

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
 Data File : BE089418.D
 Acq On : 29 Jan 2015 17:45
 Operator : TP/IZ
 Sample : G1110-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 30 06:11:27 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 03:48:17 2015
 Response via : Initial Calibration

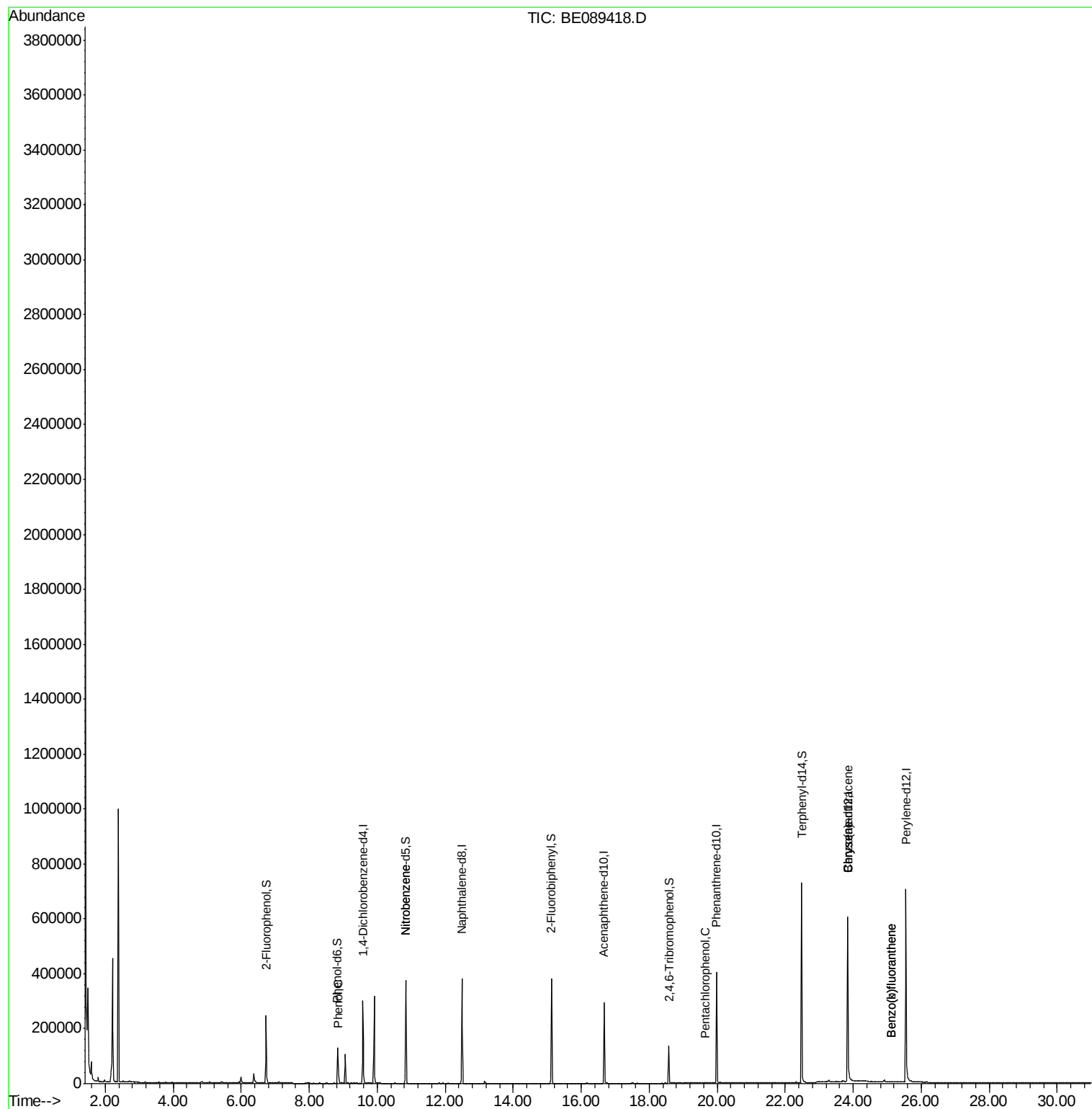
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	124498	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	431102	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	183230	5.00	ng	0.00
17) Phenanthrene-d10	19.98	188	376171	5.00	ng	0.00
20) Chrysene-d12	23.84	240	587418	5.00	ng	0.00
27) Perylene-d12	25.55	264	687153	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.73	112	165016	3.52	ng	0.00
4) Phenol-d6	8.85	99	115325	2.07	ng	0.00
8) Nitrobenzene-d5	10.84	82	275302	7.85	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	74441	14.72	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	353173	6.91	ng	0.00
22) Terphenyl-d14	22.48	244	621597	9.15	ng	0.00
Target Compounds						
5) Phenol	8.87	94	17622	0.29	ng	85
9) Nitrobenzene	10.84	77	1409	0.04	ng	# 42
19) Pentachlorophenol	19.65	266	422	0.12	ng	# 75
23) Benzo(a)anthracene	23.84	228	18256	0.04	ng	# 83
25) Chrysene	23.84	228	18256	0.03	ng	# 84
28) Benzo(b)fluoranthene	25.12	252	3800	0.06	ng	# 1
29) Benzo(k)fluoranthene	25.12	252	3800	0.02	ng	# 1

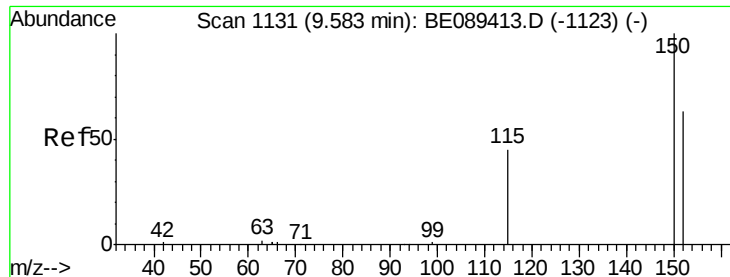
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012915\
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ALS Vial : 17 Sample Multiplier: 1

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Quant Time: Jan 30 06:11:27 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. -0.00 min

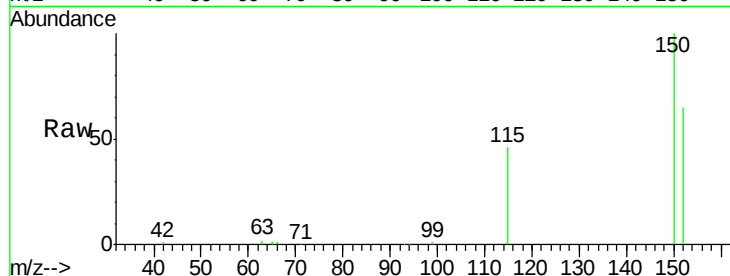
Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :



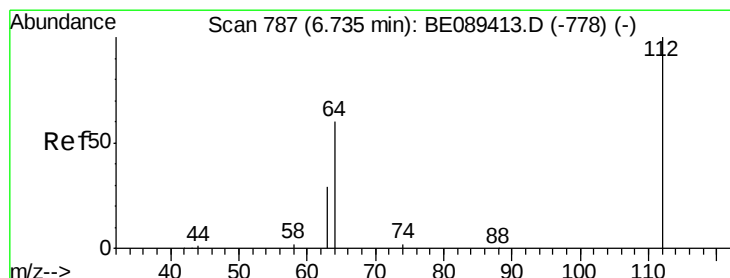
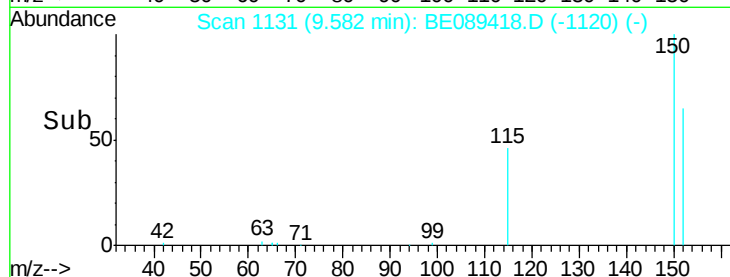
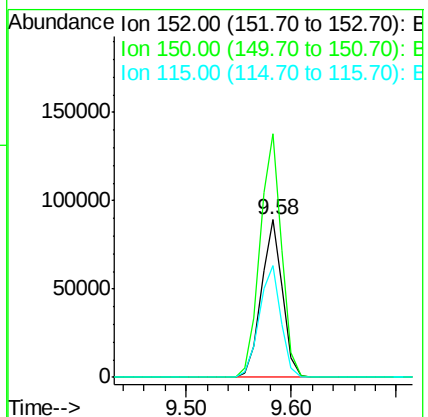
Tgt Ion:152 Resp: 124498

Ion Ratio Lower Upper

152 100

150 154.7 126.1 189.1

115 71.3 57.1 85.7



#3

2-Fluorophenol

Concen: 3.52 ng

RT: 6.73 min Scan# 786

Delta R.T. -0.01 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

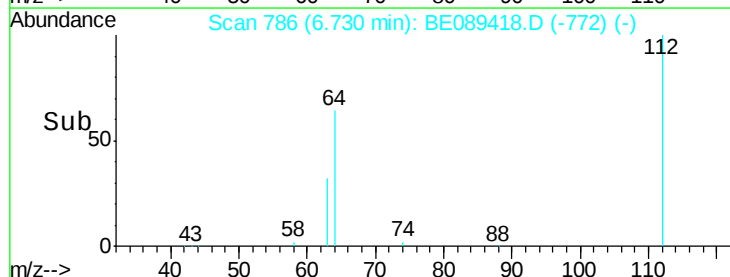
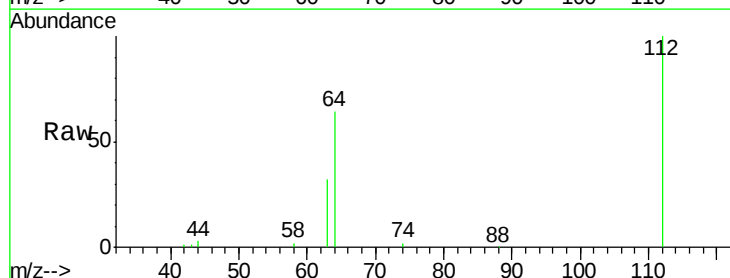
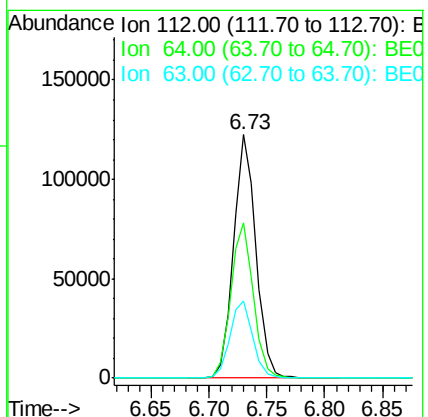
Tgt Ion:112 Resp: 165016

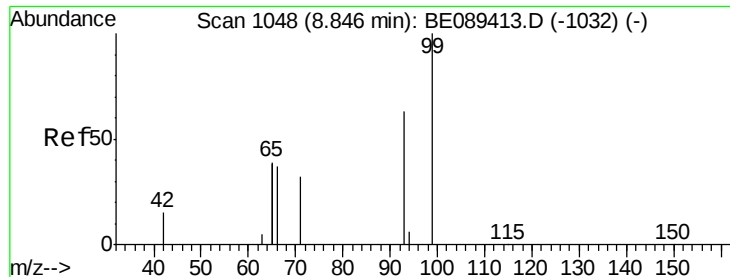
Ion Ratio Lower Upper

112 100

64 63.8 48.2 72.4

63 31.6 23.5 35.3





#4

Phenol-d6

Concen: 2.07 ng

RT: 8.85 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :

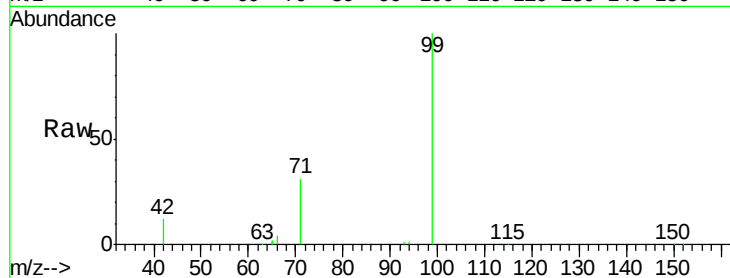
Tgt Ion: 99 Resp: 115325

Ion Ratio Lower Upper

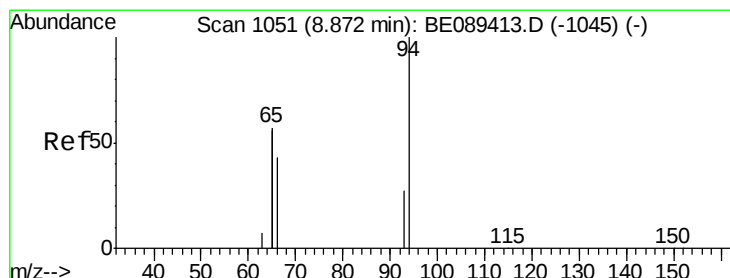
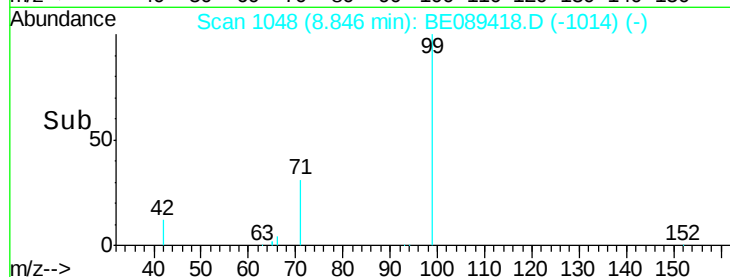
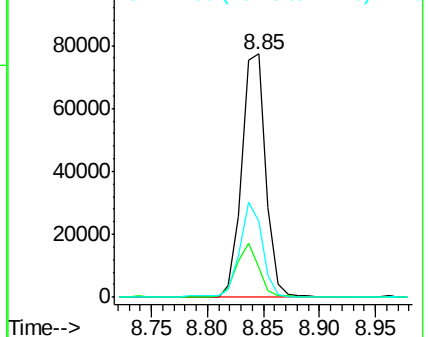
99 100

