

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090145.D
 Acq On : 17 Jul 2015 7:42
 Operator : TP/IZ
 Sample : G2948-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-01-071515

Quant Time: Jul 17 08:37:58 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 04:05:30 2015
 Response via : Initial Calibration

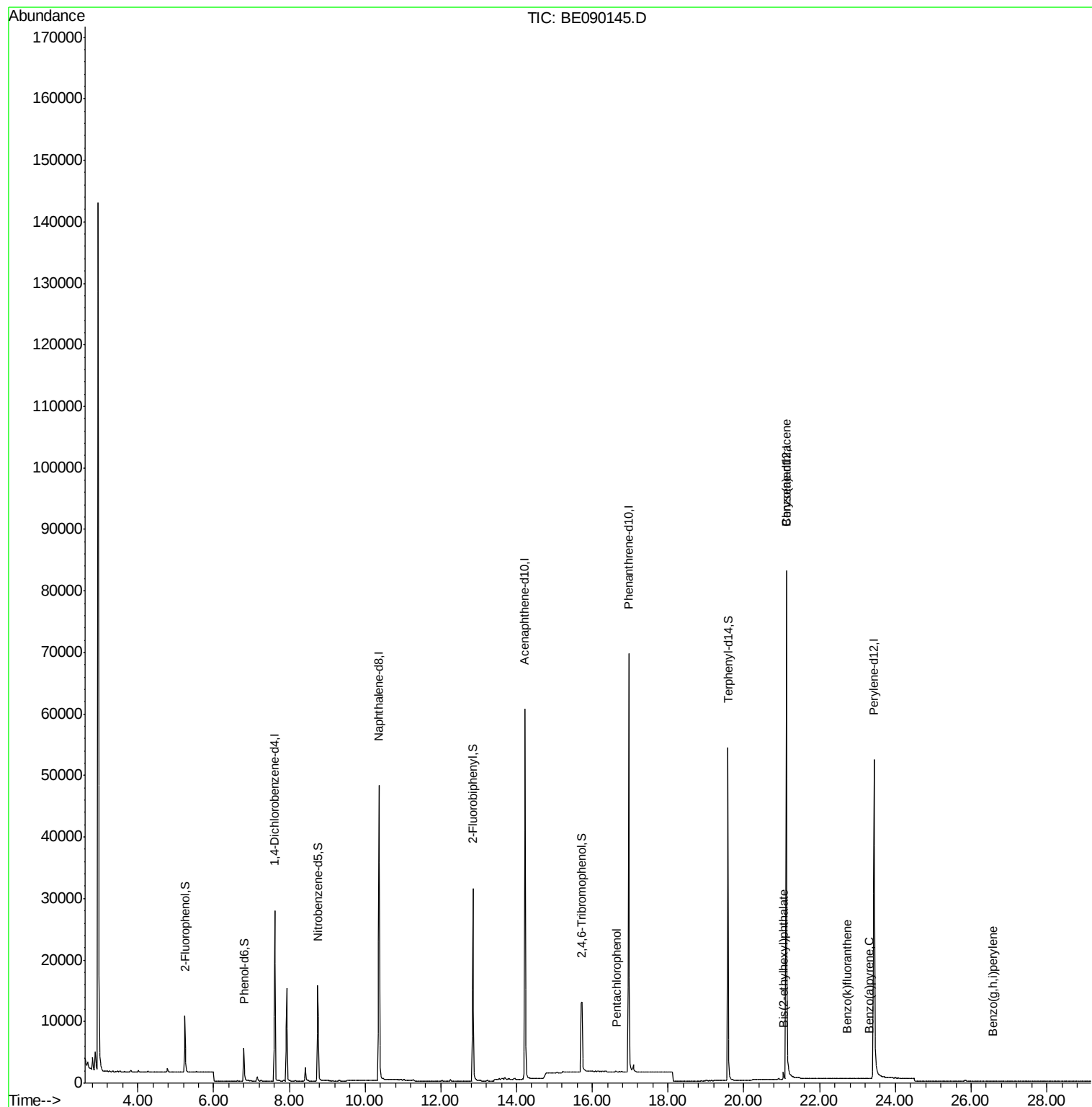
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13297	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	64687	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	37054	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	83543	5.00	ng	0.00
25) Chrysene-d12	21.12	240	87268	5.00	ng	0.00
32) Perylene-d12	23.44	264	78321	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	6976	2.45	ng	0.00
5) Phenol-d6	6.80	99	6290	1.56	ng	0.00
7) Nitrobenzene-d5	8.75	82	14293	2.98	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	6785	6.31	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	32760	2.87	ng	0.00
27) Terphenyl-d14	19.58	244	59427	4.06	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.63	266	87	0.71	ng	# 85
28) Benzo(a)anthracene	21.11	228	347	0.02	ng	# 69
30) Bis(2-ethylhexyl)phthalate	21.05	149	1122	0.40	ng	98
34) Benzo(k)fluoranthene	22.73	252	48	0.18	ng	# 1
35) Benzo(a)pyrene	23.33	252	48	0.40	ng	# 1
37) Benzo(g,h,i)perylene	26.57	276	34	0.37	ng	# 1

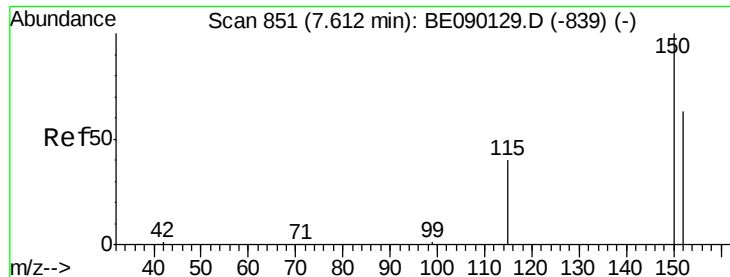
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

