

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
 Data File : BE090961.D
 Acq On : 23 Sep 2015 22:23
 Operator : UM/IZ
 Sample : G3651-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073031

Quant Time: Sep 24 01:16:06 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	7.54	152	43164	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	188545	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	112845	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	246274	5.00	ng	0.00
26) Chrysene-d12	21.07	240	295048	5.00	ng	0.00
33) Perylene-d12	23.35	264	266780	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.17	112	24441	2.50	ng	-0.01
5) Phenol-d6	6.79	99	14862	1.10	ng	0.04
8) Nitrobenzene-d5	8.72	82	40668	3.13	ng	0.01
14) 2,4,6-Tribromophenol	15.67	330	25867	6.49	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	108208	3.38	ng	0.00
28) Terphenyl-d14	19.52	244	171372	5.14	ng	0.00

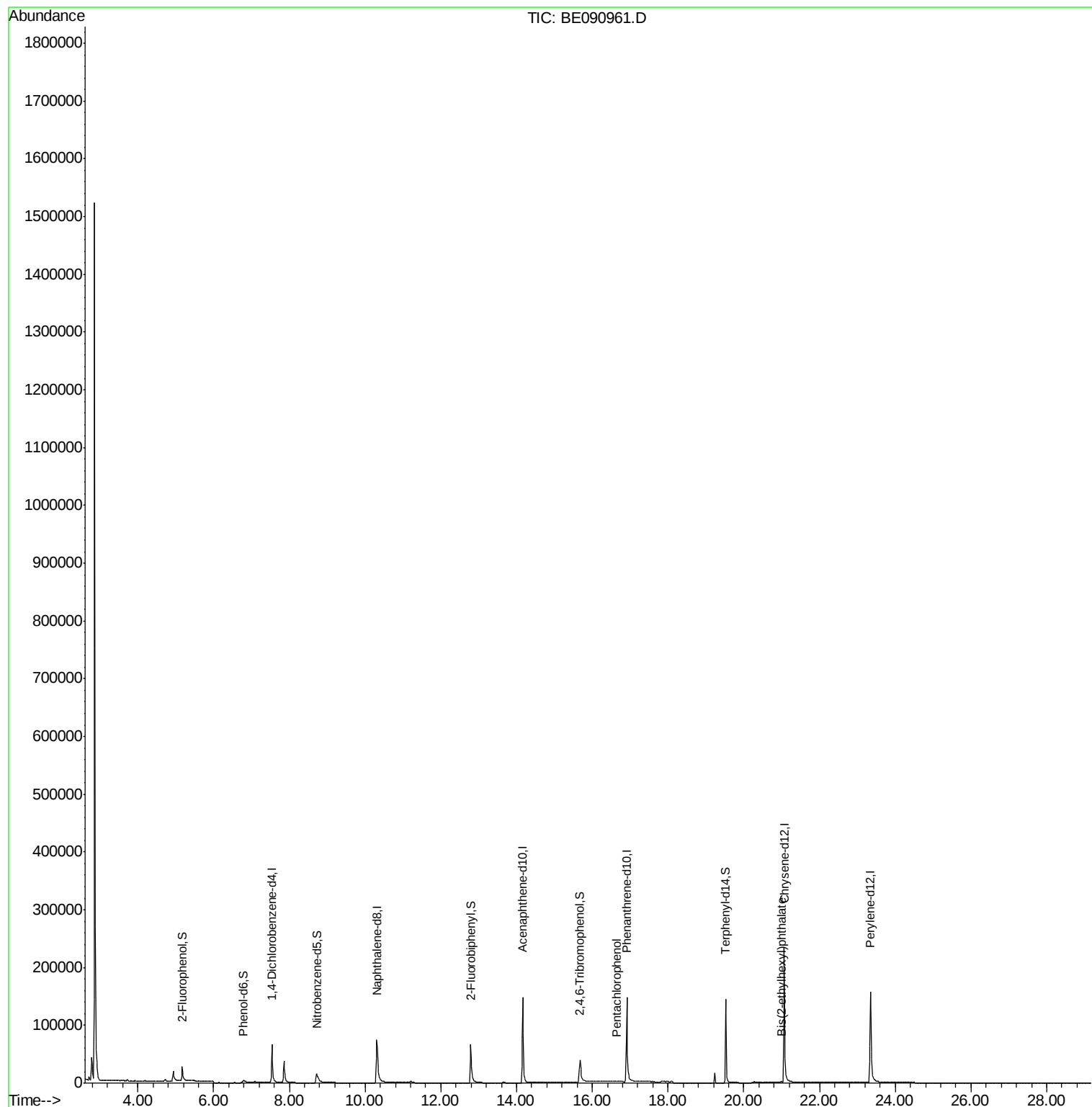
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.43	42	50	Below Cal	#	40
6) bis(2-Chloroethyl)ether	6.98	93	43	Below Cal	#	70
10) Naphthalene	10.36	128	308	Below Cal	#	22
11) Hexachlorobutadiene	10.66	225	2	Below Cal	#	1
18) Fluorene	15.24	166	101	Below Cal	#	71
21) Hexachlorobenzene	16.23	284	46	Below Cal	#	37
22) Pentachlorophenol	16.65	266	65	0.19 ng	#	65
23) Phenanthrene	16.94	178	501	Below Cal	#	70
30) Chrysene	21.10	228	914	Below Cal	#	82
31) Bis(2-ethylhexyl)phthalate	20.99	149	2526	0.24 ng	#	99

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

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 725

Delta R.T. -0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

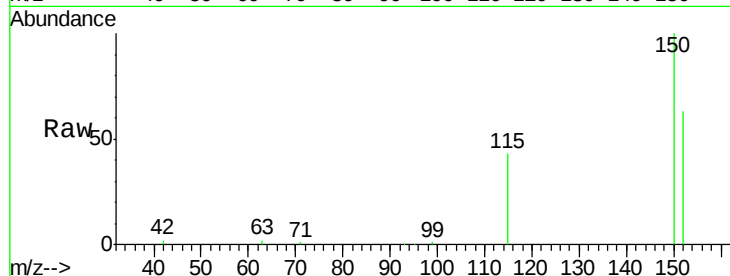
Tot Ion:152 Resp: 43164

Ion Ratio Lower Upper

152 100

150 159.2 122.2 183.4

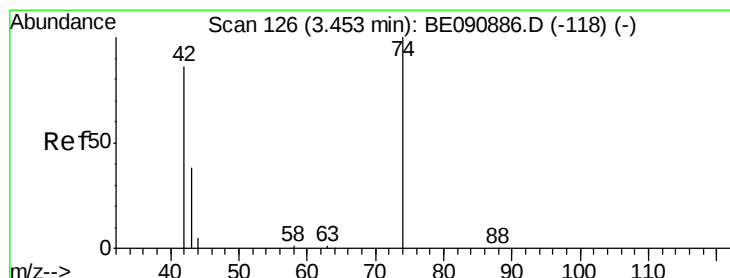
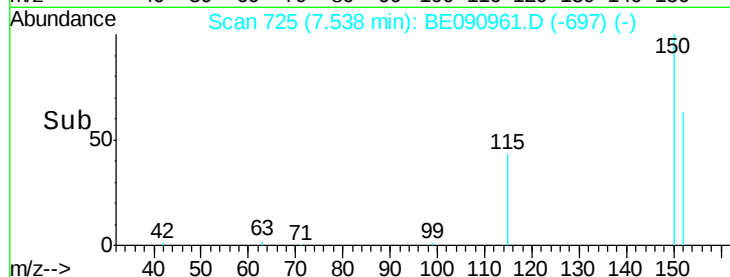
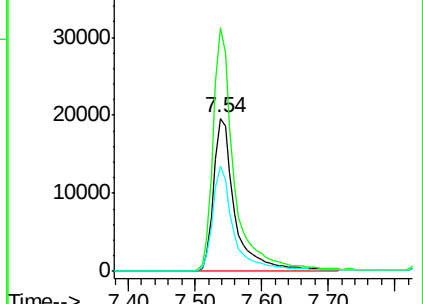
115 69.3 51.0 76.4



