

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090870.D
 Acq On : 17 Sep 2015 18:29
 Operator : UM/IZ
 Sample : G3699-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-D-S

Quant Time: Sep 18 00:46:09 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26371	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	110508	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	55057	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	136281	5.00	ng	0.00
25) Chrysene-d12	21.07	240	186190	5.00	ng	0.00
32) Perylene-d12	23.35	264	170287	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	21332	4.16	ng	0.00
5) Phenol-d6	6.76	99	16158	2.20	ng	0.00
7) Nitrobenzene-d5	8.71	82	27399	3.75	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	13658	8.44	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	60947	4.00	ng	0.00
27) Terphenyl-d14	19.53	244	110918	5.38	ng	-0.01

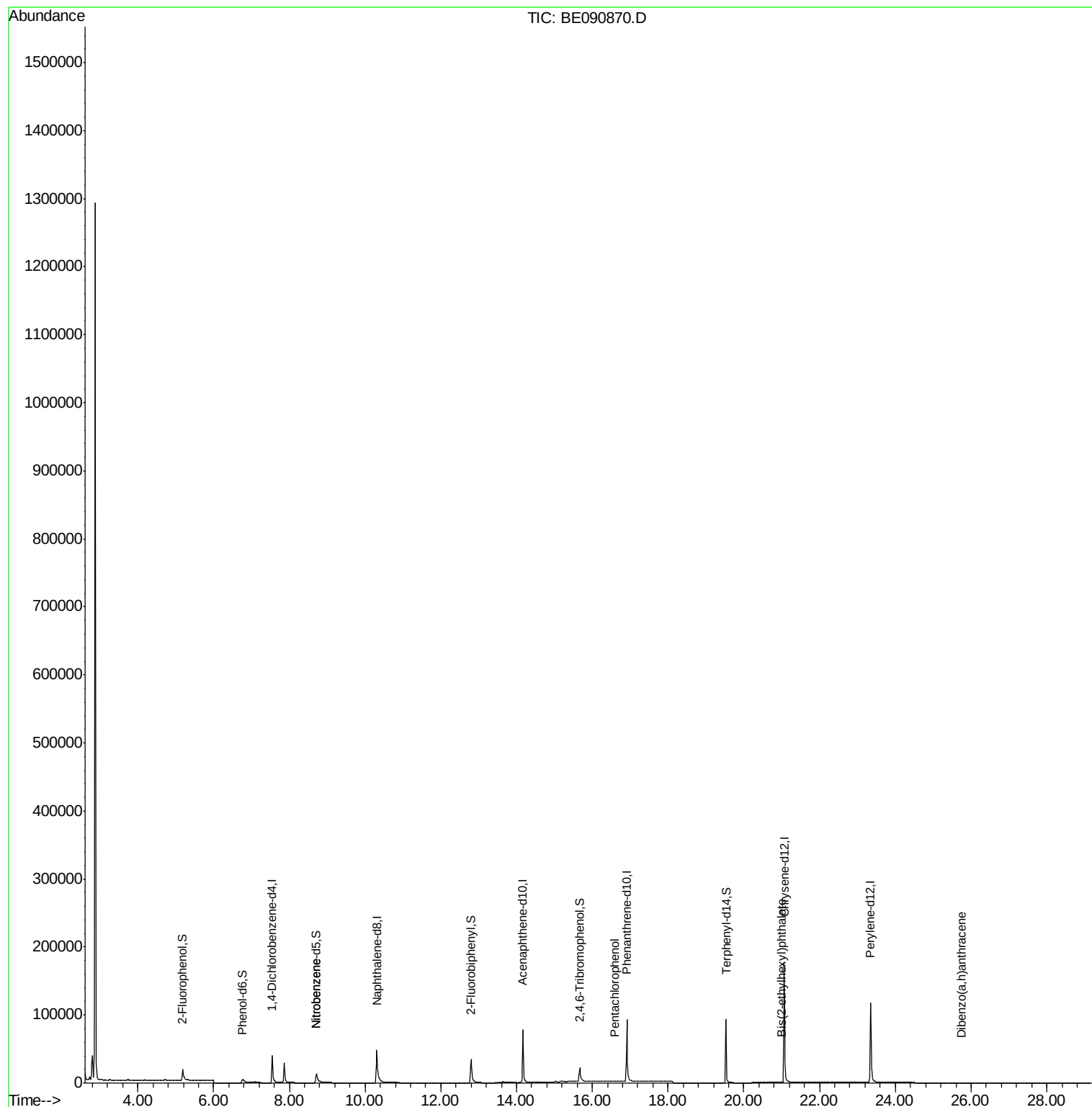
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	58	Below Cal	#	26
3) n-Nitrosodimethylamine	3.47	42	19	Below Cal	#	1
8) Nitrobenzene	8.71	77	44	0.11 ng	#	35
20) Hexachlorobenzene	16.23	284	31	Below Cal	#	37
21) Pentachlorophenol	16.60	266	17	0.47 ng	#	61
29) Chrysene	21.10	228	454	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	850	0.14 ng	#	97
36) Dibenzo(a,h)anthracene	25.76	278	137	0.14 ng	#	1

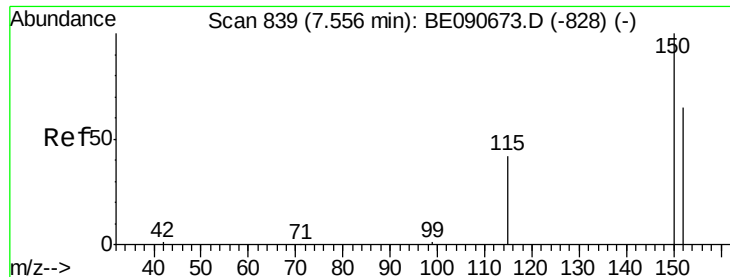
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
Data File : BE090870.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Sep 18 00:46:09 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

