

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089833.D
 Acq On : 25 Mar 2015 5:35
 Operator : TP/JJ
 Sample : G1575-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-031715

Quant Time: Mar 25 17:20:29 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

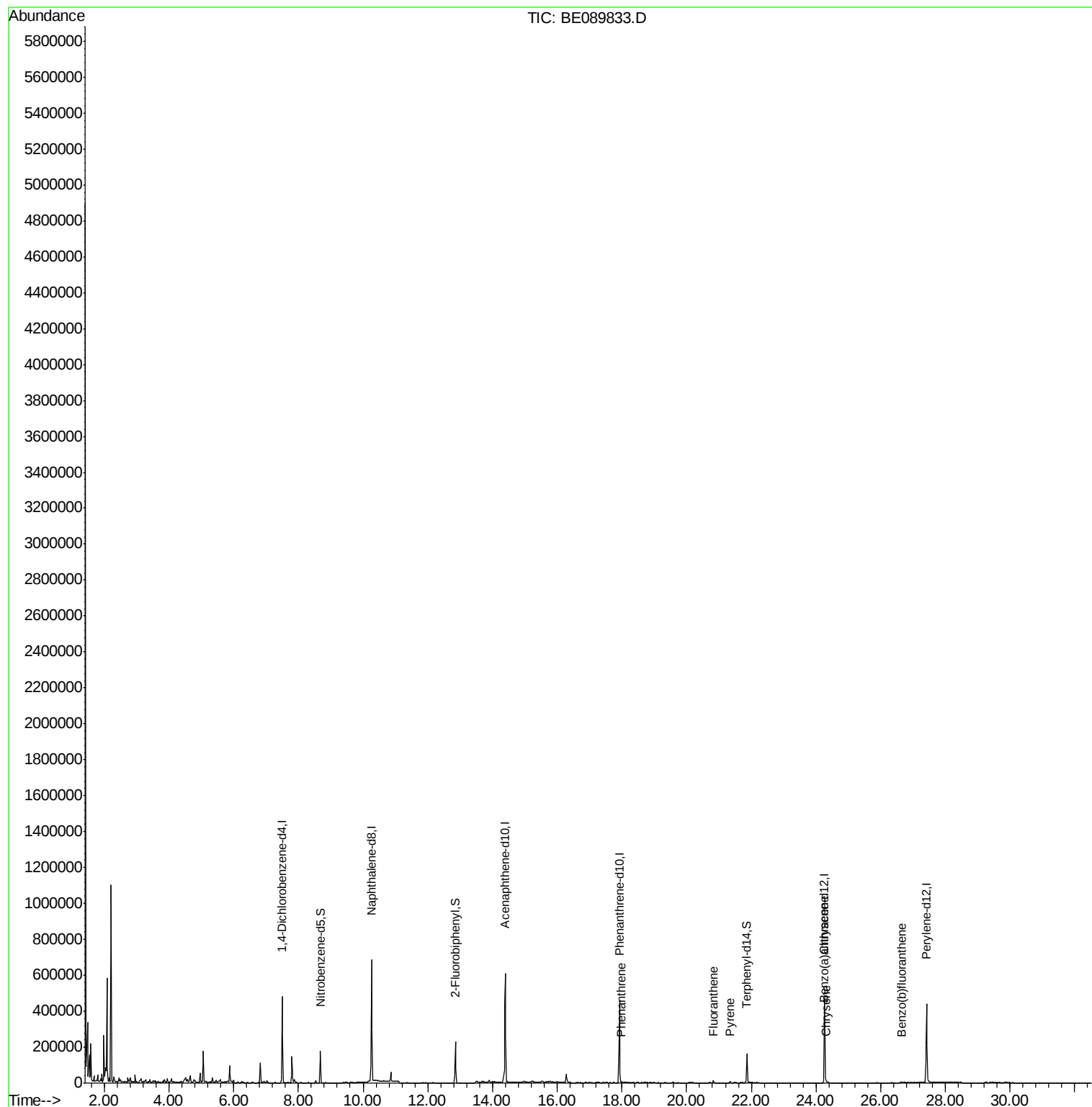
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	208001	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	834633	5.00	ng	0.00
8) Acenaphthene-d10	14.39	164	361631	5.00	ng	0.00
13) Phenanthrene-d10	17.93	188	619446	5.00	ng	0.00
19) Chrysene-d12	24.26	240	587282	5.00	ng	0.00
25) Perylene-d12	27.42	264	553662	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	142909	2.53	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	213147	2.52	ng	0.00
21) Terphenyl-d14	21.87	244	229372	2.65	ng	0.00
Target Compounds						Qvalue
16) Phenanthrene	17.98	178	6436	0.05	ng	96
18) Fluoranthene	20.83	202	13196	0.11	ng	96
20) Pyrene	21.35	202	10953	0.07	ng	# 91
22) Benzo(a)anthracene	24.24	228	5403	0.05	ng	# 93
23) Chrysene	24.32	228	7931	0.07	ng	# 85
26) Benzo(b)fluoranthene	26.64	252	8281	0.38	ng	# 63

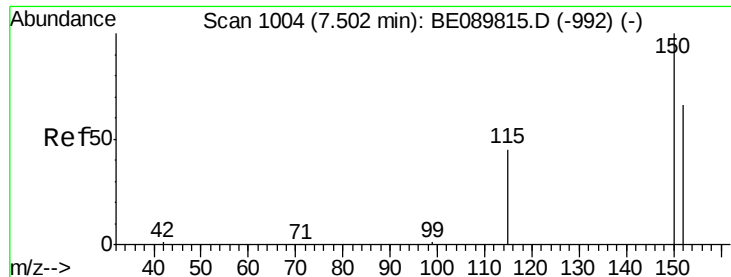
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 16:20:31 2015
Response via : Initial Calibration