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



#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.43 min Scan# 122

Delta R.T. -0.03 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

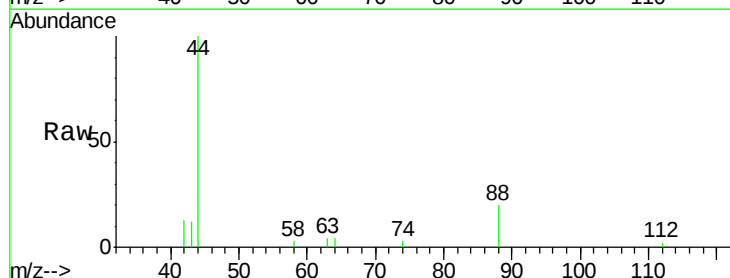
Tgt Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

74 40.0 83.7 125.5#

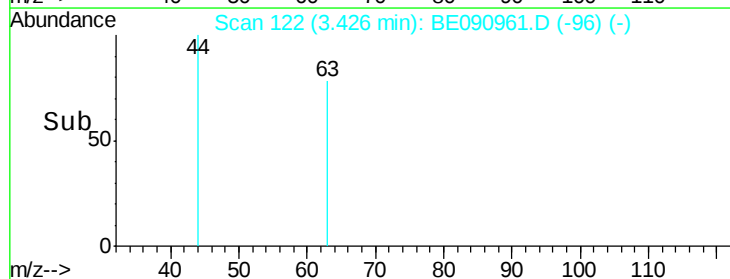
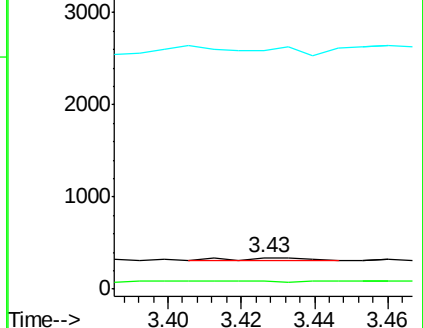
44 0.0 10.0 15.0#

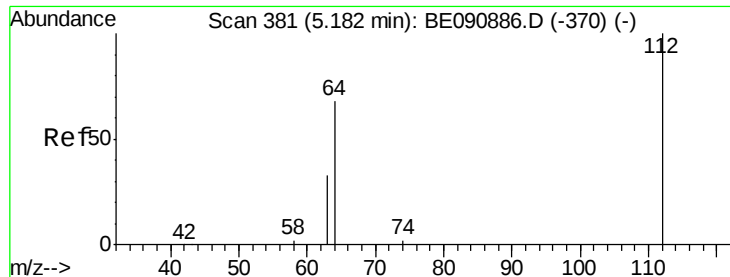


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 2.50 ng

RT: 5.17 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

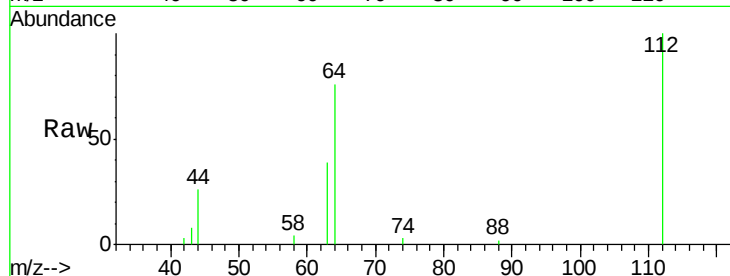
Tot Ion:112 Resp: 24441

Ion Ratio Lower Upper

112 100

64 71.9 57.3 85.9

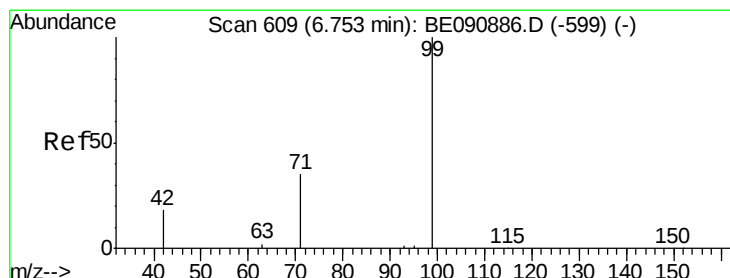
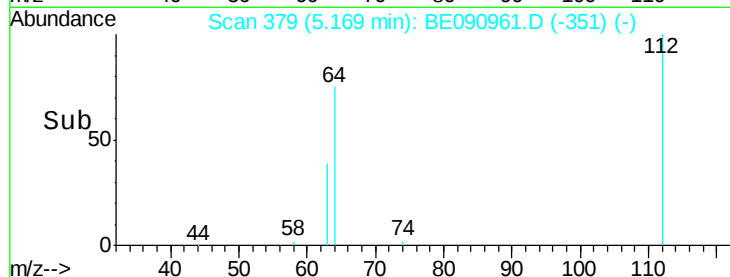
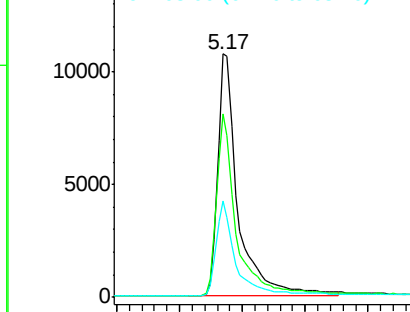
63 37.3 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE090886.D (-370) (-)

Ion 64.00 (63.70 to 64.70): BE090886.D (-370) (-)

Ion 63.00 (62.70 to 63.70): BE090886.D (-370) (-)



#5

Phenol-d6

Concen: 1.10 ng

RT: 6.79 min Scan# 615

Delta R.T. 0.04 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

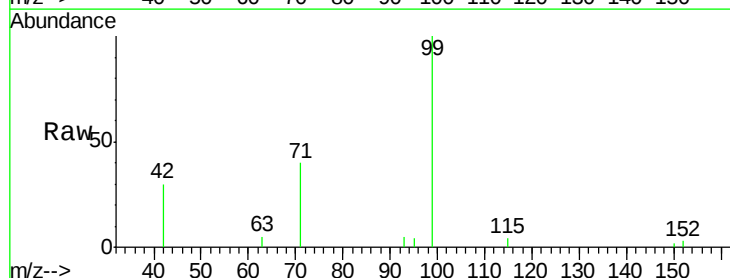
Tgt Ion: 99 Resp: 14862

Ion Ratio Lower Upper

99 100

42 17.9 16.8 25.2

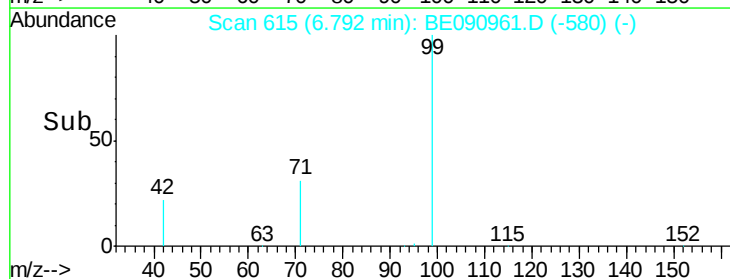
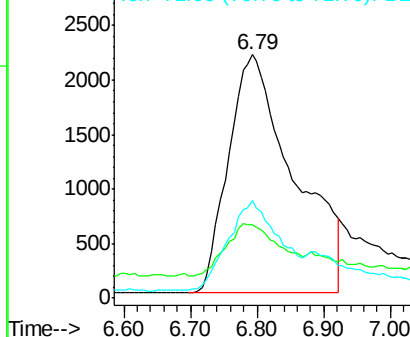
71 29.9 28.3 42.5

