

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090837.D
 Acq On : 15 Sep 2015 17:38
 Operator : UM/IZ
 Sample : G3659-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BFB

Quant Time: Sep 16 05:46:02 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	26163	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	110749	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	58530	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	164893	5.00	ng	0.00
25) Chrysene-d12	21.07	240	219472	5.00	ng	0.00
32) Perylene-d12	23.35	264	201680	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	13093	2.58	ng	0.00
5) Phenol-d6	6.75	99	10538	1.45	ng	0.00
7) Nitrobenzene-d5	8.72	82	23257	3.18	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	9806	5.75	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	55327	3.41	ng	0.00
27) Terphenyl-d14	19.53	244	120122	4.95	ng	-0.01

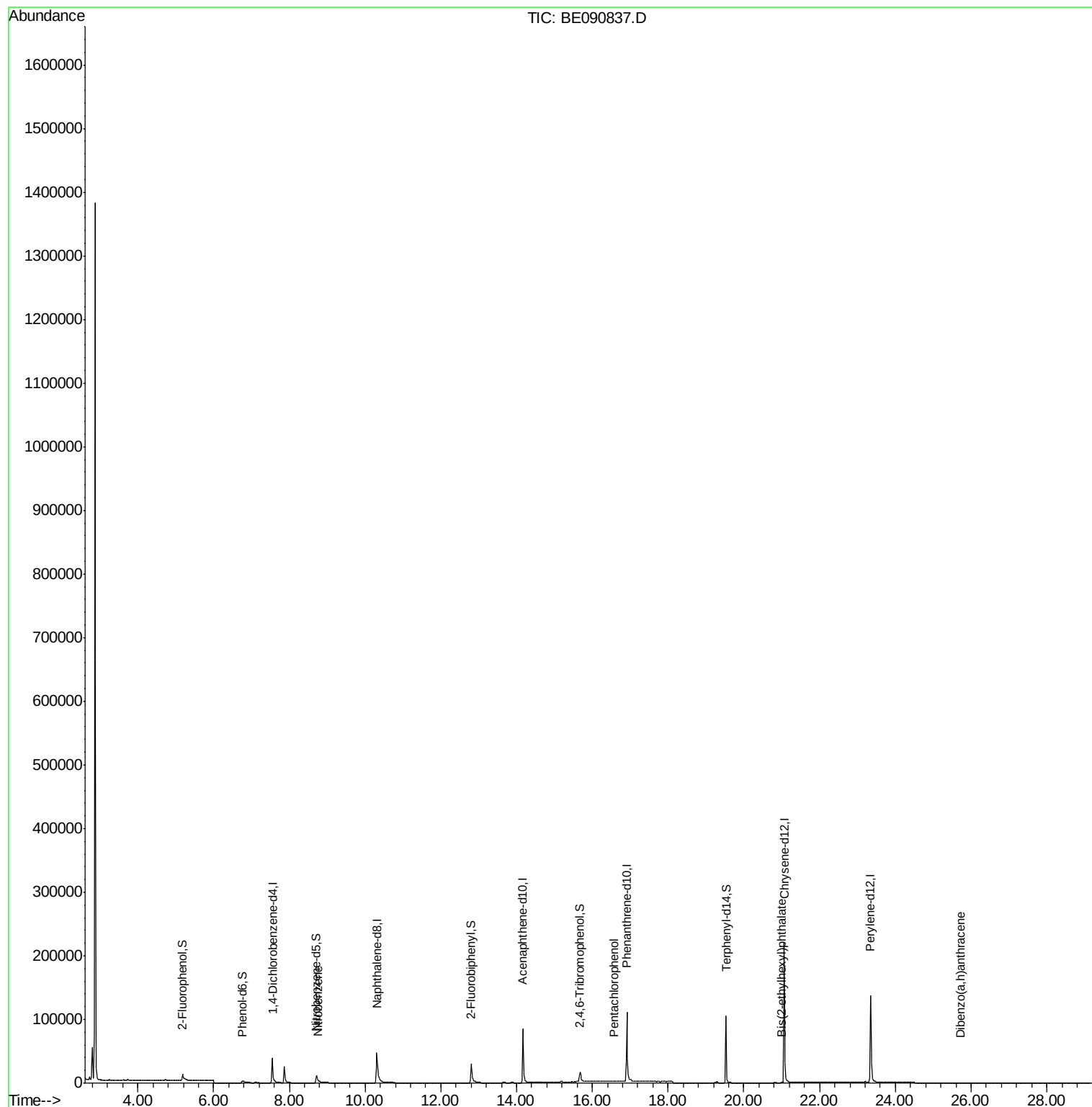
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	77	Below Cal	#	46
3) n-Nitrosodimethylamine	3.44	42	22	Below Cal	#	1
8) Nitrobenzene	8.77	77	17	0.11 ng	#	1
20) Hexachlorobenzene	16.25	284	44	Below Cal	#	62
21) Pentachlorophenol	16.58	266	42	0.48 ng	#	73
29) Chrysene	21.07	228	1021	Below Cal	#	73
30) Bis(2-ethylhexyl)phthalate	21.00	149	1133	0.15 ng	#	99
36) Dibenzo(a,h)anthracene	25.73	278	21	0.14 ng	#	1

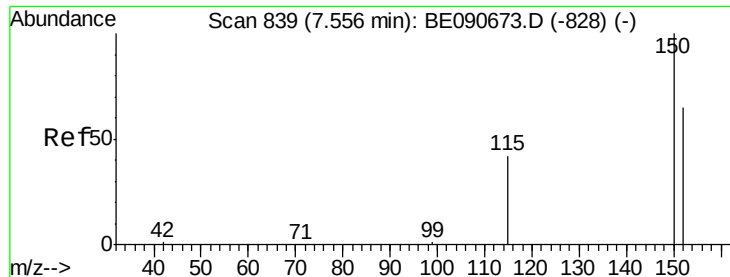
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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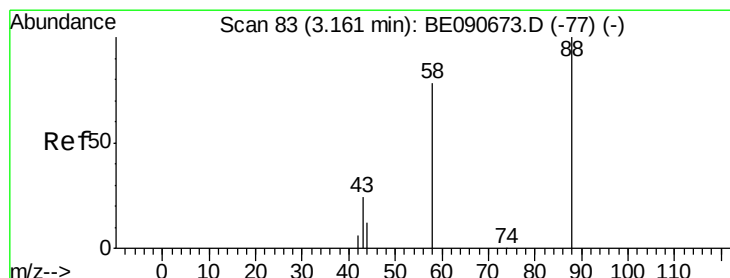
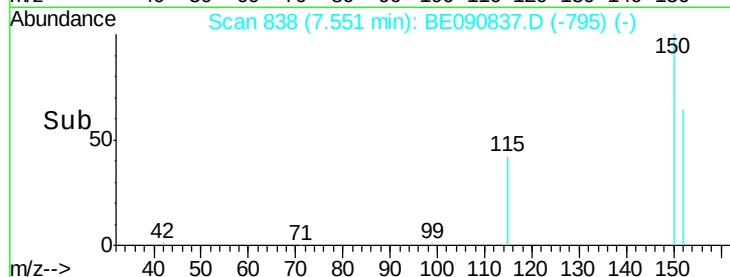
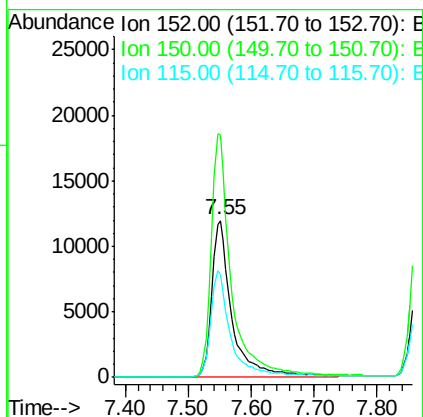
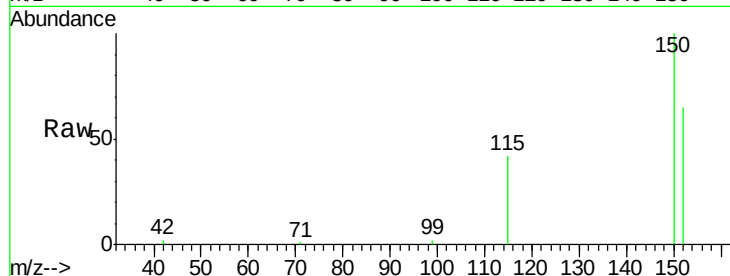




