

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
 Data File : BE089496.D
 Acq On : 4 Feb 2015 14:40
 Operator : TP/IZ
 Sample : G1150-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Feb 04 17:36:38 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:53:32 2015
 Response via : Initial Calibration

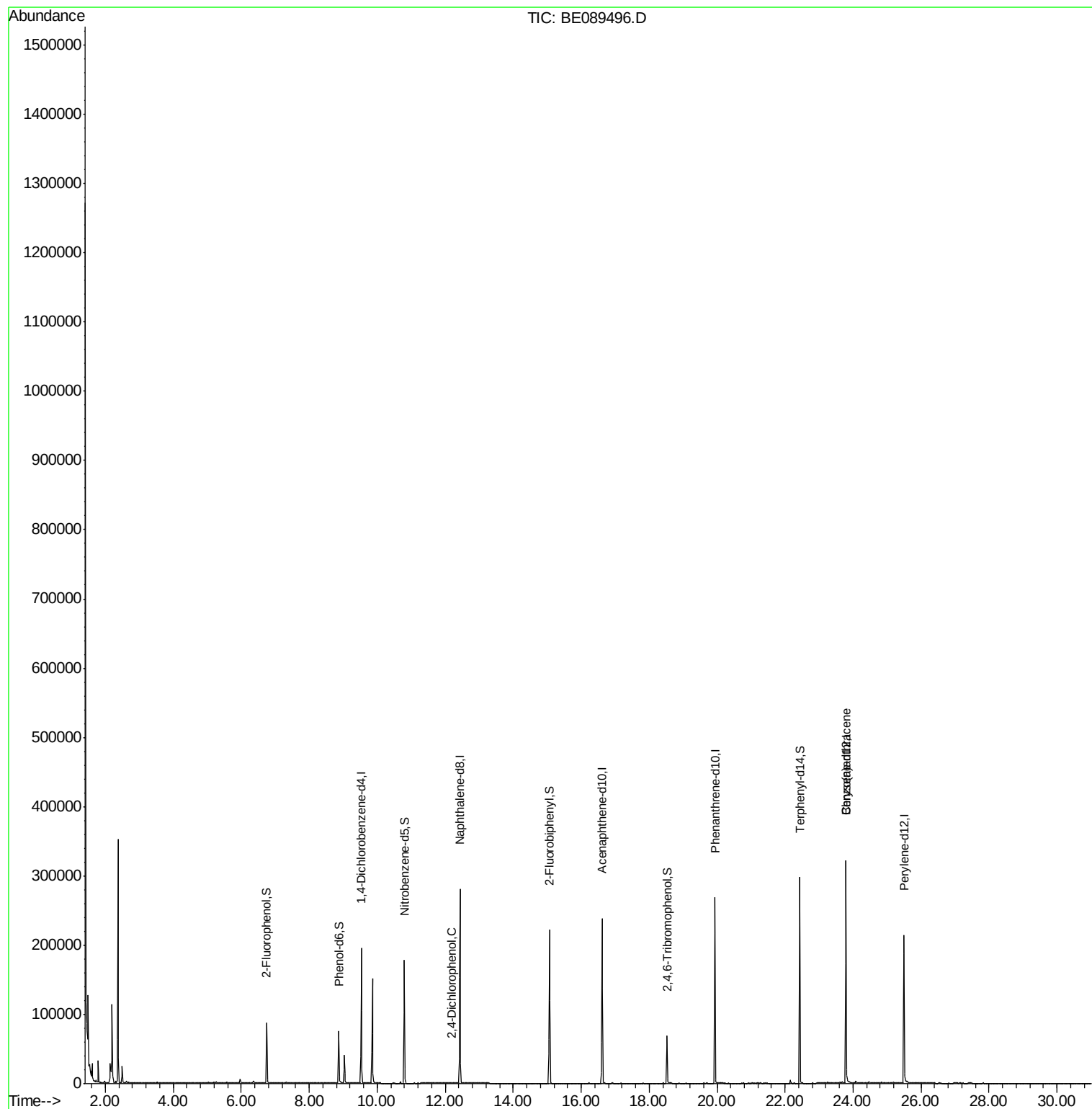
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	76777	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	310712	5.00	ng	0.00
13) Acenaphthene-d10	16.62	164	152594	5.00	ng	0.00
17) Phenanthrene-d10	19.94	188	258004	5.00	ng	0.00
20) Chrysene-d12	23.79	240	241567	5.00	ng	0.00
27) Perylene-d12	25.49	264	190512	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.75	112	65026	2.62	ng	0.03
4) Phenol-d6	8.87	99	66157	2.12	ng	0.04
8) Nitrobenzene-d5	10.80	82	125479	5.34	ng	0.00
14) 2,4,6-Tribromophenol	18.53	330	37288	5.71	ng	0.02
15) 2-Fluorobiphenyl	15.07	172	200368	4.98	ng	0.00
22) Terphenyl-d14	22.43	244	240353	7.02	ng	0.00
Target Compounds						Qvalue
11) 2,4-Dichlorophenol	12.18	162	557	0.04	ng	93
23) Benzo(a)anthracene	23.78	228	4940	0.02	ng	# 87

