

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089959.D
 Acq On : 27 Jun 2015 2:47
 Operator : TP/IZ
 Sample : PB84123BL
 Misc : LOD/LOQ-SIM-SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84123BL

Quant Time: Jun 27 06:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

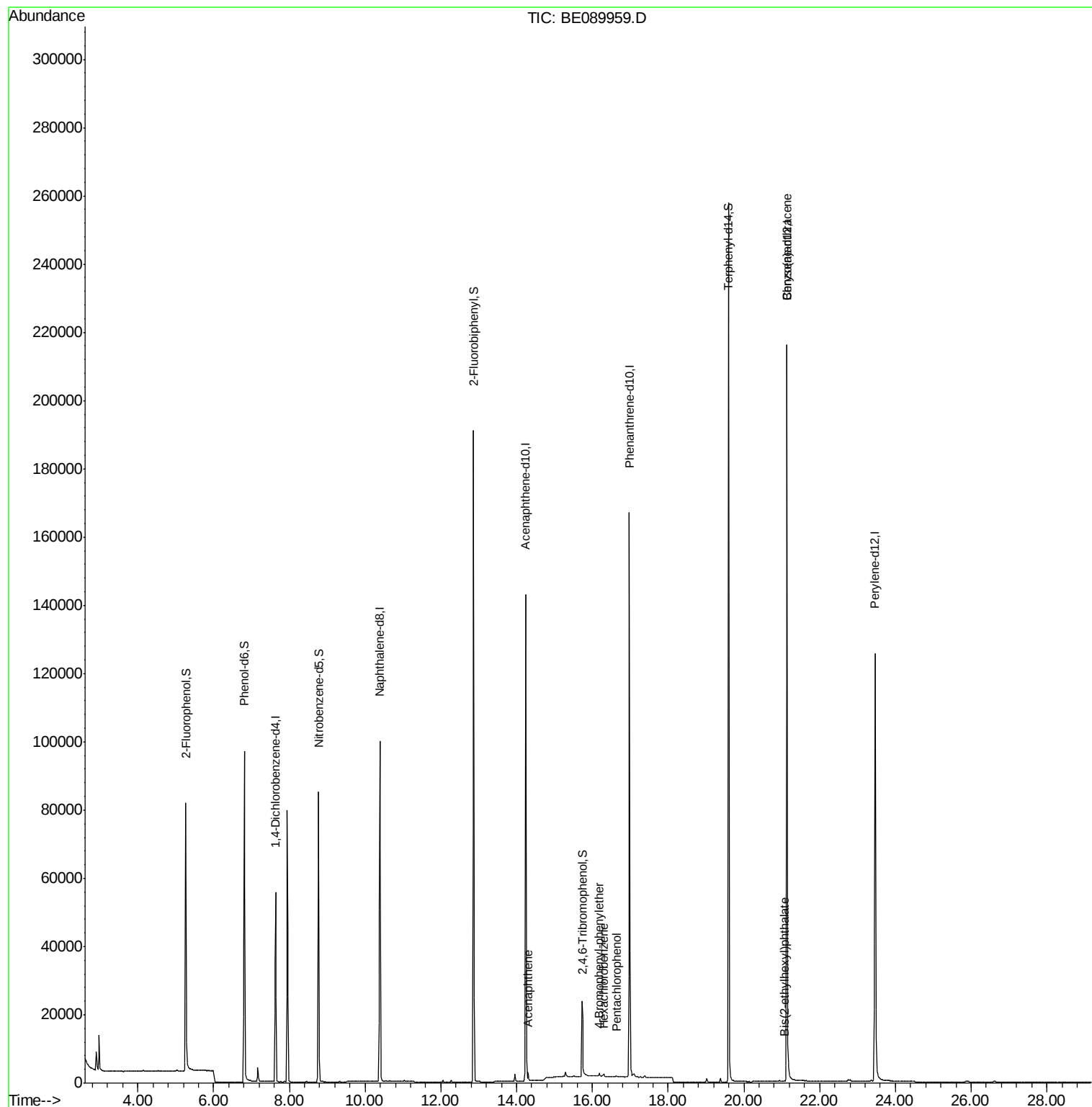
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26159	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	126756	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	79787	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	192337	5.00	ng	0.00
25) Chrysene-d12	21.13	240	206875	5.00	ng	0.00
32) Perylene-d12	23.47	264	178037	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	57316	12.14	ng	0.00
5) Phenol-d6	6.81	99	95211	13.16	ng	0.00
7) Nitrobenzene-d5	8.77	82	69415	7.35	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	10798	7.69	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	172346	7.41	ng	0.00
27) Terphenyl-d14	19.60	244	268640	7.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	15	Below Cal		Qvalue # 16
16) Acenaphthene	14.30	154	417	0.02	ng	91
19) 4-Bromophenyl-phenylether	16.18	248	168	0.02	ng	86
20) Hexachlorobenzene	16.30	284	756	0.02	ng	# 82
21) Pentachlorophenol	16.63	266	147	0.51	ng	# 85
28) Benzo(a)anthracene	21.13	228	1587	0.03	ng	# 89
30) Bis(2-ethylhexyl)phthalate	21.07	149	186	0.04	ng	# 93

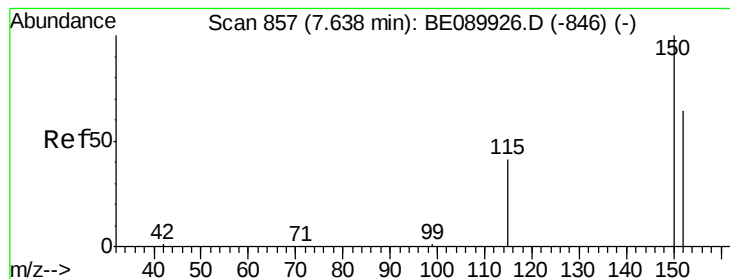
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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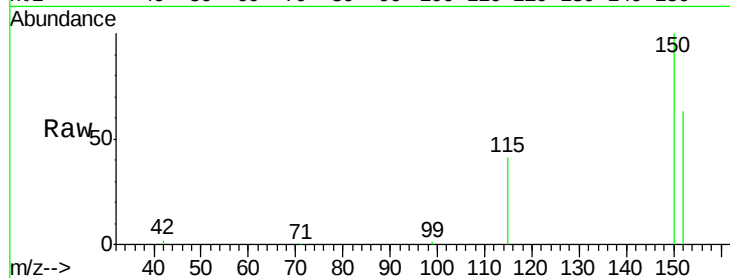


