

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090758.D
 Acq On : 10 Sep 2015 13:14
 Operator : UM/IZ
 Sample : PB85478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

Quant Time: Sep 11 02:51:18 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	7.54	152	41226	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	174687	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92626	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	247810	5.00	ng	0.00
25) Chrysene-d12	21.07	240	275189	5.00	ng	0.00
32) Perylene-d12	23.36	264	245415	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	73433	9.13	ng	0.00
5) Phenol-d6	6.74	99	99001	8.62	ng	-0.01
7) Nitrobenzene-d5	8.70	82	45943	3.98	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17817	6.58	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	100614	3.92	ng	0.00
27) Terphenyl-d14	19.53	244	156720	5.15	ng	0.00

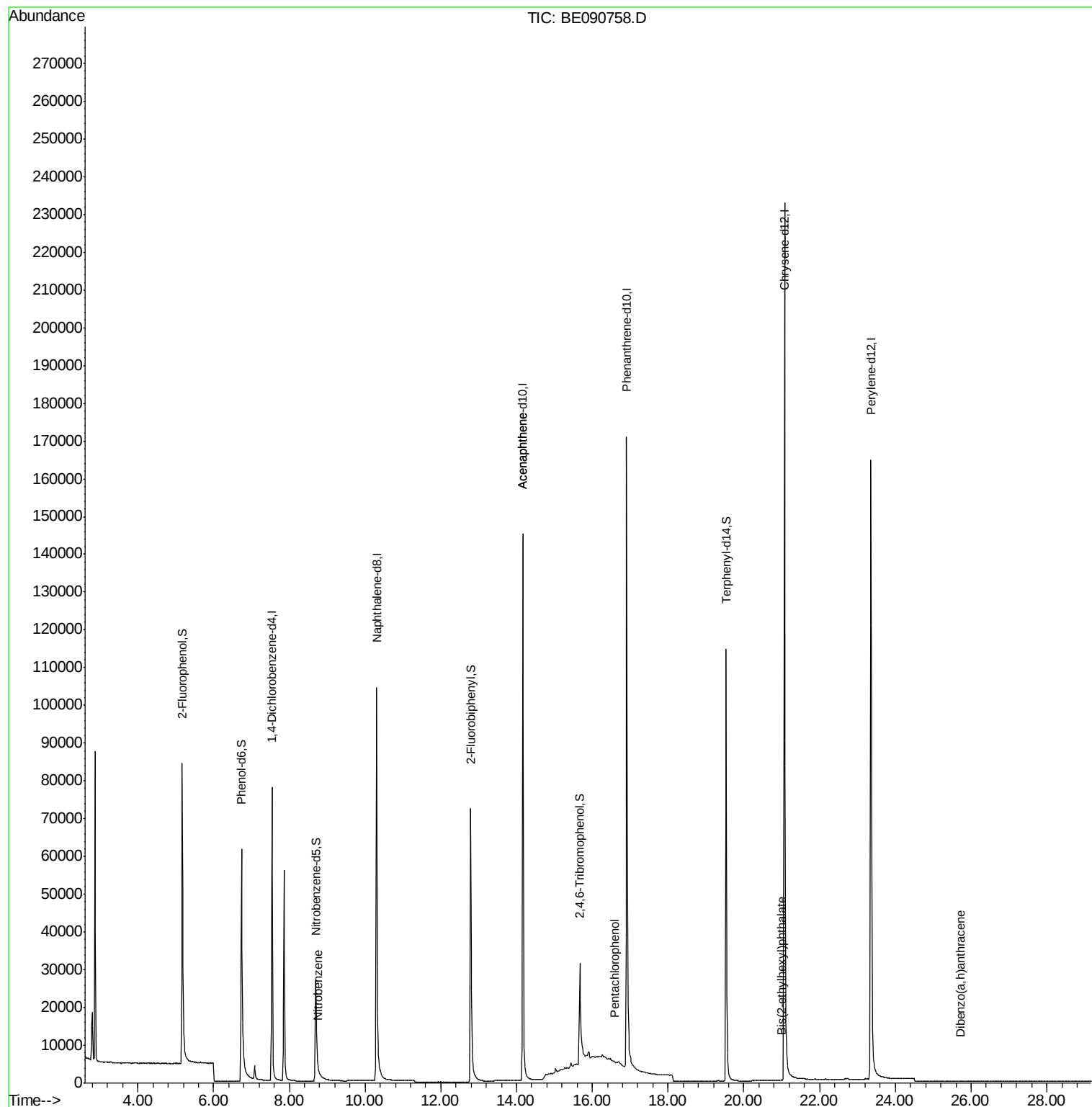
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	307	Below Cal	#	19
3) n-Nitrosodimethylamine	3.45	42	37	Below Cal	#	1
8) Nitrobenzene	8.76	77	15	0.11 ng	#	85
16) Acenaphthene	14.16	154	521	0.02 ng	#	1
20) Hexachlorobenzene	16.21	284	150	Below Cal	#	37
21) Pentachlorophenol	16.60	266	11	0.46 ng	#	61
29) Chrysene	21.11	228	1053	Below Cal	#	81
30) Bis(2-ethylhexyl)phthalate	21.01	149	245	0.08 ng	#	91
36) Dibenzo(a,h)anthracene	25.74	278	4	0.14 ng	#	1

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

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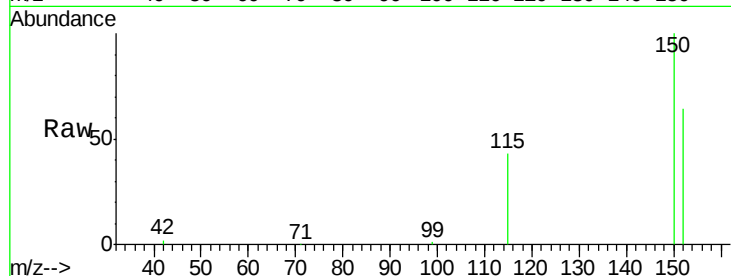


#1

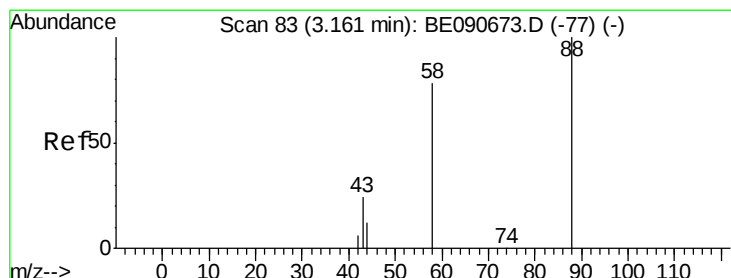
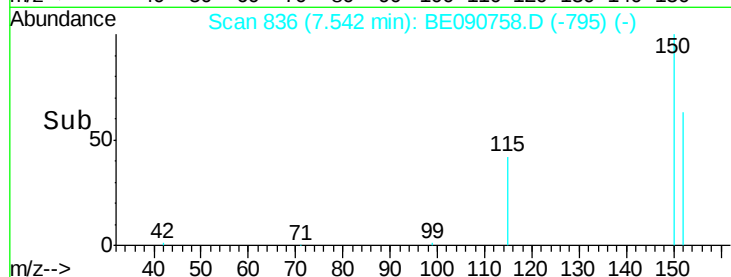
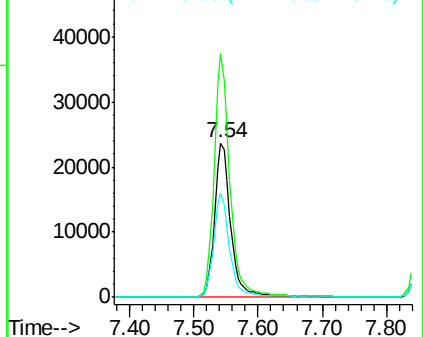
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 836
Delta R.T. -0.01 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