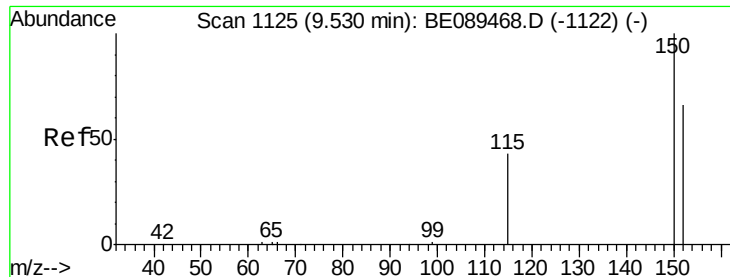
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 04 17:36:38 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:53:32 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

BNA_E

ClientSampleId :

MW-2

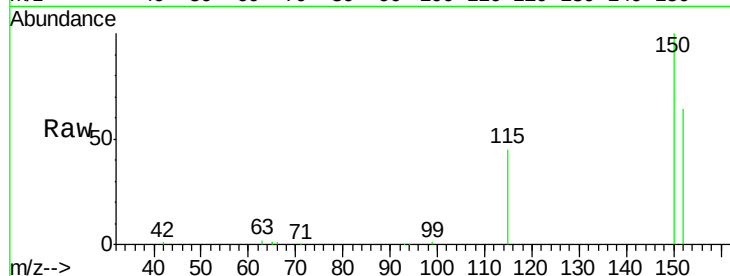
Tgt Ion:152 Resp: 76777

Ion Ratio Lower Upper

152 100

150 156.8 122.1 183.1

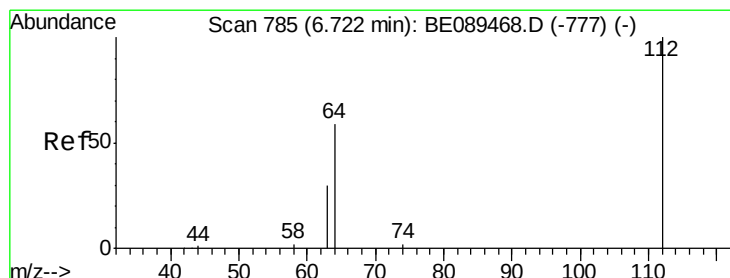
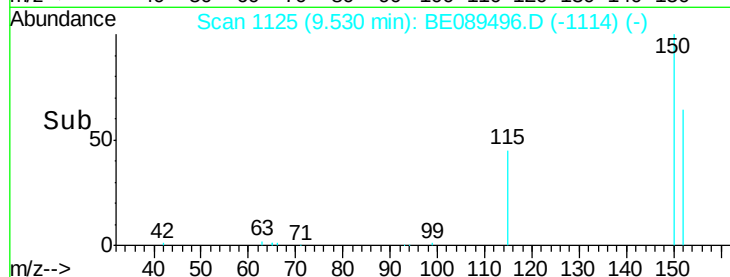
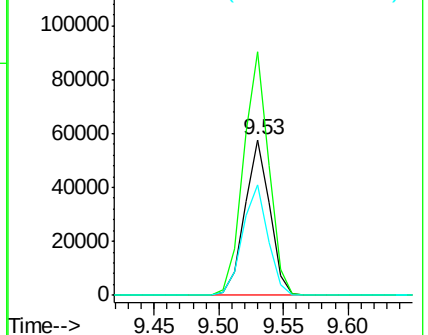
115 70.8 53.2 79.8



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



#3

2-Fluorophenol

Concen: 2.62 ng

RT: 6.75 min Scan# 789

Delta R.T. 0.03 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

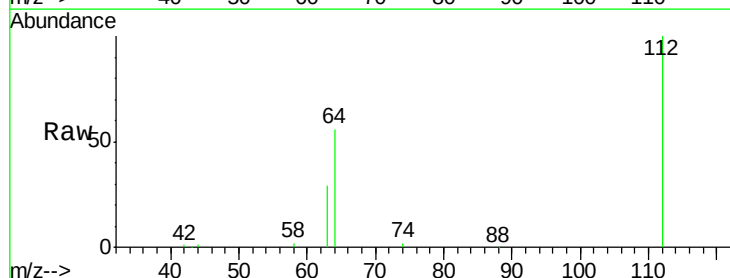
Tgt Ion:112 Resp: 65026

Ion Ratio Lower Upper

112 100

64 55.8 47.0 70.6

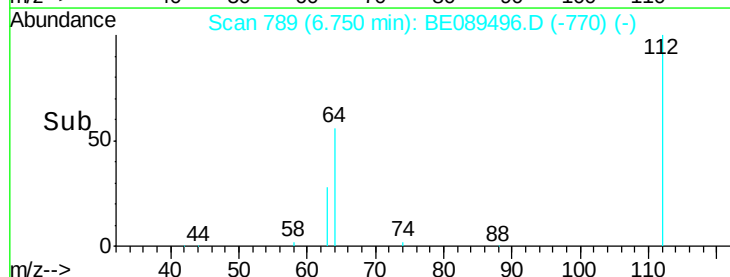
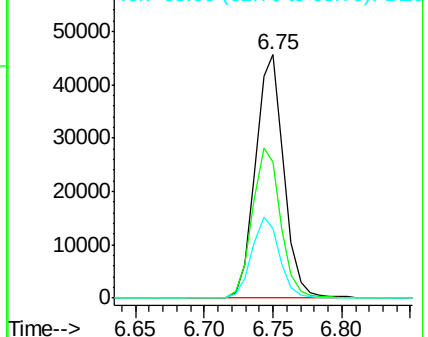
63 28.5 24.2 36.2

