

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090696.D
 Acq On : 2 Sep 2015 9:15
 Operator : UM/IZ
 Sample : G3503-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-U-M

Quant Time: Sep 02 12:19:42 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	42388	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	184709	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	96678	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	253537	5.00	ng	0.00
25) Chrysene-d12	21.07	240	317304	5.00	ng	0.00
32) Perylene-d12	23.36	264	296174	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	24162	2.94	ng	0.00
5) Phenol-d6	6.76	99	20799	1.76	ng	0.00
7) Nitrobenzene-d5	8.71	82	40521	3.32	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	25853	9.09	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	92475	3.45	ng	0.00
27) Terphenyl-d14	19.53	244	211344	6.02	ng	0.00

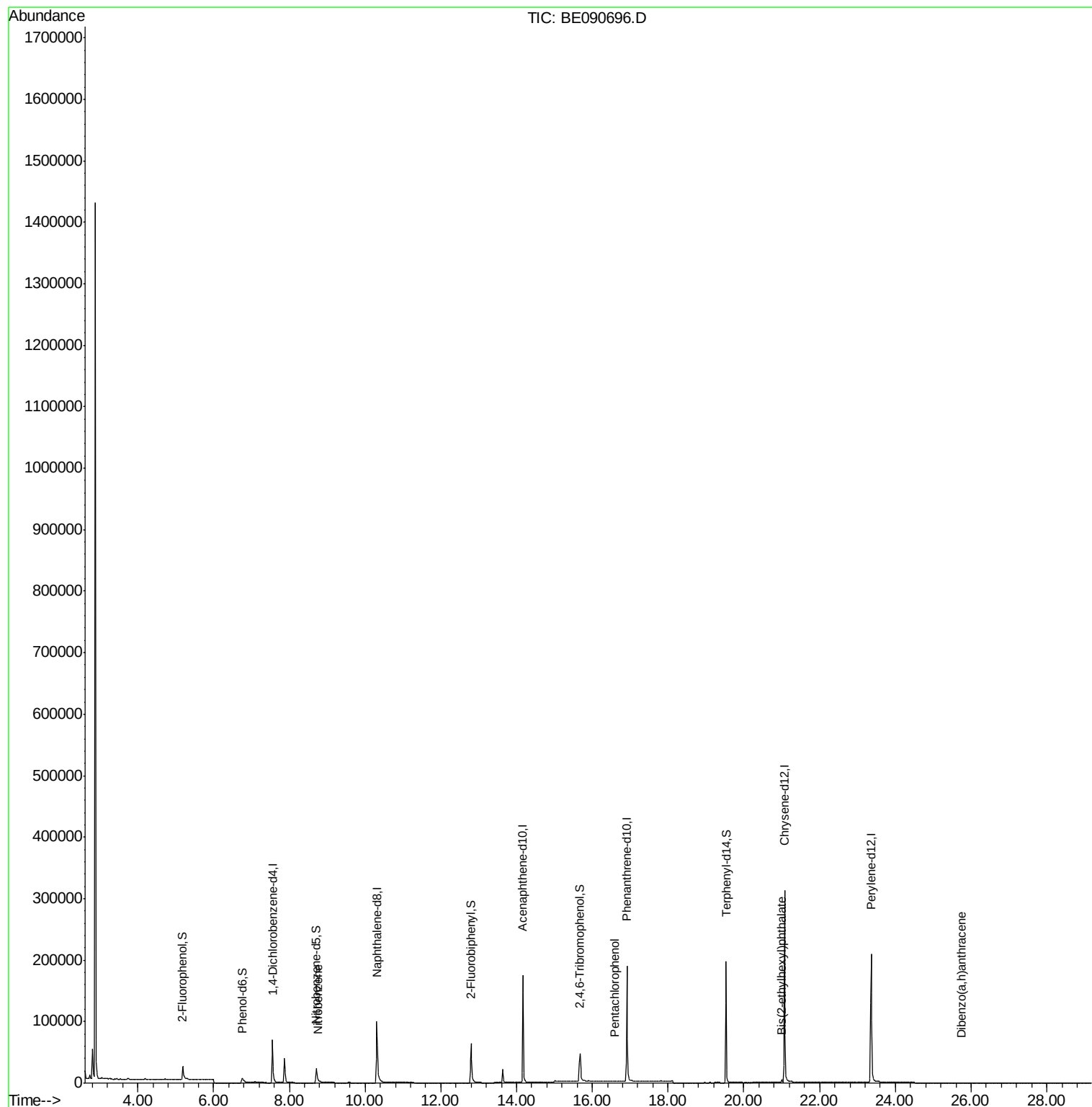
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	22	Below Cal	#	16
3) n-Nitrosodimethylamine	3.47	42	53	Below Cal	#	1
8) Nitrobenzene	8.76	77	16	0.11 ng	#	1
20) Hexachlorobenzene	16.25	284	63	Below Cal	#	1
21) Pentachlorophenol	16.60	266	21	0.47 ng	#	69
29) Chrysene	21.11	228	537	Below Cal	#	66
30) Bis(2-ethylhexyl)phthalate	21.00	149	4633	0.31 ng		99
36) Dibenzo(a,h)anthracene	25.75	278	249	0.14 ng	#	1

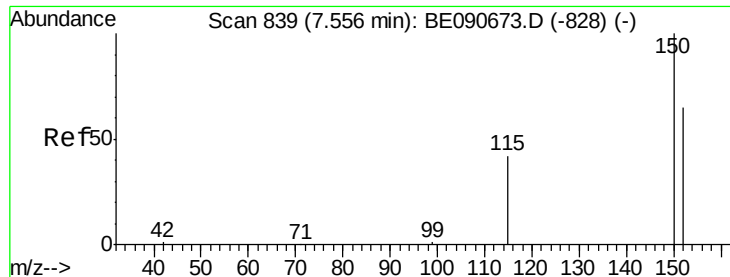
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

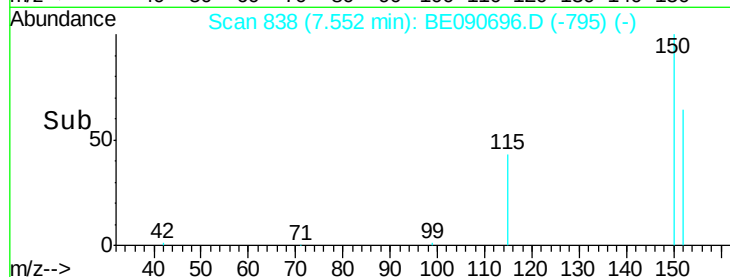
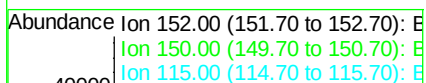
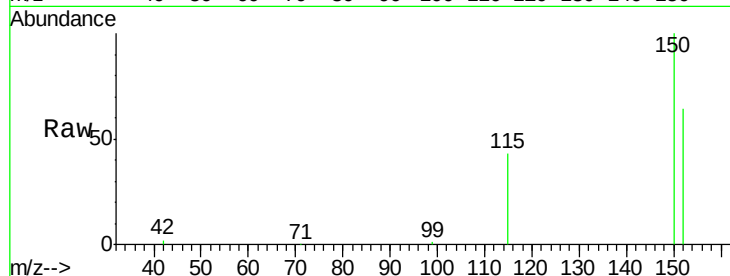
Tgt Ion: 152 Resp: 42388