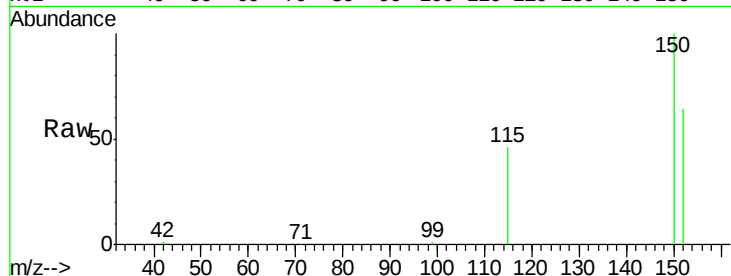




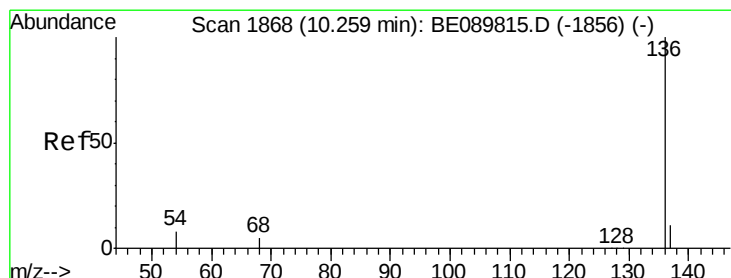
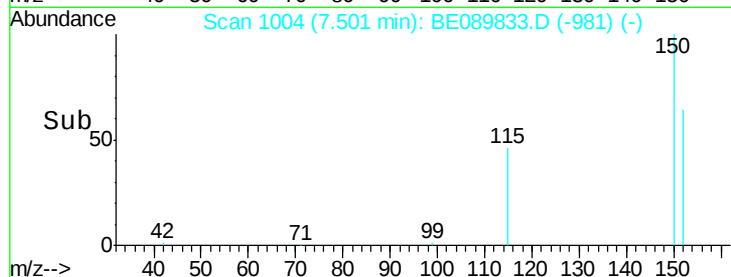
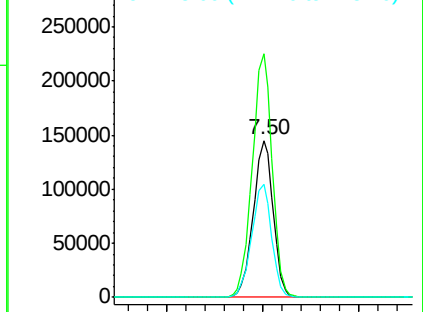
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.50 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BE089833.D
 Acq: 25 Mar 2015 5:35

Instrument :
 BNA_E
 ClientSampleId :
 DUP-031715

Tgt Ion:152 Resp: 208001
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.5 188.3
 115 71.8 58.0 87.0

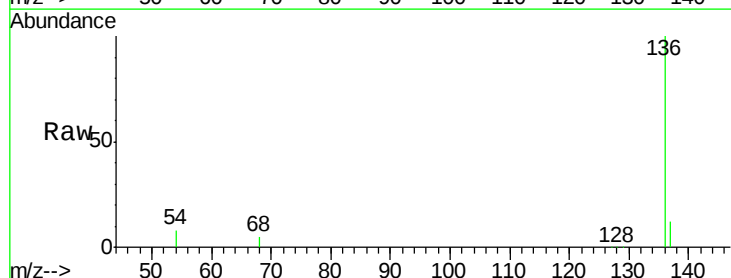


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

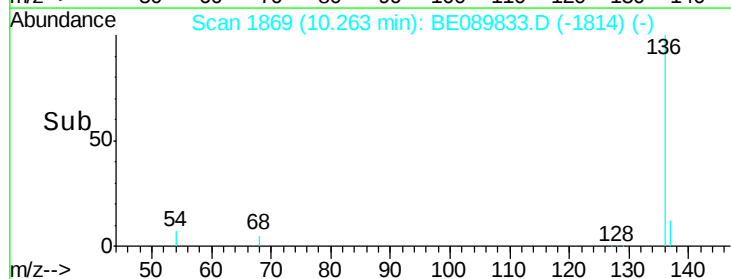
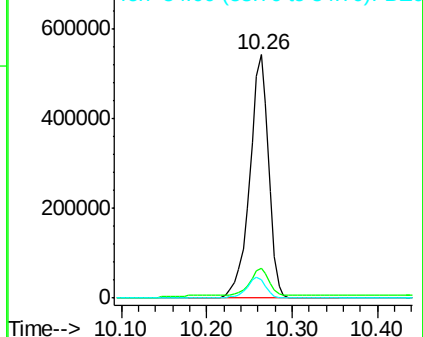


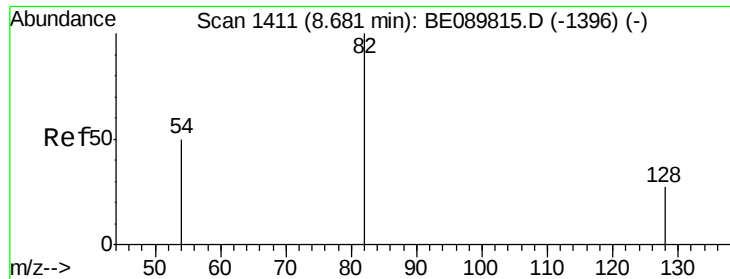
#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 10.26 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: BE089833.D
 Acq: 25 Mar 2015 5:35

Tgt Ion:136 Resp: 834633
 Ion Ratio Lower Upper
 136 100
 137 12.4 8.8 13.2
 54 7.6 7.0 10.4