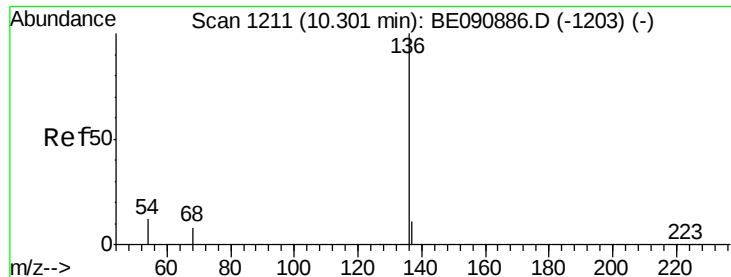


Abundance Ion 99.00 (98.70 to 99.70): BE090886.D (-599) (-)

Ion 42.00 (41.70 to 42.70): BE090886.D (-599) (-)

Ion 71.00 (70.70 to 71.70): BE090886.D (-599) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

Tot Ion:136 Resp: 188545

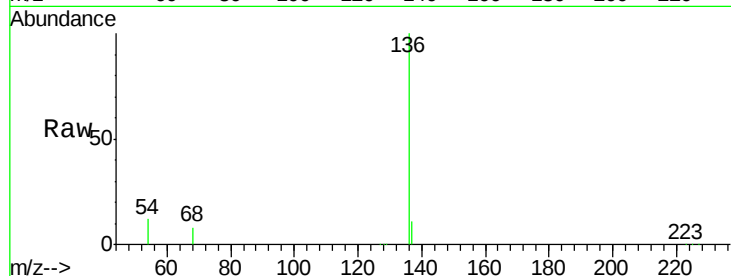
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.7 9.0 13.6

68 8.4 6.3 9.5

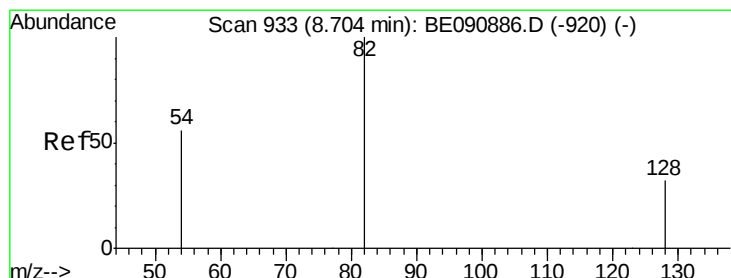
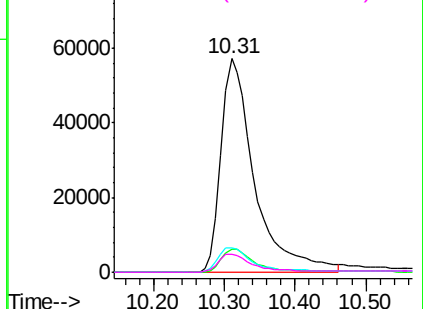
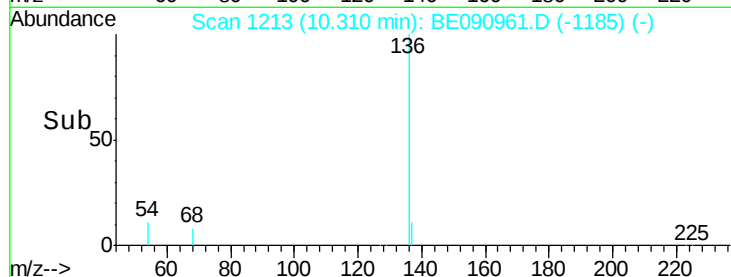


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.13 ng

RT: 8.72 min Scan# 936

Delta R.T. 0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

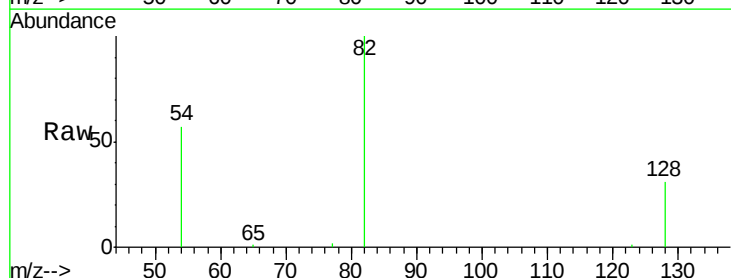
Tgt Ion: 82 Resp: 40668

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

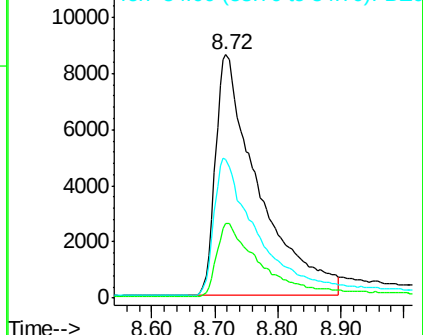
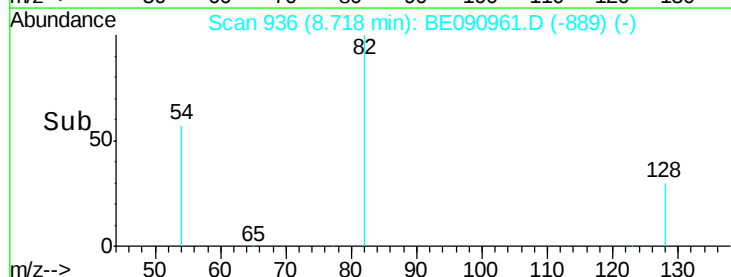
54 57.2 46.3 69.5

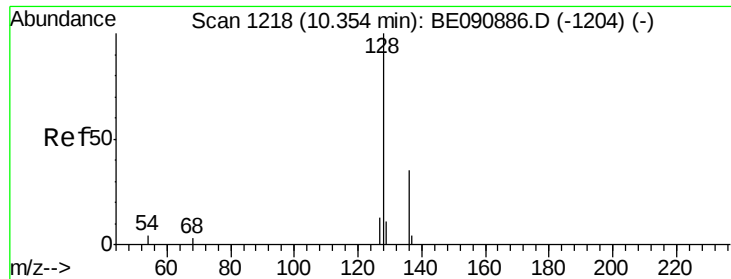


Abundance Ion 82.00 (81.70 to 82.70): BE0

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# 1220

Delta R.T. 0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampled :

CPS073031

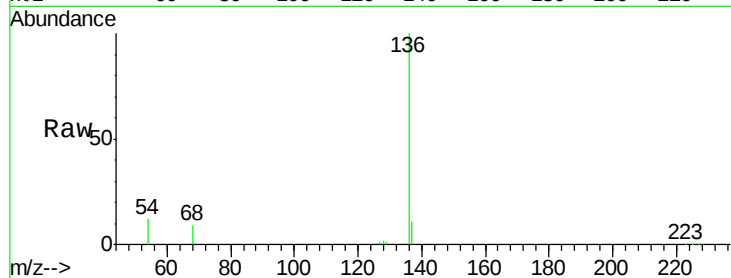
Tot Ion:128 Resp: 308

Ion Ratio Lower Upper

128 100

129 39.8 8.4 12.6#

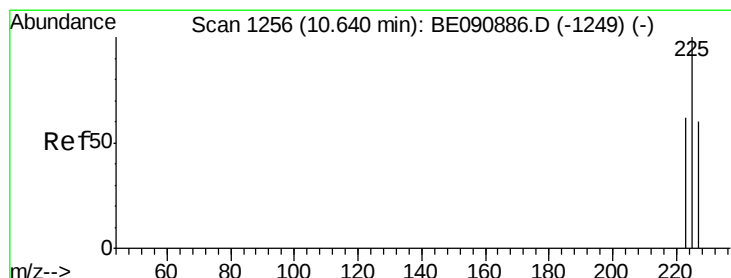
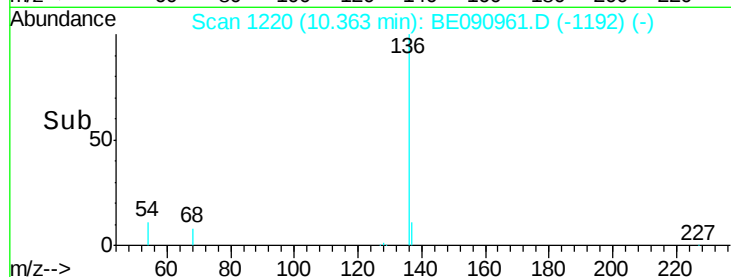
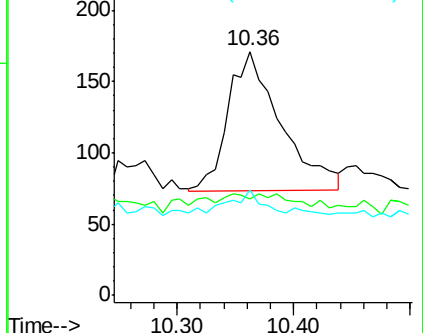
127 43.3 9.9 14.9#



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# 1259

Delta R.T. 0.02 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

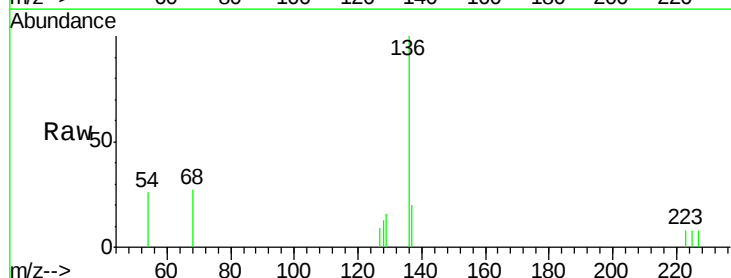
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 500.0 50.6 76.0#

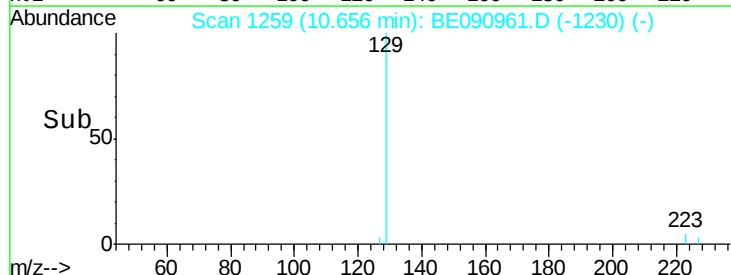
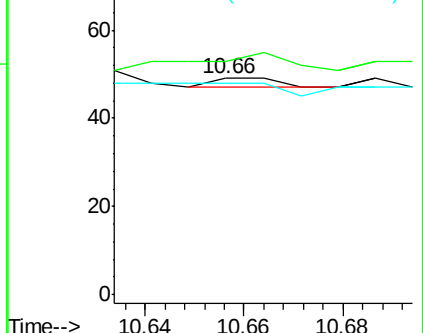
227 0.0 51.0 76.6#

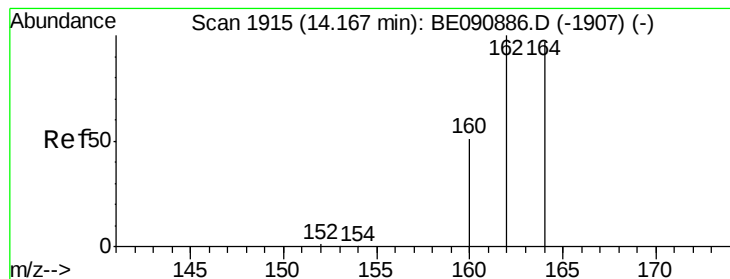


Abundance Ion 225.00 (224.70 to 225.70): E

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: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

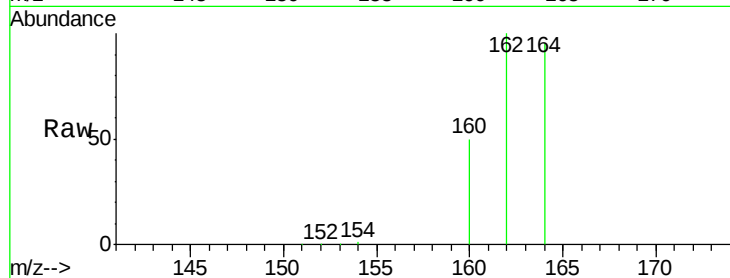
Tot Ion:164 Resp: 112845

Ion Ratio Lower Upper

164 100

162 105.7 86.8 130.2

160 53.3 53.9 80.9#



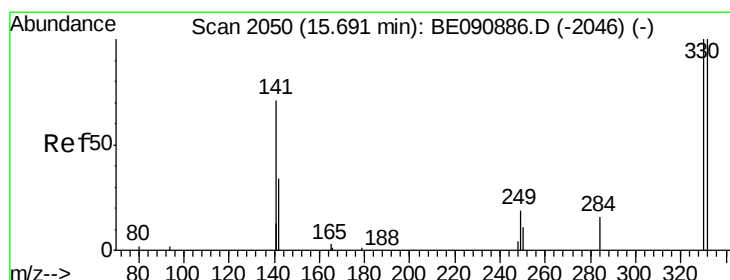
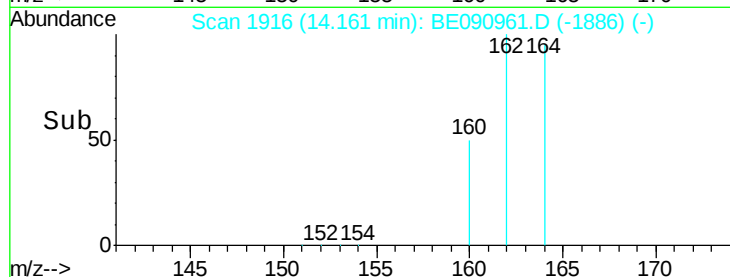
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.16

Time-->



#14

2,4,6-Tribromophenol

Concen: 6.49 ng

RT: 15.67 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

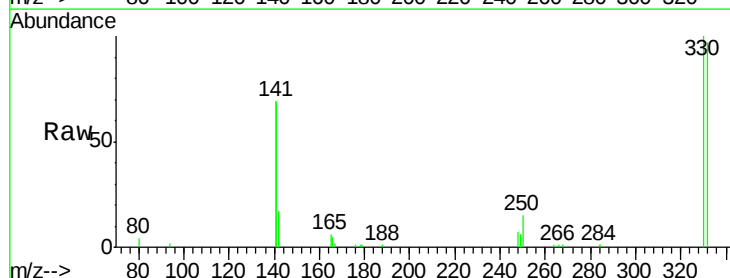
Tgt Ion:330 Resp: 25867

Ion Ratio Lower Upper

330 100

332 97.7 74.9 112.3

141 174.6 145.2 217.8



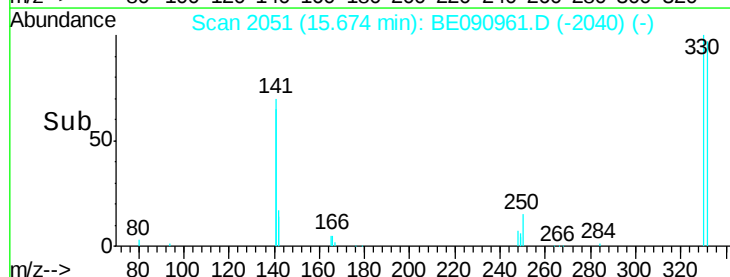
Abundance Ion 329.80 (329.50 to 330.50): E