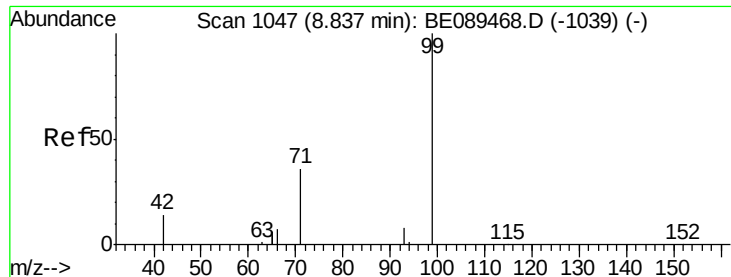


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.12 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.04 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

BNA_E

ClientSampleId :

MW-2

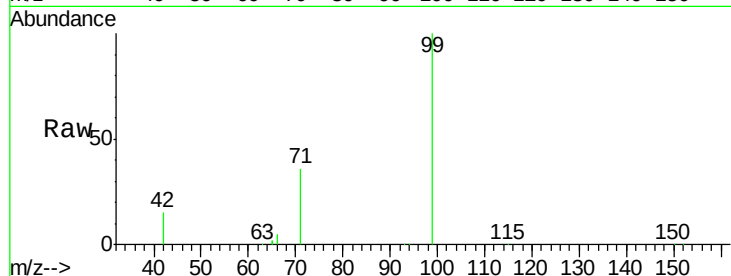
Tgt Ion: 99 Resp: 66157

Ion Ratio Lower Upper

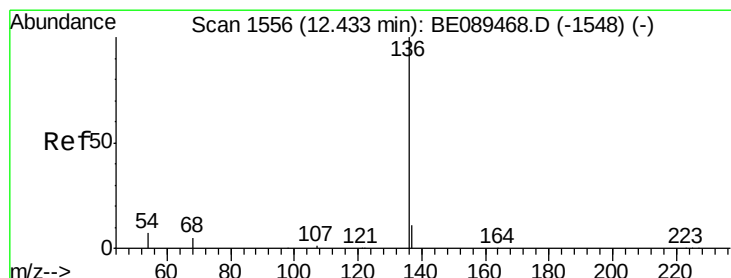
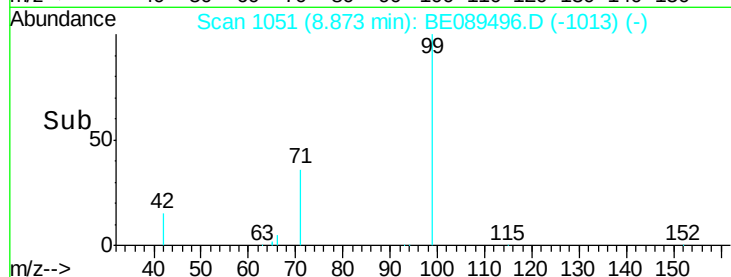
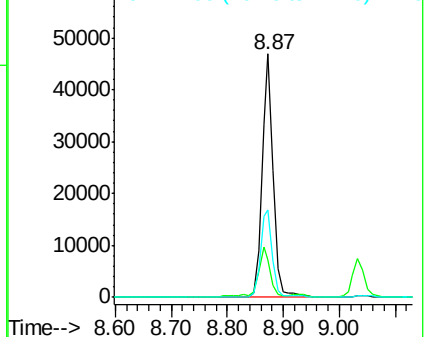
99 100

42 15.5 11.8 17.6

71 36.1 28.7 43.1



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.43 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

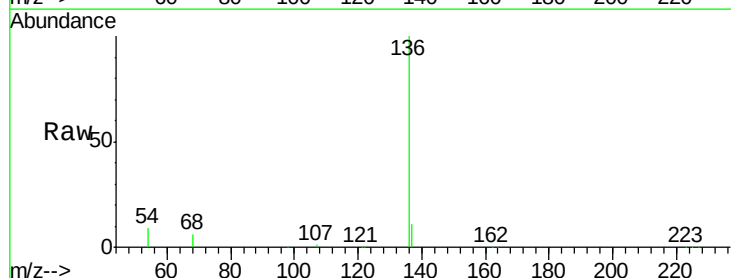
Tgt Ion: 136 Resp: 310712

Ion Ratio Lower Upper

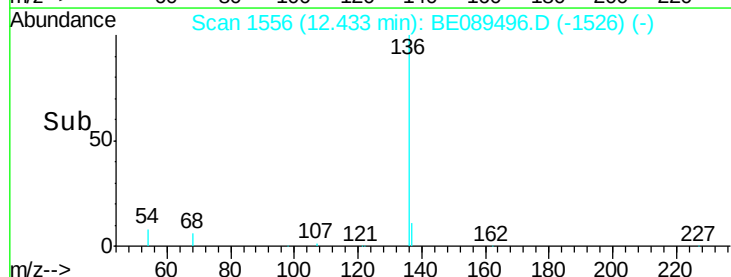
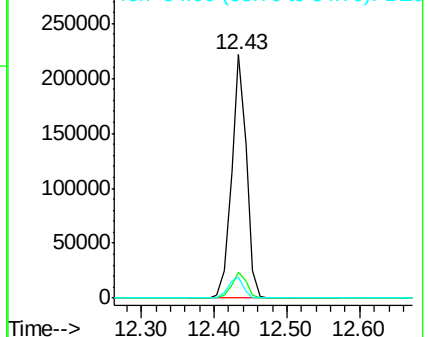
136 100

