

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092867.D
 Acq On : 29 Mar 2017 15:23
 Operator : SJ/MA
 Sample : PB97724BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97724BL

Quant Time: Mar 30 01:42:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 17:47:56 2017
 Response via : Initial Calibration

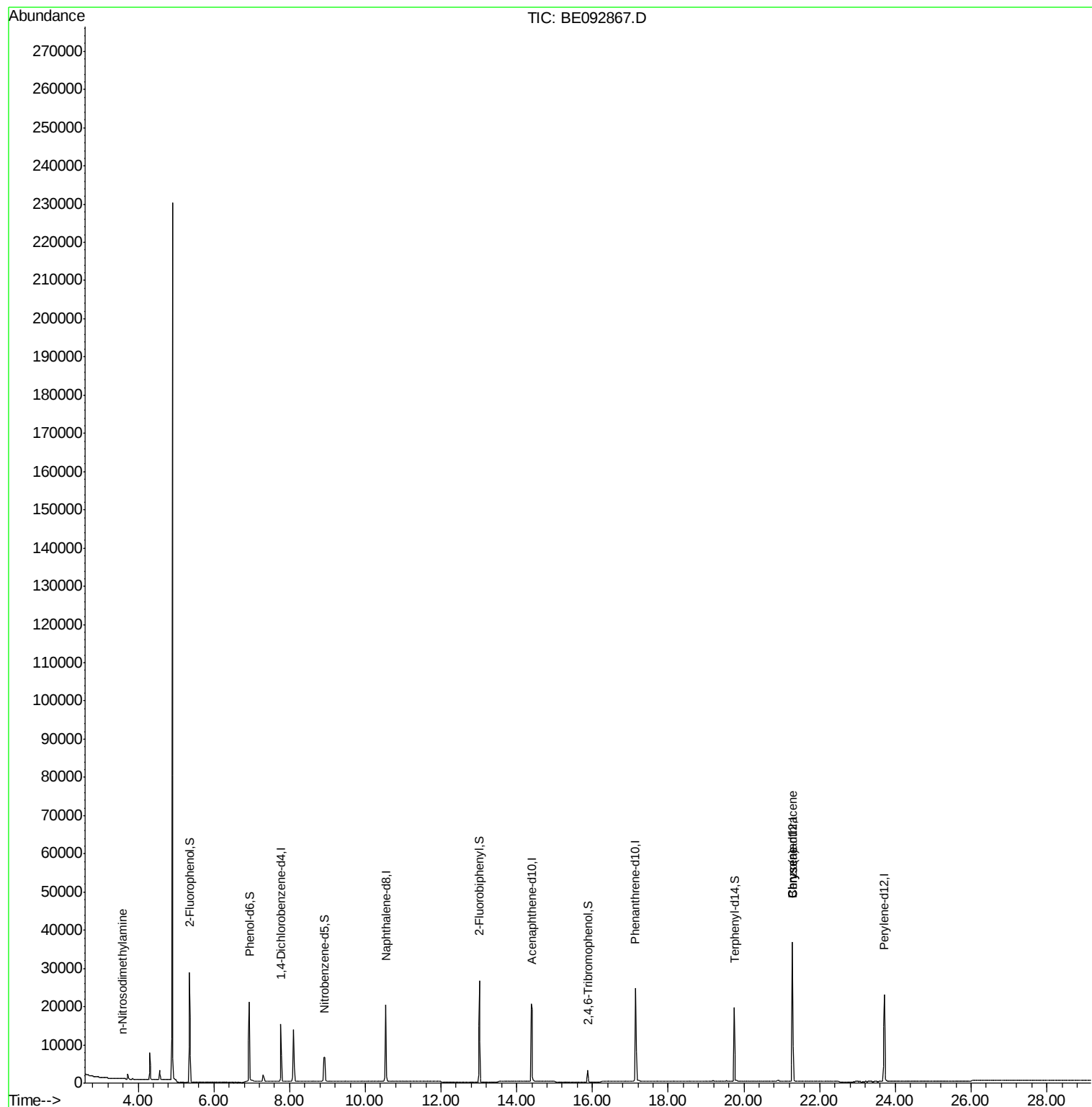
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8753	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	36956	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16266	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	34692	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	37819	5.00	ng	-0.02
31) Perylene-d12	23.70	264	32394	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	20107	9.86	ng	0.00
5) Phenol-d6	6.94	99	27724	9.27	ng	0.00
8) Nitrobenzene-d5	8.92	82	8794	4.15	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2084	8.20	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	24151	4.51	ng	-0.01
26) Terphenyl-d14	19.74	244	23210	3.55	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	32	0.03	ng	# 1
27) Benzo(a)anthracene	21.28	228	198	0.02	ng	# 57
28) Chrysene	21.28	228	200	0.02	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.21	149	49	Below Cal		# 73

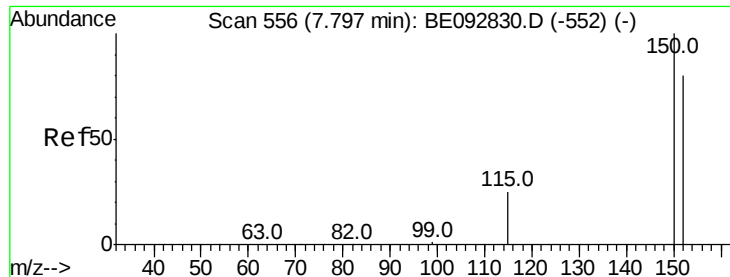
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :

BNA_E

ClientSampleId :

