

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090693.D
 Acq On : 2 Sep 2015 7:27
 Operator : UM/IZ
 Sample : G3503-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 07:59:32 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 01:57:39 2015
 Response via : Initial Calibration

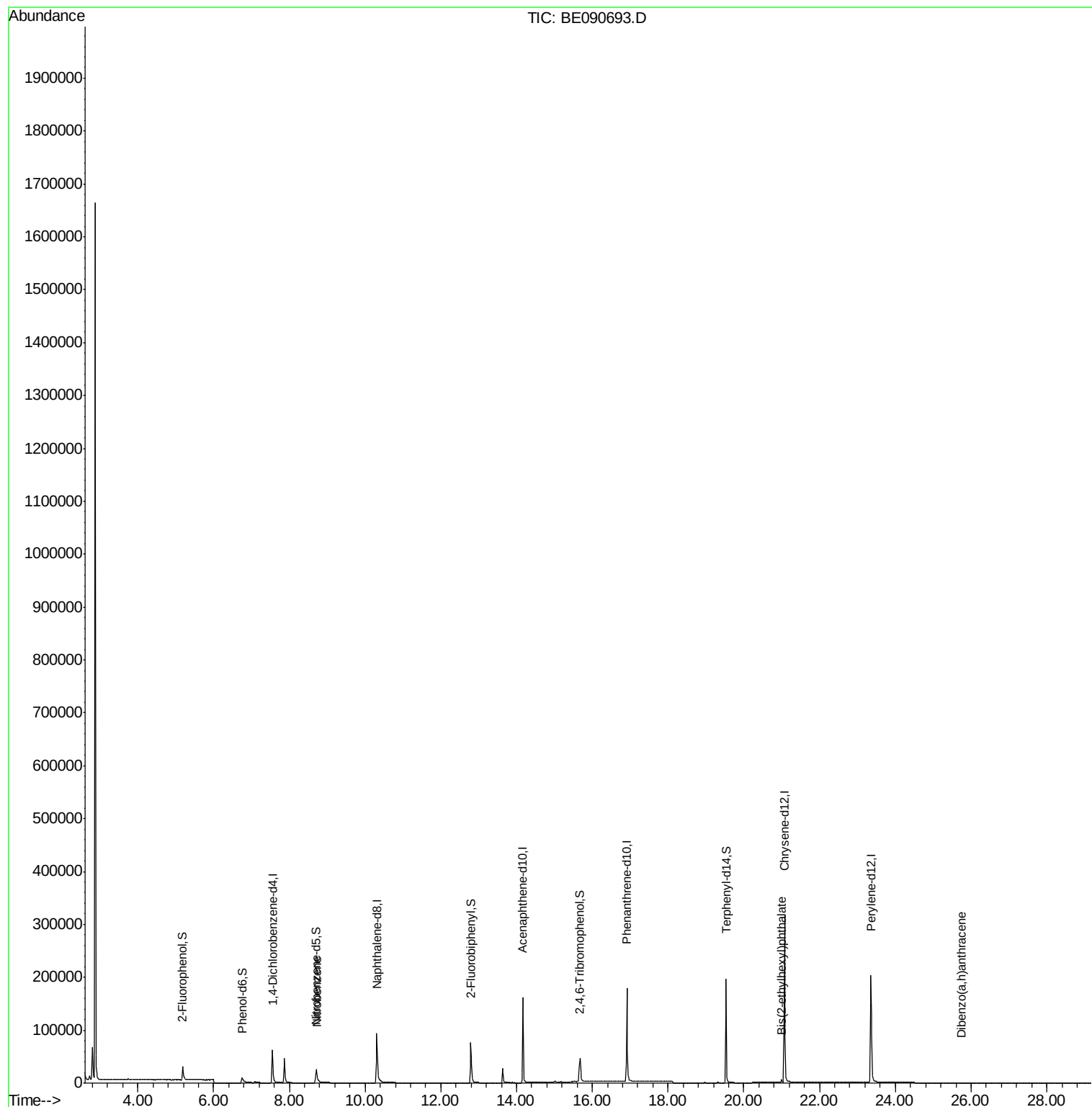
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	37416	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	168985	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	90857	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	238020	5.00	ng	0.00
25) Chrysene-d12	21.07	240	312807	5.00	ng	0.00
32) Perylene-d12	23.36	264	294454	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	25946	3.57	ng	0.00
5) Phenol-d6	6.75	99	23353	2.24	ng	0.00
7) Nitrobenzene-d5	8.71	82	44889	4.02	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	24536	9.18	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101634	4.04	ng	0.00
27) Terphenyl-d14	19.53	244	213299	6.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	225	Below Cal	#	1
3) n-Nitrosodimethylamine	3.39	42	435	Below Cal	#	1
8) Nitrobenzene	8.73	77	46	0.11 ng	#	50
20) Hexachlorobenzene	16.23	284	136	Below Cal	#	1
21) Pentachlorophenol	16.60	266	19	Below Cal	#	58
29) Chrysene	21.11	228	932	Below Cal	#	85
30) Bis(2-ethylhexyl)phthalate	21.00	149	5231	0.35 ng		97
36) Dibenzo(a,h)anthracene	25.75	278	326	0.14 ng	#	1

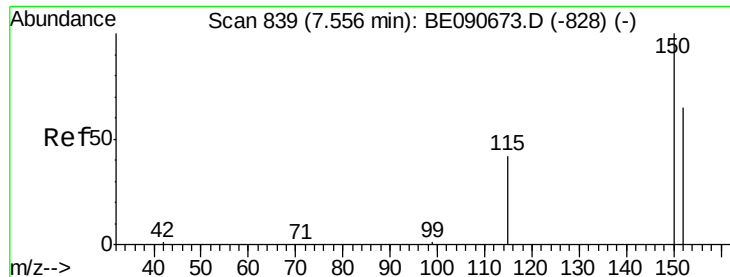
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

