

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092862.D
 Acq On : 29 Mar 2017 11:06
 Operator : SJ/MA
 Sample : PB97725BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97725BL

Quant Time: Mar 30 01:41:28 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

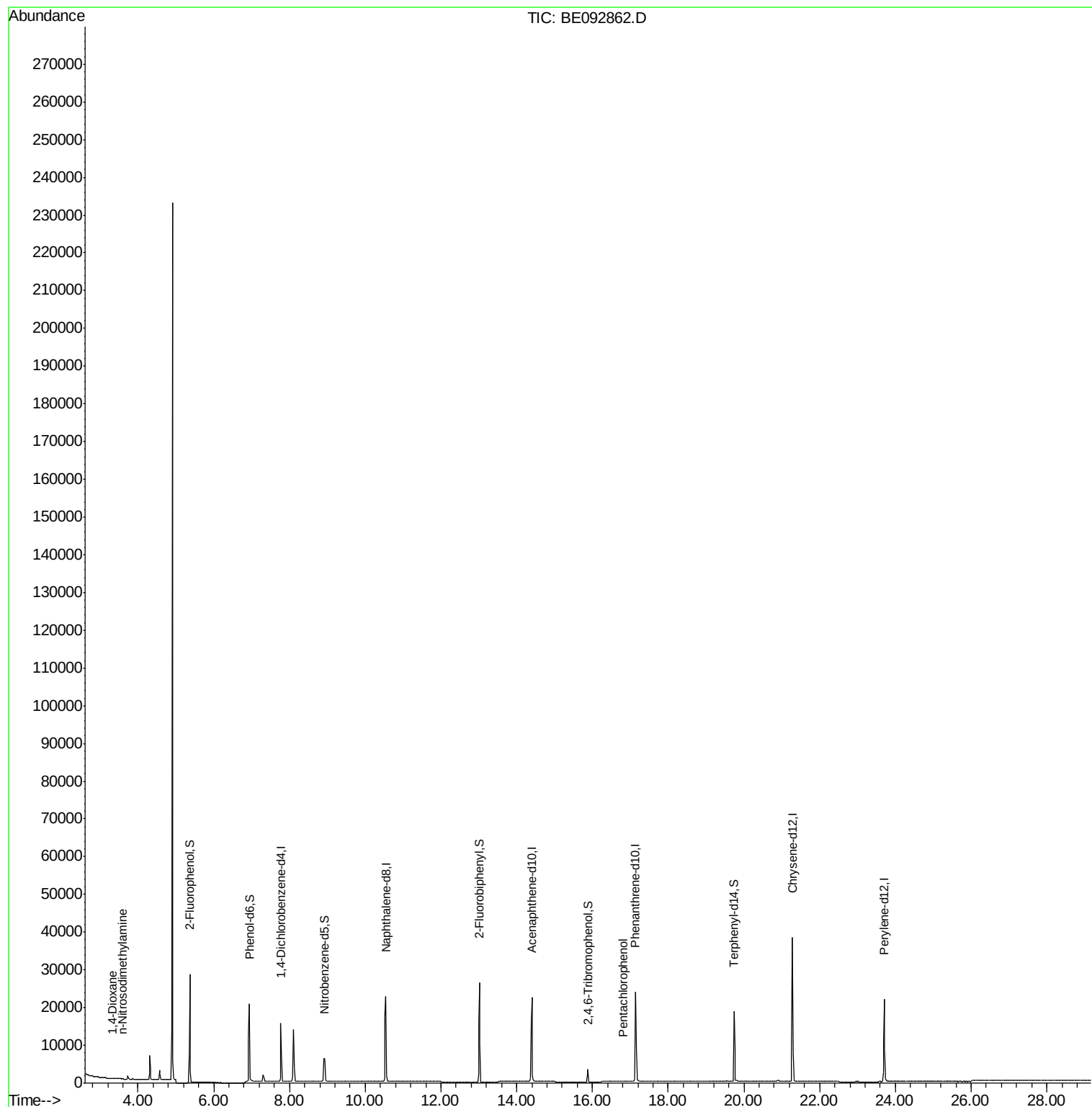
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	9052	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	37451	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16367	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	34702	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	38163	5.00	ng	-0.02
31) Perylene-d12	23.70	264	32384	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	20290	9.62	ng	0.00
5) Phenol-d6	6.95	99	27785	8.98	ng	0.00
8) Nitrobenzene-d5	8.93	82	8487	3.95	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2052	8.03	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	24431	4.53	ng	-0.01
26) Terphenyl-d14	19.74	244	23130	3.51	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	25	0.02	ng	# 19
3) n-Nitrosodimethylamine	3.60	42	32	0.03	ng	# 1
20) Pentachlorophenol	16.81	266	1	0.23	ng	# 72
29) Bis(2-ethylhexyl)phthalate	21.21	149	46	Below Cal		# 73