Ion Ratio Lower Upper

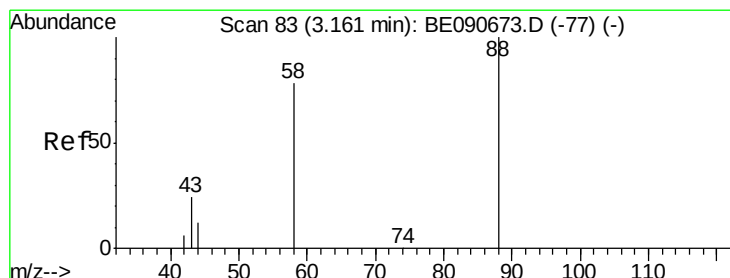
152 100

150 156.9 122.2 183.4

115 68.2 51.0 76.4



Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.23 min Scan# 93

Delta R.T. 0.07 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

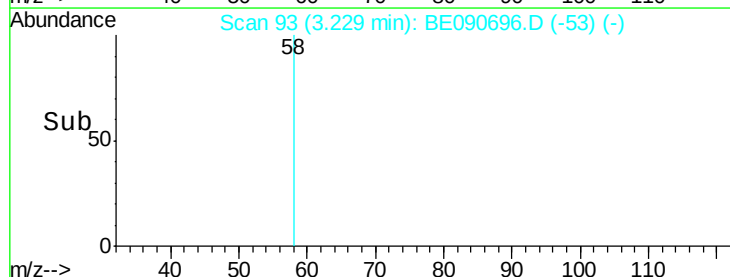
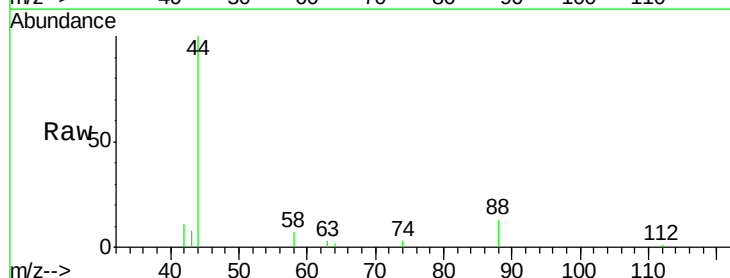
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

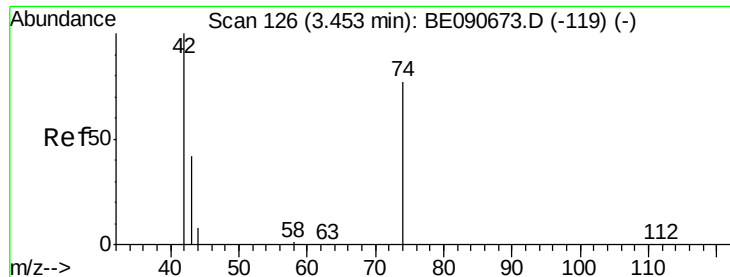
88 100

58 0.0 68.4 102.6#

43 0.0 26.9 40.3#



Time-->

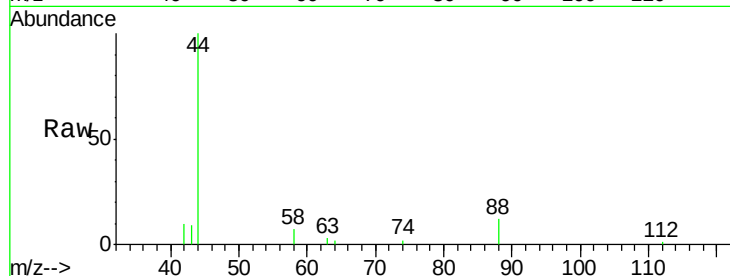


#3

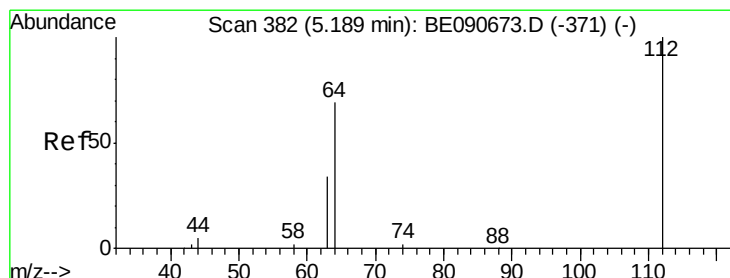
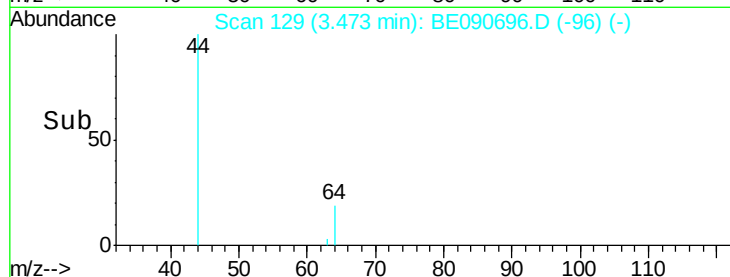
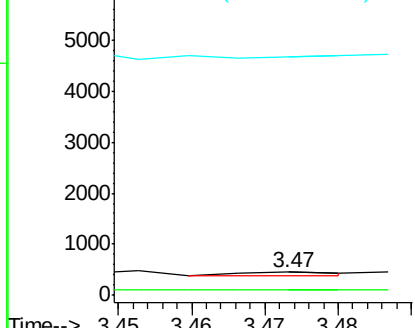
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 129
 Delta R.T. 0.02 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-U-M

Tgt Ion: 42 Resp: 53
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 460.4 10.0 15.0#



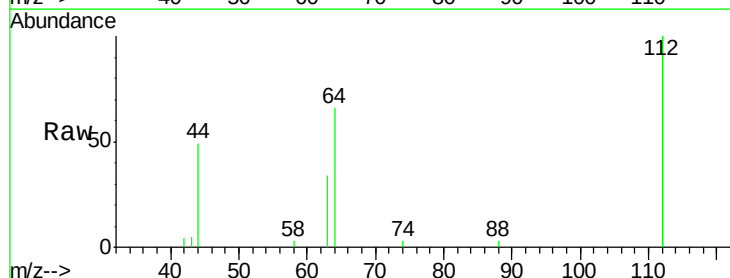
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



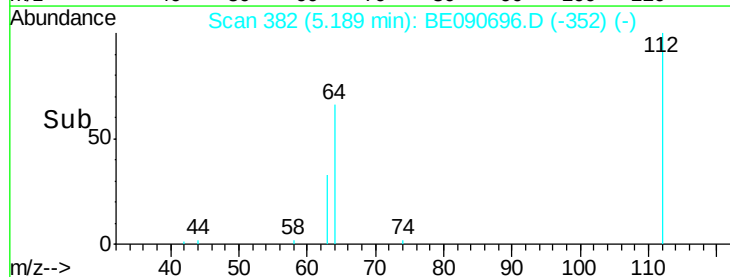
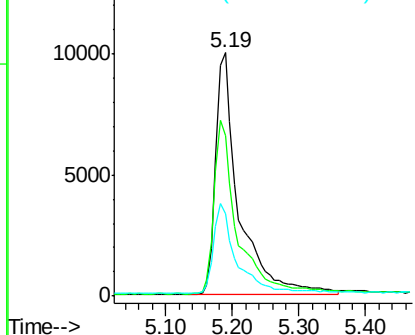
#4