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

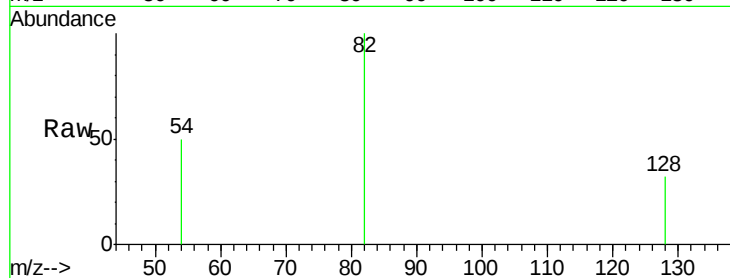




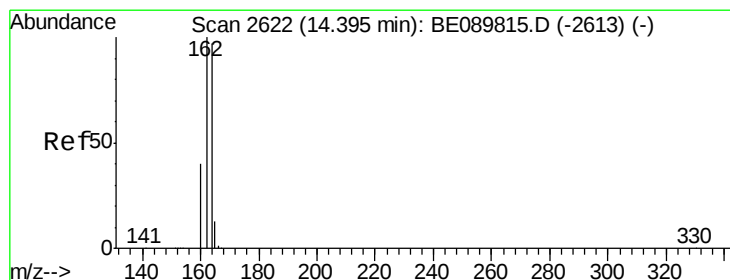
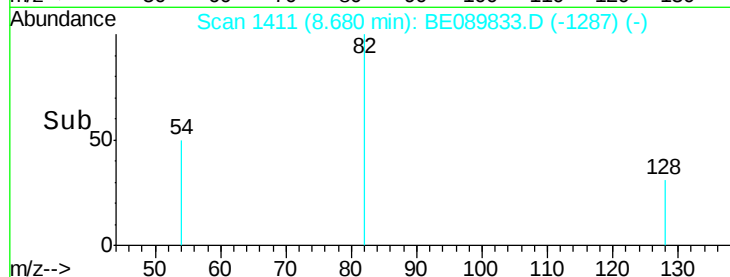
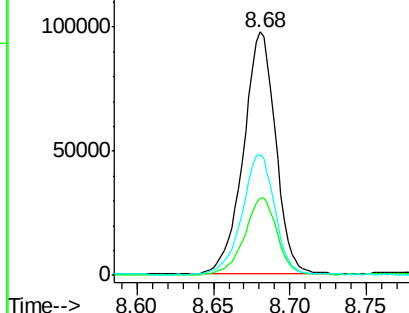
#5
 Nitrobenzene-d5
 Concen: 2.53 ng
 RT: 8.68 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BE089833.D
 Acq: 25 Mar 2015 5:35

Instrument :
 BNA_E
 ClientSampleId :
 DUP-031715

Tgt Ion: 82 Resp: 142909
 Ion Ratio Lower Upper
 82 100
 128 31.5 24.6 37.0
 54 49.8 43.0 64.6

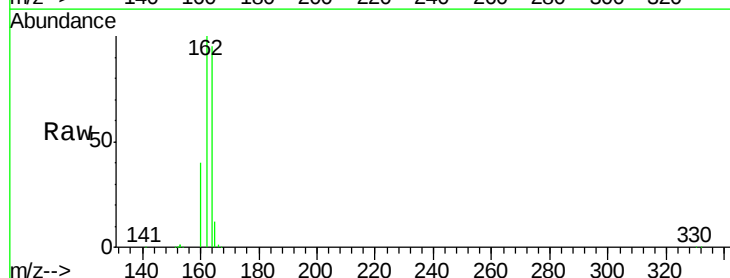


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

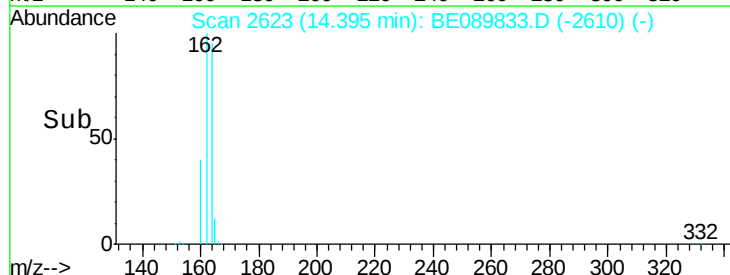
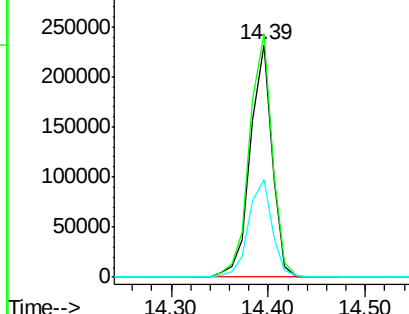


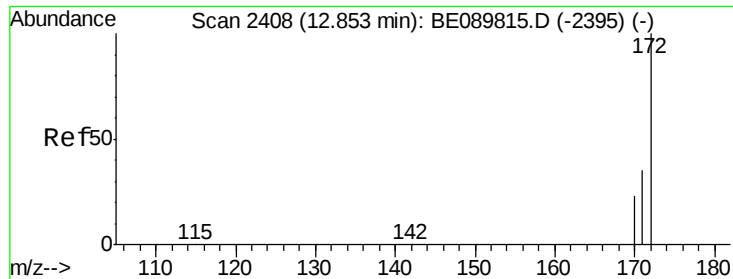
#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.39 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BE089833.D
 Acq: 25 Mar 2015 5:35

Tgt Ion: 164 Resp: 361631
 Ion Ratio Lower Upper
 164 100
 162 104.9 87.6 131.4
 160 42.2 36.7 55.1