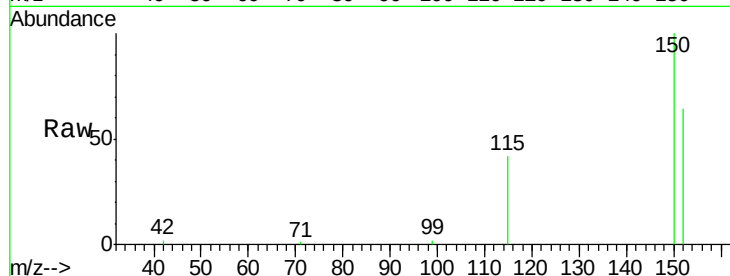
Tot Ion:152 Resp: 26371

Ion Ratio Lower Upper

152 100

150 156.5 122.2 183.4

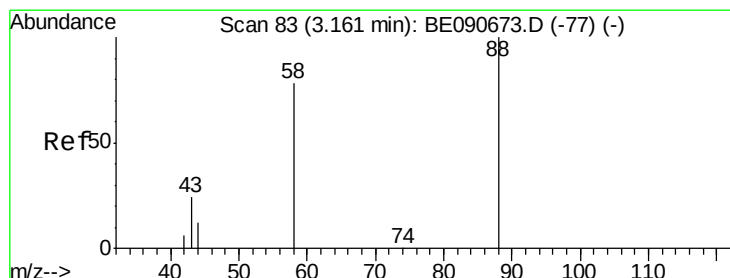
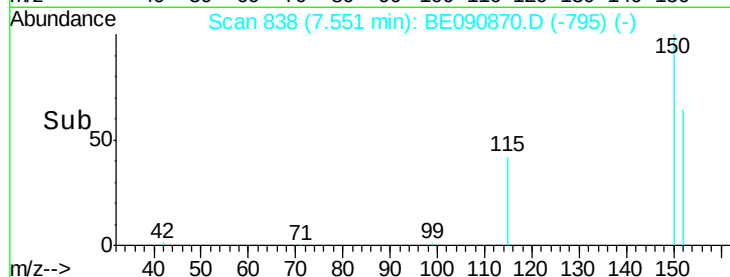
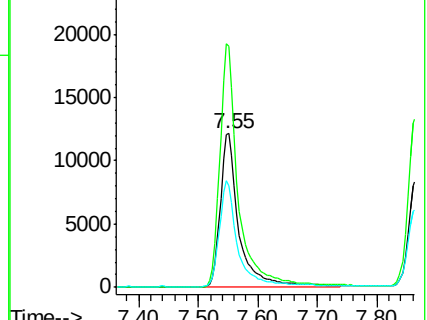
115 66.0 51.0 76.4



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: 3.20 min Scan# 89

Delta R.T. 0.04 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

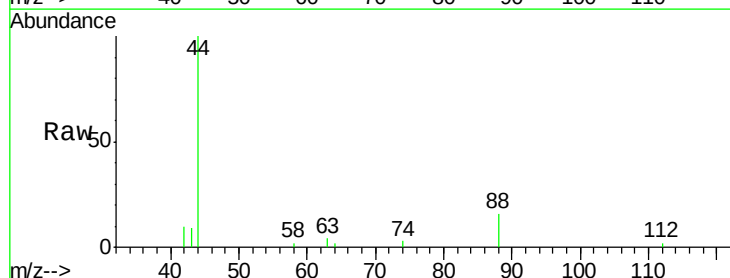
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

58 12.1 68.4 102.6#

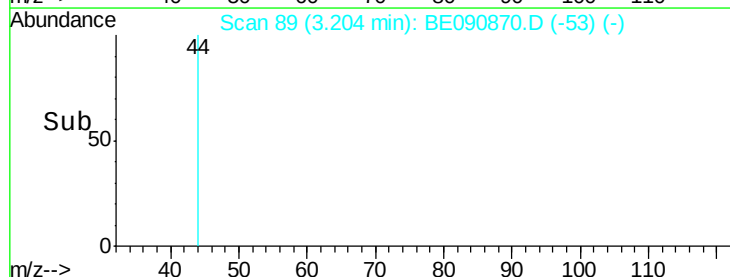
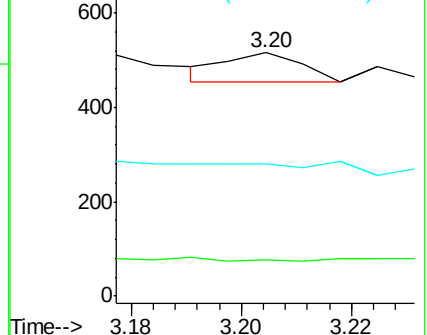
43 0.0 26.9 40.3#

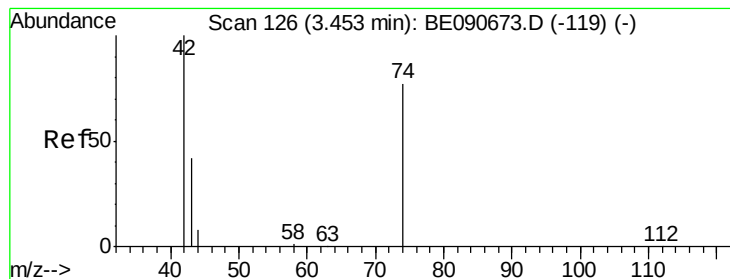


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



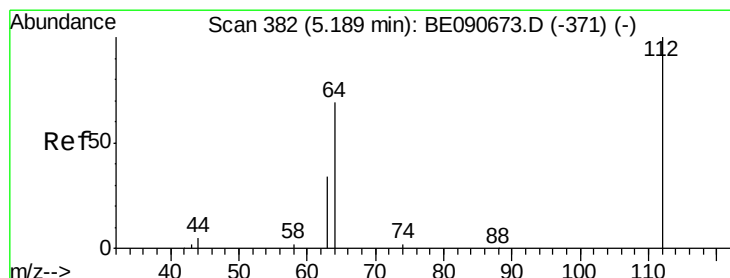
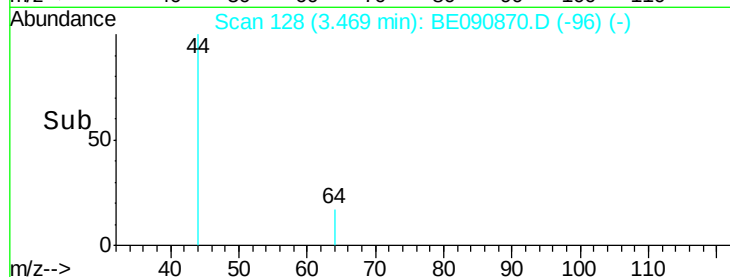
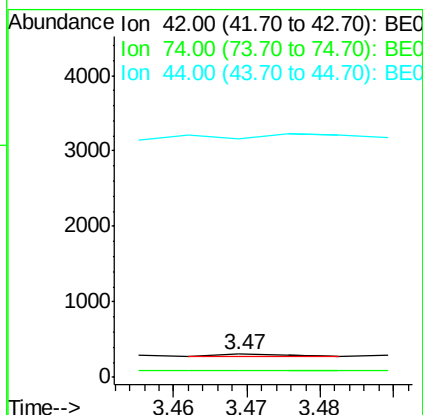
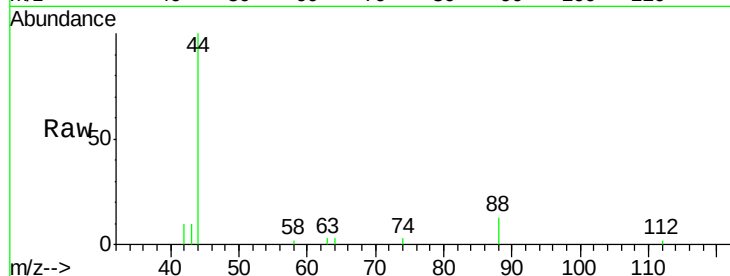


#3

n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.47 min Scan# 128
Delta R.T. 0.02 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-D-S

