

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090471.D
 Acq On : 12 Aug 2015 17:31
 Operator : UM/IZ
 Sample : G3236-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:20:44 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	19895	5.00	ng	-0.01
6) Naphthalene-d8	10.34	136	88968	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	50837	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	121597	5.00	ng	0.00
25) Chrysene-d12	21.09	240	137585	5.00	ng	0.00
32) Perylene-d12	23.40	264	124104	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	13480	4.52	ng	-0.01
5) Phenol-d6	6.77	99	12338	2.09	ng	0.00
7) Nitrobenzene-d5	8.73	82	23401	3.30	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15358	9.21	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	58938	4.22	ng	0.00
27) Terphenyl-d14	19.55	244	113559	5.60	ng	0.00

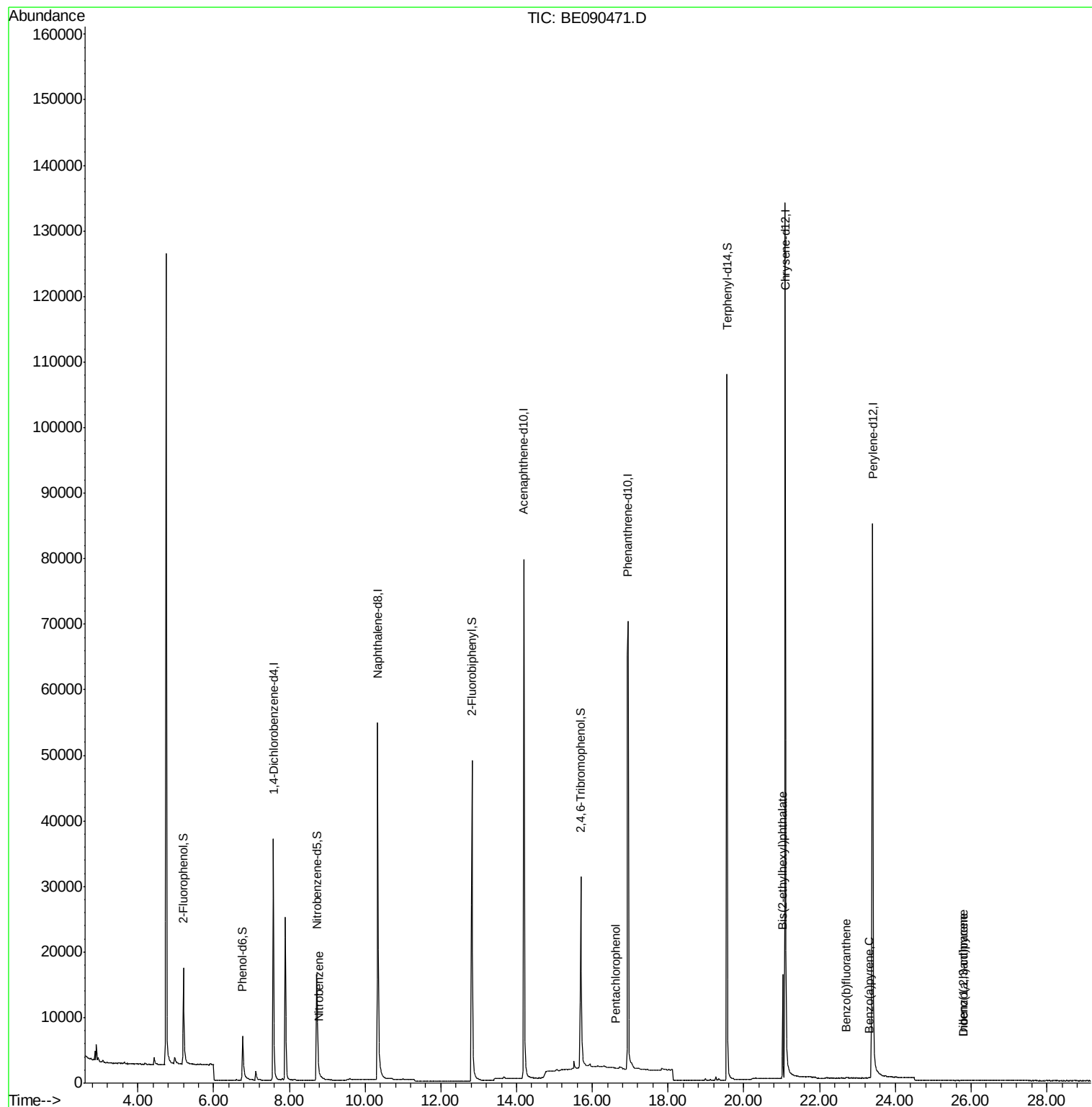
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	4	Below Cal	#	1
8) Nitrobenzene	8.78	77	9	0.21 ng	#	60
10) Hexachlorobutadiene	10.66	225	3	Below Cal	#	61
21) Pentachlorophenol	16.61	266	26	0.12 ng	#	74
30) Bis(2-ethylhexyl)phthalate	21.03	149	13659	1.72 ng		100
31) Indeno(1,2,3-cd)pyrene	25.79	276	165	0.26 ng	#	57
33) Benzo(b)fluoranthene	22.70	252	125	0.20 ng	#	1
35) Benzo(a)pyrene	23.29	252	103	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	66	0.29 ng	#	1

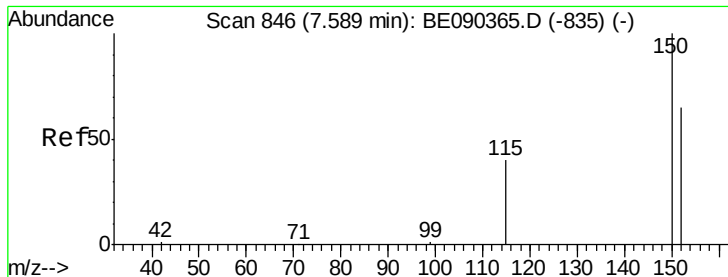
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
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Quant Time: Aug 13 01:20:44 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
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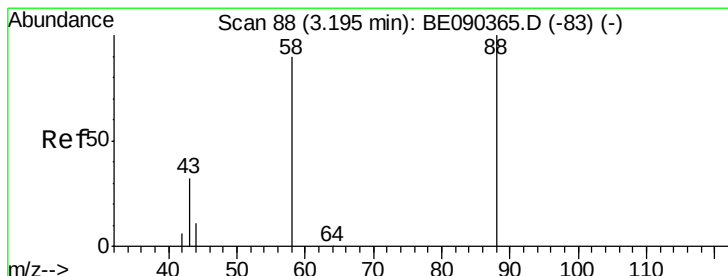
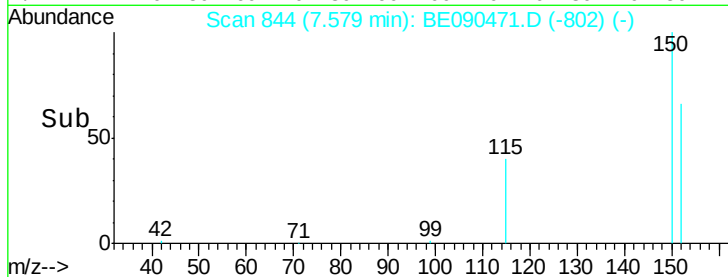
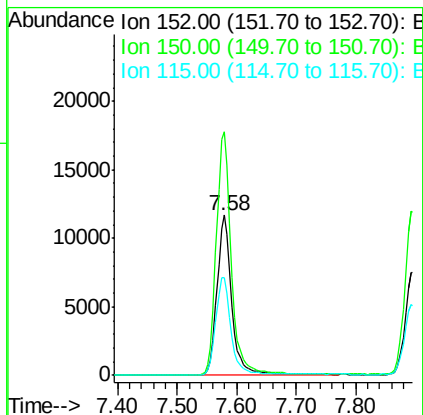
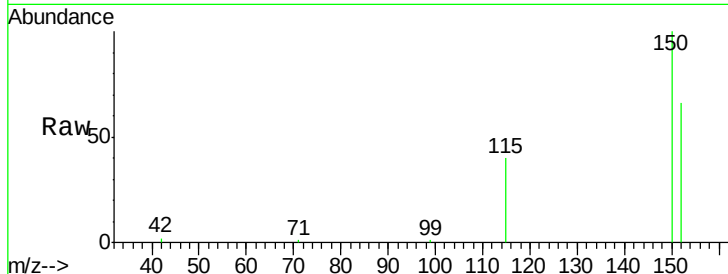


