

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
 Data File : BE089937.D
 Acq On : 24 Jun 2015 17:50
 Operator : TP/IZ
 Sample : PB84123BL
 Misc : LOD/LOQ-SIM-SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84123BL

Quant Time: Jun 25 03:53:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:27:42 2015
 Response via : Initial Calibration

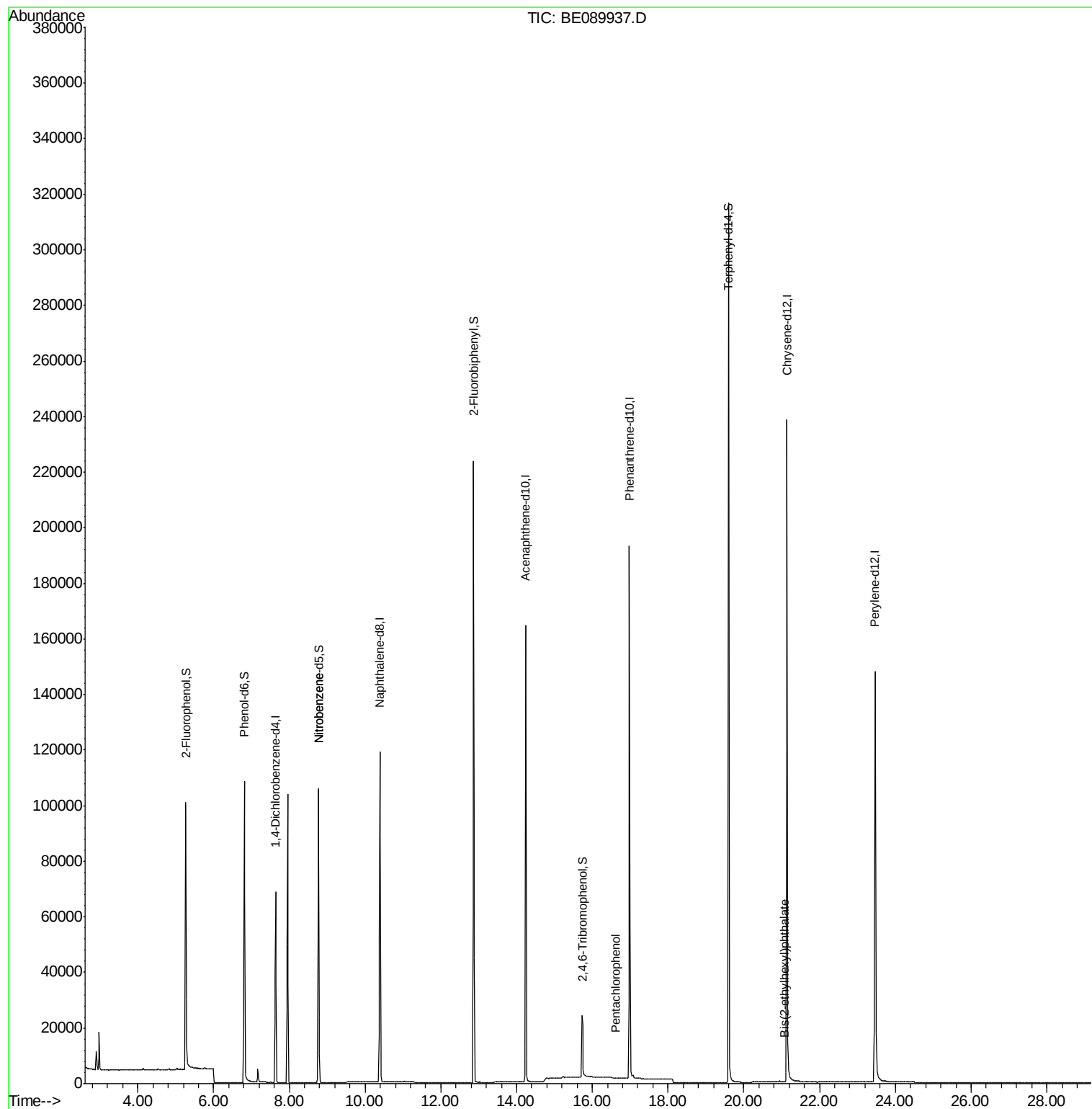
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	32678	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	150216	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	93248	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	229094	5.00	ng	0.00
25) Chrysene-d12	21.14	240	244509	5.00	ng	0.00
32) Perylene-d12	23.47	264	213812	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	69300	11.75	ng	0.00
5) Phenol-d6	6.81	99	106011	11.73	ng	0.00
7) Nitrobenzene-d5	8.77	82	86114	7.70	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	11366	6.95	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	201785	7.43	ng	0.00
27) Terphenyl-d14	19.60	244	330472	7.83	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	7	Below Cal	#	1
8) Nitrobenzene	8.77	77	310	0.03 ng	#	43
17) Fluorene	15.29	166	110	Below Cal	#	8
21) Pentachlorophenol	16.61	266	13	0.37 ng	#	56
30) Bis(2-ethylhexyl)phthalate	21.07	149	114	0.02 ng	#	83

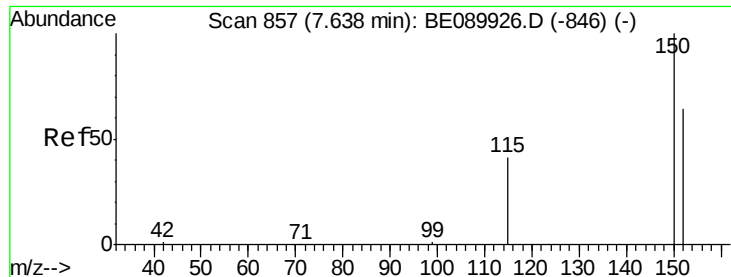
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
Data File : BE089937.D
Acq On : 24 Jun 2015 17:50
Operator : TP/IZ
Sample : PB84123BL
Misc : LOD/LOQ-SIM-SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84123BL