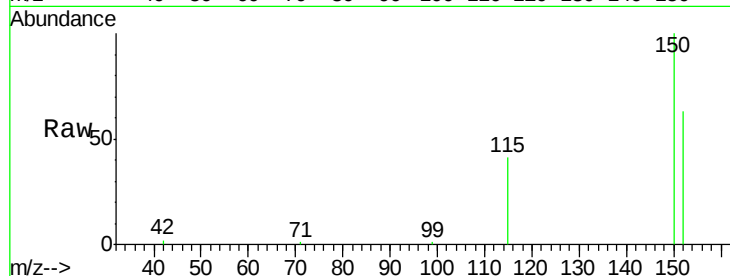
Tgt Ion:152 Resp: 13297

Ion Ratio Lower Upper

152 100

150 158.1 127.3 190.9

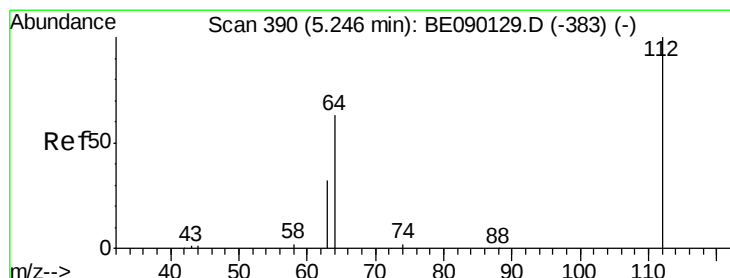
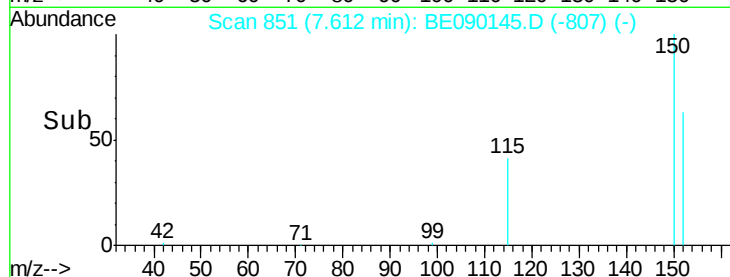
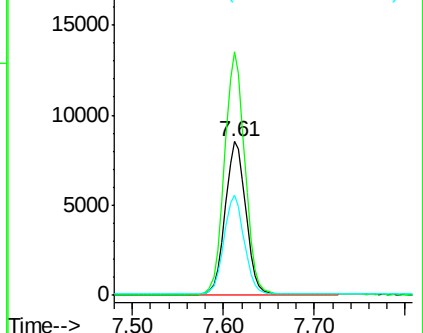
115 64.9 51.0 76.4



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



#4

2-Fluorophenol

Concen: 2.45 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

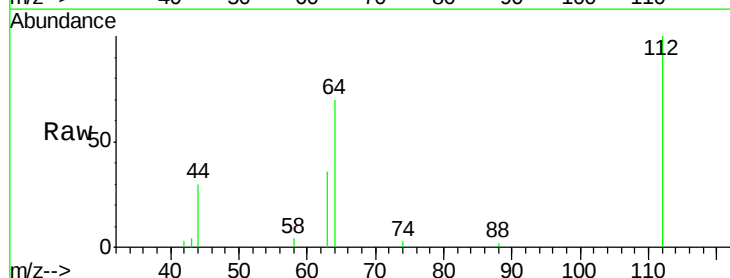
Tgt Ion:112 Resp: 6976

Ion Ratio Lower Upper

112 100

64 68.2 55.4 83.2

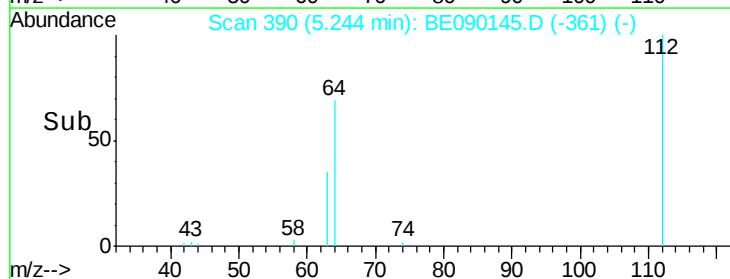
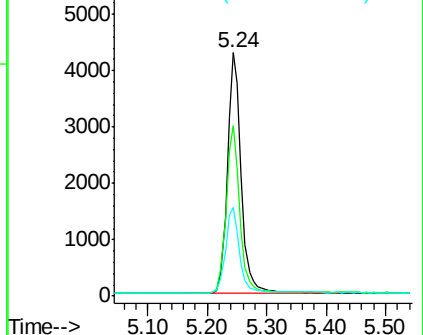
63 35.6 29.3 43.9

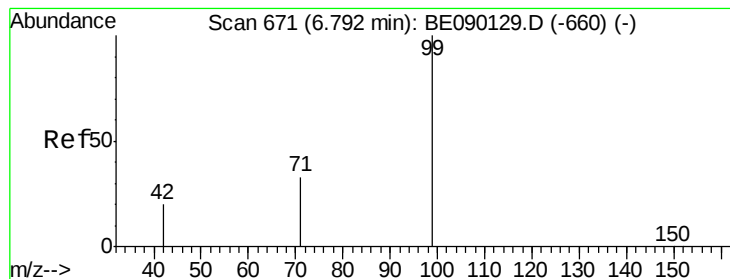


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.56 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

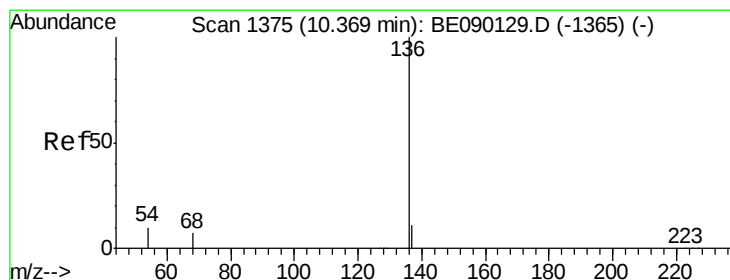
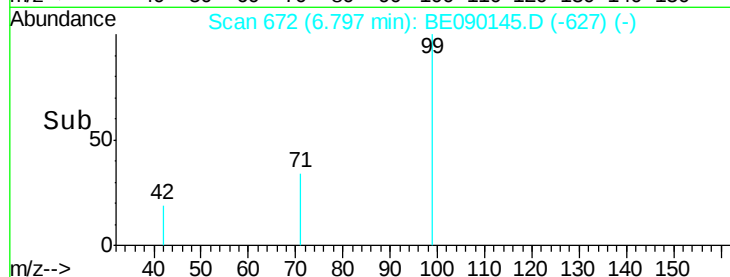
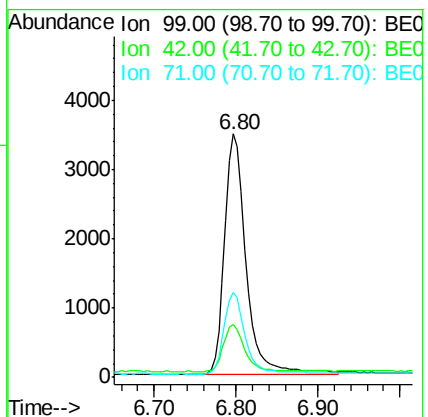
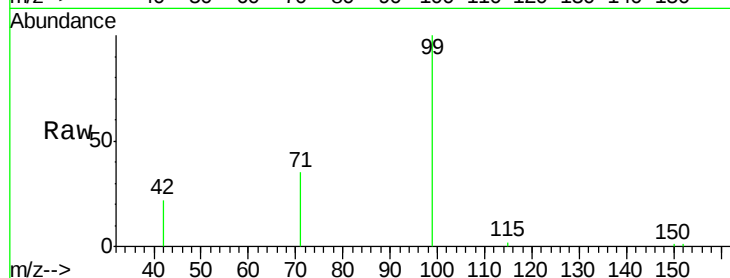
Tgt Ion: 99 Resp: 6290