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

Instrument :
BNA_E
ClientSampleId :

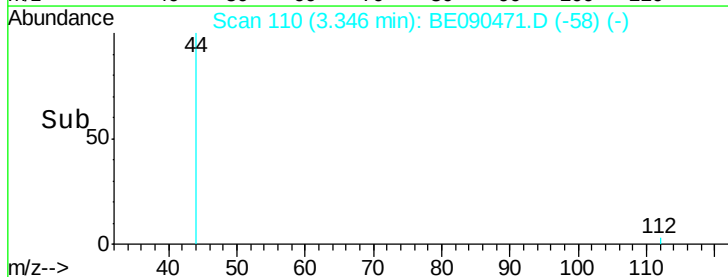
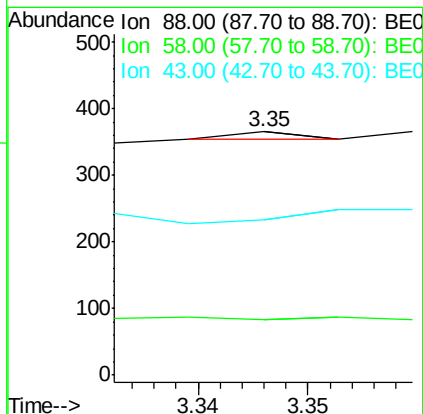
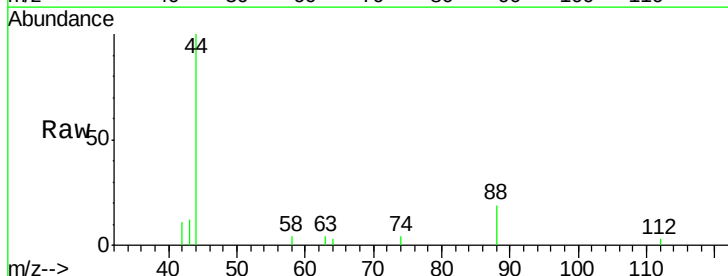
Tot Ion:152 Resp: 19895
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 61.1 48.9 73.3

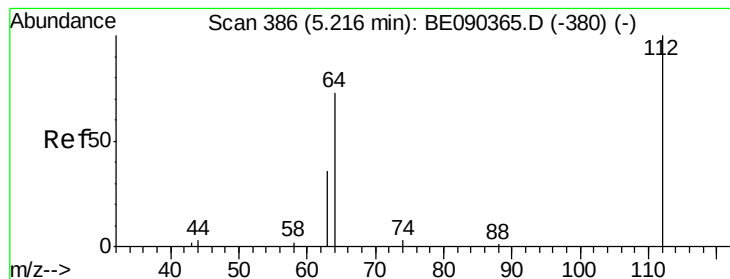


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.35 min Scan# 110
Delta R.T. 0.15 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 0.0 70.0 105.0#
43 625.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 4.52 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampleId :

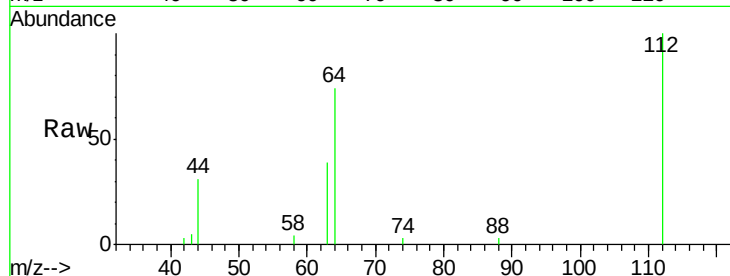
Tot Ion:112 Resp: 13480

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

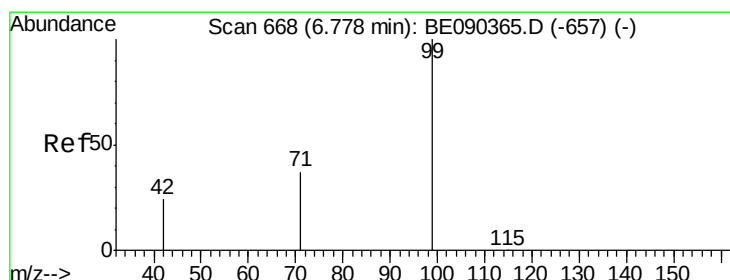
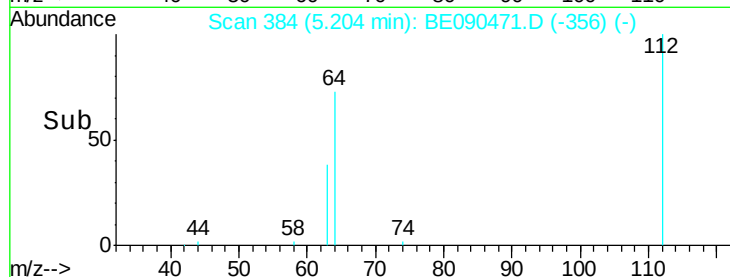
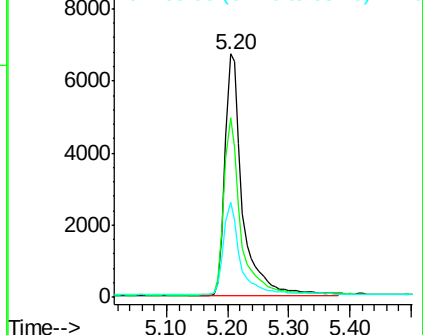
63 37.3 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090471.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE090471.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE090471.D (-356) (-)



#5

Phenol-d6

Concen: 2.09 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

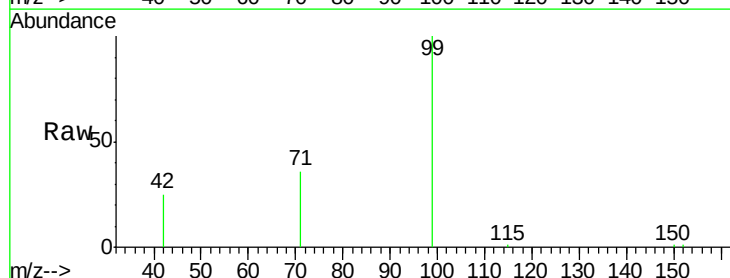
Tgt Ion: 99 Resp: 12338

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.4

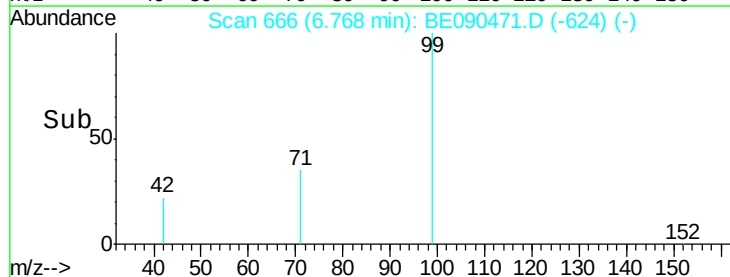
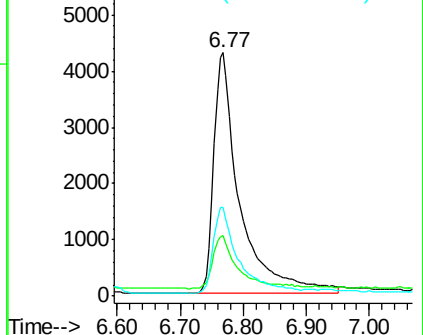
71 34.1 27.4 41.0

