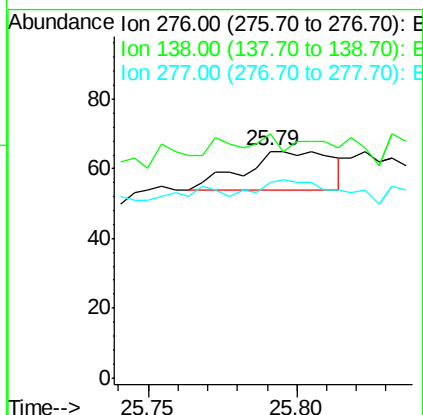
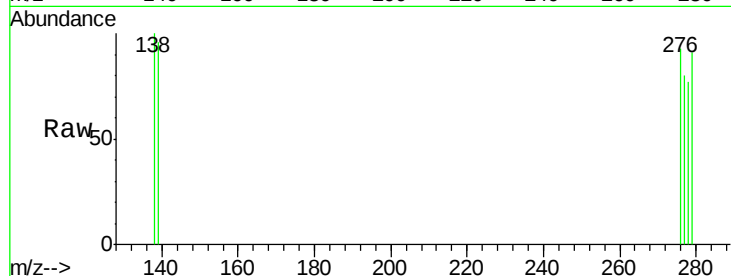




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

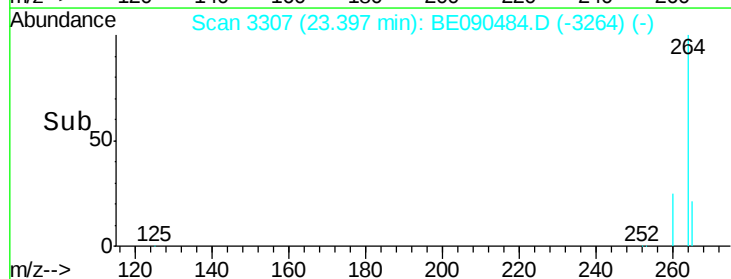
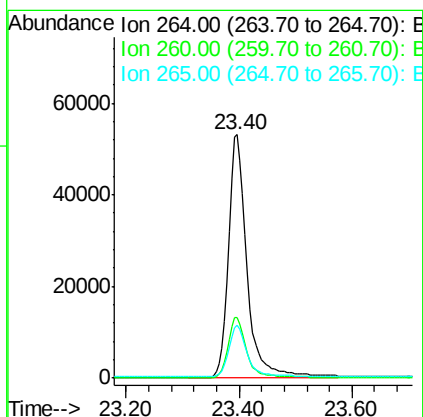
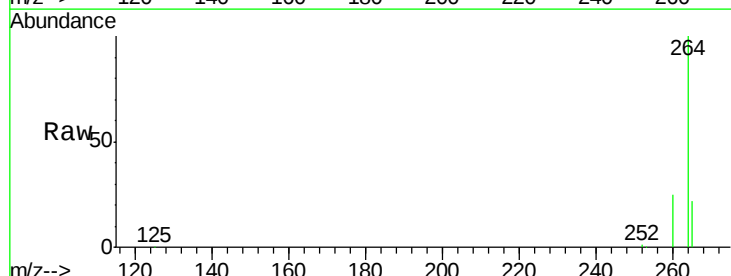
Instrument :
BNA_E
ClientSampleId :

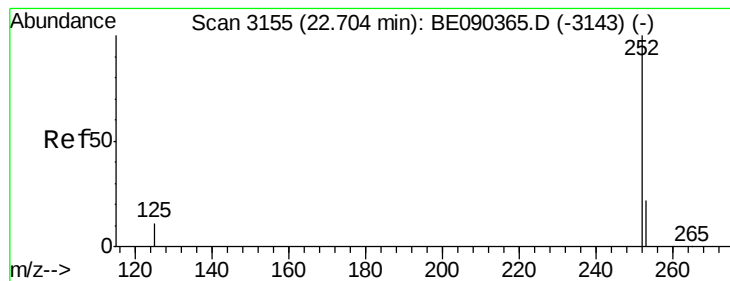
Tot Ion: 276 Resp: 23
Ion Ratio Lower Upper
276 100
138 8.7 18.8 28.2#
277 56.5 18.2 27.4#