Instrument :
BNA_E
ClientSampleId :
PB85478BL

Tot Ion:152 Resp: 41226
Ion Ratio Lower Upper
152 100
150 157.5 122.2 183.4
115 67.0 51.0 76.4



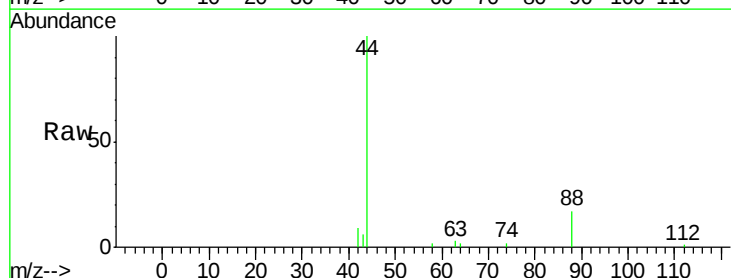
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



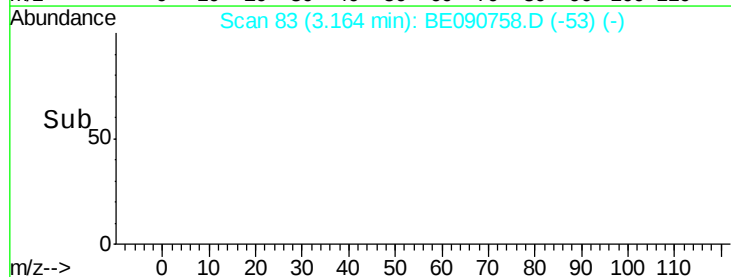
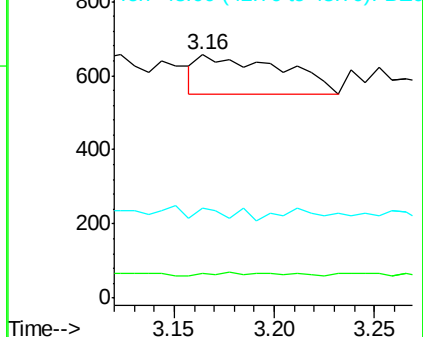
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

Tgt Ion: 88 Resp: 307
Ion Ratio Lower Upper
88 100
58 3.6 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



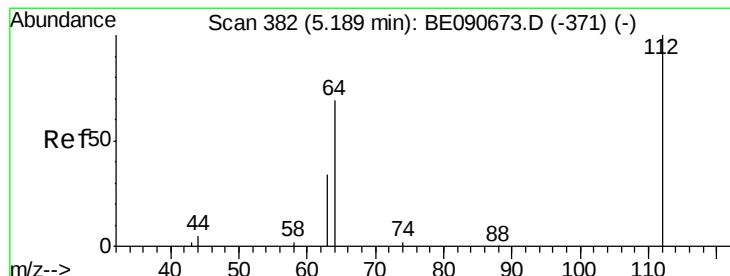
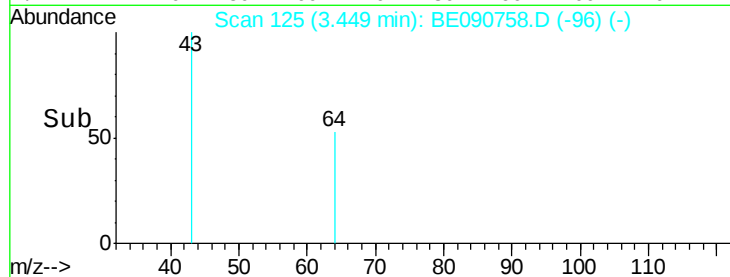
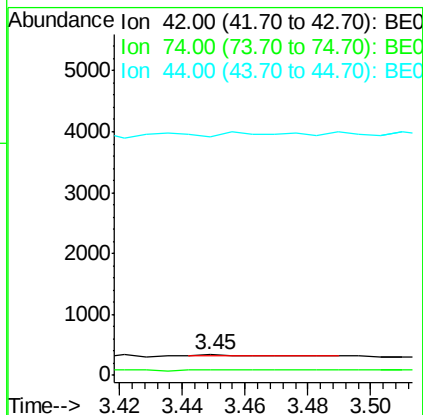
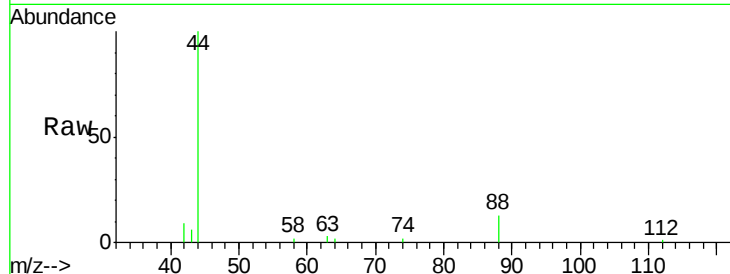


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

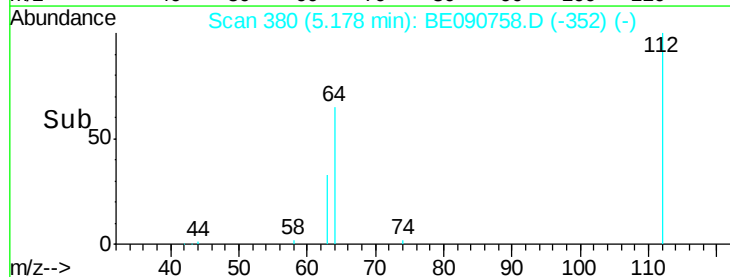
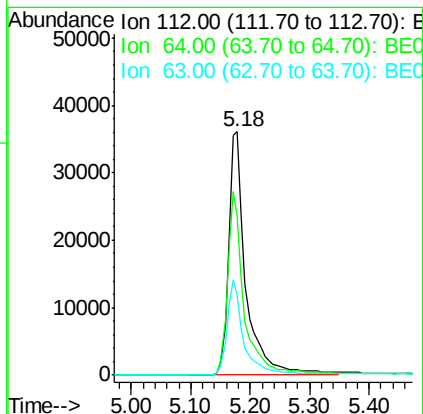
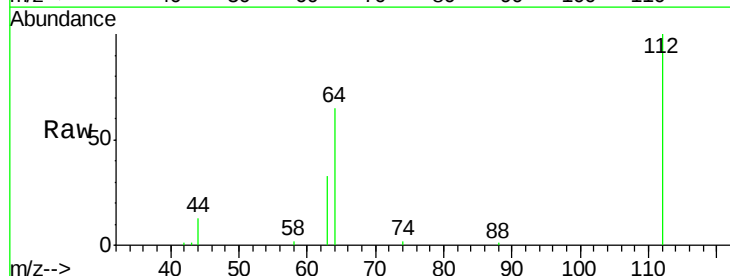
Tot Ion: 42 Resp: 37
 Ion Ratio Lower Upper
 42 100
 74 35.1 83.7 125.5#
 44 159.5 10.0 15.0#