#1

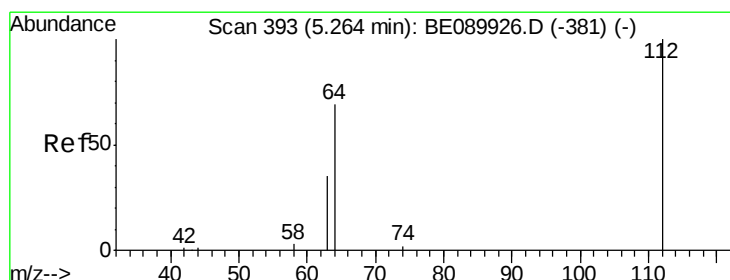
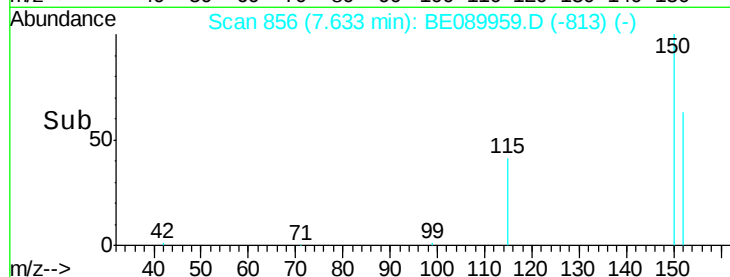
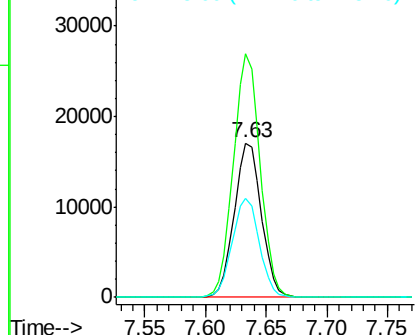
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089959.D
Acq: 27 Jun 2015 2:47

Instrument :
BNA_E
ClientSampleId :
PB84123BL

Tgt Ion:152 Resp: 26159
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.2 51.6 77.4



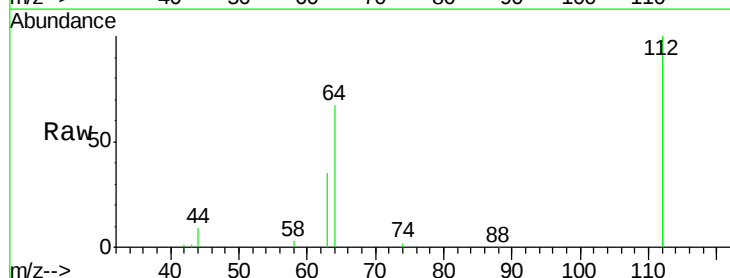
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



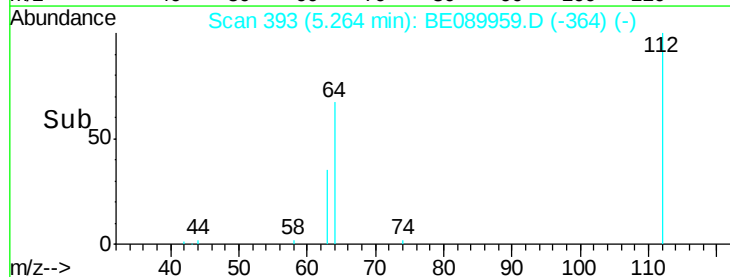
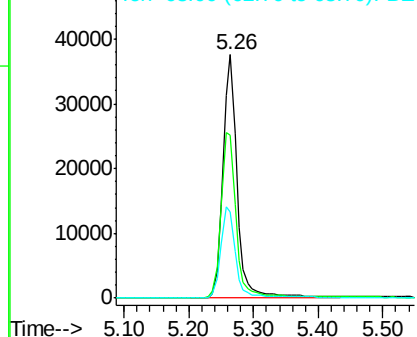
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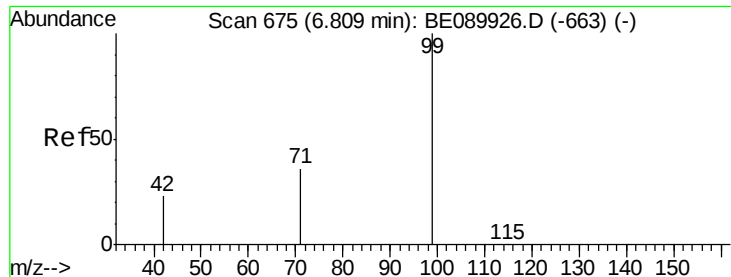
2-Fluorophenol
Concen: 12.14 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089959.D
Acq: 27 Jun 2015 2:47

Tgt Ion:112 Resp: 57316
Ion Ratio Lower Upper
112 100
64 72.1 57.4 86.2
63 38.9 31.2 46.8



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: 13.16 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

Instrument :

BNA_E

ClientSampleId :

PB84123BL

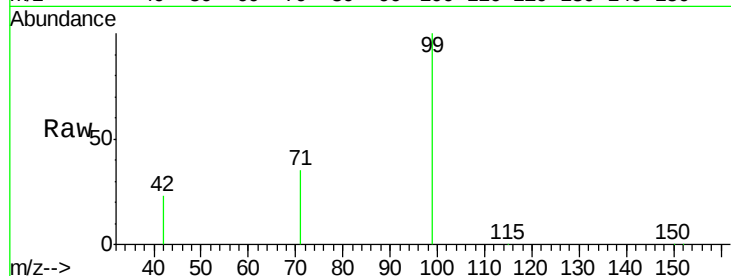
Tgt Ion: 99 Resp: 95211

Ion Ratio Lower Upper

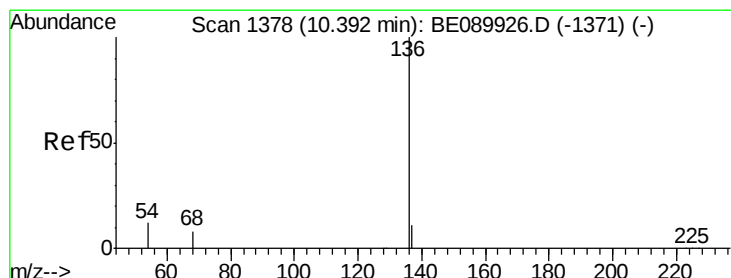
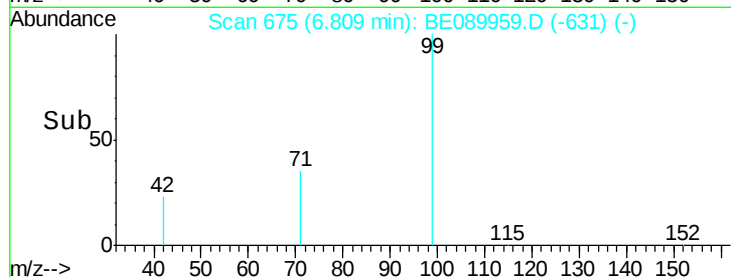
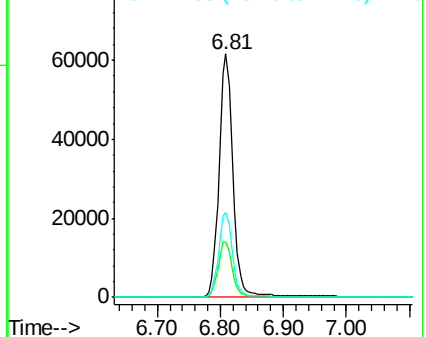
99 100

