

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
 Data File : BE089545.D
 Acq On : 7 Feb 2015 4:11
 Operator : TP/IZ
 Sample : G1243-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB

Quant Time: Feb 07 06:13:23 2015
 Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 04:07:57 2015
 Response via : Initial Calibration

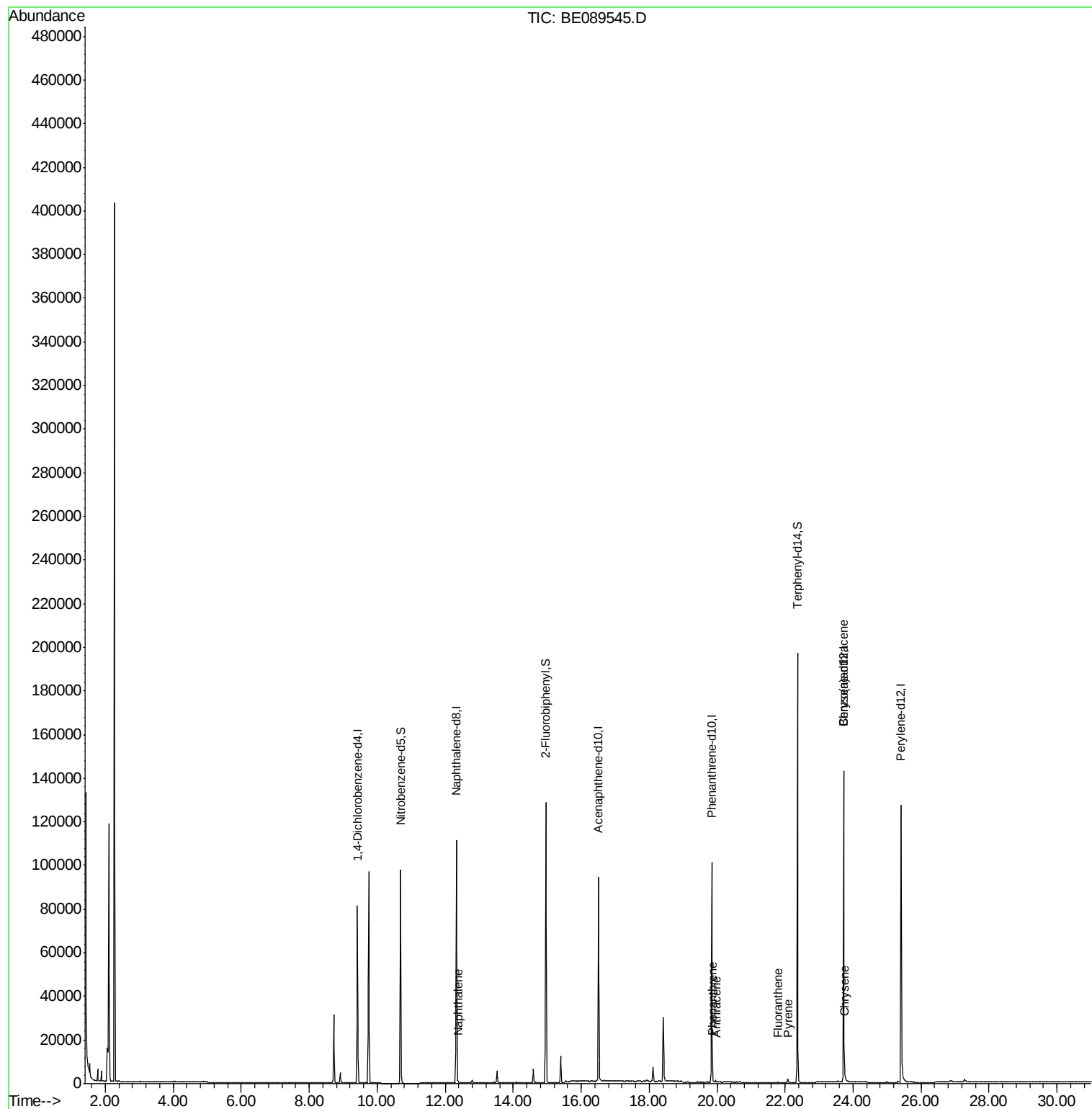
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	34207	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	132769	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	55936	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	107993	5.00	ng	0.00
16) Chrysene-d12	23.72	240	120401	5.00	ng	0.00
22) Perylene-d12	25.41	264	124034	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	72805	8.26	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	123063	8.25	ng	0.00
18) Terphenyl-d14	22.36	244	159239	10.03	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.38	128	1400	0.05	ng	# 91
13) Phenanthrene	19.89	178	490	0.02	ng	# 95
14) Anthracene	19.98	178	148	0.01	ng	# 73
15) Fluoranthene	21.79	202	400	0.02	ng	# 87
17) Pyrene	22.10	202	363	0.01	ng	# 96
19) Benzo(a)anthracene	23.71	228	3077	0.03	ng	# 89
20) Chrysene	23.75	228	2809	0.03	ng	# 87

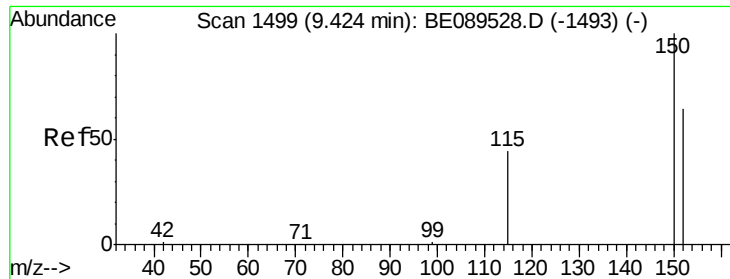
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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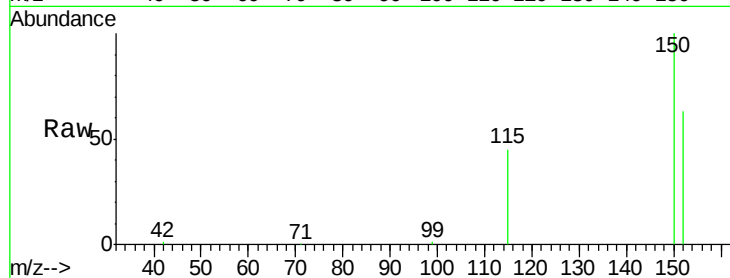