Quant Time: Jun 25 03:53:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:27:42 2015
Response via : Initial Calibration



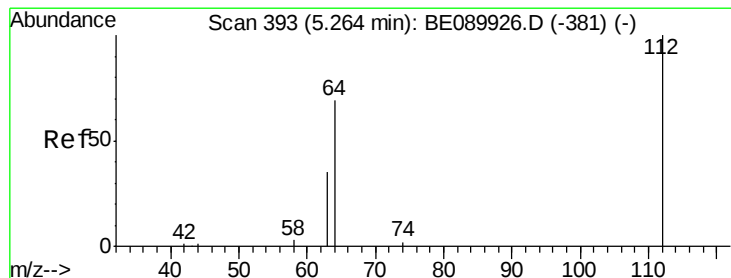
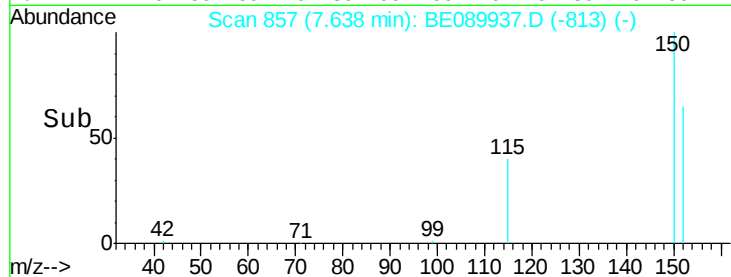
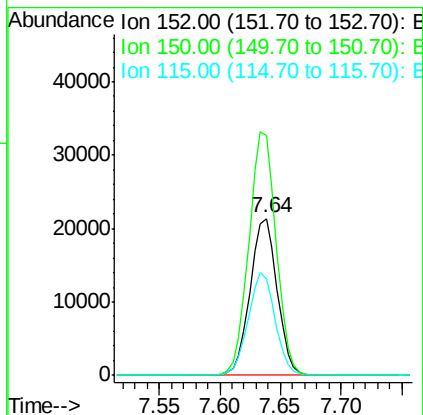
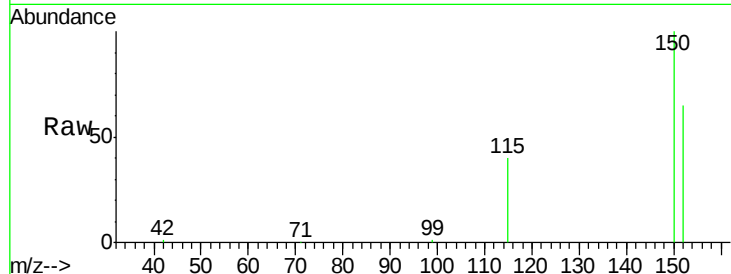


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Instrument :
BNA_E
ClientSampleId :
PB84123BL

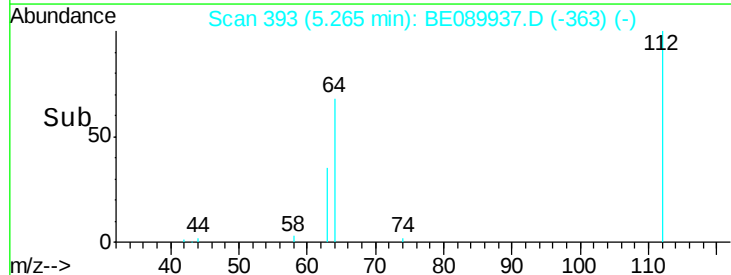
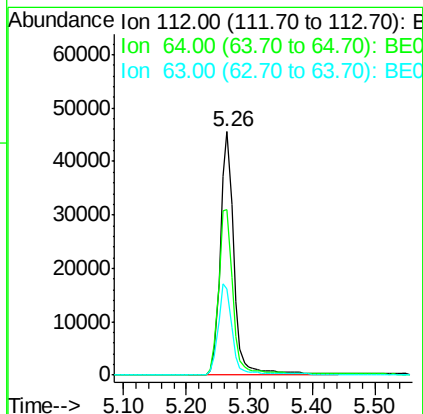
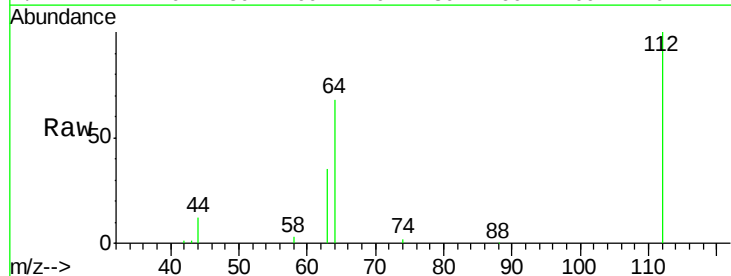
Tgt Ion:152 Resp: 32678
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.3 51.6 77.4

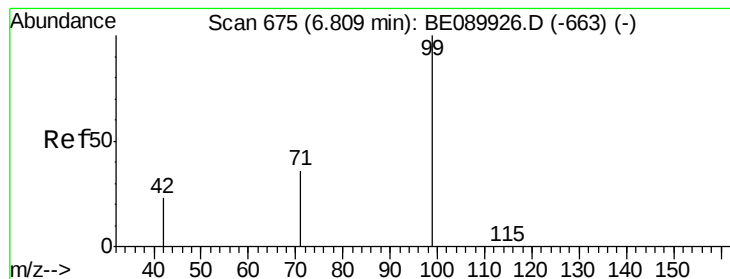


#4

2-Fluorophenol
Concen: 11.75 ng
RT: 5.26 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Tgt Ion:112 Resp: 69300
Ion Ratio Lower Upper
112 100
64 72.5 57.4 86.2
63 38.9 31.2 46.8