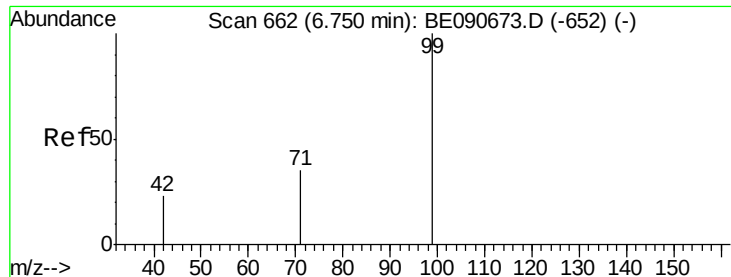
2-Fluorophenol
 Concen: 2.94 ng
 RT: 5.19 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

Tgt Ion: 112 Resp: 24162
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.3 85.9
 63 35.8 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.76 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

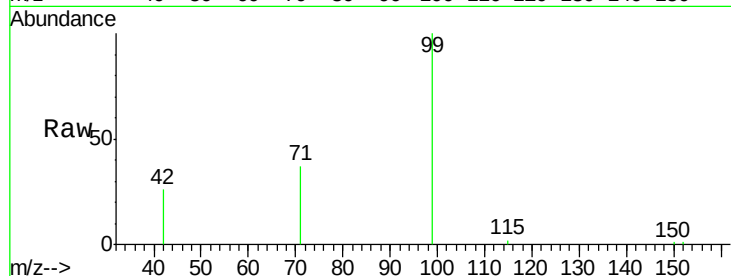
Tgt Ion: 99 Resp: 20799

Ion Ratio Lower Upper

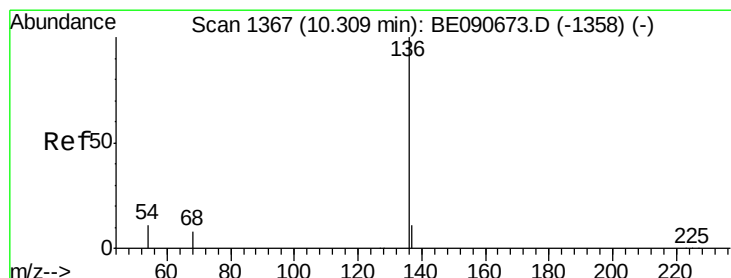
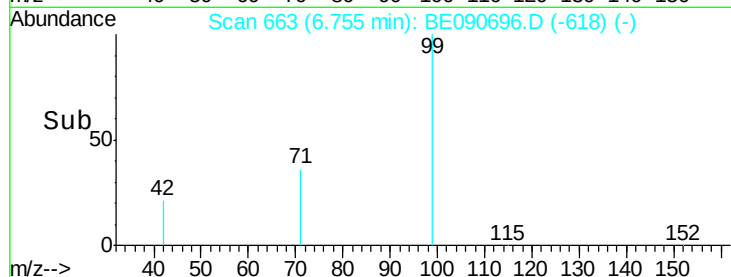
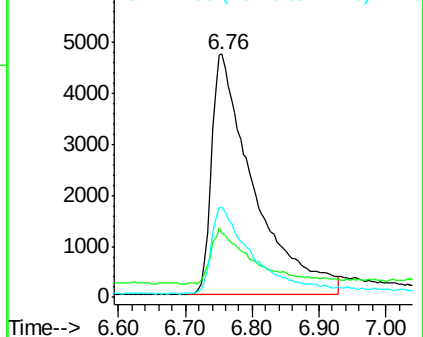
99 100

42 21.1 16.8 25.2

71 34.4 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: BE090696.D

Acq: 2 Sep 2015 9:15

Tgt Ion: 136 Resp: 184709

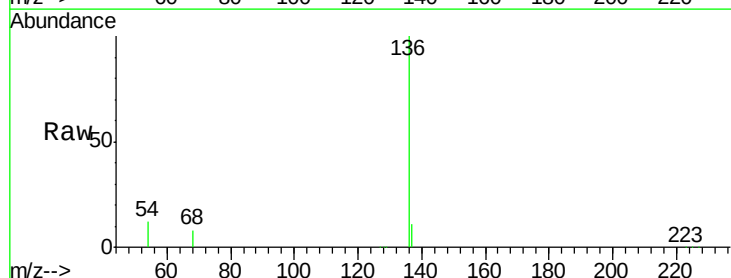
Ion Ratio Lower Upper

136 100

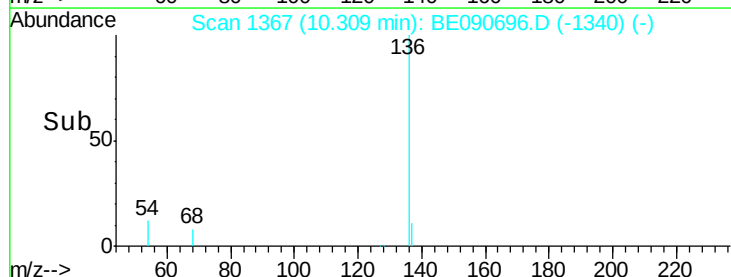
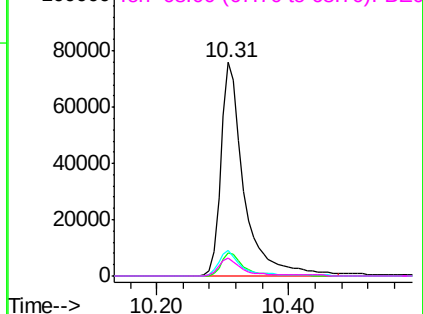
137 11.0 8.7 13.1

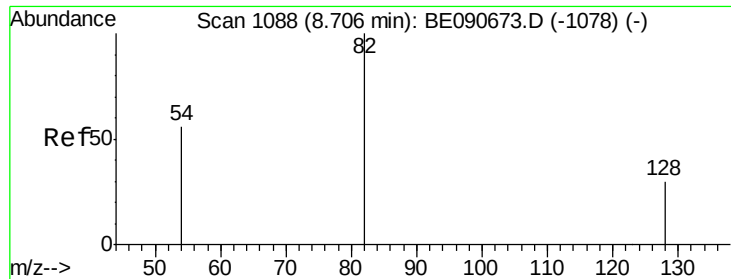
54 11.9 9.0 13.6

68 8.3 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: 3.32 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