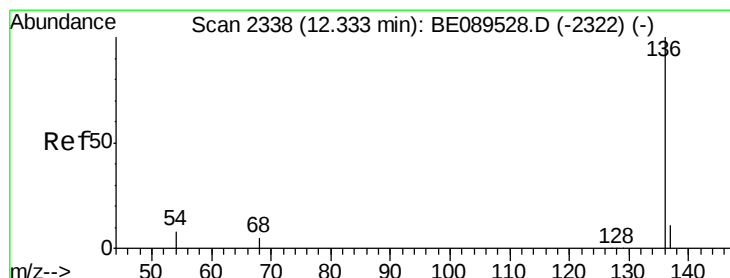
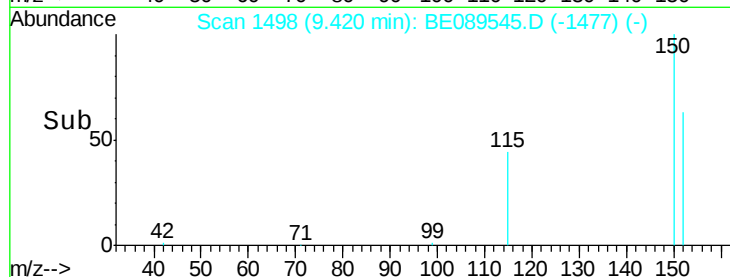
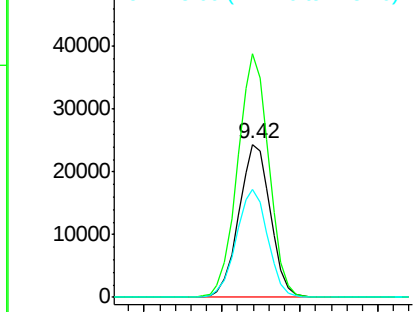
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 9.42 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BE089545.D
 Acq: 7 Feb 2015 4:11

Instrument :
 BNA_E
 ClientSampled :
 FB

Tgt Ion:152 Resp: 34207
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.7 188.5
 115 70.8 55.6 83.4

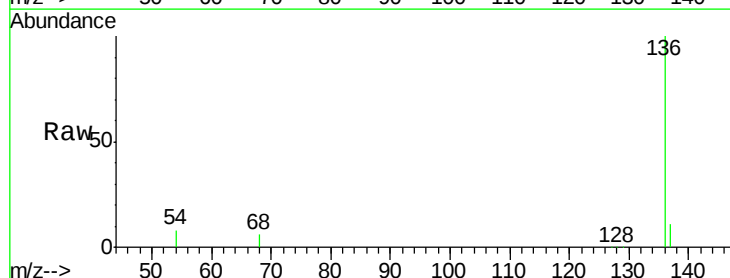


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

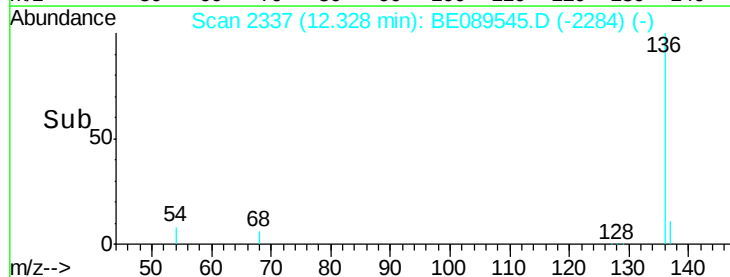
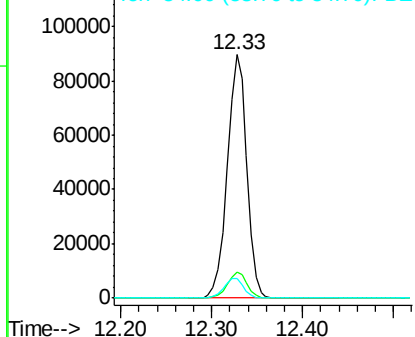


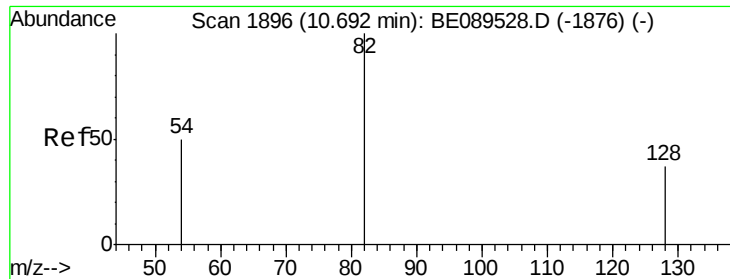
#2
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 12.33 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BE089545.D
 Acq: 7 Feb 2015 4:11

Tgt Ion:136 Resp: 132769
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.7 13.1
 54 7.9 6.1 9.1



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





#3

Nitrobenzene-d5

Concen: 8.26 ng

RT: 10.69 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampleId :