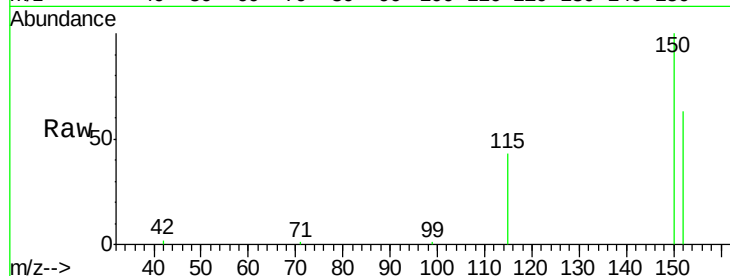
Tot Ion:152 Resp: 37416

Ion Ratio Lower Upper

152 100

150 159.7 122.2 183.4

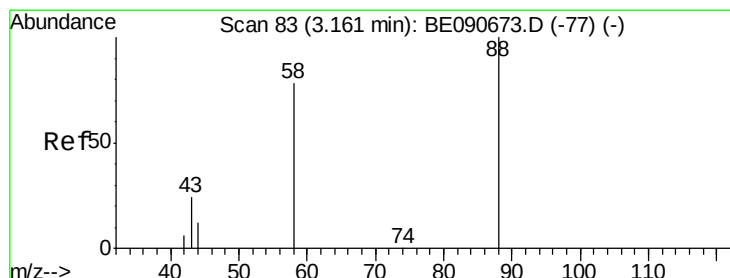
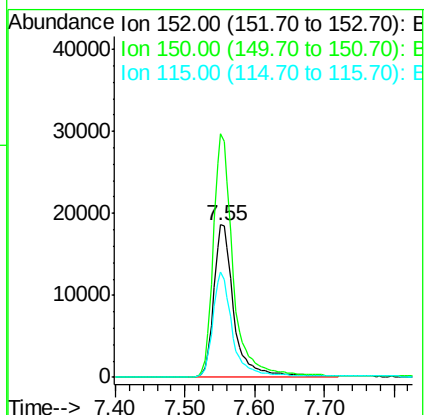
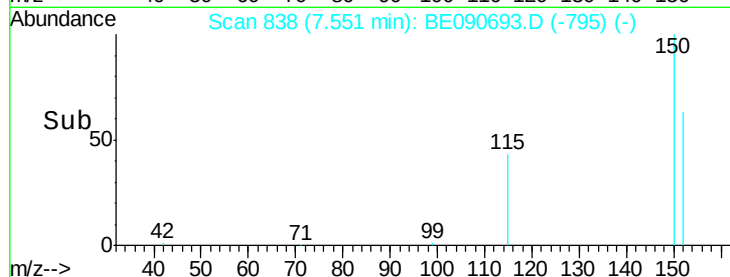
115 69.4 51.0 76.4



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: 3.26 min Scan# 98

Delta R.T. 0.10 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

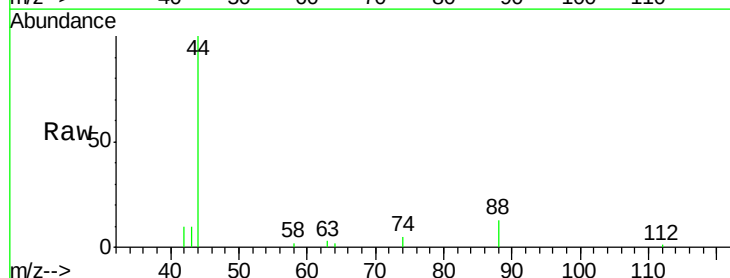
Tgt Ion: 88 Resp: 225

Ion Ratio Lower Upper

88 100

58 1.8 68.4 102.6#

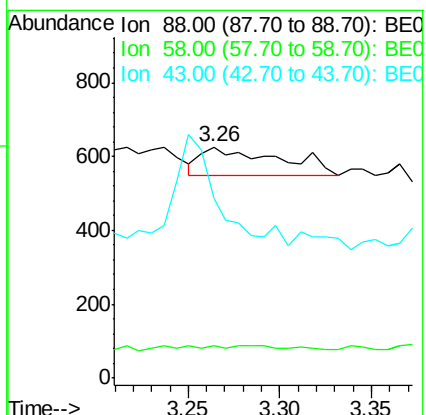
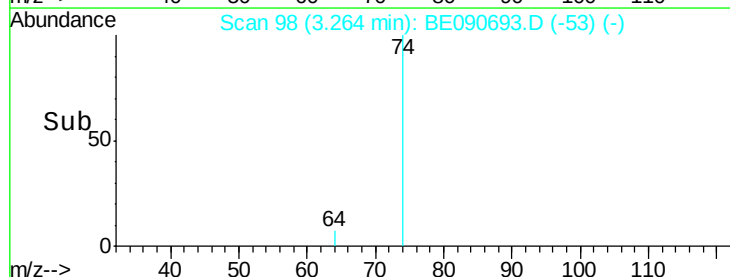
43 174.2 26.9 40.3#

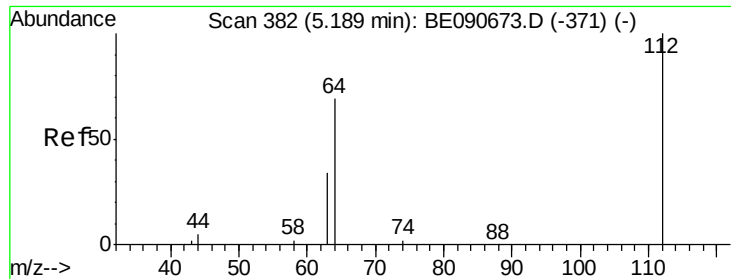


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.57 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

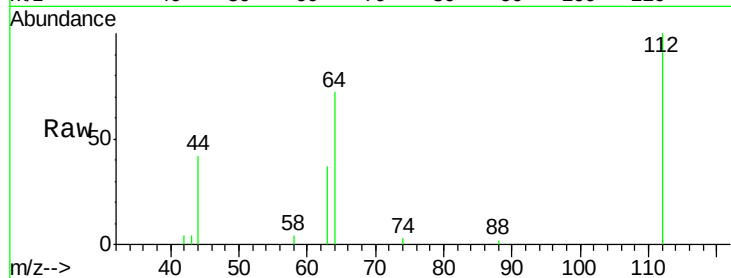
Tot Ion:112 Resp: 25946

Ion Ratio Lower Upper

112 100

64 71.2 57.3 85.9

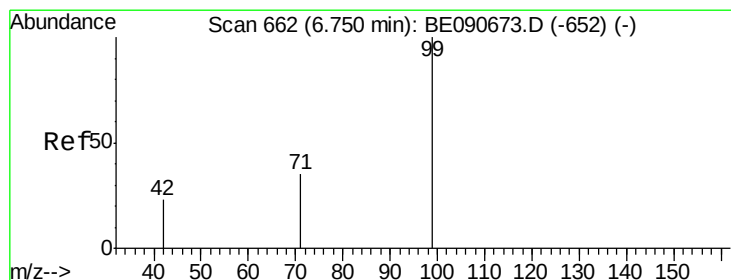
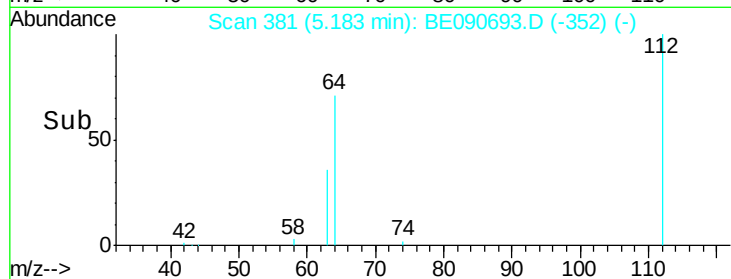
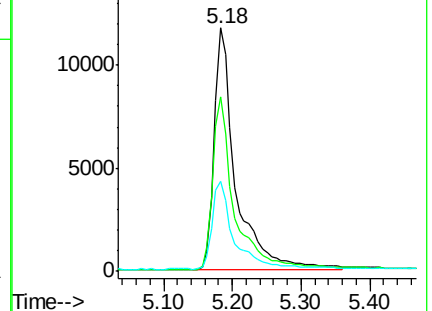
63 37.2 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE090673.D (-371) (-)