42 12.2 11.9 17.9

71 31.0 25.8 38.6



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



#5

Phenol

Concen: 0.29 ng

RT: 8.87 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

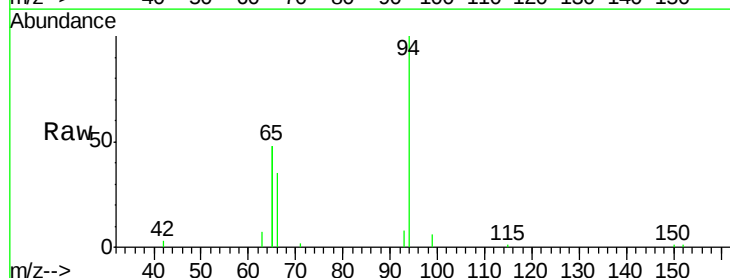
Tgt Ion: 94 Resp: 17622

Ion Ratio Lower Upper

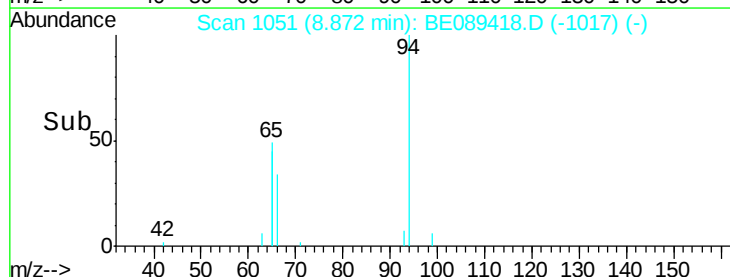
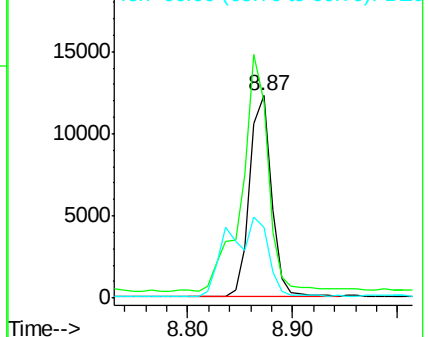
94 100

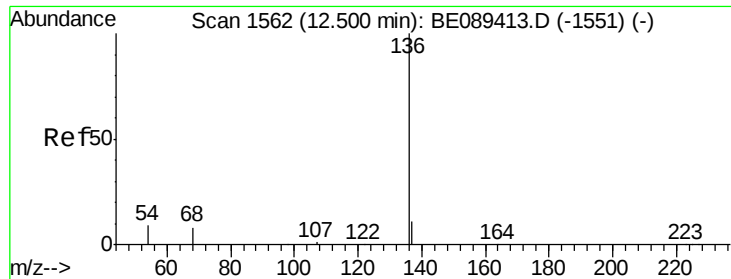
65 96.8 93.3 133.3

66 34.9 23.6 63.6



Abundance Ion 94.00 (93.70 to 94.70): BE0
Ion 65.00 (64.70 to 65.70): BE0
Ion 66.00 (65.70 to 66.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.50 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :

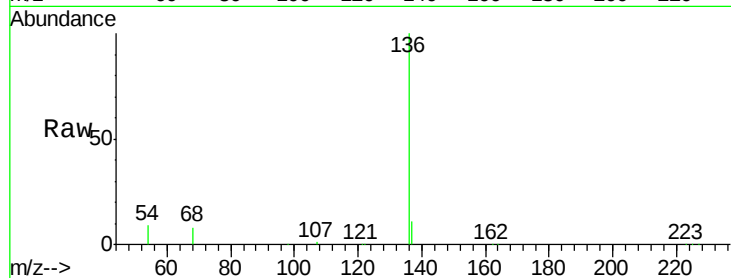
Tgt Ion: 136 Resp: 431102

Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

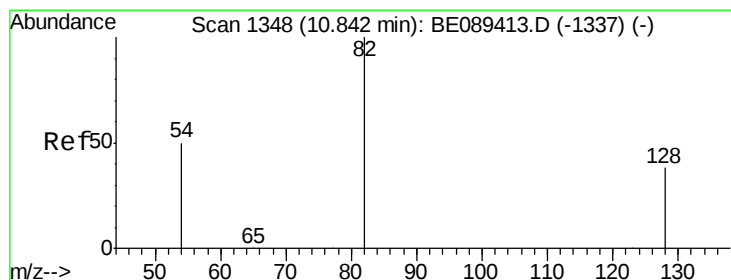
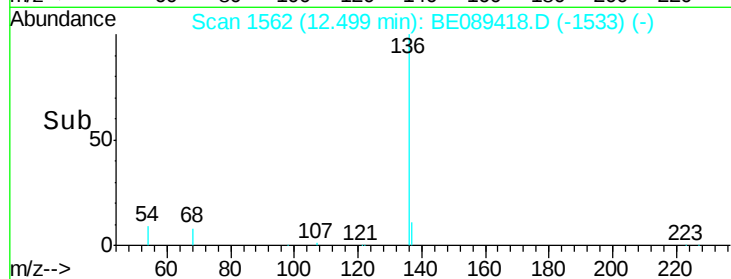
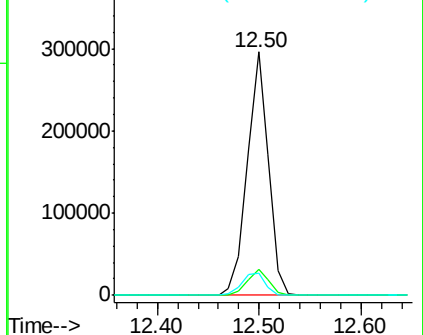
54 9.2 7.5 11.3



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



#8

Nitrobenzene-d5

Concen: 7.85 ng

RT: 10.84 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

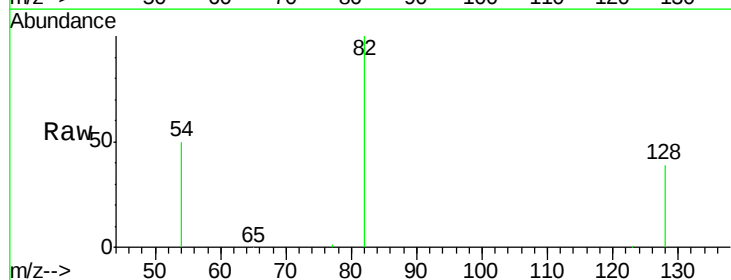
Tgt Ion: 82 Resp: 275302

Ion Ratio Lower Upper

82 100

128 39.4 31.0 46.4

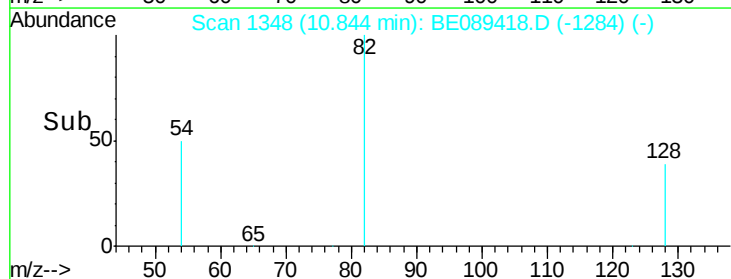
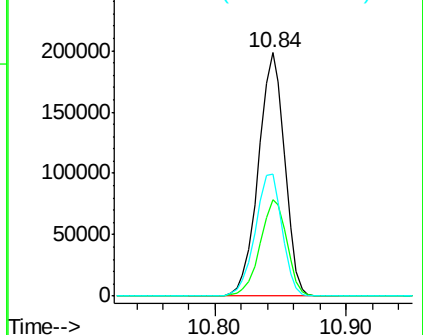
54 50.1 39.8 59.6