FB

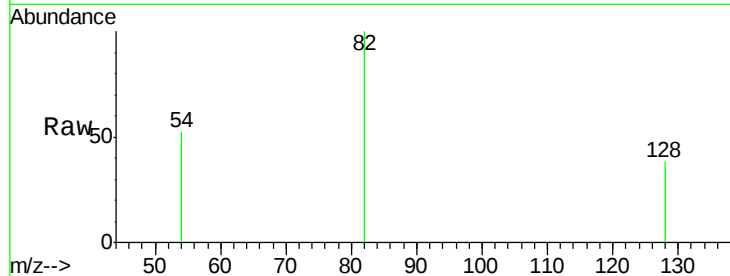
Tgt Ion: 82 Resp: 72805

Ion Ratio Lower Upper

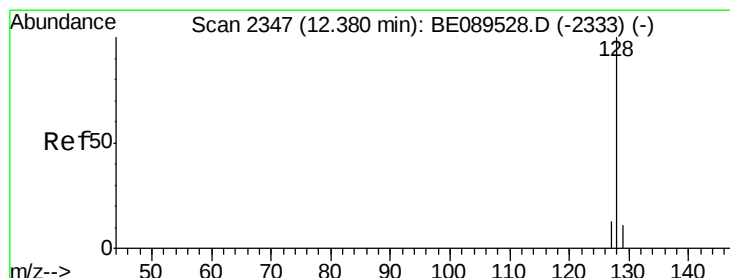
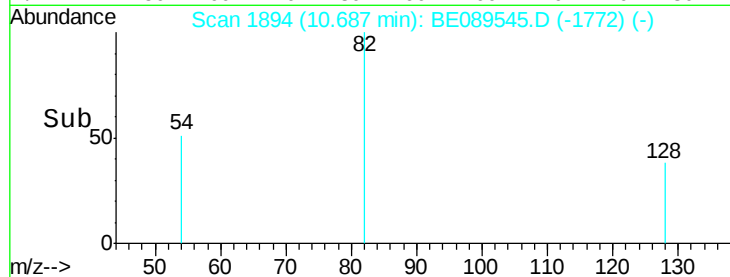
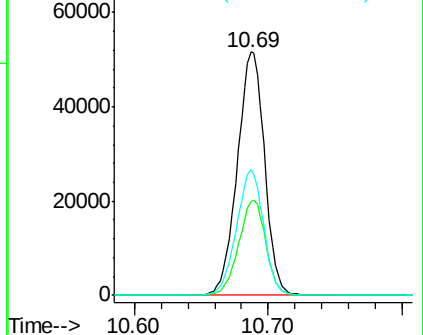
82 100

128 38.3 30.2 45.4

54 51.5 40.6 60.8



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



#4

Naphthalene

Concen: 0.05 ng

RT: 12.38 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

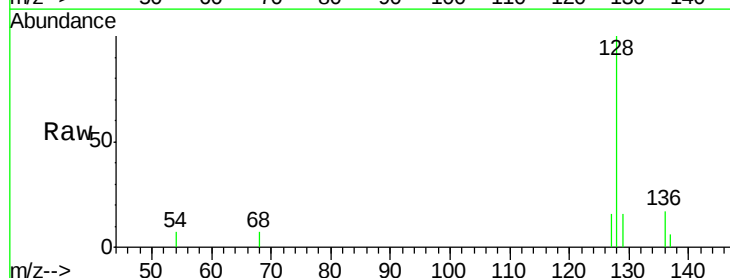
Tgt Ion: 128 Resp: 1400

Ion Ratio Lower Upper

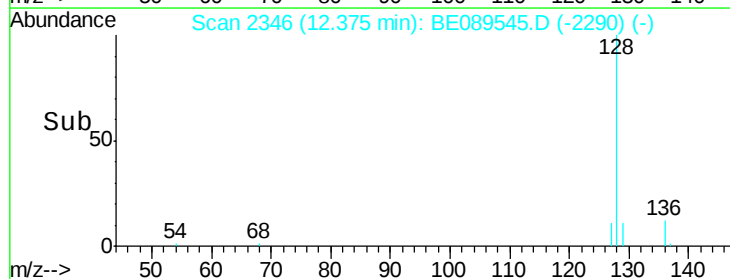
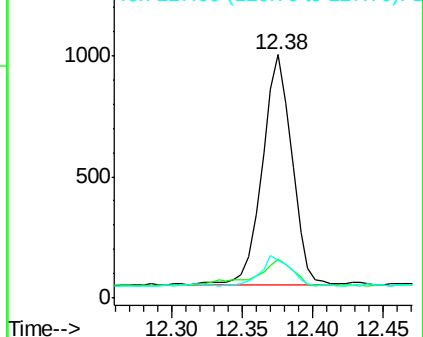
128 100

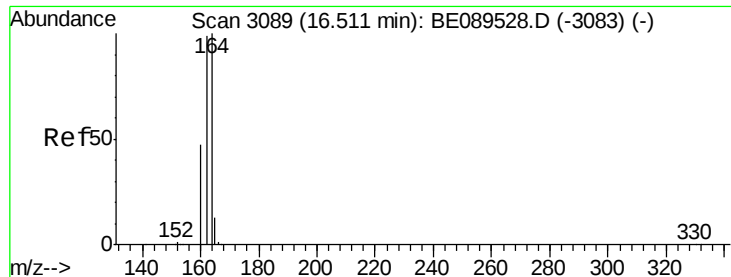
129 15.8 9.1 13.7#

127 15.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.51 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampleId :

