

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089970.D
 Acq On : 27 Jun 2015 11:08
 Operator : TP/IZ
 Sample : G2782-28
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610006-150624

Quant Time: Jun 29 00:54:43 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

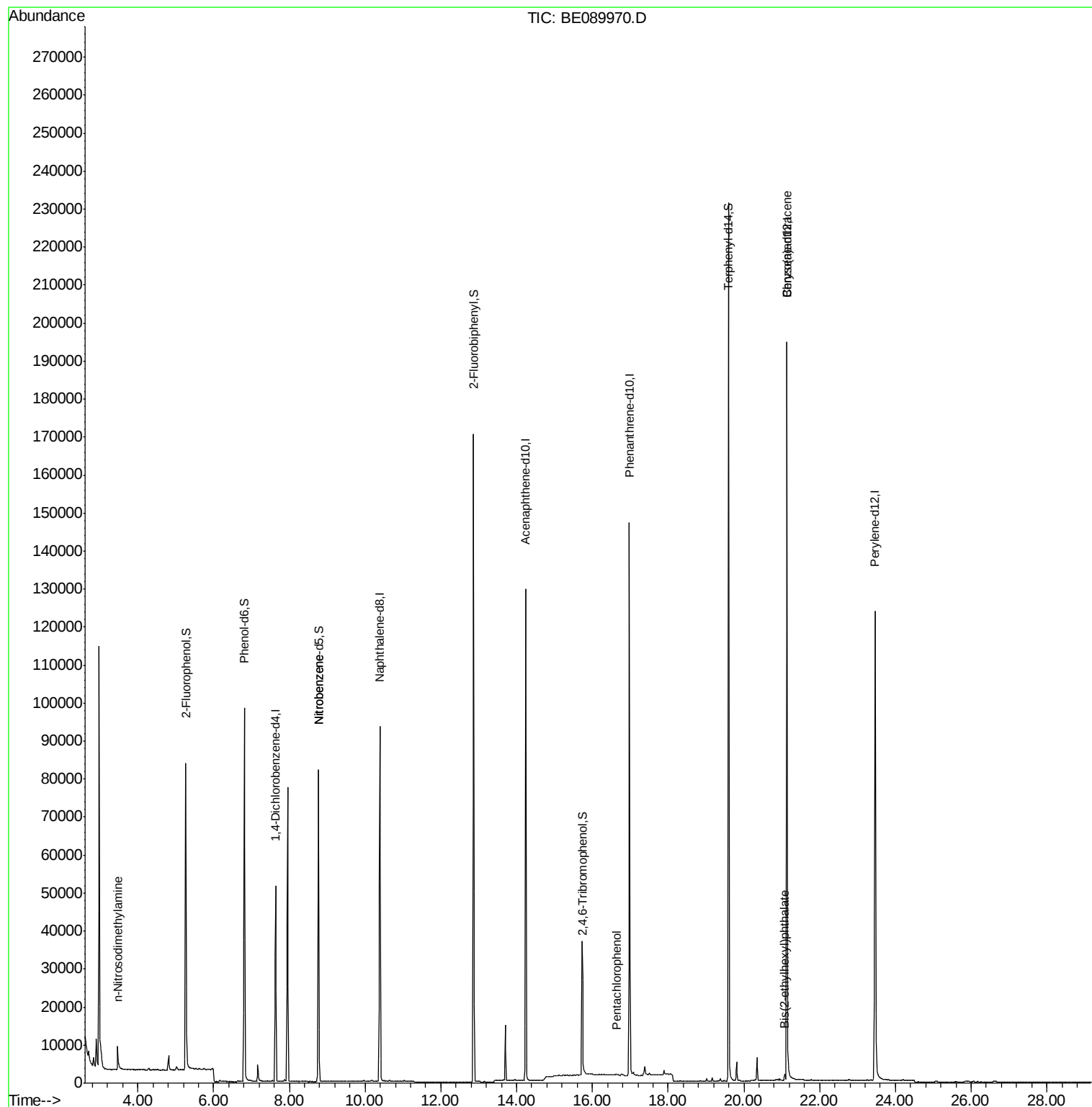
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24645	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	119657	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	72280	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	169626	5.00	ng	0.00
25) Chrysene-d12	21.13	240	190121	5.00	ng	0.00
32) Perylene-d12	23.47	264	170290	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	60380	13.57	ng	0.00
5) Phenol-d6	6.81	99	96600	14.17	ng	0.00
7) Nitrobenzene-d5	8.77	82	67367	7.56	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	16767	12.95	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	155702	7.39	ng	0.00
27) Terphenyl-d14	19.60	244	232192	7.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	13	Below Cal	#	15
3) n-Nitrosodimethylamine	3.47	42	1662	0.38 ng	#	1
8) Nitrobenzene	8.77	77	219	0.02 ng	#	42
17) Fluorene	15.29	166	125	Below Cal	#	62
21) Pentachlorophenol	16.63	266	120	0.50 ng	#	83
28) Benzo(a)anthracene	21.13	228	1002	0.02 ng	#	82
30) Bis(2-ethylhexyl)phthalate	21.07	149	1707	0.44 ng		92

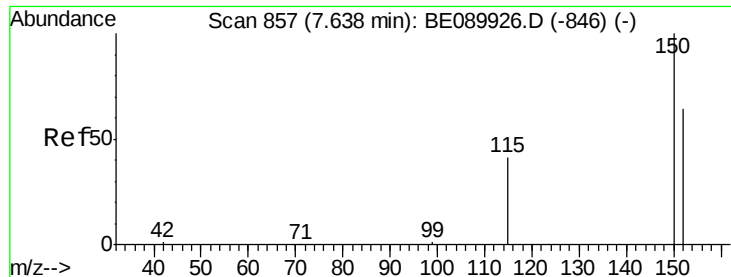
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