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

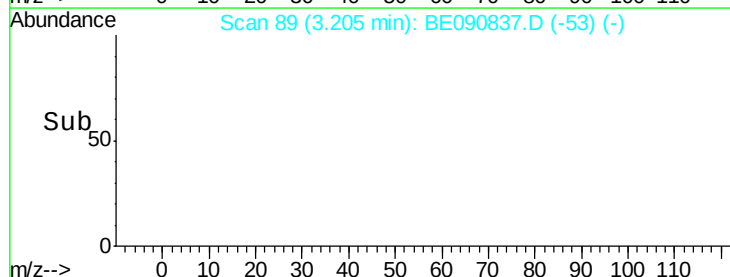
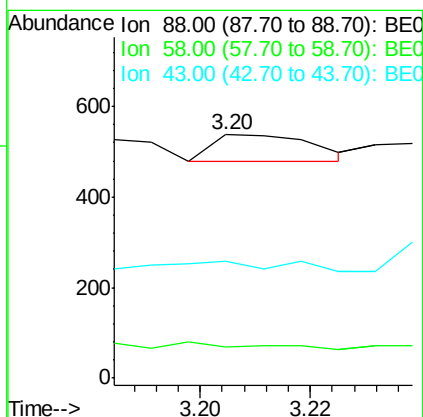
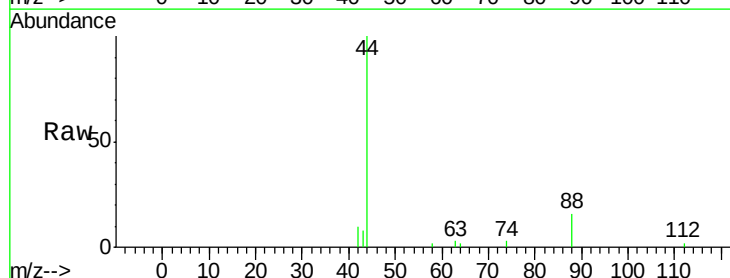
Instrument :
 BNA_E
 ClientSampled :
 BFB

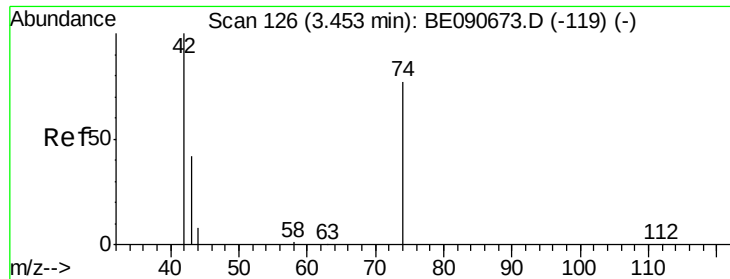
Tgt Ion: 152 Resp: 26163
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.2 183.4
 115 65.8 51.0 76.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.20 min Scan# 89
 Delta R.T. 0.04 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Tgt Ion: 88 Resp: 77
 Ion Ratio Lower Upper
 88 100
 58 18.2 68.4 102.6#
 43 36.4 26.9 40.3



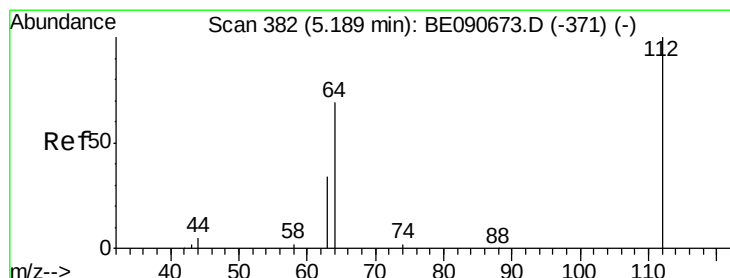
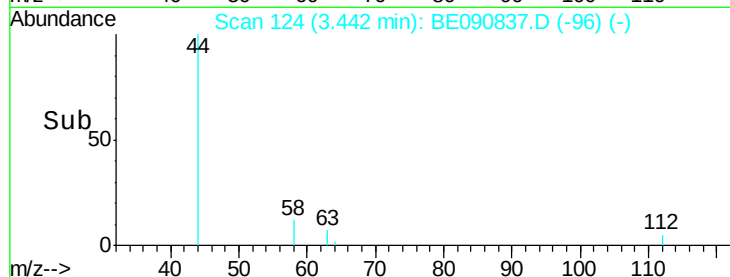
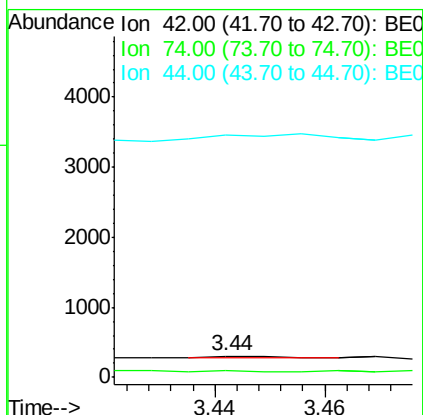
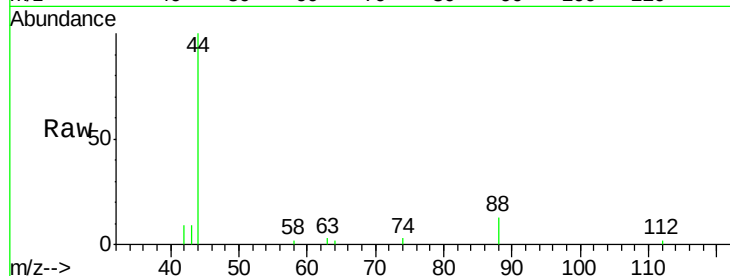


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Instrument :
 BNA_E
 ClientSampleId :
 BFB