FB

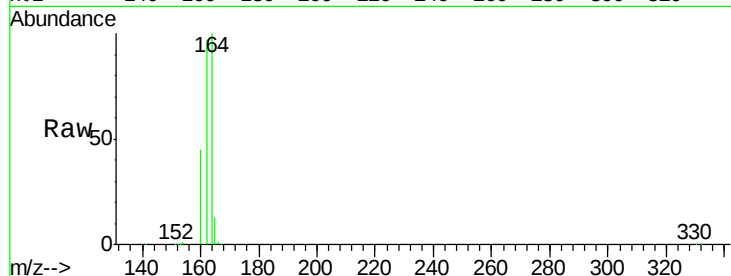
Tgt Ion:164 Resp: 55936

Ion Ratio Lower Upper

164 100

162 97.3 79.5 119.3

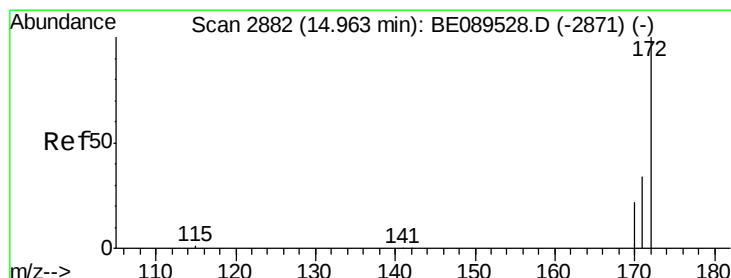
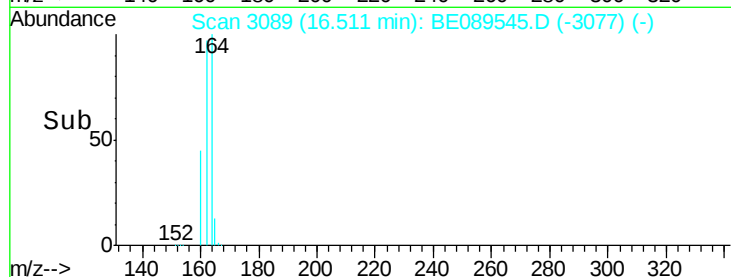
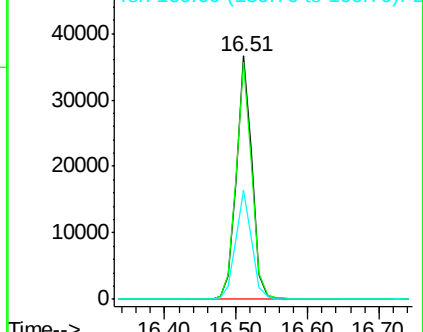
160 45.1 37.6 56.4



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



#7

2-Fluorobiphenyl

Concen: 8.25 ng

RT: 14.96 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

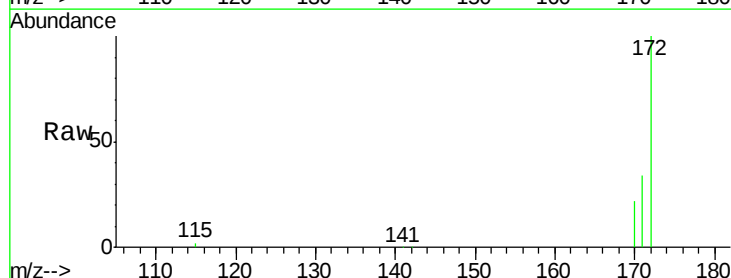
Tgt Ion:172 Resp: 123063

Ion Ratio Lower Upper

172 100

171 34.0 27.7 41.5

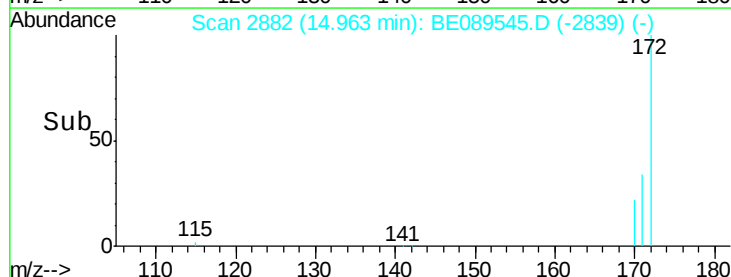
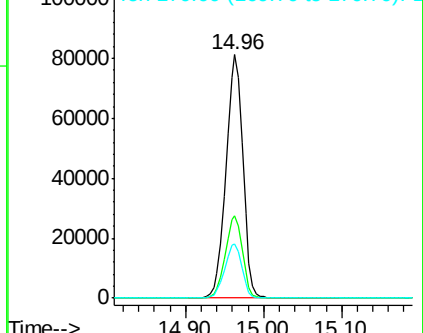
170 22.5 18.3 27.5

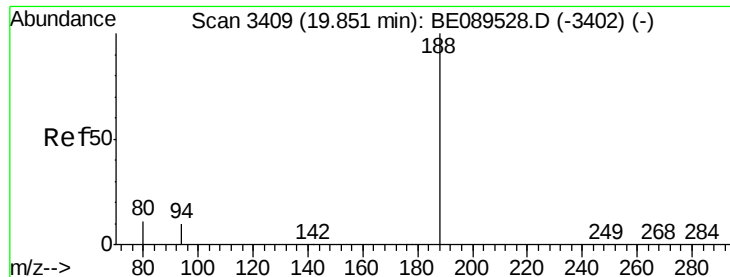


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

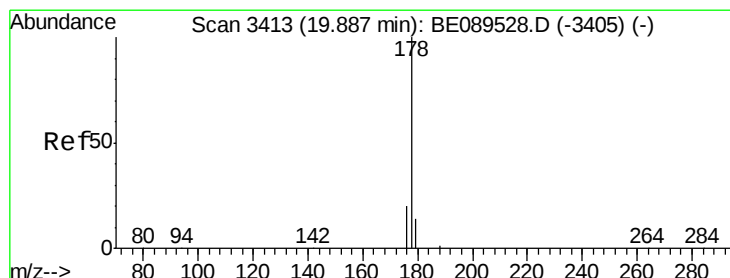
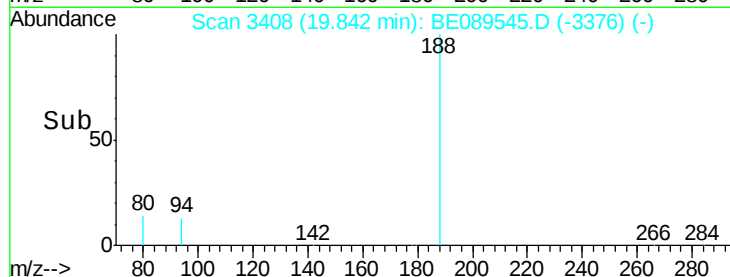
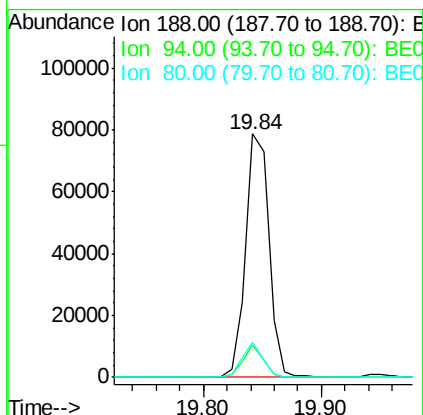
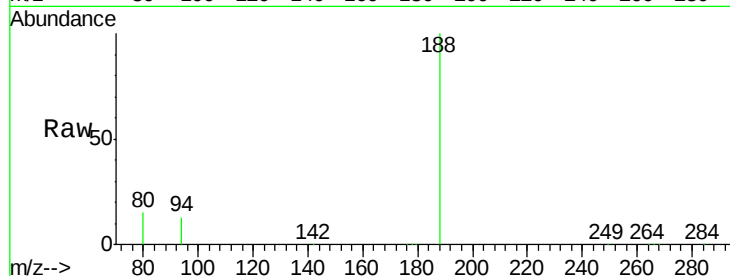