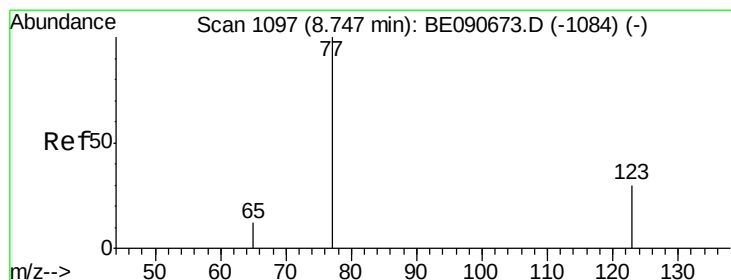
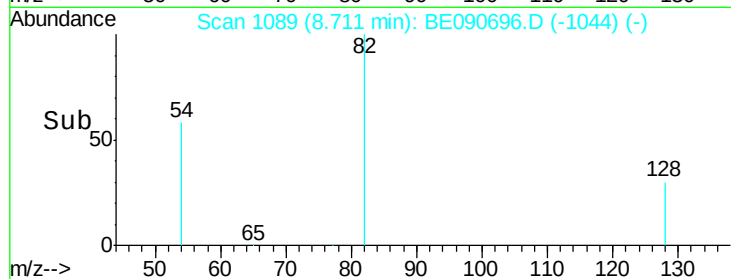
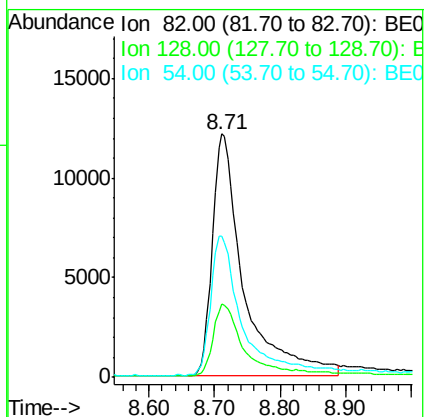
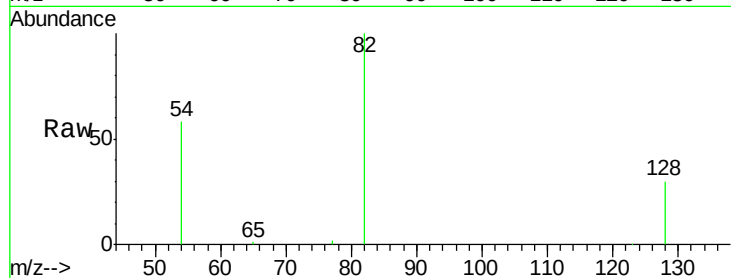
Tgt Ion: 82 Resp: 40521

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

54 58.2 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

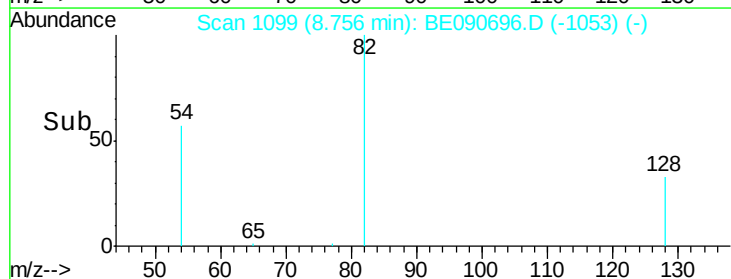
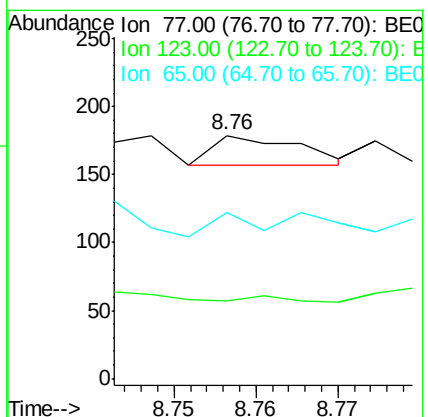
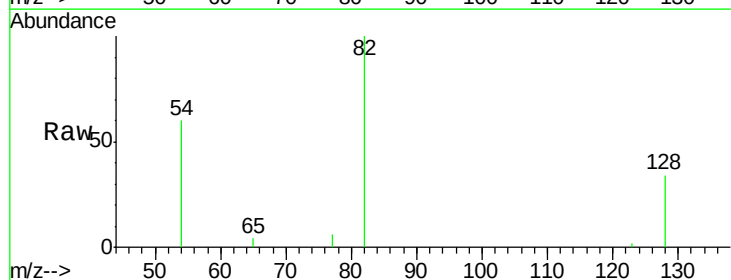
Tgt Ion: 77 Resp: 16

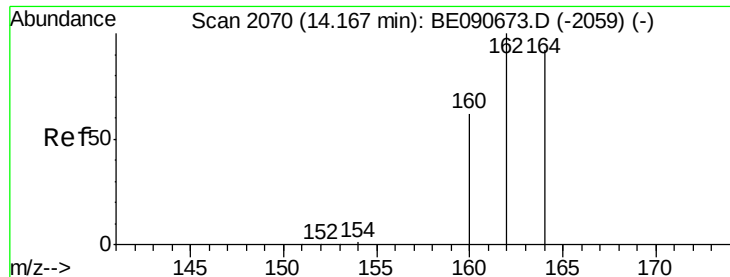
Ion Ratio Lower Upper

77 100

123 62.5 25.1 37.7#

65 106.3 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: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

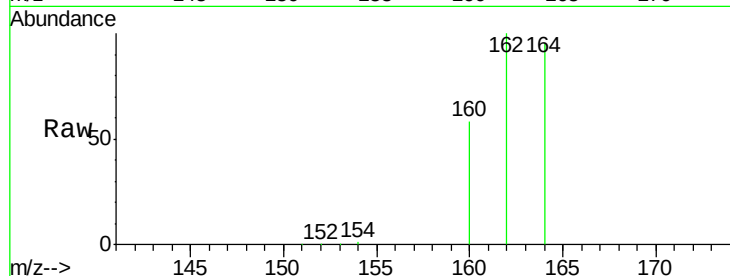
Tgt Ion:164 Resp: 96678

Ion Ratio Lower Upper

164 100

162 105.3 86.8 130.2

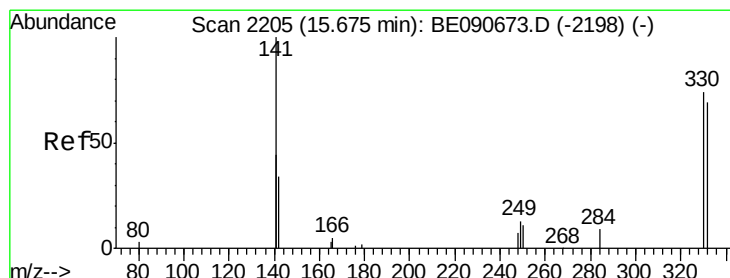
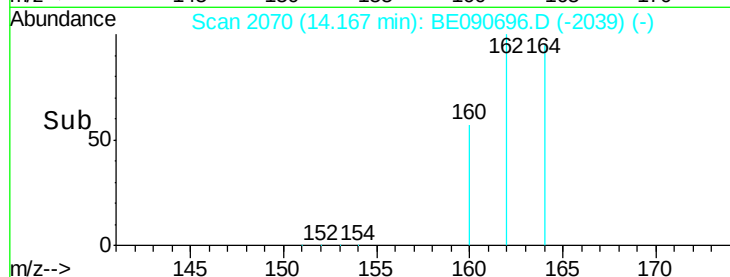
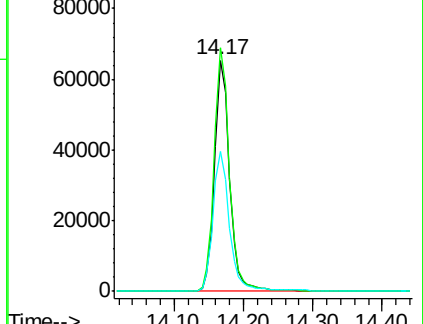
160 60.5 53.9 80.9