Ion 64.00 (63.70 to 64.70): BE090673.D (-371) (-)

Ion 63.00 (62.70 to 63.70): BE090673.D (-371) (-)



#5

Phenol-d6

Concen: 2.24 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

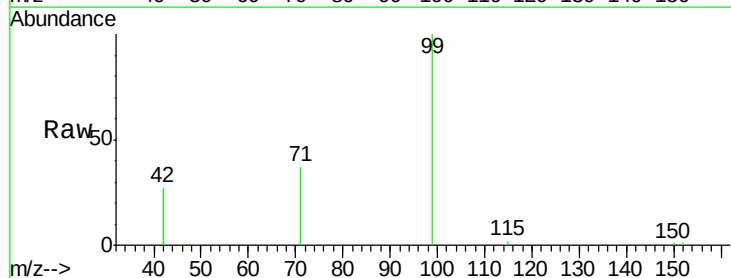
Tgt Ion: 99 Resp: 23353

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

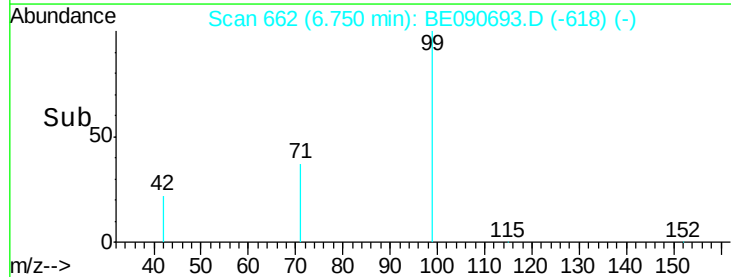
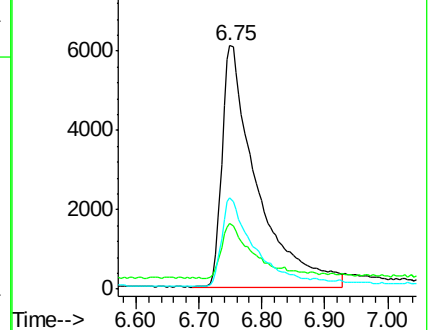
71 35.3 28.3 42.5

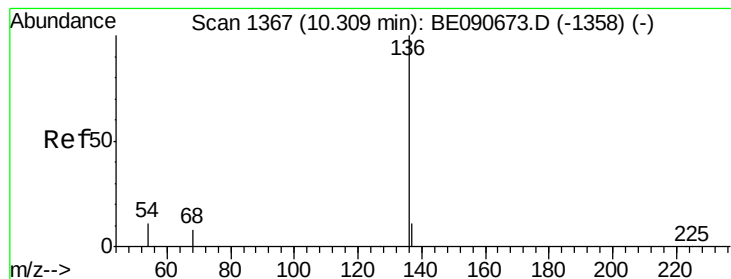


Abundance Ion 99.00 (98.70 to 99.70): BE090673.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BE090673.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BE090673.D (-652) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 168985

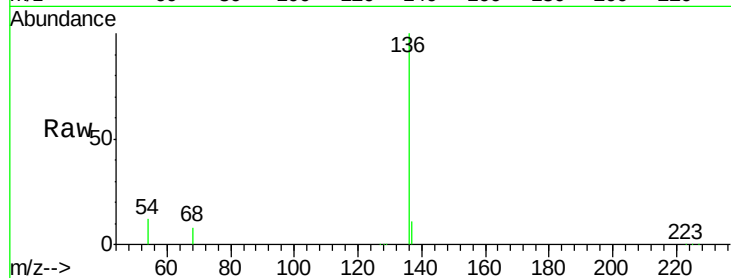
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 9.0 13.6

68 8.2 6.3 9.5

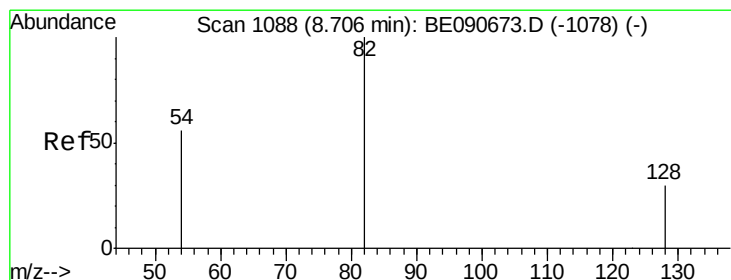
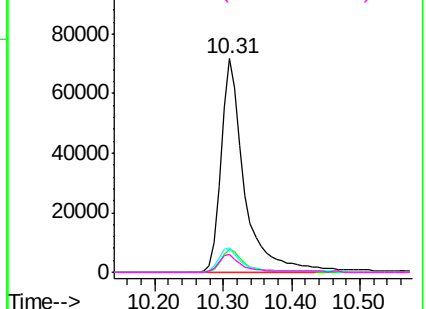
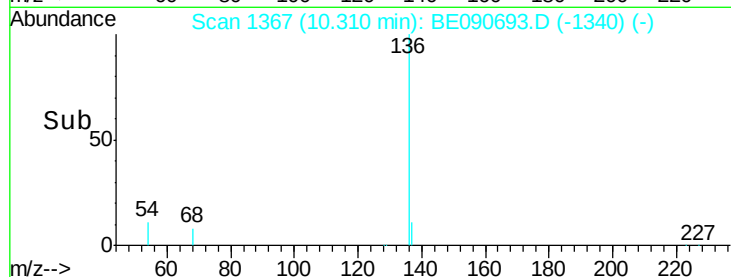


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 4.02 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

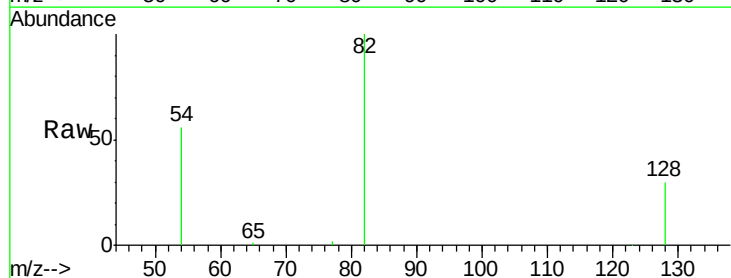
Tgt Ion: 82 Resp: 44889

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

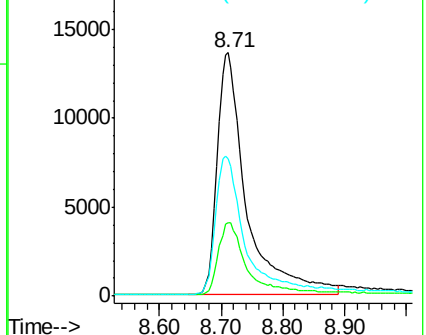
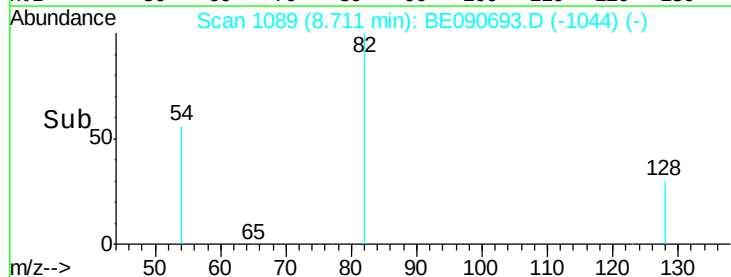
54 56.2 46.3 69.5