42 23.4 19.5 29.3

71 34.7 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: BE089959.D

Acq: 27 Jun 2015 2:47

Tgt Ion: 136 Resp: 126756

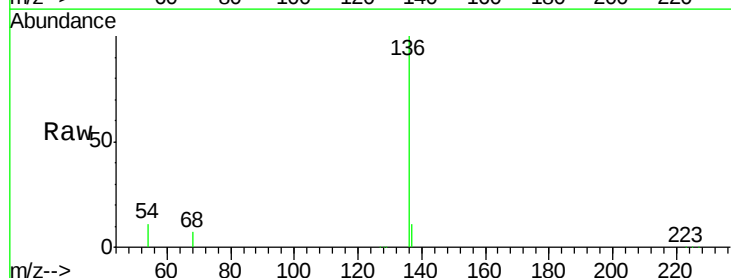
Ion Ratio Lower Upper

136 100

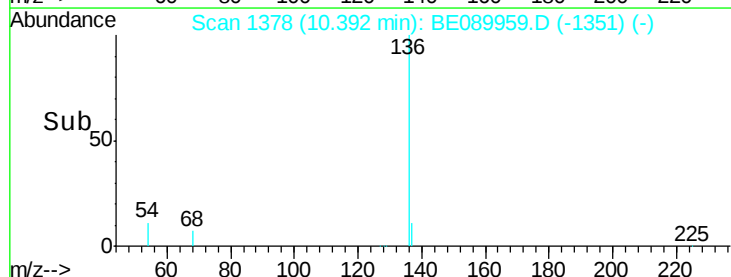
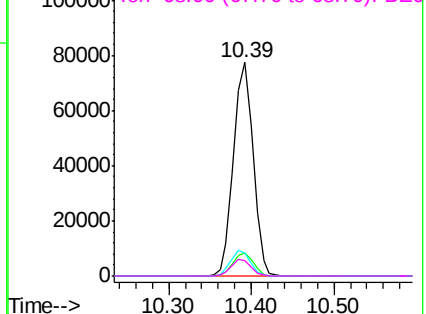
137 11.0 8.7 13.1

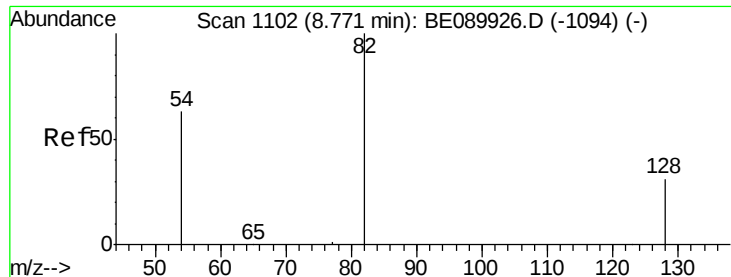
54 10.7 9.7 14.5

68 7.3 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: 7.35 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

Instrument :

BNA_E

ClientSampleId :

PB84123BL

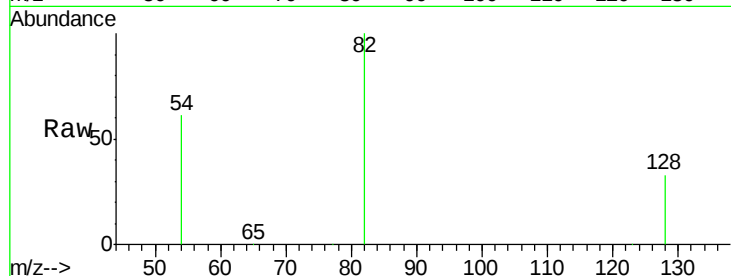
Tgt Ion: 82 Resp: 69415

Ion Ratio Lower Upper

82 100

128 33.5 25.6 38.4

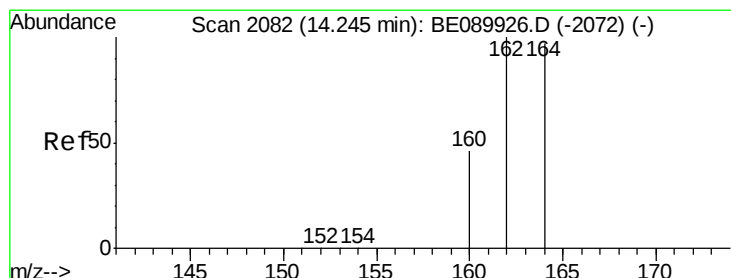
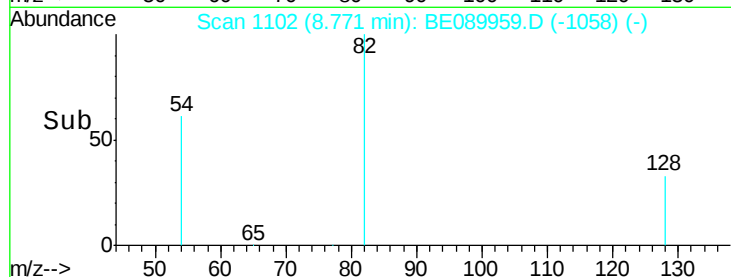
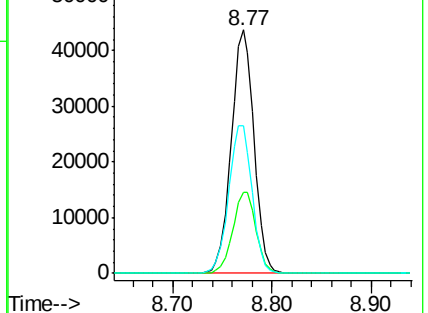
54 60.9 51.2 76.8