#4

2-Fluorophenol
 Concen: 9.13 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Tgt Ion: 112 Resp: 73433
 Ion Ratio Lower Upper
 112 100
 64 72.0 57.3 85.9
 63 37.4 29.2 43.8





#5

Phenol-d6

Concen: 8.62 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

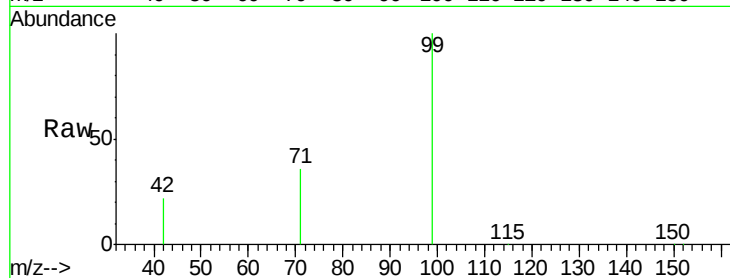
Tot Ion: 99 Resp: 99001

Ion Ratio Lower Upper

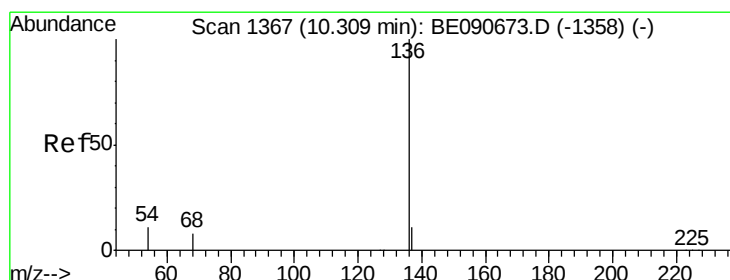
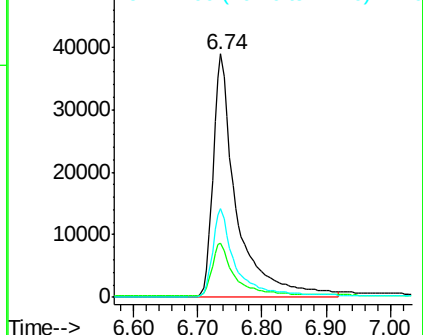
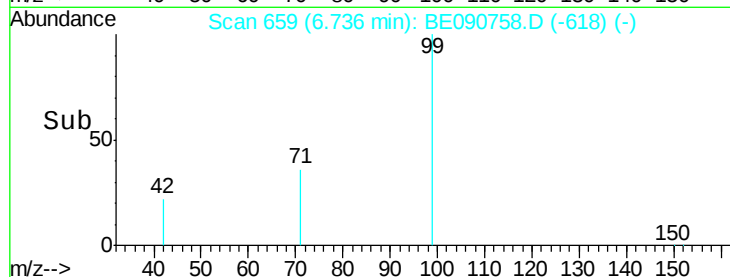
99 100

42 22.2 16.8 25.2

71 36.2 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE090758.D (-618) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Tgt Ion: 136 Resp: 174687

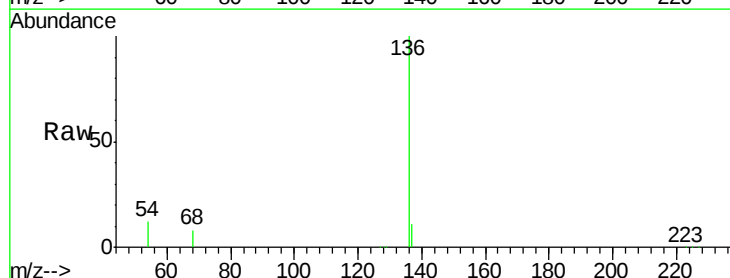
Ion Ratio Lower Upper

136 100

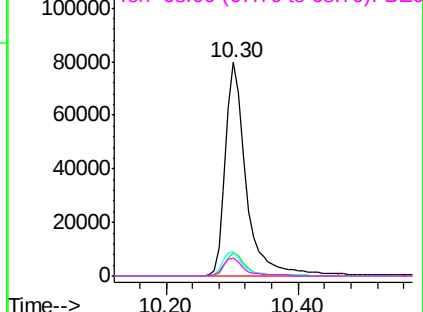
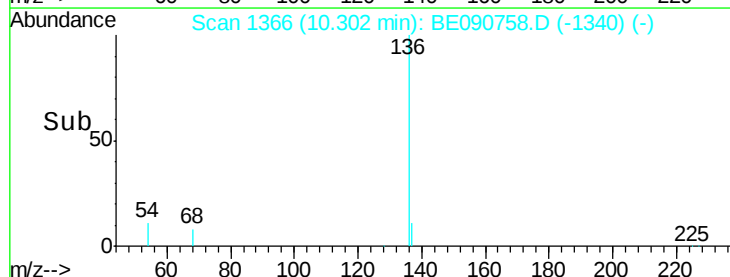
137 11.0 8.7 13.1

54 11.6 9.0 13.6

68 8.5 6.3 9.5



Abundance Ion 136.00 (135.70 to 136.70): BE090758.D (-1340) (-)





#7

Nitrobenzene-d5

Concen: 3.98 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

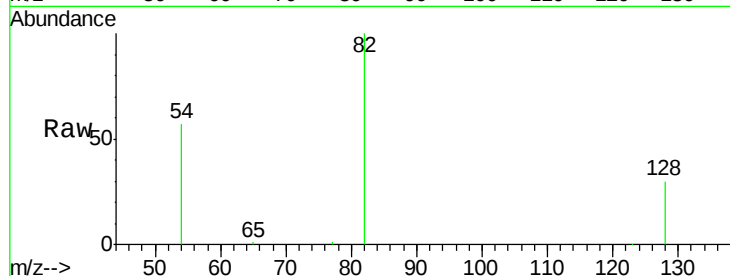
Tot Ion: 82 Resp: 45943

Ion Ratio Lower Upper

82 100

128 29.6 25.0 37.4

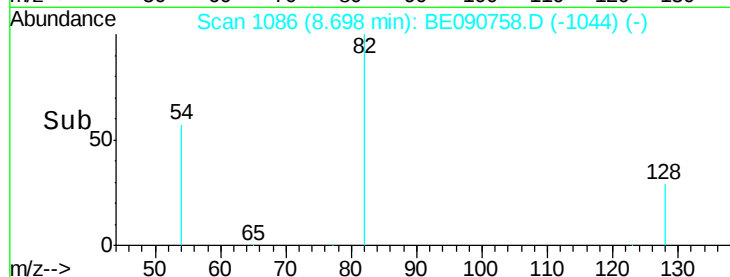
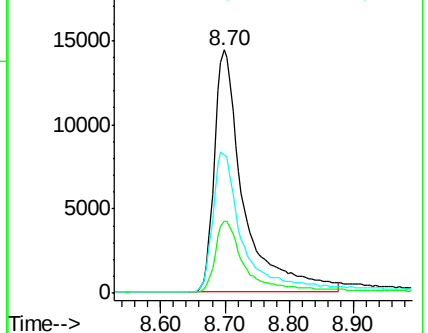
54 57.1 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