Ion Ratio Lower Upper

99 100

42 19.2 16.8 25.2

71 33.1 26.6 39.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Tgt Ion: 136 Resp: 64687

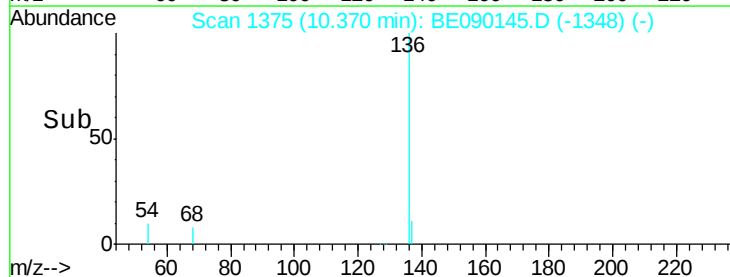
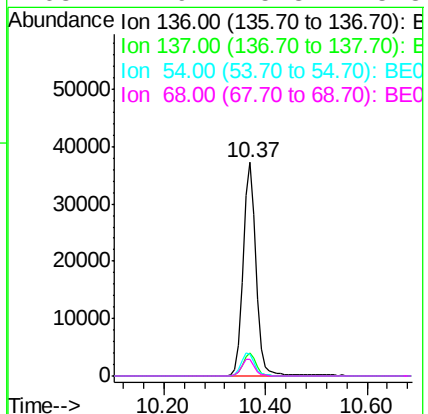
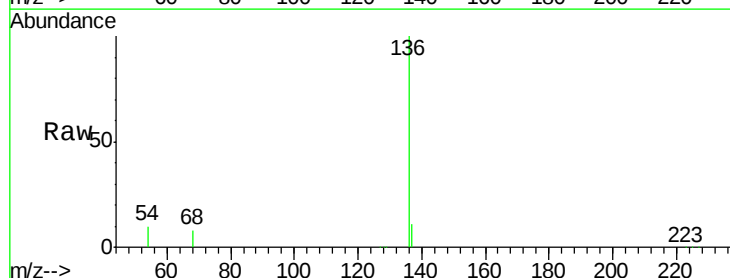
Ion Ratio Lower Upper

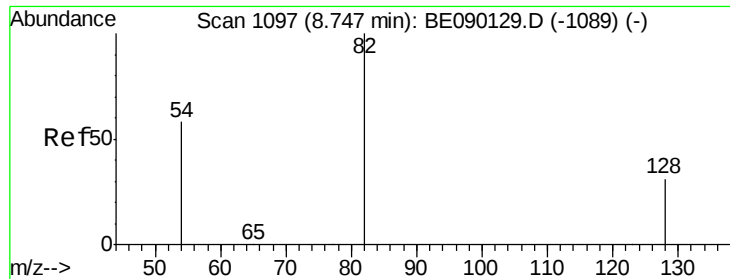
136 100

137 11.0 8.9 13.3

54 10.3 7.8 11.8

68 7.9 5.8 8.8





#7

Nitrobenzene-d5

Concen: 2.98 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

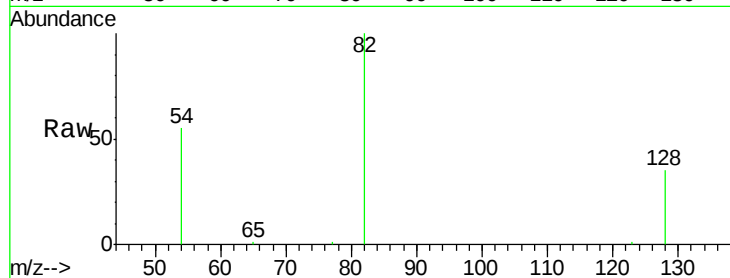
Tgt Ion: 82 Resp: 14293

Ion Ratio Lower Upper

82 100

128 35.4 26.2 39.2

54 54.8 47.1 70.7



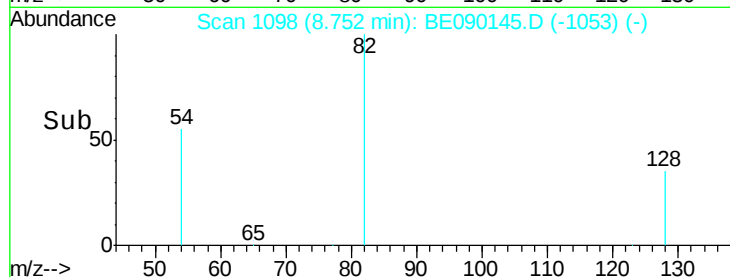
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

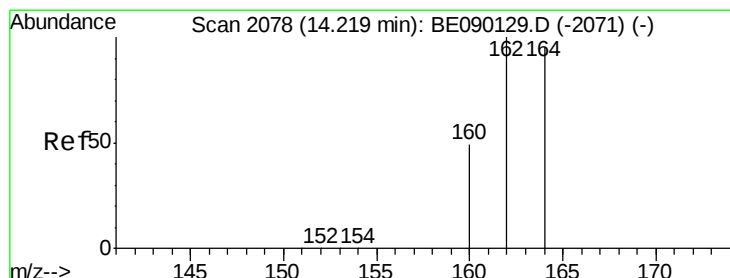
Ion 54.00 (53.70 to 54.70): BE0

8.75

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

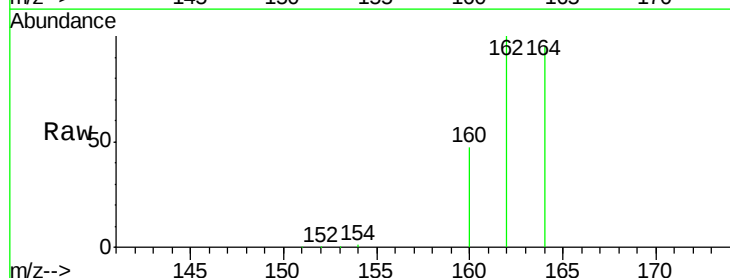
Tgt Ion: 164 Resp: 37054

Ion Ratio Lower Upper

164 100

162 105.4 84.0 126.0

160 49.4 41.1 61.7



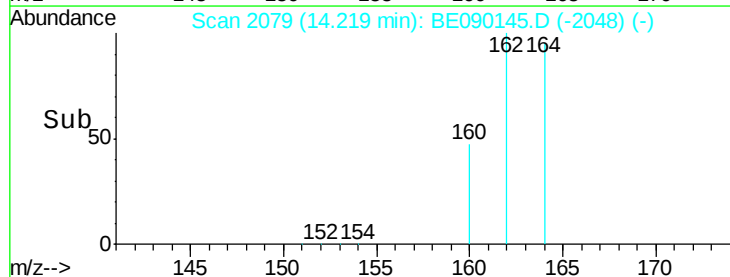
Abundance Ion 164.00 (163.70 to 164.70): E