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

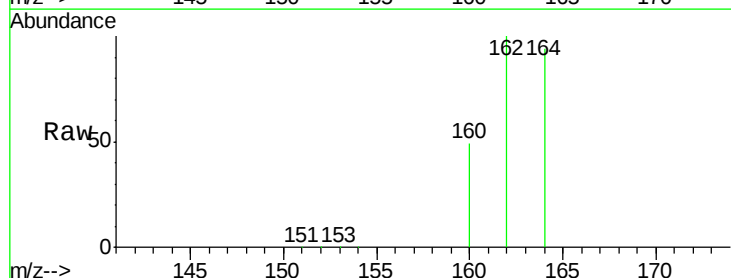
Tgt Ion: 164 Resp: 79787

Ion Ratio Lower Upper

164 100

162 105.9 82.7 124.1

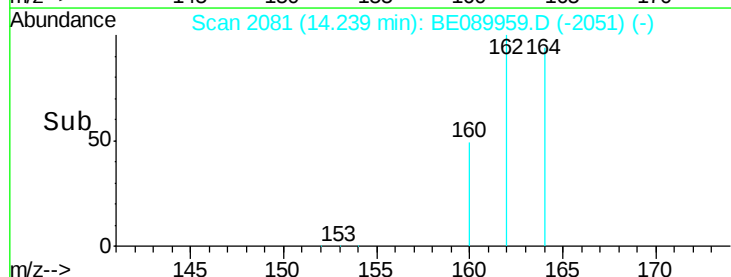
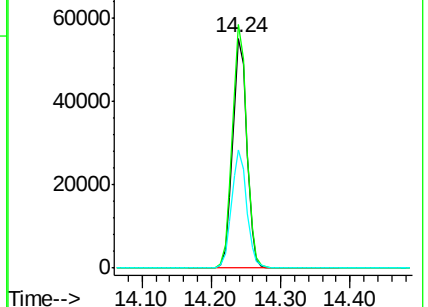
160 51.6 38.3 57.5

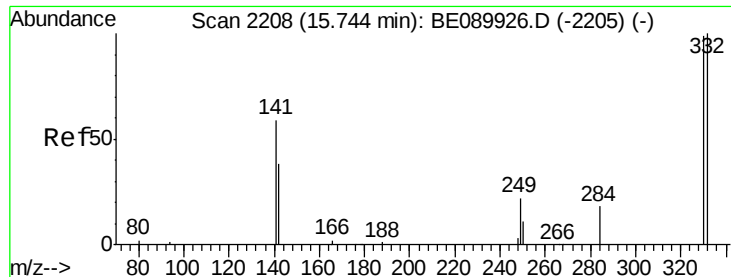


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

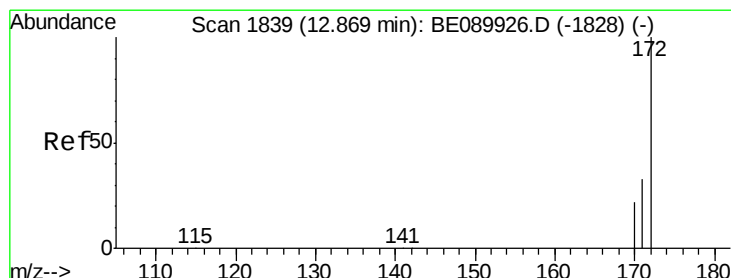
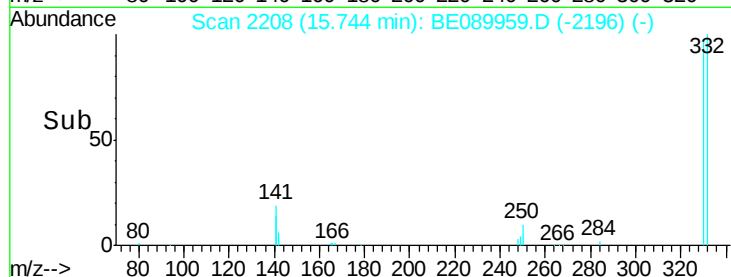
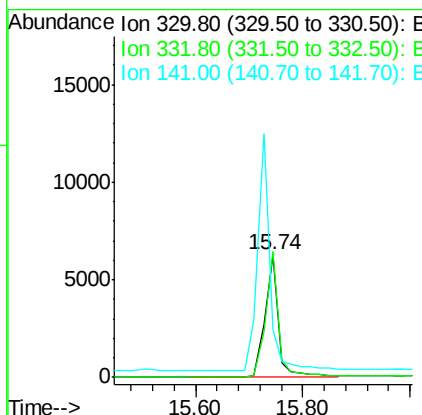
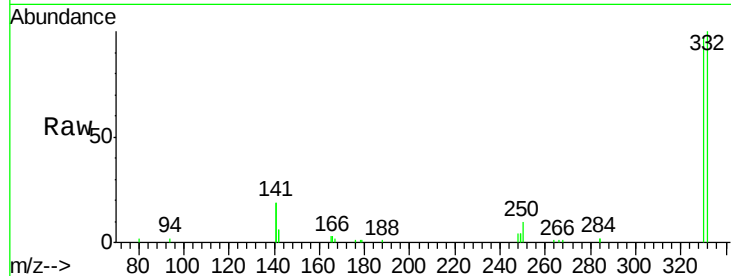




#13
 2,4,6-Tribromophenol
 Concen: 7.69 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089959.D
 Acq: 27 Jun 2015 2:47

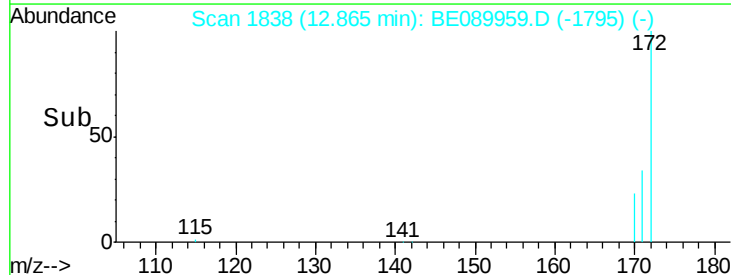
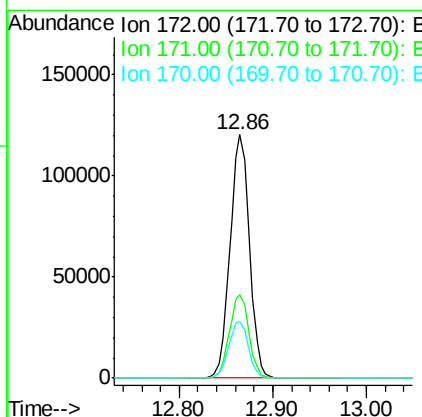
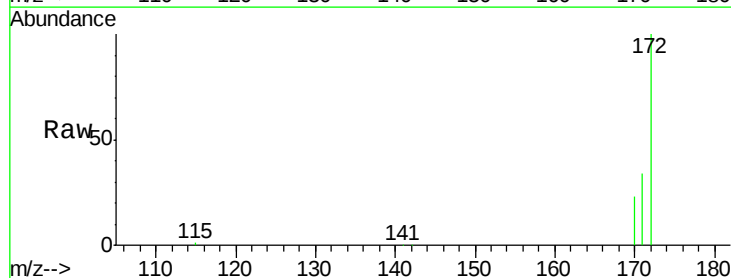
Instrument :
 BNA_E
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 PB84123BL