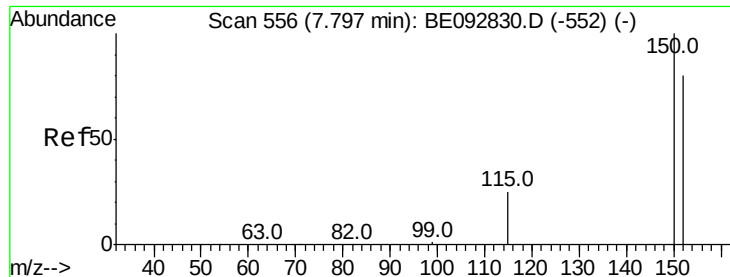
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampled :

PB97725BL

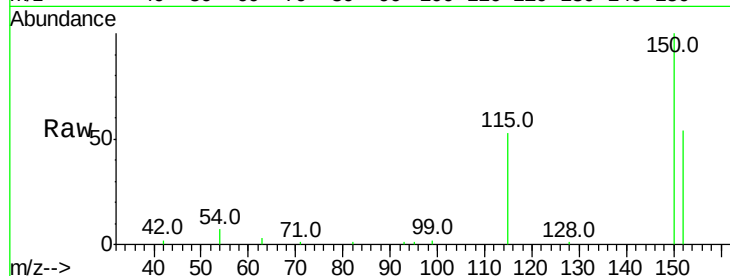
Tot Ion:152 Resp: 9052

Ion Ratio Lower Upper

152 100

150 183.8 106.0 159.0#

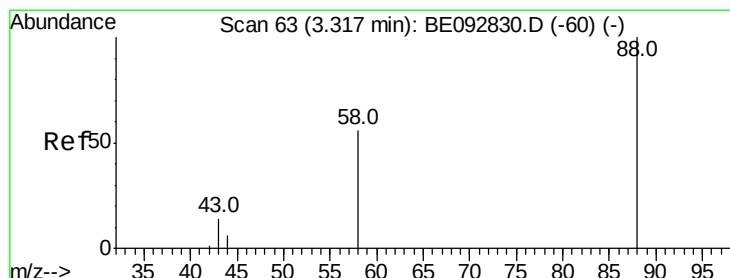
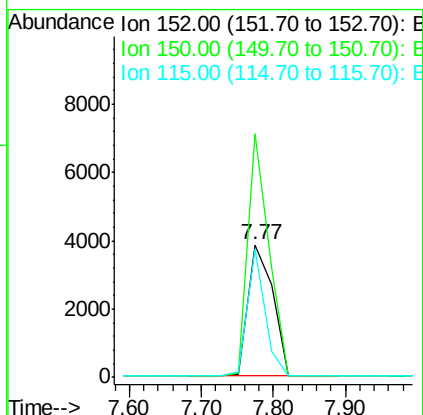
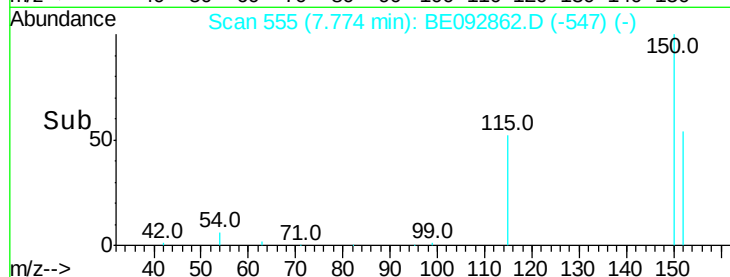
115 96.7 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 0.02 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

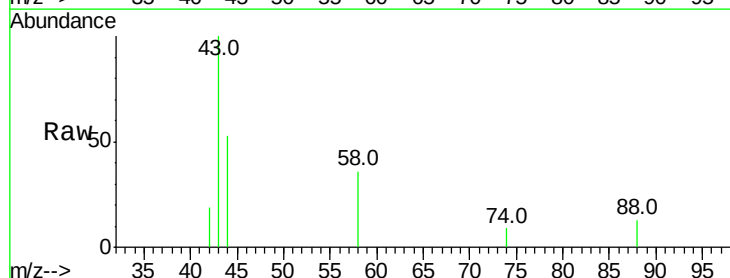
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