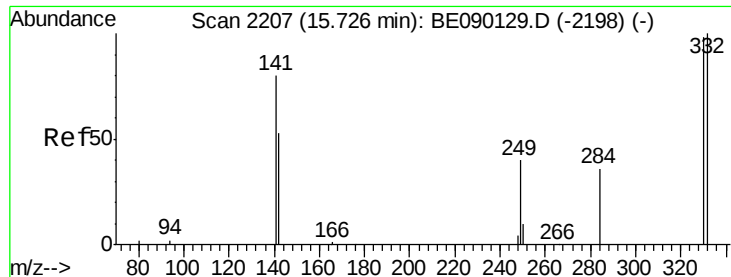
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.22

Time-->

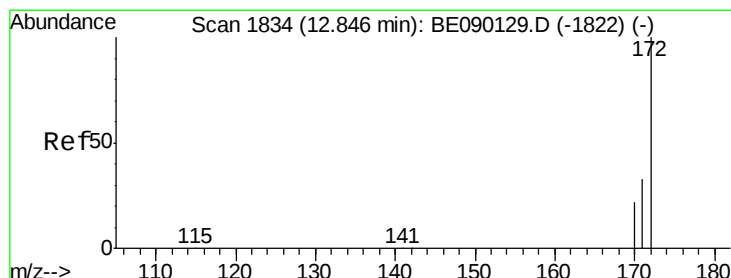
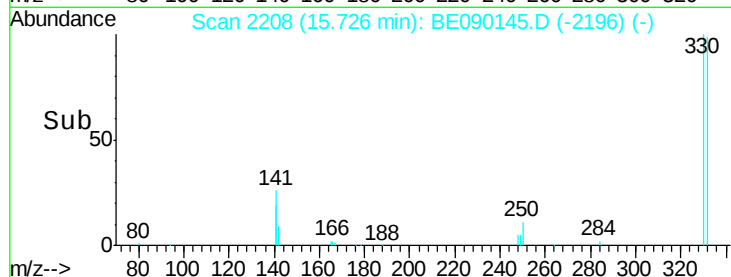
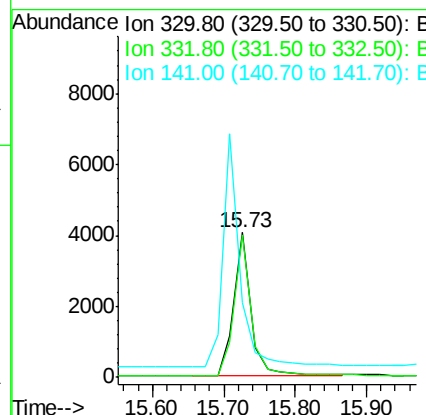
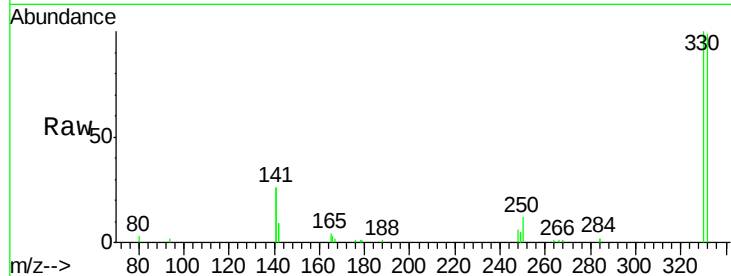




#13
 2,4,6-Tribromophenol
 Concen: 6.31 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090145.D
 Acq: 17 Jul 2015 7:42

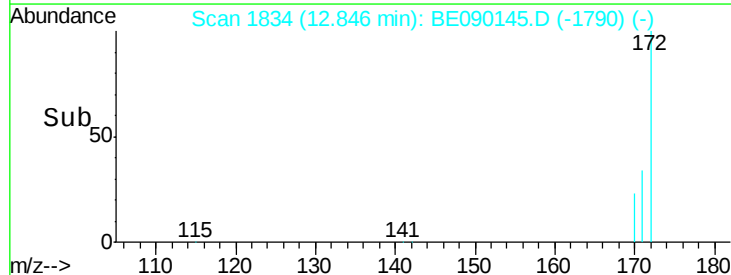
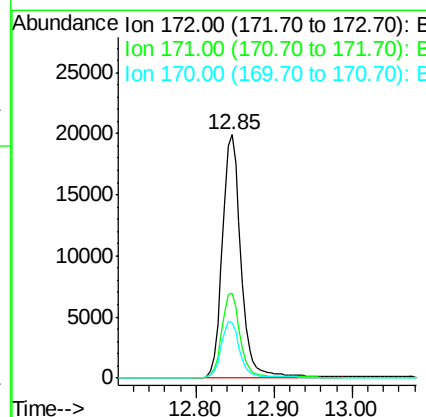
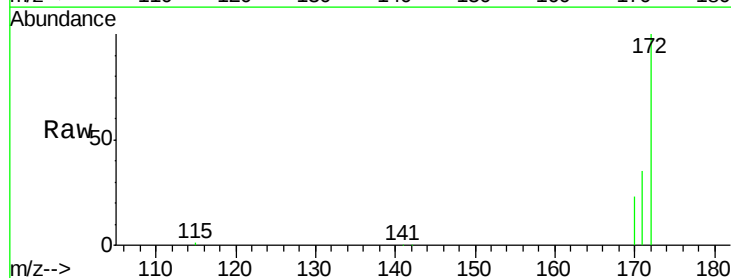
Instrument :
 BNA_E
 ClientSampleId :
 FB-01-071515