PB97724BL

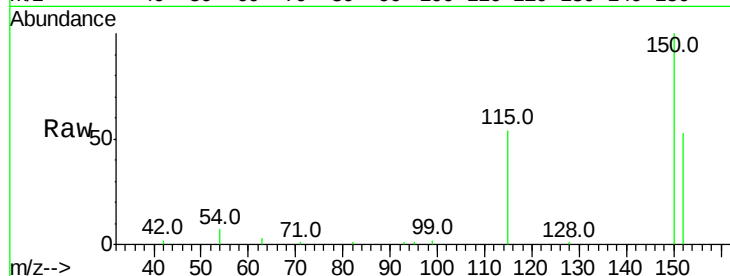
Tot Ion:152 Resp: 8753

Ion Ratio Lower Upper

152 100

150 189.0 106.0 159.0#

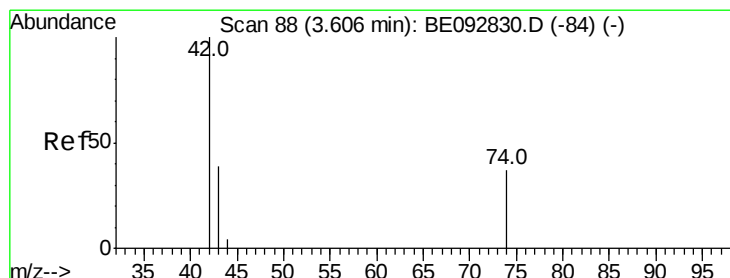
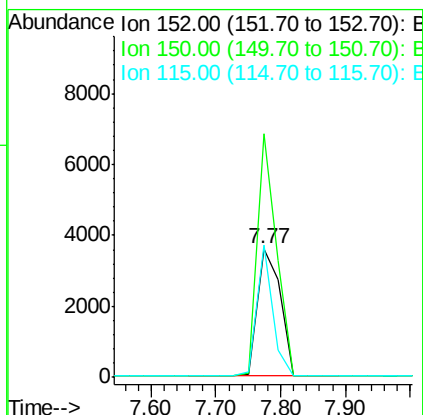
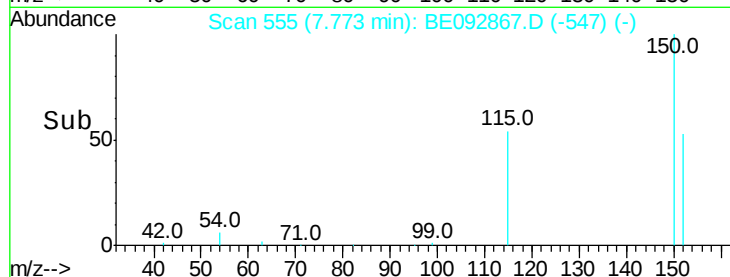
115 102.8 31.2 46.8#



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

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

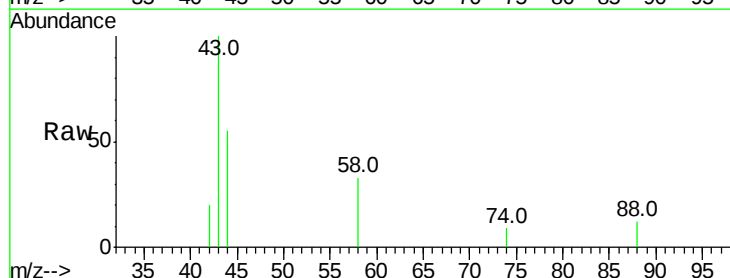
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

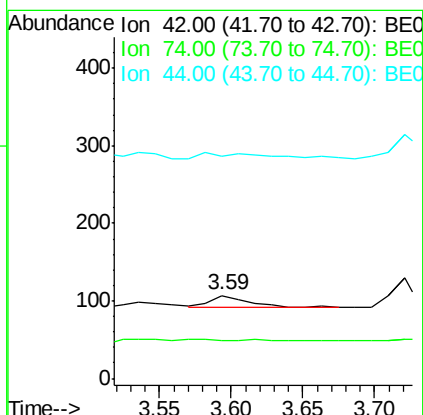
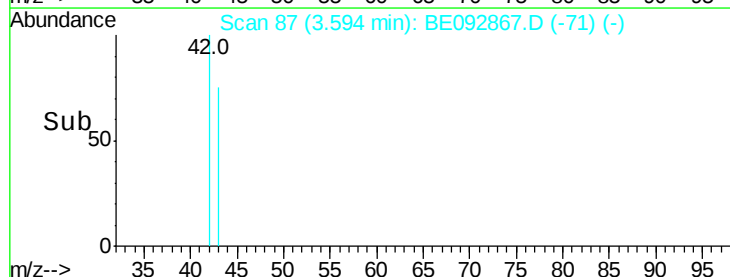
44 59.4 5.1 7.7#

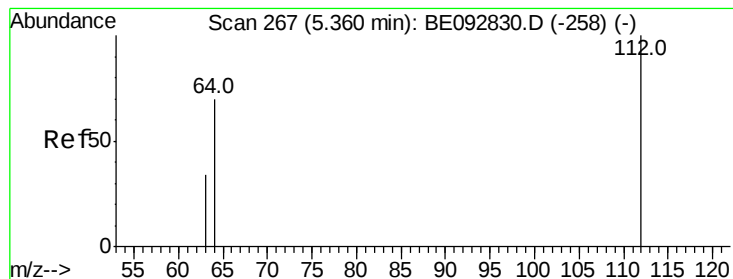


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 9.86 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :

BNA_E

ClientSampleId :