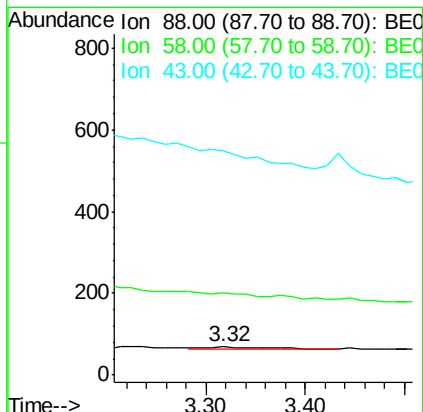
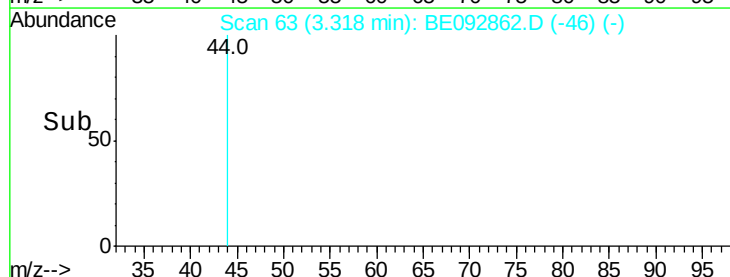
43 0.0 28.0 42.0#

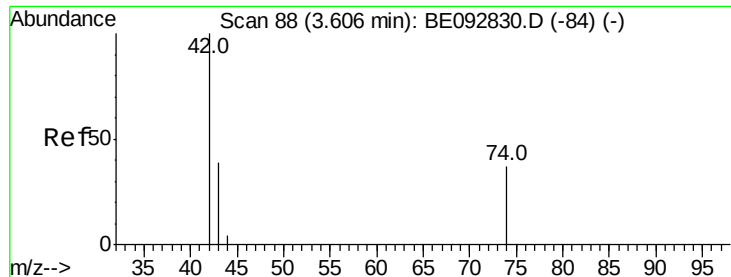


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampleId :

PB97725BL

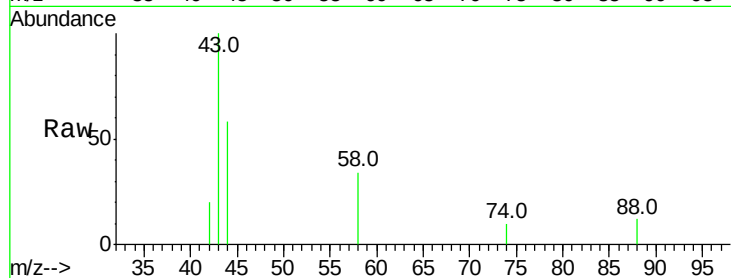
Tot Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

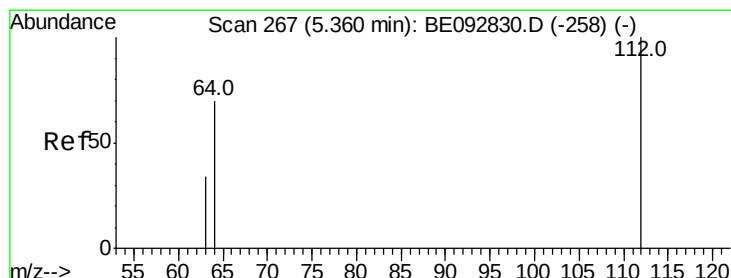
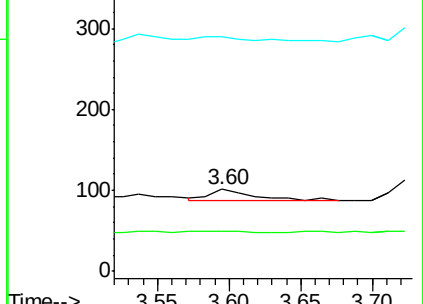
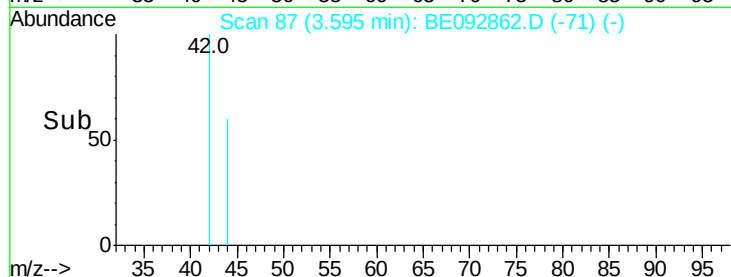
44 25.0 5.1 7.7#