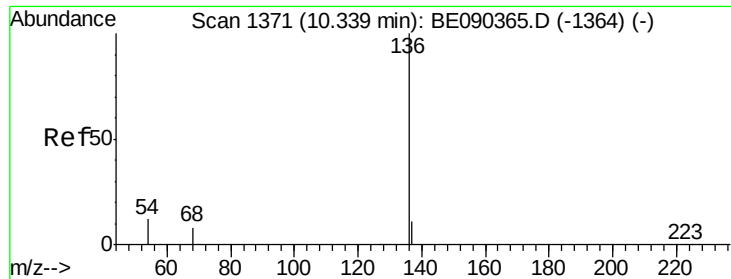


Abundance Ion 99.00 (98.70 to 99.70): BE090471.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090471.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090471.D (-624) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 88968

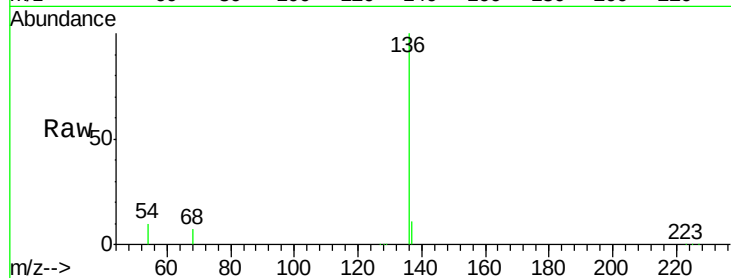
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 9.4 14.0

68 7.5 6.5 9.7

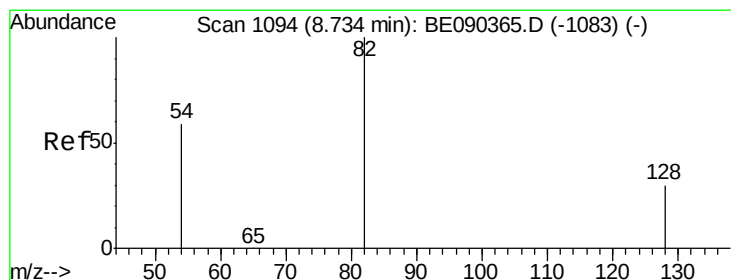
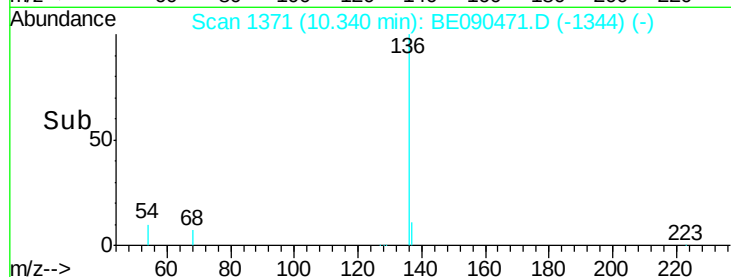
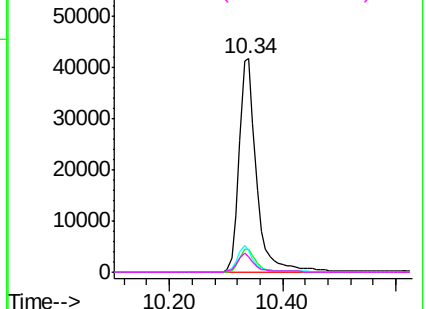


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.30 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

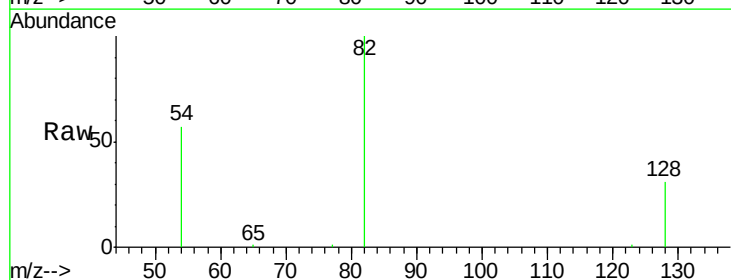
Tgt Ion: 82 Resp: 23401

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.6

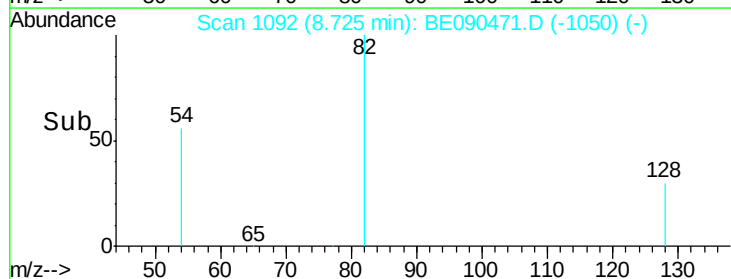
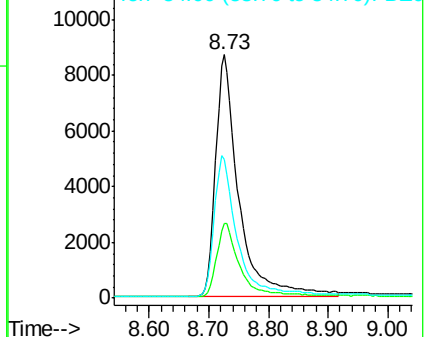
54 56.8 48.8 73.2

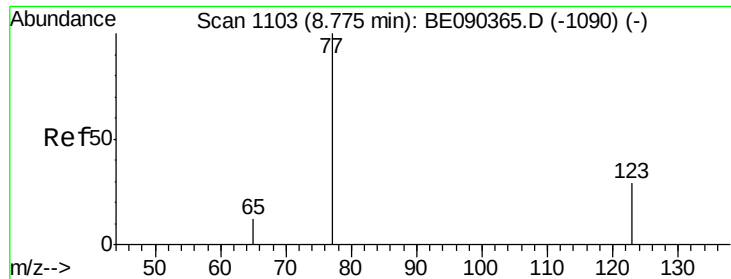


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.01 min

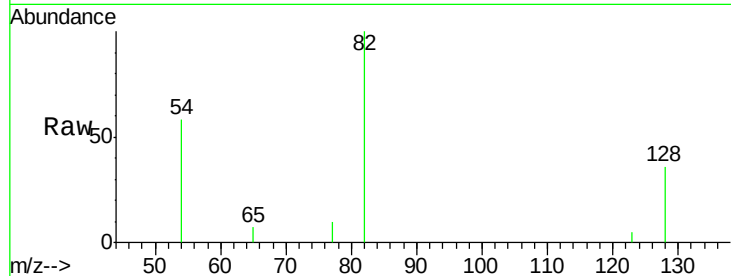
Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampled :



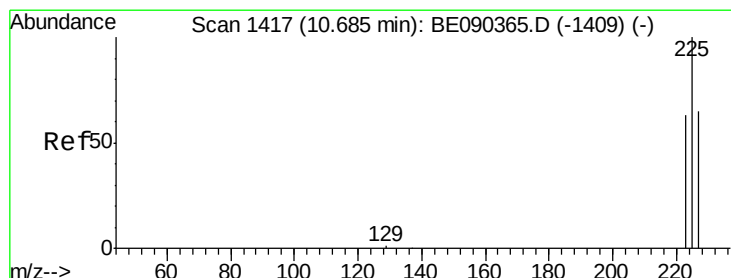
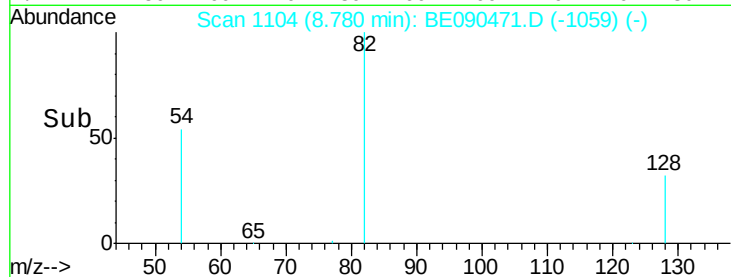
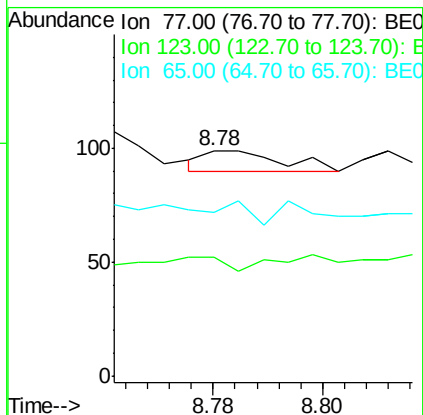
Tot Ion: 77 Resp: 9

Ion Ratio Lower Upper

77 100

123 55.6 25.1 37.7#

65 0.0 9.3 13.9#



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.66 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

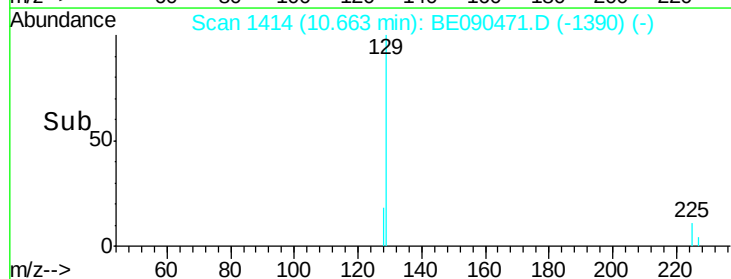
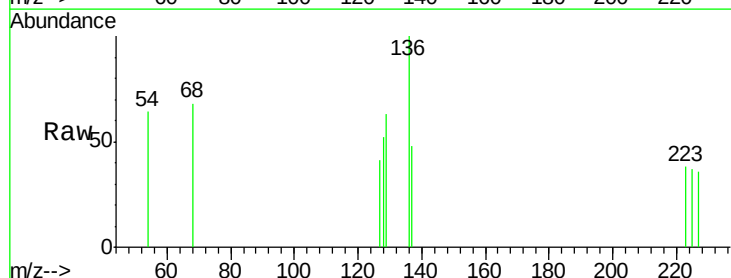
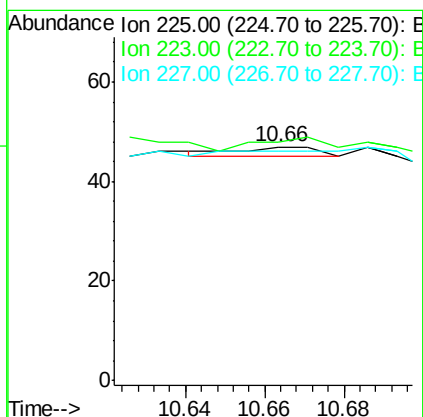
Tgt Ion: 225 Resp: 3

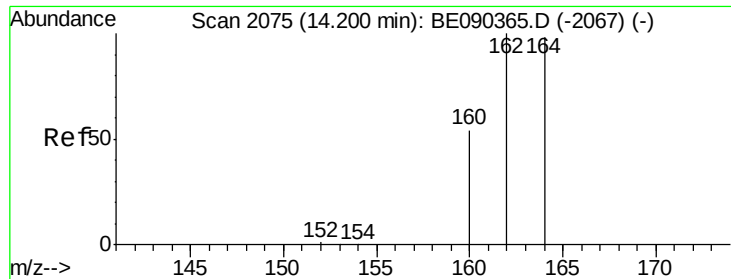
Ion Ratio Lower Upper

225 100

223 33.3 50.6 75.8#

227 33.3 50.7 76.1#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampleId :

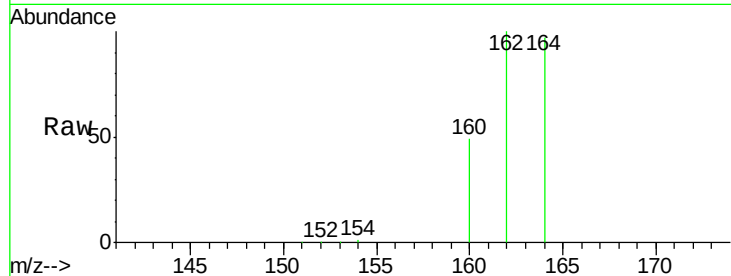
Tot Ion:164 Resp: 50837

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

160 51.1 44.2 66.4



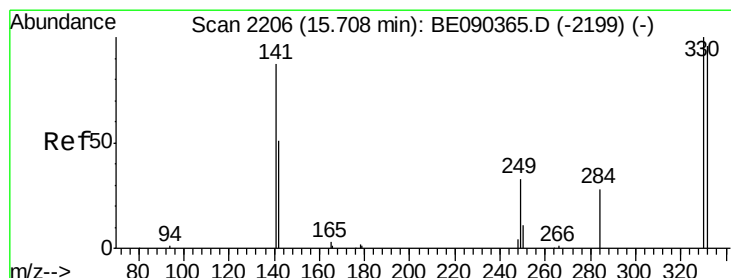
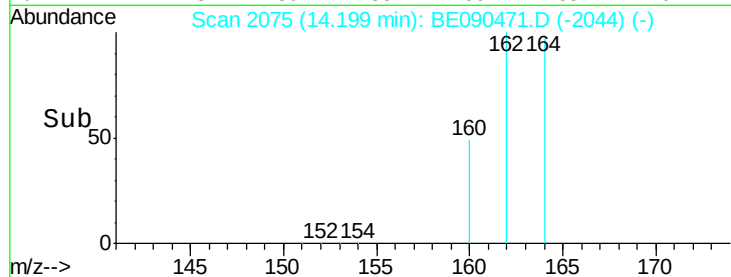
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.20