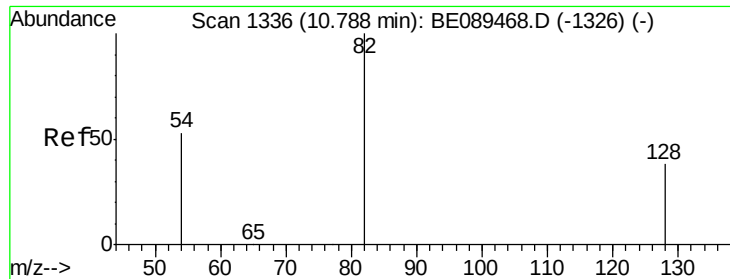
137 10.8 8.6 13.0

54 8.5 5.4 8.0#



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: 5.34 ng

RT: 10.80 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

BNA_E

ClientSampleId :

MW-2

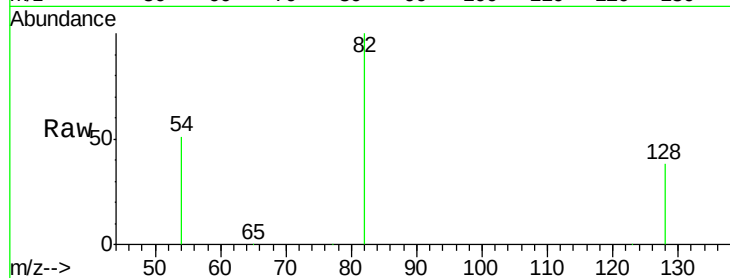
Tgt Ion: 82 Resp: 125479

Ion Ratio Lower Upper

82 100

128 38.5 30.3 45.5

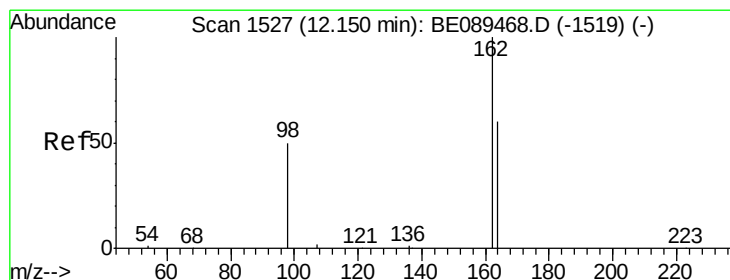
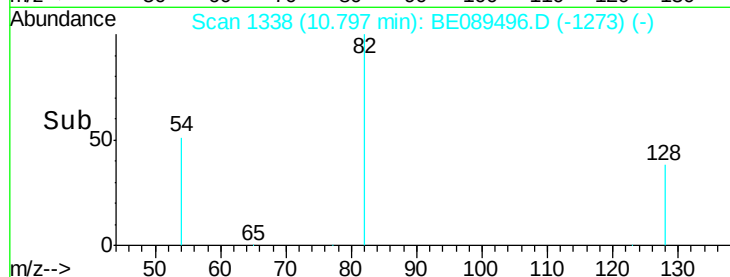
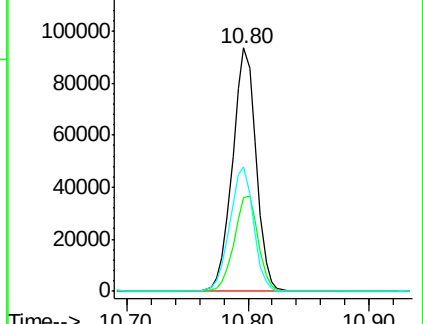
54 51.2 43.1 64.7



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



#11

2,4-Dichlorophenol

Concen: 0.04 ng

RT: 12.18 min Scan# 1530

Delta R.T. 0.03 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

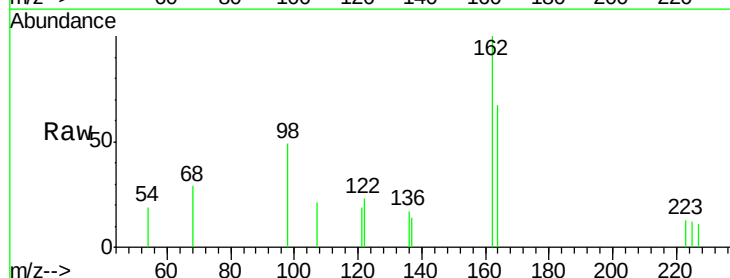
Tgt Ion: 162 Resp: 557

Ion Ratio Lower Upper

162 100

164 67.3 39.9 79.9

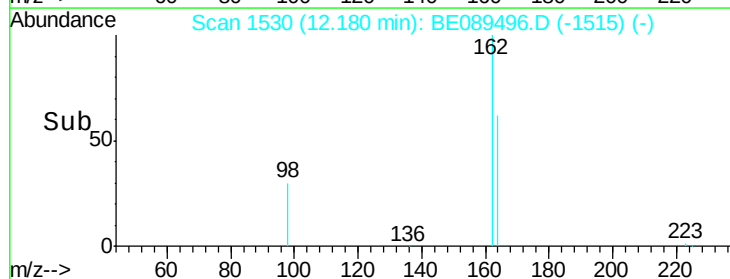
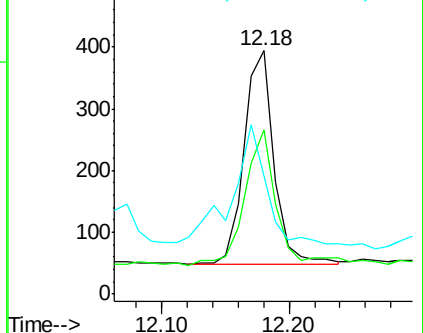
98 48.7 31.3 71.3