PB97724BL

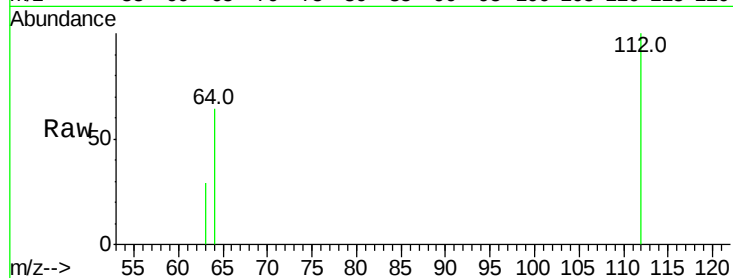
Tot Ion:112 Resp: 20107

Ion Ratio Lower Upper

112 100

64 69.3 53.5 80.3

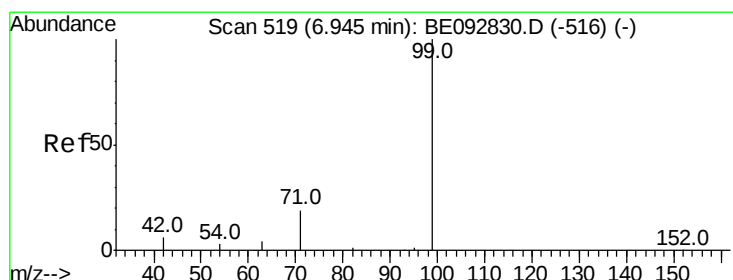
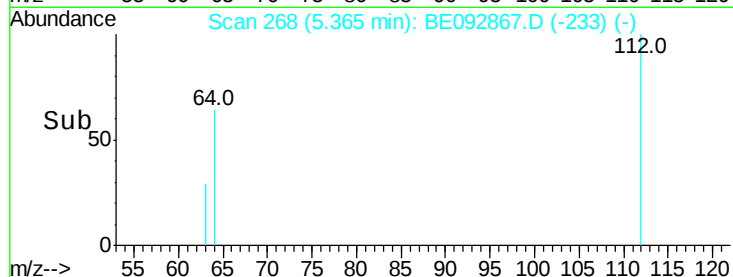
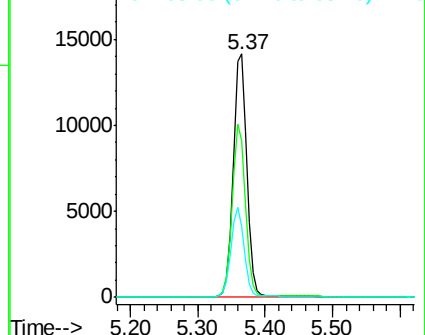
63 35.6 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092830.D (-258) (-)

Ion 64.00 (63.70 to 64.70): BE092830.D (-258) (-)

Ion 63.00 (62.70 to 63.70): BE092830.D (-258) (-)



#5

Phenol-d6

Concen: 9.27 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

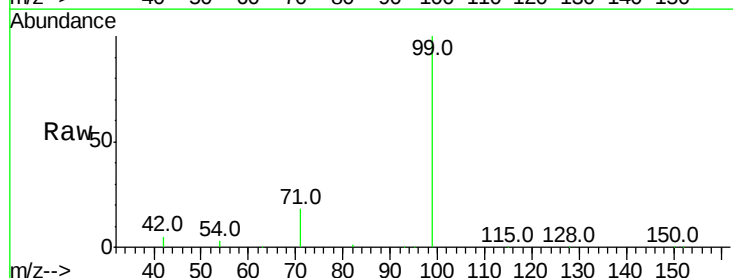
Tgt Ion: 99 Resp: 27724

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

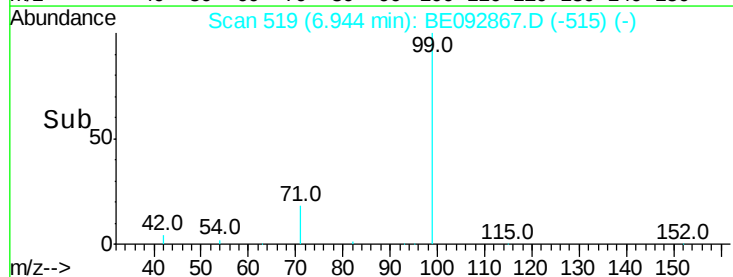
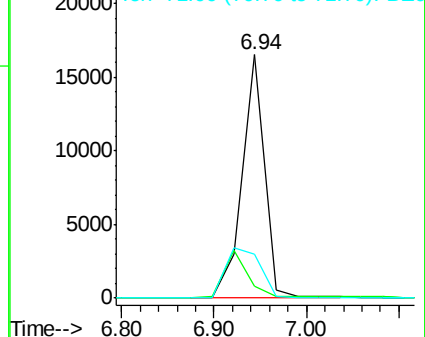
71 0.0 30.6 45.8#

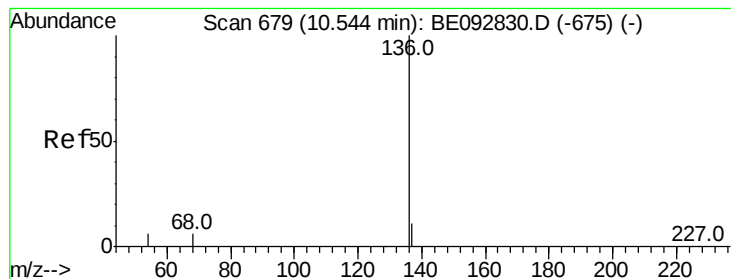


Abundance Ion 99.00 (98.70 to 99.70): BE092830.D (-516) (-)

Ion 42.00 (41.70 to 42.70): BE092830.D (-516) (-)

Ion 71.00 (70.70 to 71.70): BE092830.D (-516) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :

BNA_E

ClientSampleId :