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: 9.62 ng

RT: 5.36 min Scan# 268

Delta R.T. 0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

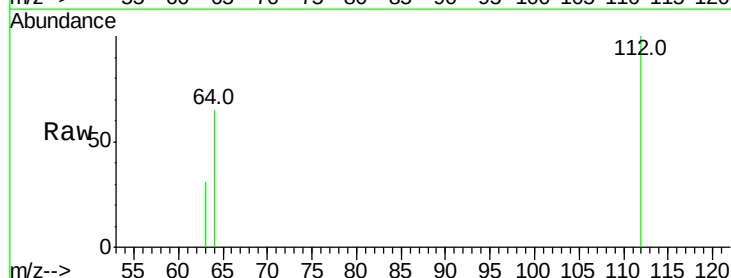
Tgt Ion: 112 Resp: 20290

Ion Ratio Lower Upper

112 100

64 69.1 53.5 80.3

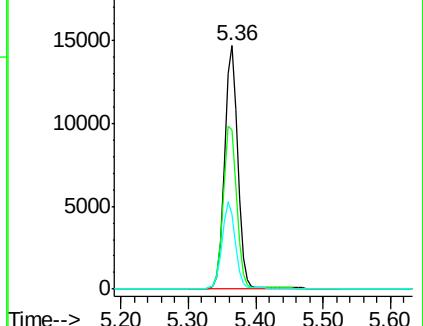
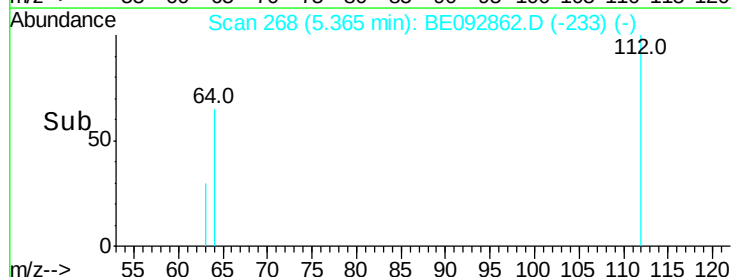
63 35.5 27.9 41.9

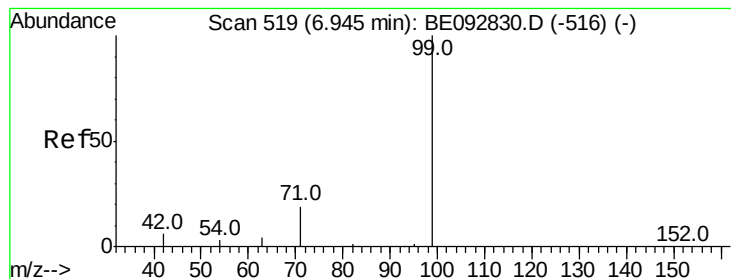


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.98 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampleId :

PB97725BL

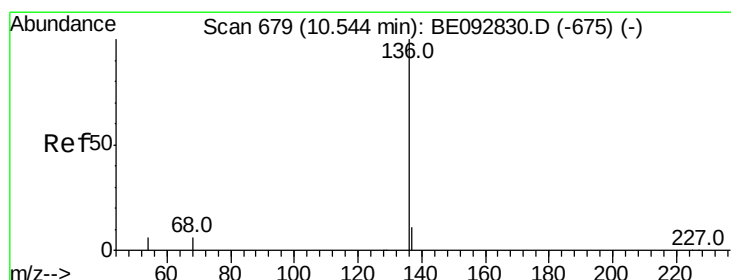
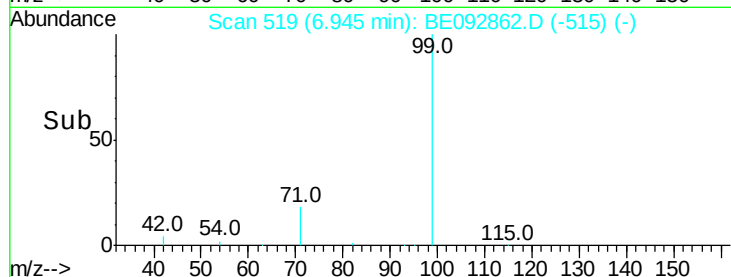
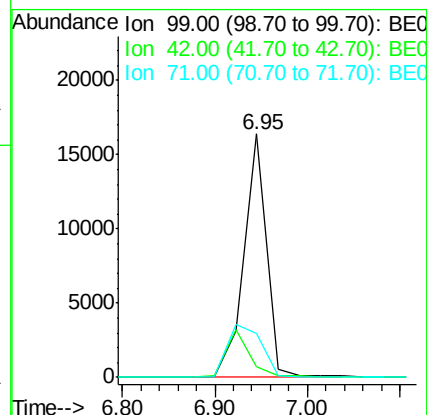
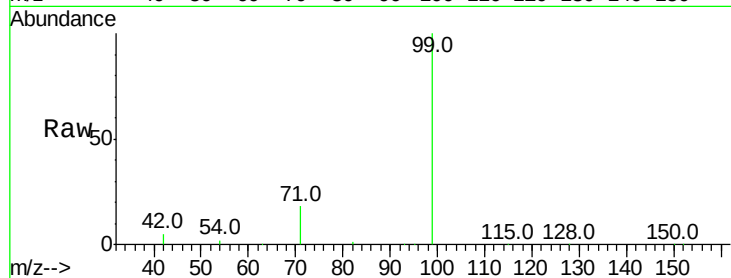
Tot Ion: 99 Resp: 27785