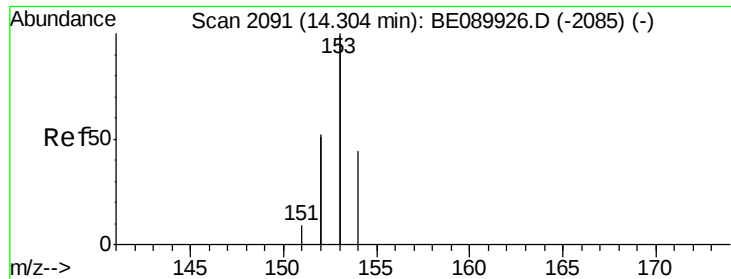
Tgt Ion:330 Resp: 10798
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.9 116.9
 141 179.1 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 7.41 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089959.D
 Acq: 27 Jun 2015 2:47

Tgt Ion:172 Resp: 172346
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.7 40.1
 170 23.4 17.5 26.3





#16

Acenaphthene

Concen: 0.02 ng

RT: 14.30 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

Instrument :

BNA_E

ClientSampleId :

PB84123BL

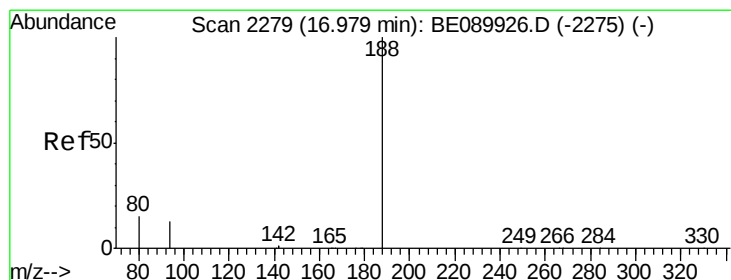
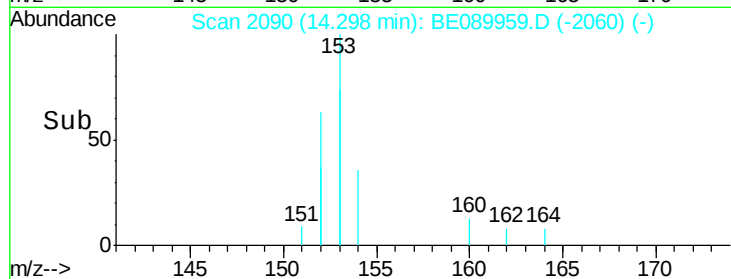
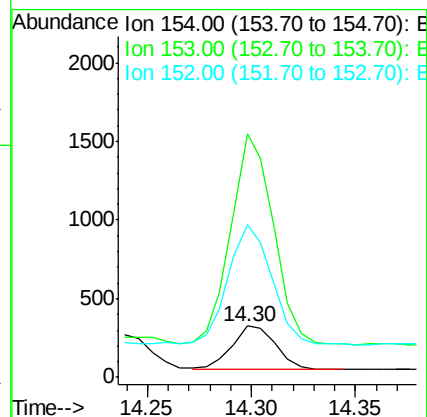
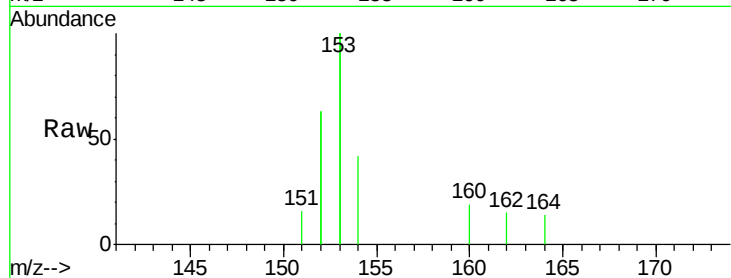
Tgt Ion:154 Resp: 417

Ion Ratio Lower Upper

154 100

153 465.2 362.8 544.2

152 271.0 194.6 291.8



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

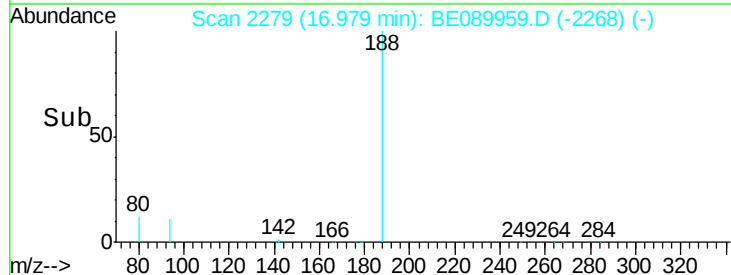
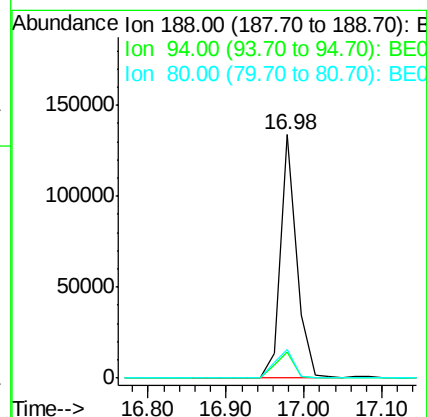
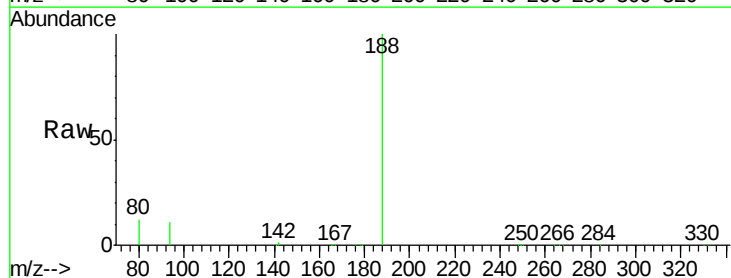
Tgt Ion:188 Resp: 192337