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





#9

2-Fluorobiphenyl

Concen: 2.52 ng

RT: 12.85 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

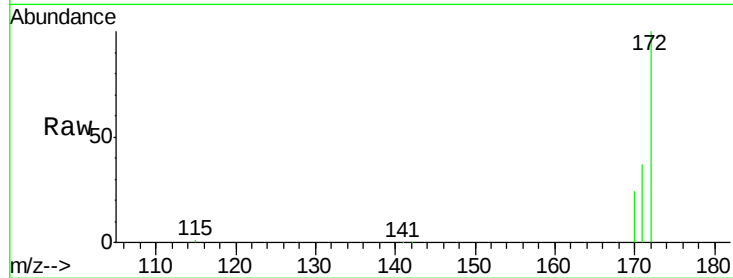
Tgt Ion:172 Resp: 213147

Ion Ratio Lower Upper

172 100

171 36.7 30.8 46.2

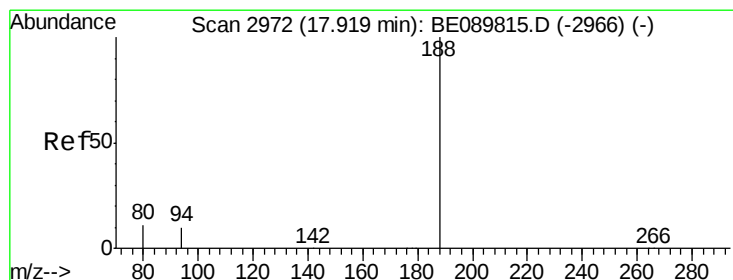
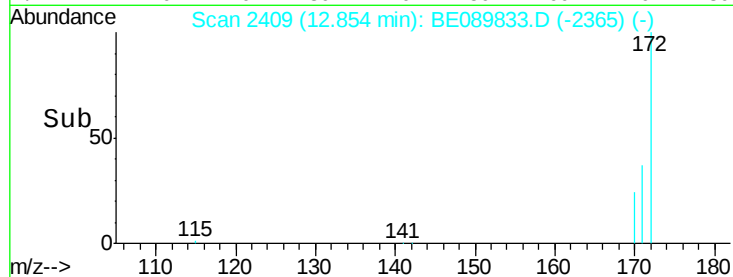
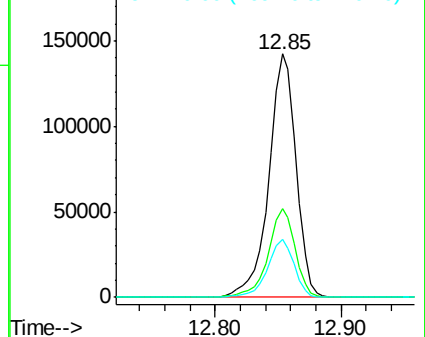
170 23.9 21.0 31.4



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



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.93 min Scan# 2974

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

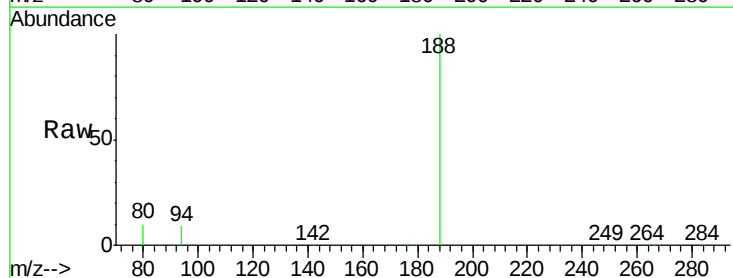
Tgt Ion:188 Resp: 619446

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

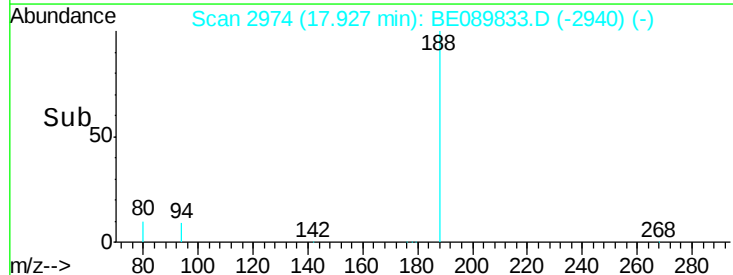
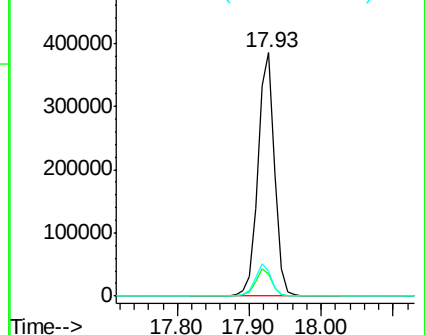
80 10.3 10.0 15.0