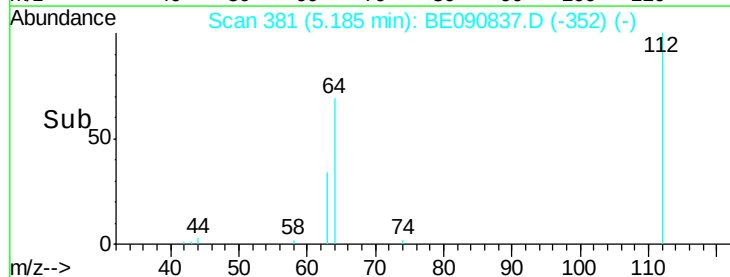
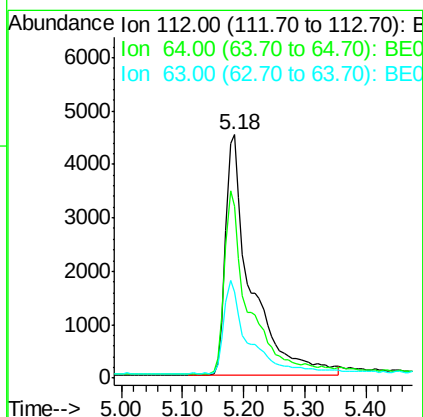
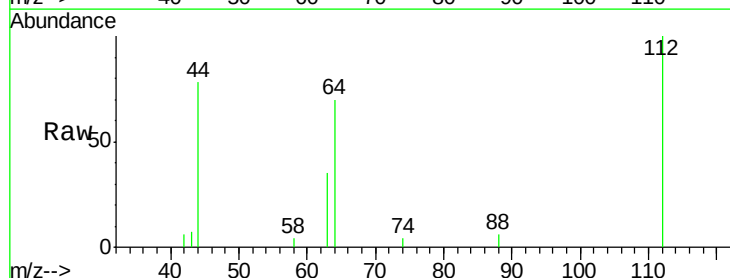
Tgt Ion: 42 Resp: 22
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 727.3 10.0 15.0#

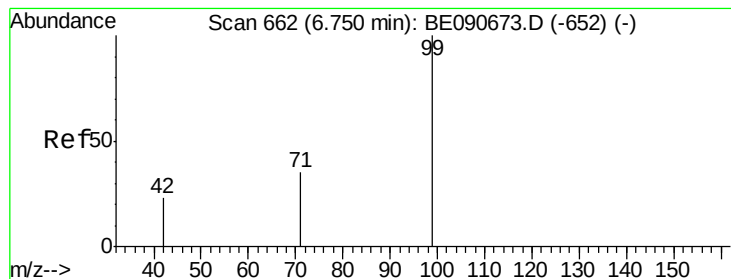


#4

2-Fluorophenol
 Concen: 2.58 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Tgt Ion: 112 Resp: 13093
 Ion Ratio Lower Upper
 112 100
 64 72.1 57.3 85.9
 63 37.3 29.2 43.8





#5

Phenol-d6

Concen: 1.45 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

Instrument :

BNA_E

ClientSampleId :

BFB

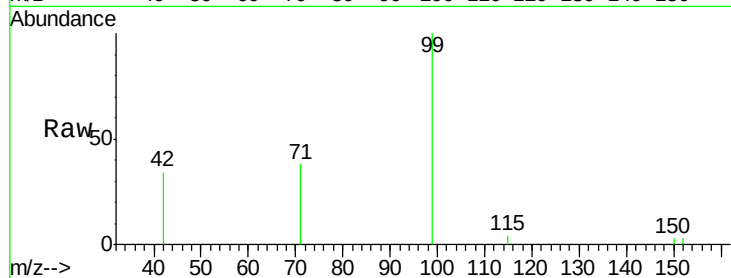
Tgt Ion: 99 Resp: 10538

Ion Ratio Lower Upper

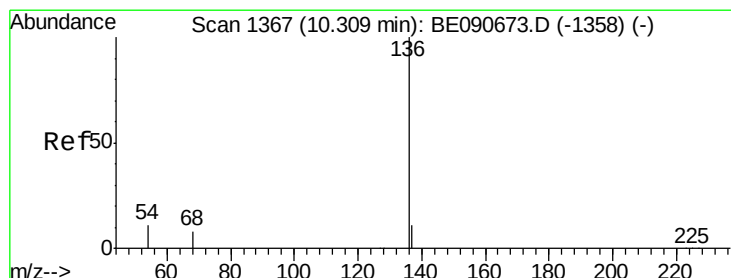
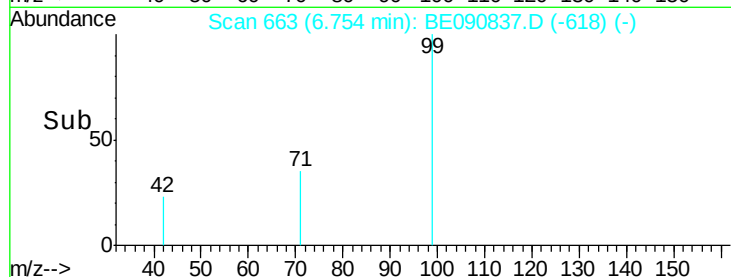
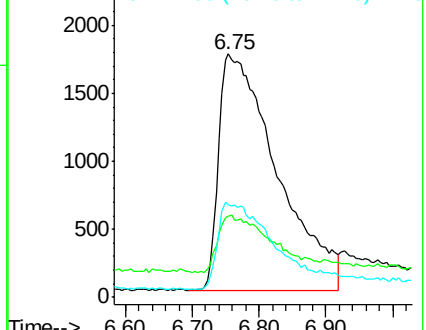
99 100

42 22.7 16.8 25.2

71 37.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

Tgt Ion: 136 Resp: 110749

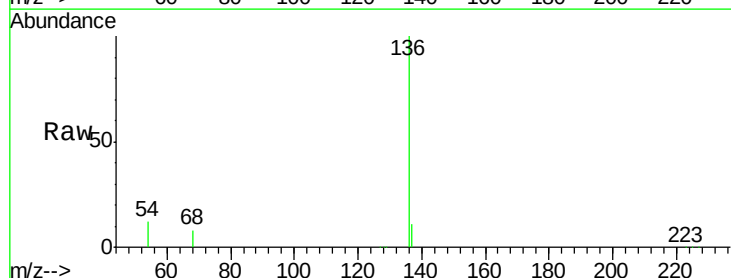
Ion Ratio Lower Upper

136 100

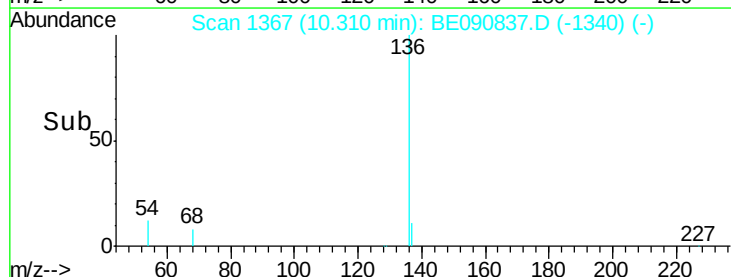
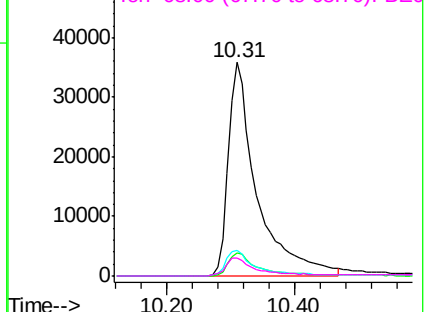
137 11.1 8.7 13.1