PB97724BL

Tot Ion:136 Resp: 36956

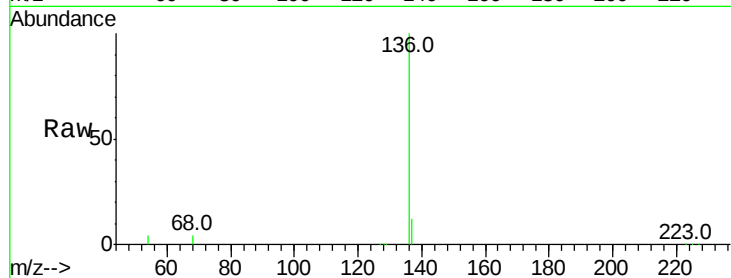
Ion Ratio Lower Upper

136 100

137 12.2 8.2 12.4

54 3.9 9.6 14.4#

68 4.0 6.7 10.1#

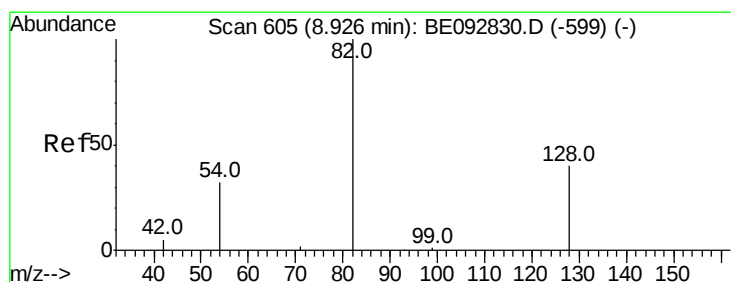
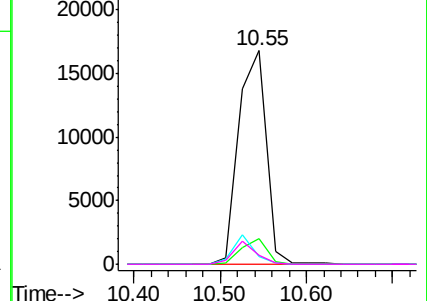
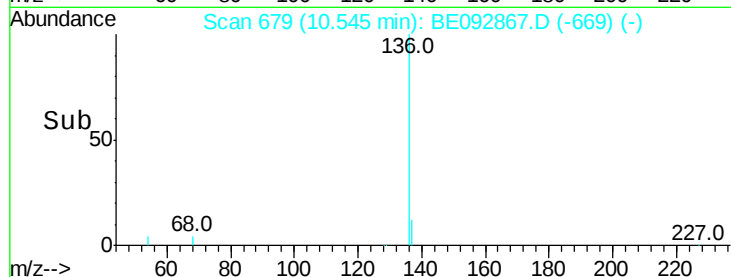


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 4.15 ng

RT: 8.92 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

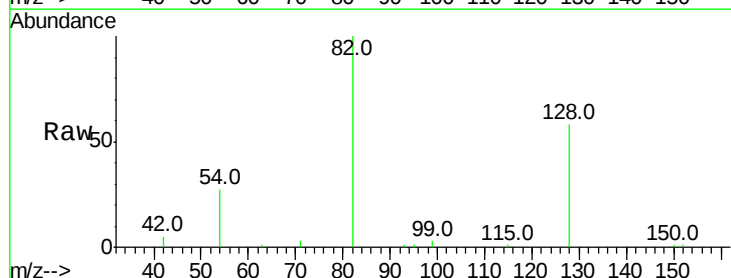
Tgt Ion: 82 Resp: 8794

Ion Ratio Lower Upper

82 100

128 57.5 39.0 58.4

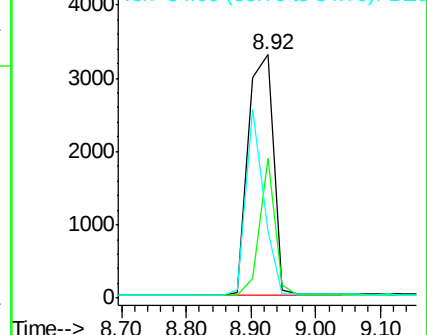
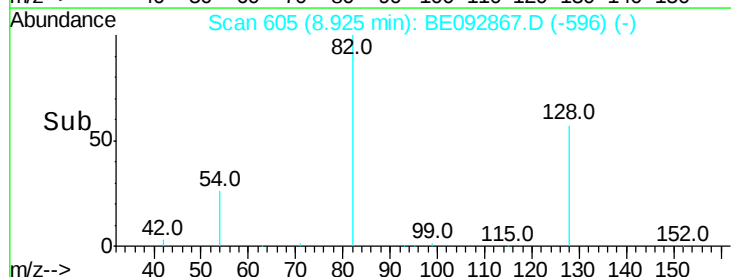
54 27.5 44.8 67.2#

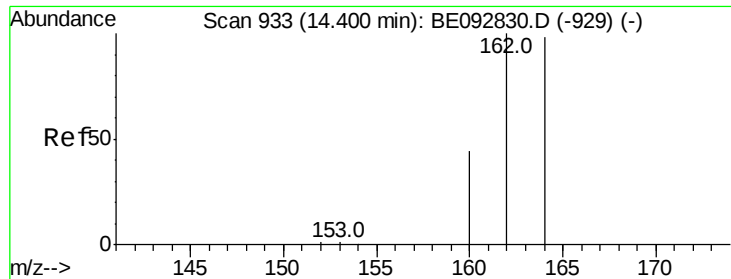


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :

BNA_E

ClientSampleId :

PB97724BL

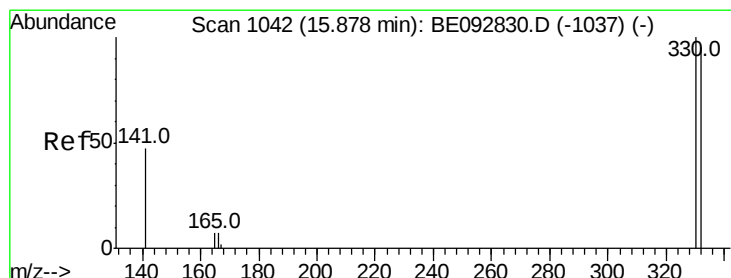
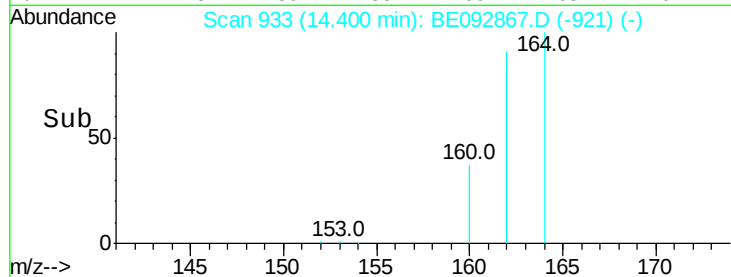
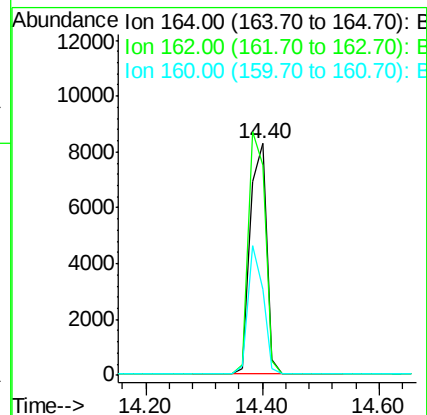
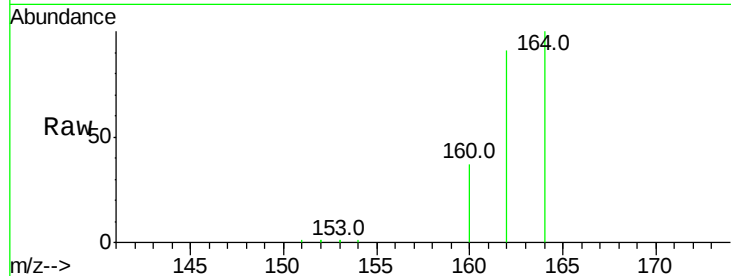
Tot Ion:164 Resp: 16266