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: 9.09 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

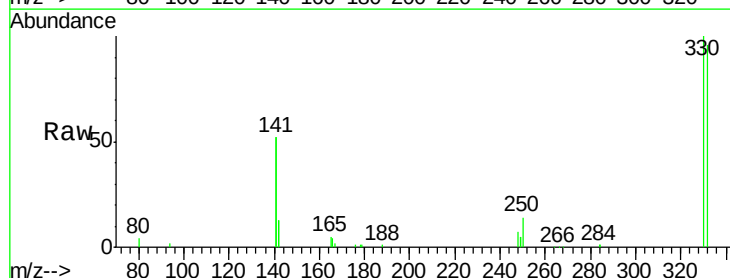
Tgt Ion:330 Resp: 25853

Ion Ratio Lower Upper

330 100

332 98.2 74.9 112.3

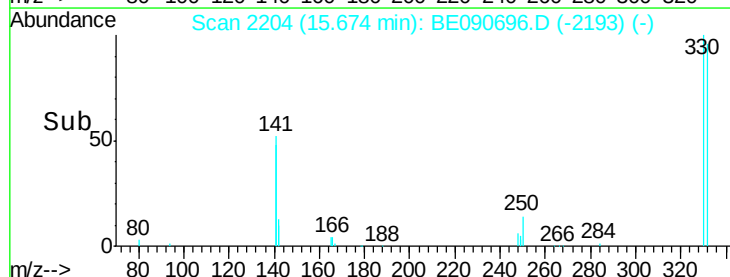
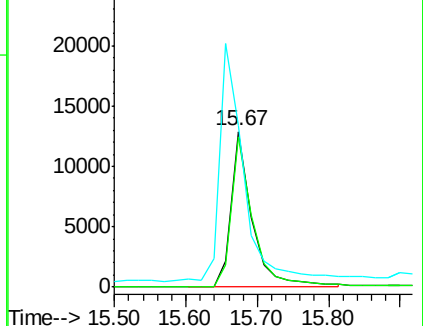
141 176.8 145.2 217.8

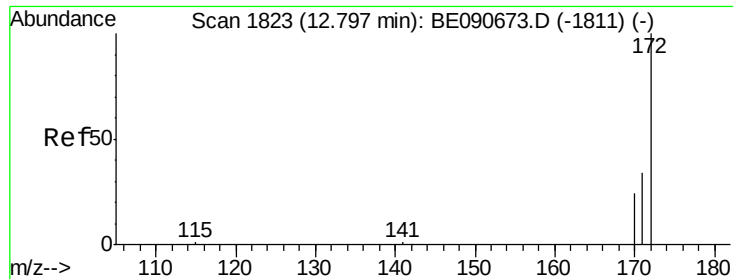


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

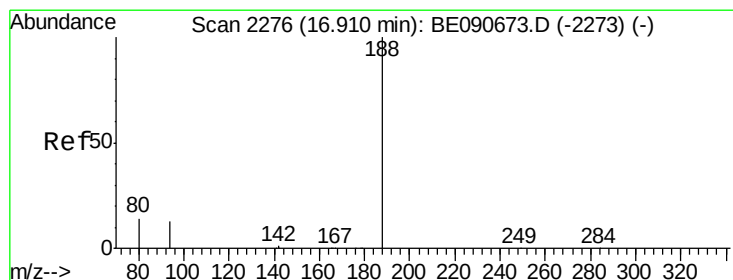
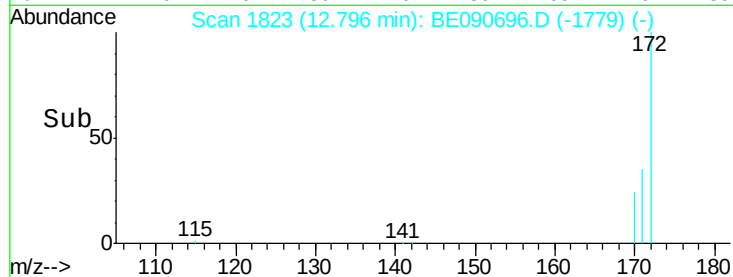
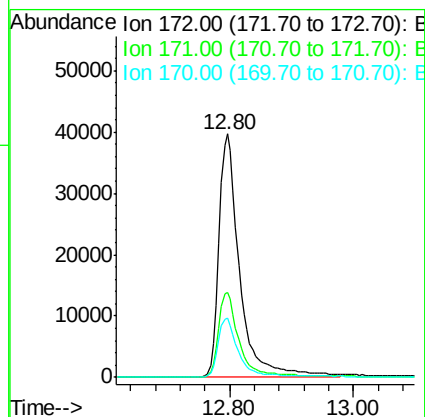
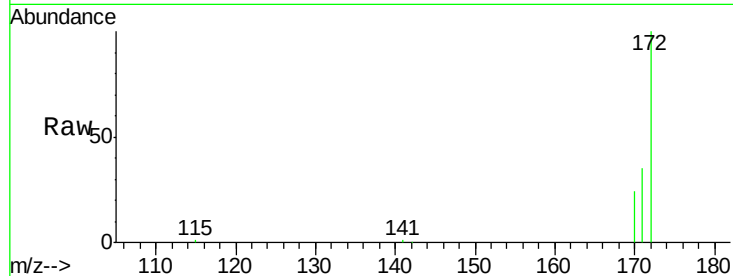




#14
2-Fluorobiphenyl
Concen: 3.45 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090696.D
Acq: 2 Sep 2015 9:15