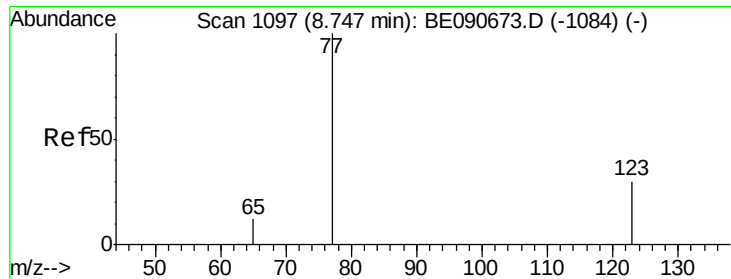


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

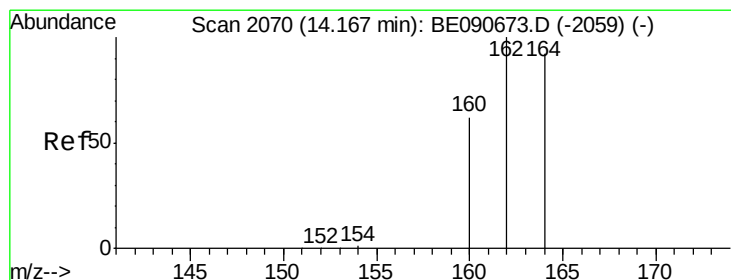
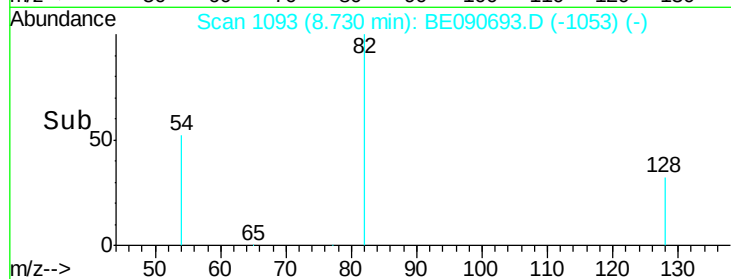
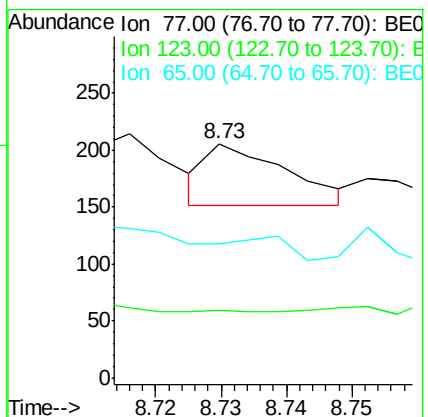
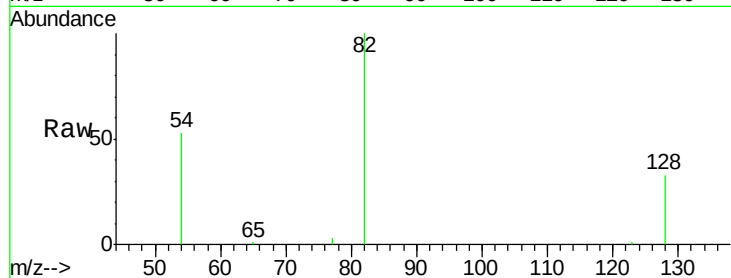




#8
 Nitrobenzene
 Concen: 0.11 ng
 RT: 8.73 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BE090693.D
 Acq: 2 Sep 2015 7:27

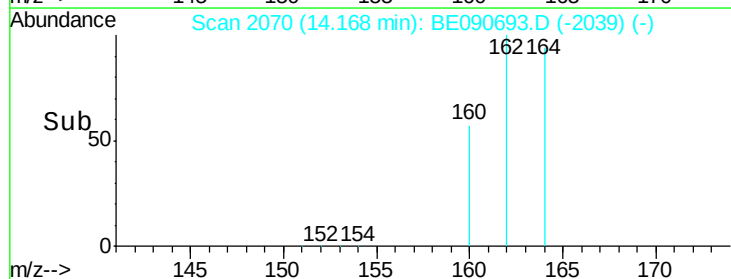
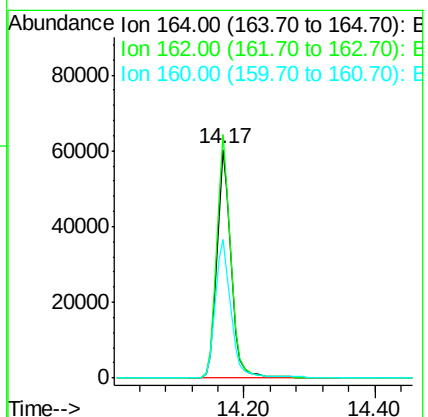
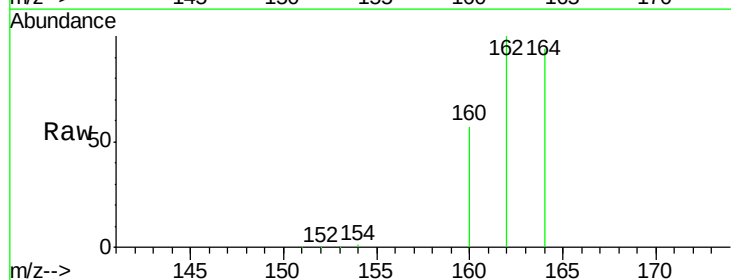
Instrument :
 BNA_E
 ClientSampleId :

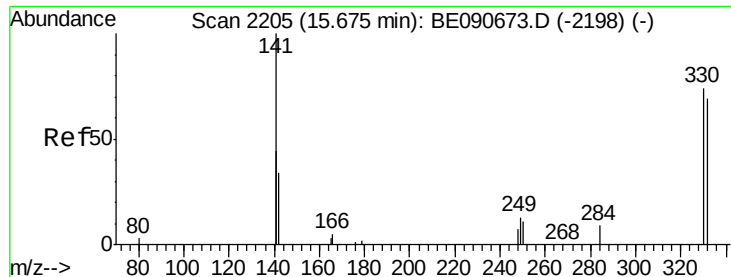
Tot Ion: 77 Resp: 46
 Ion Ratio Lower Upper
 77 100
 123 0.0 25.1 37.7#
 65 0.0 9.9 14.9#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.17 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BE090693.D
 Acq: 2 Sep 2015 7:27

Tgt Ion: 164 Resp: 90857
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.8 130.2
 160 60.6 53.9 80.9