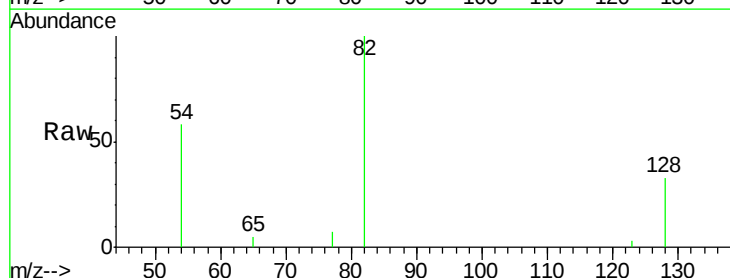
Tgt Ion: 77 Resp: 15

Ion Ratio Lower Upper

77 100

123 26.7 25.1 37.7

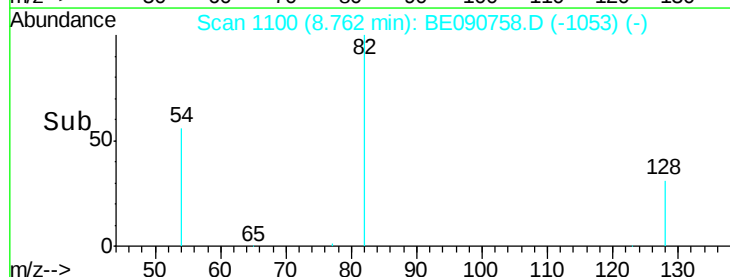
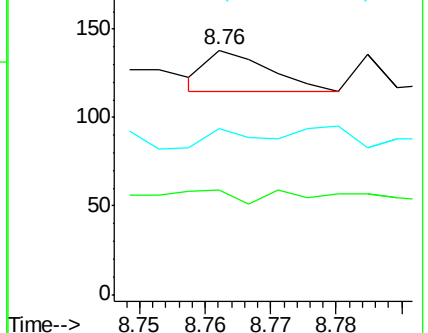
65 0.0 9.9 14.9#

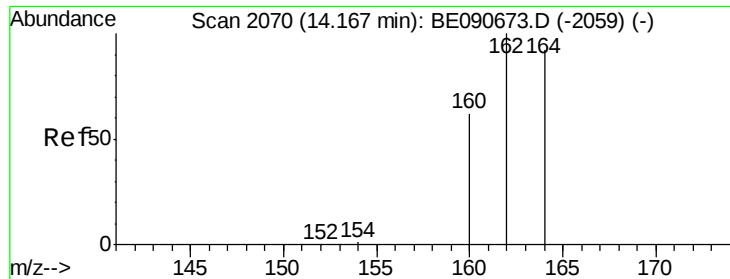


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

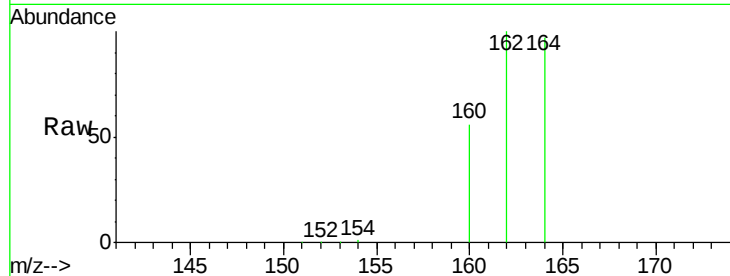
Tot Ion:164 Resp: 92626

Ion Ratio Lower Upper

164 100

162 103.2 86.8 130.2

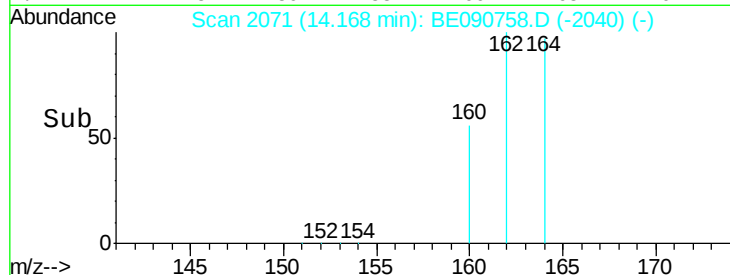
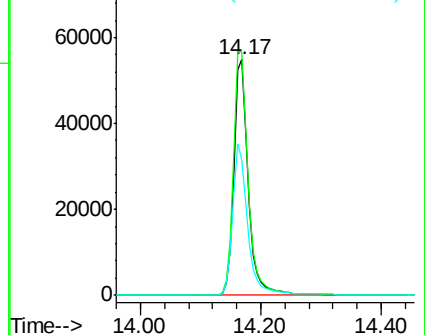
160 58.0 53.9 80.9



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: 6.58 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

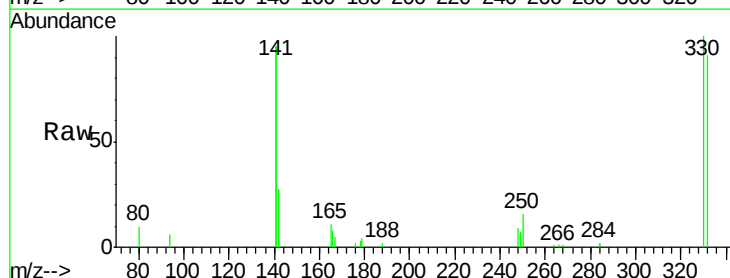
Tgt Ion:330 Resp: 17817

Ion Ratio Lower Upper

330 100

332 94.8 74.9 112.3

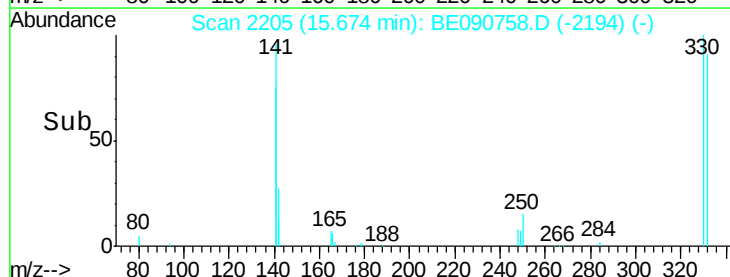
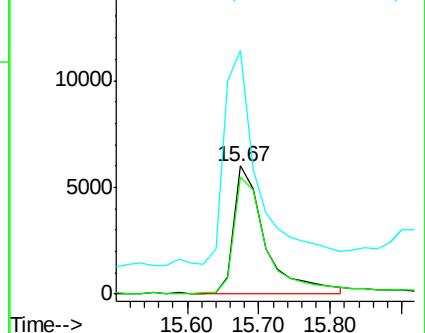
141 198.2 145.2 217.8