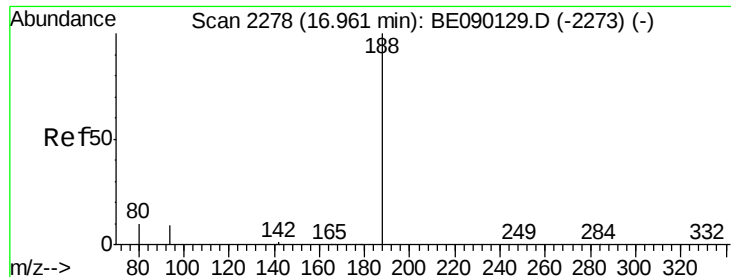
Tgt Ion: 330 Resp: 6785
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.4 119.0
 141 162.6 160.2 240.2



#14
 2-Fluorobiphenyl
 Concen: 2.87 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BE090145.D
 Acq: 17 Jul 2015 7:42

Tgt Ion: 172 Resp: 32760
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.1 40.7
 170 22.9 17.9 26.9





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

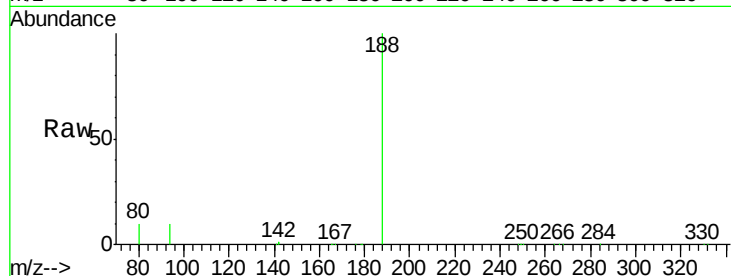
Tgt Ion:188 Resp: 83543

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

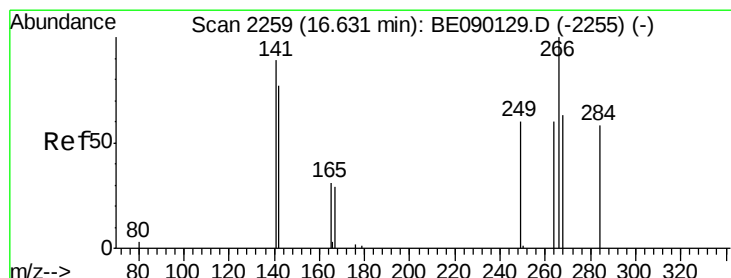
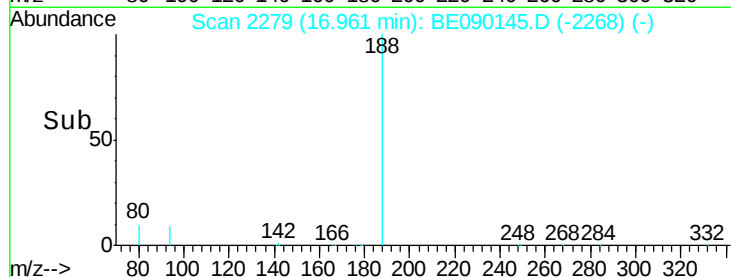
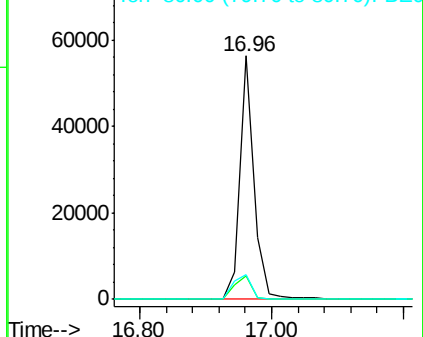
80 10.4 8.0 12.0



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



#21

Pentachlorophenol

Concen: 0.71 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

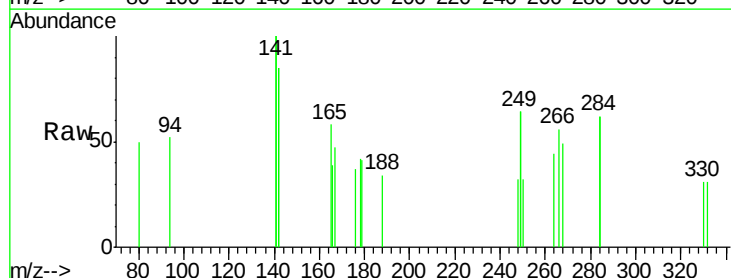
Tgt Ion:266 Resp: 87

Ion Ratio Lower Upper

266 100

268 88.0 58.2 87.2#

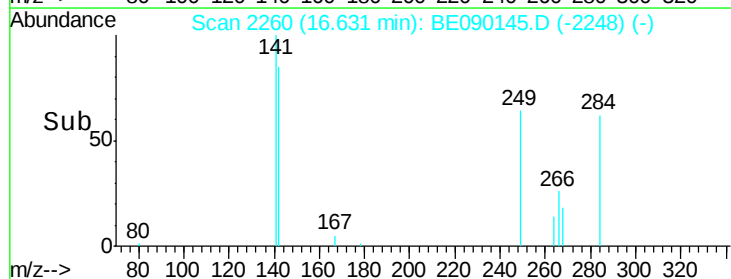
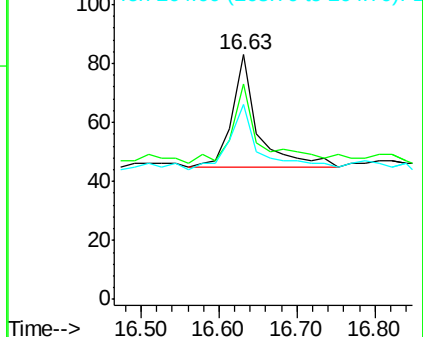
264 79.5 55.8 83.6

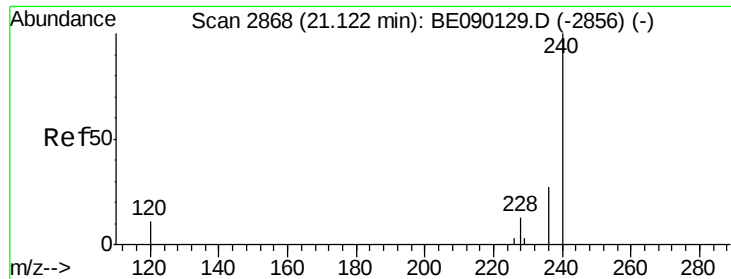


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.12 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