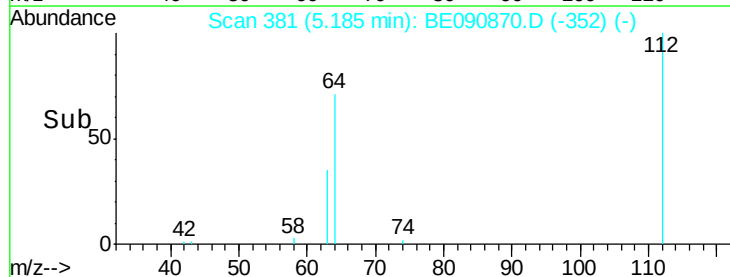
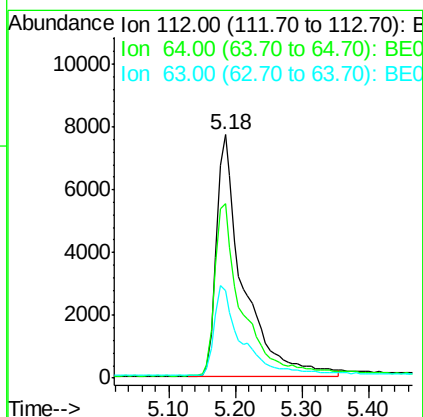
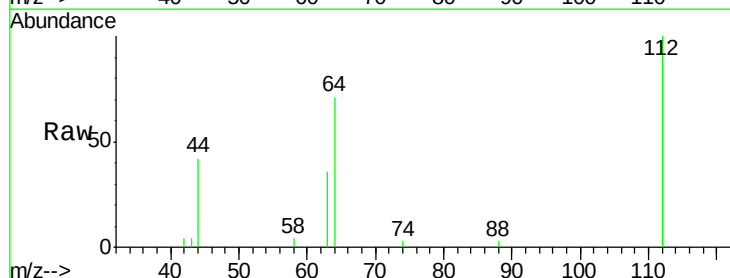
Tot Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 52.6 83.7 125.5#
44 1236.8 10.0 15.0#

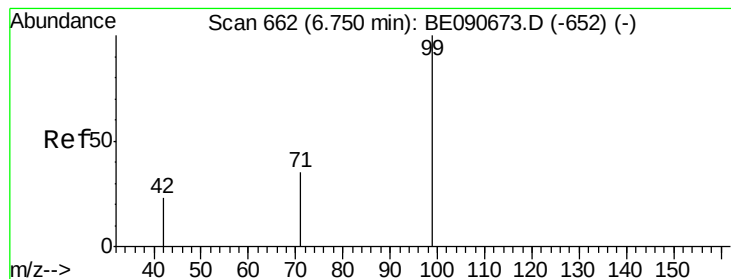


#4

2-Fluorophenol
Concen: 4.16 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Tgt Ion: 112 Resp: 21332
Ion Ratio Lower Upper
112 100
64 72.8 57.3 85.9
63 37.9 29.2 43.8





#5

Phenol-d6

Concen: 2.20 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

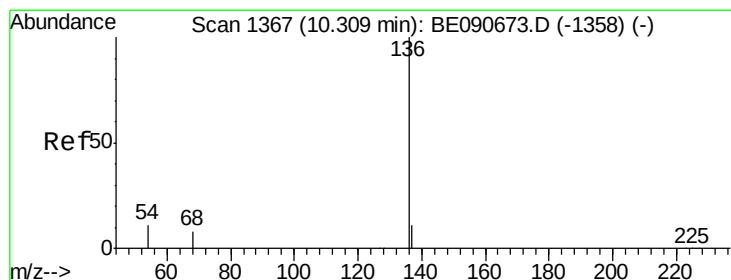
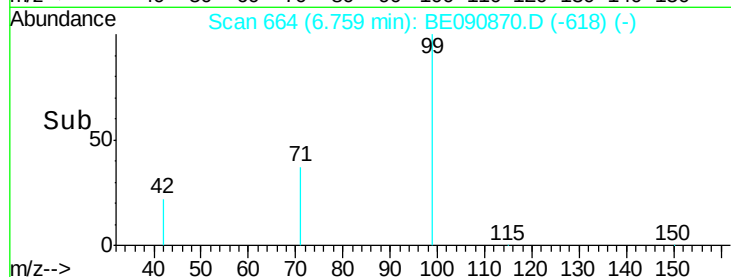
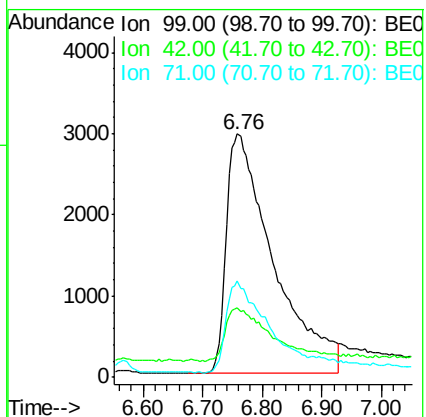
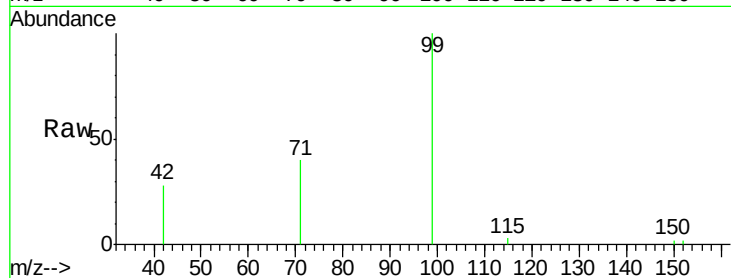
Tot Ion: 99 Resp: 16158

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

71 34.8 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Tgt Ion: 136 Resp: 110508

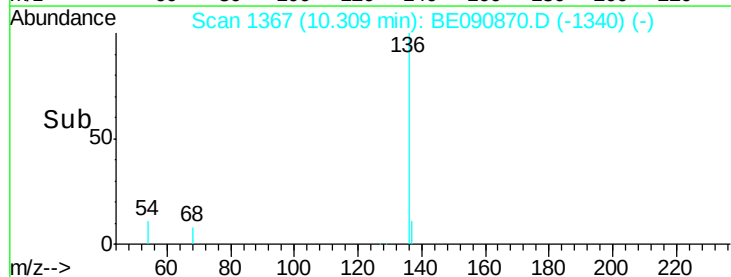
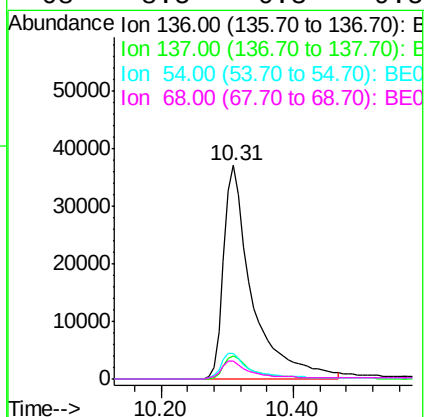
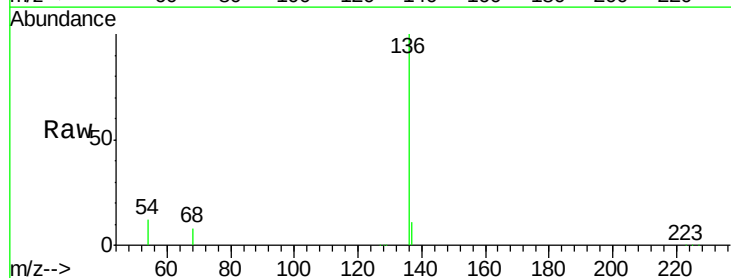
Ion Ratio Lower Upper