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Tgt Ion: 136 Resp: 37451

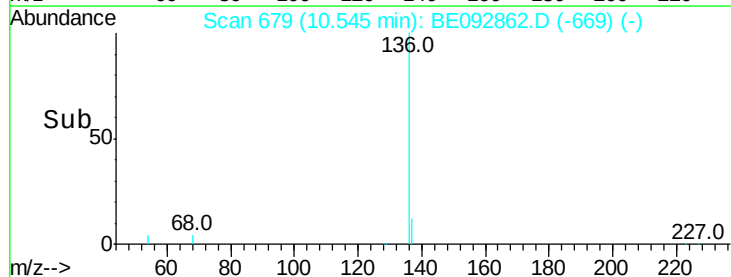
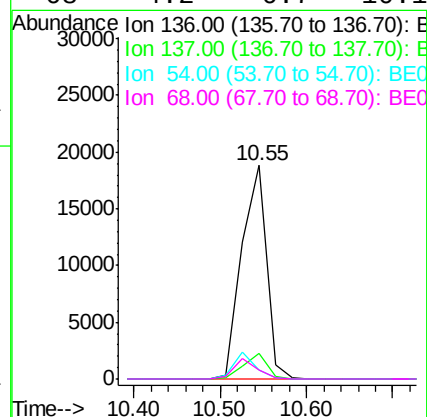
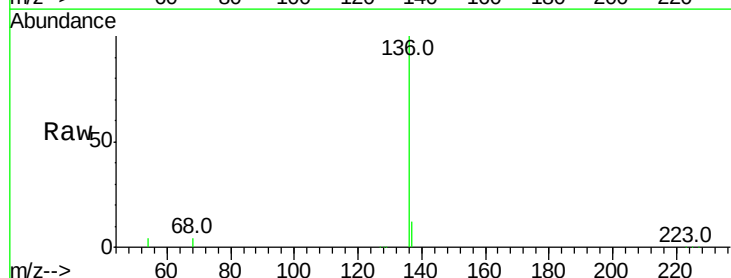
Ion Ratio Lower Upper

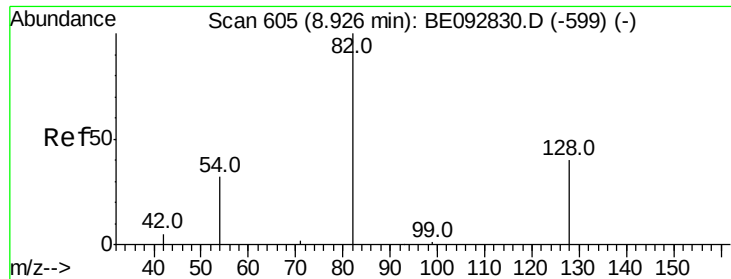
136 100

137 12.0 8.2 12.4

54 4.0 9.6 14.4#

68 4.2 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 3.95 ng

RT: 8.93 min Scan# 605

Delta R.T. 0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampleId :