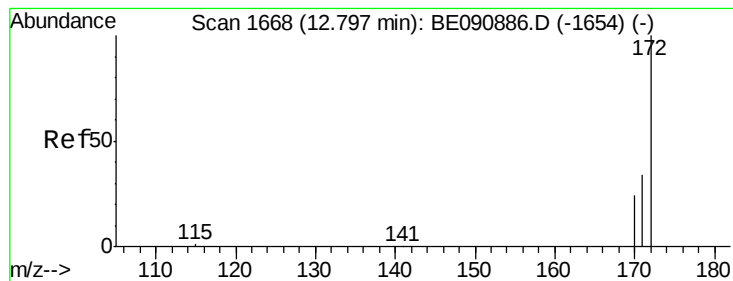
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.67

Time-->

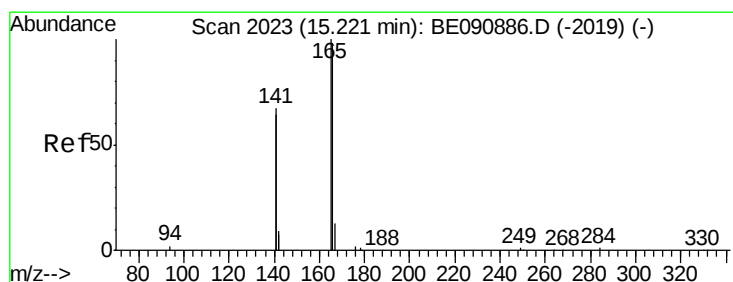
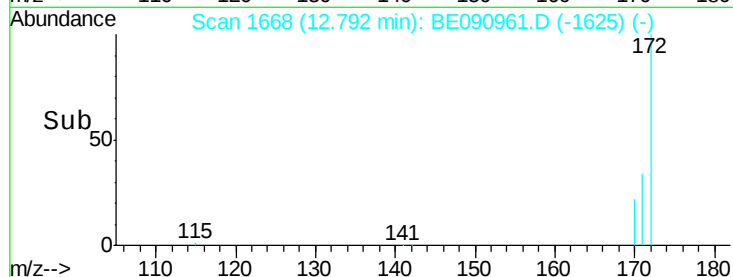
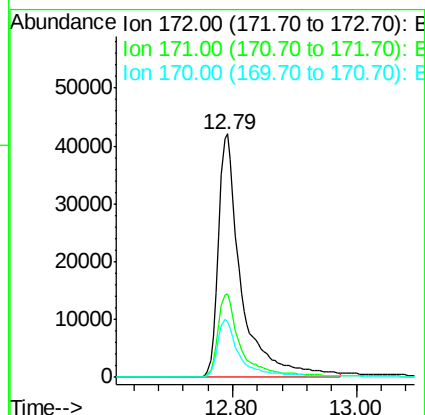
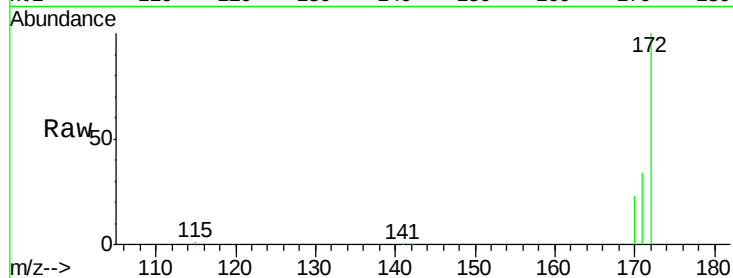




#15
2-Fluorobiphenyl
Concen: 3.38 ng
RT: 12.79 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BE090961.D
Acq: 23 Sep 2015 22:23

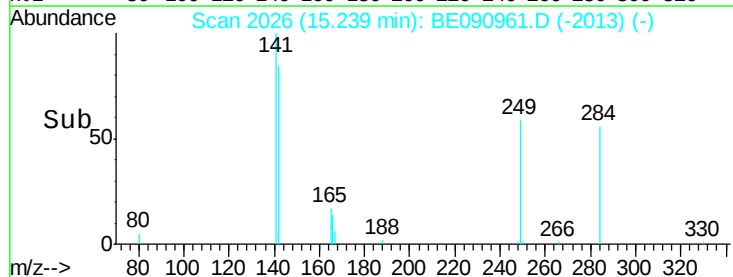
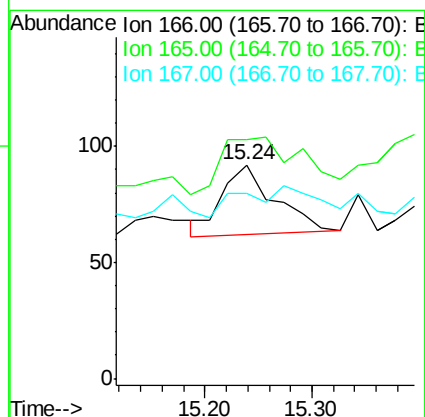
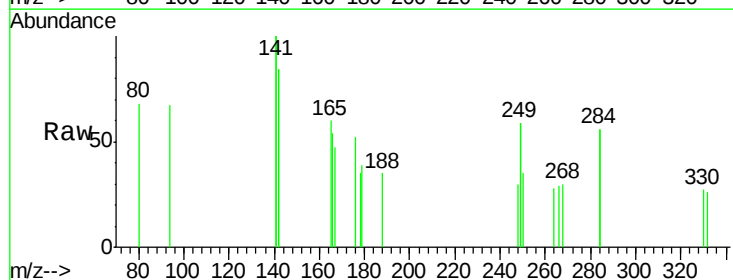
Instrument :
BNA_E
ClientSampled :
CPS073031

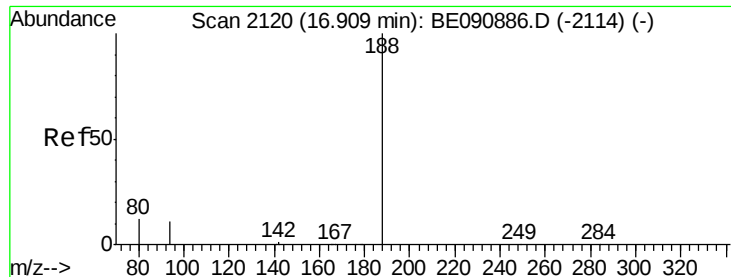
Tot Ion:172 Resp: 108208
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.6 19.8 29.6



#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2026
Delta R.T. 0.02 min
Lab File: BE090961.D
Acq: 23 Sep 2015 22:23

Tgt Ion:166 Resp: 101
Ion Ratio Lower Upper
166 100
165 132.7 82.7 124.1#
167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