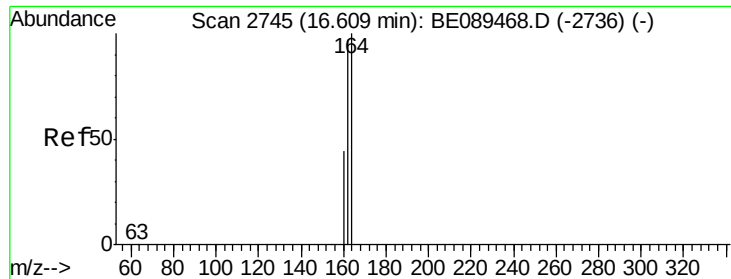


Abundance Ion 162.00 (161.70 to 162.70): BE0

Ion 164.00 (163.70 to 164.70): BE0

Ion 98.00 (97.70 to 98.70): BE0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.62 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

BNA_E

ClientSampleId :

MW-2

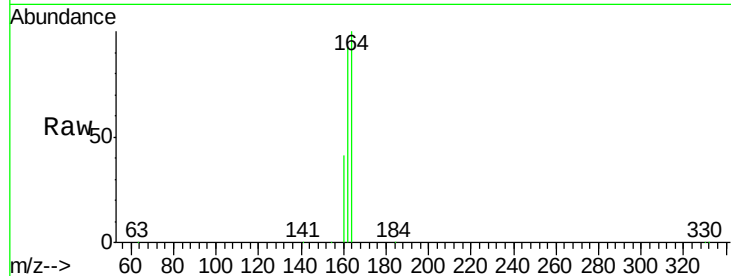
Tgt Ion:164 Resp: 152594

Ion Ratio Lower Upper

164 100

162 92.8 77.6 116.4

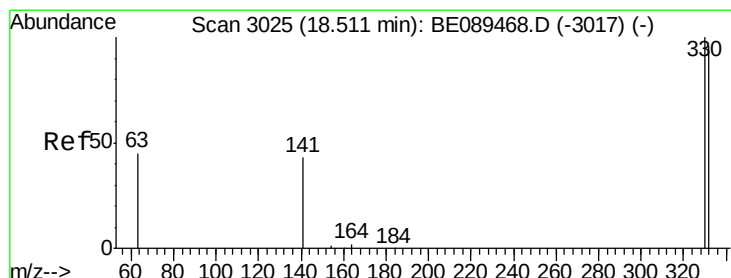
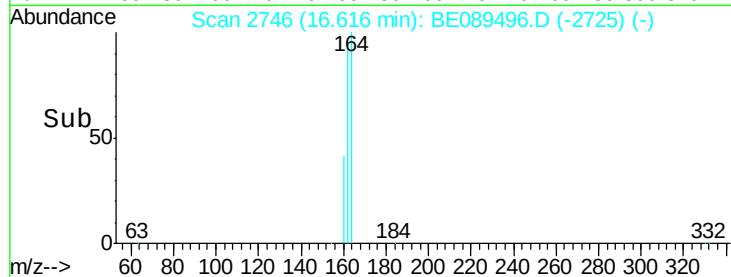
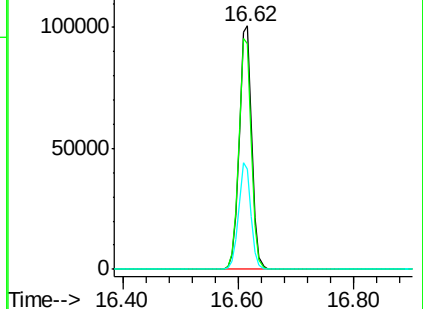
160 41.1 35.6 53.4



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: 5.71 ng

RT: 18.53 min Scan# 3027

Delta R.T. 0.02 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

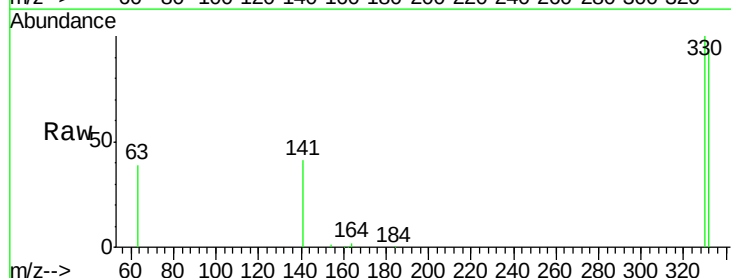
Tgt Ion:330 Resp: 37288

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

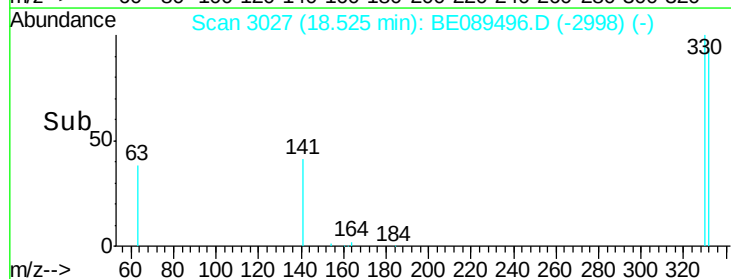
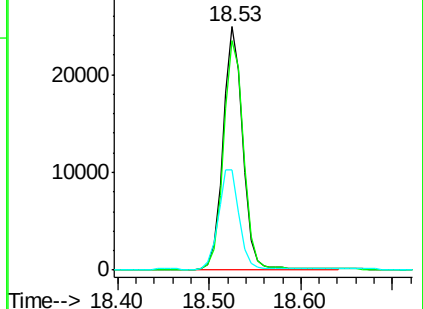
141 43.4 33.8 50.6