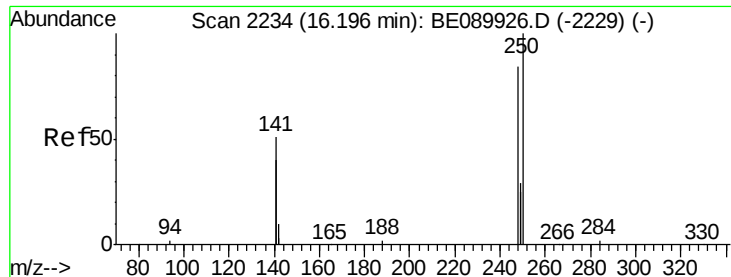
Ion Ratio Lower Upper

188 100

94 10.7 10.6 16.0

80 11.6 11.8 17.6#

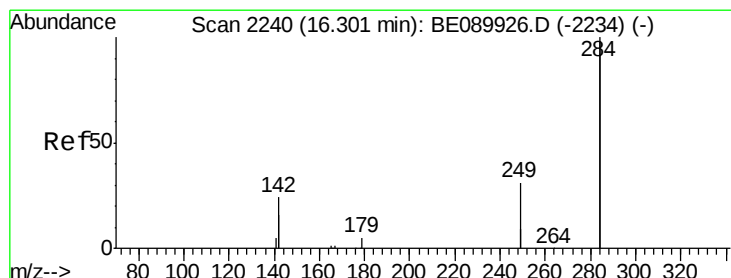
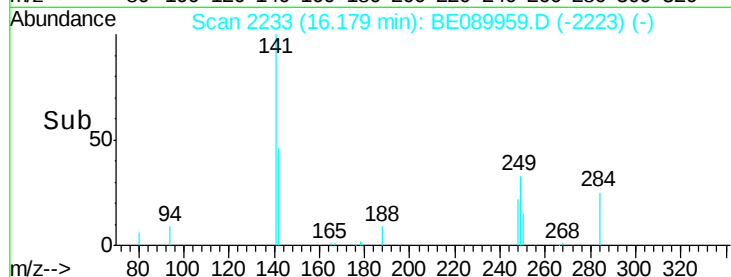
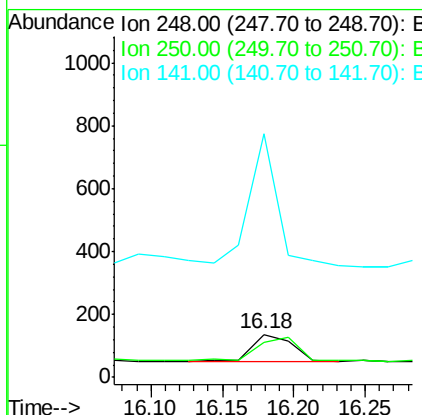
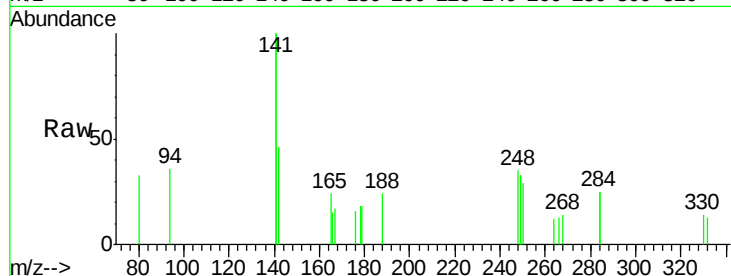




#19
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089959.D
Acq: 27 Jun 2015 2:47

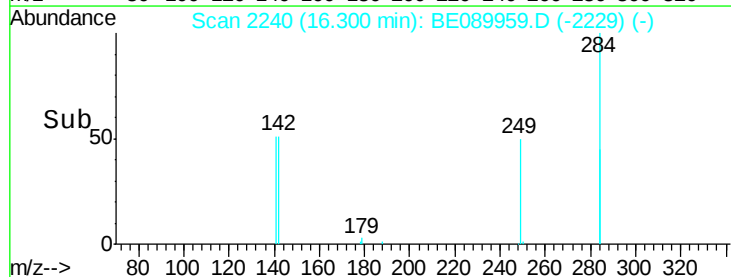
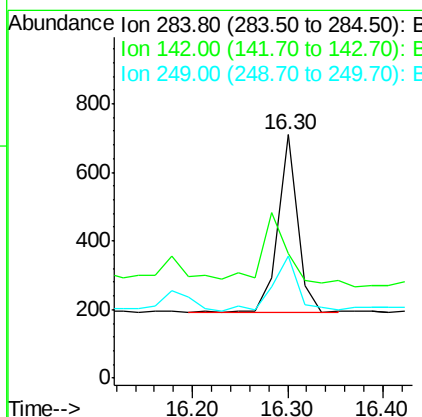
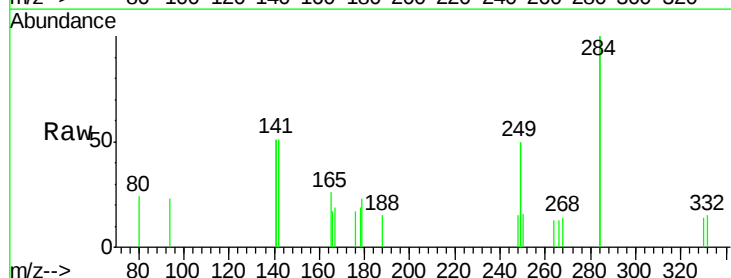
Instrument :
BNA_E
ClientSampled :
PB84123BL

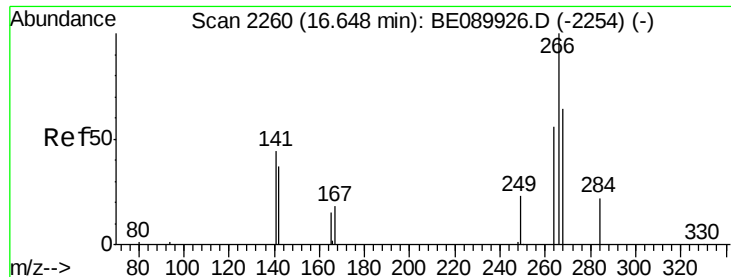
Tgt Ion:248 Resp: 168
Ion Ratio Lower Upper
248 100
250 93.5 79.3 118.9
141 378.0 274.1 411.1



#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089959.D
Acq: 27 Jun 2015 2:47

Tgt Ion:284 Resp: 756
Ion Ratio Lower Upper
284 100
142 53.6 32.0 48.0#
249 38.4 25.0 37.6#

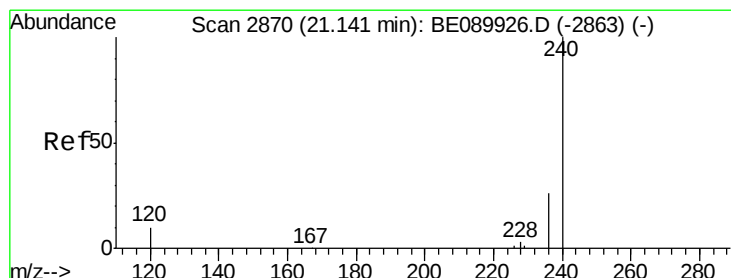
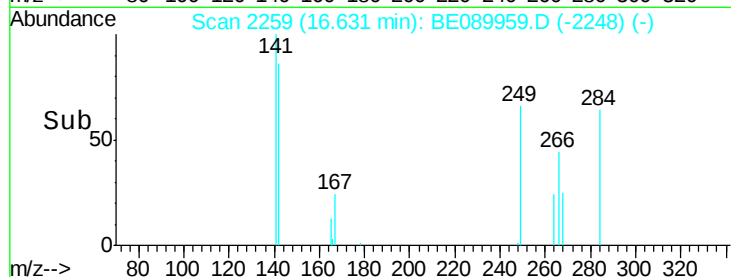
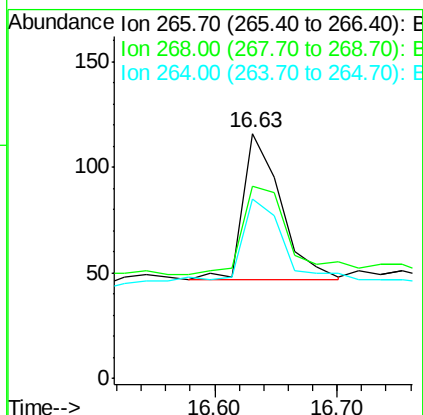
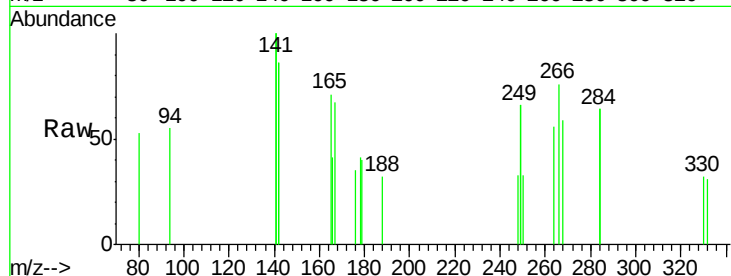