Ion Ratio Lower Upper

164 100

162 90.8 71.4 107.0

160 37.0 27.4 41.2



#13

2,4,6-Tribromophenol

Concen: 8.20 ng

RT: 15.88 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

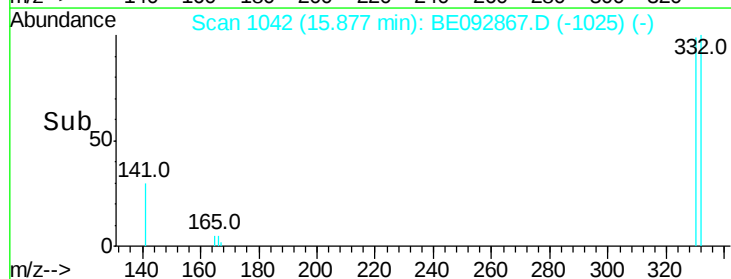
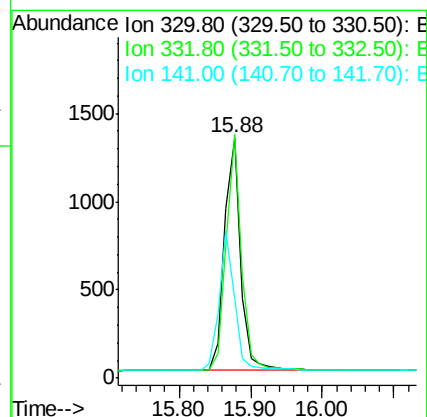
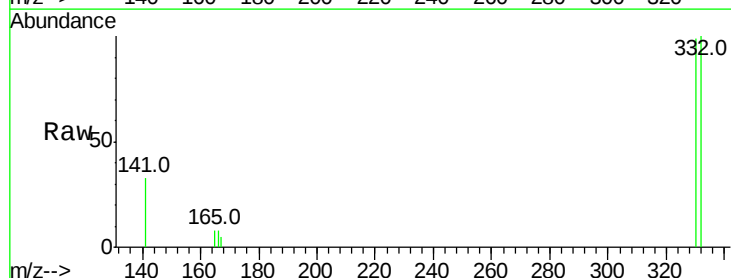
Tgt Ion:330 Resp: 2084

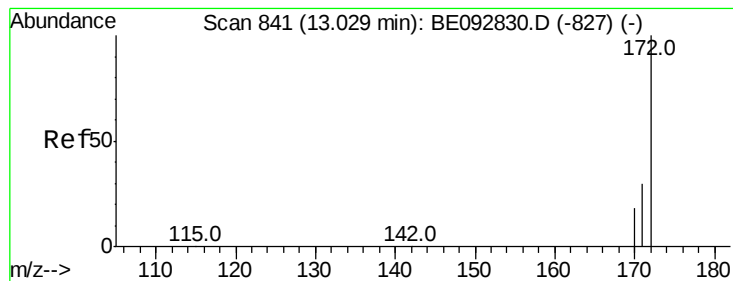
Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.0

141 56.9 31.0 46.6#

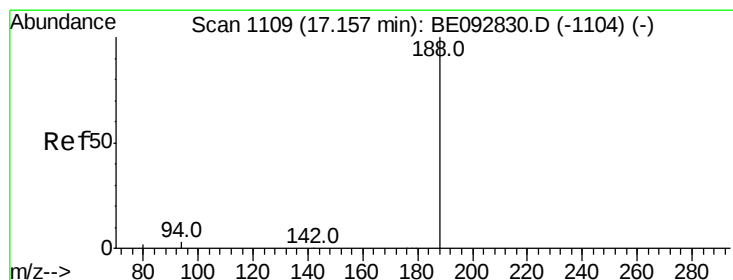
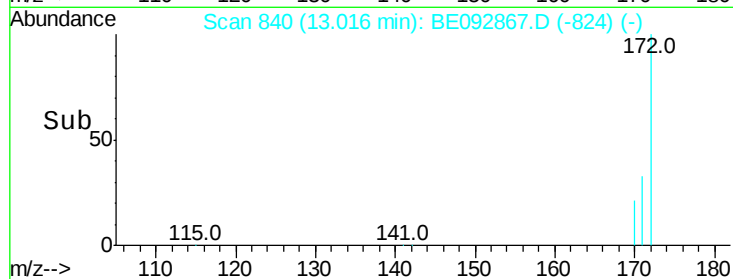
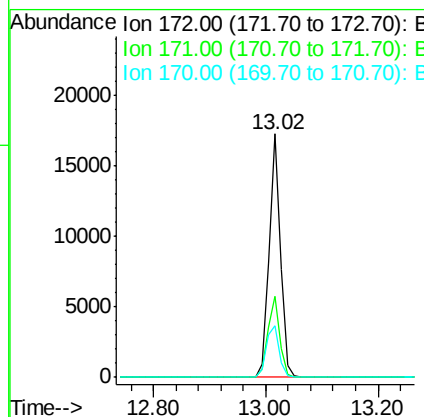
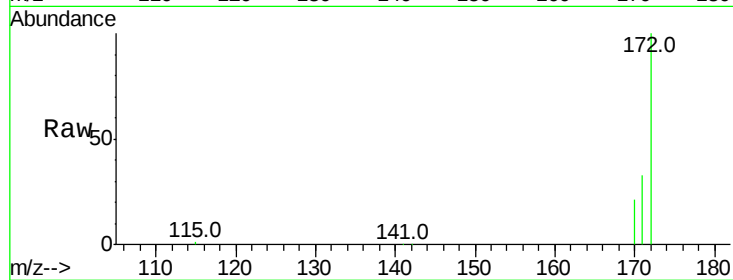