PB97725BL

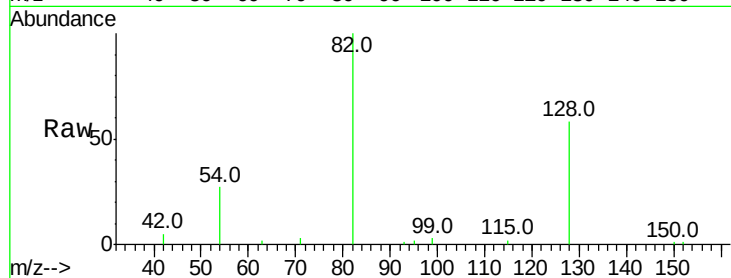
Tot Ion: 82 Resp: 8487

Ion Ratio Lower Upper

82 100

128 58.0 39.0 58.4

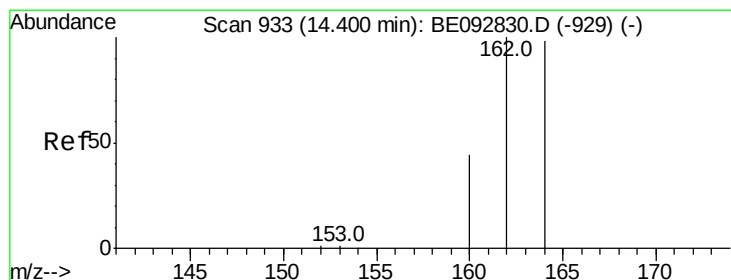
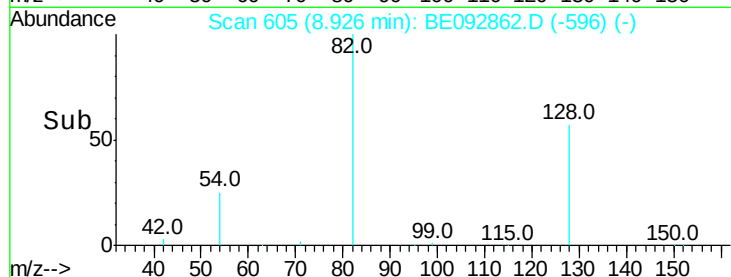
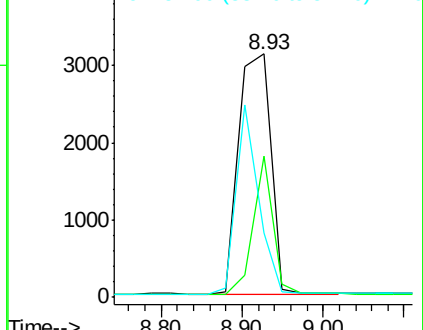
54 26.6 44.8 67.2#



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: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

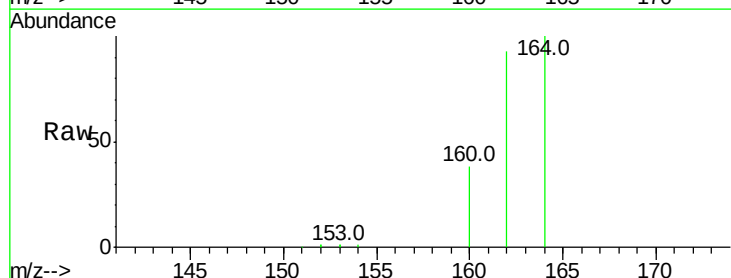
Tgt Ion: 164 Resp: 16367

Ion Ratio Lower Upper

164 100

162 93.3 71.4 107.0

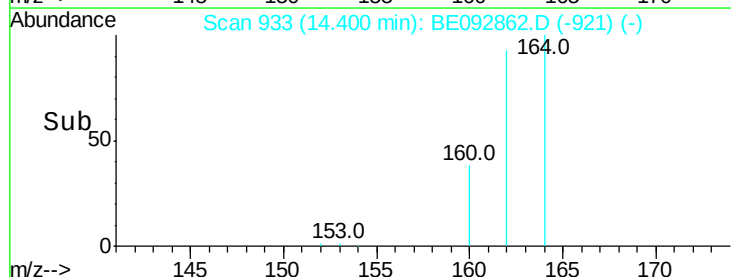
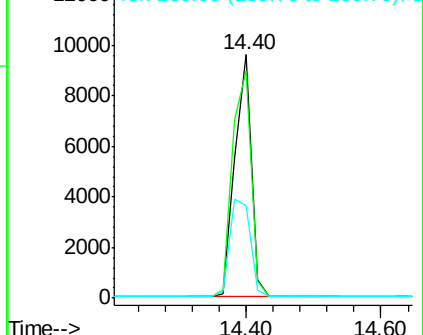
160 38.0 27.4 41.2