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

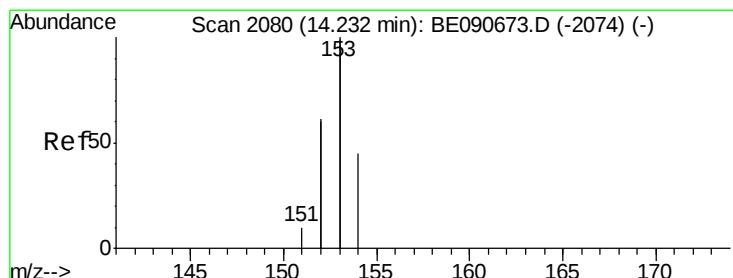
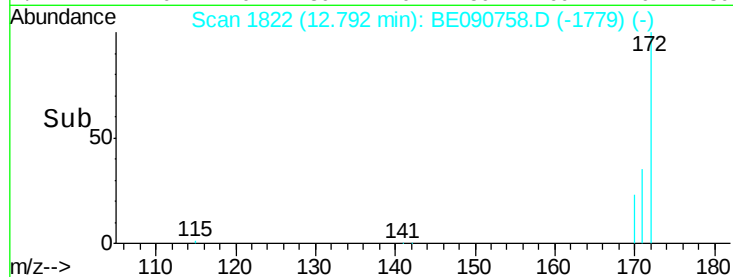
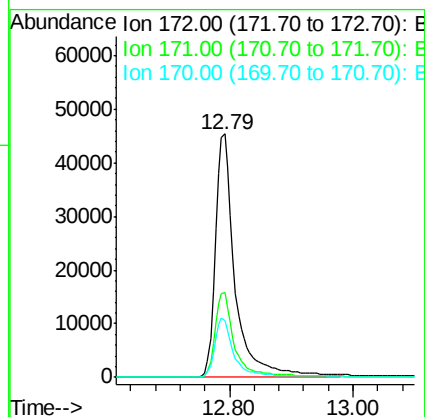
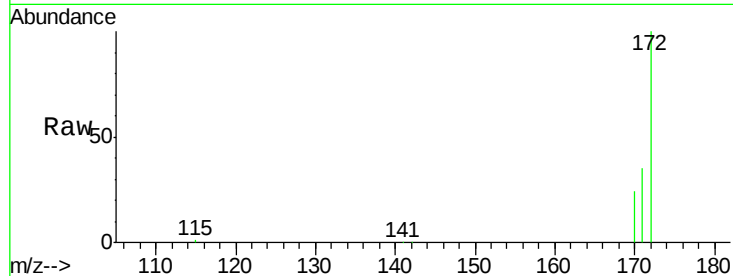




#14
2-Fluorobiphenyl
Concen: 3.92 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

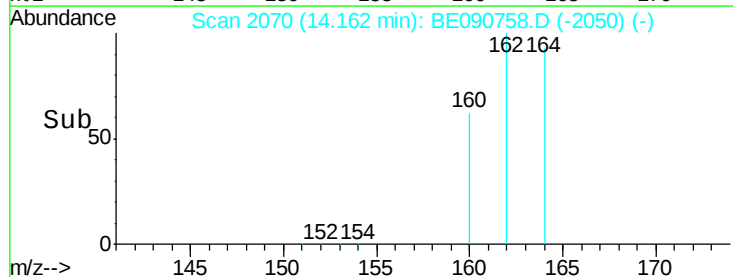
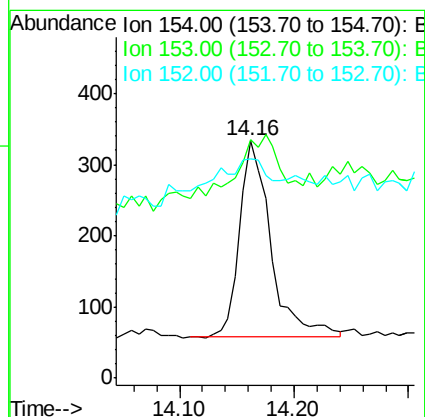
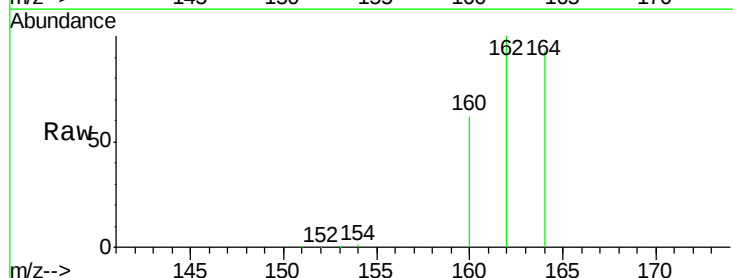
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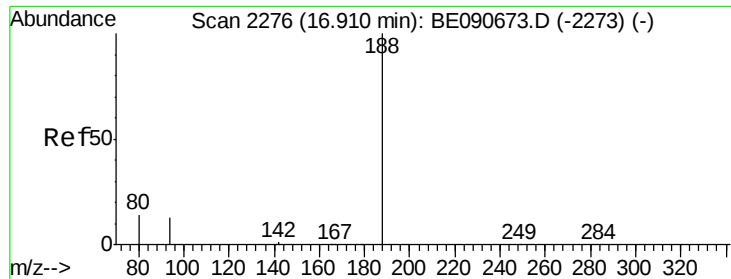
Tot Ion:172 Resp: 100614
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 19.8 29.6



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.16 min Scan# 2070
Delta R.T. -0.07 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

Tgt Ion:154 Resp: 521
Ion Ratio Lower Upper
154 100
153 48.6 354.5 531.7#
152 26.7 227.8 341.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