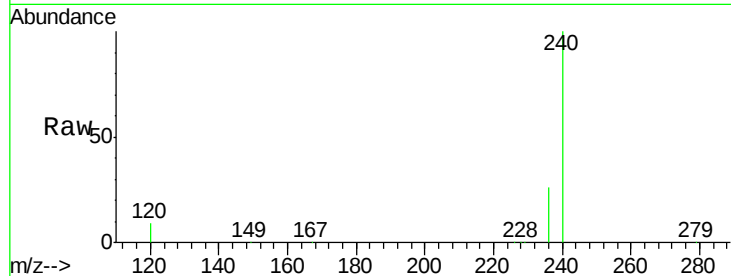
Tgt Ion:240 Resp: 87268

Ion Ratio Lower Upper

240 100

120 9.1 8.8 13.2

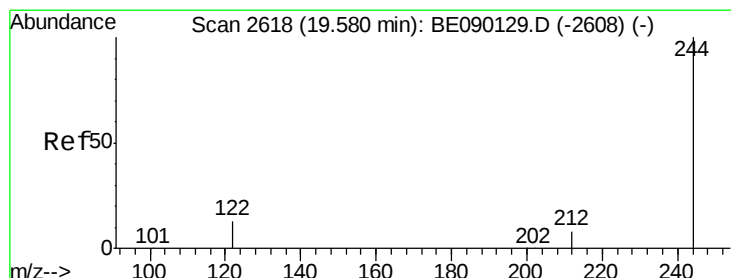
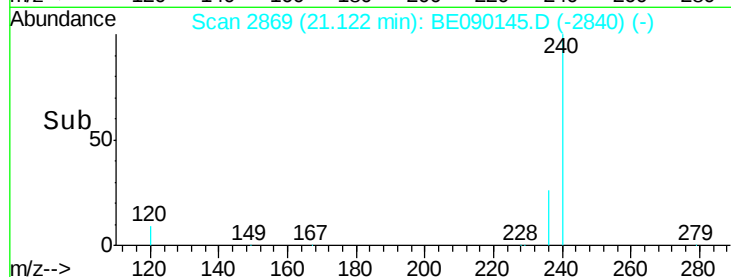
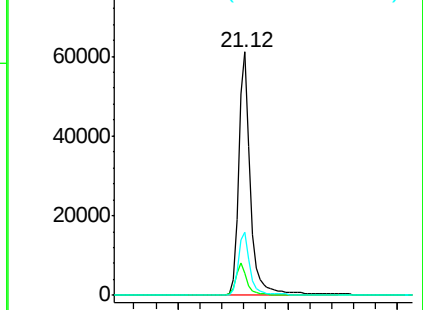
236 26.0 21.4 32.0



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: 4.06 ng

RT: 19.58 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

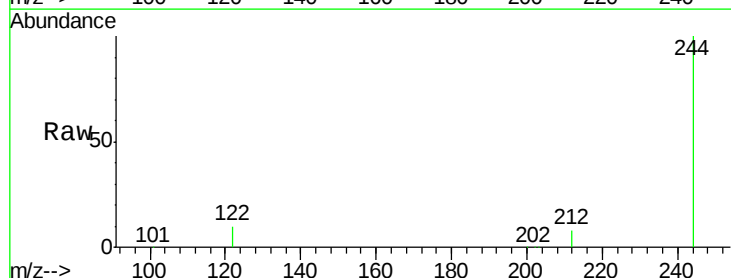
Tgt Ion:244 Resp: 59427

Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

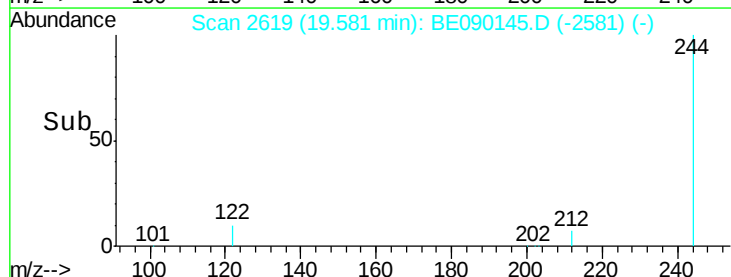
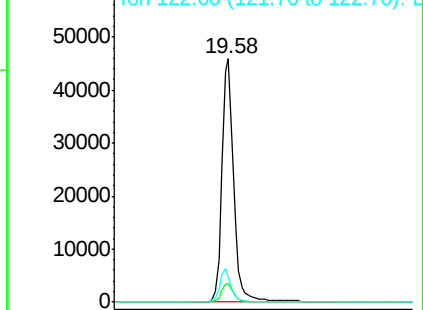
122 10.2 10.7 16.1#

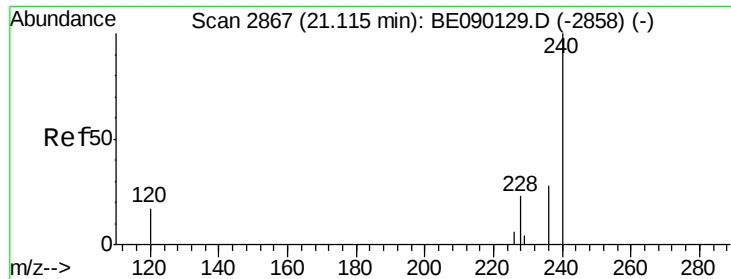


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.11 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

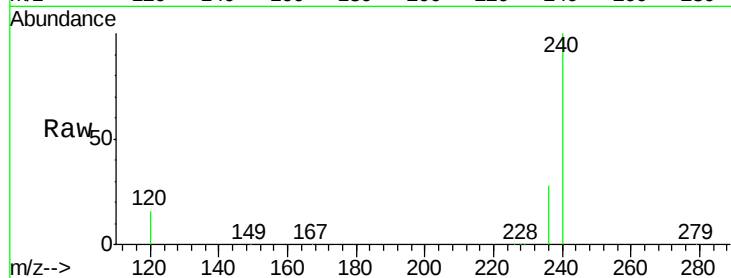
Tgt Ion:228 Resp: 347

Ion Ratio Lower Upper

228 100

226 33.9 21.3 31.9#

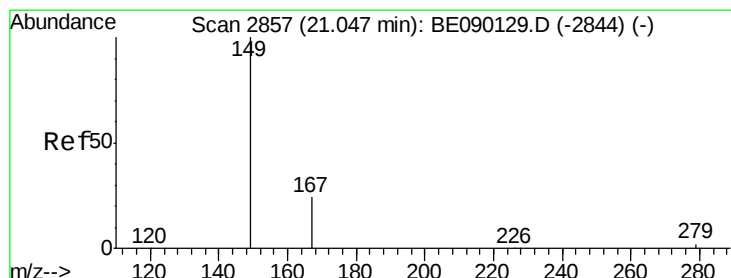
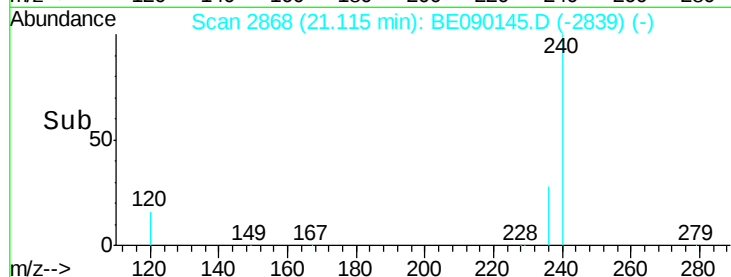
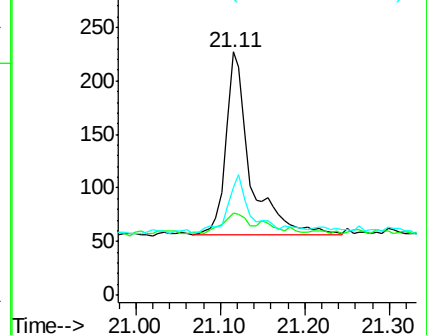
229 44.5 16.1 24.1#