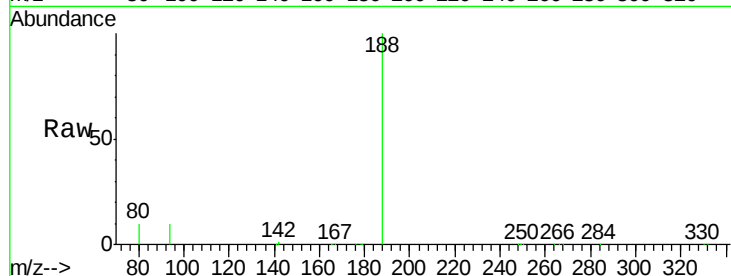
Tot Ion:188 Resp: 246274

Ion Ratio Lower Upper

188 100

94 9.7 10.3 15.5#

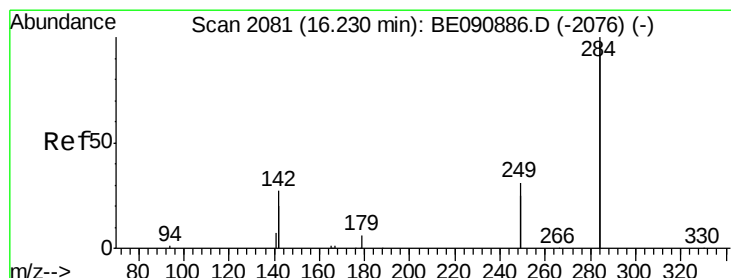
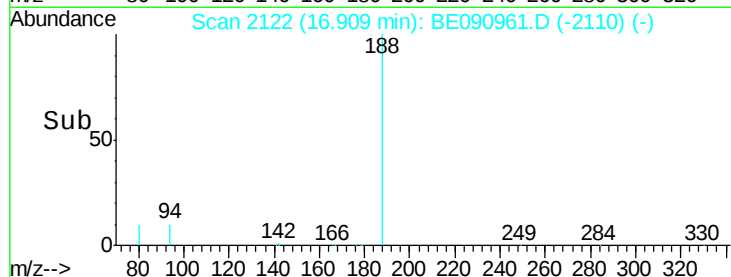
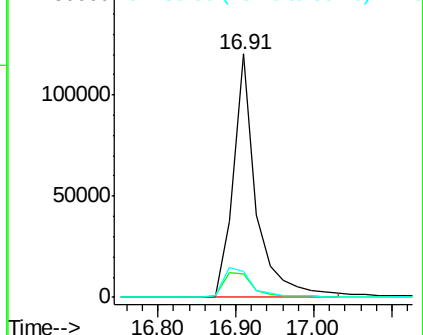
80 10.5 11.0 16.6#



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: 16.23 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

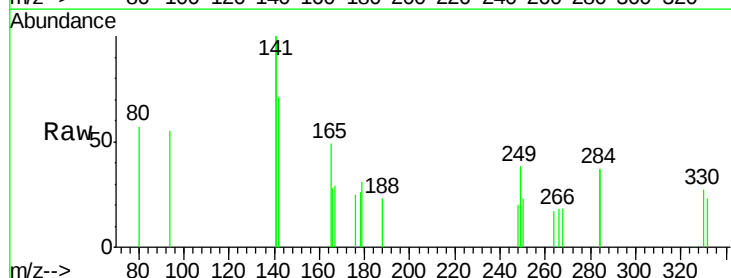
Tgt Ion:284 Resp: 46

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

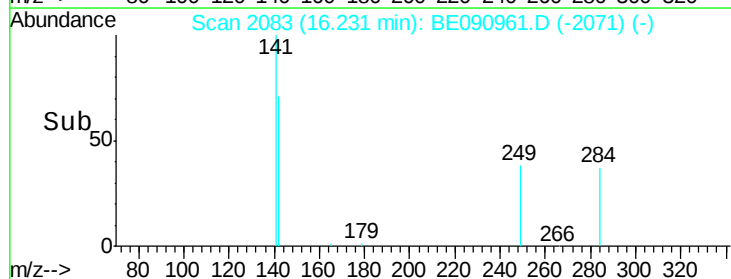
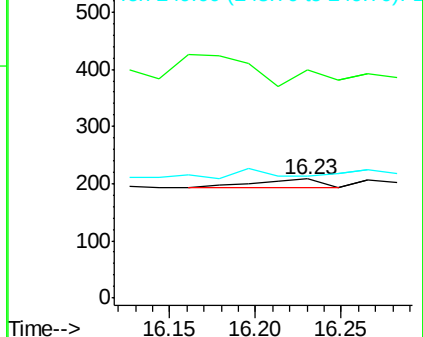
249 0.0 25.5 38.3#

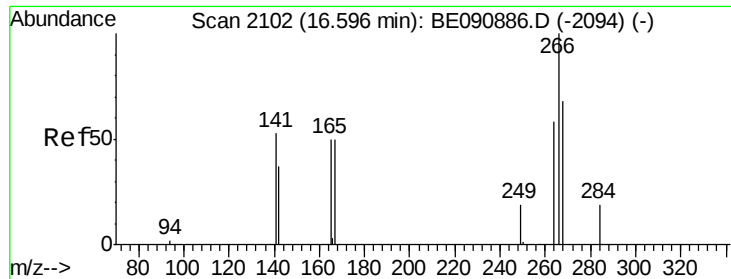


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.19 na

RT: 16.65 min Scan# 2107

Delta R.T. 0.05 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

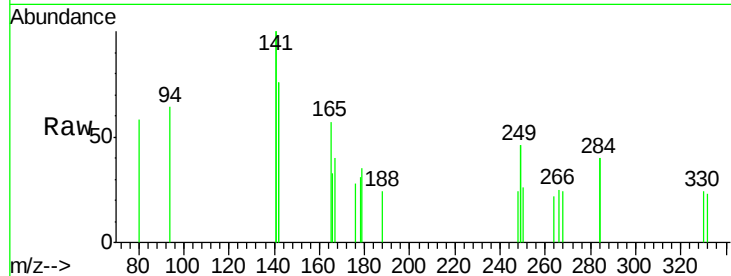
Tot Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 95.2 49.6 74.4#

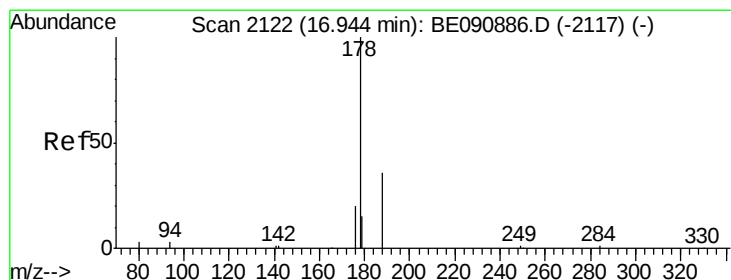
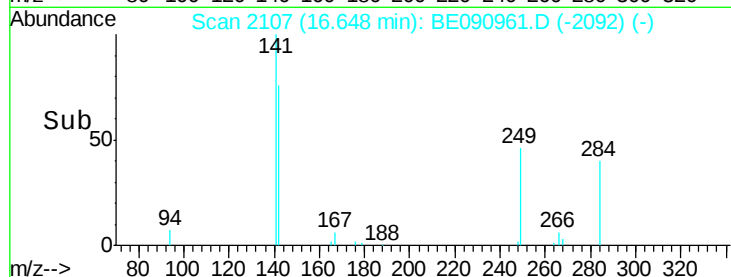
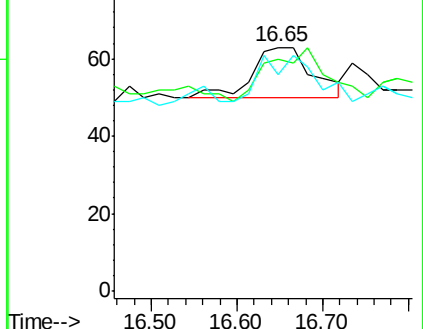
264 88.9 53.9 80.9#