Time-->



#13

2,4,6-Tribromophenol

Concen: 9.21 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

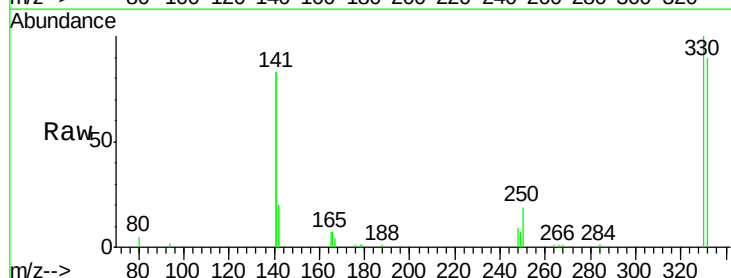
Tgt Ion:330 Resp: 15358

Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

141 159.4 114.4 171.6



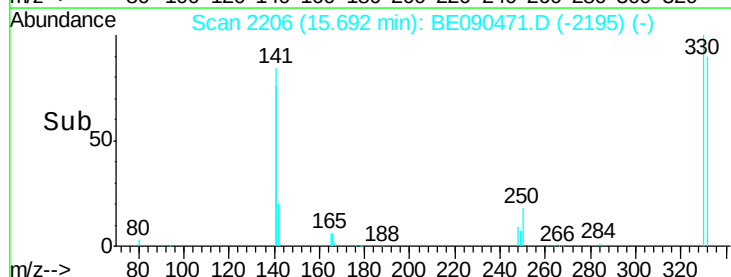
Abundance Ion 329.80 (329.50 to 330.50): E

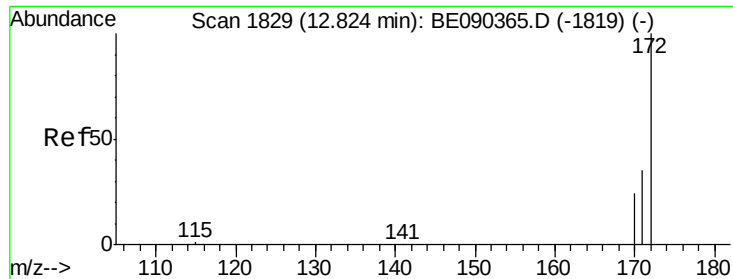
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.69

Time-->

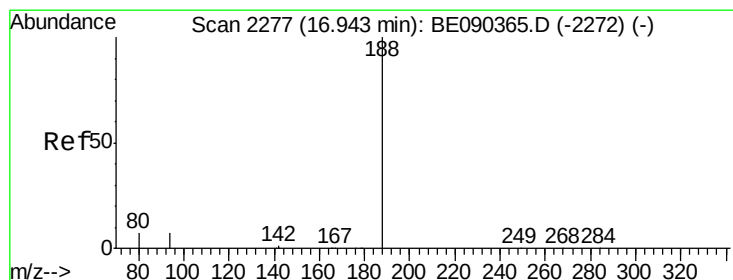
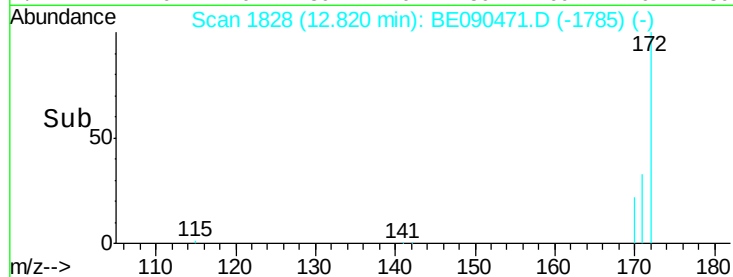
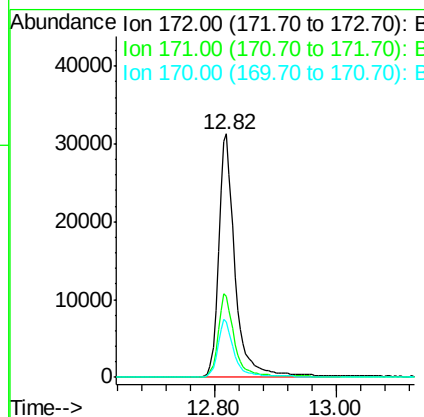
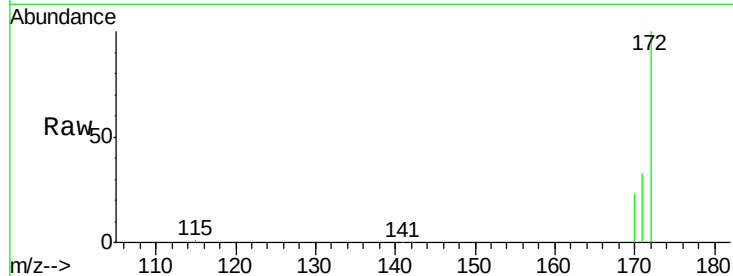




#14
2-Fluorobiphenyl
Concen: 4.22 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

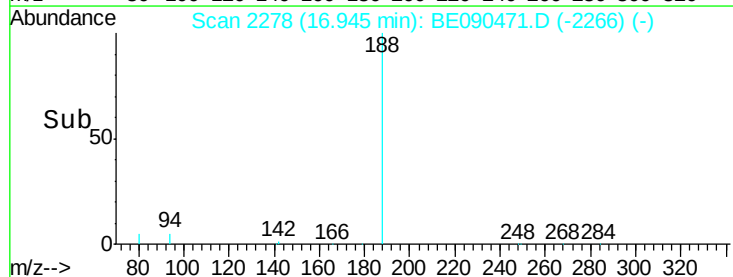
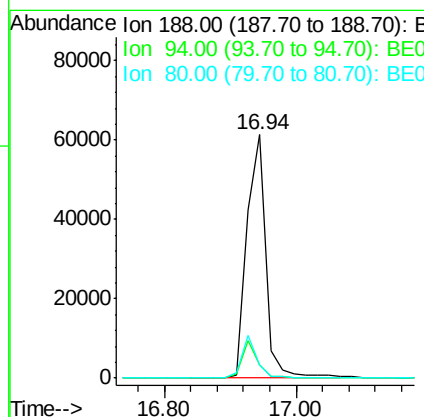
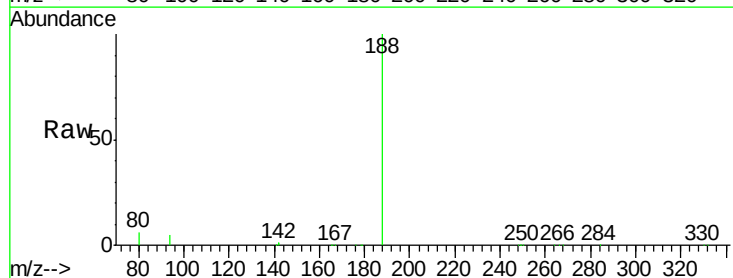
Instrument :
BNA_E
ClientSampleId :

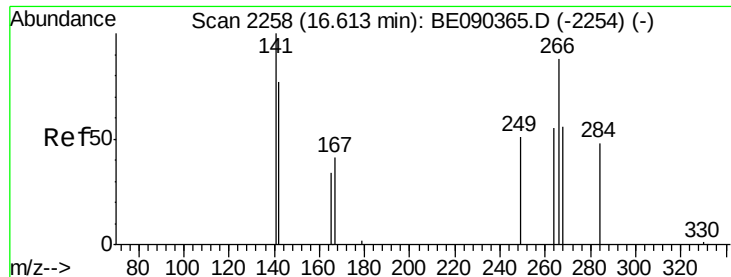
Tot Ion:172 Resp: 58938
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 22.5 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

Tgt Ion:188 Resp: 121597
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.5 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.12 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampleId :