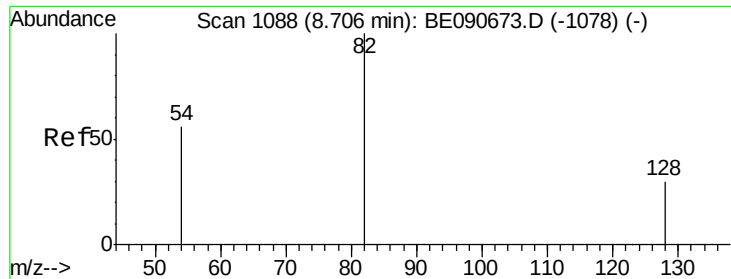
136 100

137 11.1 8.7 13.1

54 11.7 9.0 13.6

68 8.5 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.75 na

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

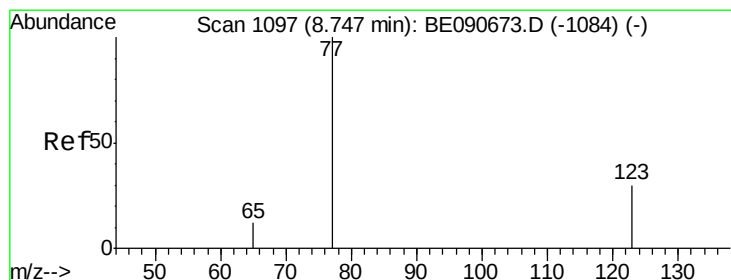
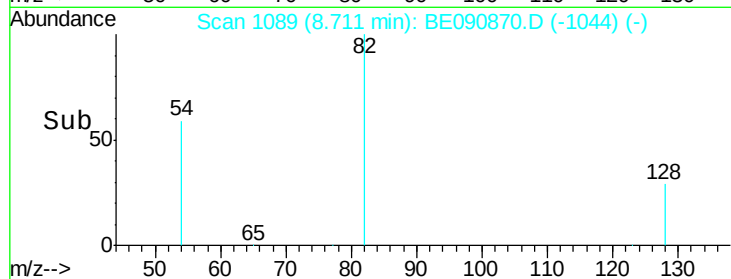
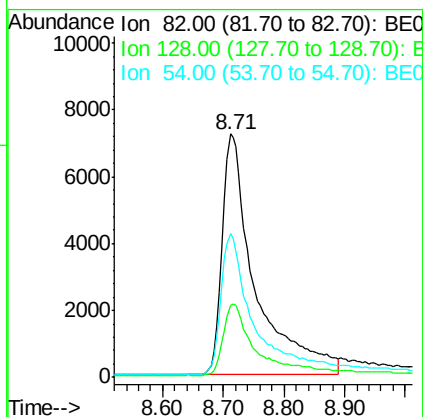
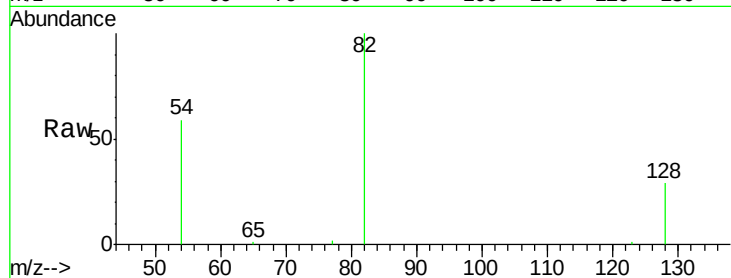
Tot Ion: 82 Resp: 27399

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

54 59.1 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

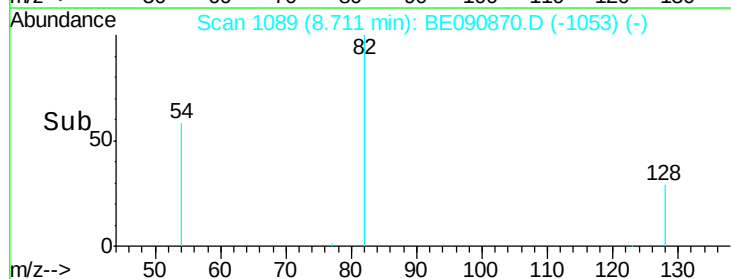
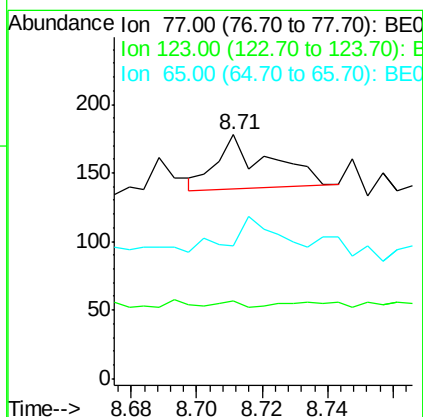
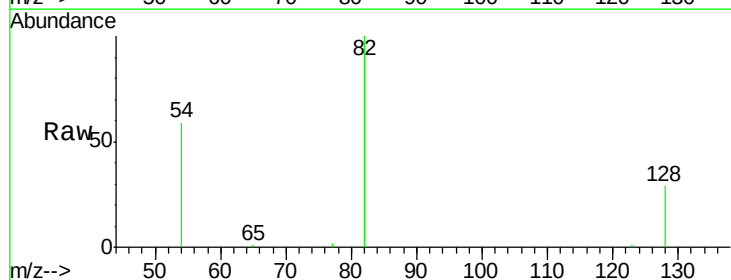
Tgt Ion: 77 Resp: 44