#14
 2-Fluorobiphenyl
 Concen: 4.51 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092867.D
 Acq: 29 Mar 2017 15:23

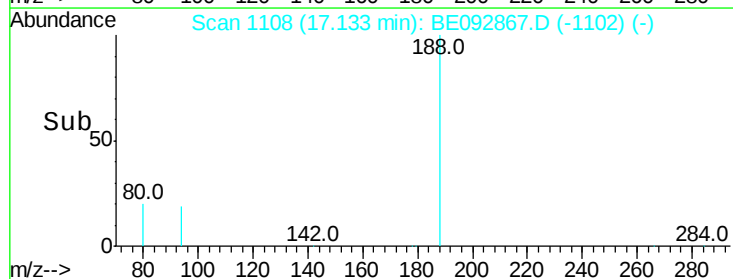
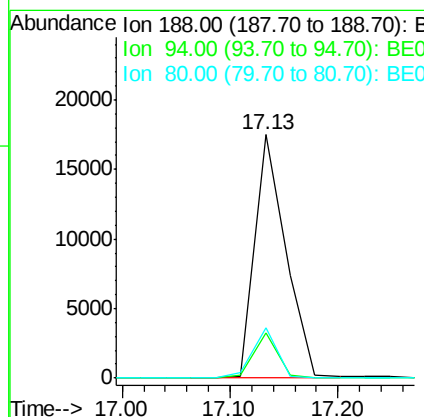
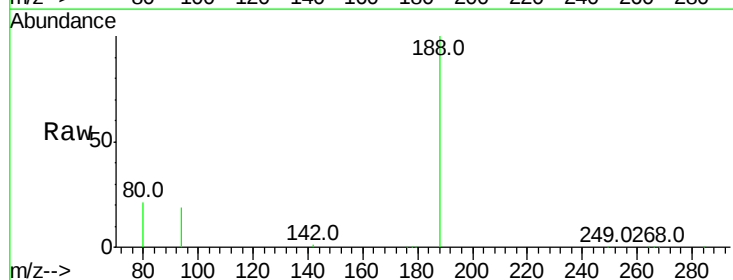
Instrument :
 BNA_E
 ClientSampleId :
 PB97724BL

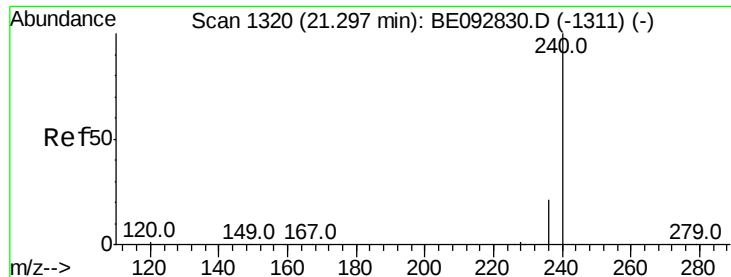
Tot Ion:172 Resp: 24151
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.1 45.1
 170 21.1 21.8 32.6#



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BE092867.D
 Acq: 29 Mar 2017 15:23

Tgt Ion:188 Resp: 34692
 Ion Ratio Lower Upper
 188 100
 94 18.8 3.2 4.8#
 80 20.5 2.6 3.8#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :

BNA_E

ClientSampleId :

PB97724BL

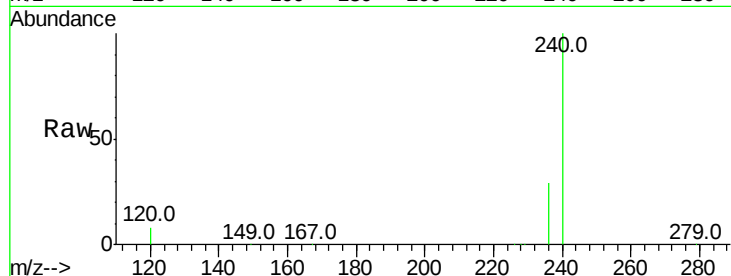
Tot Ion:240 Resp: 37819

Ion Ratio Lower Upper

240 100

120 7.5 2.6 4.0#

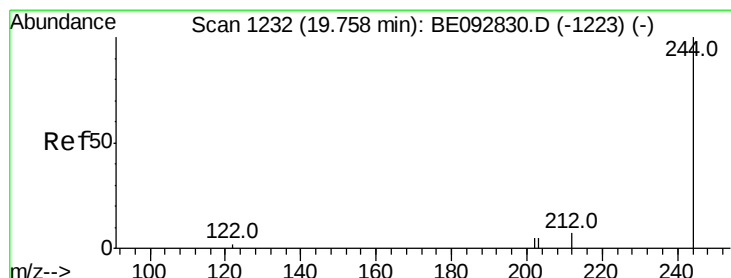
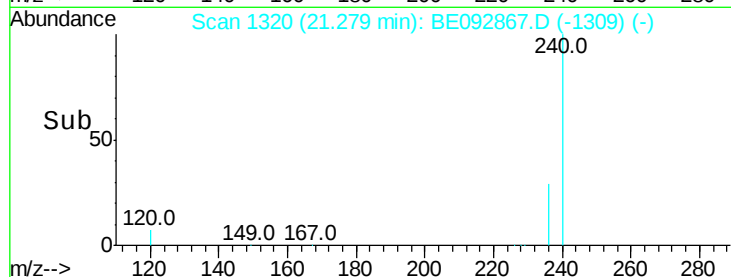
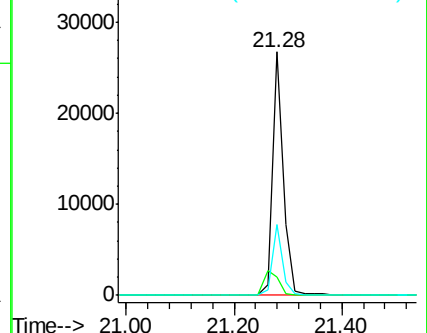
236 29.0 24.6 37.0