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: 0.40 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

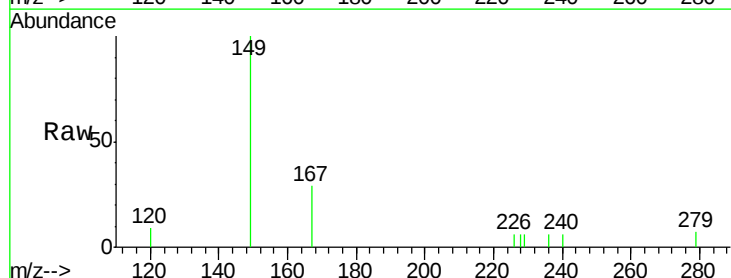
Tgt Ion:149 Resp: 1122

Ion Ratio Lower Upper

149 100

167 24.2 18.6 27.8

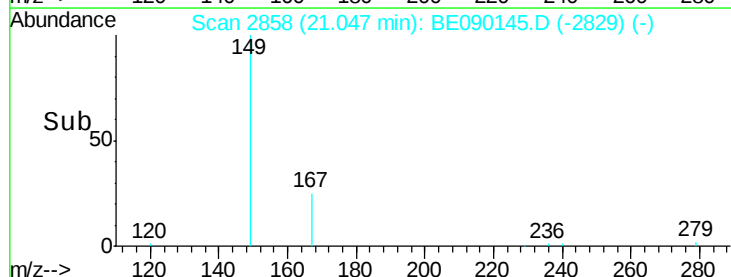
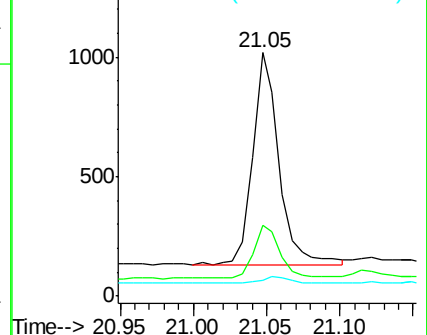
279 3.3 2.2 3.4

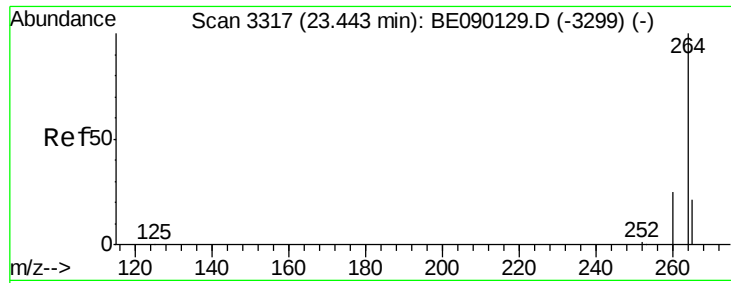


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

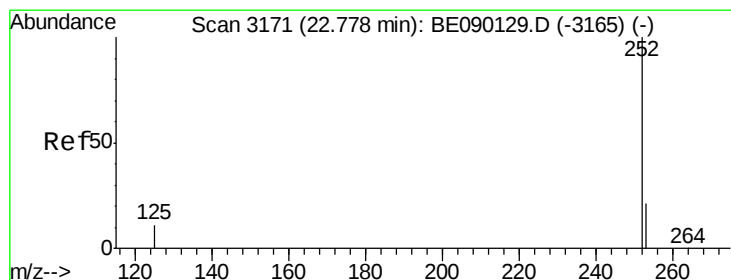
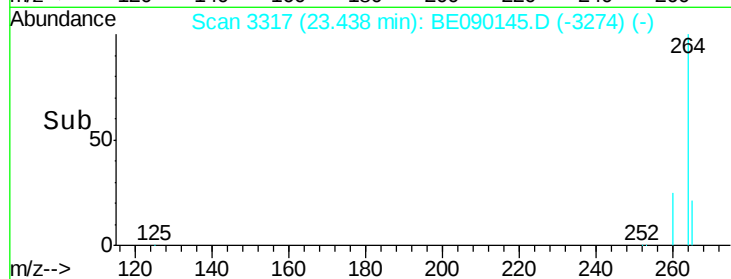
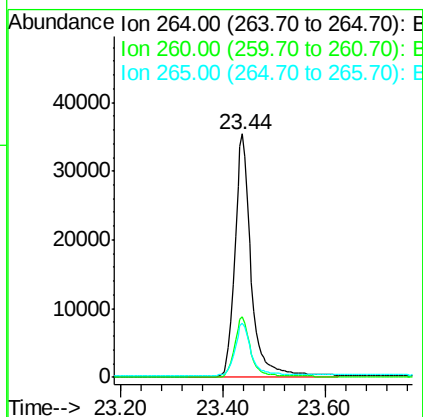
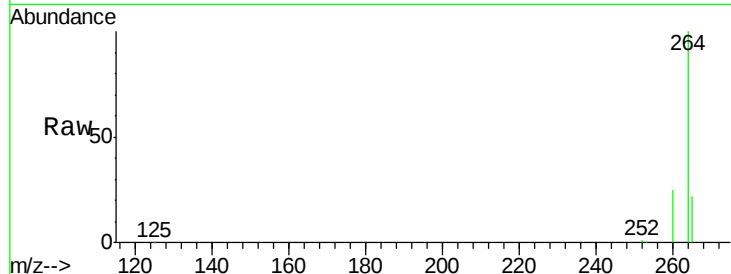




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.44 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BE090145.D
 Acq: 17 Jul 2015 7:42