#5

Phenol-d6

Concen: 11.73 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

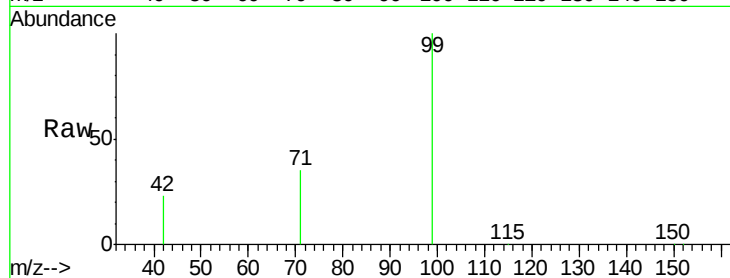
Tgt Ion: 99 Resp: 106011

Ion Ratio Lower Upper

99 100

42 23.4 19.5 29.3

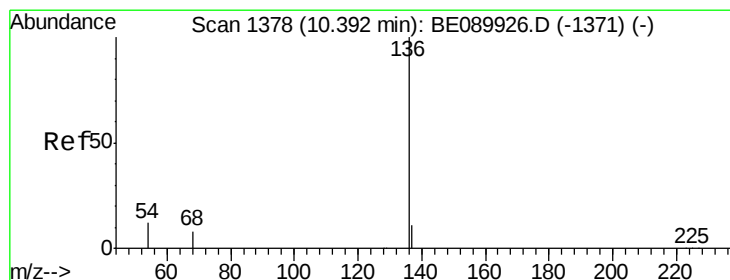
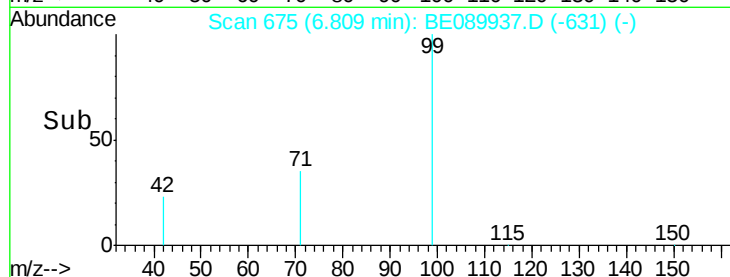
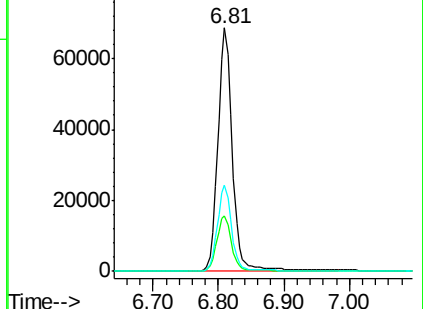
71 35.2 27.8 41.6



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Tgt Ion: 136 Resp: 150216

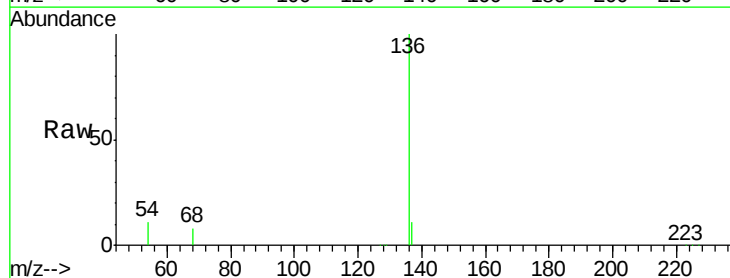
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.1 9.7 14.5

68 7.5 6.5 9.7

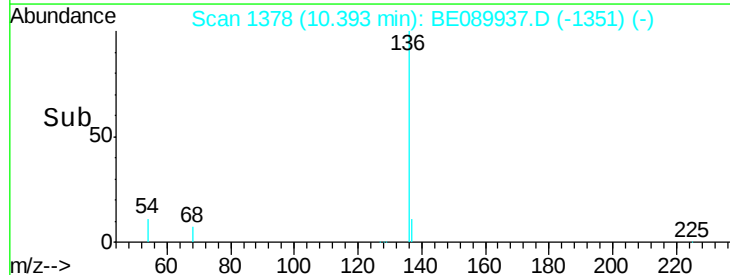
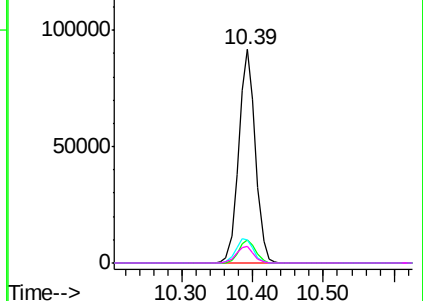


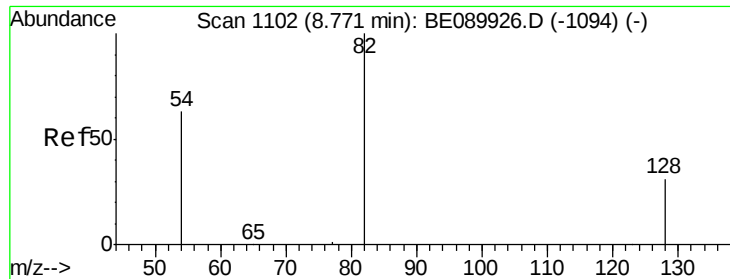
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 7.70 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