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# 2124

Delta R.T. 0.00 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

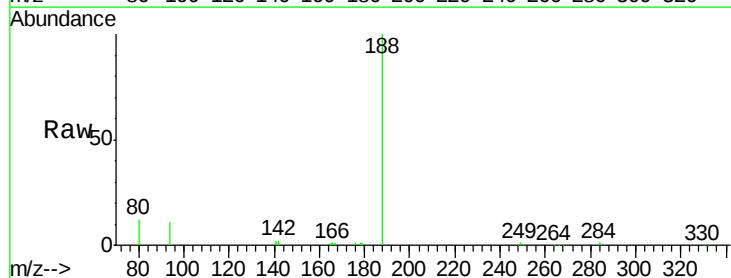
Tgt Ion:178 Resp: 501

Ion Ratio Lower Upper

178 100

176 29.9 15.6 23.4#

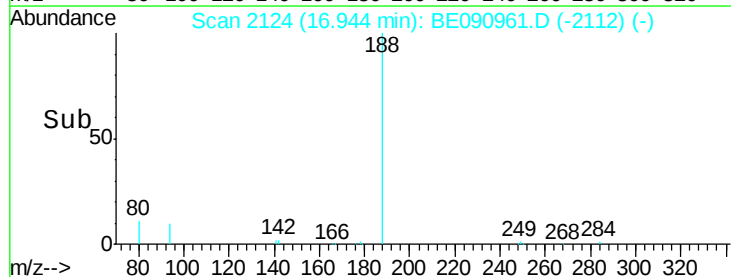
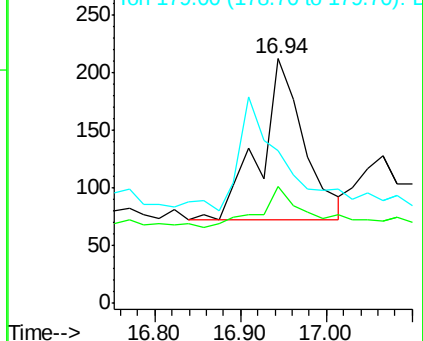
179 0.0 12.8 19.2#

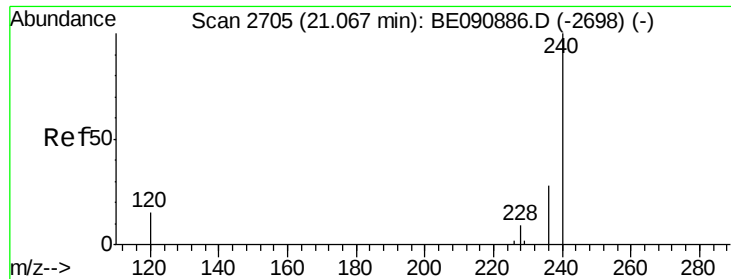


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

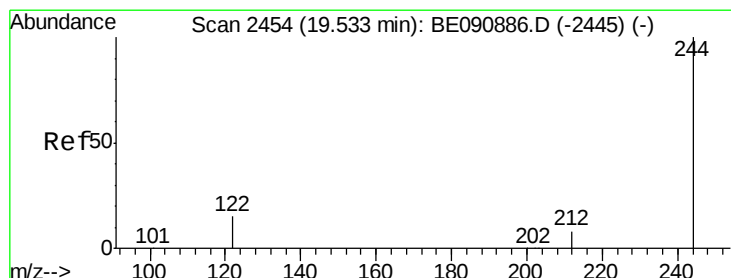
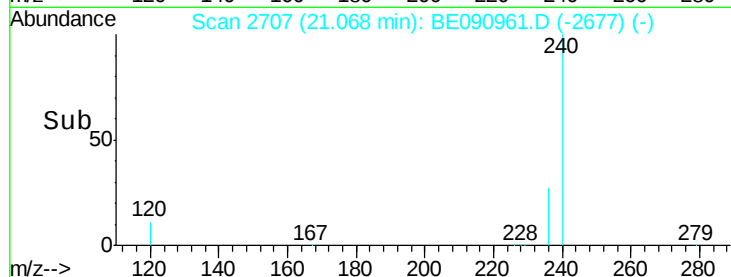
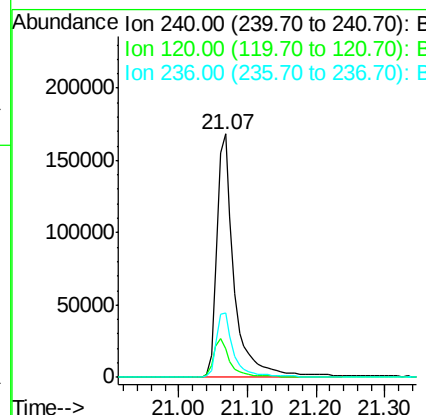
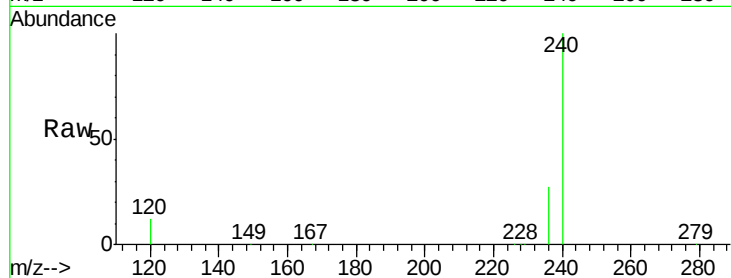




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: BE090961.D
 Acq: 23 Sep 2015 22:23

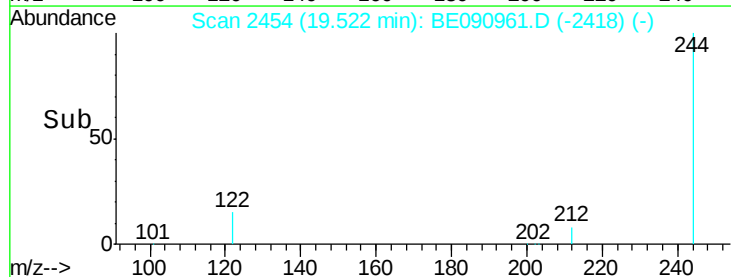
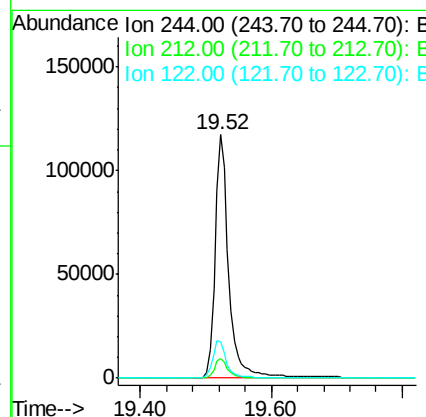
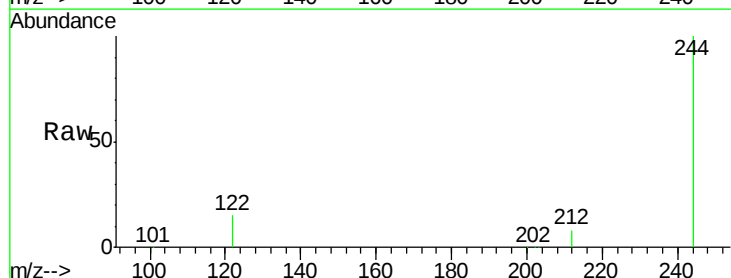
Instrument :
 BNA_E
 ClientSampleId :
 CPS073031

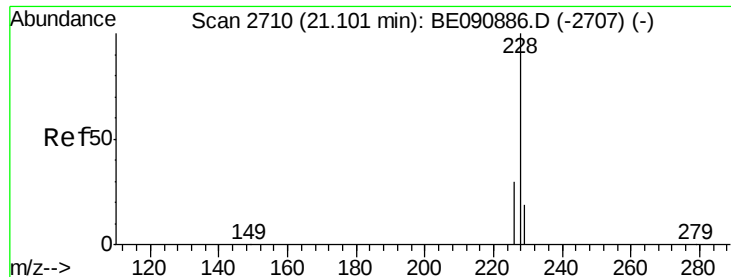
Tot Ion:240 Resp: 295048
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.1 15.1
 236 26.6 21.9 32.9