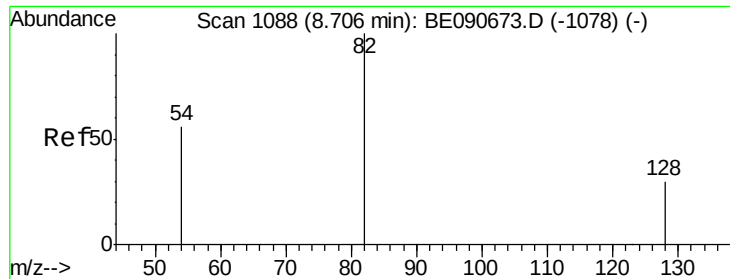
54 12.0 9.0 13.6

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

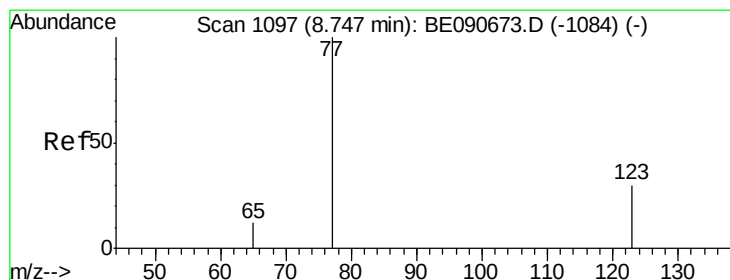
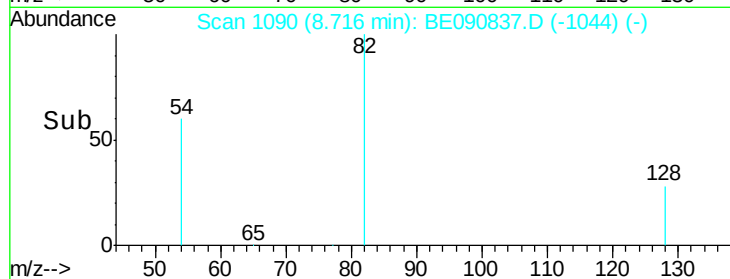
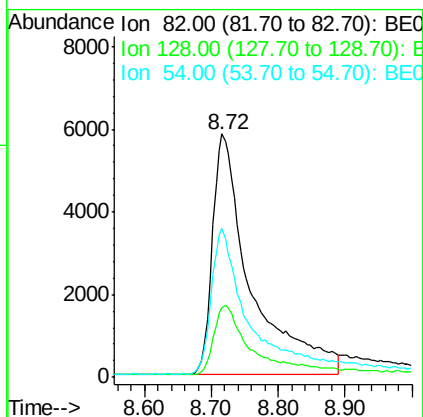
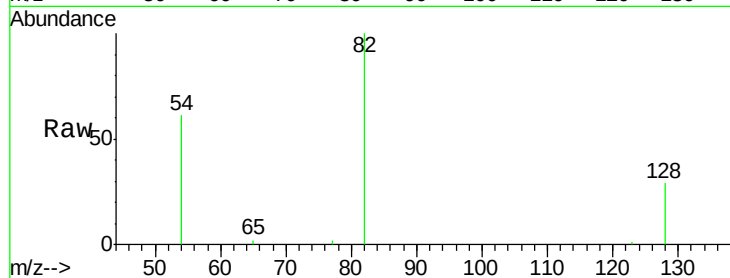




#7
 Nitrobenzene-d5
 Concen: 3.18 ng
 RT: 8.72 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

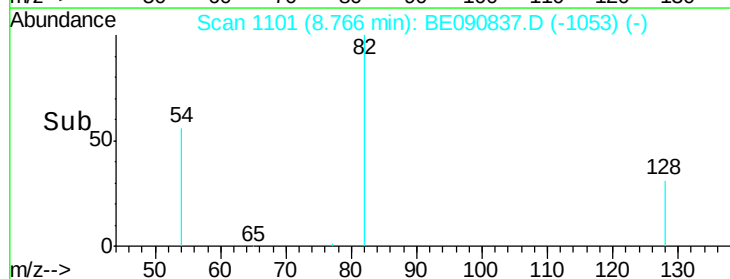
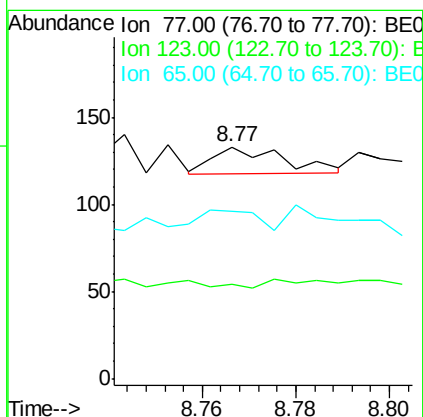
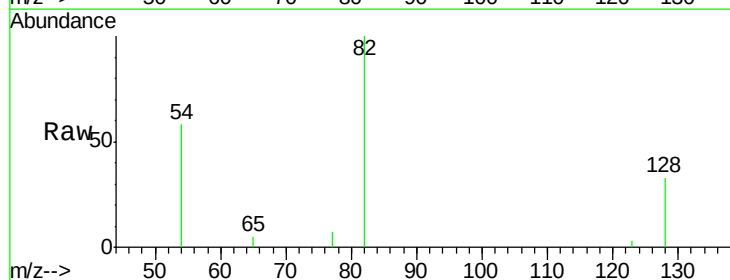
Instrument :
 BNA_E
 ClientSampleId :
 BFB

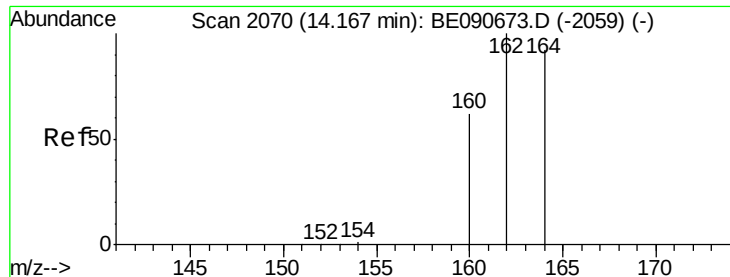
Tgt Ion: 82 Resp: 23257
 Ion Ratio Lower Upper
 82 100
 128 28.6 25.0 37.4
 54 60.9 46.3 69.5



#8
 Nitrobenzene
 Concen: 0.11 ng
 RT: 8.77 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Tgt Ion: 77 Resp: 17
 Ion Ratio Lower Upper
 77 100
 123 0.0 25.1 37.7#
 65 105.9 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: BE090837.D

Acq: 15 Sep 2015 17:38

Instrument :

BNA_E

ClientSampleId :