#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BE089545.D
Acq: 7 Feb 2015 4:11

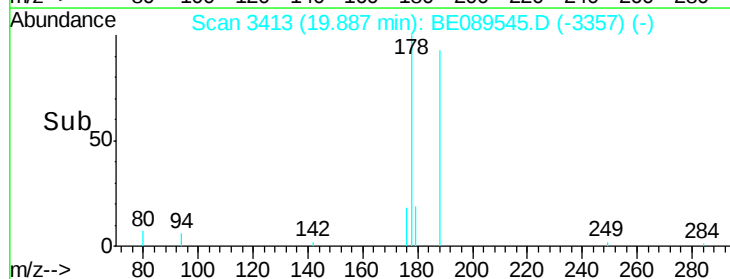
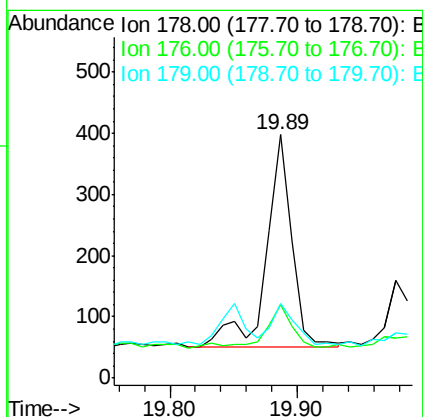
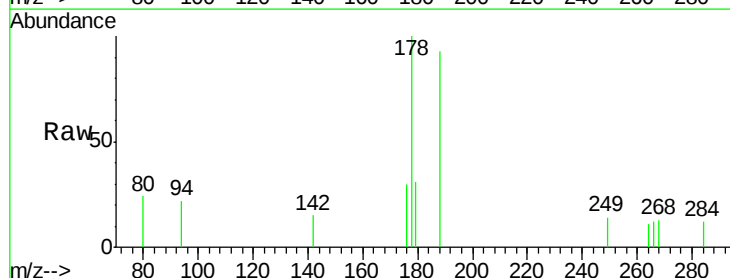
Instrument :
BNA_E
ClientSampled :
FB

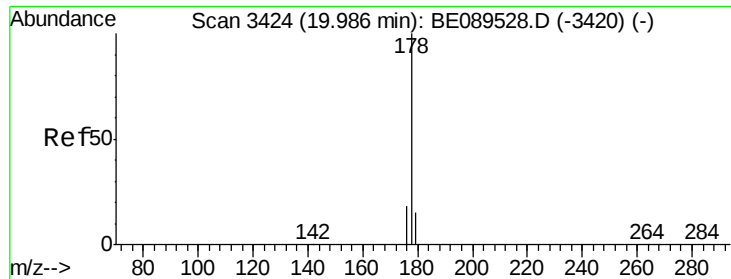
Tgt Ion:188 Resp: 107993
Ion Ratio Lower Upper
188 100
94 13.3 8.4 12.6#
80 14.5 8.6 12.8#



#13
Phenanthrene
Concen: 0.02 ng
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089545.D
Acq: 7 Feb 2015 4:11

Tgt Ion:178 Resp: 490
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 19.4 12.2 18.2#





#14

Anthracene

Concen: 0.01 ng

RT: 19.98 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampleId :

FB

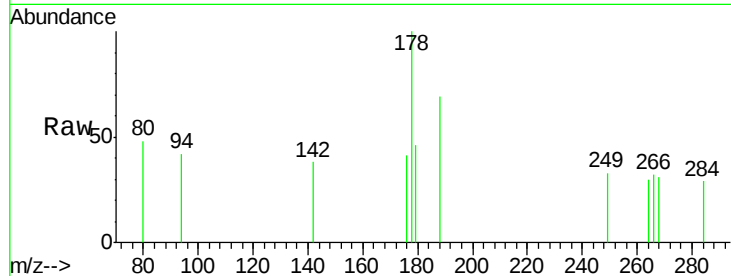
Tgt Ion:178 Resp: 148

Ion Ratio Lower Upper

178 100

176 25.7 14.5 21.7#

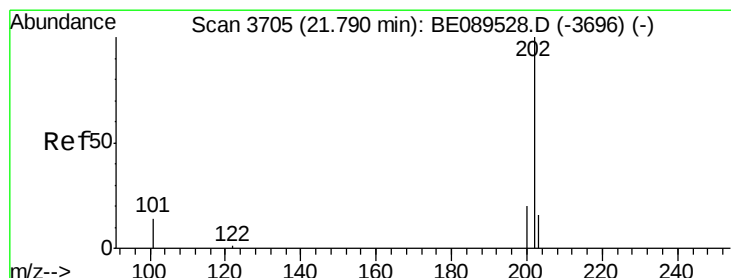
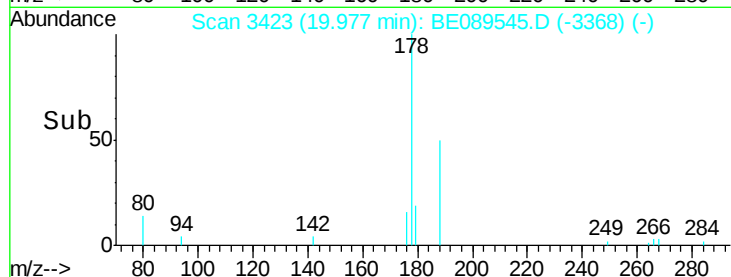
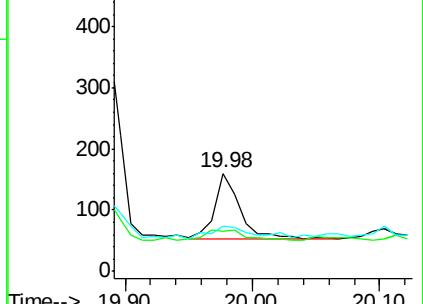
179 31.8 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.02 ng