#28
 Terphenyl-d14
 Concen: 5.14 ng
 RT: 19.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BE090961.D
 Acq: 23 Sep 2015 22:23

Tgt Ion:244 Resp: 171372
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 15.0 12.9 19.3





#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2712

Delta R.T. 0.00 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

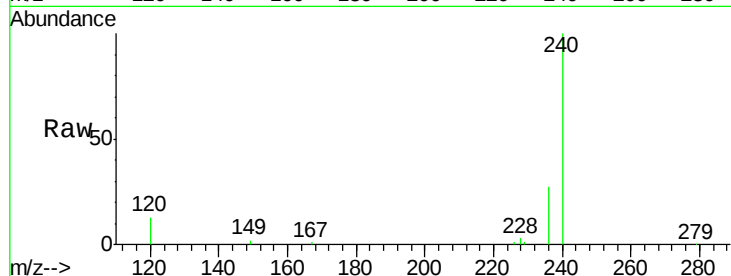
Tot Ion:228 Resp: 914

Ion Ratio Lower Upper

228 100

226 36.6 24.2 36.4#

229 31.7 15.3 22.9#

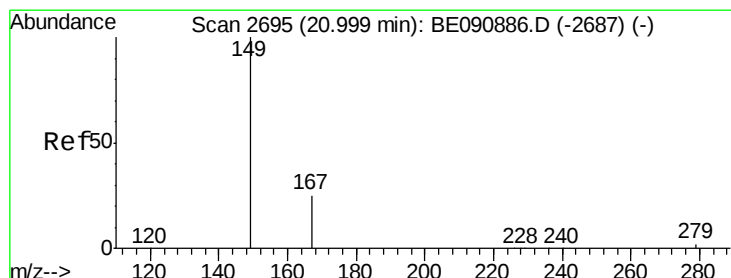
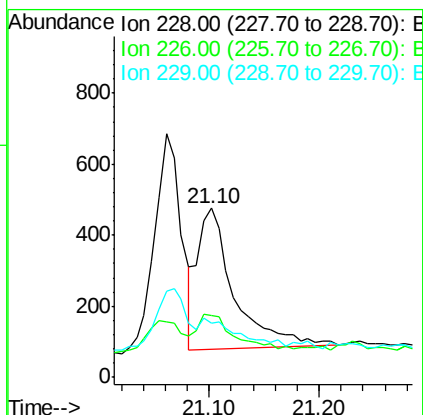
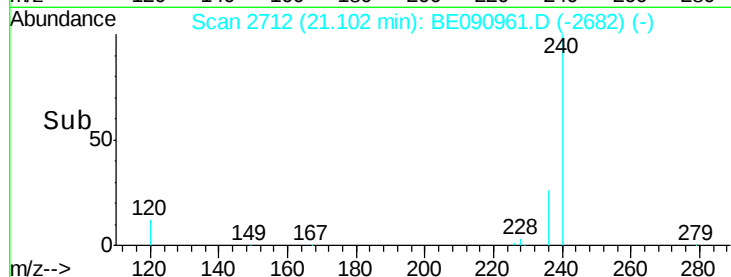


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 20.99 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

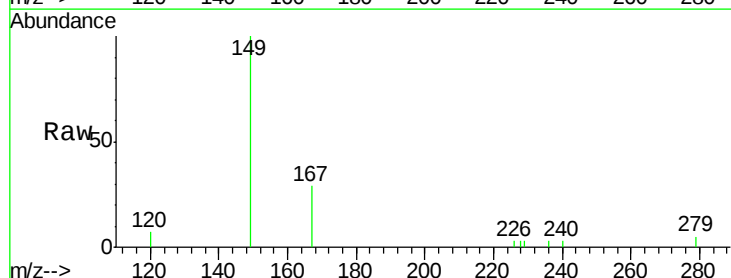
Tgt Ion:149 Resp: 2526

Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

279 4.1 2.3 3.5#

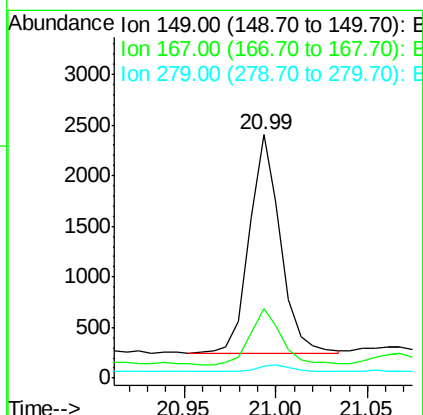
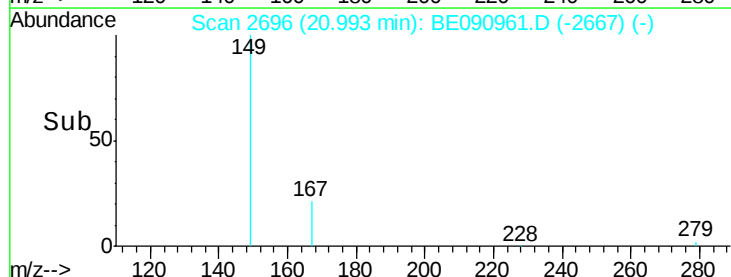


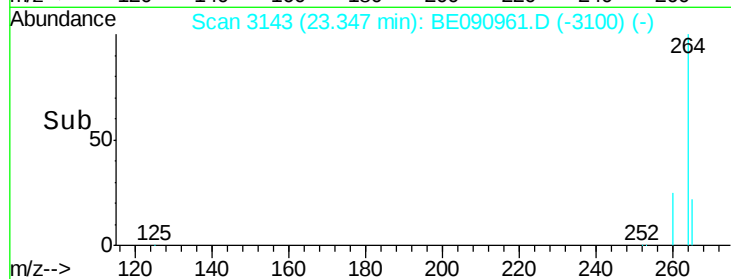
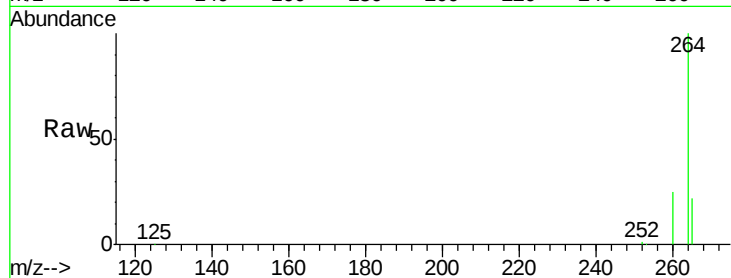
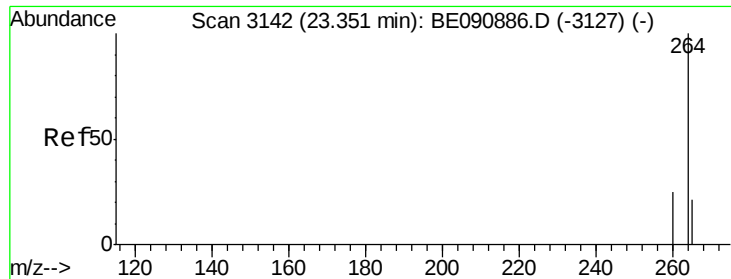
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#33

Pervlene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BE090961.D

Acq: 23 Sep 2015 22:23

Instrument :

BNA_E

ClientSampleId :

CPS073031

Tot Ion:264 Resp: 266780

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.3 17.5 26.3