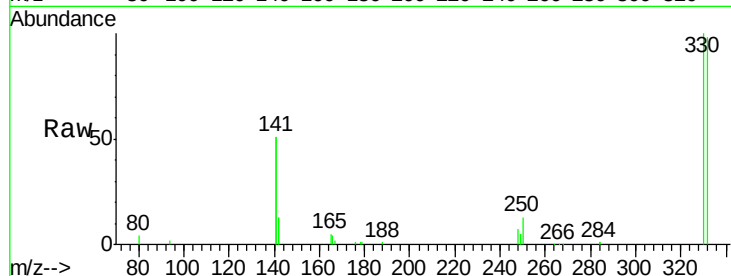




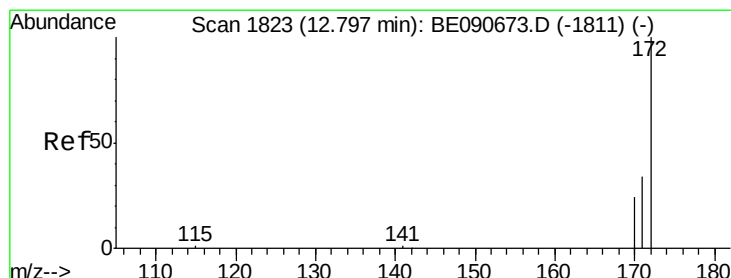
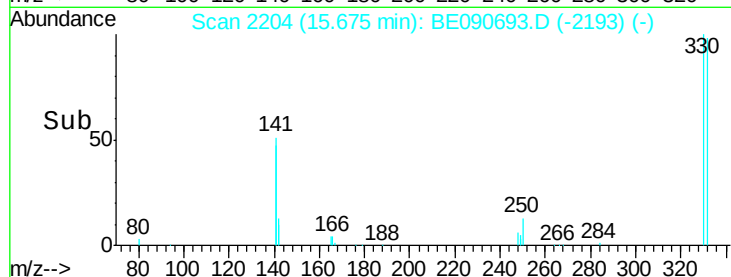
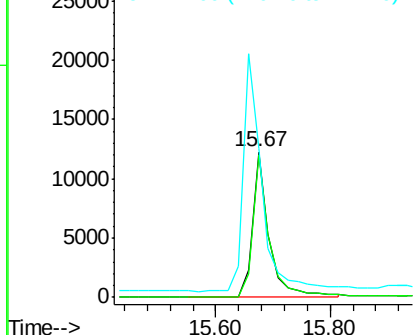
#13
 2,4,6-Tribromophenol
 Concen: 9.18 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090693.D
 Acq: 2 Sep 2015 7:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 24536
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.9 112.3
 141 183.7 145.2 217.8

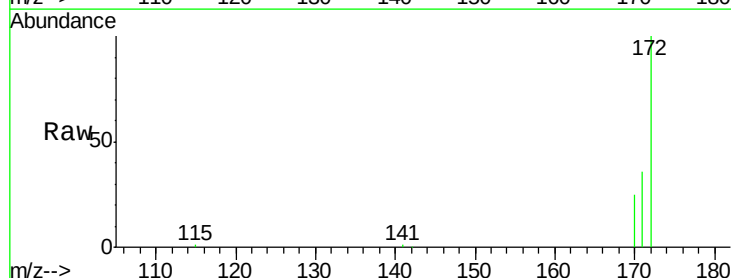


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

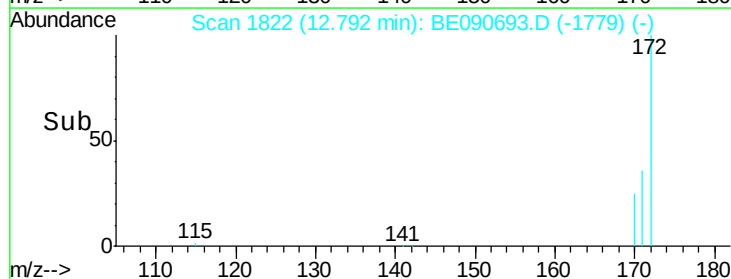
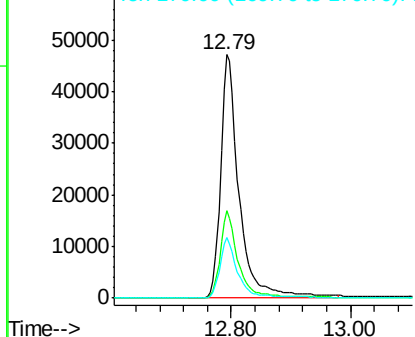


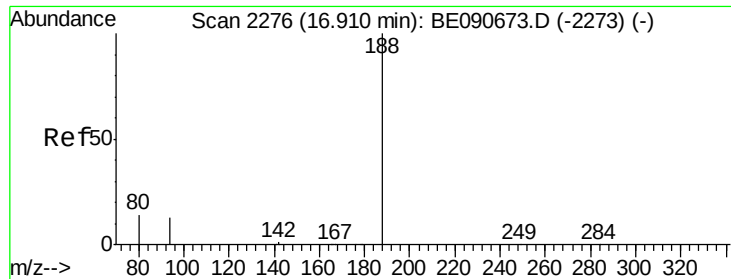
#14
 2-Fluorobiphenyl
 Concen: 4.04 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090693.D
 Acq: 2 Sep 2015 7:27

Tgt Ion:172 Resp: 101634
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.8 41.8
 170 24.9 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

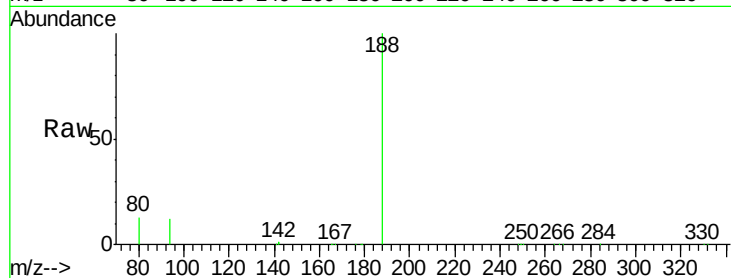




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090693.D
Acq: 2 Sep 2015 7:27

Instrument :
BNA_E
ClientSampleId :

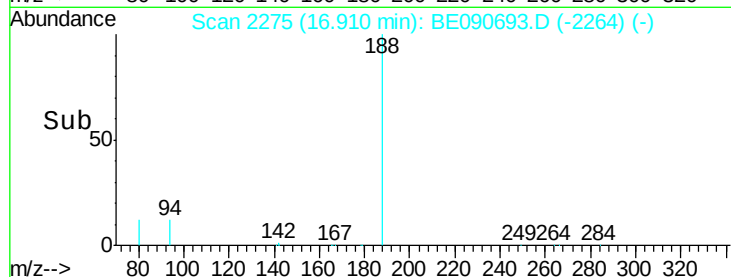
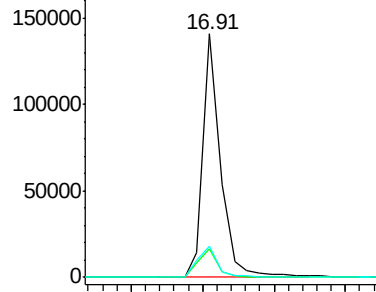
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.3	15.5
80	12.6	11.0	16.6