RT: 21.79 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

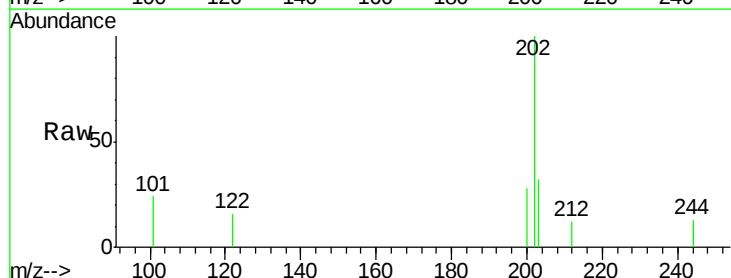
Tgt Ion:202 Resp: 400

Ion Ratio Lower Upper

202 100

101 18.5 11.6 17.4#

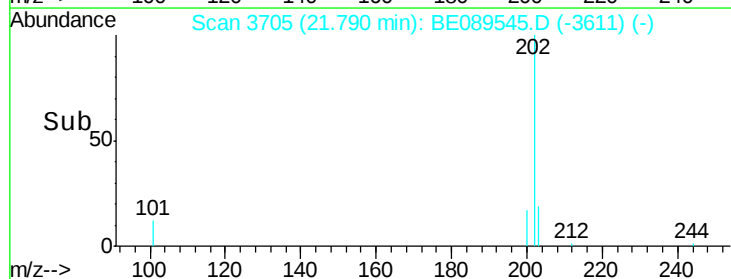
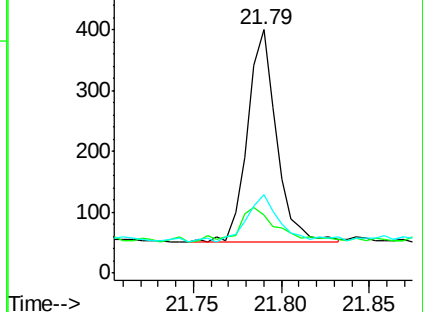
203 24.0 13.6 20.4#

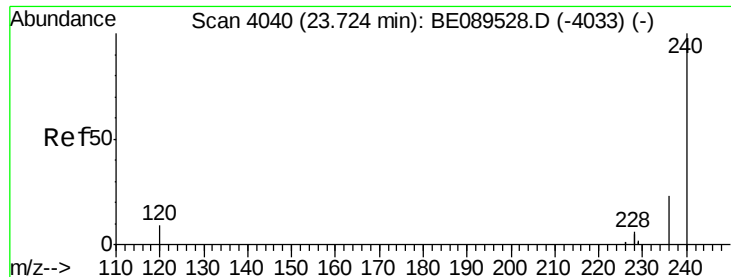


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#16

Chrysene-d12

Concen: 5.00 ng

RT: 23.72 min Scan# 4039

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampled :

FB

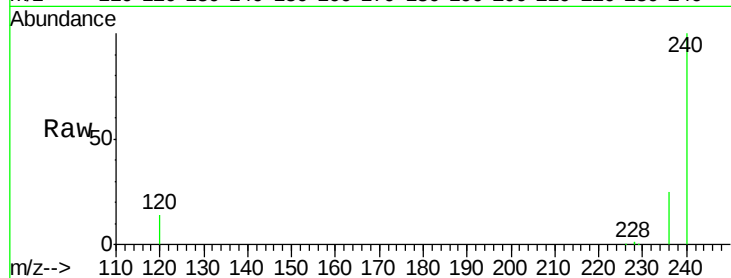
Tgt Ion:240 Resp: 120401

Ion Ratio Lower Upper

240 100

120 14.4 7.2 10.8#

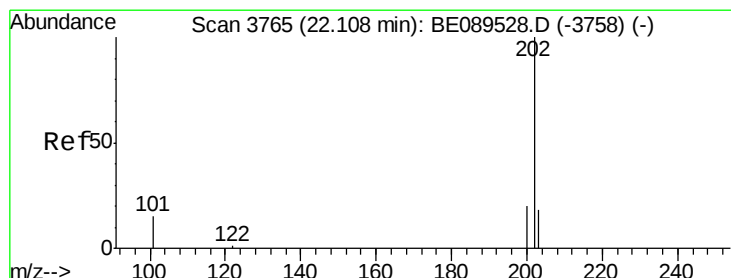
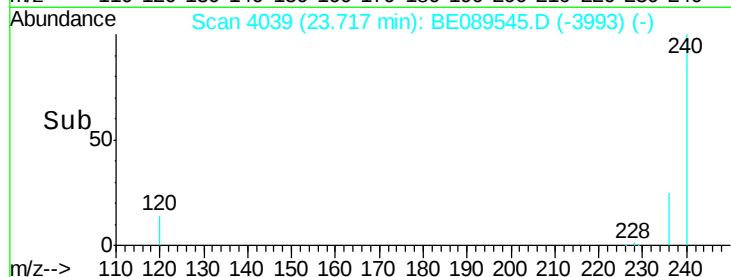
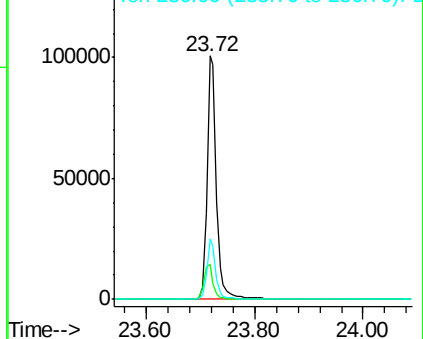
236 24.9 18.5 27.7