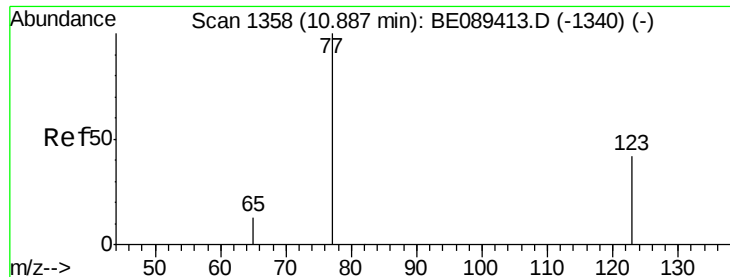


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.04 ng

RT: 10.84 min Scan# 1348

Delta R.T. -0.04 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :

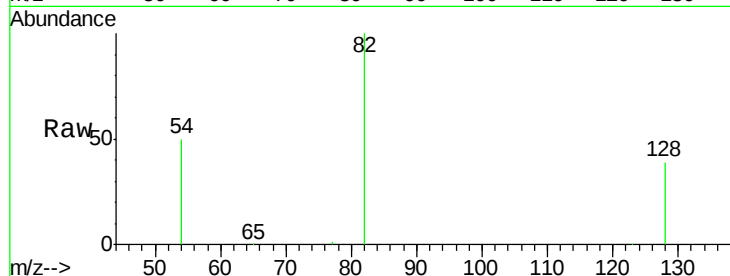
Tgt Ion: 77 Resp: 1409

Ion Ratio Lower Upper

77 100

123 1.0 32.8 49.2#

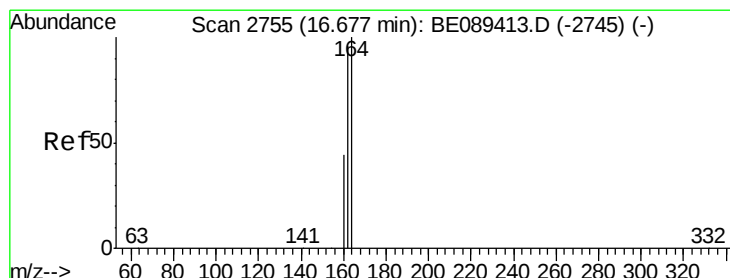
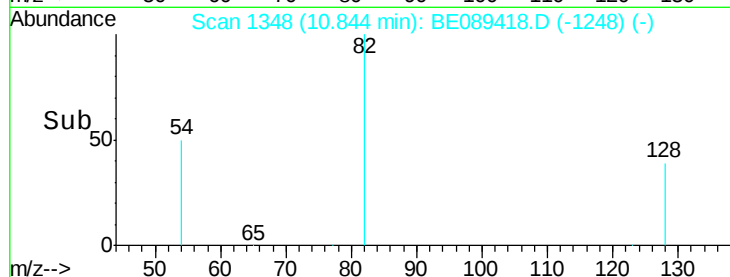
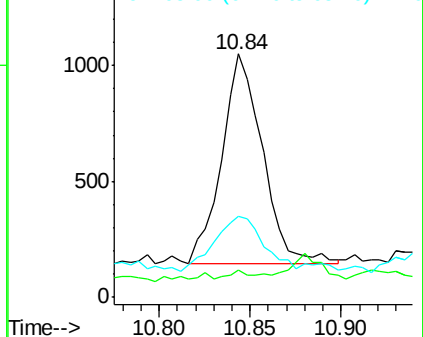
65 30.7 11.0 16.6#



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.68 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

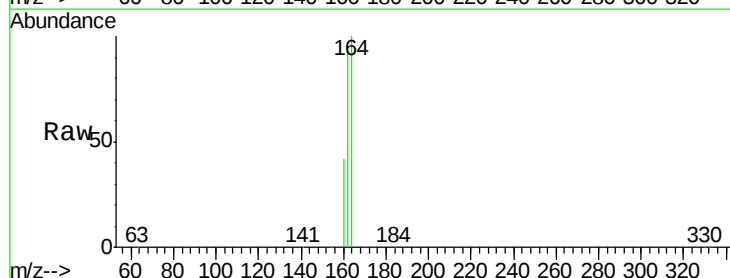
Tgt Ion: 164 Resp: 183230

Ion Ratio Lower Upper

164 100

162 93.5 77.0 115.6

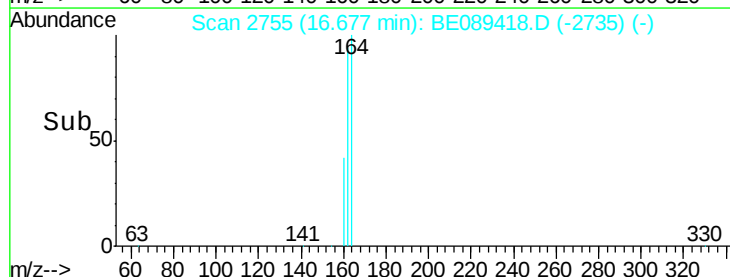
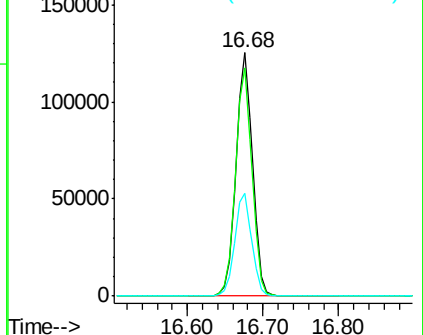
160 42.1 35.0 52.4