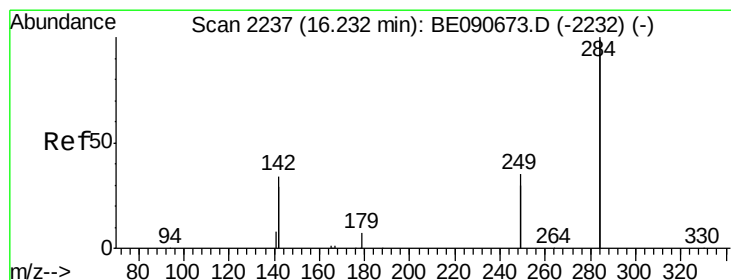
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

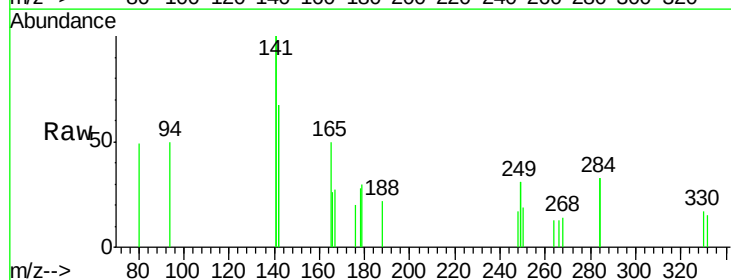


Time-->



#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090693.D
Acq: 2 Sep 2015 7:27

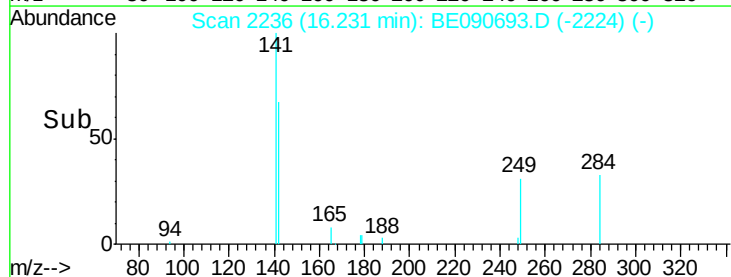
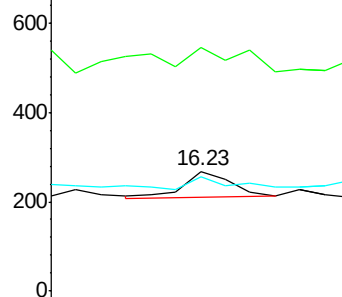
Tgt Ion	Ratio	Lower	Upper
284	100		
142	156.6	35.0	52.4#
249	53.7	25.5	38.3#



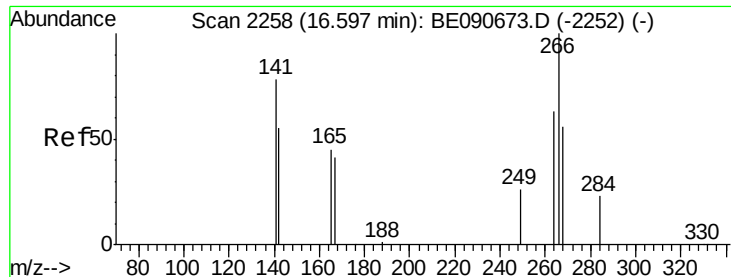
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#21

Pentachlorophenol

Concen: Below Cal

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampled :

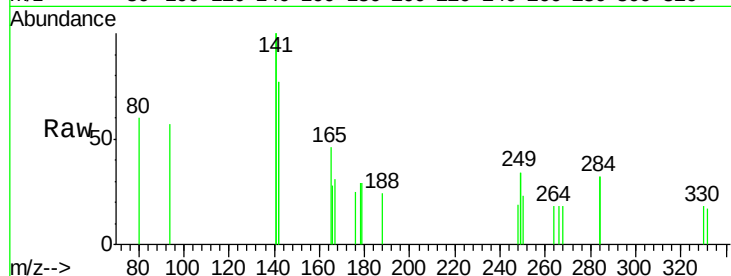
Tot Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 96.7 49.6 74.4#

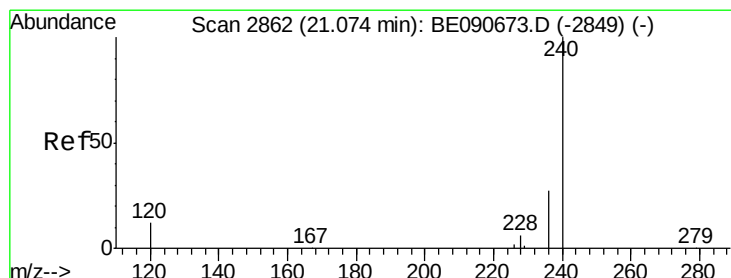
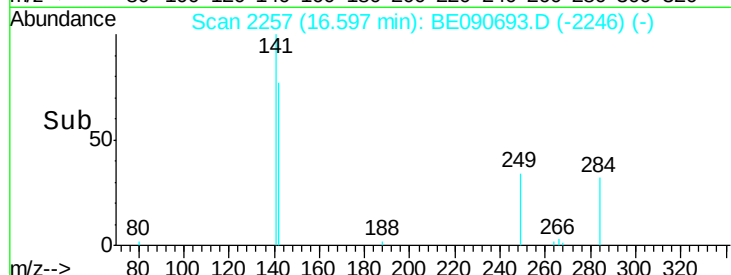
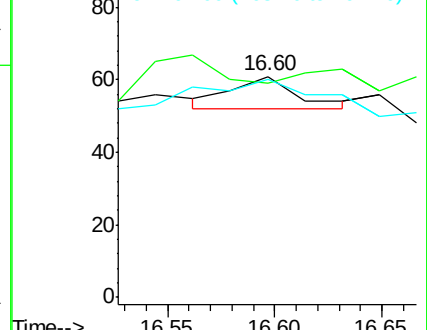
264 98.4 53.9 80.9#