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



#17

Pyrene

Concen: 0.01 ng

RT: 22.10 min Scan# 3764

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

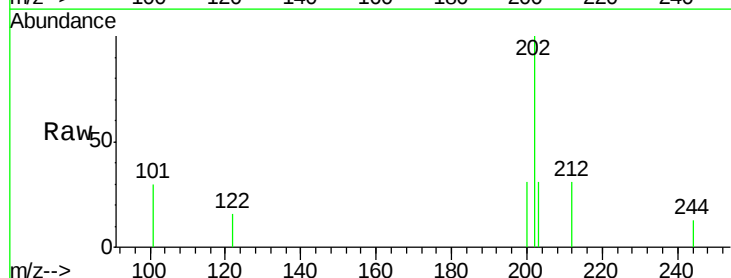
Tgt Ion:202 Resp: 363

Ion Ratio Lower Upper

202 100

200 18.2 16.3 24.5

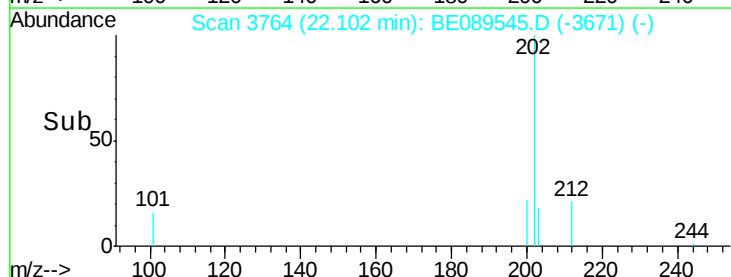
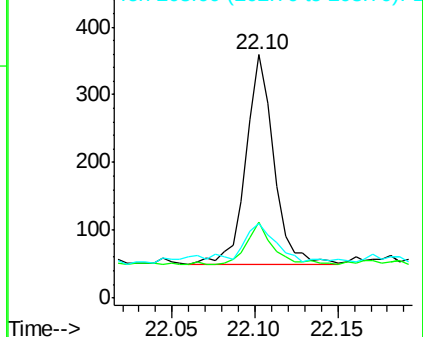
203 16.0 13.5 20.3

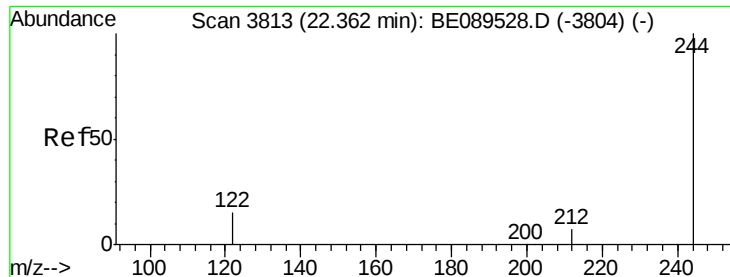


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Terphenyl-d14

Concen: 10.03 ng

RT: 22.36 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampleId :

FB

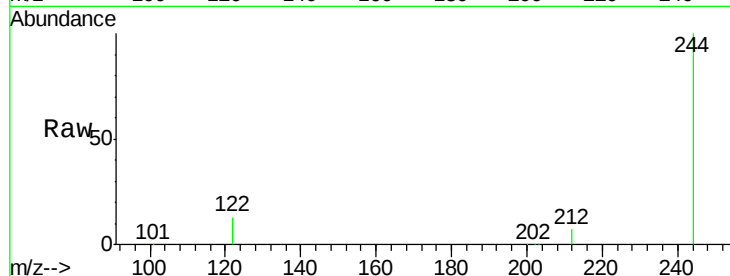
Tgt Ion:244 Resp: 159239

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

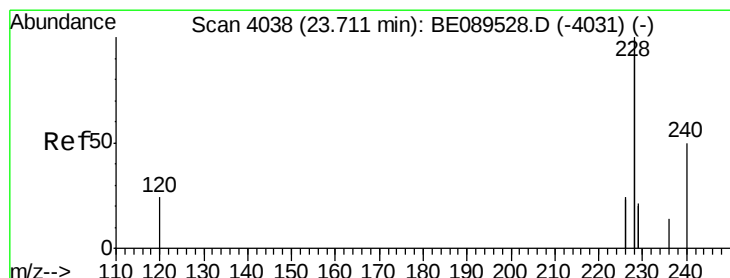
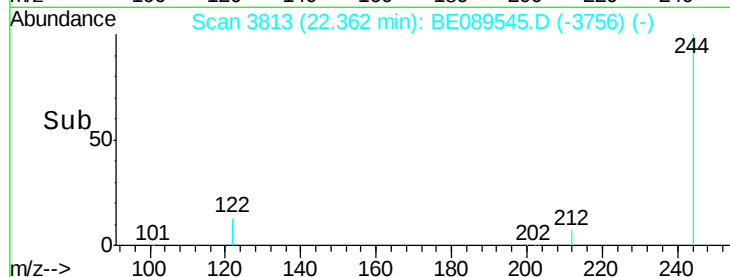
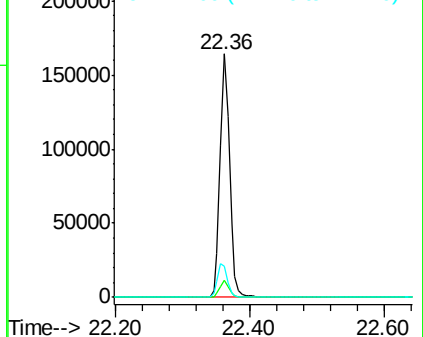
122 12.7 12.6 19.0