BFB

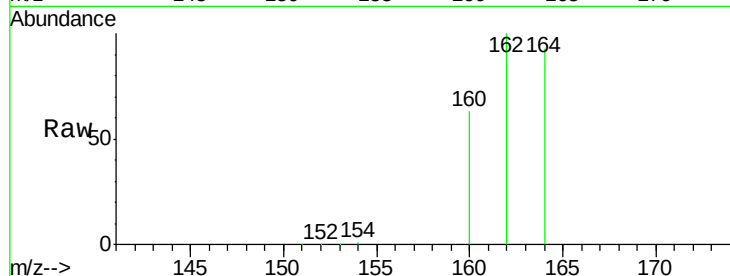
Tgt Ion:164 Resp: 58530

Ion Ratio Lower Upper

164 100

162 107.5 86.8 130.2

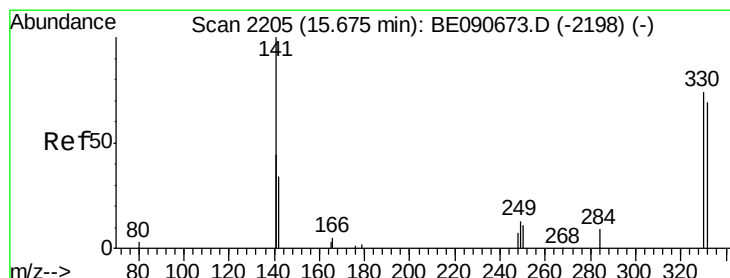
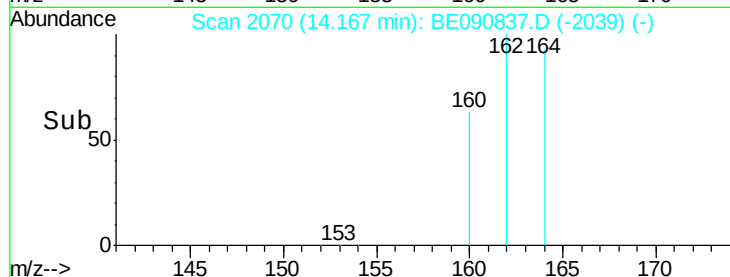
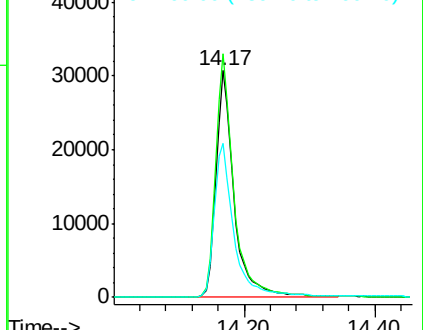
160 67.8 53.9 80.9



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: 5.75 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

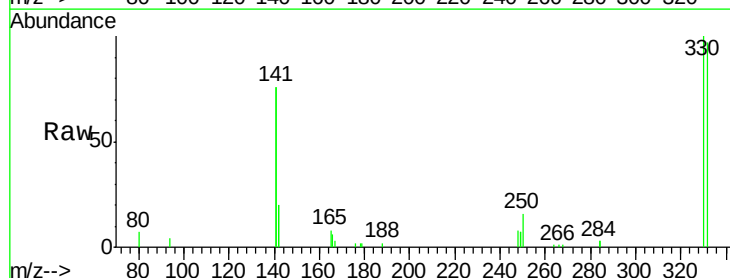
Tgt Ion:330 Resp: 9806

Ion Ratio Lower Upper

330 100

332 97.5 74.9 112.3

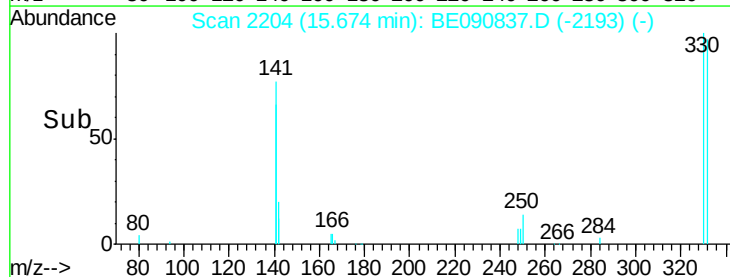
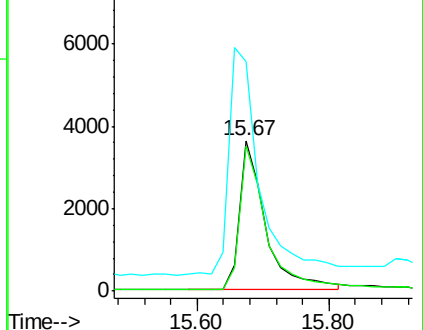
141 182.8 145.2 217.8

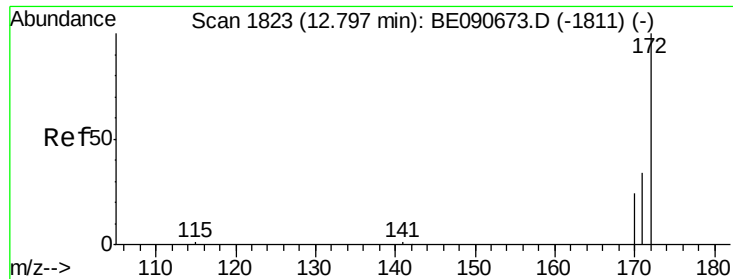


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

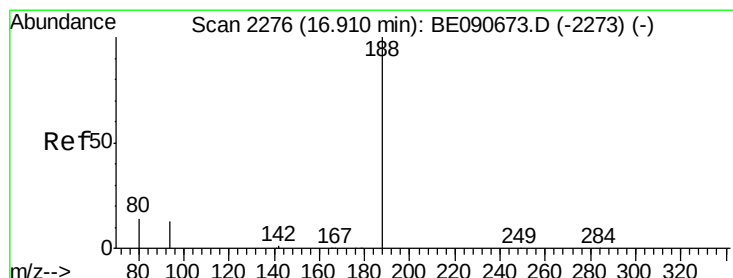
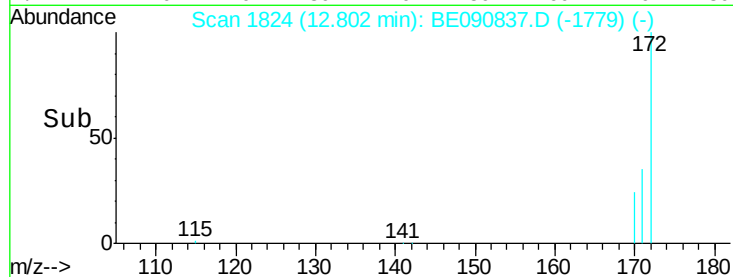
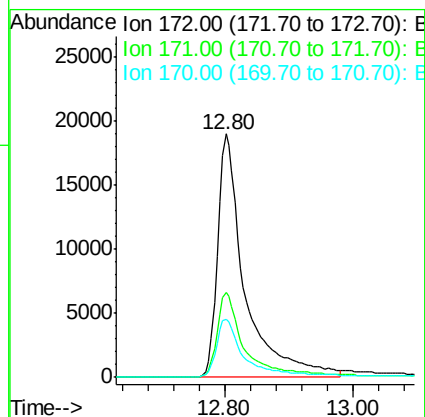
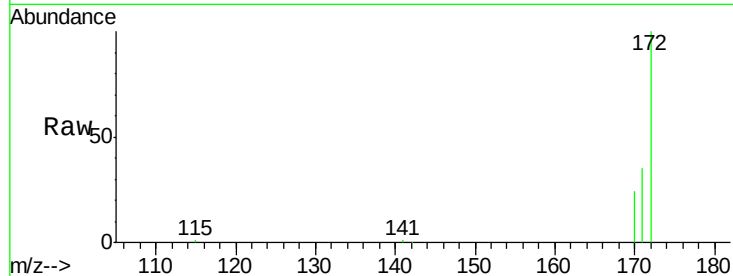