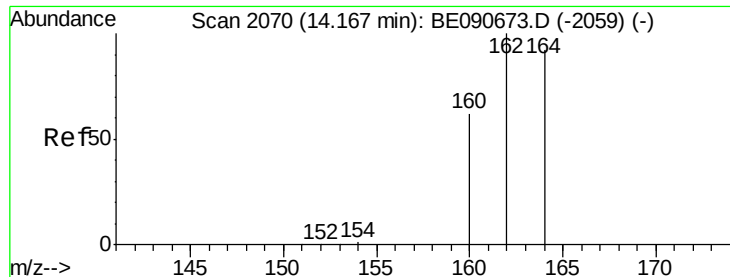
Ion Ratio Lower Upper

77 100

123 4.5 25.1 37.7#

65 54.5 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

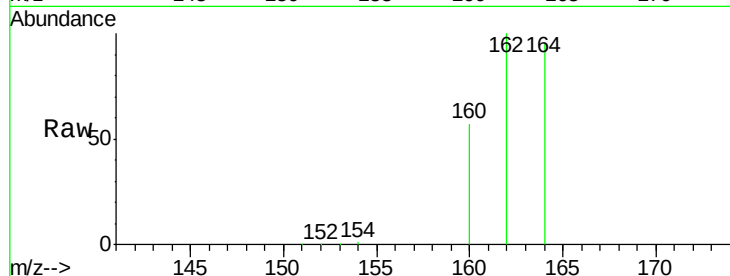
Tot Ion:164 Resp: 55057

Ion Ratio Lower Upper

164 100

162 105.6 86.8 130.2

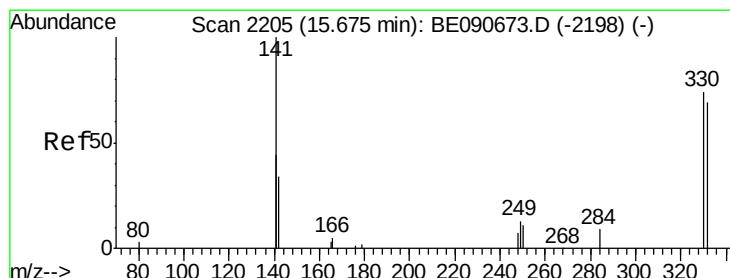
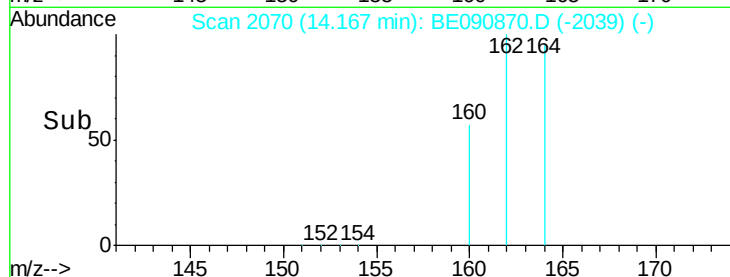
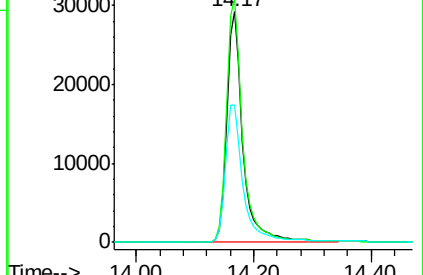
160 59.9 53.9 80.9



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



#13

2,4,6-Tribromophenol

Concen: 8.44 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

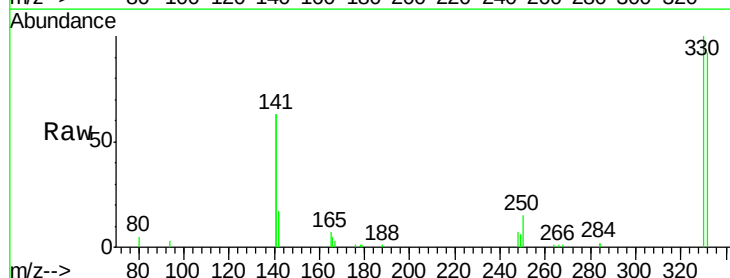
Tgt Ion:330 Resp: 13658

Ion Ratio Lower Upper

330 100

332 94.8 74.9 112.3

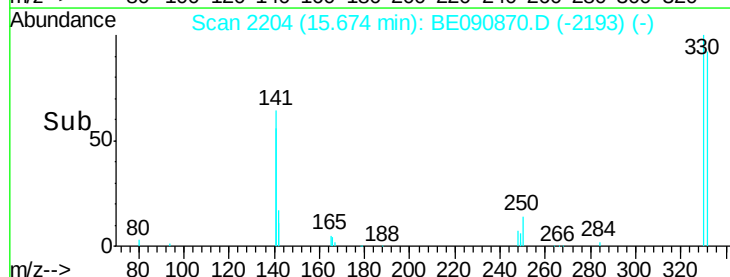
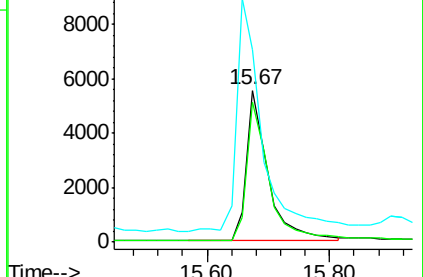
141 178.1 145.2 217.8

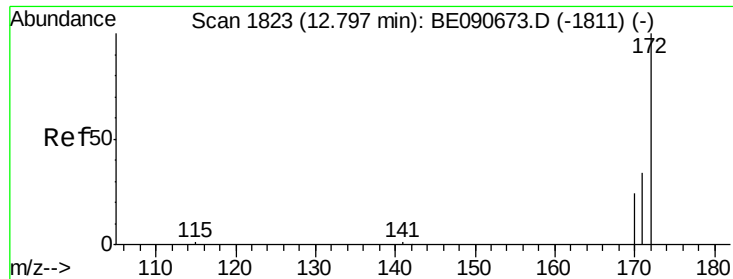


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

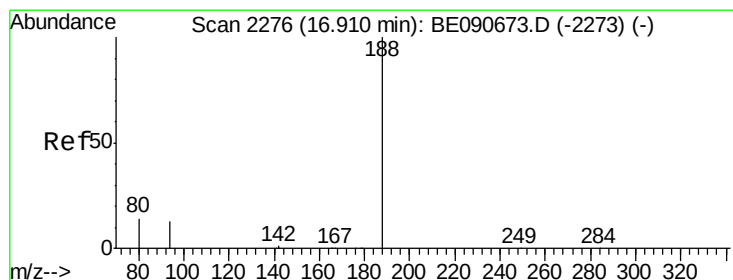
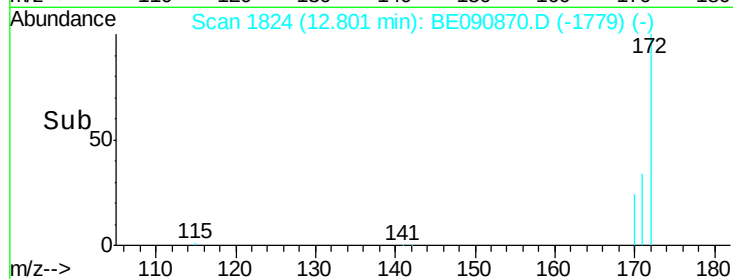
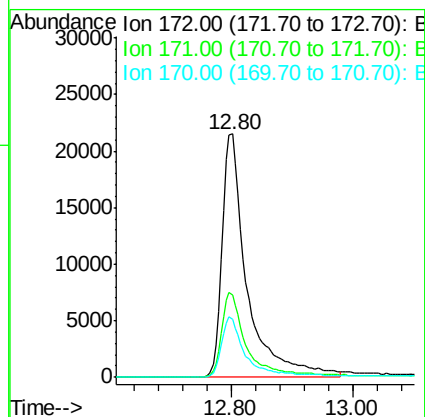
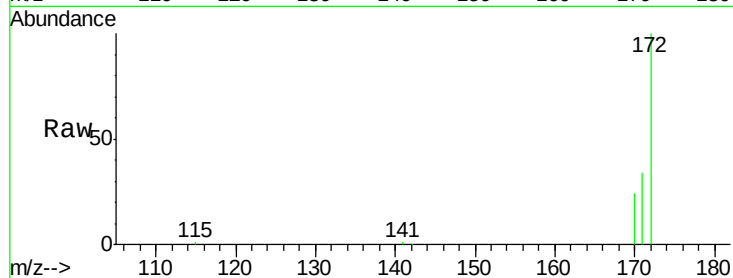