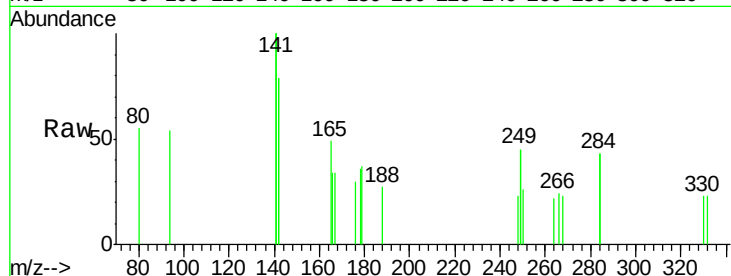
Tot Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

268 94.3 58.5 87.7#

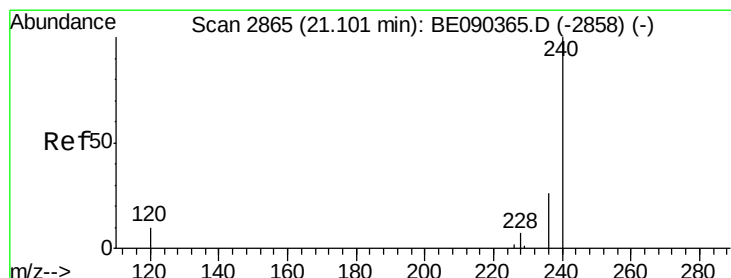
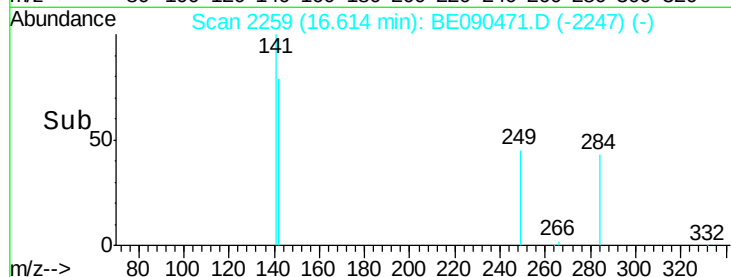
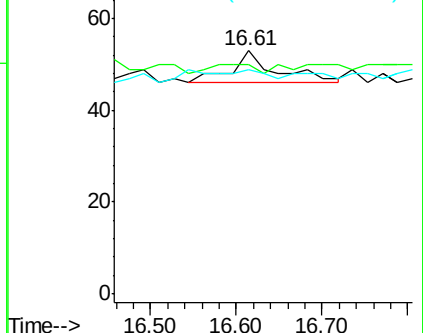
264 92.5 56.0 84.0#



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. -0.01 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

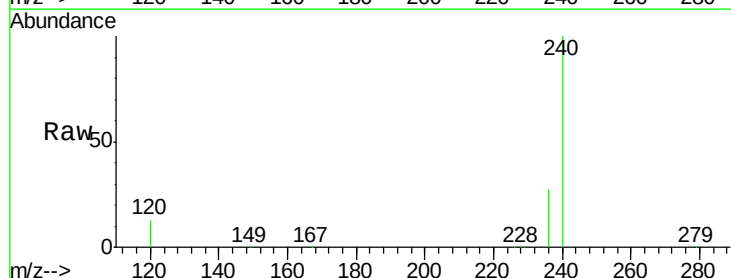
Tgt Ion:240 Resp: 137585

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

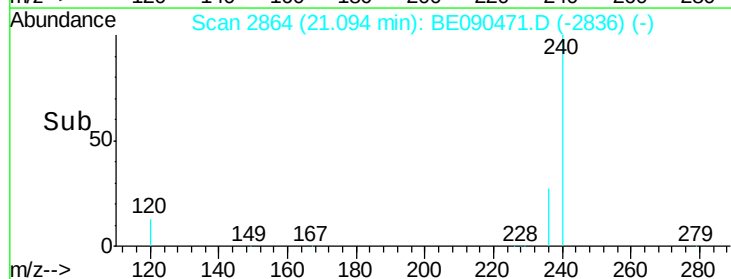
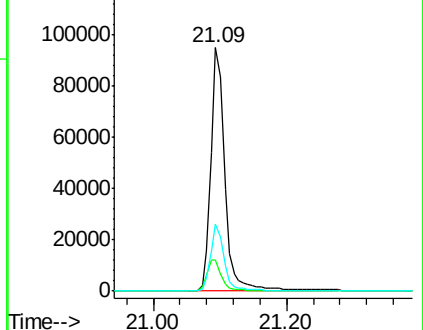
236 27.3 21.0 31.4

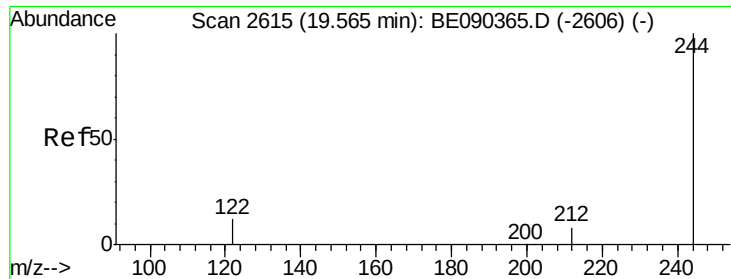


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 5.60 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

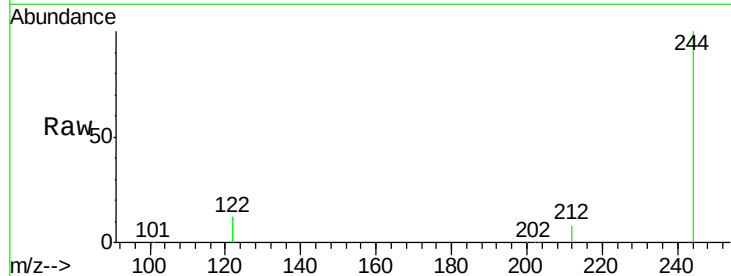
Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampled :



Tot Ion:244 Resp: 113559

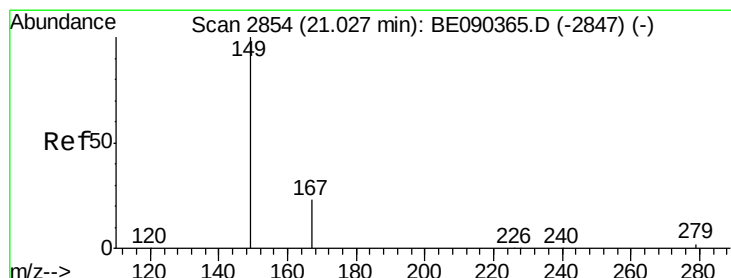
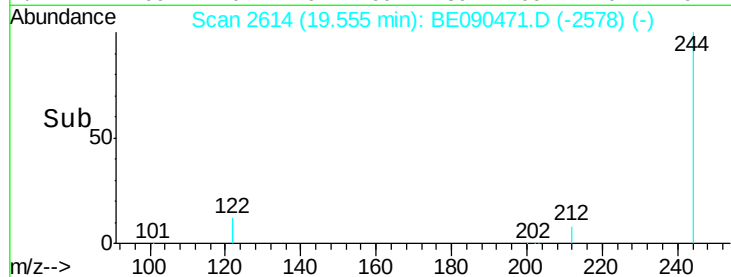
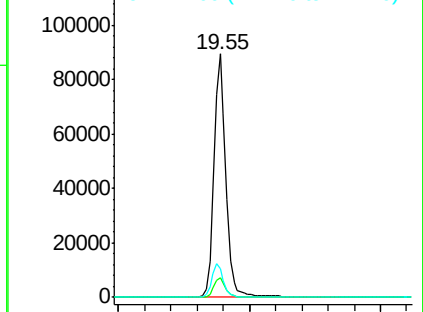
Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 11.9 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: 1.72 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Tgt Ion:149 Resp: 13659