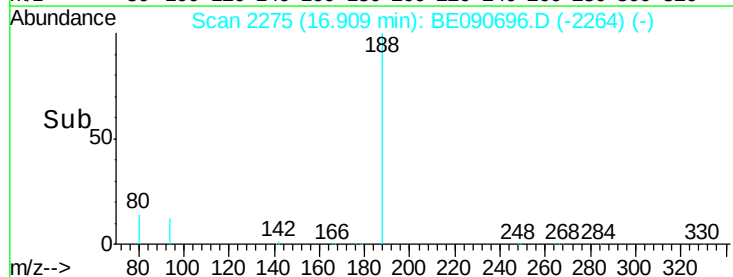
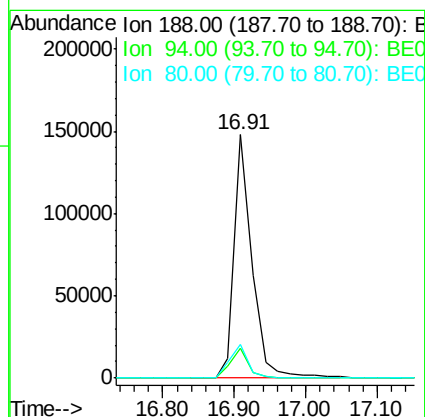
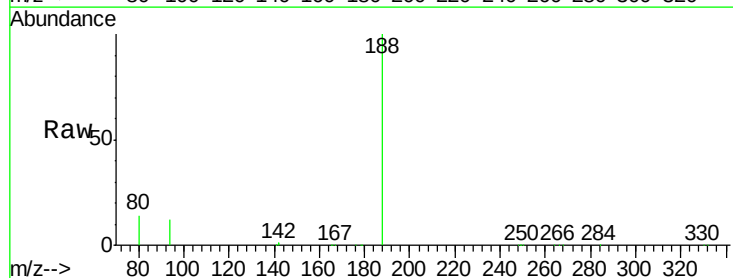
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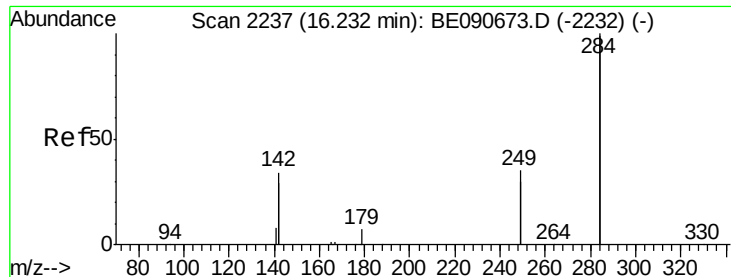
Tgt Ion:172 Resp: 92475
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090696.D
Acq: 2 Sep 2015 9:15

Tgt Ion:188 Resp: 253537
Ion Ratio Lower Upper
188 100
94 12.3 10.3 15.5
80 13.7 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

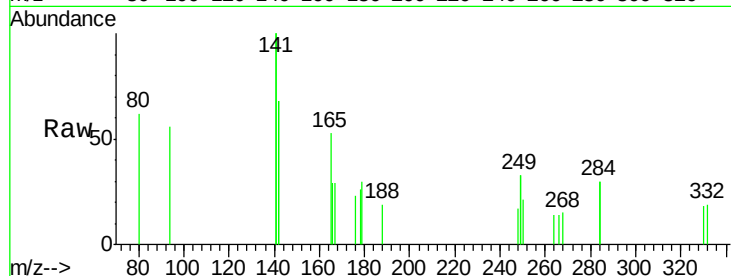
Tgt Ion:284 Resp: 63

Ion Ratio Lower Upper

284 100

142 303.2 35.0 52.4#

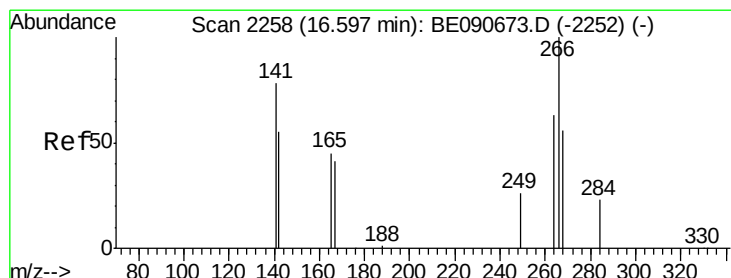
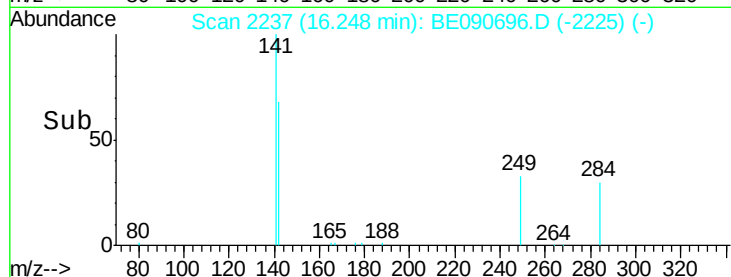
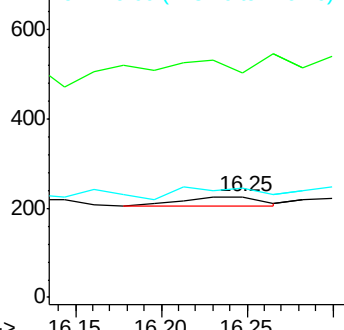
249 0.0 25.5 38.3#



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: BE090696.D

Acq: 2 Sep 2015 9:15

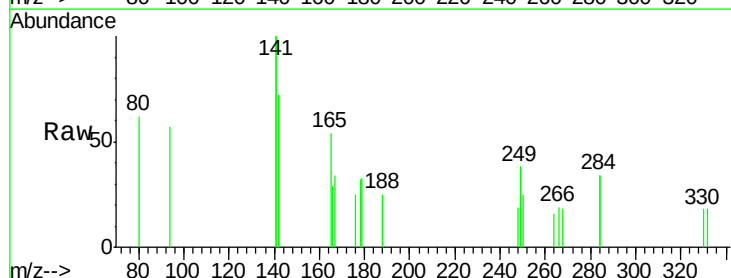
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 93.4 49.6 74.4#

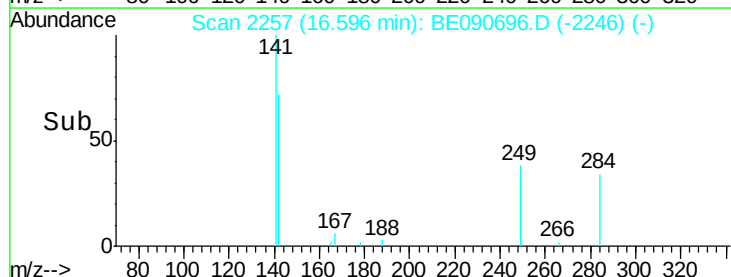
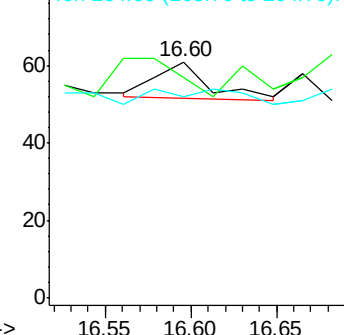
264 85.2 53.9 80.9#