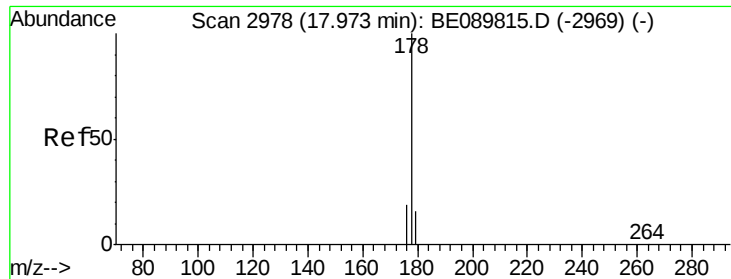


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Phenanthrene

Concen: 0.05 ng

RT: 17.98 min Scan# 2980

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

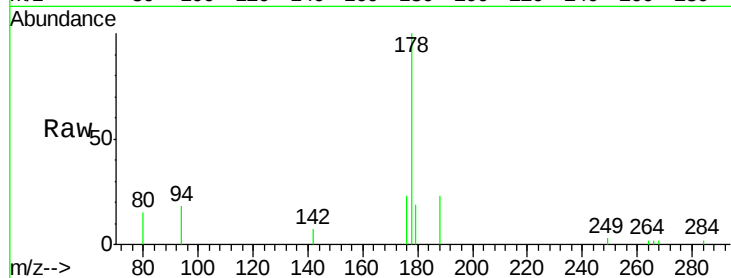
Tgt Ion:178 Resp: 6436

Ion Ratio Lower Upper

178 100

176 17.1 15.4 23.0

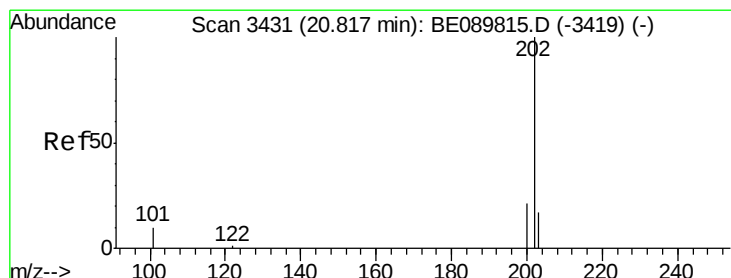
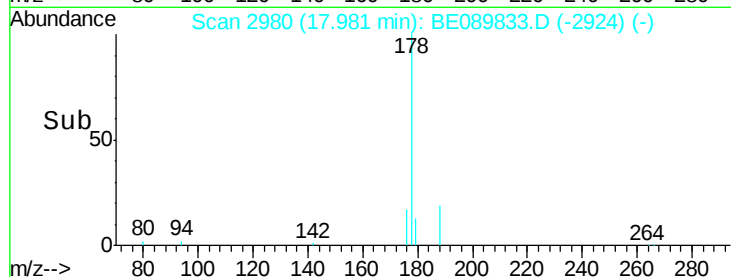
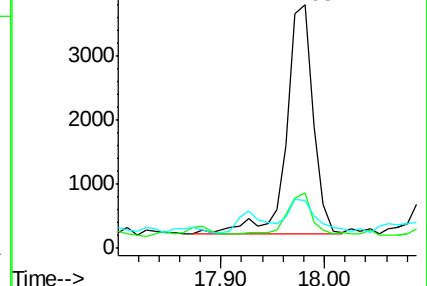
179 13.8 12.2 18.4



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



#18

Fluoranthene

Concen: 0.11 ng

RT: 20.83 min Scan# 3434

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

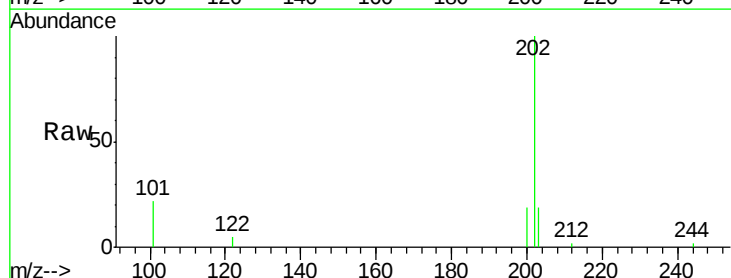
Tgt Ion:202 Resp: 13196

Ion Ratio Lower Upper

202 100

101 12.2 8.2 12.2

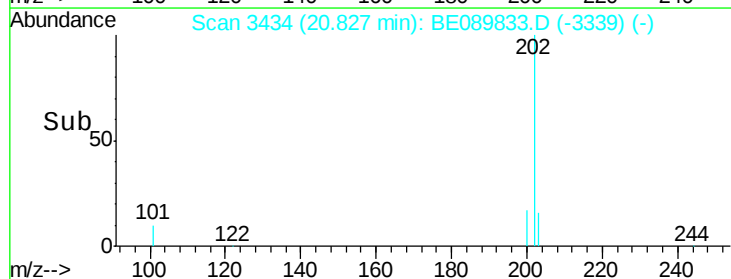
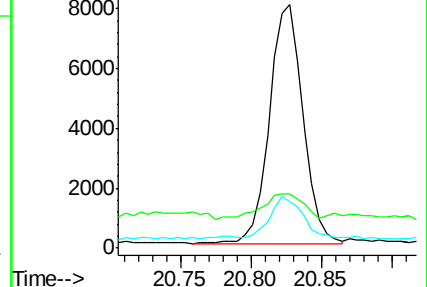
203 16.7 14.2 21.4