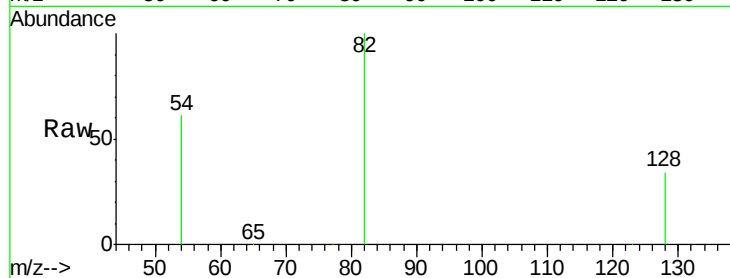
Tgt Ion: 82 Resp: 86114

Ion Ratio Lower Upper

82 100

128 34.0 25.6 38.4

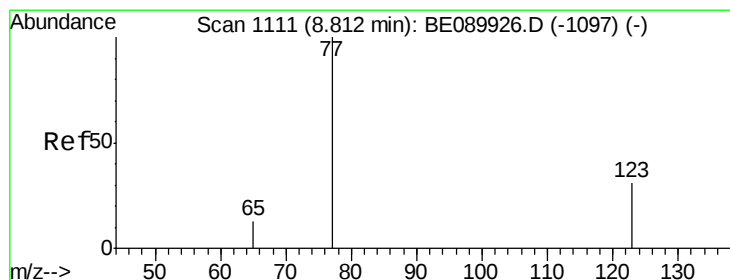
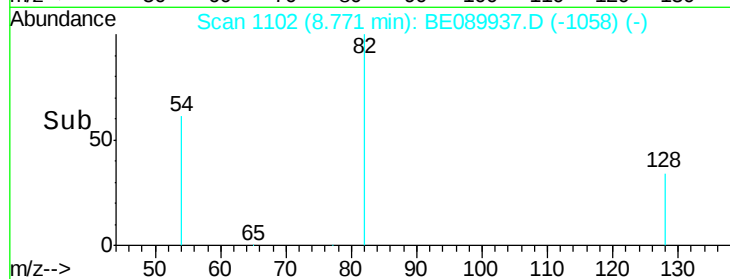
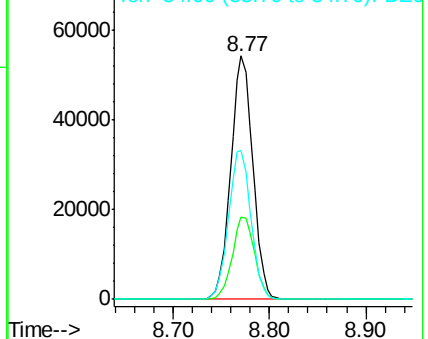
54 61.1 51.2 76.8



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



#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

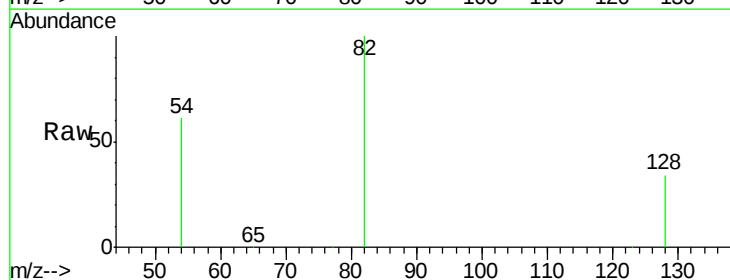
Tgt Ion: 77 Resp: 310

Ion Ratio Lower Upper

77 100

123 1.3 26.6 39.8#

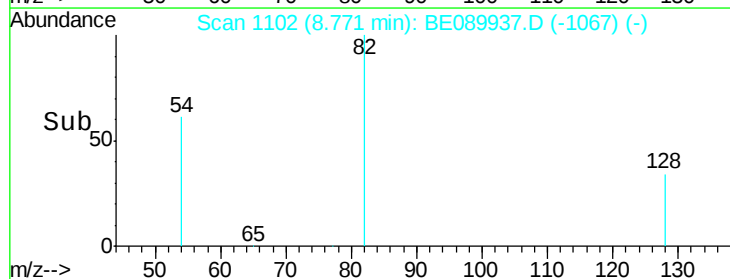
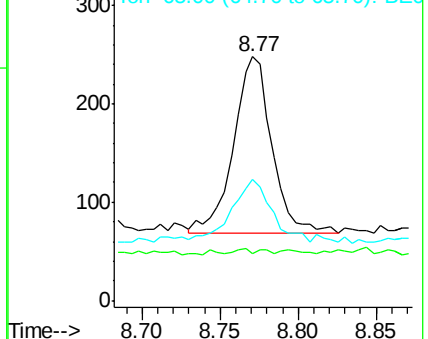
65 35.8 10.2 15.4#