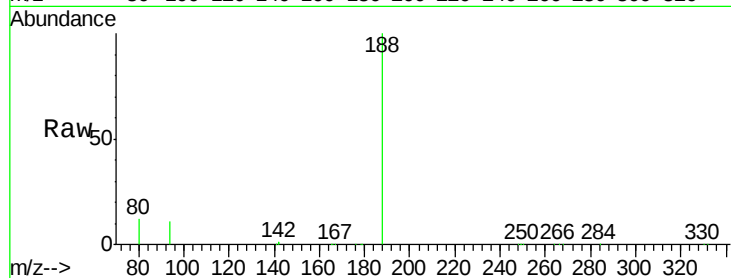
Tot Ion:188 Resp: 247810

Ion Ratio Lower Upper

188 100

94 11.4 10.3 15.5

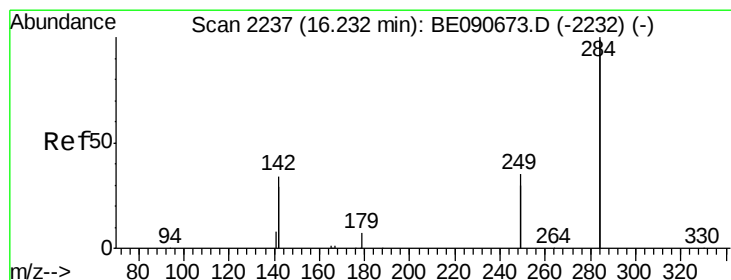
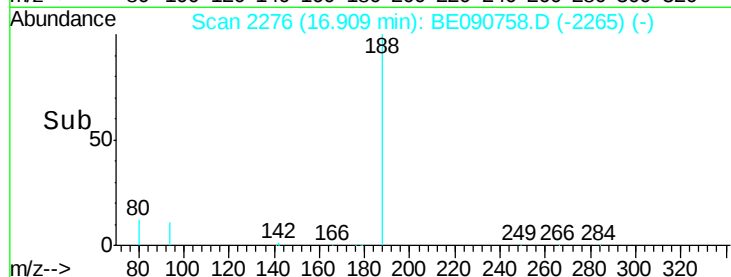
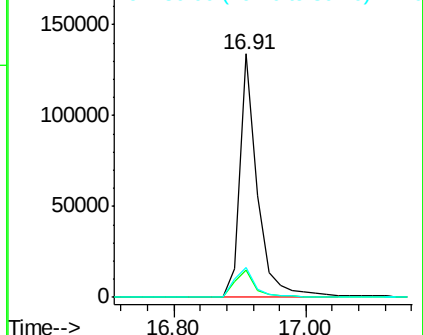
80 12.3 11.0 16.6



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



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.21 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

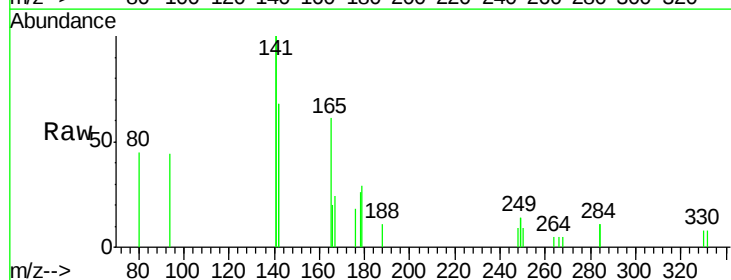
Tgt Ion:284 Resp: 150

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

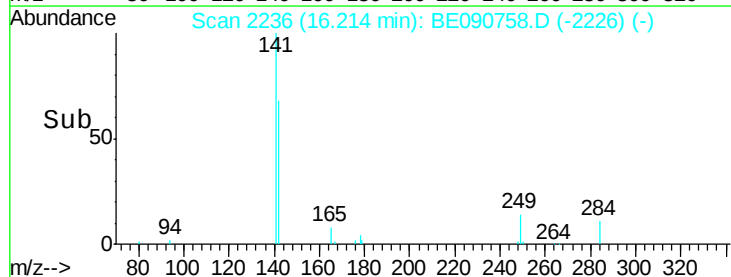
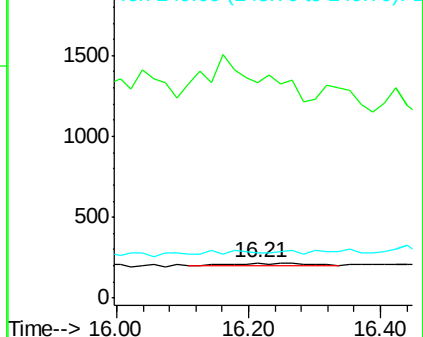
249 0.0 25.5 38.3#

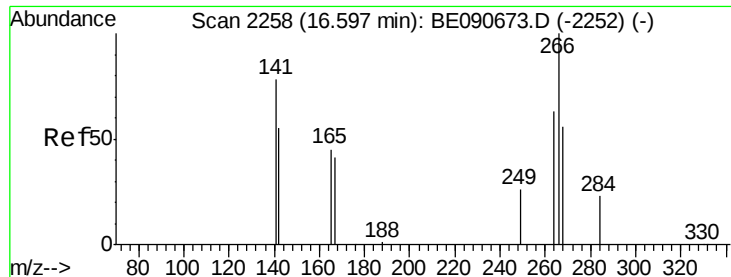


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

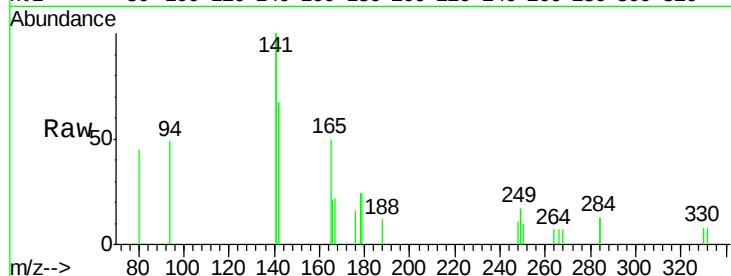
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 94.8 49.6 74.4#

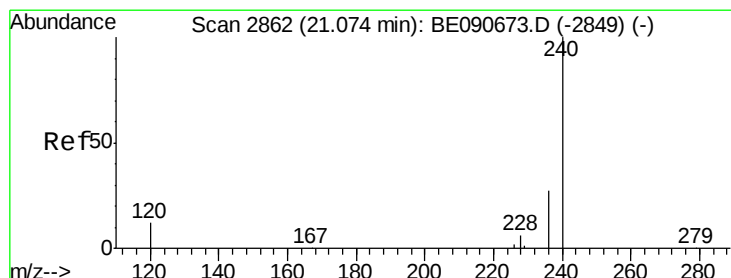
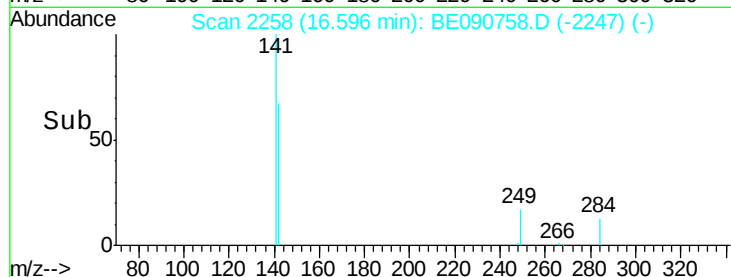
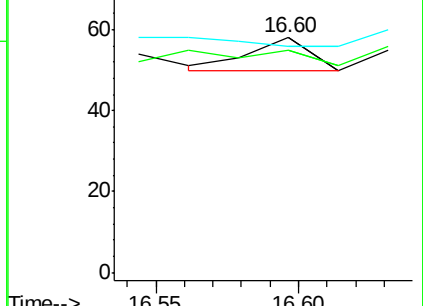
264 96.6 53.9 80.9#