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



#26

Terphenyl-d14

Concen: 3.55 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

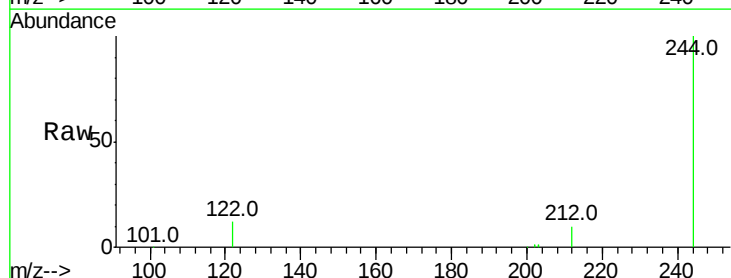
Tgt Ion:244 Resp: 23210

Ion Ratio Lower Upper

244 100

212 10.1 6.7 10.1#

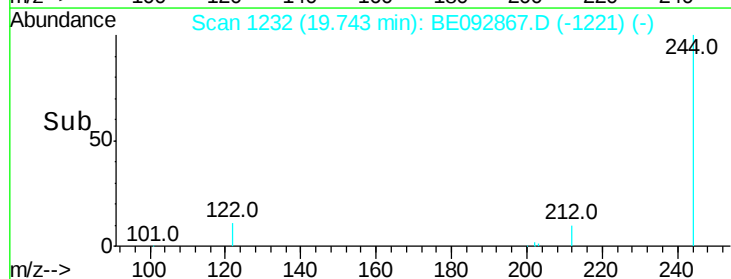
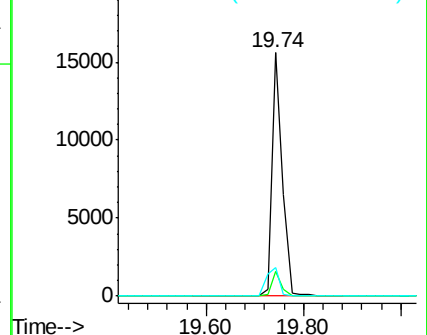
122 11.6 3.6 5.4#

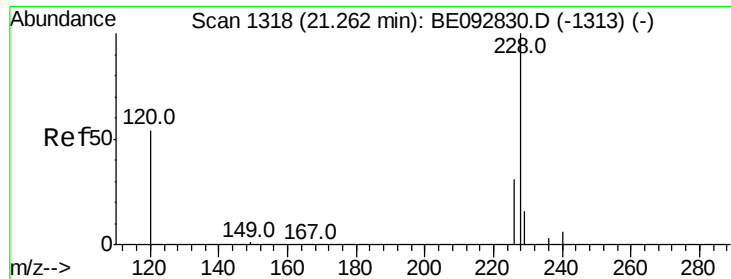


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

Delta R.T. 0.02 min

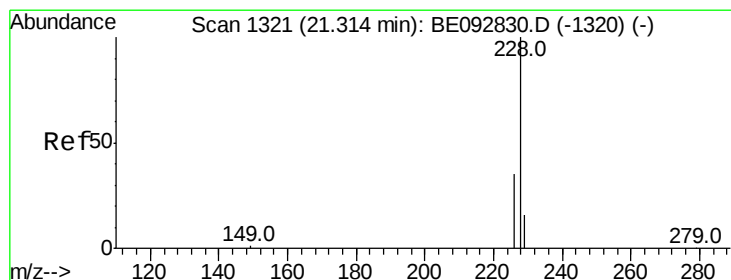
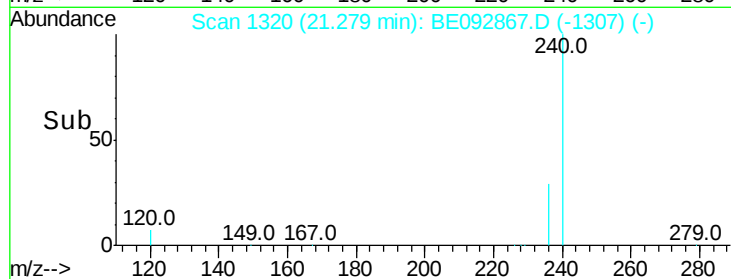
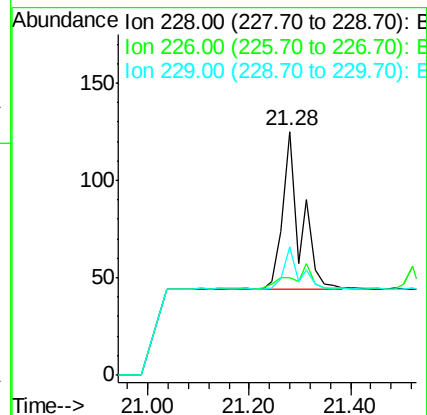
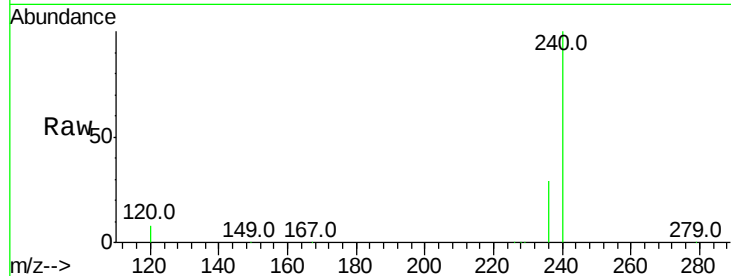
Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Instrument :
BNA_E
ClientSampleId :
PB97724BL