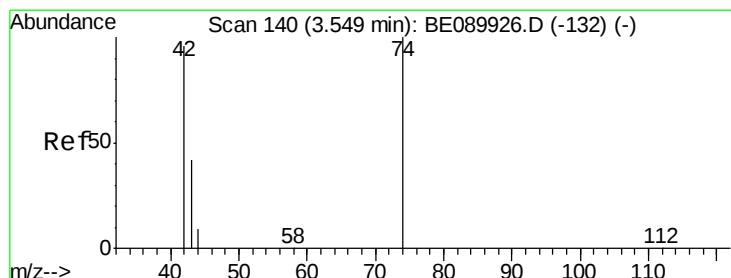
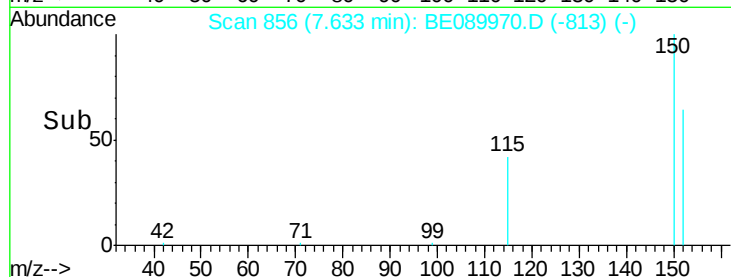
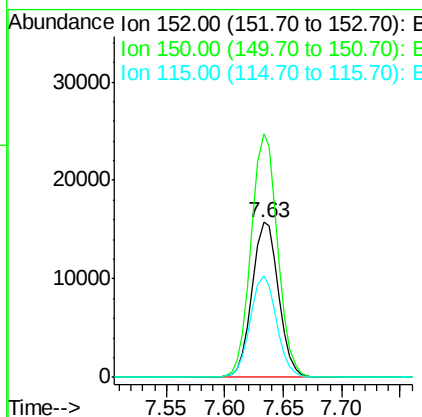
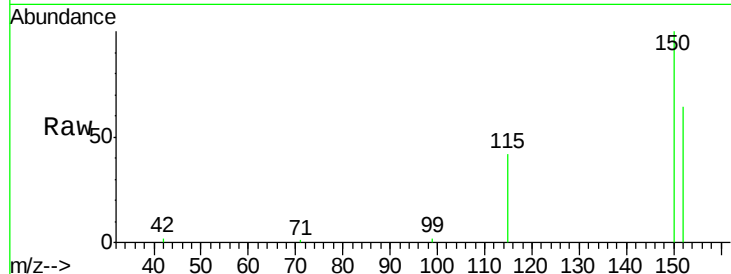




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.63 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BE089970.D
 Acq: 27 Jun 2015 11:08

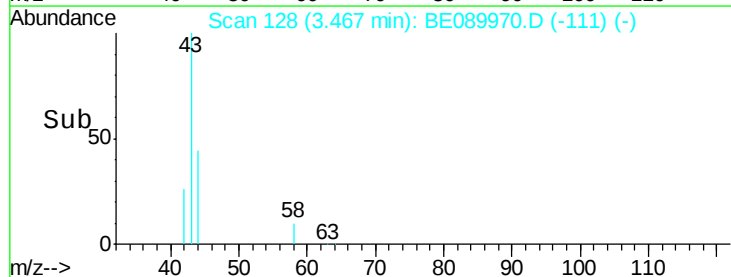
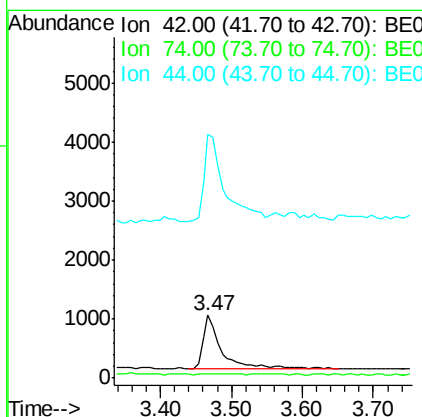
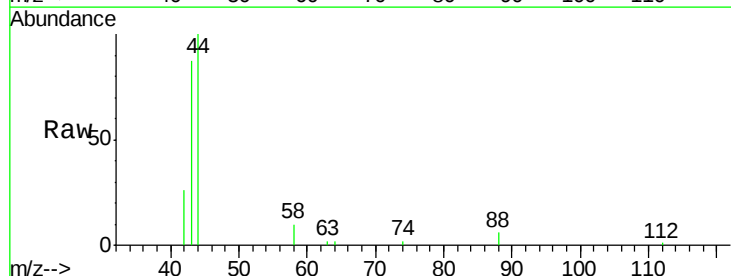
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610006-150624

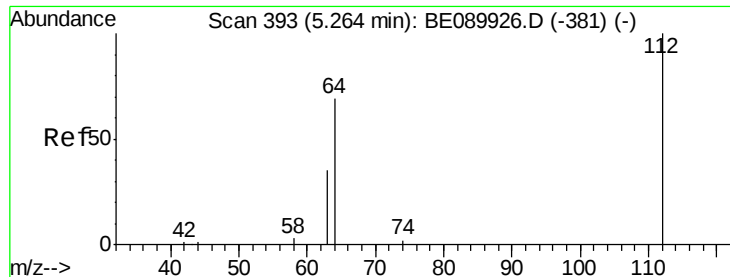
Tgt Ion:152 Resp: 24645
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 65.5 51.6 77.4



#3
 n-Nitrosodimethylamine
 Concen: 0.38 ng
 RT: 3.47 min Scan# 128
 Delta R.T. -0.08 min
 Lab File: BE089970.D
 Acq: 27 Jun 2015 11:08

Tgt Ion: 42 Resp: 1662
 Ion Ratio Lower Upper
 42 100
 74 1.3 85.4 128.2#
 44 180.8 8.4 12.6#