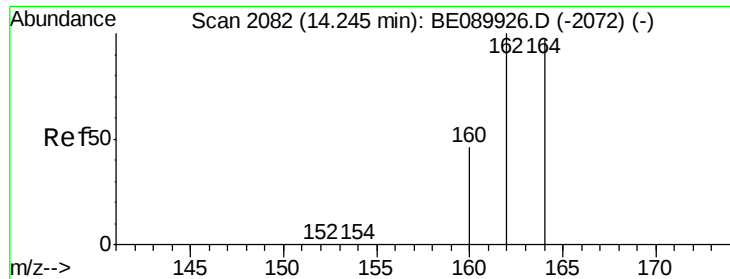


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

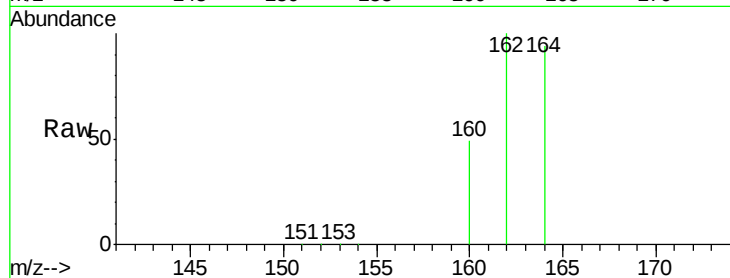
Tgt Ion:164 Resp: 93248

Ion Ratio Lower Upper

164 100

162 106.5 82.7 124.1

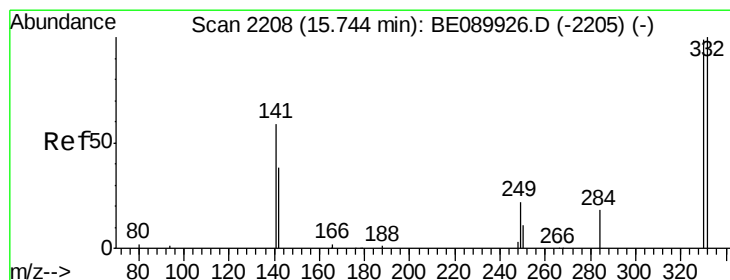
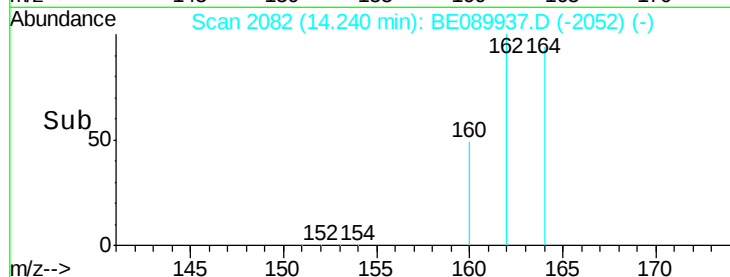
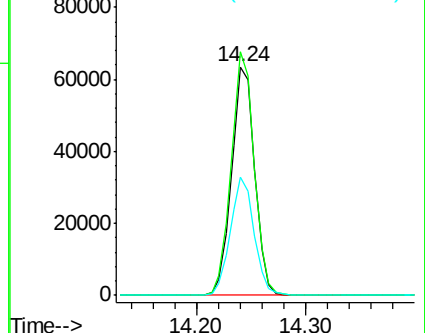
160 51.8 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 6.95 ng

RT: 15.74 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

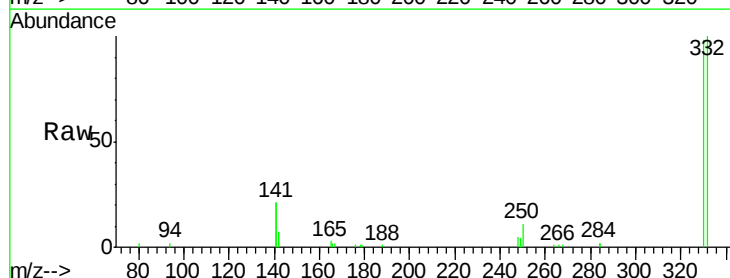
Tgt Ion:330 Resp: 11366

Ion Ratio Lower Upper

330 100

332 98.2 77.9 116.9

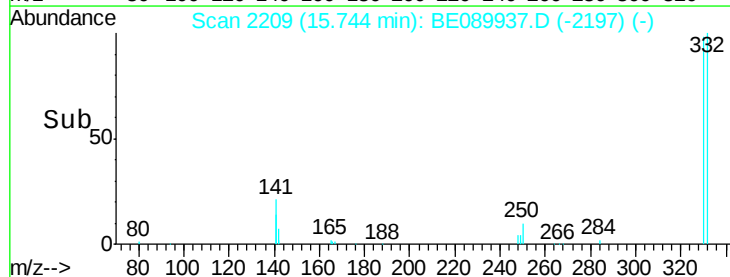
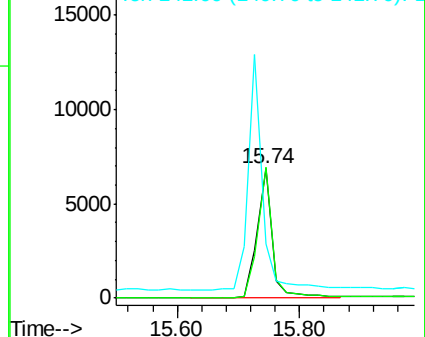
141 175.7 142.8 214.2