Tot Ion:228 Resp: 198

Ion	Ratio	Lower	Upper
228	100		
226	40.0	23.6	35.4#
229	52.8	13.3	19.9#



#28

Chrysene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

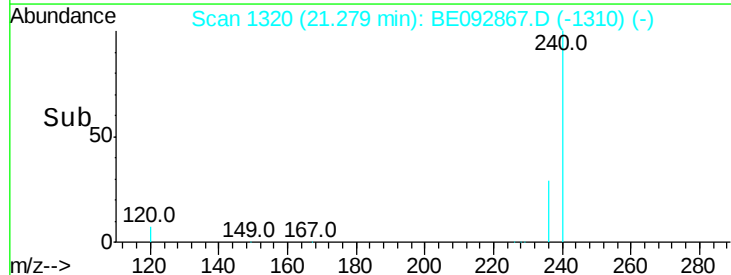
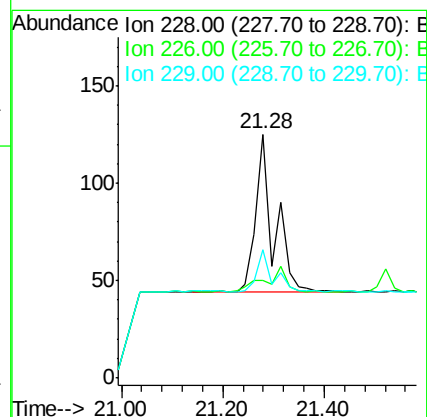
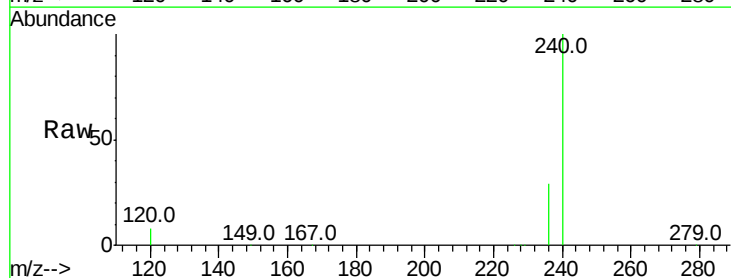
Delta R.T. -0.04 min

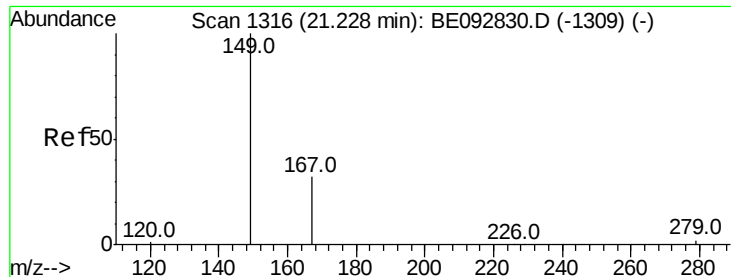
Lab File: BE092867.D

Acq: 29 Mar 2017 15:23

Tgt Ion:228 Resp: 200

Ion	Ratio	Lower	Upper
228	100		
226	40.0	36.3	54.5
229	52.8	10.6	16.0#

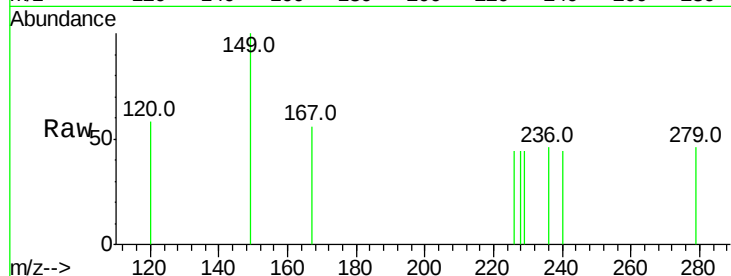




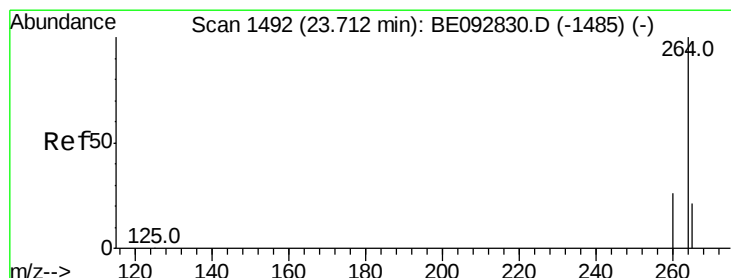
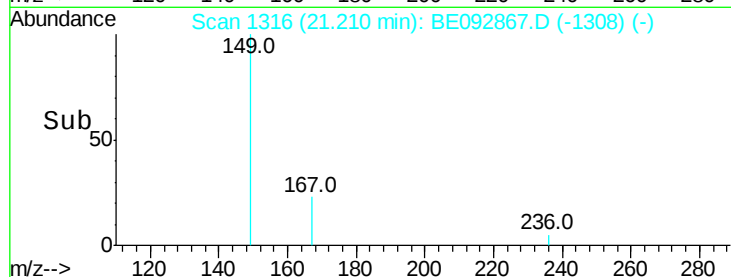
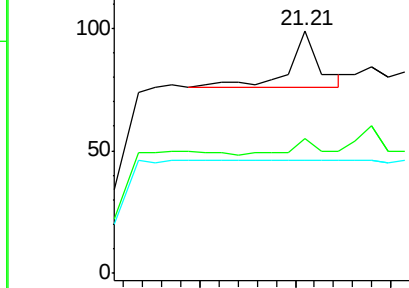
#29
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.21 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BE092867.D
 Acq: 29 Mar 2017 15:23

Instrument :
 BNA_E
 ClientSampleId :
 PB97724BL

Tot Ion:149 Resp: 49
 Ion Ratio Lower Upper
 149 100
 167 24.5 16.0 24.0#
 279 0.0 16.0 24.0#

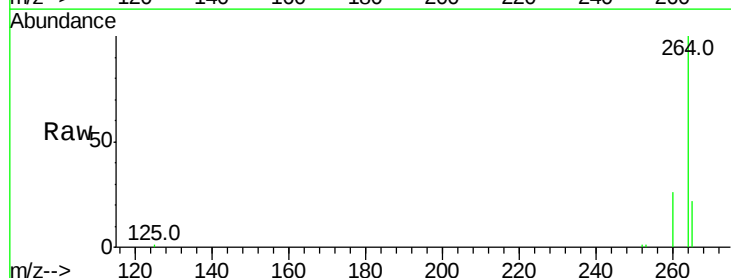


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.70 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE092867.D
 Acq: 29 Mar 2017 15:23

Tgt Ion:264 Resp: 32394
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.7 17.9 26.9



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