#14
2-Fluorobiphenyl
Concen: 3.41 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090837.D
Acq: 15 Sep 2015 17:38

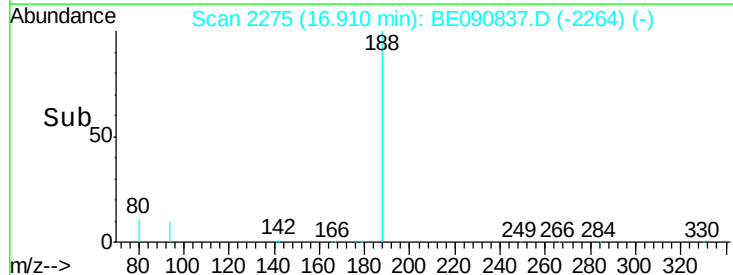
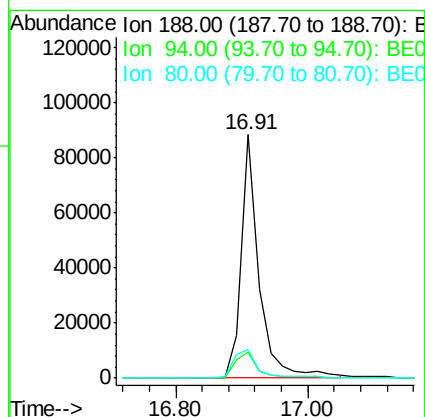
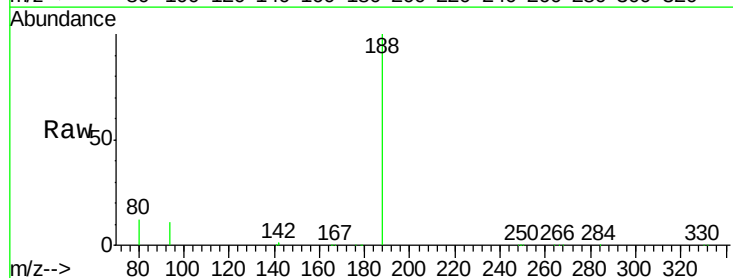
Instrument :
BNA_E
ClientSampleId :
BFB

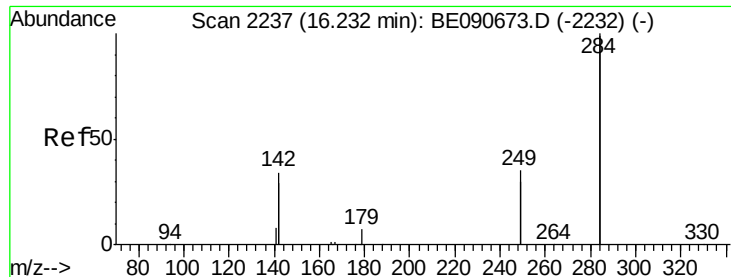
Tgt Ion:172 Resp: 55327
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090837.D
Acq: 15 Sep 2015 17:38

Tgt Ion:188 Resp: 164893
Ion Ratio Lower Upper
188 100
94 10.5 10.3 15.5
80 11.6 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

Instrument :

BNA_E

ClientSampled :

BFB

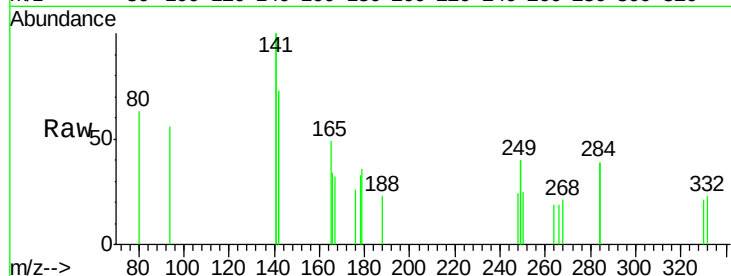
Tgt Ion:284 Resp: 44

Ion Ratio Lower Upper

284 100

142 59.1 35.0 52.4#

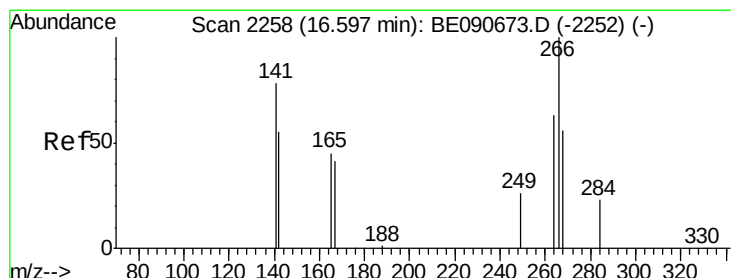
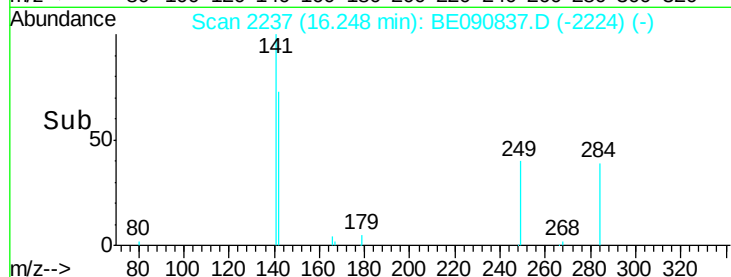
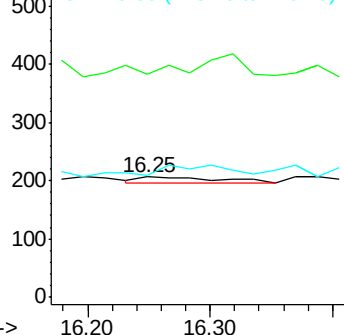
249 0.0 25.5 38.3#



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: 0.48 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

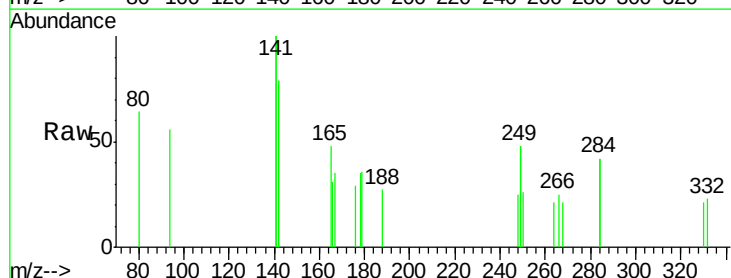
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

268 86.7 49.6 74.4#

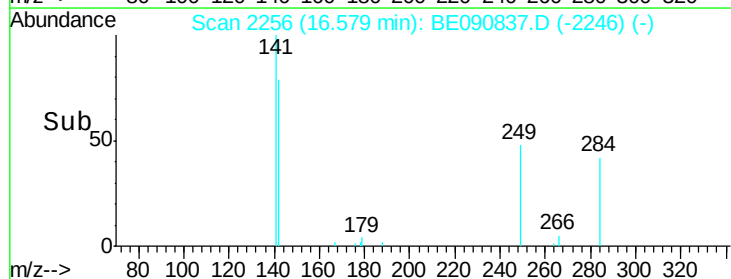
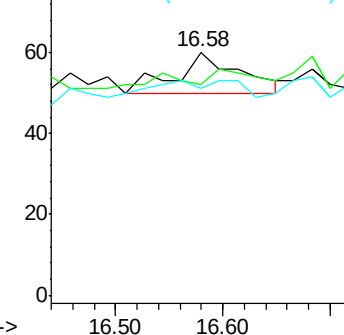
264 85.0 53.9 80.9#