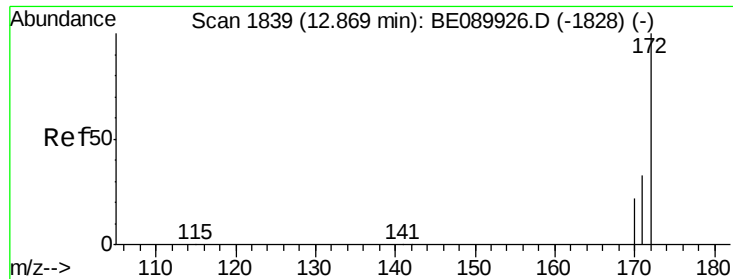


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

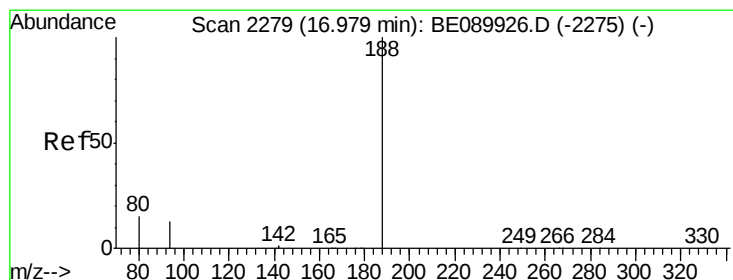
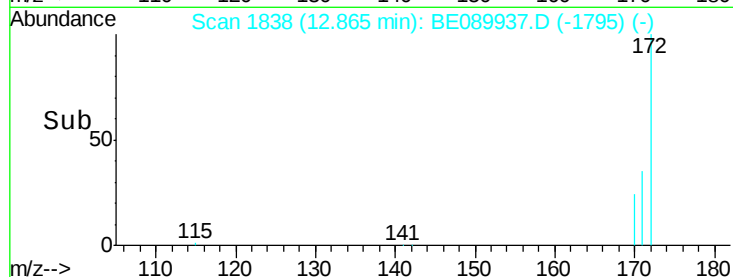
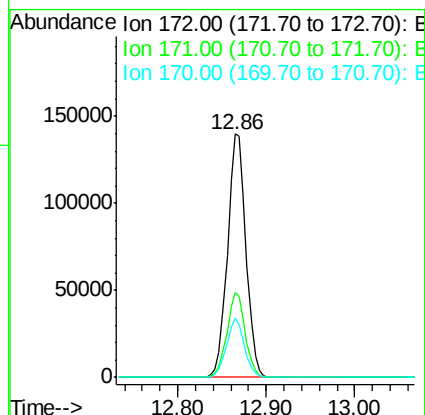
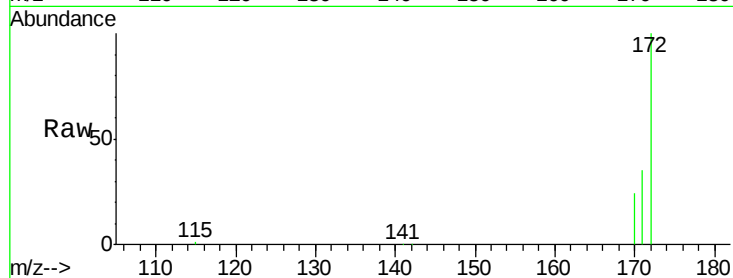




#14
2-Fluorobiphenyl
Concen: 7.43 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

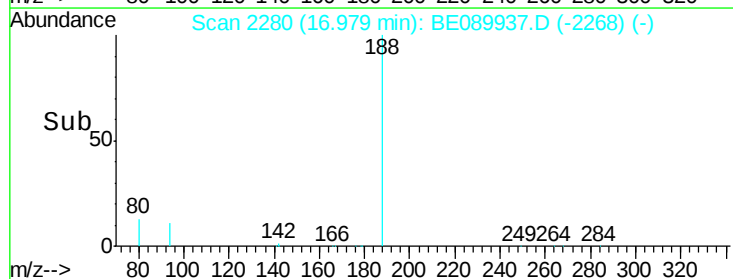
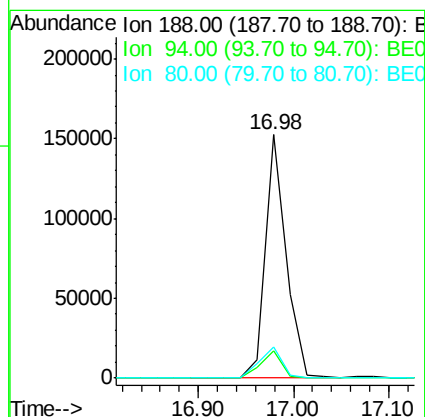
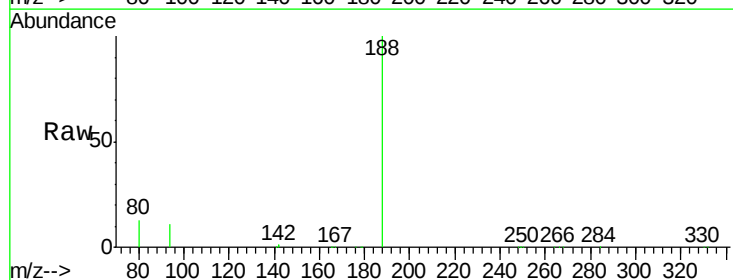
Instrument :
BNA_E
ClientSampleId :
PB84123BL

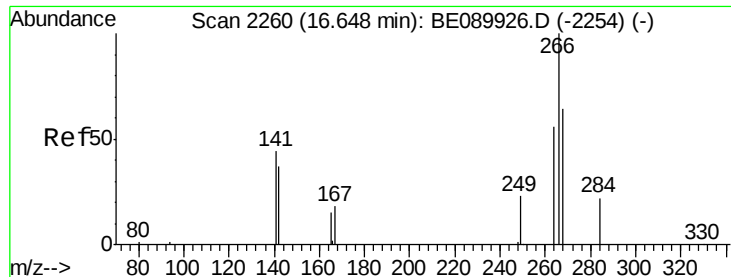
Tgt Ion:172 Resp: 201785
Ion Ratio Lower Upper
172 100
171 35.1 26.7 40.1
170 24.4 17.5 26.3



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Tgt Ion:188 Resp: 229094
Ion Ratio Lower Upper
188 100
94 11.5 10.6 16.0
80 12.9 11.8 17.6