#4

2-Fluorophenol

Concen: 13.57 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

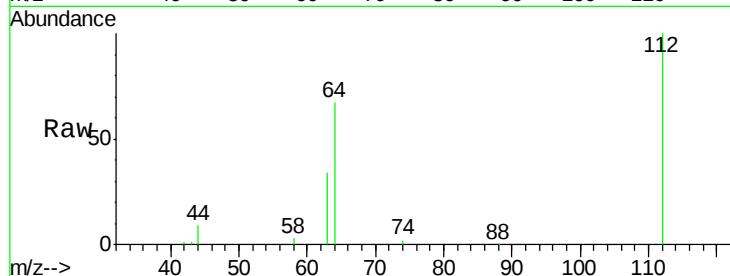
Tgt Ion: 112 Resp: 60380

Ion Ratio Lower Upper

112 100

64 72.6 57.4 86.2

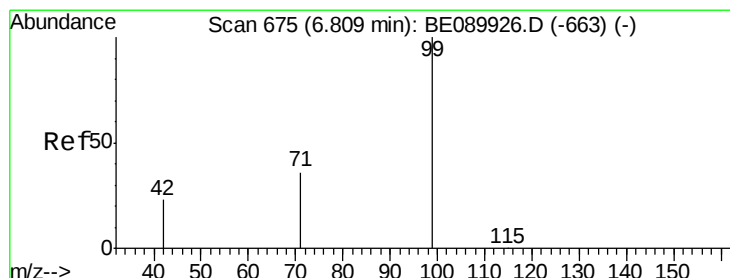
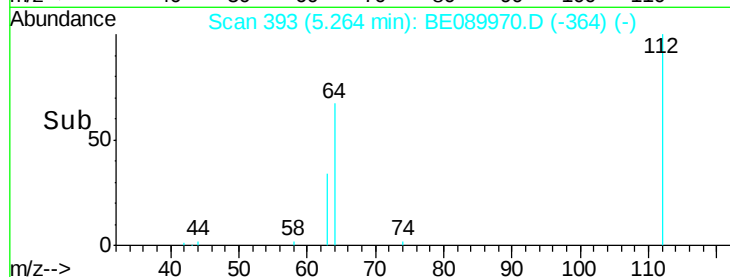
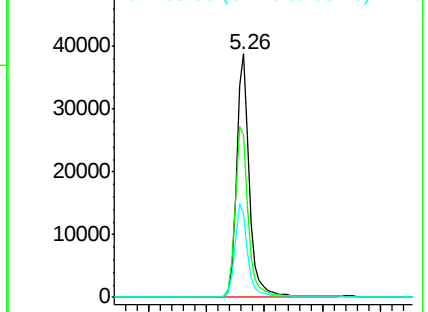
63 38.8 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BE089970.D (-364) (-)

Ion 64.00 (63.70 to 64.70): BE089970.D (-364) (-)

Ion 63.00 (62.70 to 63.70): BE089970.D (-364) (-)



#5

Phenol-d6

Concen: 14.17 ng

RT: 6.81 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

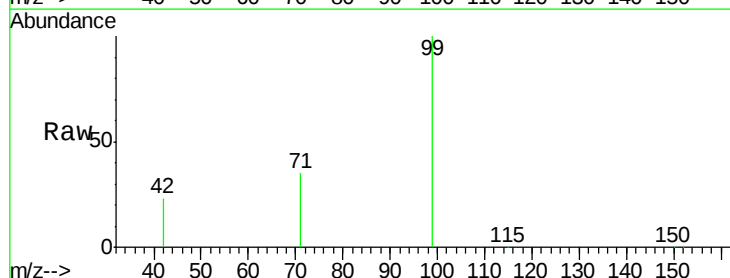
Tgt Ion: 99 Resp: 96600

Ion Ratio Lower Upper

99 100

42 22.6 19.5 29.3

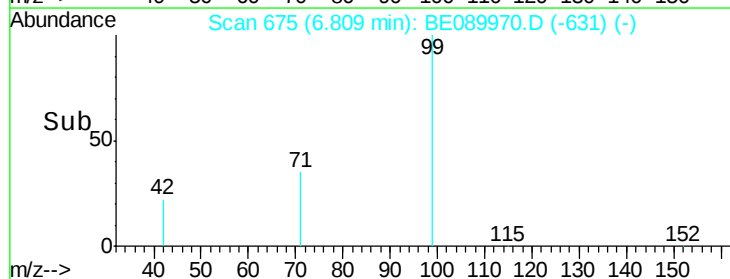
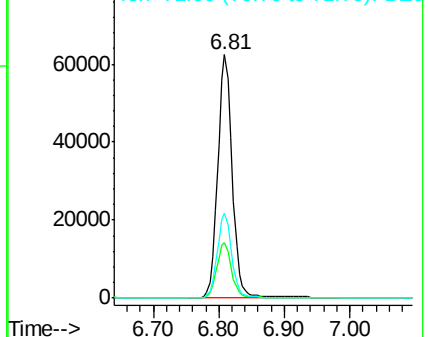
71 34.7 27.8 41.6

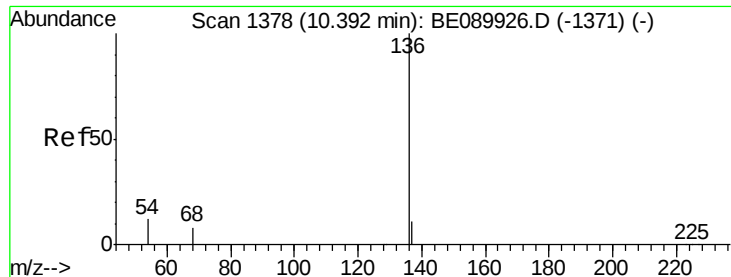


Abundance Ion 99.00 (98.70 to 99.70): BE089970.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BE089970.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BE089970.D (-631) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

Tgt Ion:136 Resp: 119657

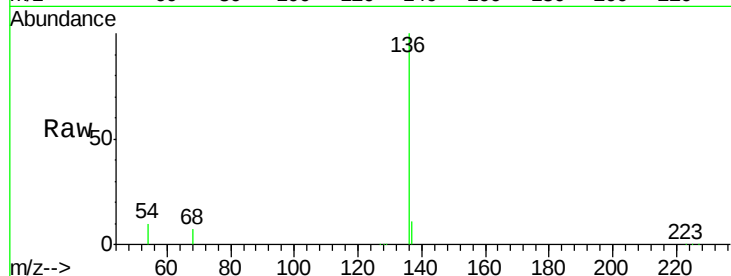
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 9.7 14.5

68 7.1 6.5 9.7

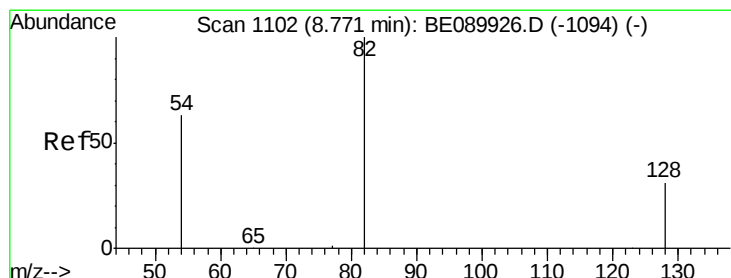
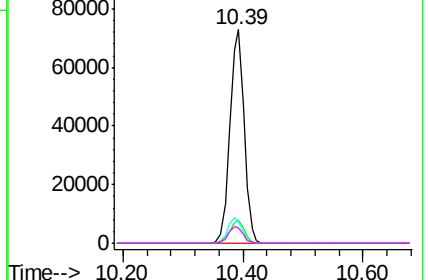
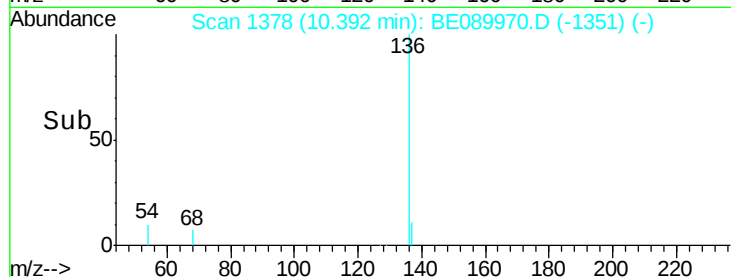