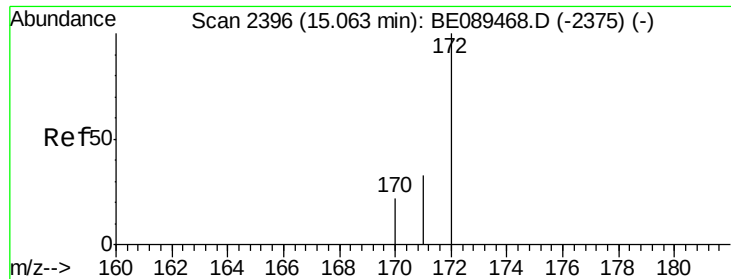


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

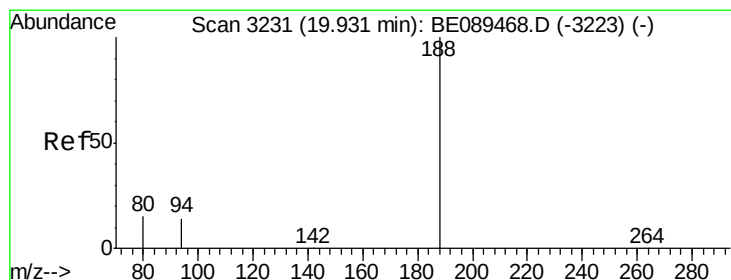
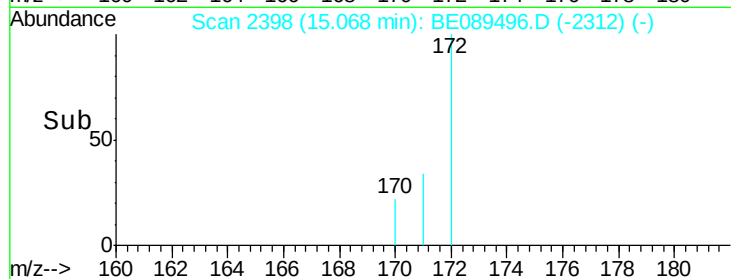
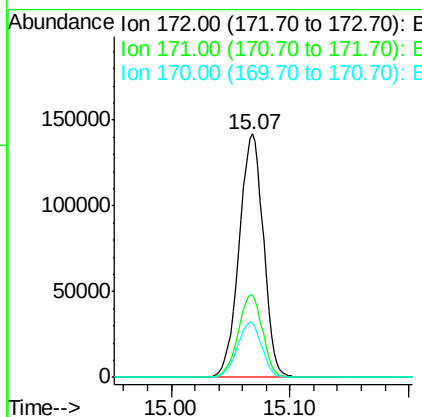
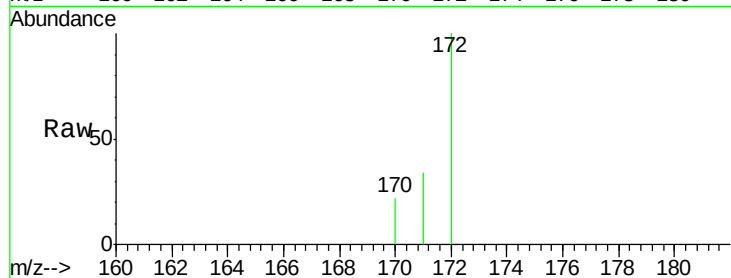




#15
2-Fluorobiphenyl
Concen: 4.98 ng
RT: 15.07 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BE089496.D
Acq: 4 Feb 2015 14:40

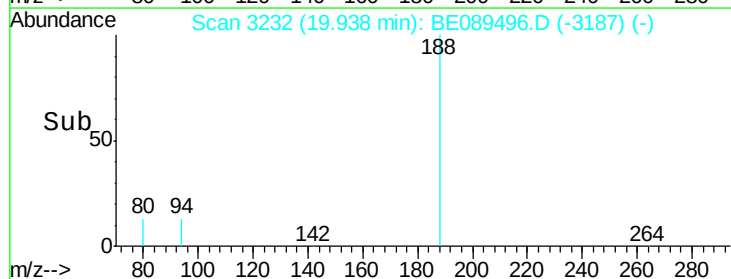
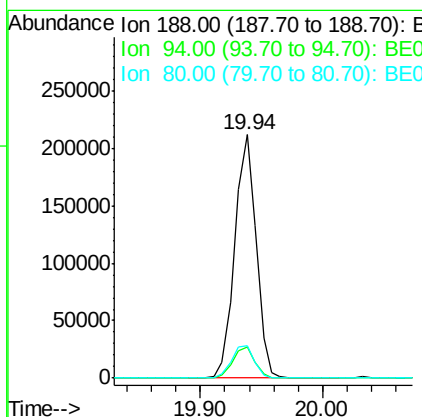
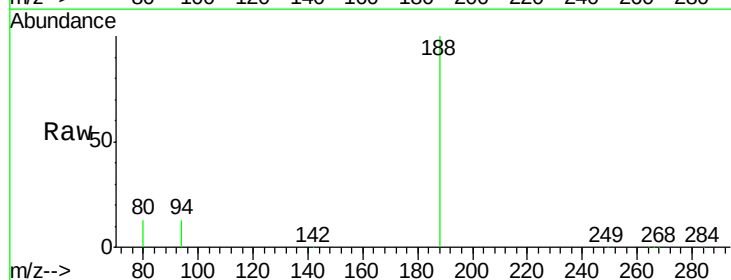
Instrument :
BNA_E
ClientSampleId :
MW-2