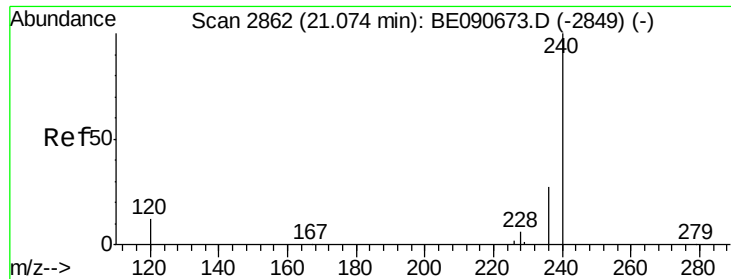


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090837.D

Acq: 15 Sep 2015 17:38

Instrument :

BNA_E

ClientSampleId :

BFB

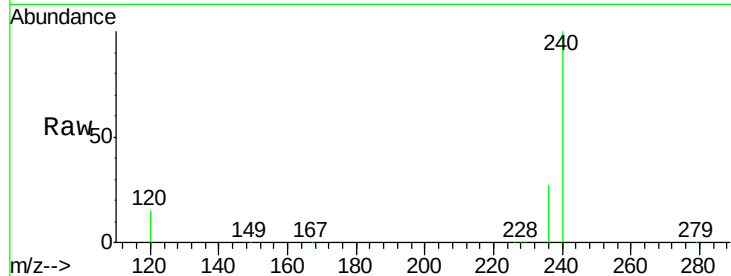
Tgt Ion:240 Resp: 219472

Ion Ratio Lower Upper

240 100

120 14.8 10.1 15.1

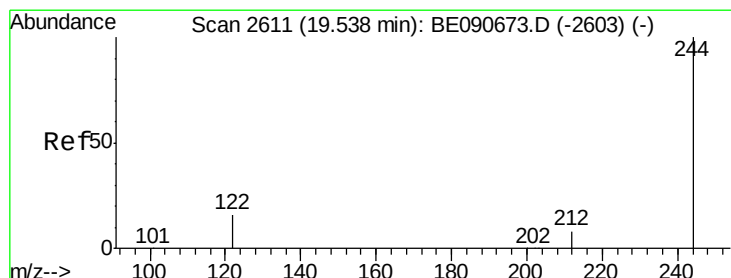
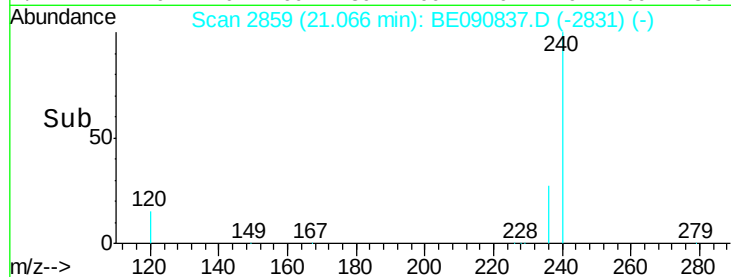
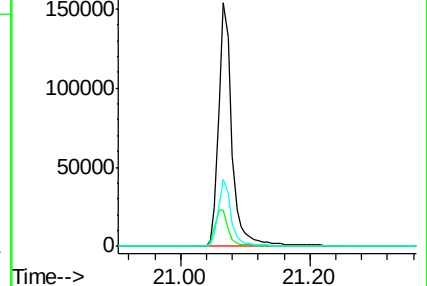
236 27.3 21.9 32.9



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: 4.95 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

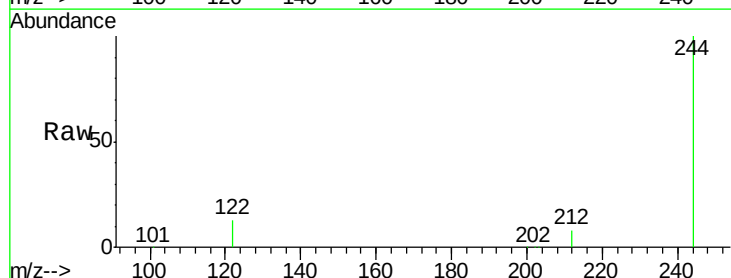
Tgt Ion:244 Resp: 120122

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

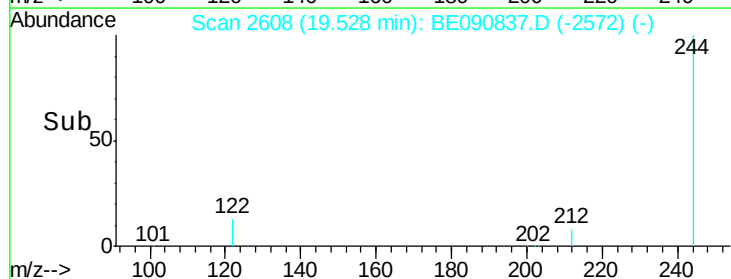
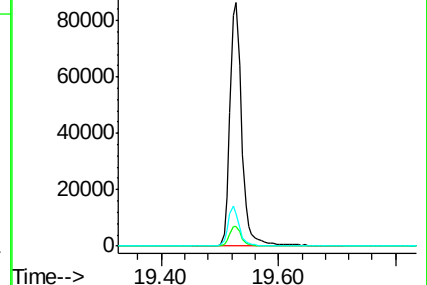
122 13.3 12.9 19.3

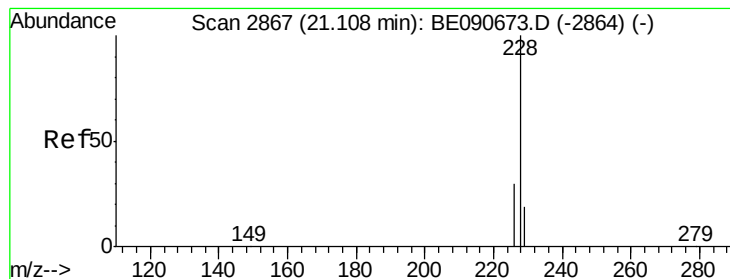


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

Instrument :

BNA_E

ClientSampleId :