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.56 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

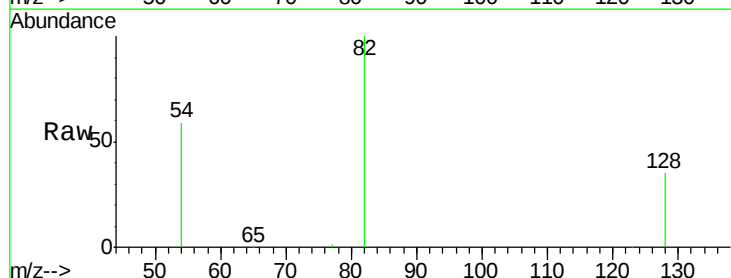
Tgt Ion: 82 Resp: 67367

Ion Ratio Lower Upper

82 100

128 34.9 25.6 38.4

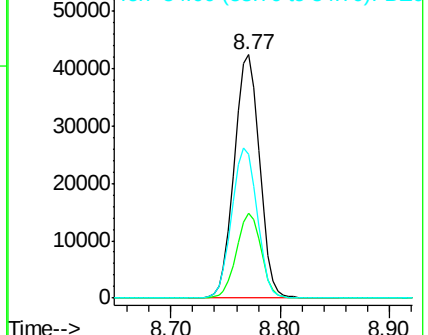
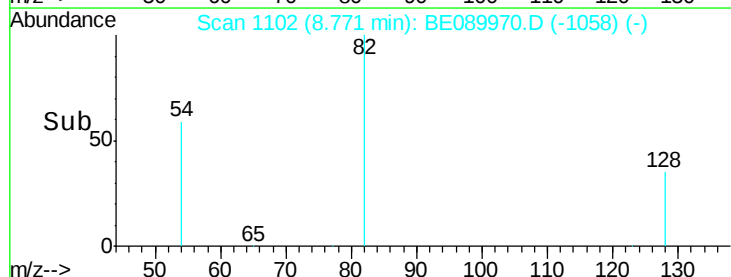
54 58.9 51.2 76.8

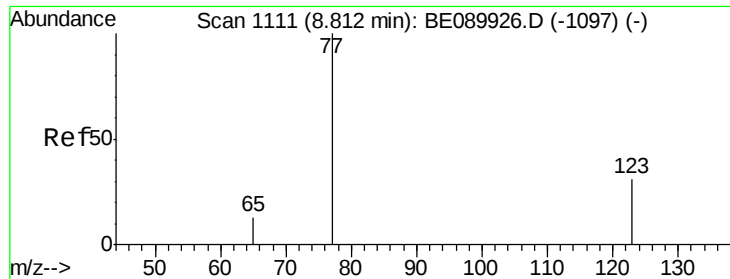


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.02 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

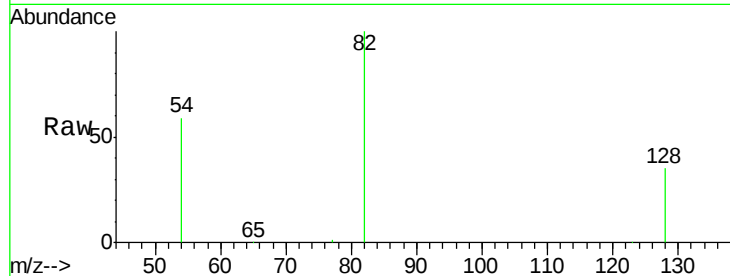
Tgt Ion: 77 Resp: 219

Ion Ratio Lower Upper

77 100

123 4.1 26.6 39.8#

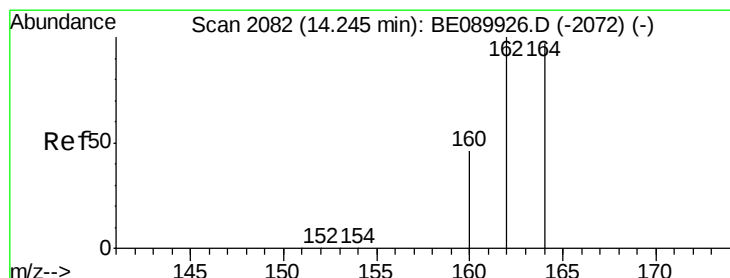
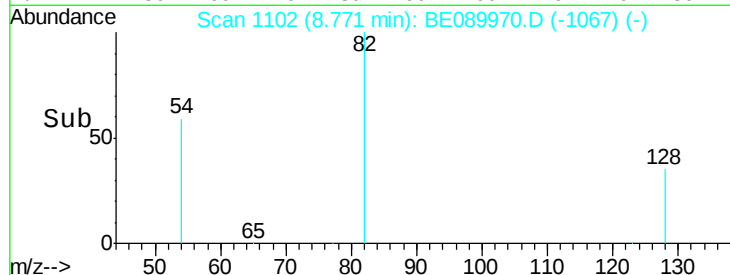
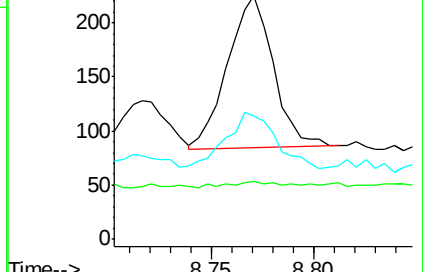
65 42.5 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BE089970.D (-1067) (-)

Ion 123.00 (122.70 to 123.70): BE089970.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BE089970.D (-1067) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