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion: 264 Resp: 120915
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 22.0 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.19 ng

RT: 22.71 min Scan# 3157

Delta R.T. 0.01 min

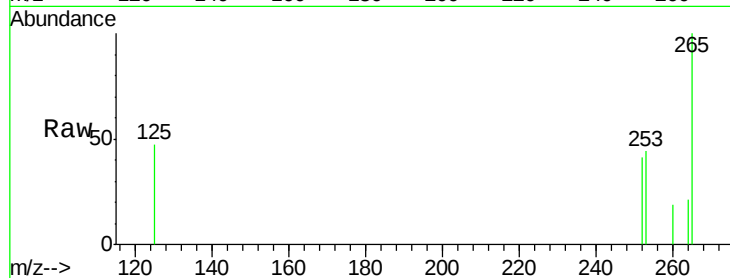
Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :



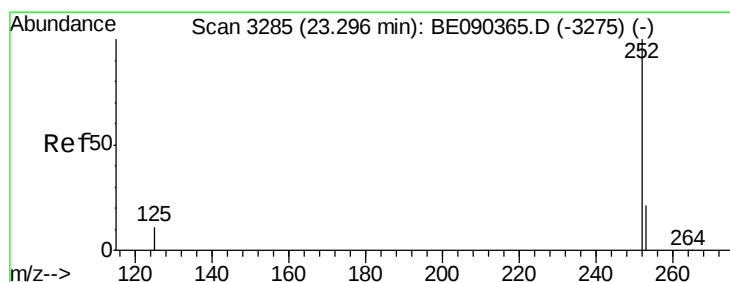
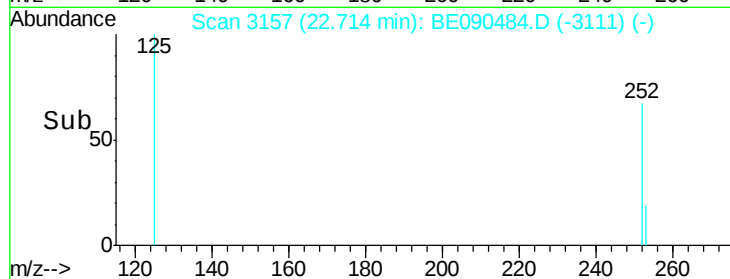
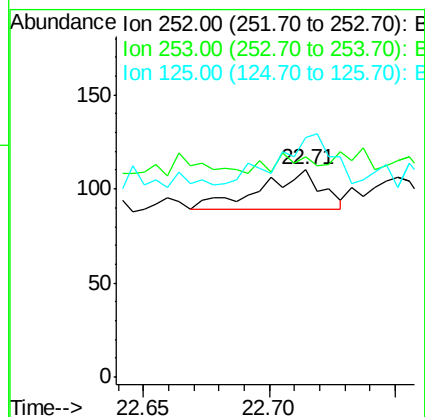
Tot Ion:252 Resp: 36