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



#19

Benzo(a)anthracene

Concen: 0.03 ng

RT: 23.71 min Scan# 4038

Delta R.T. -0.00 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

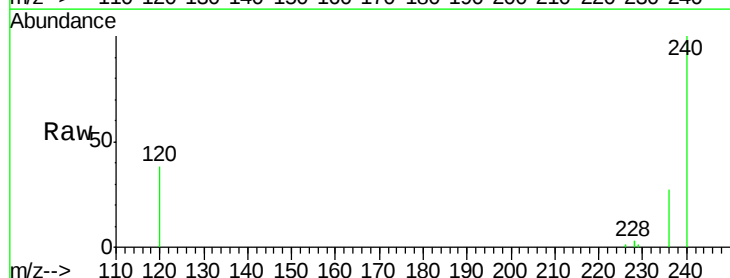
Tgt Ion:228 Resp: 3077

Ion Ratio Lower Upper

228 100

226 25.9 19.0 28.4

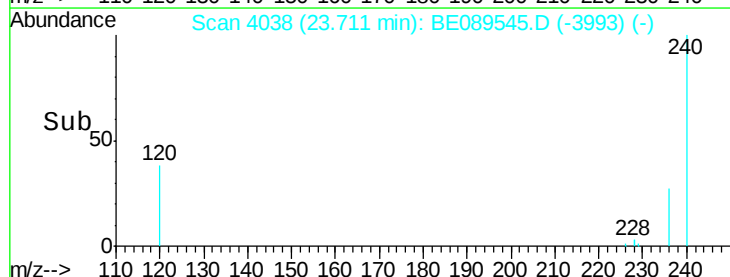
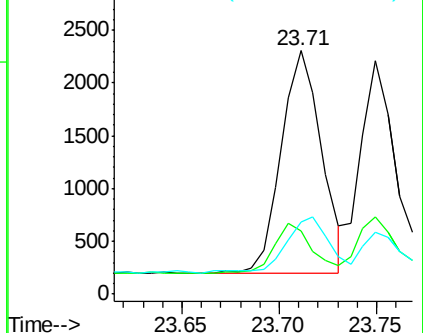
229 29.7 16.8 25.2#

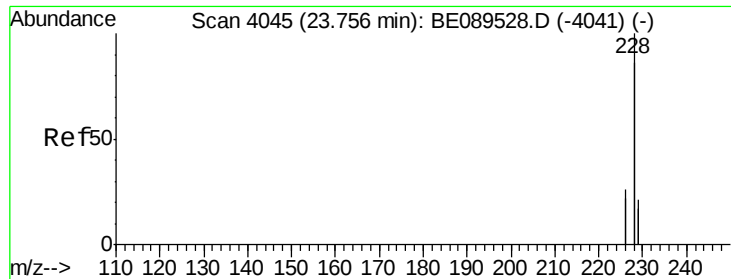


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#20

Chrysene

Concen: 0.03 ng

RT: 23.75 min Scan# 4044

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Instrument :

BNA_E

ClientSampleId :

FB

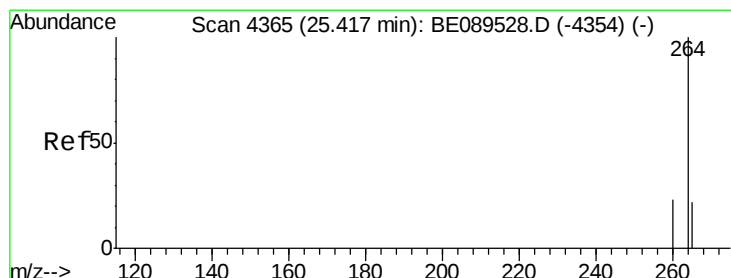
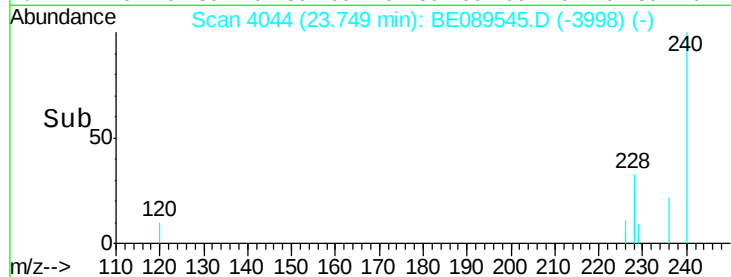
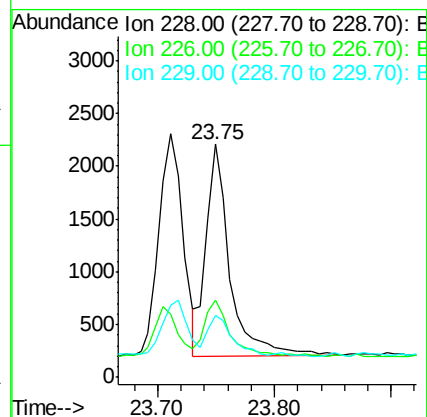
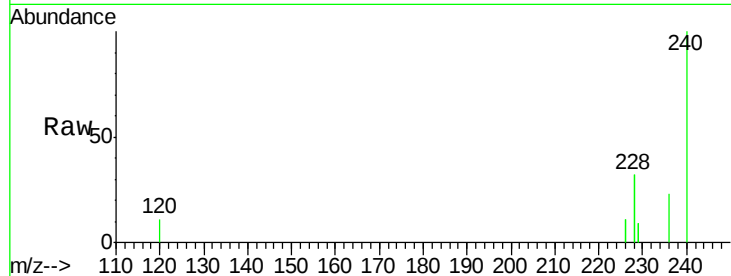
Tgt Ion:228 Resp: 2809

Ion Ratio Lower Upper

228 100

226 32.9 21.0 31.4#

229 26.7 16.7 25.1#



#22

Perylene-d12

Concen: 5.00 ng

RT: 25.41 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BE089545.D

Acq: 7 Feb 2015 4:11

Tgt Ion:264 Resp: 124034

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.0 17.5 26.3