#14
2-Fluorobiphenyl
Concen: 4.00 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

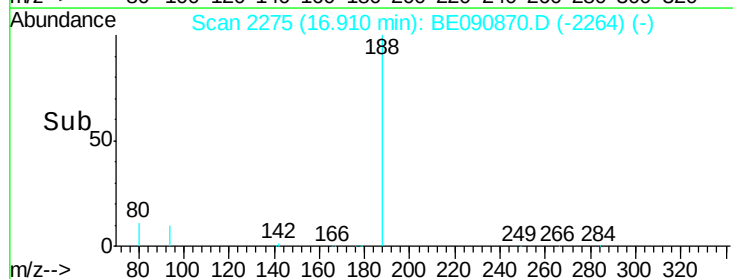
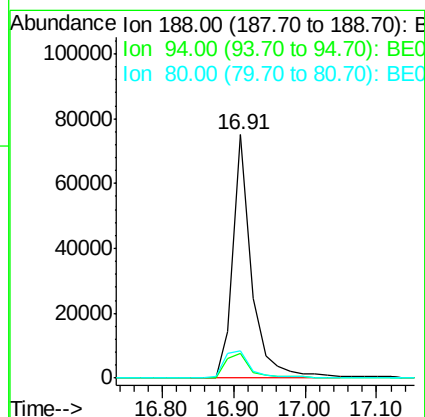
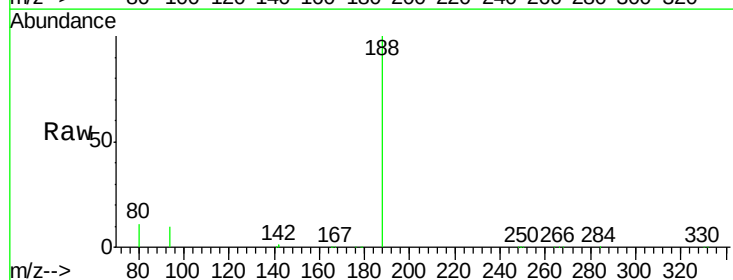
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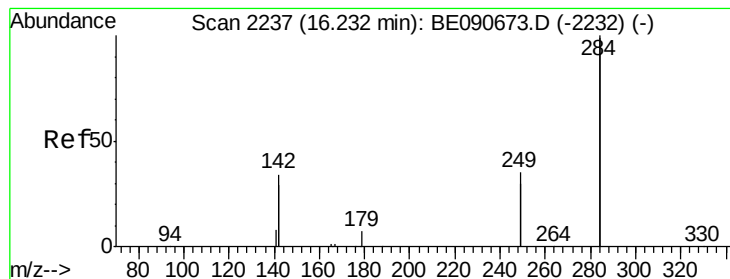
Tot Ion:172 Resp: 60947
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Tgt Ion:188 Resp: 136281
Ion Ratio Lower Upper
188 100
94 10.0 10.3 15.5#
80 11.2 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

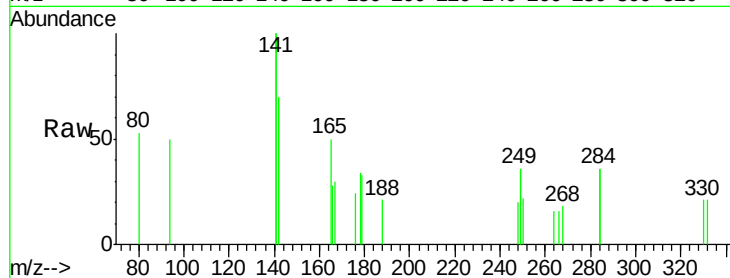
Tot Ion:284 Resp: 31

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

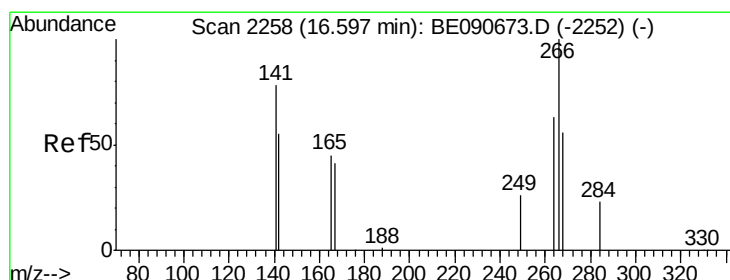
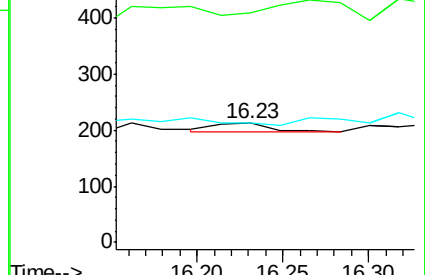
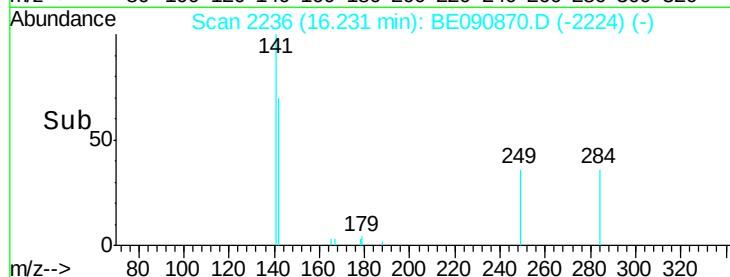
249 0.0 25.5 38.3#



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



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

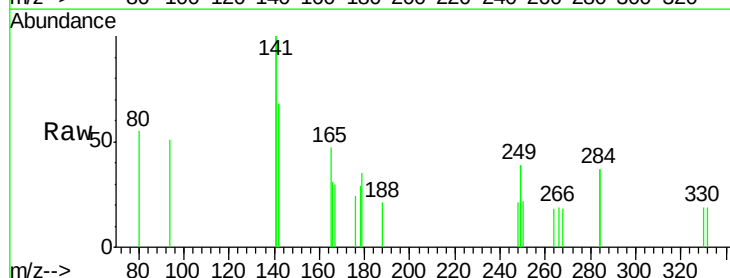
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

268 94.3 49.6 74.4#

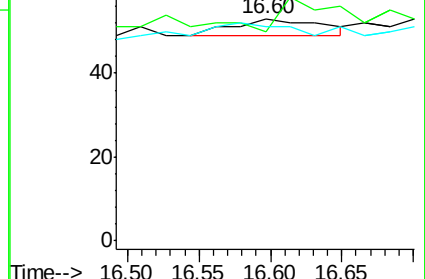
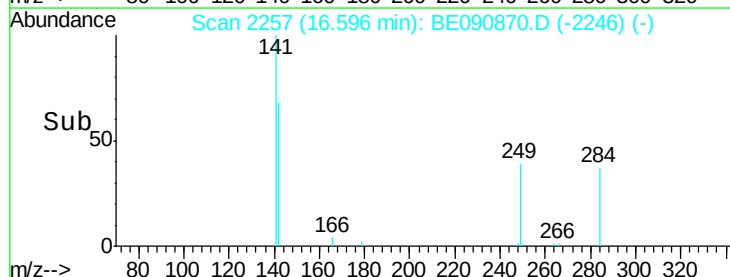
264 96.2 53.9 80.9#