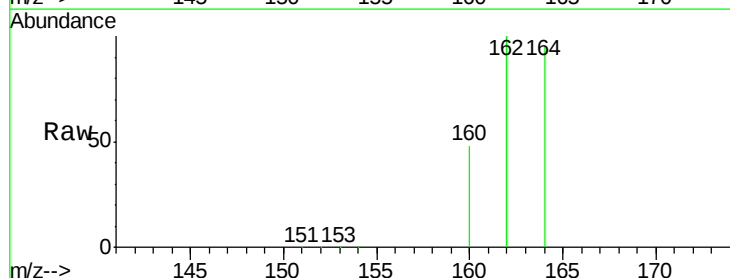
Tgt Ion: 164 Resp: 72280

Ion Ratio Lower Upper

164 100

162 105.2 82.7 124.1

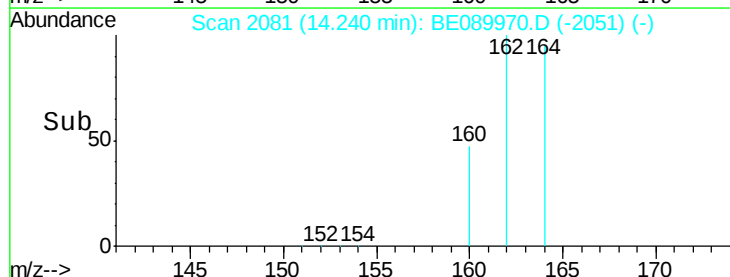
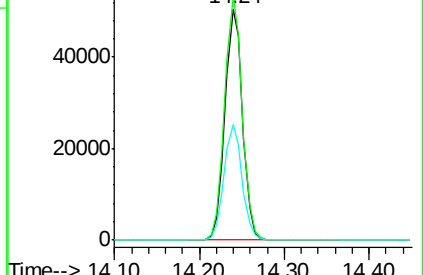
160 50.0 38.3 57.5

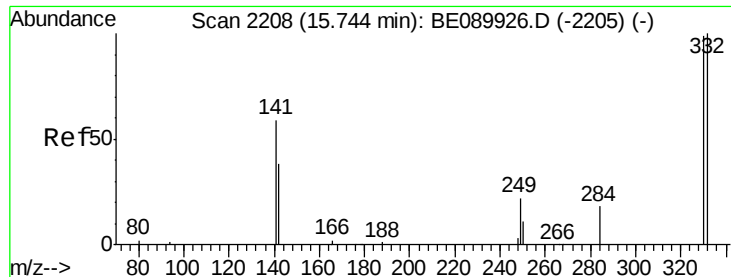


Abundance Ion 164.00 (163.70 to 164.70): BE089970.D (-2051) (-)

Ion 162.00 (161.70 to 162.70): BE089970.D (-2051) (-)

Ion 160.00 (159.70 to 160.70): BE089970.D (-2051) (-)

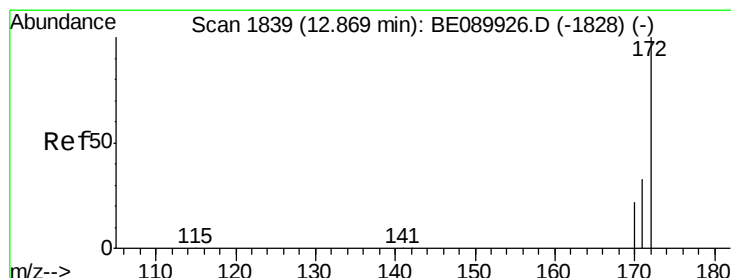
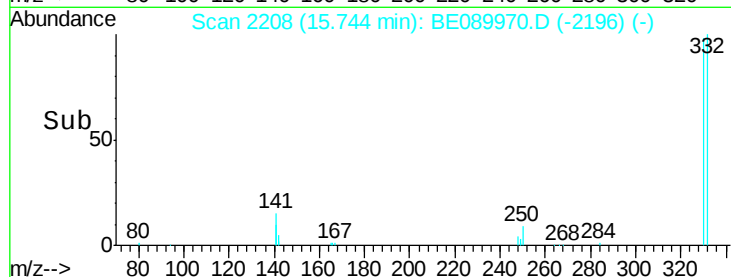
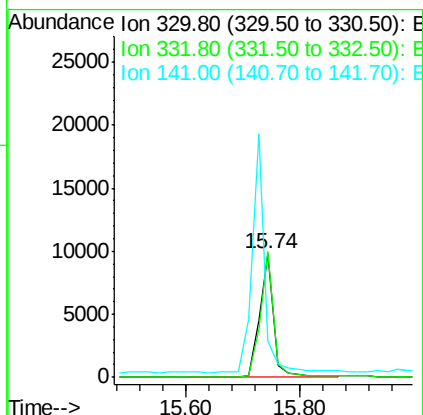
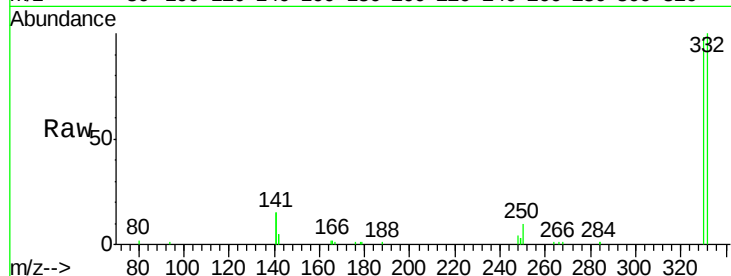




#13
 2,4,6-Tribromophenol
 Concen: 12.95 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089970.D
 Acq: 27 Jun 2015 11:08