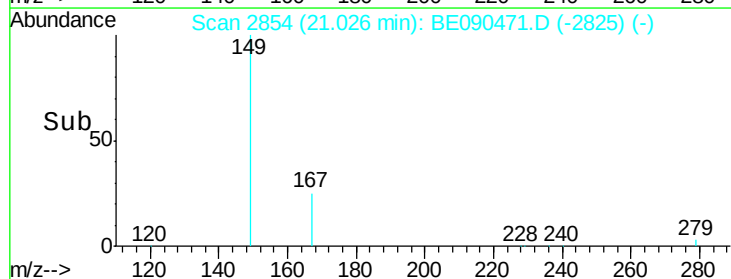
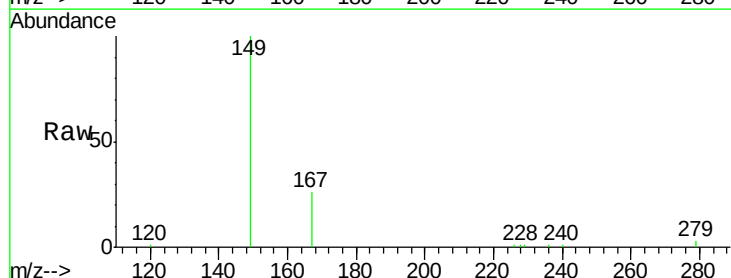
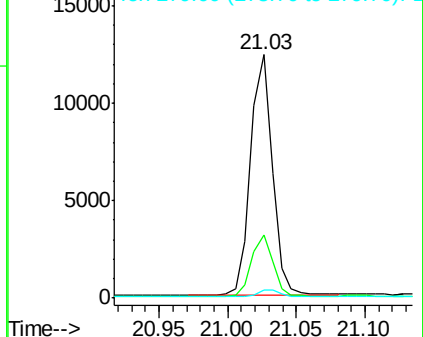
Ion Ratio Lower Upper

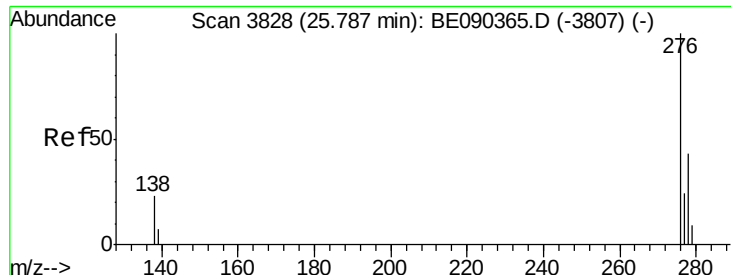
149 100

167 25.0 19.8 29.8

279 3.1 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

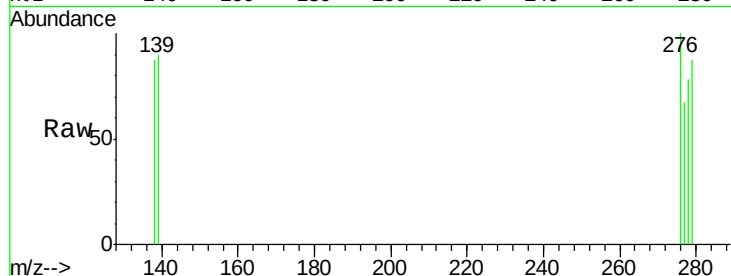




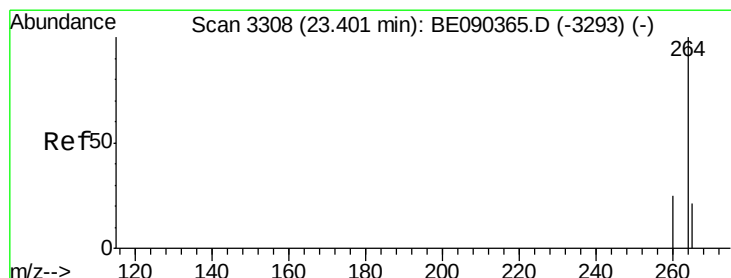
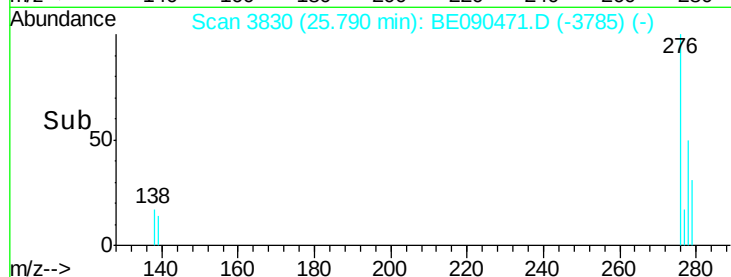
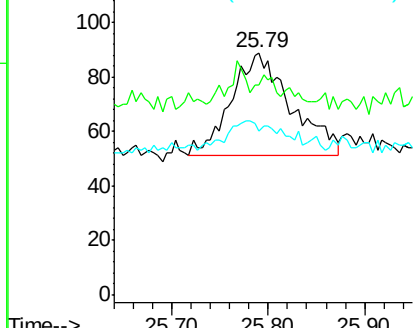
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3830
Delta R.T. 0.00 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 165
Ion Ratio Lower Upper
276 100
138 4.2 18.8 28.2#
277 0.0 18.2 27.4#

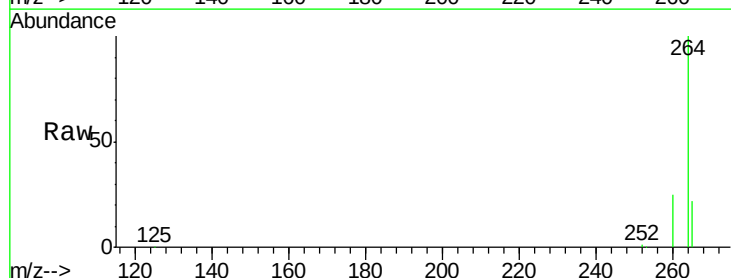


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

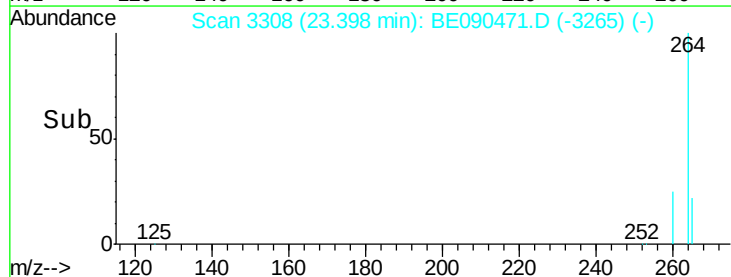
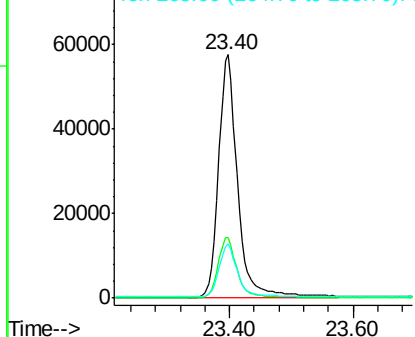