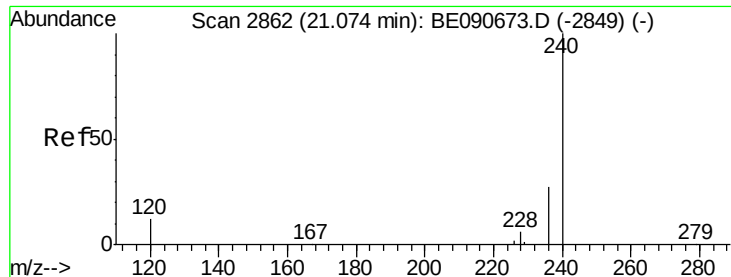


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

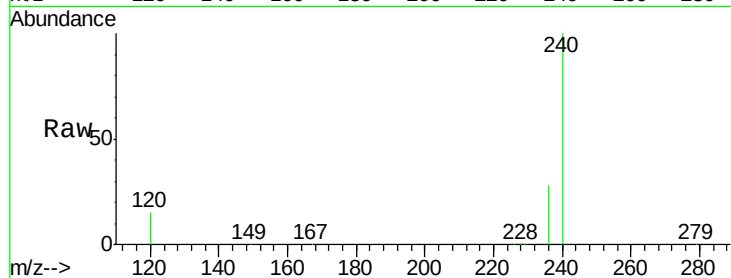
Tot Ion:240 Resp: 186190

Ion Ratio Lower Upper

240 100

120 15.3 10.1 15.1#

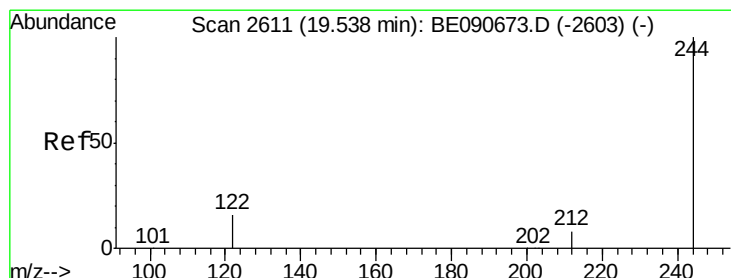
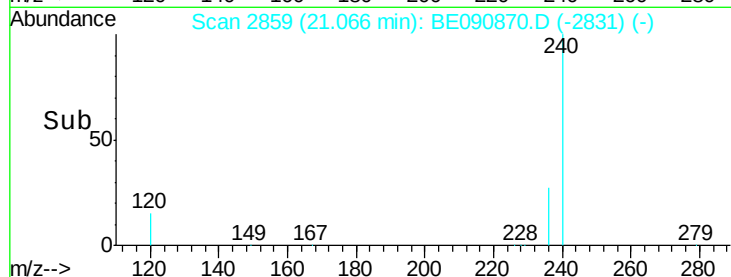
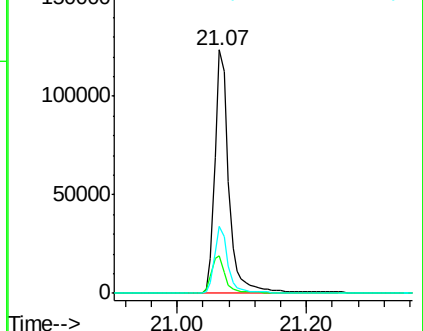
236 27.5 21.9 32.9



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: 5.38 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

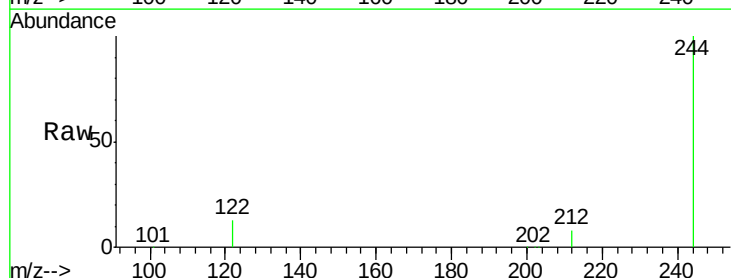
Tgt Ion:244 Resp: 110918

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

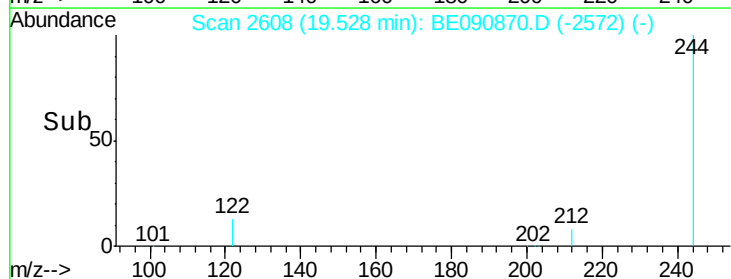
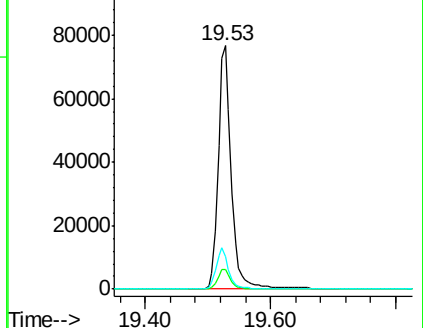
122 13.5 12.9 19.3

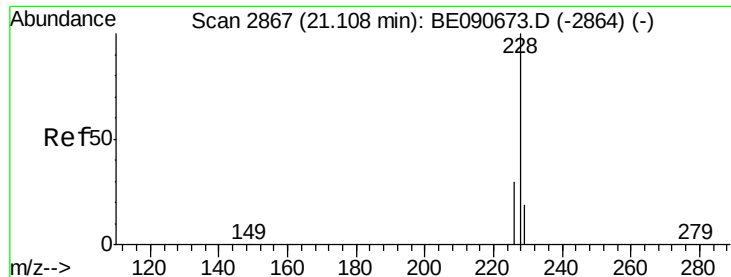


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

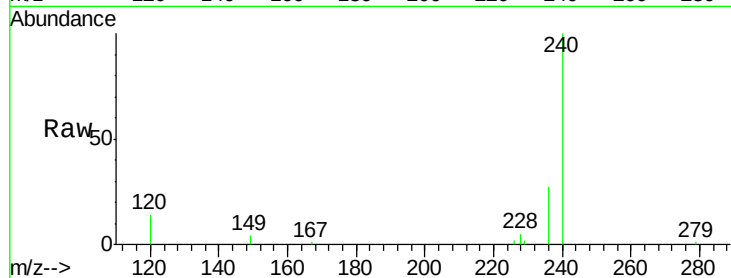
Tot Ion:228 Resp: 454

Ion Ratio Lower Upper

228 100

226 40.4 24.2 36.4#

229 35.6 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

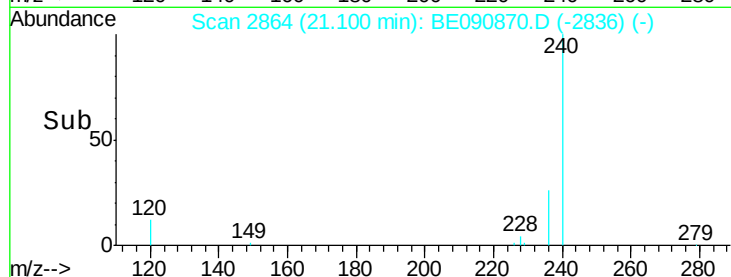
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