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: BE090758.D

Acq: 10 Sep 2015 13:14

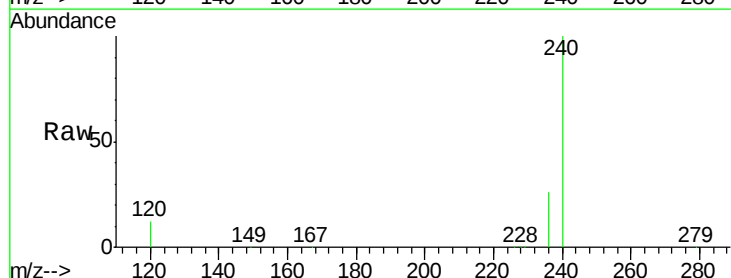
Tgt Ion:240 Resp: 275189

Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

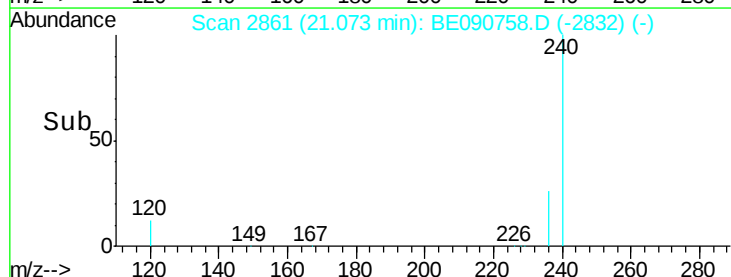
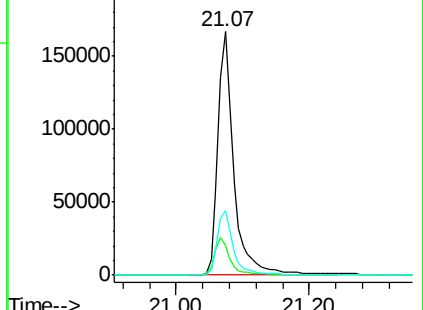
236 26.3 21.9 32.9

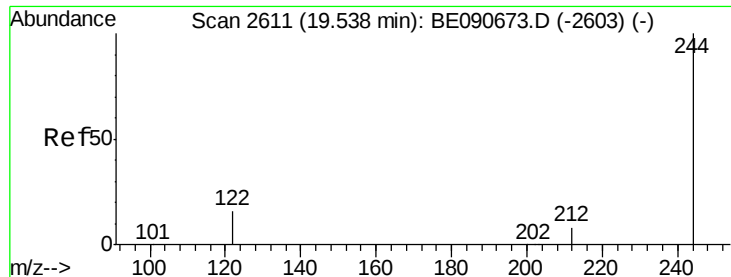


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

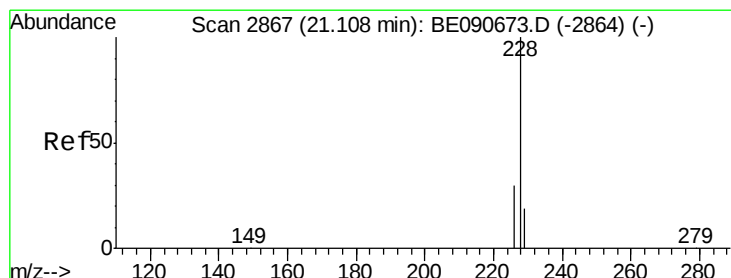
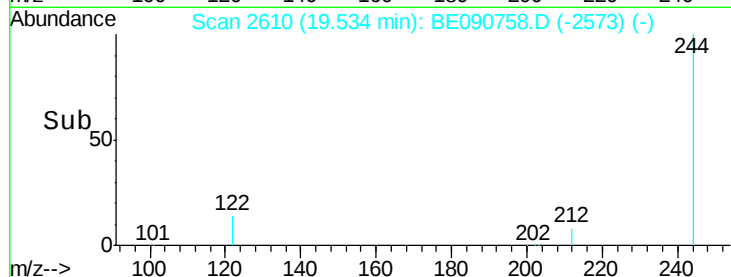
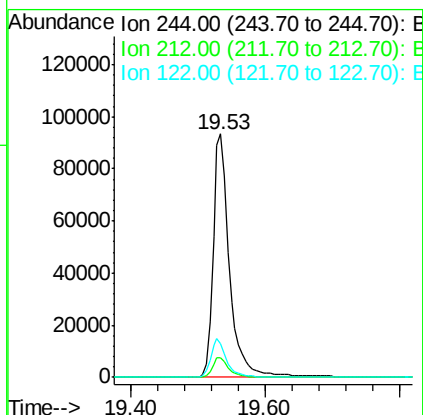
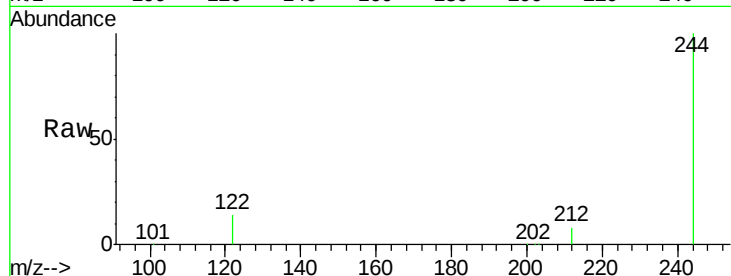




#27
 Terphenyl-d14
 Concen: 5.15 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

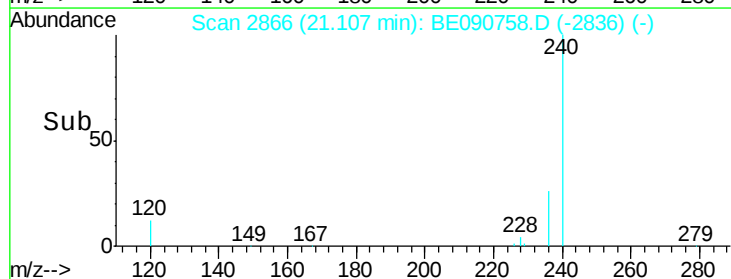
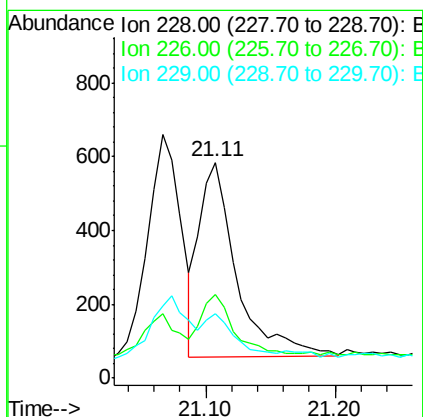
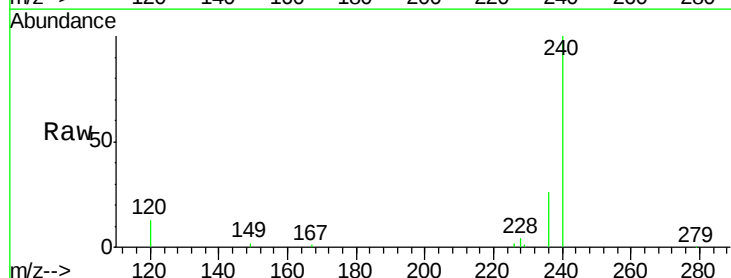
Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