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# 2860

Delta R.T. -0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

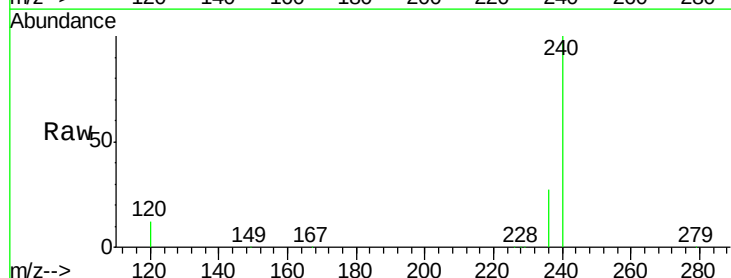
Tgt Ion:240 Resp: 312807

Ion Ratio Lower Upper

240 100

120 11.9 10.1 15.1

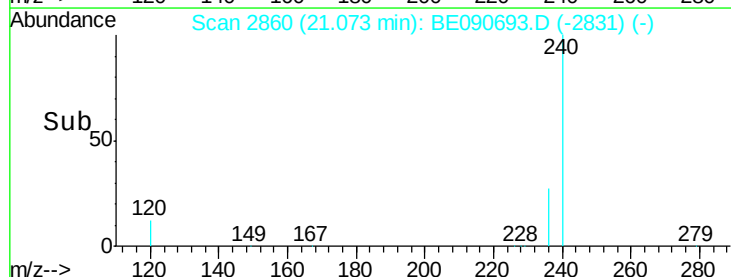
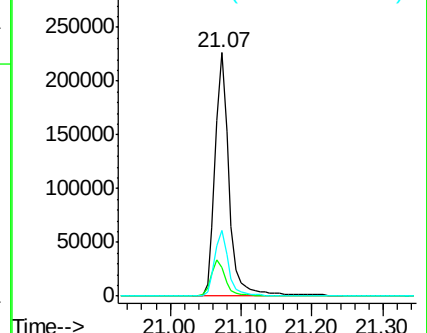
236 27.1 21.9 32.9

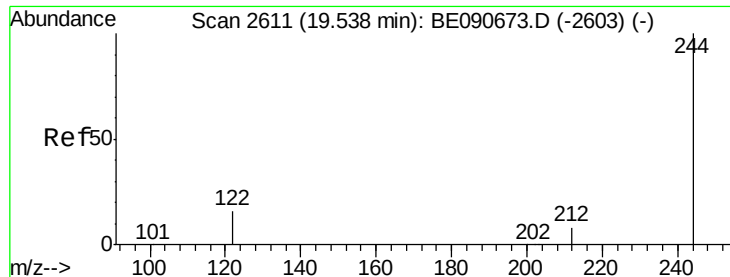


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 6.16 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

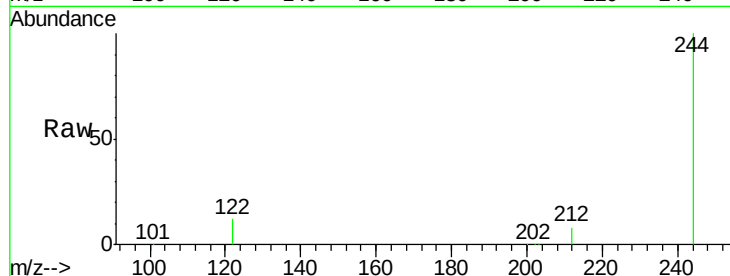
Tot Ion:244 Resp: 213299

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

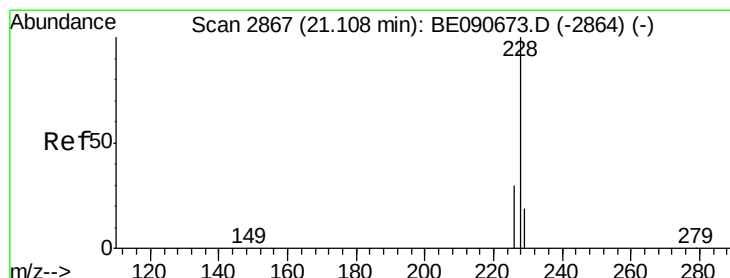
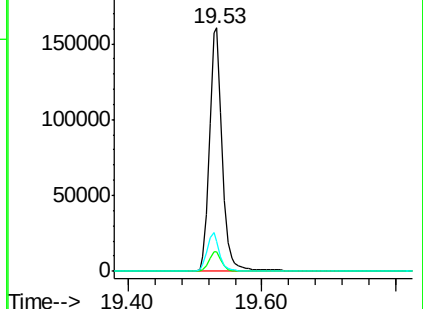
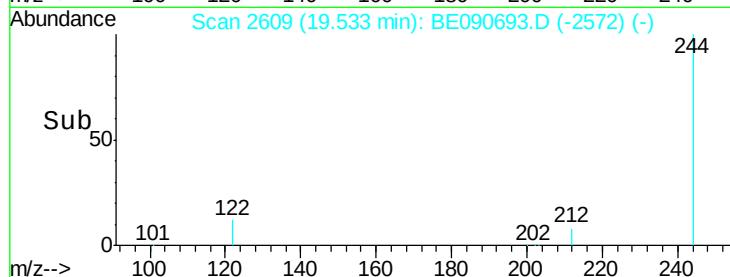
122 12.2 12.9 19.3#



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: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

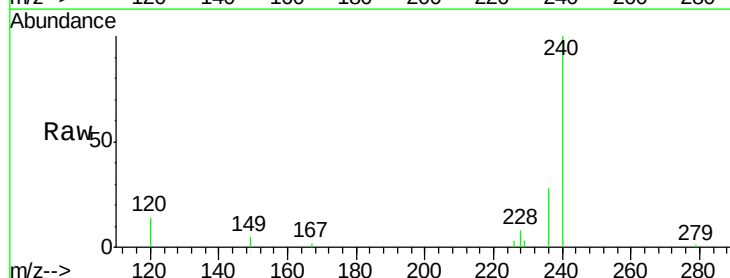
Tgt Ion:228 Resp: 932

Ion Ratio Lower Upper

228 100

226 35.1 24.2 36.4

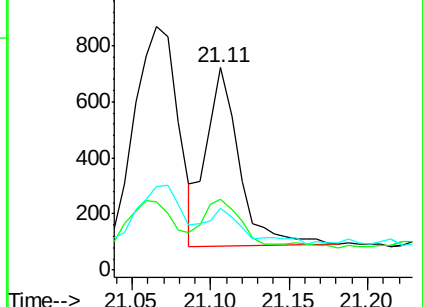
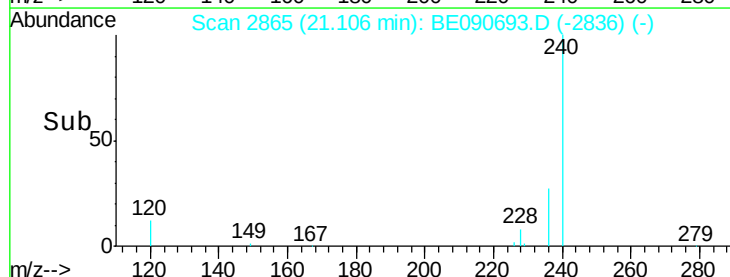
229 30.7 15.3 22.9#