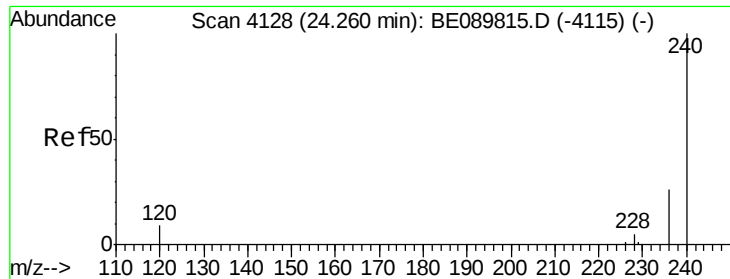


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4130

Delta R.T. 0.00 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

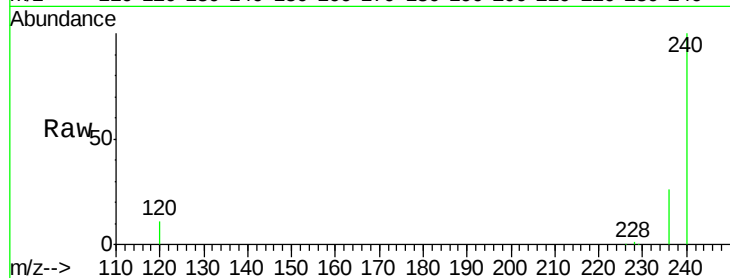
Tgt Ion:240 Resp: 587282

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

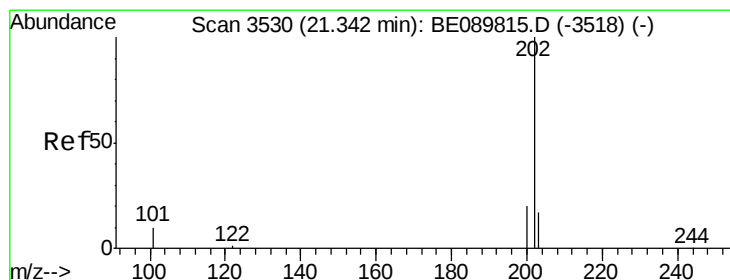
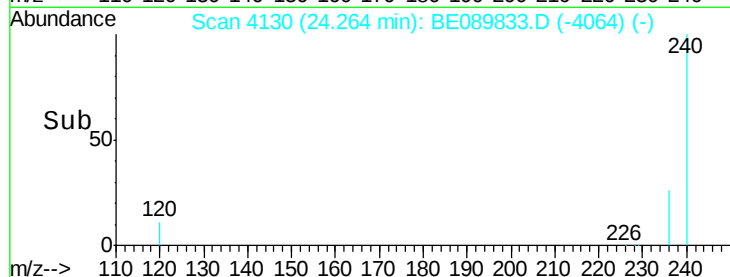
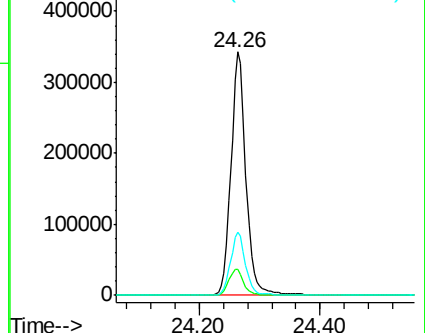
236 26.2 20.5 30.7



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



#20

Pyrene

Concen: 0.07 ng

RT: 21.35 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

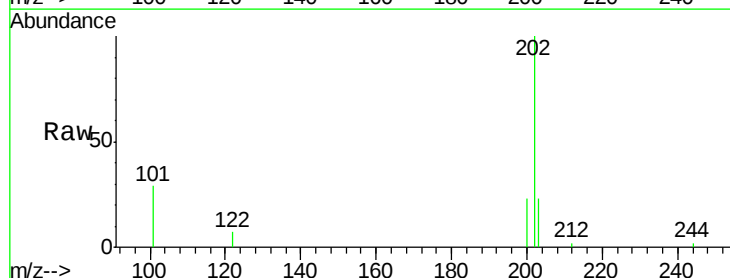
Tgt Ion:202 Resp: 10953

Ion Ratio Lower Upper

202 100

200 21.8 15.9 23.9

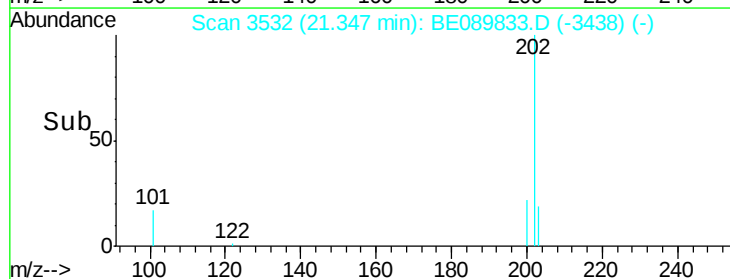
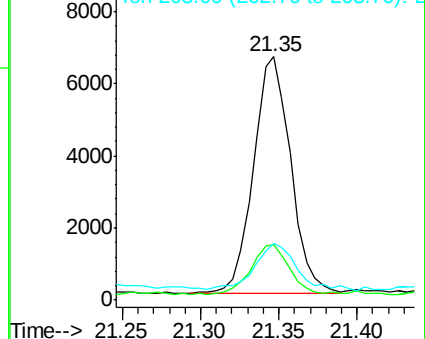
203 23.3 13.6 20.4#