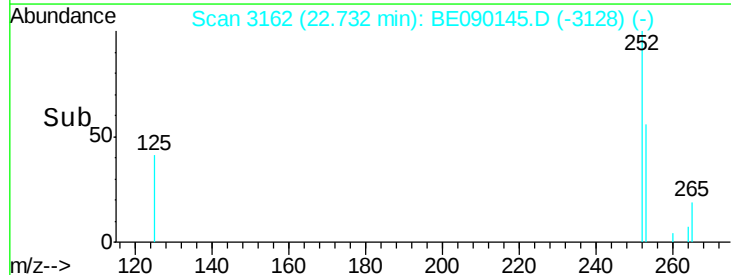
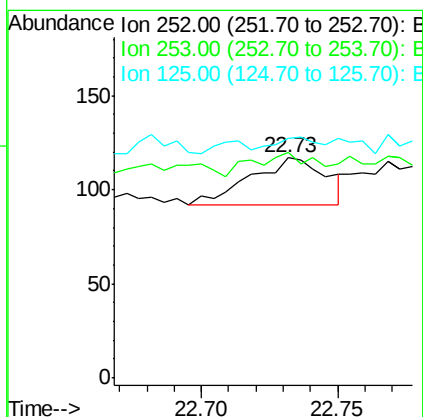
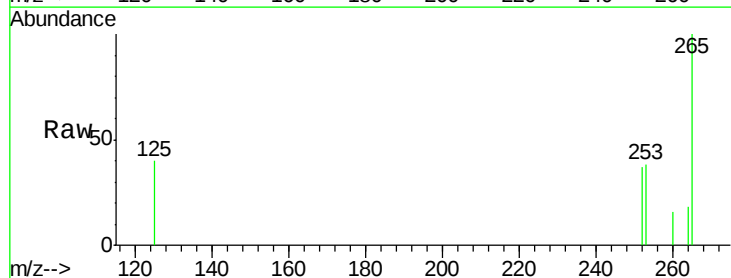
Instrument :
 BNA_E
 ClientSampleId :
 FB-01-071515

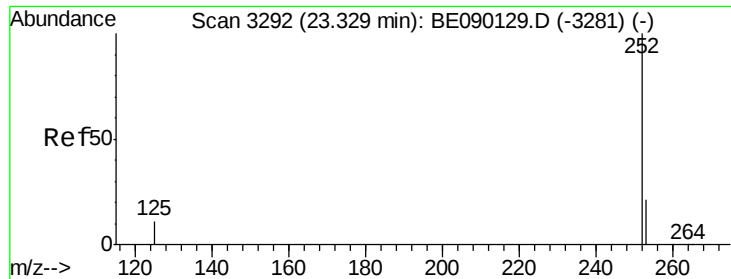
Tgt Ion: 264 Resp: 78321
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 22.3 17.8 26.8



#34
Benzo(k)fluoranthene
 Concen: 0.18 ng
 RT: 22.73 min Scan# 3162
 Delta R.T. -0.05 min
 Lab File: BE090145.D
 Acq: 17 Jul 2015 7:42

Tgt Ion: 252 Resp: 48
 Ion Ratio Lower Upper
 252 100
 253 102.6 18.7 28.1#
 125 108.5 10.5 15.7#





#35

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.33 min Scan# 3293

Delta R.T. 0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

Instrument :

BNA_E

ClientSampleId :

FB-01-071515

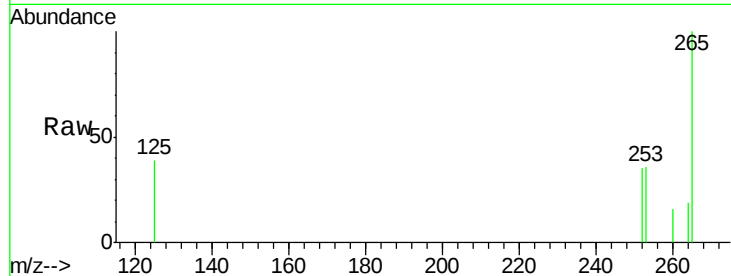
Tgt Ion: 252 Resp: 48

Ion Ratio Lower Upper

252 100

253 103.6 19.4 29.2#

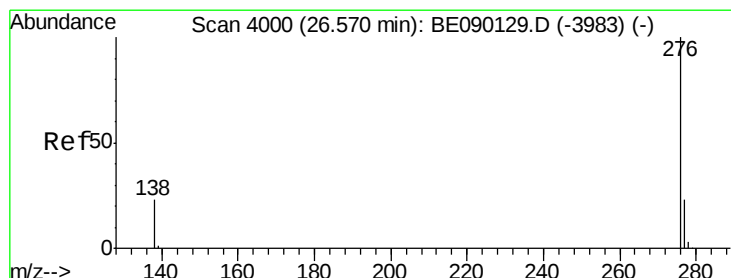
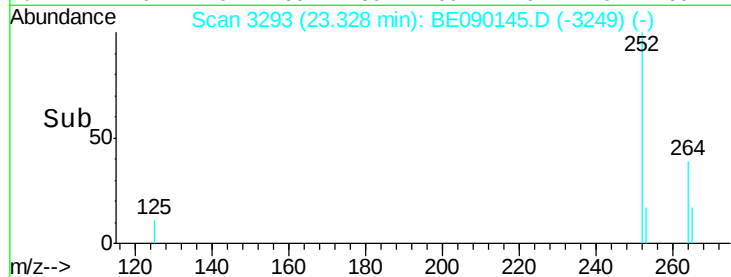
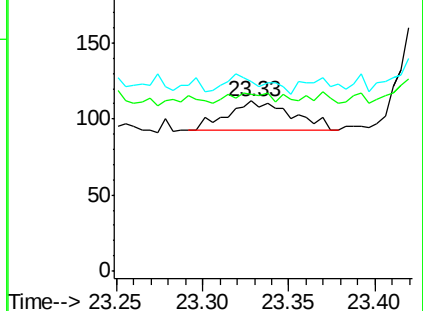
125 111.6 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.00 min

Lab File: BE090145.D

Acq: 17 Jul 2015 7:42

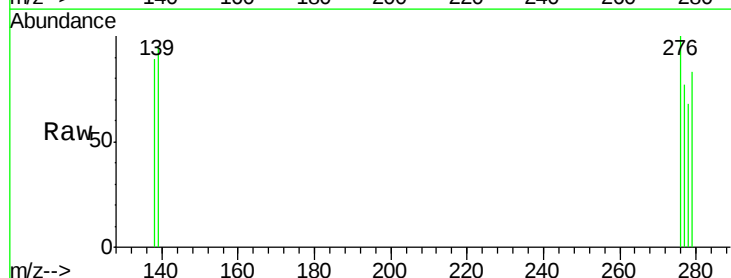
Tgt Ion: 276 Resp: 34

Ion Ratio Lower Upper

276 100

277 77.3 22.0 33.0#

138 89.3 22.0 33.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