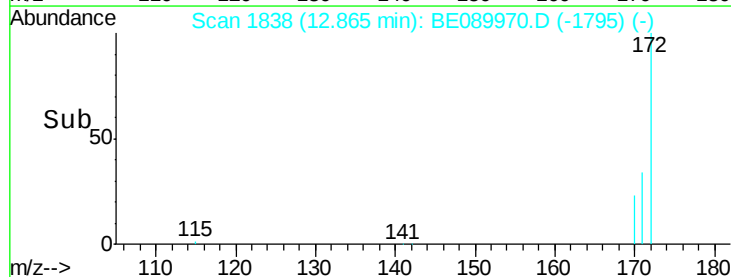
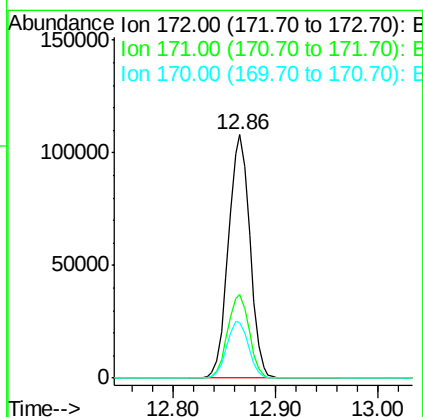
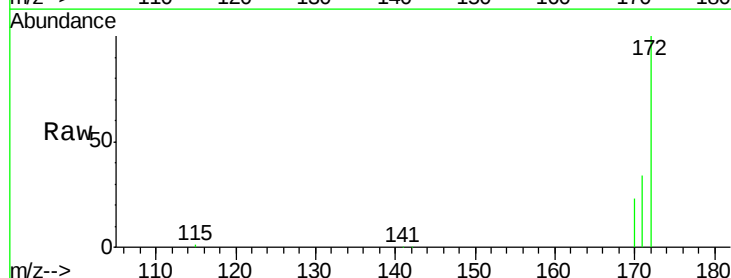
Instrument :
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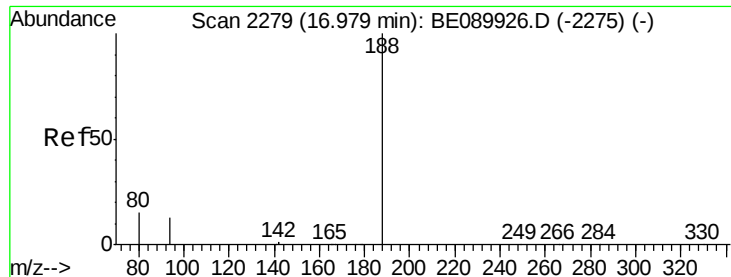
Tgt Ion:330 Resp: 16767
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.9 116.9
 141 172.2 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 7.39 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089970.D
 Acq: 27 Jun 2015 11:08

Tgt Ion:172 Resp: 155702
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.7 40.1
 170 23.0 17.5 26.3





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

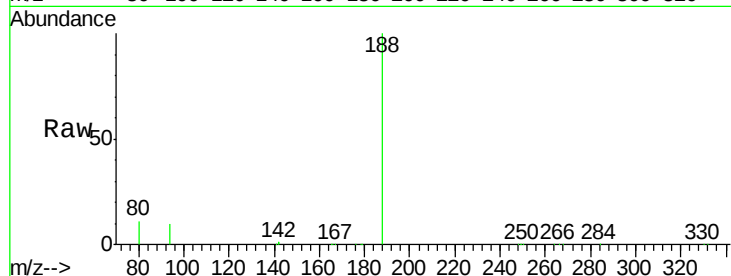
Tgt Ion:188 Resp: 169626

Ion Ratio Lower Upper

188 100

94 10.1 10.6 16.0#

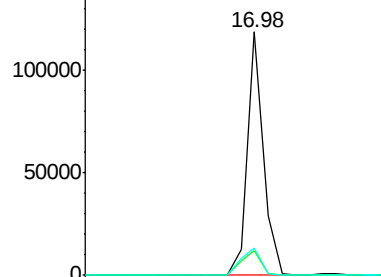
80 11.1 11.8 17.6#



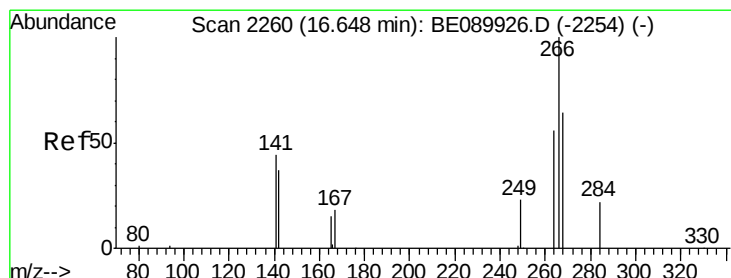
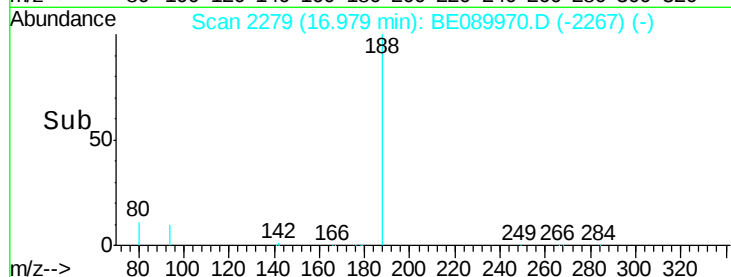
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#21

Pentachlorophenol

Concen: 0.50 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

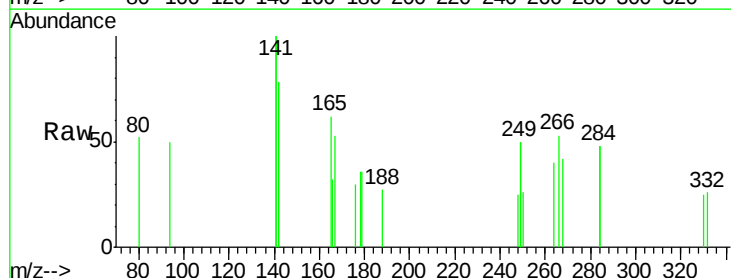
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

268 79.2 54.4 81.6

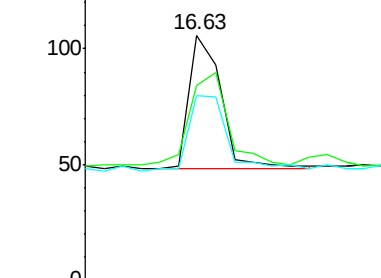
264 75.5 48.2 72.2#



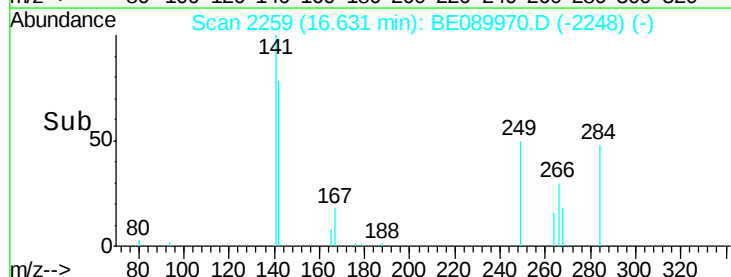
Abundance Ion 265.70 (265.40 to 266.40): E