#21

Pentachlorophenol

Concen: 0.37 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

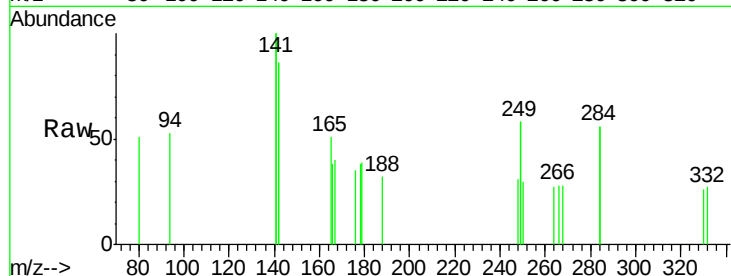
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

268 100.0 54.4 81.6#

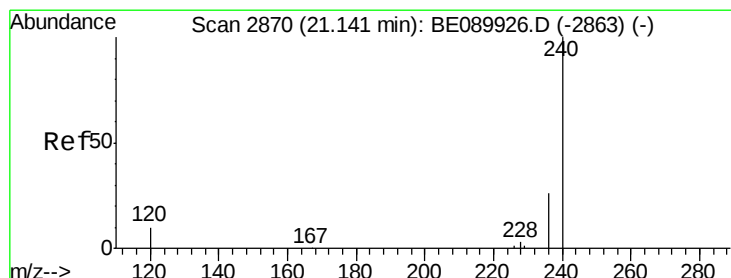
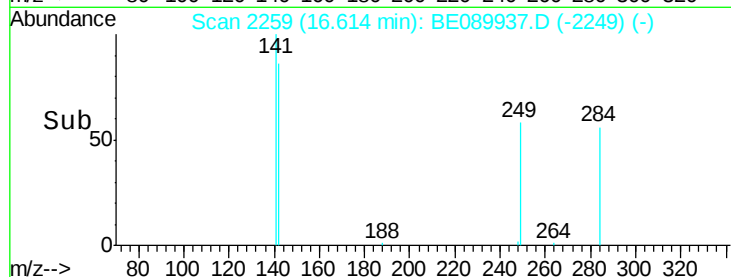
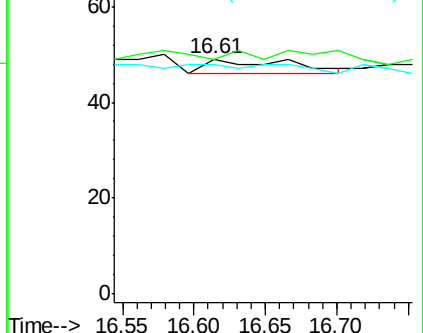
264 98.0 48.2 72.2#



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: 21.14 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

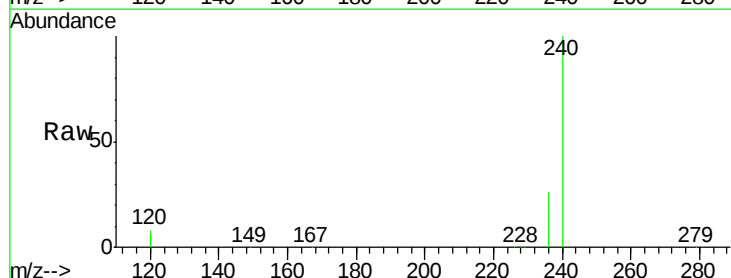
Tgt Ion:240 Resp: 244509

Ion Ratio Lower Upper

240 100

120 8.5 7.9 11.9

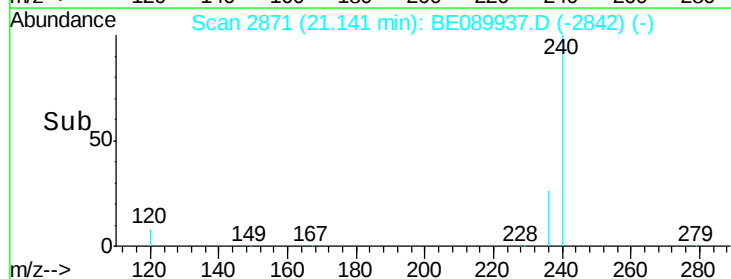
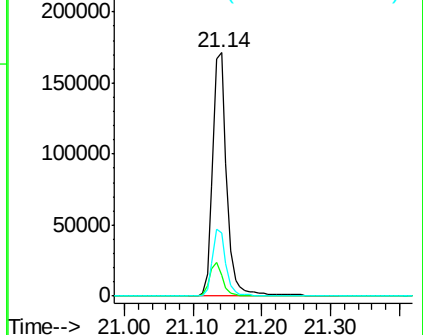
236 25.8 21.2 31.8