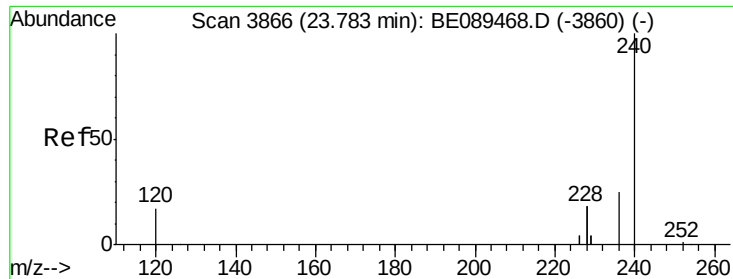
Tgt Ion:172 Resp: 200368
Ion Ratio Lower Upper
172 100
171 34.1 26.8 40.2
170 22.4 17.7 26.5



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089496.D
Acq: 4 Feb 2015 14:40

Tgt Ion:188 Resp: 258004
Ion Ratio Lower Upper
188 100
94 12.8 11.1 16.7
80 13.4 11.8 17.6





#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.79 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

BNA_E

ClientSampleId :

MW-2

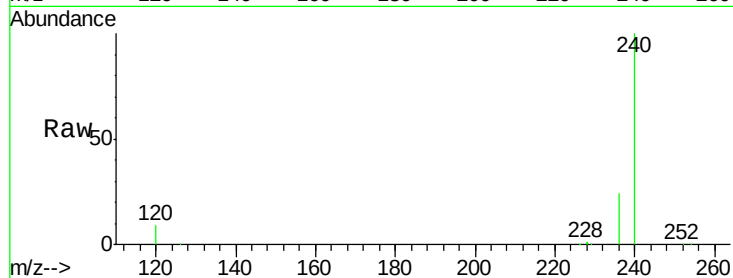
Tgt Ion:240 Resp: 241567

Ion Ratio Lower Upper

240 100

120 8.6 13.8 20.6#

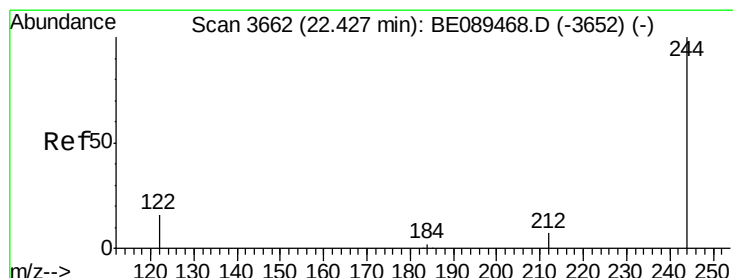
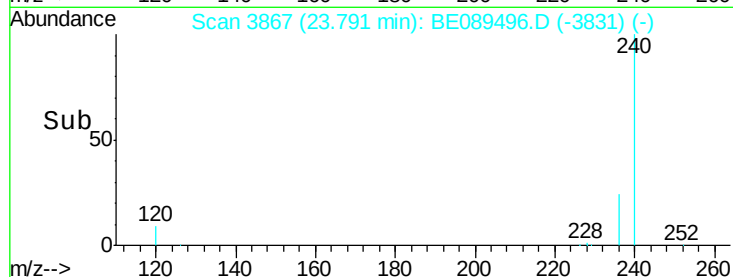
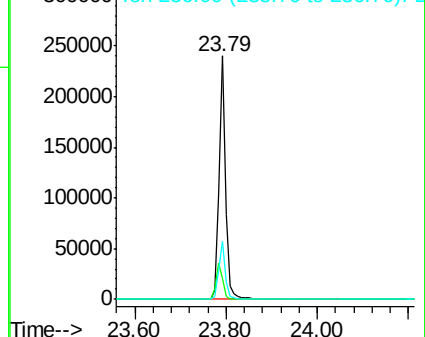
236 23.8 20.2 30.2