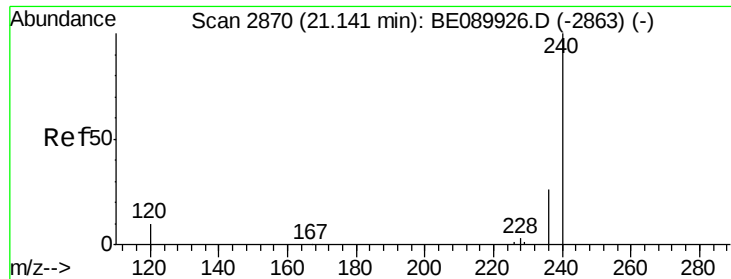
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

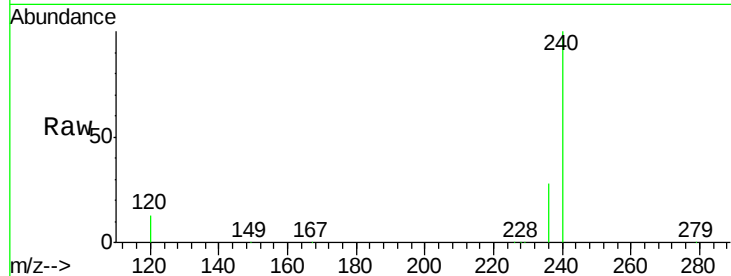
Tgt Ion:240 Resp: 190121

Ion Ratio Lower Upper

240 100

120 13.2 7.9 11.9#

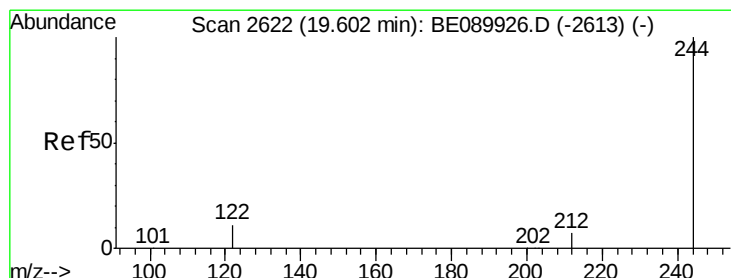
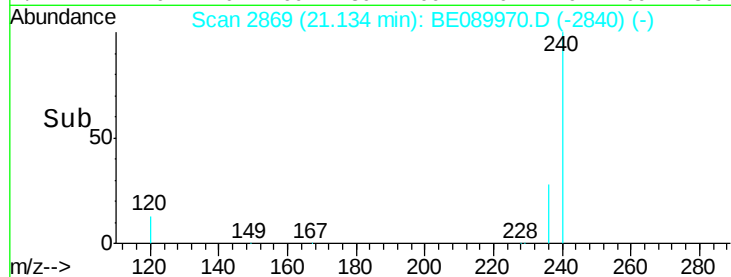
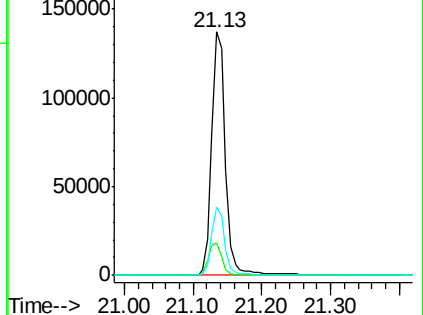
236 28.0 21.2 31.8



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: 7.07 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

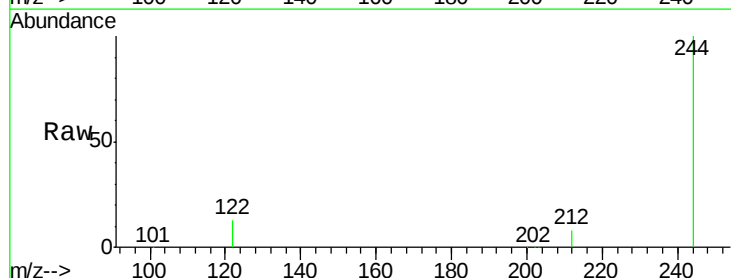
Tgt Ion:244 Resp: 232192

Ion Ratio Lower Upper

244 100

212 8.3 6.1 9.1

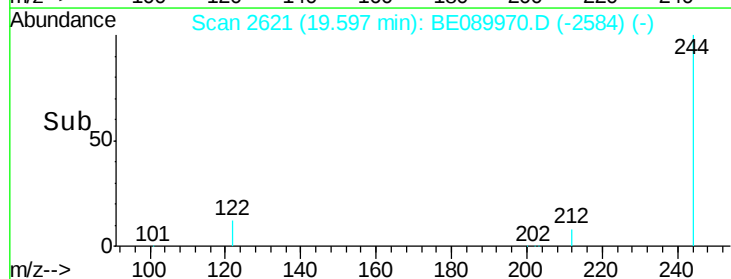
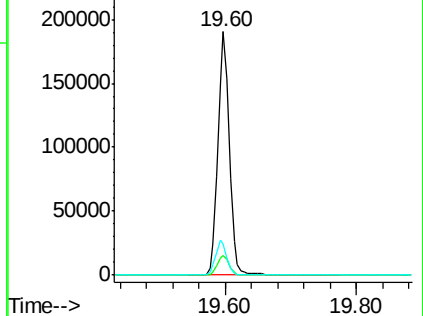
122 12.5 8.7 13.1