Ion Ratio Lower Upper

252 100

253 106.4 18.1 27.1#

125 115.5 9.4 14.2#



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

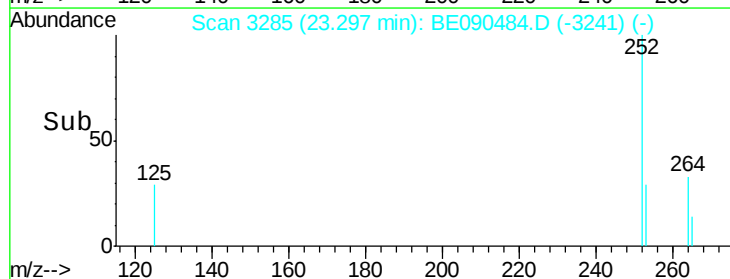
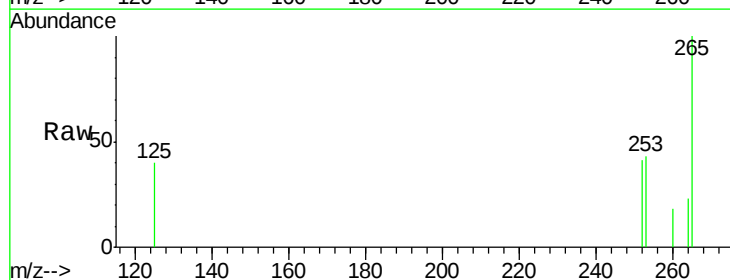
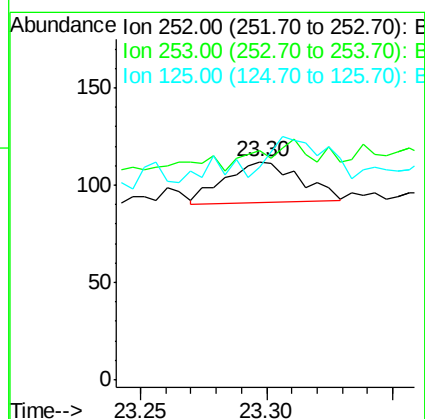
Tgt Ion:252 Resp: 44

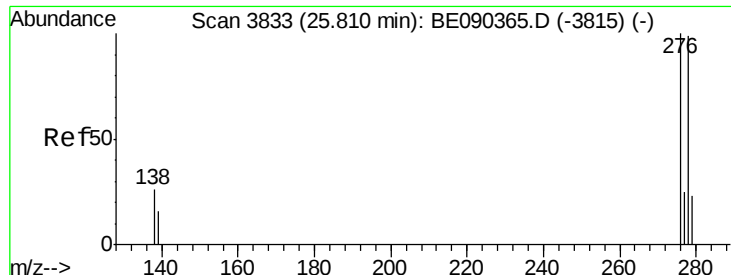
Ion Ratio Lower Upper

252 100

253 105.4 17.6 26.4#

125 97.3 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 25.82 min Scan# 3835

Delta R.T. 0.01 min

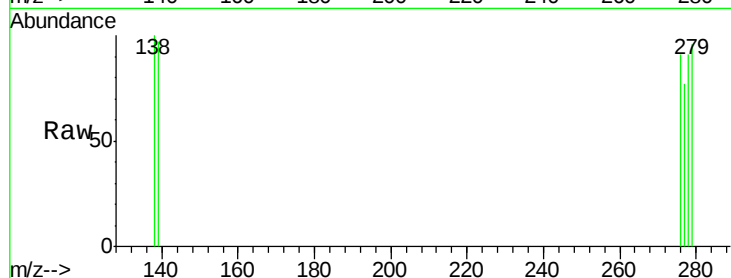
Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :



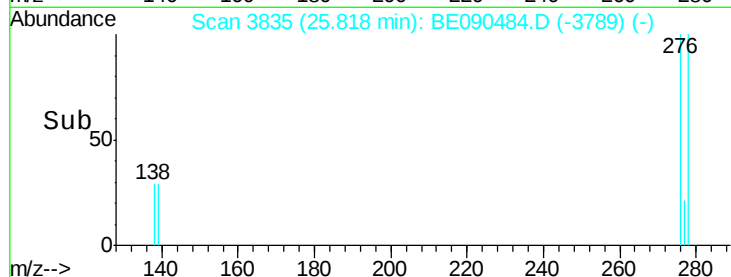
Tot Ion: 278 Resp: 18

Ion Ratio Lower Upper

278 100

139 106.3 14.2 21.4#

279 104.8 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