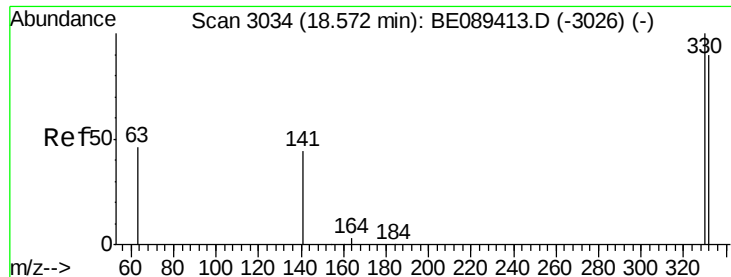


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

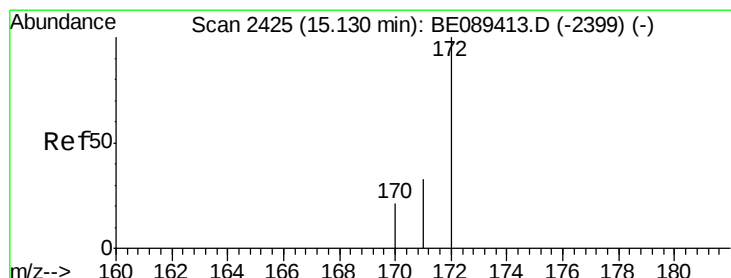
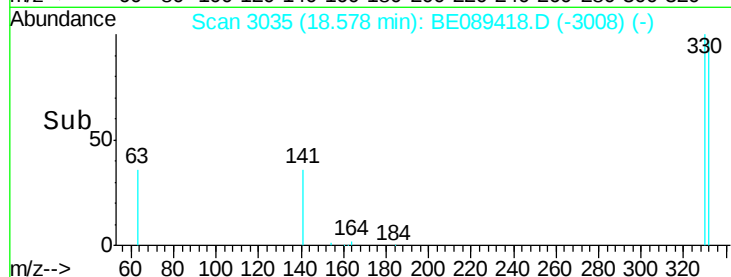
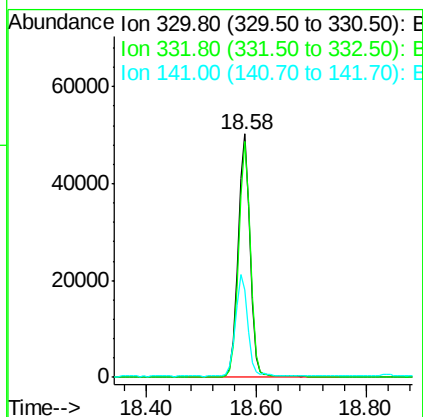
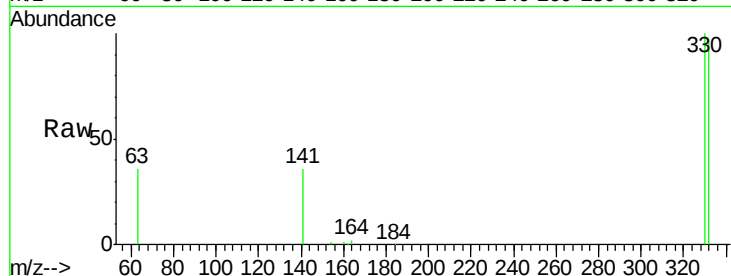




#14
 2,4,6-Tribromophenol
 Concen: 14.72 ng
 RT: 18.58 min Scan# 3035
 Delta R.T. 0.01 min
 Lab File: BE089418.D
 Acq: 29 Jan 2015 17:45

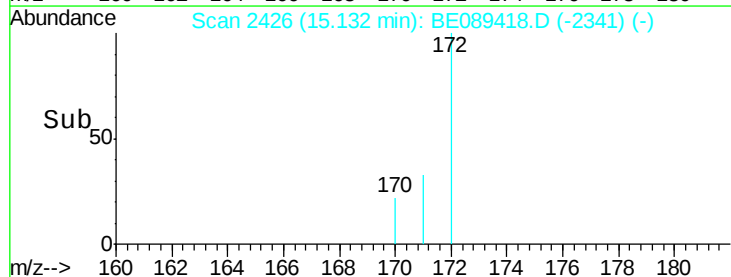
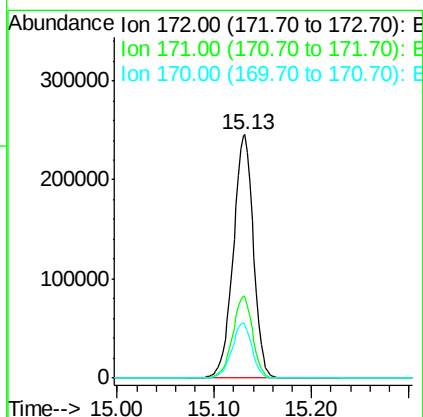
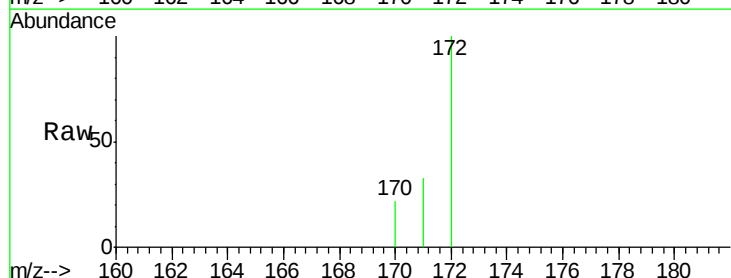
Instrument :
 BNA_E
 ClientSampleId :

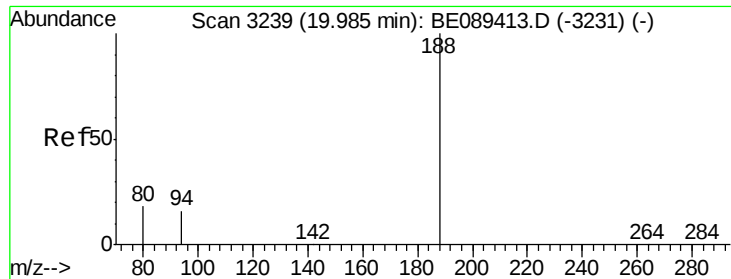
Tgt Ion: 330 Resp: 74441
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 43.1 35.6 53.4



#15
 2-Fluorobiphenyl
 Concen: 6.91 ng
 RT: 15.13 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE089418.D
 Acq: 29 Jan 2015 17:45

Tgt Ion: 172 Resp: 353173
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.6 39.8
 170 21.7 17.1 25.7

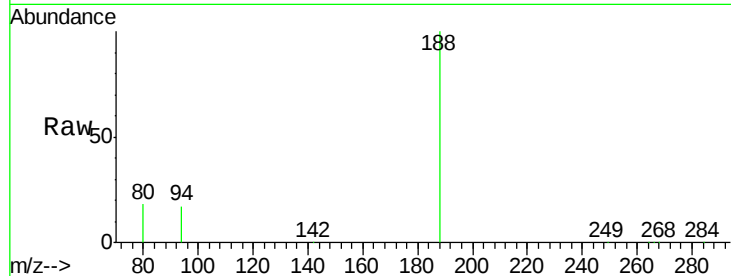




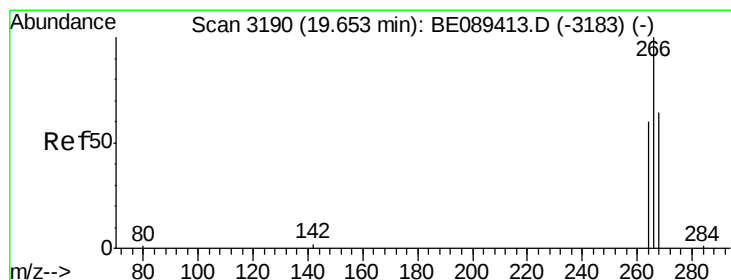
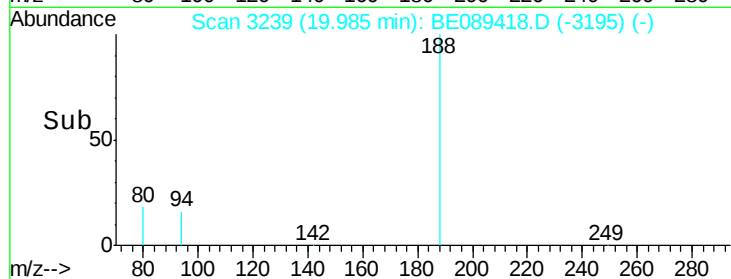
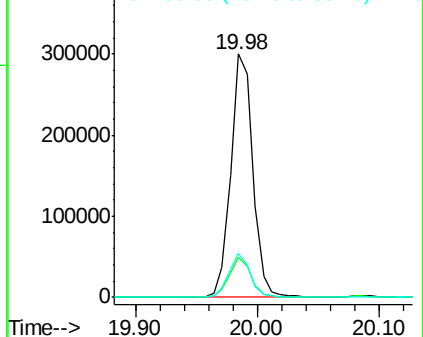
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.98 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BE089418.D
Acq: 29 Jan 2015 17:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 376171
Ion Ratio Lower Upper
188 100
94 16.7 13.0 19.6
80 17.9 14.2 21.4