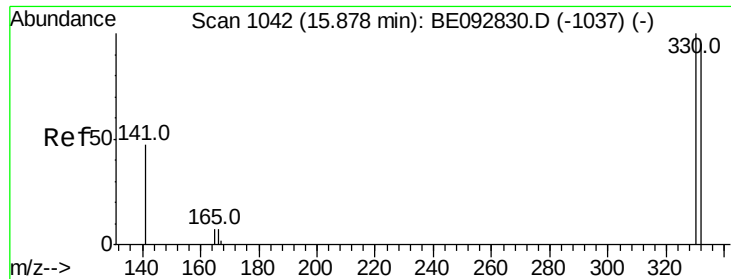


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

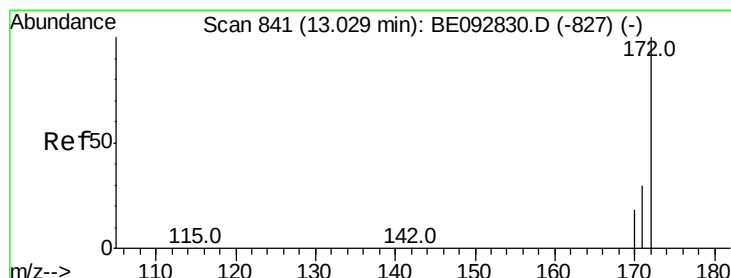
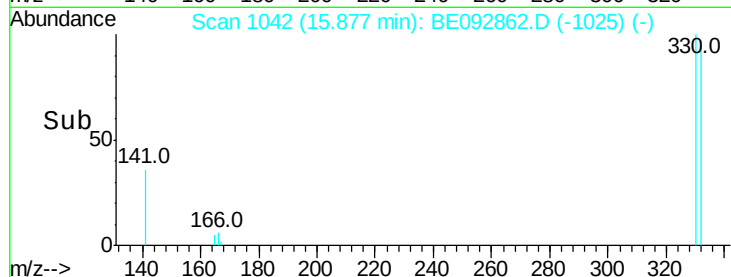
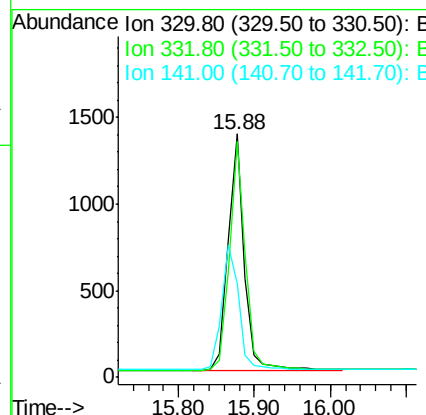
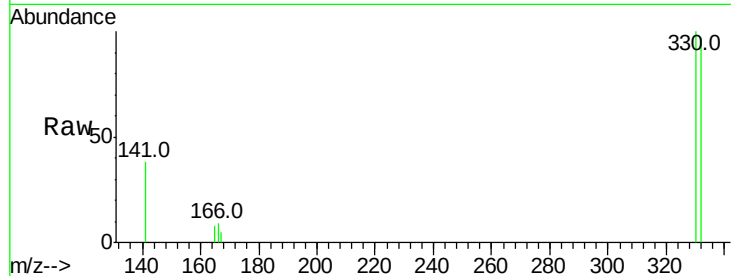




#13
 2,4,6-Tribromophenol
 Concen: 8.03 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092862.D
 Acq: 29 Mar 2017 11:06

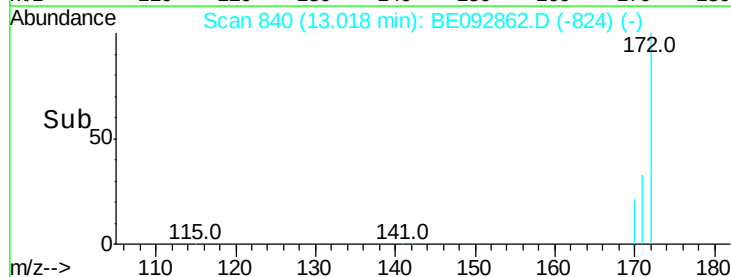
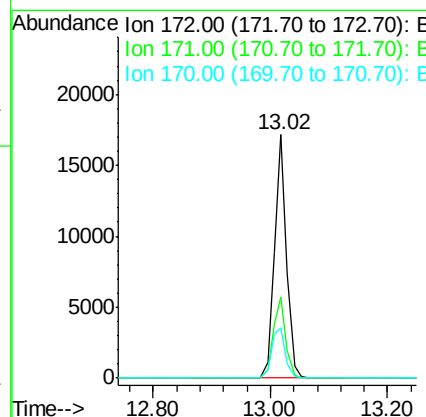
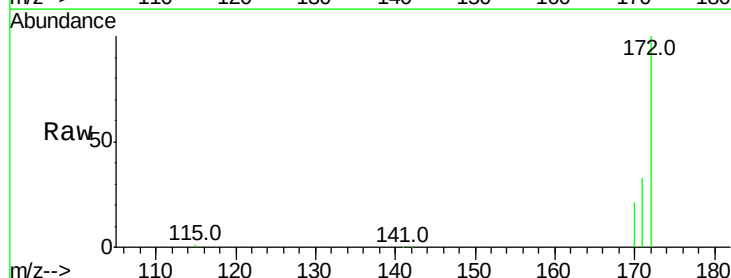
Instrument :
 BNA_E
 ClientSampleId :
 PB97725BL