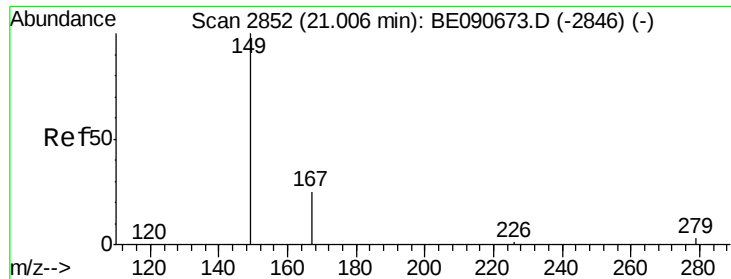
Tot Ion:244 Resp: 156720
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 14.0 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.11 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Tgt Ion:228 Resp: 1053
 Ion Ratio Lower Upper
 228 100
 226 39.0 24.2 36.4#
 229 29.6 15.3 22.9#

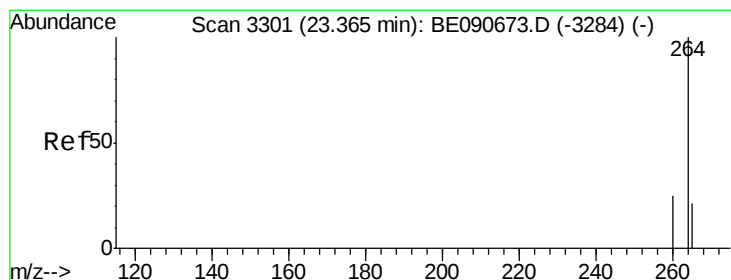
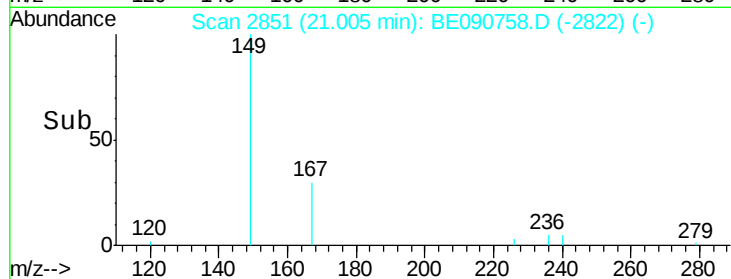
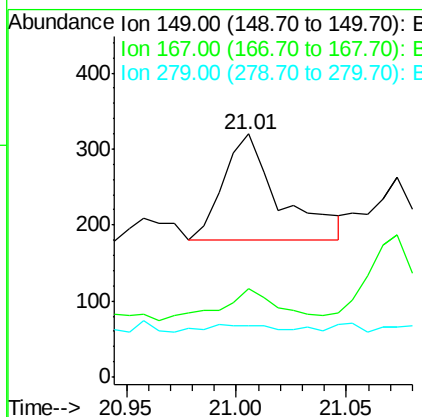
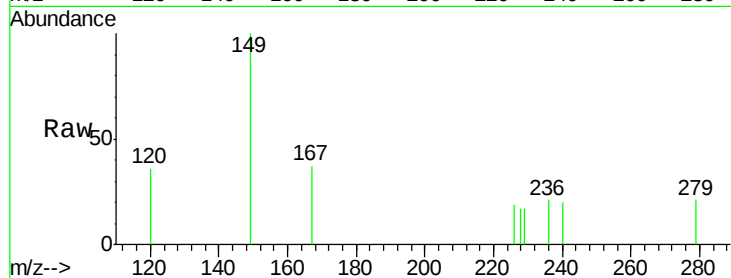




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.01 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

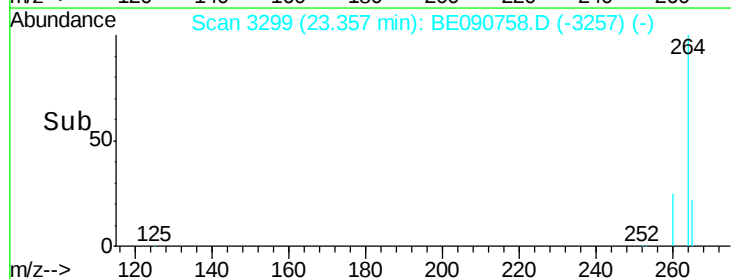
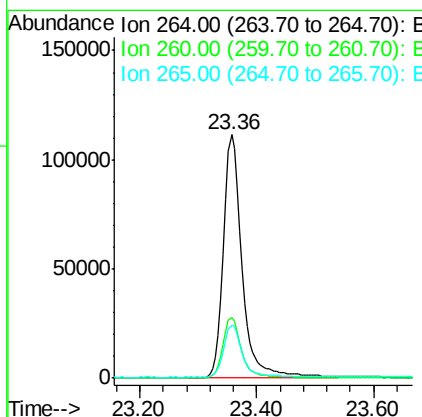
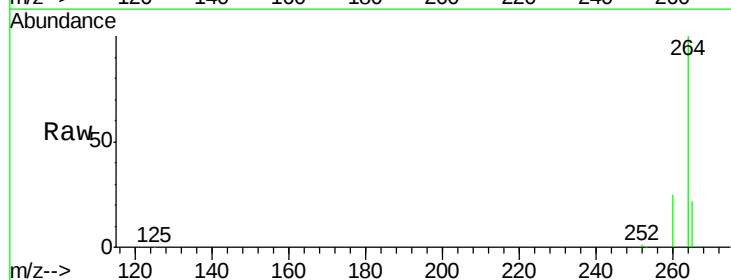
Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

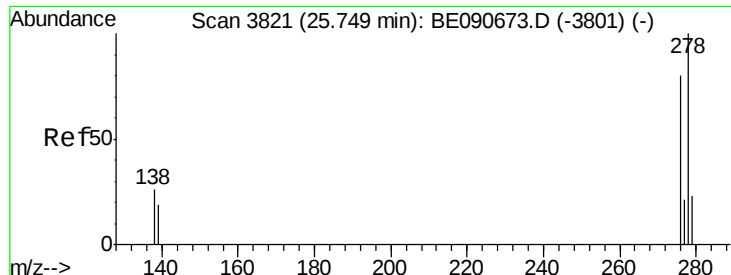
Tot Ion:149 Resp: 245
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.1 30.1
 279 8.6 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Tgt Ion:264 Resp: 245415
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 22.0 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090758.D

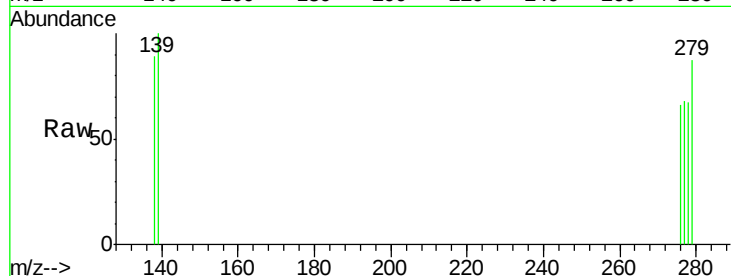
Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL



Tot Ion:	278	Resp:	4
Ion	Ratio	Lower	Upper
278	100		
139	150.0	15.4	23.0#
279	130.0	18.8	28.2#