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



#22

Terphenyl-d14

Concen: 7.02 ng

RT: 22.43 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

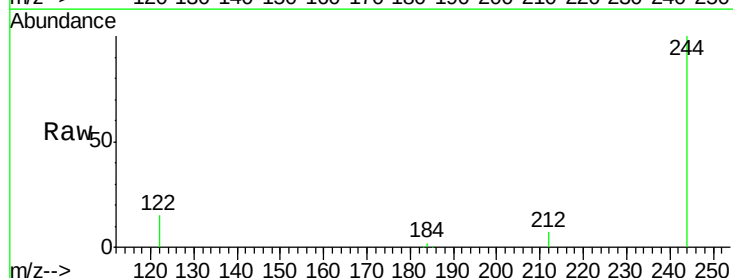
Tgt Ion:244 Resp: 240353

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

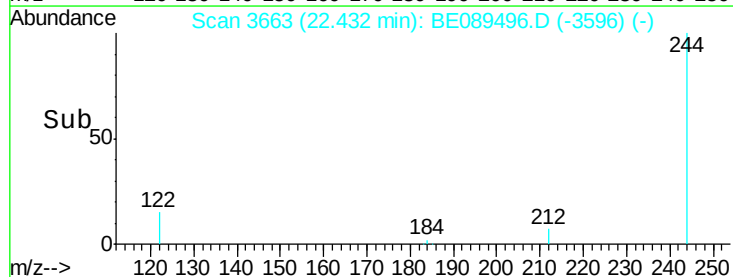
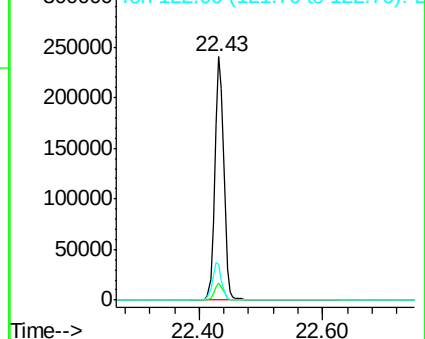
122 14.8 12.6 19.0

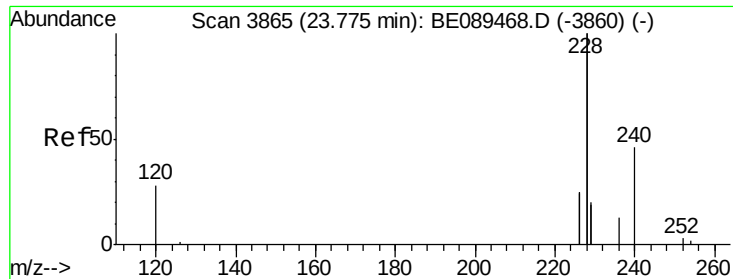


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#23

Benzo(a)anthracene

Concen: 0.02 ng

RT: 23.78 min Scan# 3866

Delta R.T. 0.01 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

Instrument :

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ClientSampleId :

MW-2

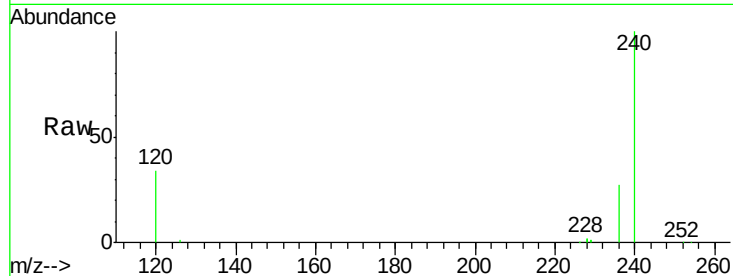
Tgt Ion:228 Resp: 4940

Ion Ratio Lower Upper

228 100

226 23.8 19.6 29.4

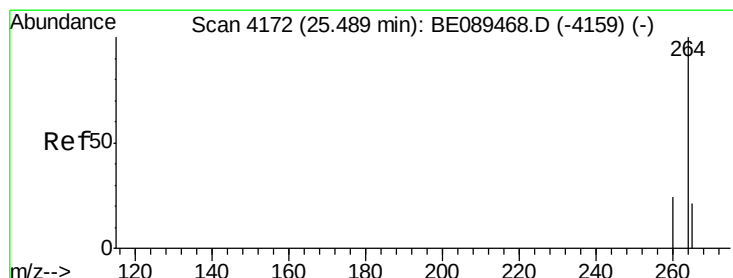
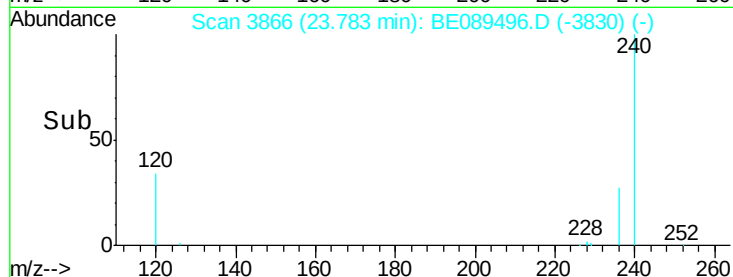
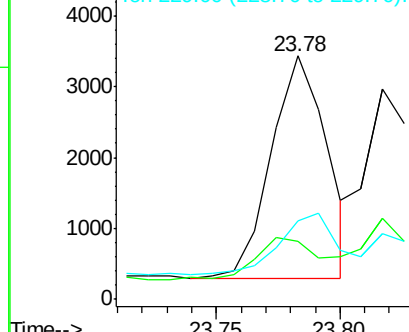
229 32.2 15.9 23.9#



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: 25.49 min Scan# 4173

Delta R.T. 0.01 min

Lab File: BE089496.D

Acq: 4 Feb 2015 14:40

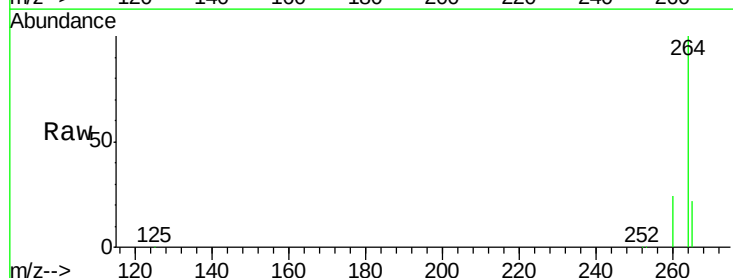
Tgt Ion:264 Resp: 190512

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.0 25.6



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