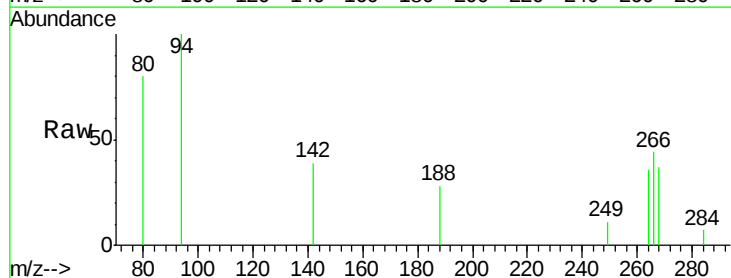


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE
Ion 80.00 (79.70 to 80.70): BE

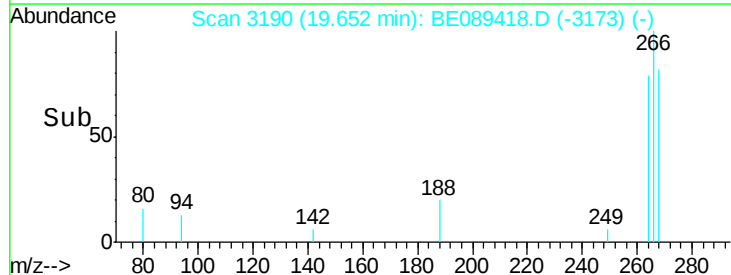
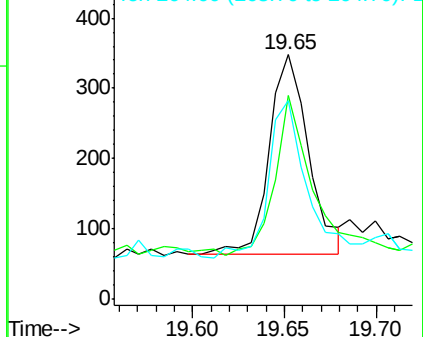


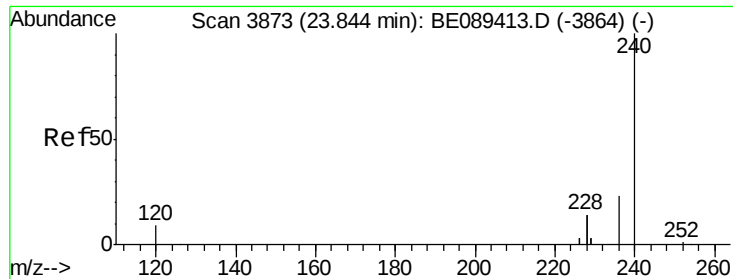
#19
Pentachlorophenol
Concen: 0.12 ng
RT: 19.65 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BE089418.D
Acq: 29 Jan 2015 17:45

Tgt Ion:266 Resp: 422
Ion Ratio Lower Upper
266 100
268 83.3 51.9 77.9#
264 81.0 48.5 72.7#



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

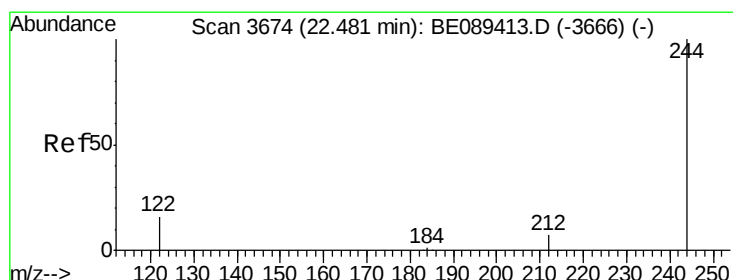
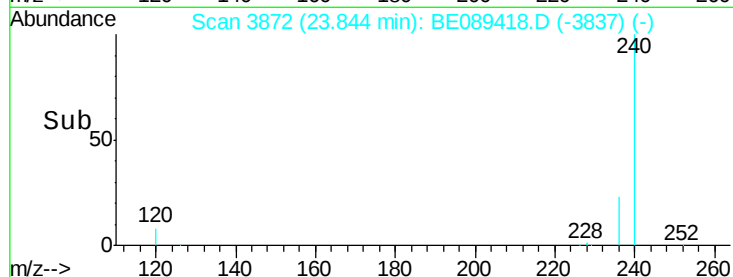
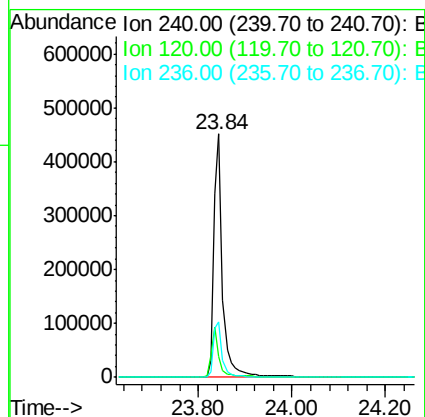
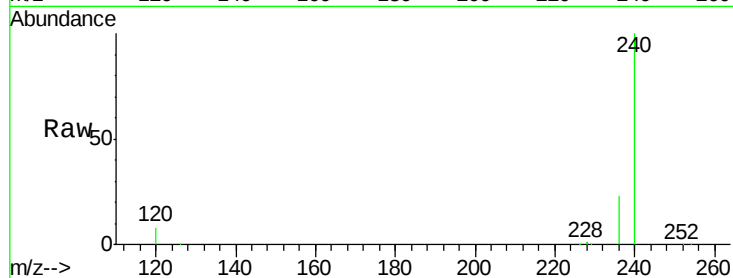




#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089418.D
Acq: 29 Jan 2015 17:45

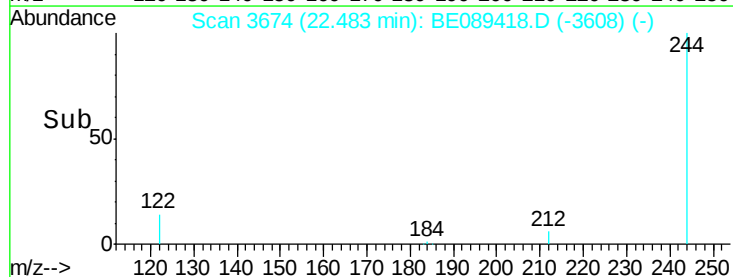
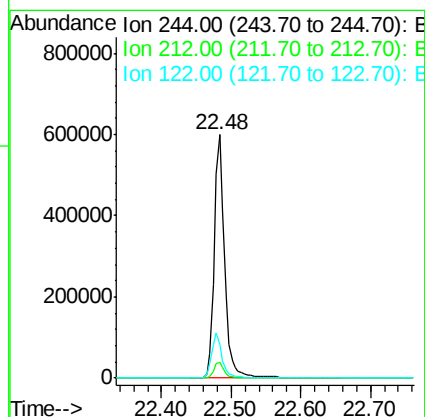
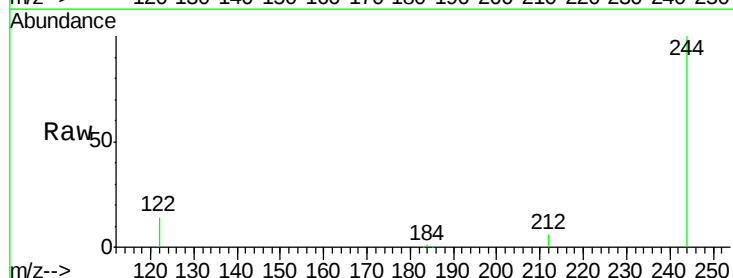
Instrument :
BNA_E
ClientSampleId :