#21
 Pentachlorophenol
 Concen: 0.51 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE089959.D
 Acq: 27 Jun 2015 2:47

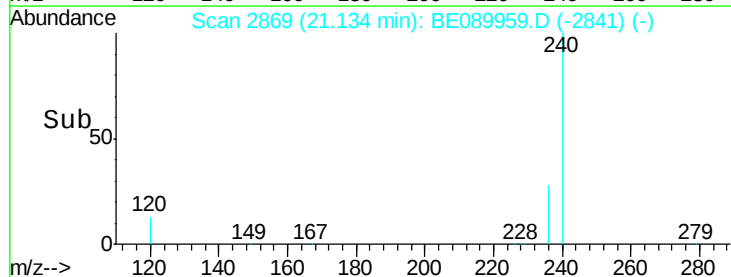
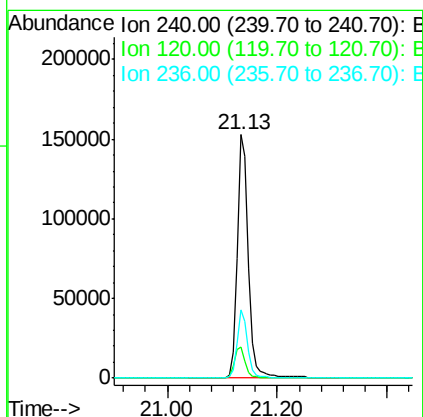
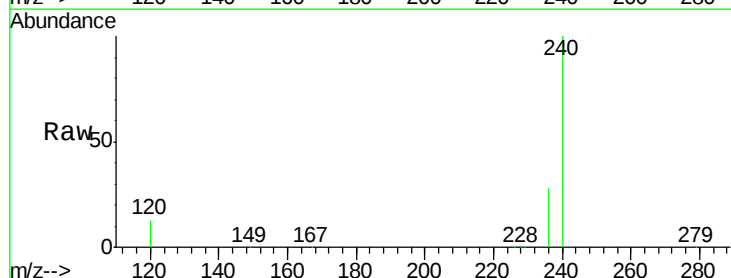
Instrument :
 BNA_E
 ClientSampleId :
 PB84123BL

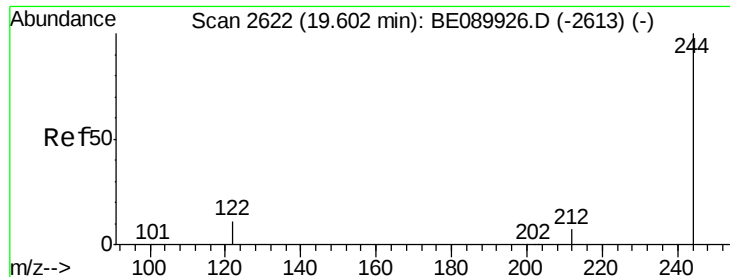
Tgt Ion: 266 Resp: 147
 Ion Ratio Lower Upper
 266 100
 268 78.4 54.4 81.6
 264 73.3 48.2 72.2#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.13 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BE089959.D
 Acq: 27 Jun 2015 2:47

Tgt Ion: 240 Resp: 206875
 Ion Ratio Lower Upper
 240 100
 120 12.9 7.9 11.9#
 236 27.8 21.2 31.8





#27

Terphenyl-d14

Concen: 7.52 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

Instrument :

BNA_E

ClientSampled :

PB84123BL

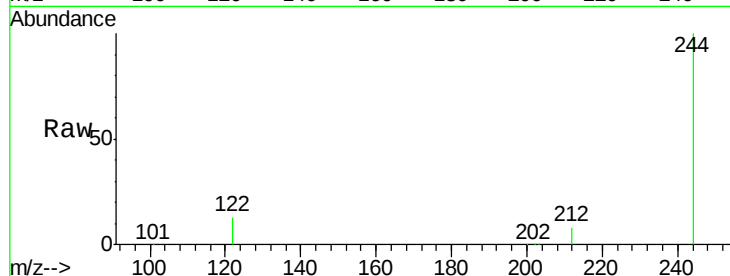
Tgt Ion:244 Resp: 268640

Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

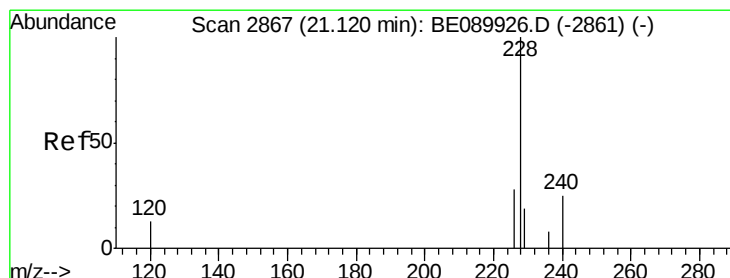
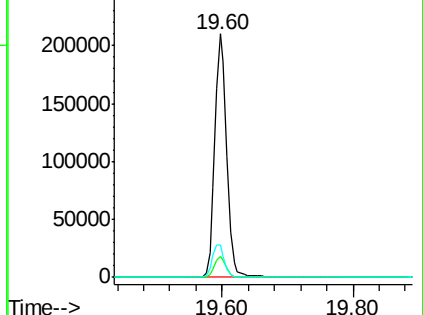
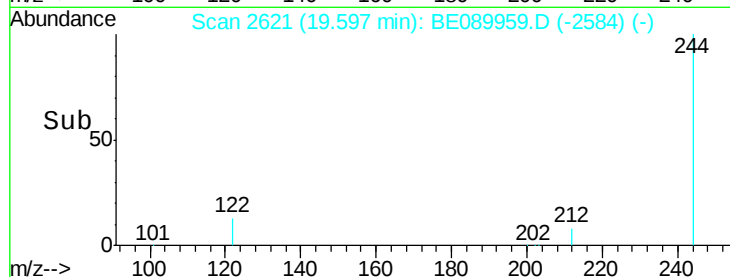
122 13.5 8.7 13.1#