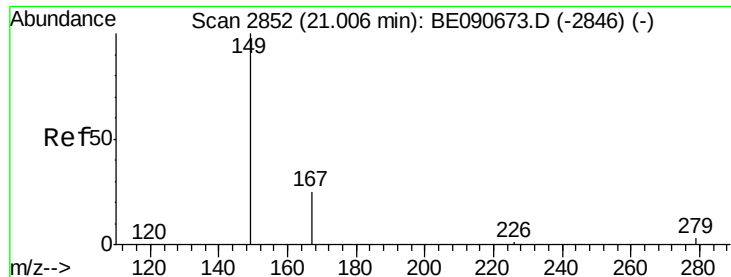


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

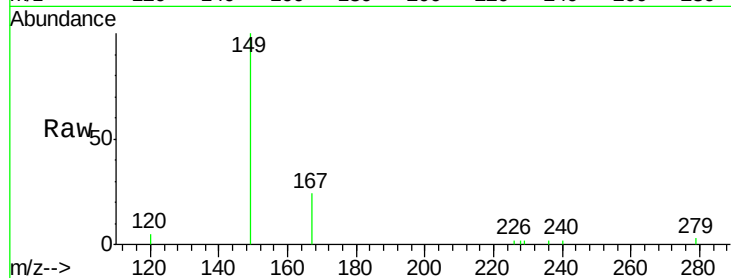
Tot Ion:149 Resp: 5231

Ion Ratio Lower Upper

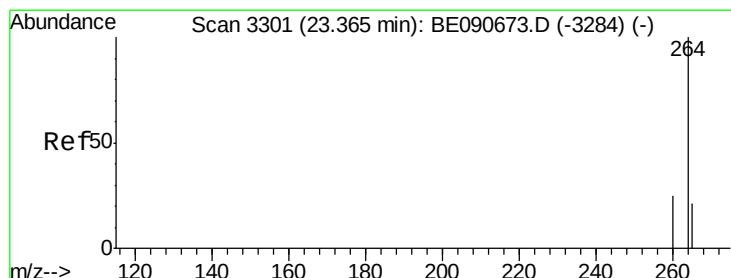
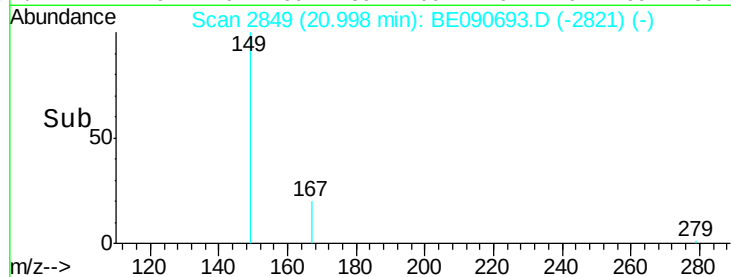
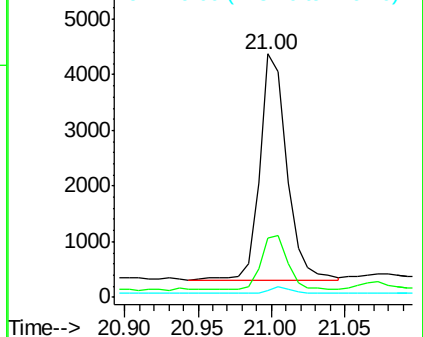
149 100

167 23.5 20.1 30.1

279 2.7 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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

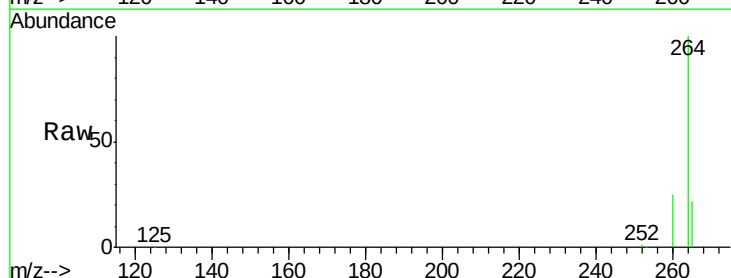
Tgt Ion:264 Resp: 294454

Ion Ratio Lower Upper

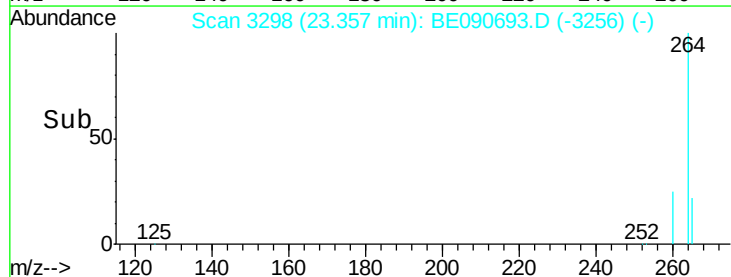
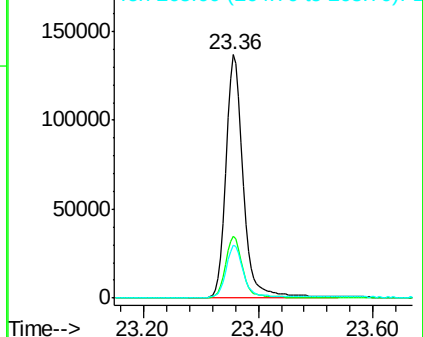
264 100

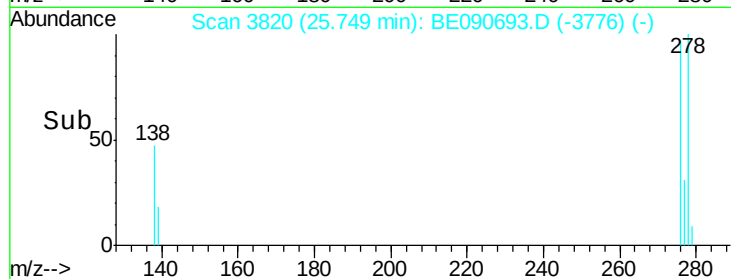
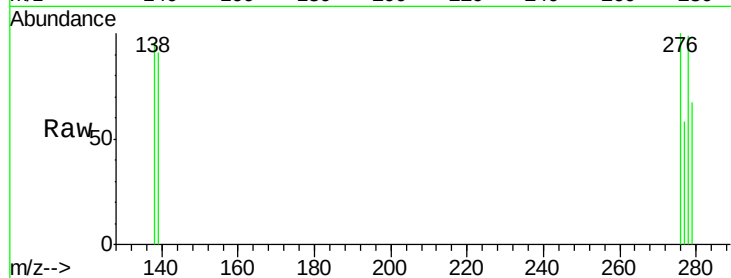
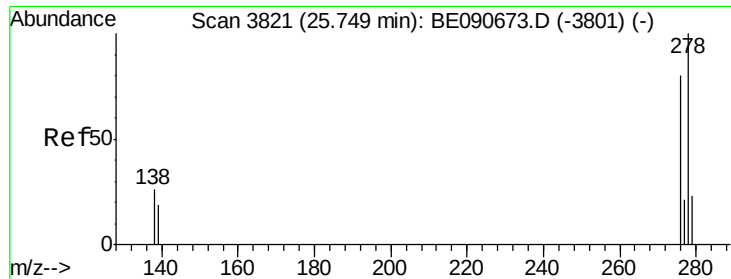
260 25.4 19.7 29.5

265 21.8 17.5 26.3



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





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.75 min Scan# 3820

Delta R.T. 0.00 min

Lab File: BE090693.D

Acq: 2 Sep 2015 7:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 278 Resp: 326

Ion Ratio Lower Upper

278 100

139 91.8 15.4 23.0#

279 67.7 18.8 28.2#