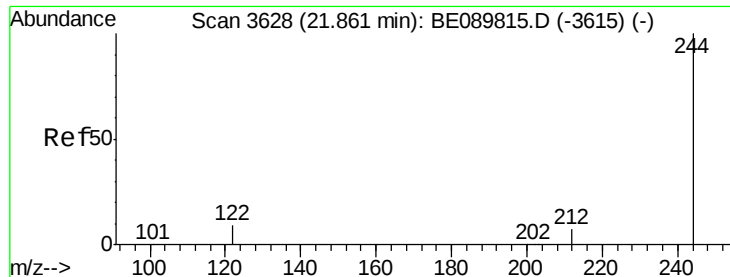


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#21

Terphenyl-d14

Concen: 2.65 ng

RT: 21.87 min Scan# 3630

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

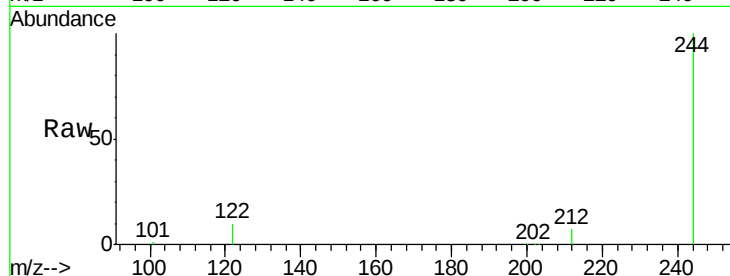
Tgt Ion:244 Resp: 229372

Ion Ratio Lower Upper

244 100

212 7.0 7.3 10.9#

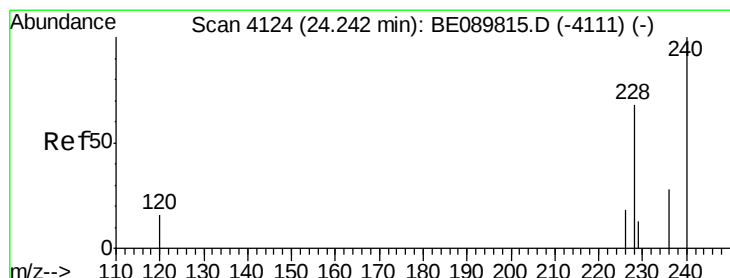
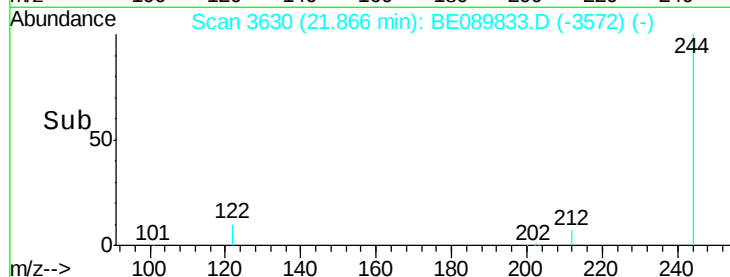
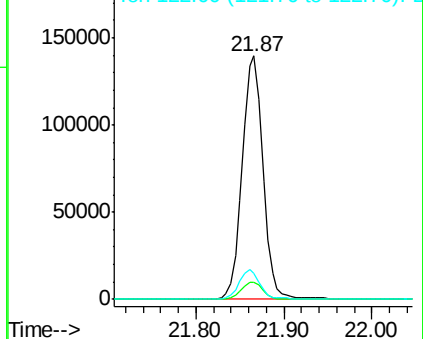
122 10.4 10.5 15.7#



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



#22

Benzo(a)anthracene

Concen: 0.05 ng

RT: 24.24 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

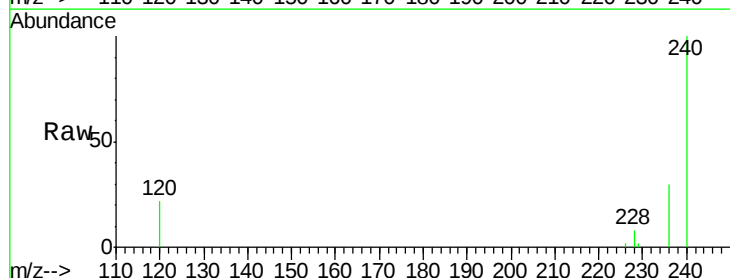
Tgt Ion:228 Resp: 5403

Ion Ratio Lower Upper

228 100

226 26.2 19.8 29.8

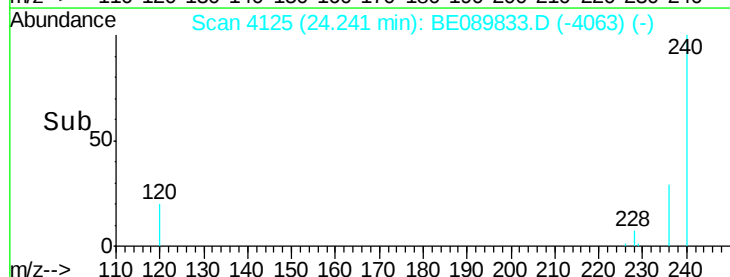
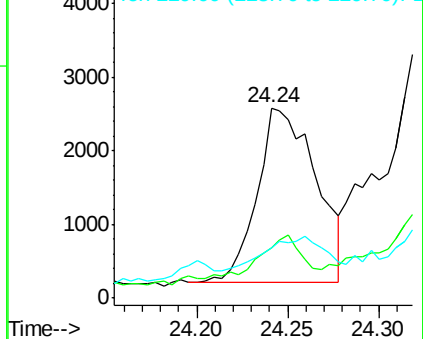
229 26.1 16.3 24.5#