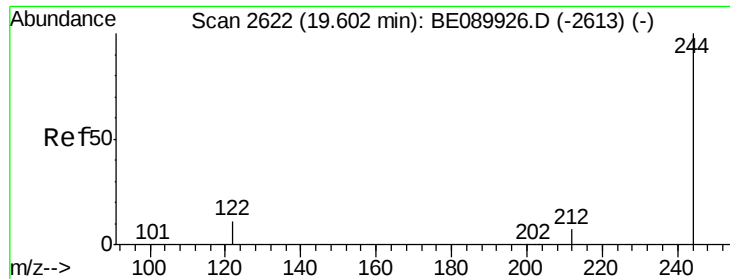


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 7.83 ng

RT: 19.60 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

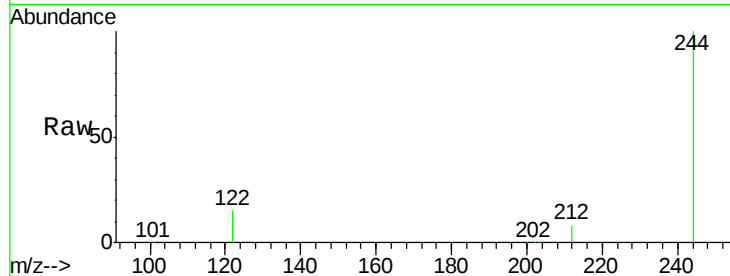
Tgt Ion:244 Resp: 330472

Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

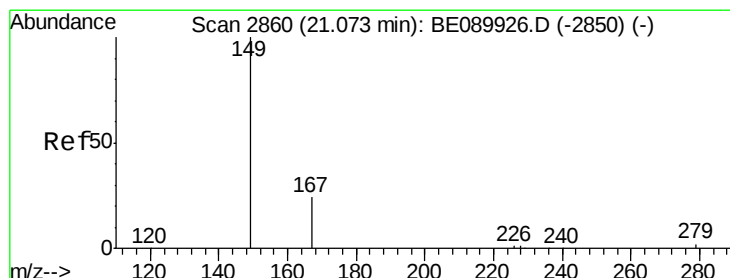
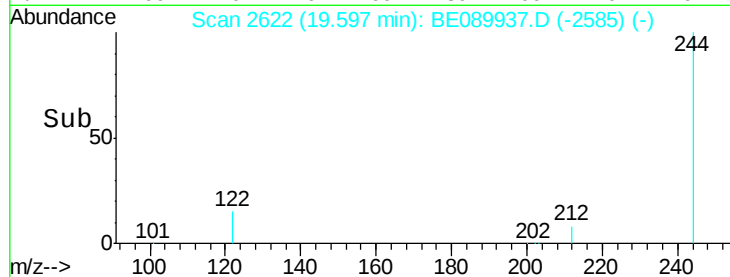
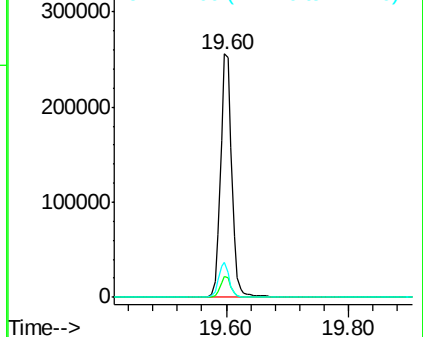
122 14.6 8.7 13.1#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

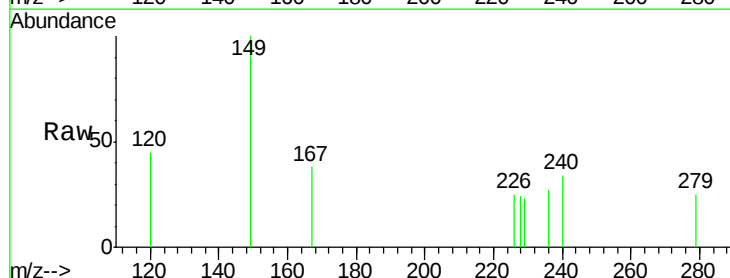
Tgt Ion:149 Resp: 114

Ion Ratio Lower Upper

149 100

167 17.5 20.3 30.5#

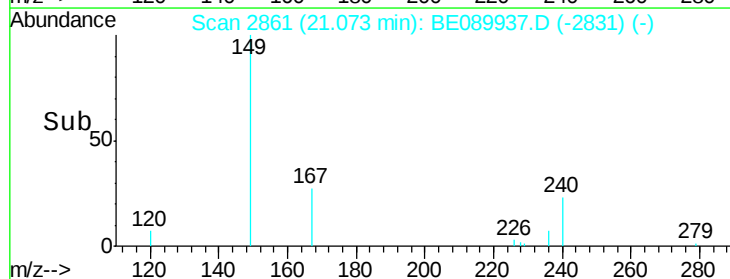
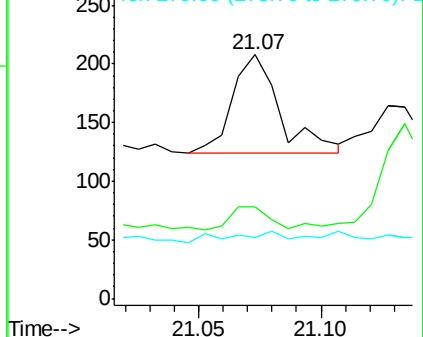
279 11.4 2.7 4.1#

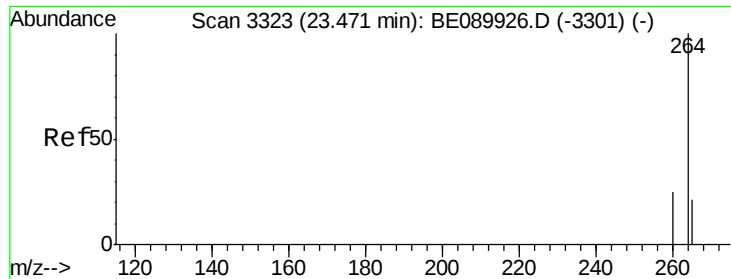


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.47 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BE089937.D

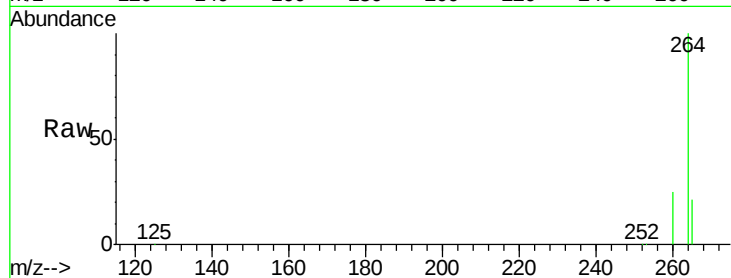
Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL



Tgt Ion:	264	Resp:	213812
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.8	29.6
265	21.3	17.3	25.9