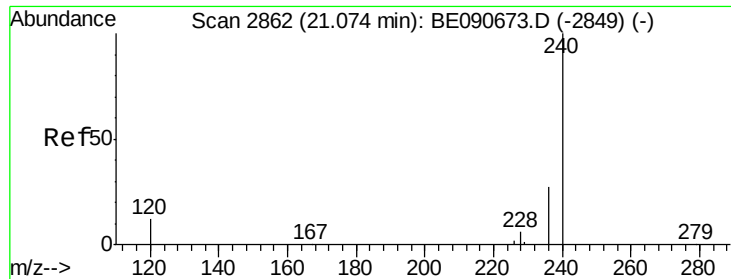


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

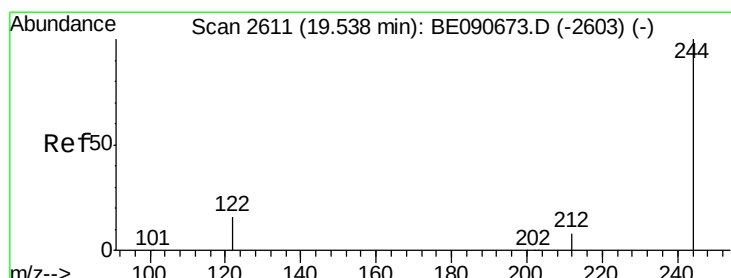
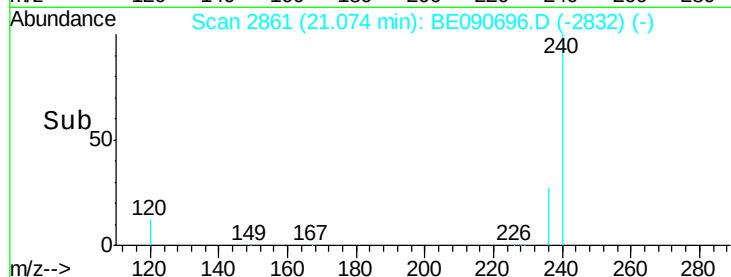
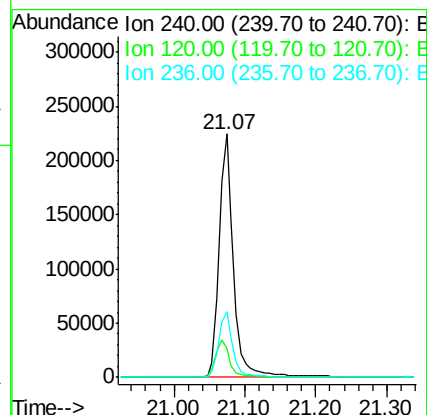
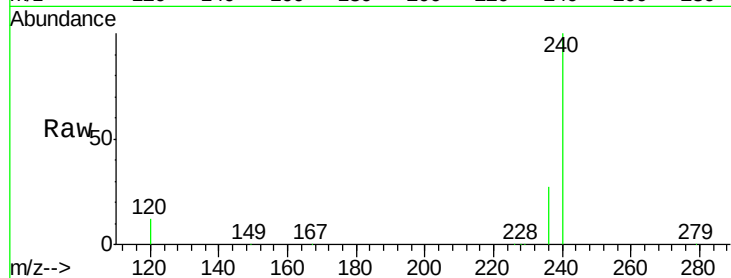




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

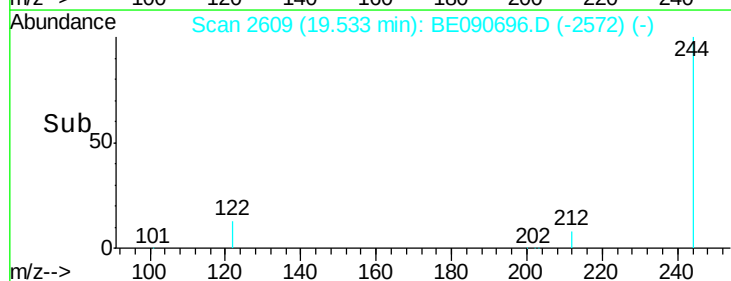
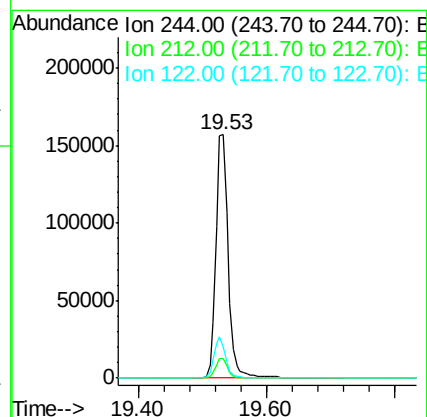
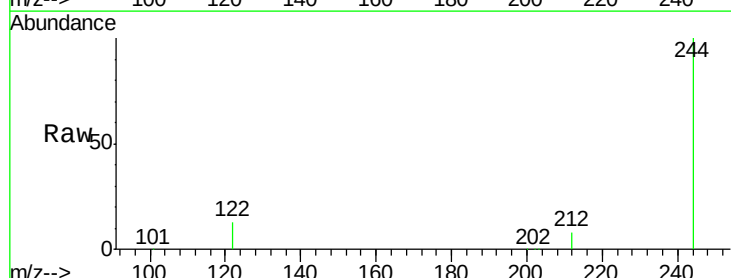
Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-U-M

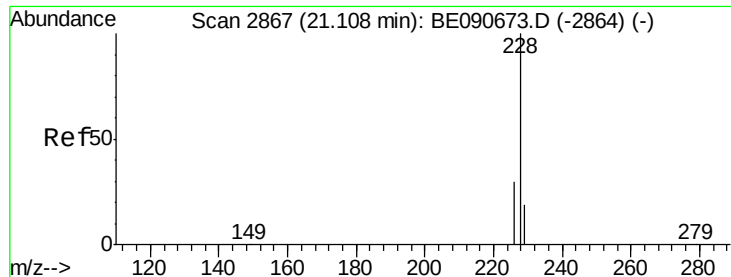
Tgt Ion: 240 Resp: 317304
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.1 15.1
 236 27.0 21.9 32.9



#27
 Terphenyl-d14
 Concen: 6.02 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

Tgt Ion: 244 Resp: 211344
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 12.7 12.9 19.3#





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-U-M

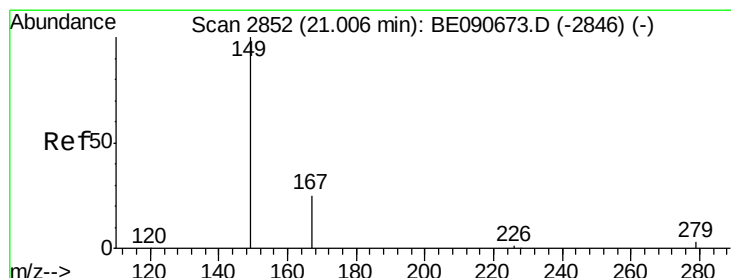
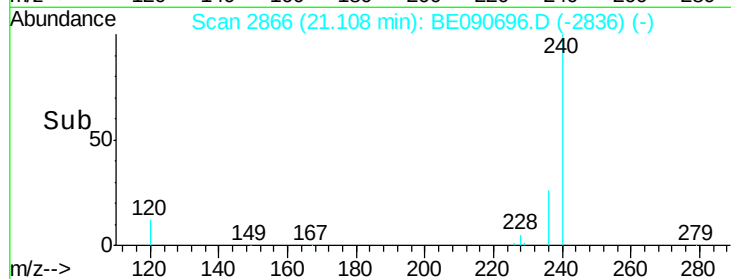
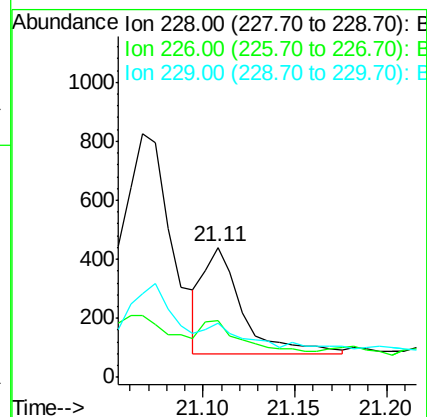
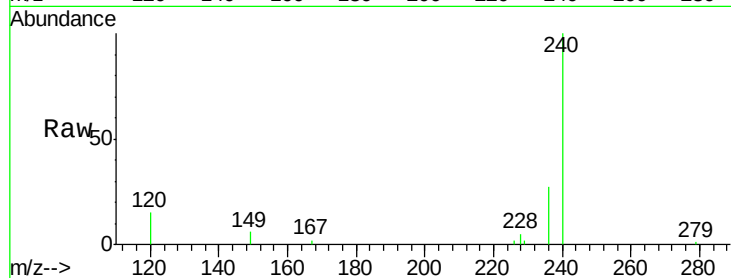
Tgt Ion:228 Resp: 537