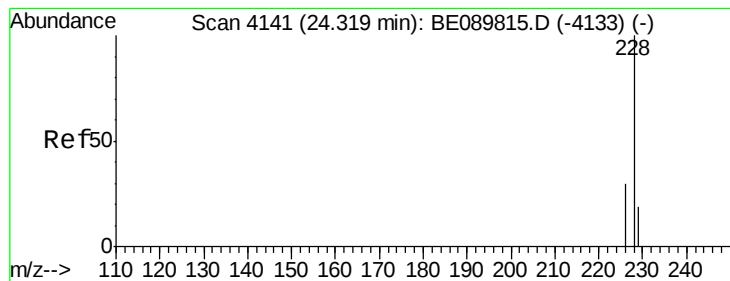


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Chrysene

Concen: 0.07 ng

RT: 24.32 min Scan# 4143

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

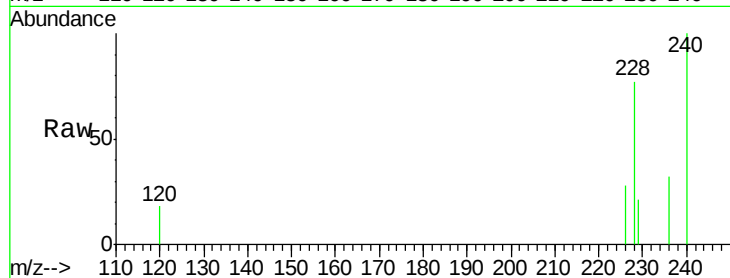
Tgt Ion:228 Resp: 7931

Ion Ratio Lower Upper

228 100

226 36.0 23.0 34.4#

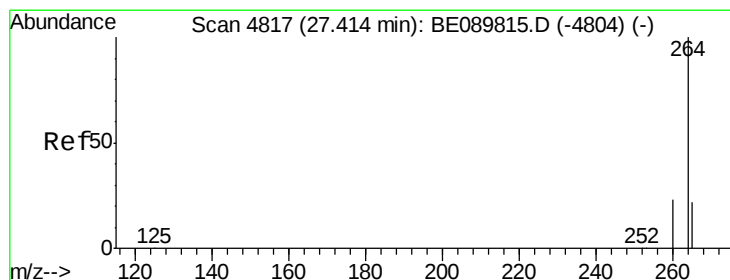
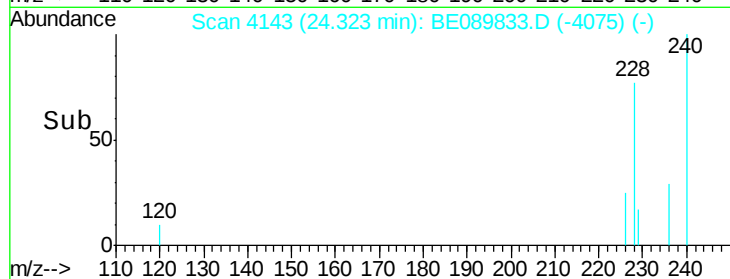
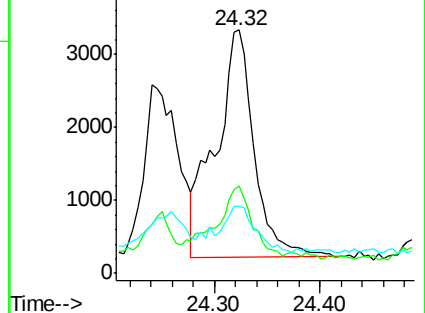
229 27.7 15.8 23.6#



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

Perylene-d12

Concen: 5.00 ng

RT: 27.42 min Scan# 4819

Delta R.T. 0.00 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

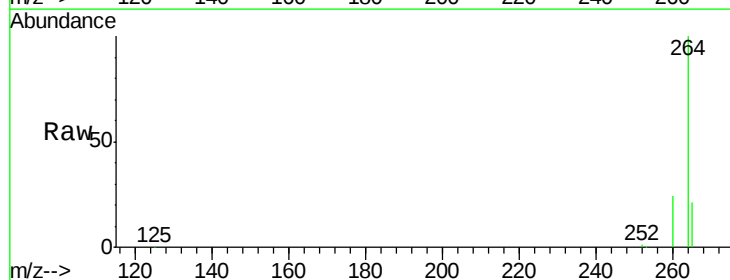
Tgt Ion:264 Resp: 553662

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

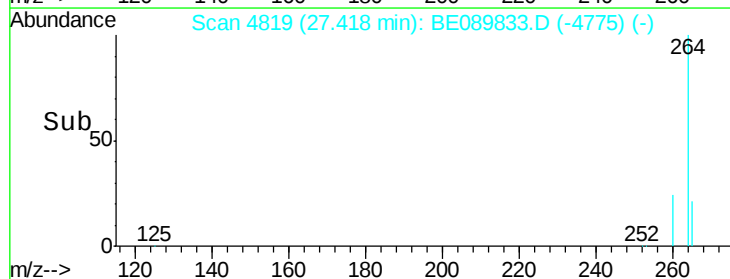
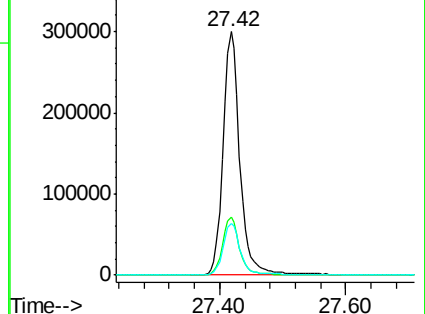
265 21.5 17.3 25.9

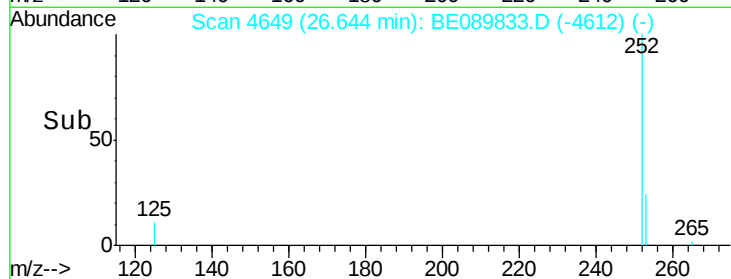
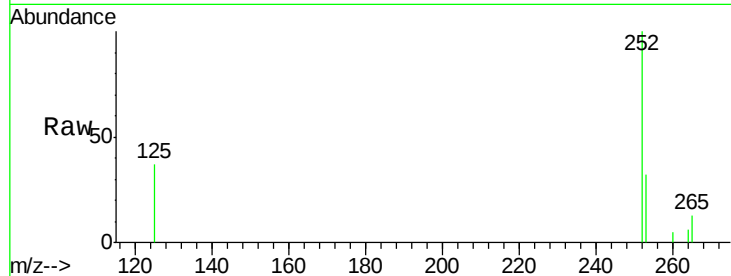
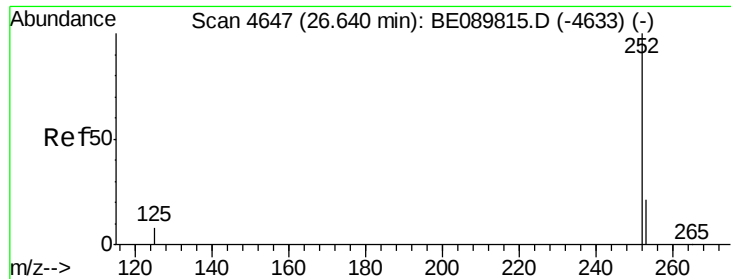


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#26

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 26.64 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BE089833.D

Acq: 25 Mar 2015 5:35

Instrument :

BNA_E

ClientSampleId :

DUP-031715

Tgt Ion: 252 Resp: 8281

Ion Ratio Lower Upper

252 100

253 32.3 17.8 26.6#

125 36.8 8.7 13.1#