BFB

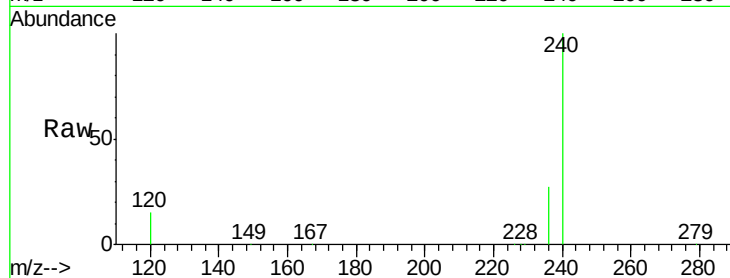
Tgt Ion:228 Resp: 1021

Ion Ratio Lower Upper

228 100

226 22.5 24.2 36.4#

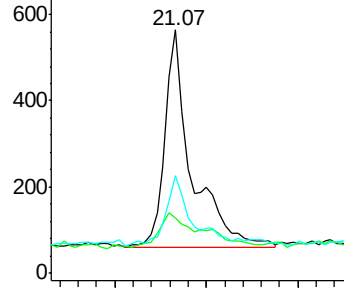
229 39.9 15.3 22.9#



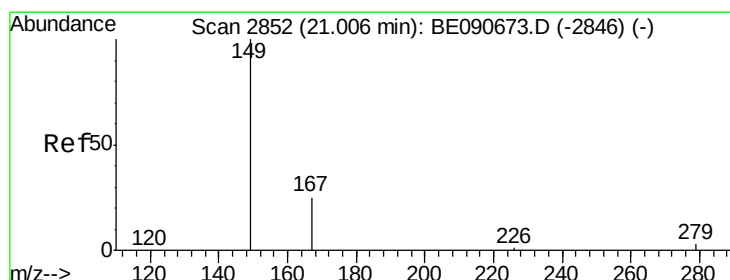
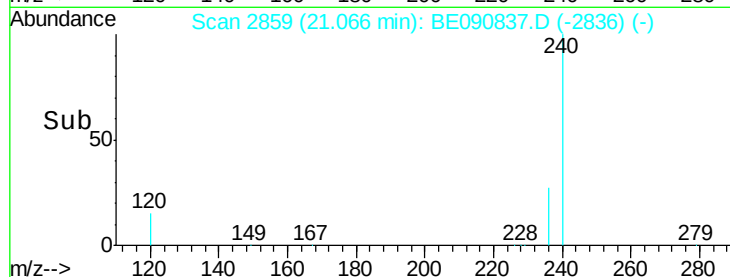
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090837.D

Acq: 15 Sep 2015 17:38

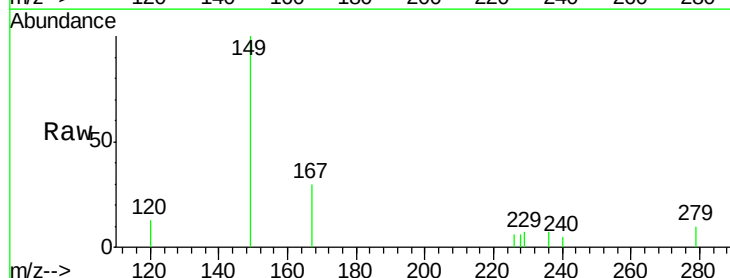
Tgt Ion:149 Resp: 1133

Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

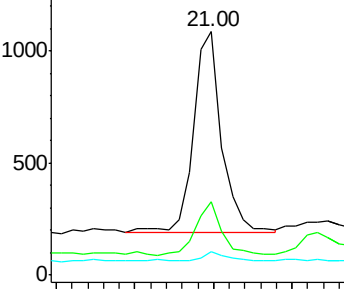
279 4.1 2.3 3.5#



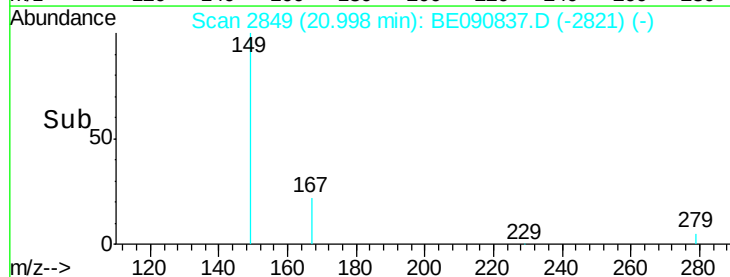
Abundance Ion 149.00 (148.70 to 149.70): E

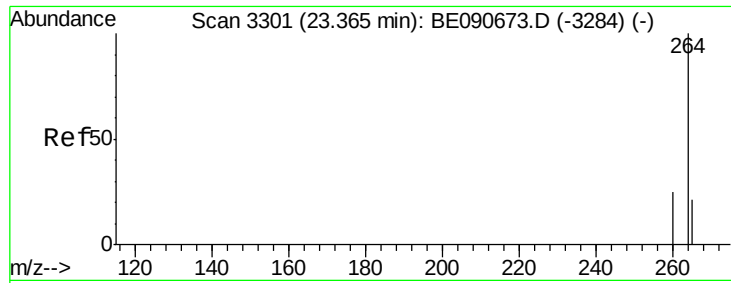
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

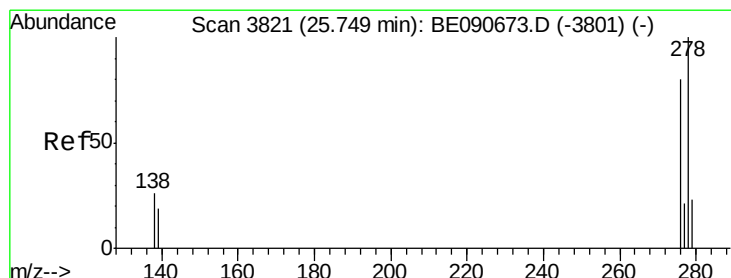
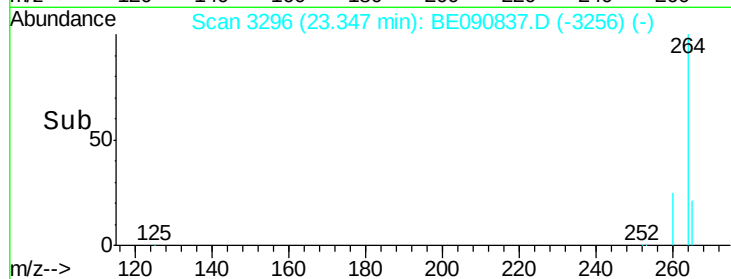
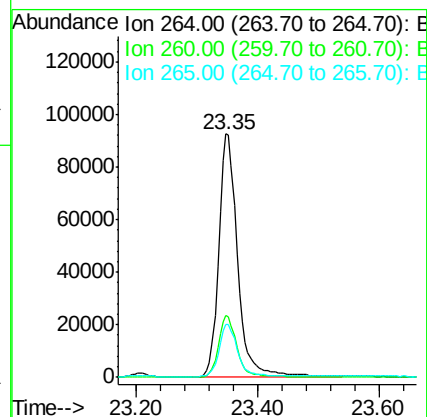
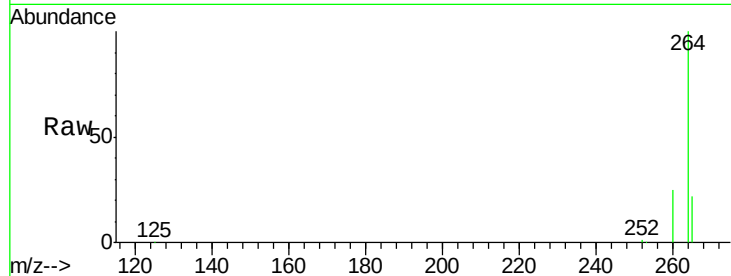




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3296
 Delta R.T. -0.02 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Instrument :
 BNA_E
 ClientSampleId :
 BFB

Tgt Ion: 264 Resp: 201680
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.7 29.5
 265 21.7 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.73 min Scan# 3816
 Delta R.T. -0.02 min
 Lab File: BE090837.D
 Acq: 15 Sep 2015 17:38

Tgt Ion: 278 Resp: 21
 Ion Ratio Lower Upper
 278 100
 139 137.7 15.4 23.0#
 279 113.0 18.8 28.2#