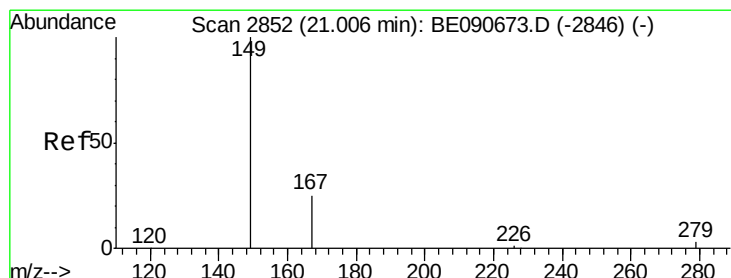
21.10

21.15

21.20



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

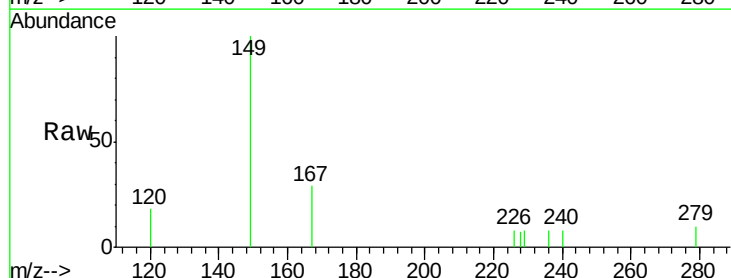
Tgt Ion:149 Resp: 850

Ion Ratio Lower Upper

149 100

167 26.0 20.1 30.1

279 8.7 2.3 3.5#



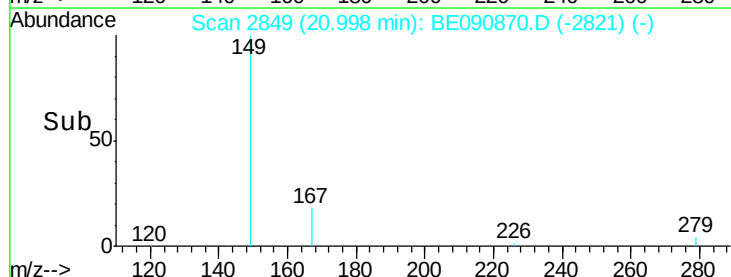
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

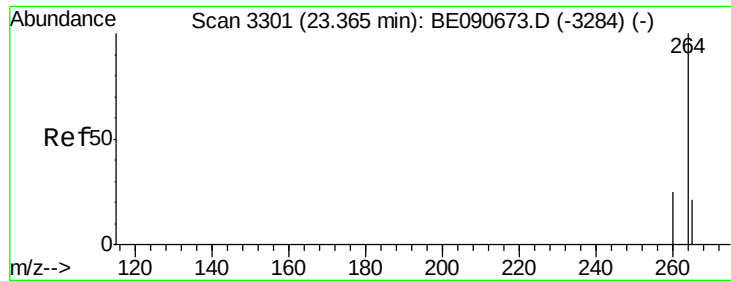
Ion 279.00 (278.70 to 279.70): E

21.00

21.05



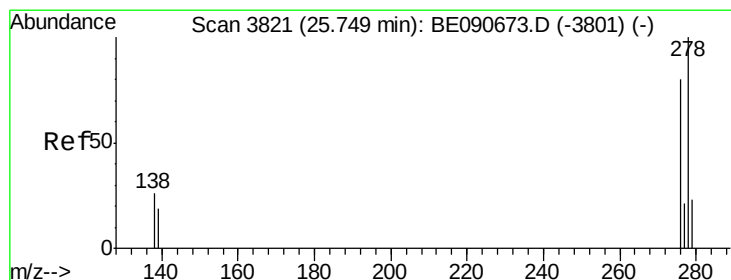
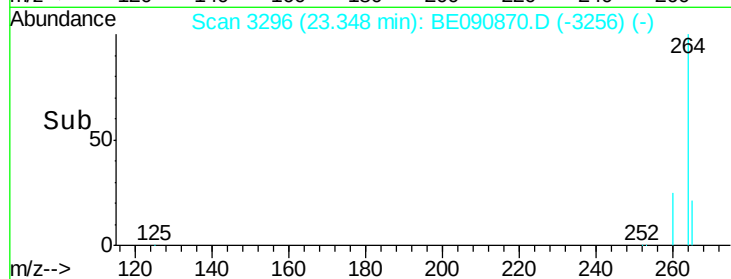
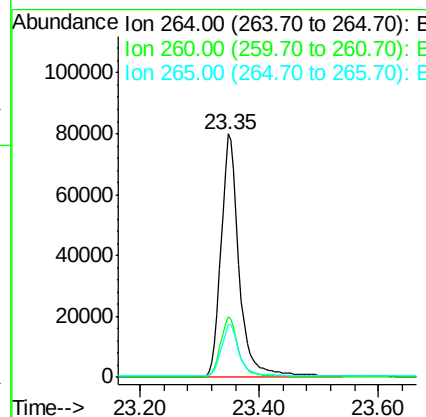
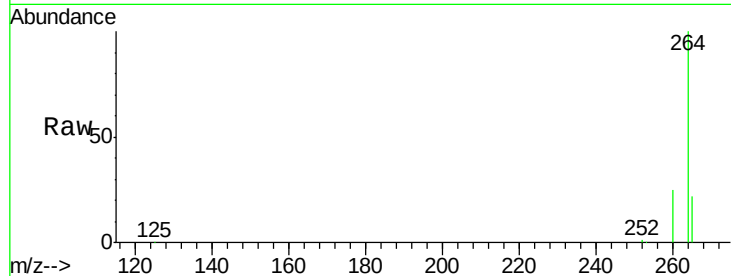
Time-->



#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3296
Delta R.T. -0.02 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-D-S

Tot Ion:264 Resp: 170287
Ion Ratio Lower Upper
264 100
260 25.1 19.7 29.5
265 21.6 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.76 min Scan# 3822
Delta R.T. 0.01 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Tgt Ion:278 Resp: 137
Ion Ratio Lower Upper
278 100
139 118.9 15.4 23.0#
279 90.5 18.8 28.2#