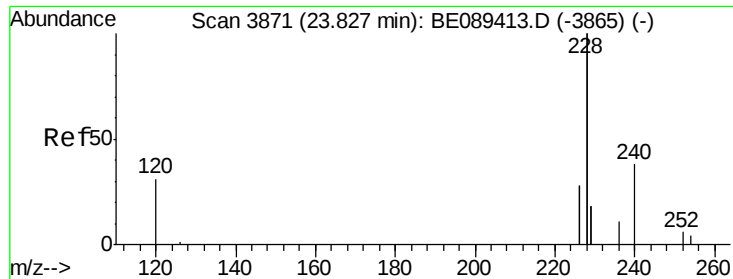
Tgt Ion:240 Resp: 587418
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 22.6 18.2 27.2



#22
Terphenyl-d14
Concen: 9.15 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089418.D
Acq: 29 Jan 2015 17:45

Tgt Ion:244 Resp: 621597
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 13.9 13.2 19.8





#23

Benzo(a)anthracene

Concen: 0.04 ng

RT: 23.84 min Scan# 3871

Delta R.T. 0.01 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :

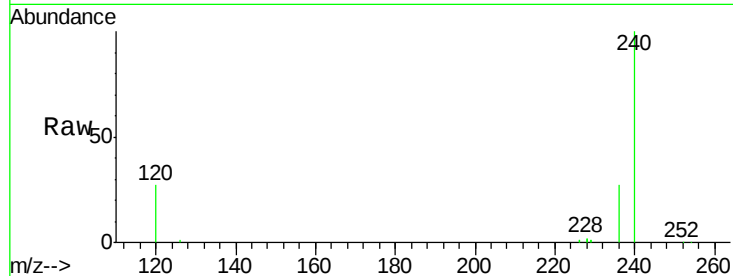
Tgt Ion:228 Resp: 18256

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

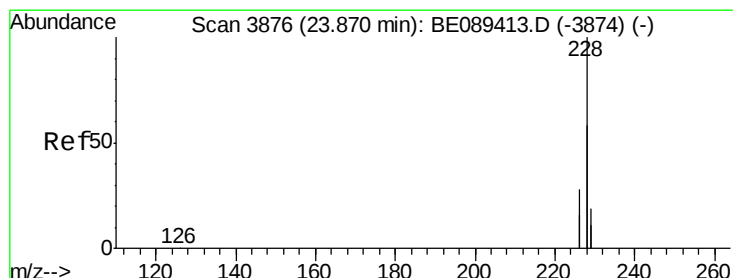
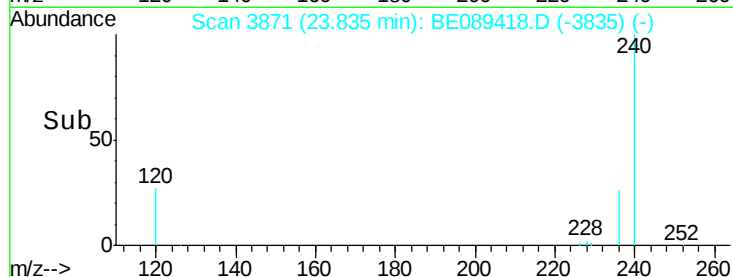
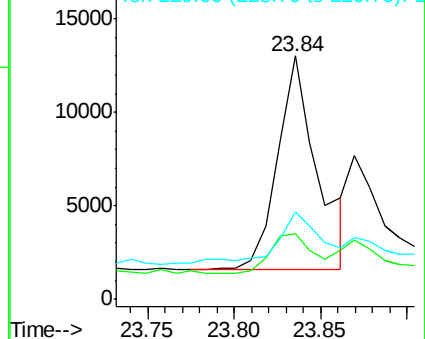
229 36.1 14.5 21.7#



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



#25

Chrysene

Concen: 0.03 ng

RT: 23.84 min Scan# 3871

Delta R.T. -0.03 min

Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

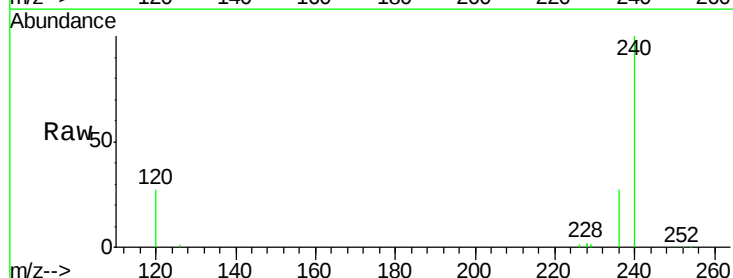
Tgt Ion:228 Resp: 18256

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

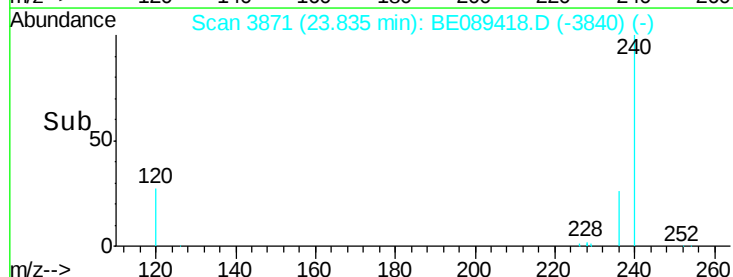
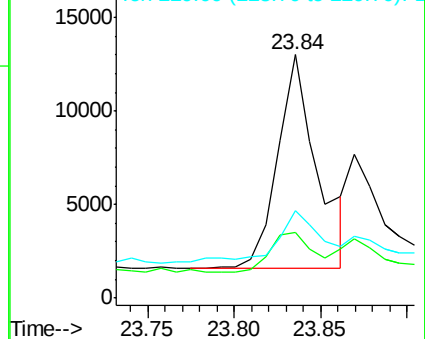
229 36.1 15.5 23.3#