Ion Ratio Lower Upper

228 100

226 43.6 24.2 36.4#

229 41.6 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090696.D

Acq: 2 Sep 2015 9:15

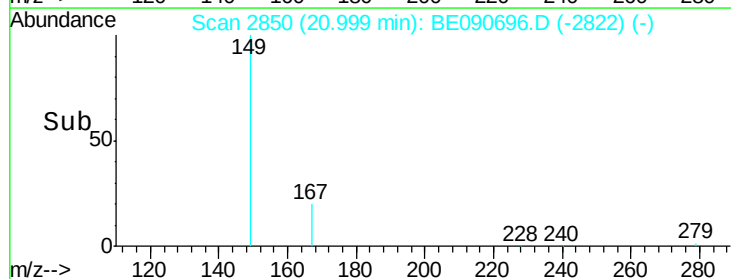
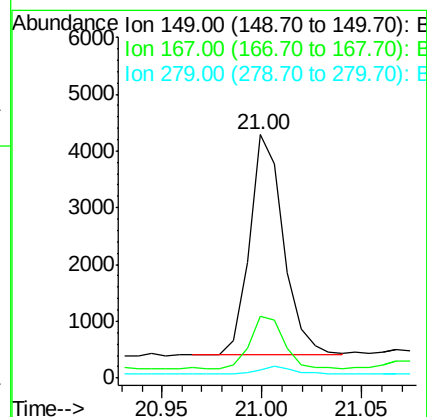
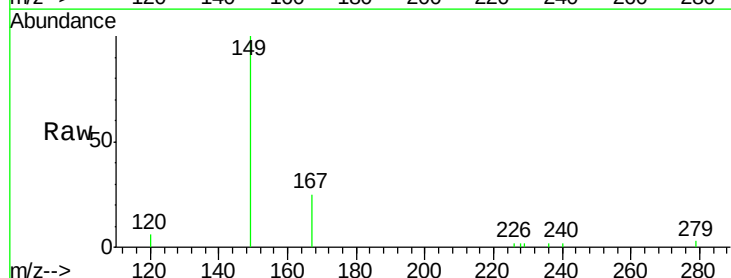
Tgt Ion:149 Resp: 4633

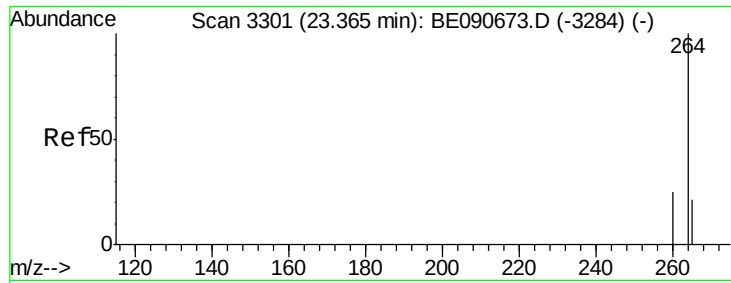
Ion Ratio Lower Upper

149 100

167 24.4 20.1 30.1

279 3.0 2.3 3.5

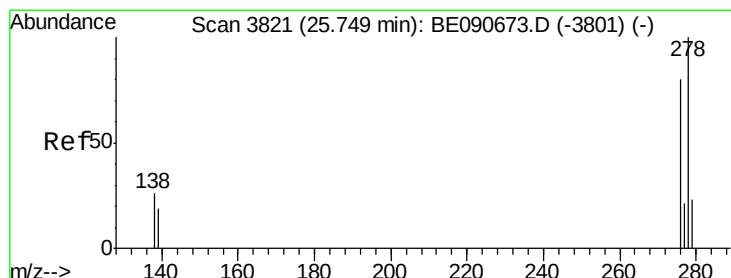
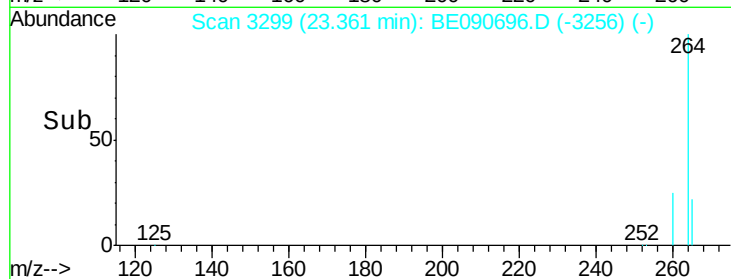
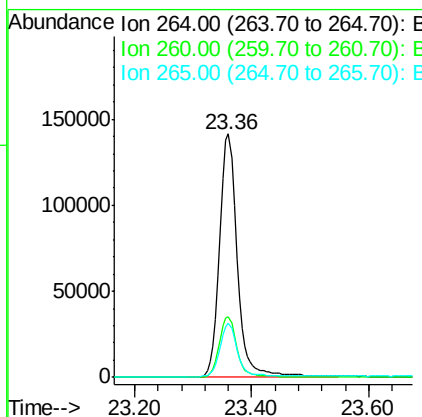
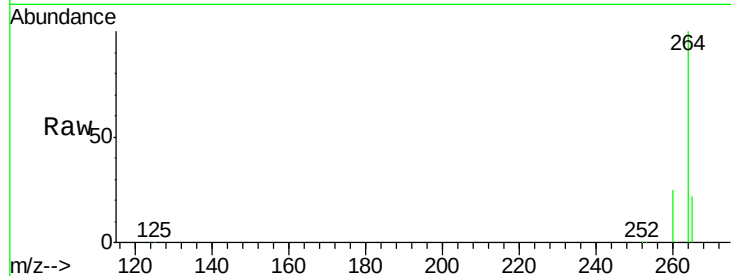




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-U-M

Tgt Ion: 264 Resp: 296174
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 22.1 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3821
 Delta R.T. 0.01 min
 Lab File: BE090696.D
 Acq: 2 Sep 2015 9:15

Tgt Ion: 278 Resp: 249
 Ion Ratio Lower Upper
 278 100
 139 94.7 15.4 23.0#
 279 78.9 18.8 28.2#