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



#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.13 min Scan# 2868

Delta R.T. 0.01 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

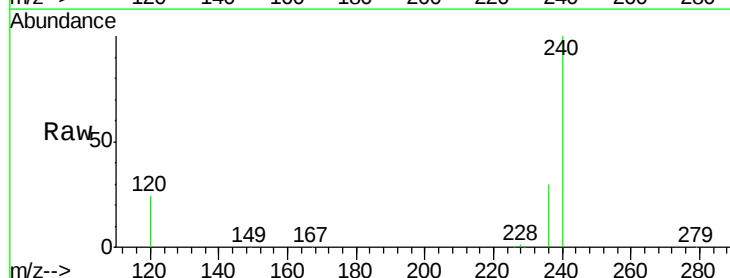
Tgt Ion:228 Resp: 1587

Ion Ratio Lower Upper

228 100

226 23.0 22.2 33.4

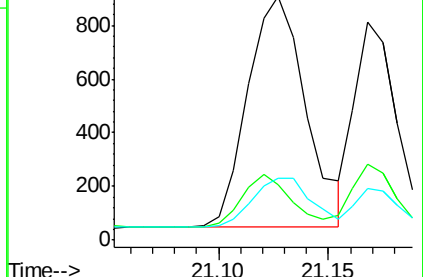
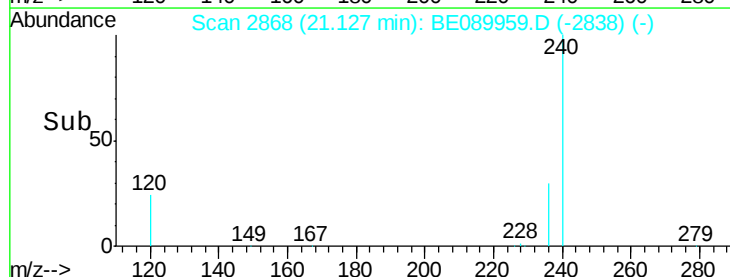
229 25.4 15.3 22.9#

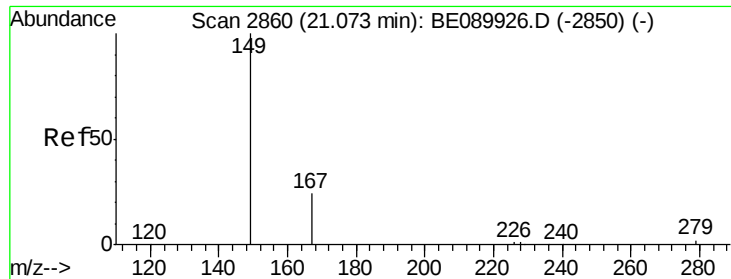


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

Instrument :

BNA_E

ClientSampleId :

PB84123BL

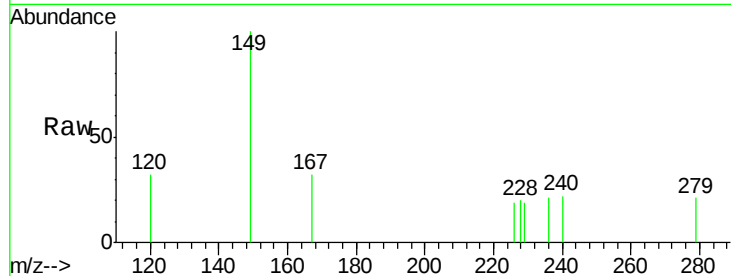
Tgt Ion:149 Resp: 186

Ion Ratio Lower Upper

149 100

167 29.0 20.3 30.5

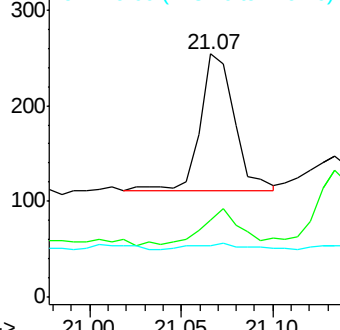
279 5.4 2.7 4.1#



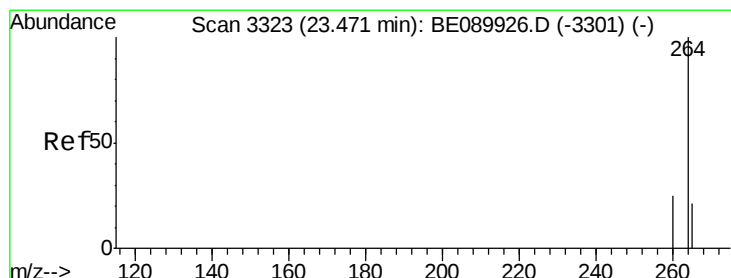
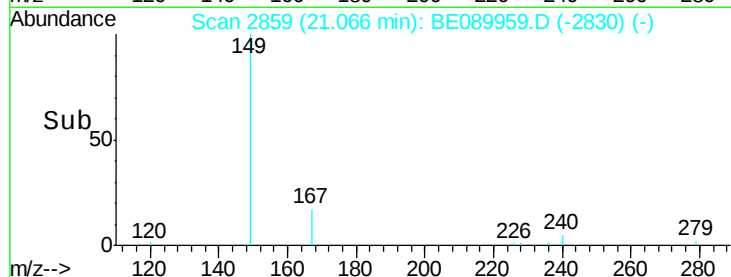
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3322

Delta R.T. -0.00 min

Lab File: BE089959.D

Acq: 27 Jun 2015 2:47

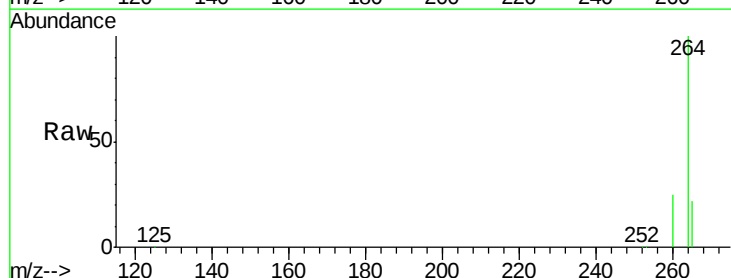
Tgt Ion:264 Resp: 178037

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.6

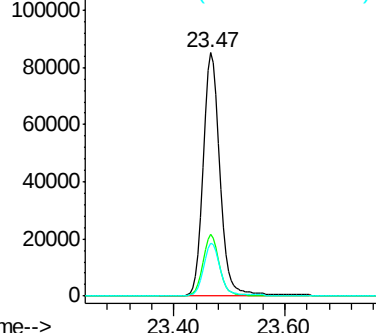
265 21.8 17.3 25.9



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



Time-->