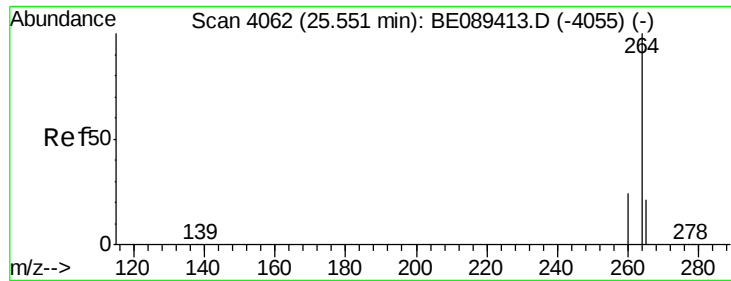


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

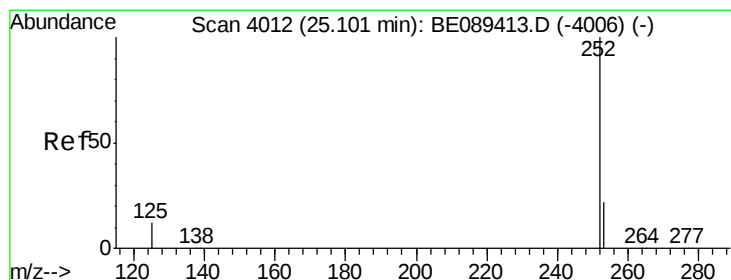
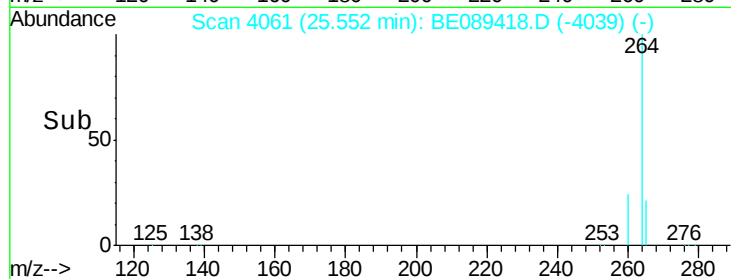
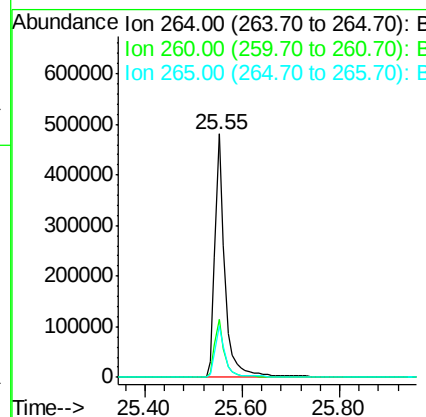
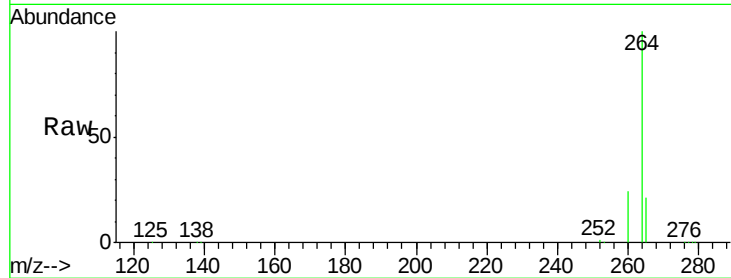




#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.55 min Scan# 4061
 Delta R.T. 0.00 min
 Lab File: BE089418.D
 Acq: 29 Jan 2015 17:45

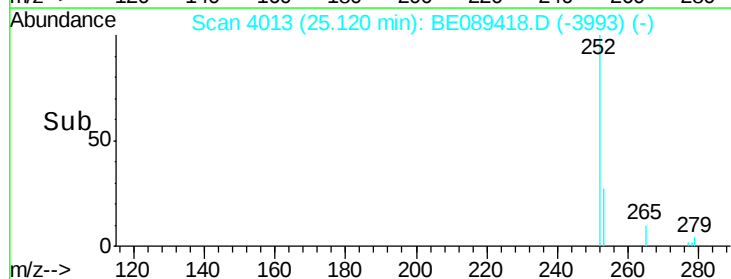
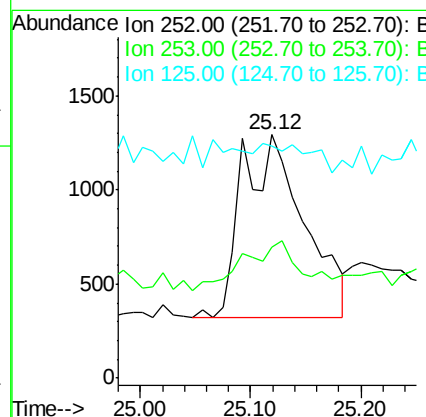
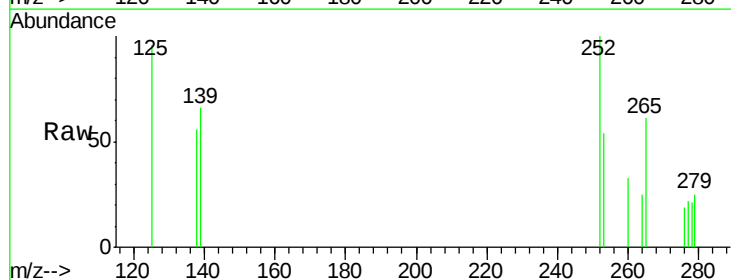
Instrument :
 BNA_E
 ClientSampleId :

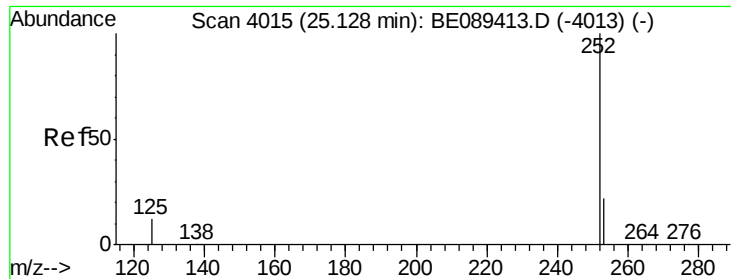
Tgt Ion: 264 Resp: 687153
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.5 17.1 25.7



#28
 Benzo(b)fluoranthene
 Concen: 0.06 ng
 RT: 25.12 min Scan# 4013
 Delta R.T. 0.02 min
 Lab File: BE089418.D
 Acq: 29 Jan 2015 17:45

Tgt Ion: 252 Resp: 3800
 Ion Ratio Lower Upper
 252 100
 253 53.7 17.6 26.4#
 125 95.6 10.5 15.7#





#29

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 25.12 min Scan# 4013

Delta R.T. -0.01 min

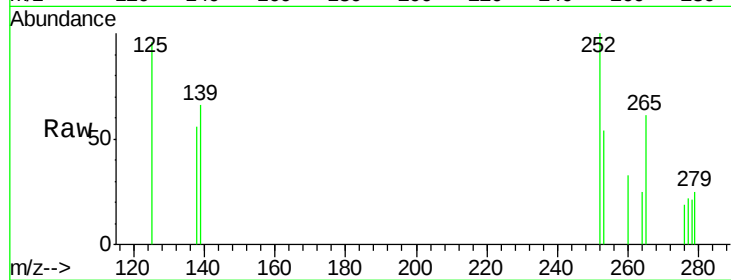
Lab File: BE089418.D

Acq: 29 Jan 2015 17:45

Instrument :

BNA_E

ClientSampleId :



Tgt Ion: 252 Resp: 3800

Ion Ratio Lower Upper

252 100

253 53.7 17.4 26.2#

125 95.6 11.0 16.6#