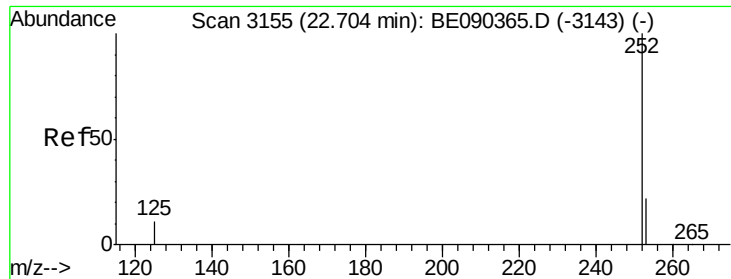
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090471.D
Acq: 12 Aug 2015 17:31

Tgt Ion:264 Resp: 124104
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.70 min Scan# 3155

Delta R.T. -0.00 min

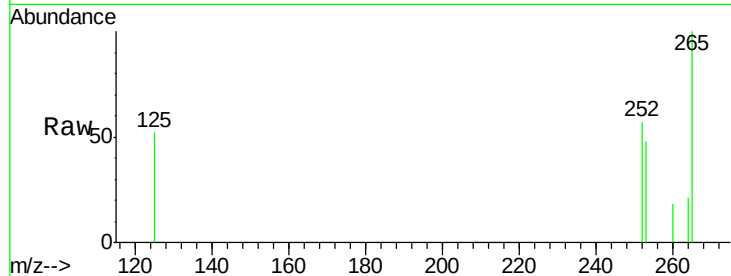
Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

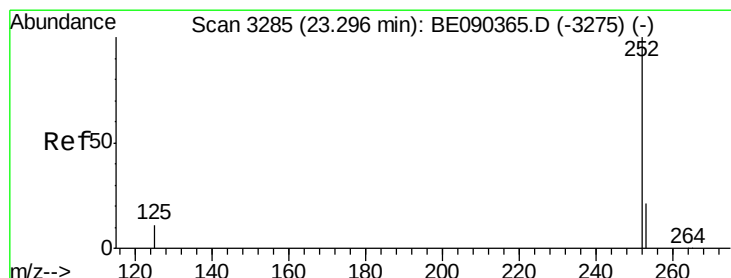
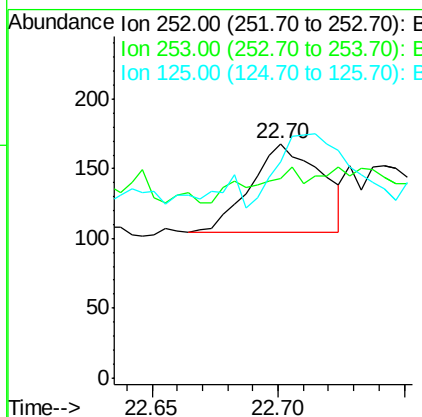
Instrument :

BNA_E

ClientSampleId :



Tot Ion:252	Resp:	125
Ion Ratio	Lower	Upper
252	100	
253	85.1	18.1 27.1#
125	92.3	9.4 14.2#



#35

Benzo(a)pyrene

Concen: 0.23 ng

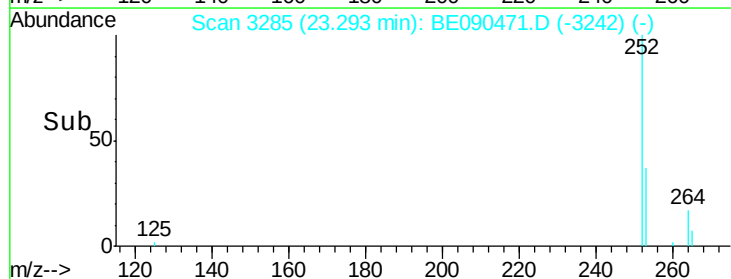
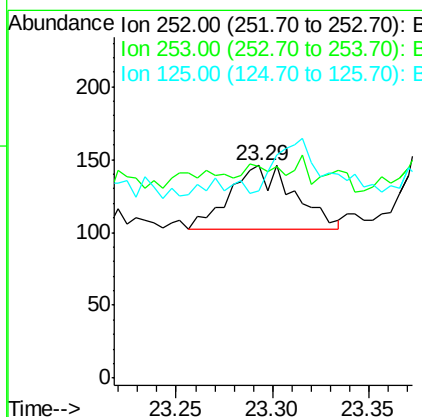
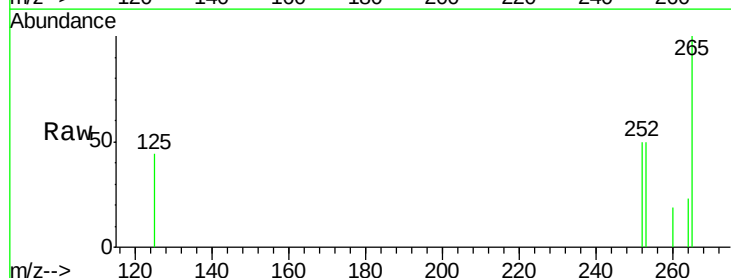
RT: 23.29 min Scan# 3285

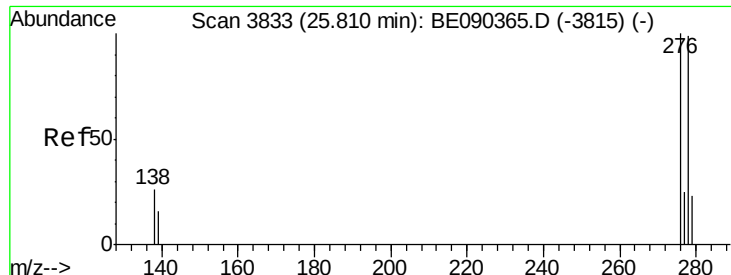
Delta R.T. -0.00 min

Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Tgt Ion:252	Resp:	103
Ion Ratio	Lower	Upper
252	100	
253	99.3	17.6 26.4#
125	88.4	9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3835

Delta R.T. 0.00 min

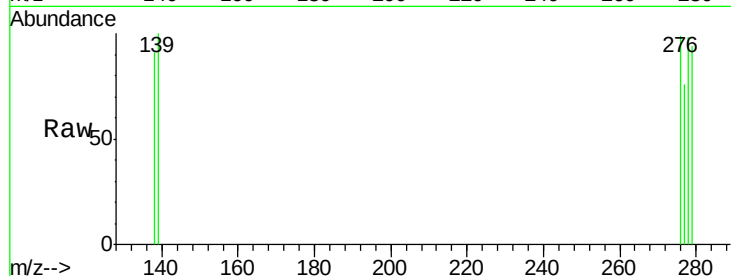
Lab File: BE090471.D

Acq: 12 Aug 2015 17:31

Instrument :

BNA_E

ClientSampleId :



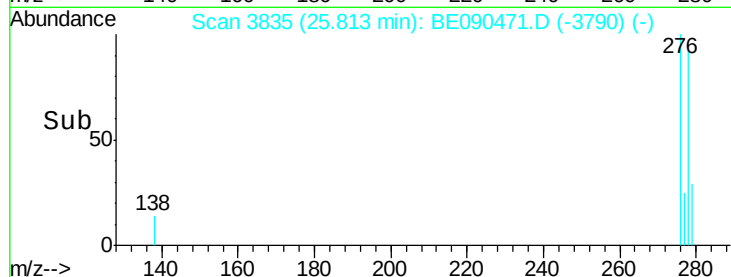
Tot Ion: 278 Resp: 66

Ion Ratio Lower Upper

278 100

139 102.6 14.2 21.4#

279 96.2 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