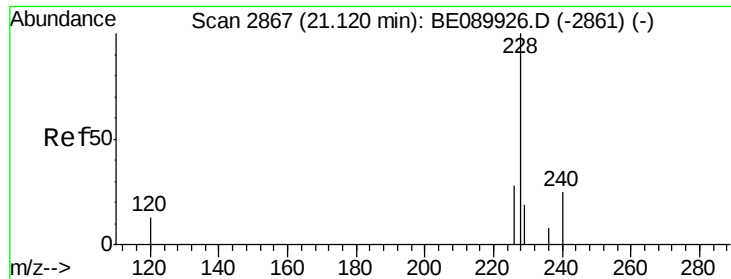


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624

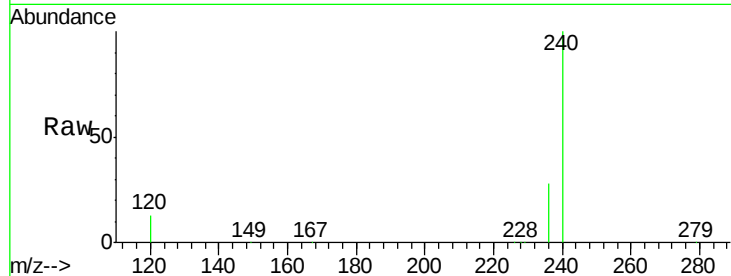
Tgt Ion:228 Resp: 1002

Ion Ratio Lower Upper

228 100

226 25.1 22.2 33.4

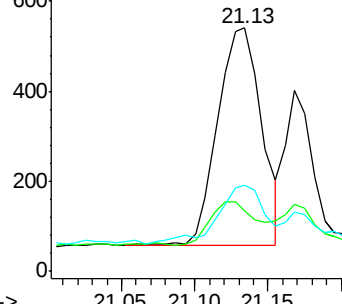
229 35.3 15.3 22.9#



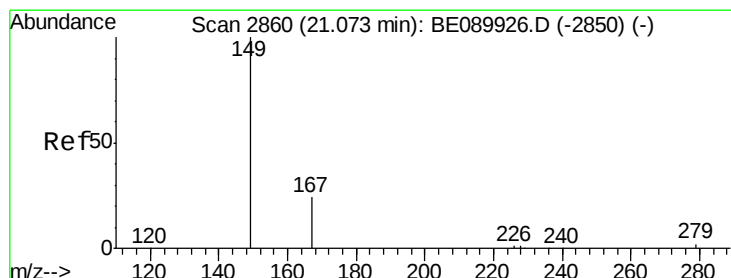
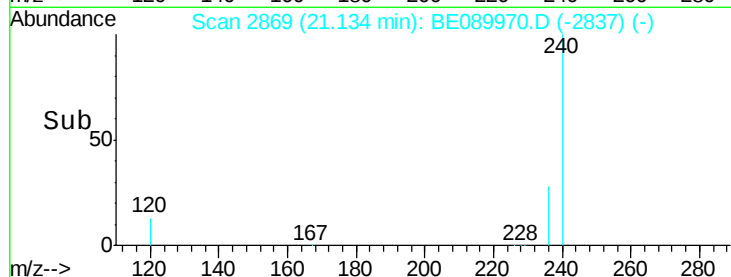
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE089970.D

Acq: 27 Jun 2015 11:08

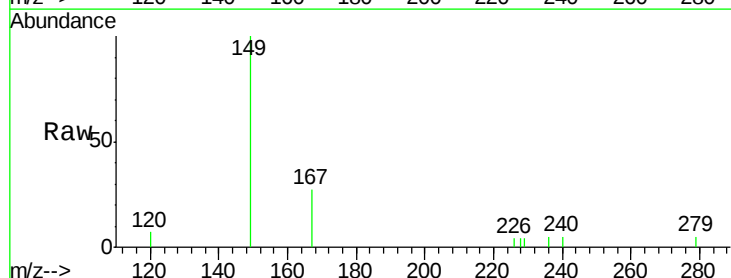
Tgt Ion:149 Resp: 1707

Ion Ratio Lower Upper

149 100

167 29.6 20.3 30.5

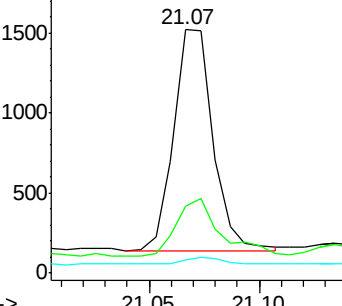
279 2.9 2.7 4.1



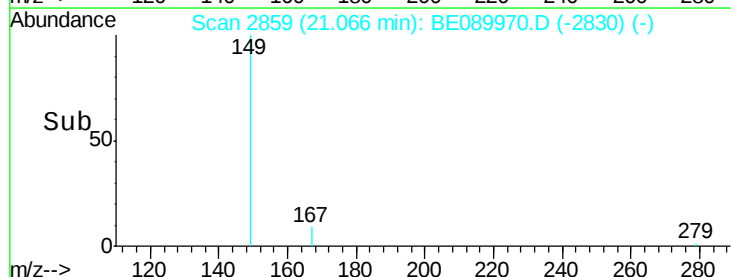
Abundance Ion 149.00 (148.70 to 149.70): E

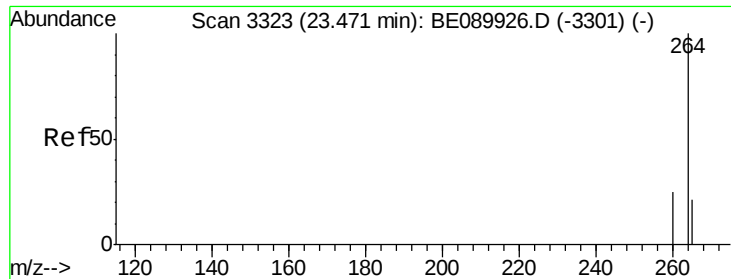
Ion 167.00 (166.70 to 167.70): E

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: BE089970.D

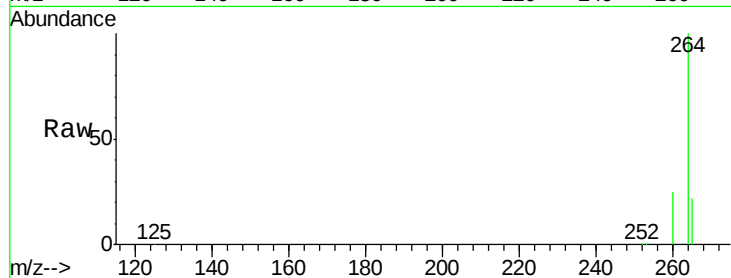
Acq: 27 Jun 2015 11:08

Instrument :

BNA_E

ClientSampleId :

X1SS0610006-150624



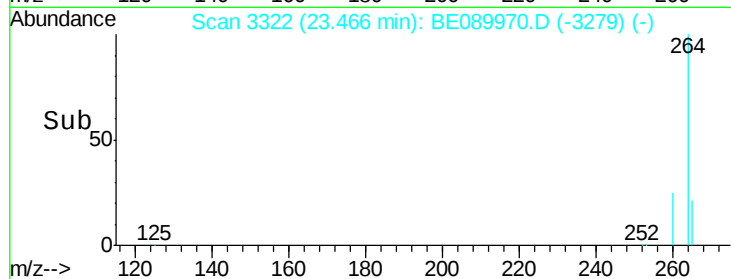
Tgt Ion: 264 Resp: 170290

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.6

265 21.7 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