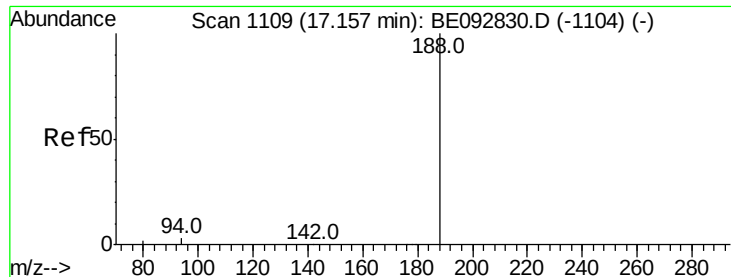
Tot Ion:330 Resp: 2052
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 56.0 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 4.53 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092862.D
 Acq: 29 Mar 2017 11:06

Tgt Ion:172 Resp: 24431
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.1 45.1
 170 20.7 21.8 32.6#

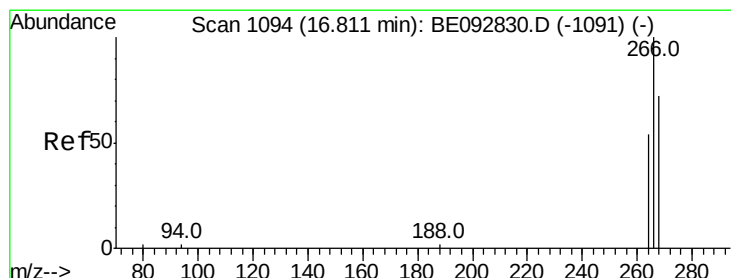
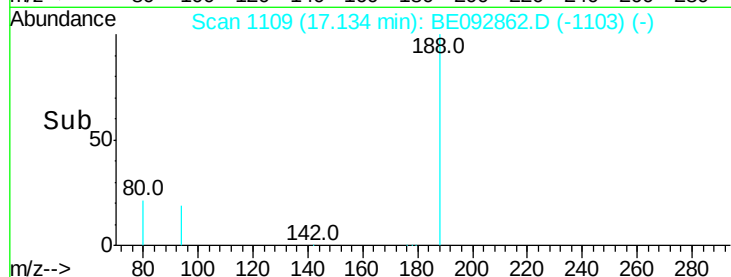
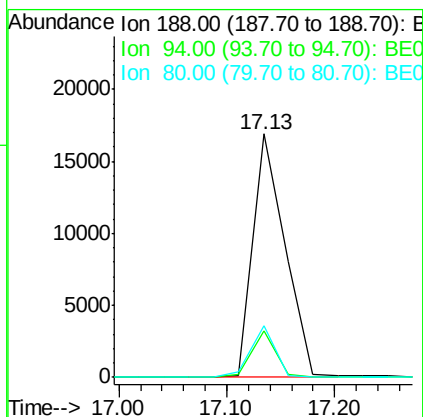
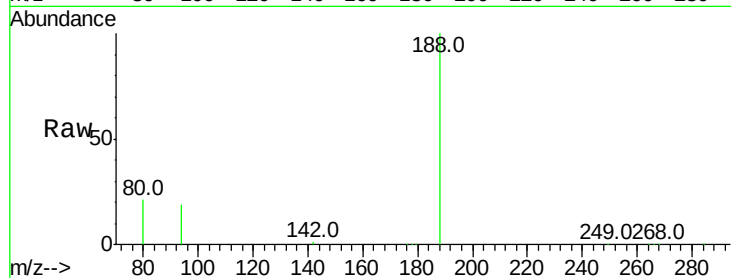




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092862.D
Acq: 29 Mar 2017 11:06

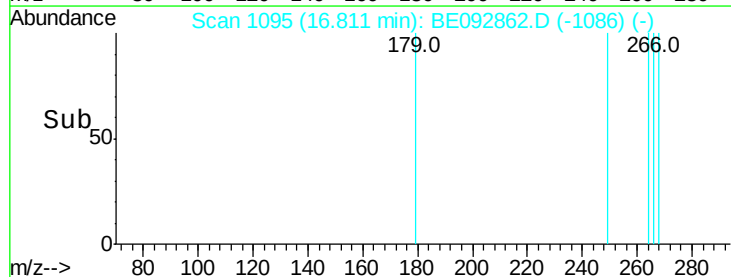
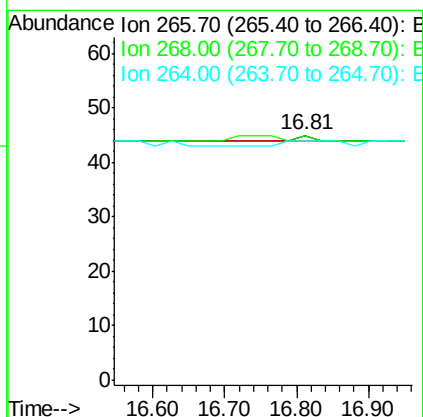
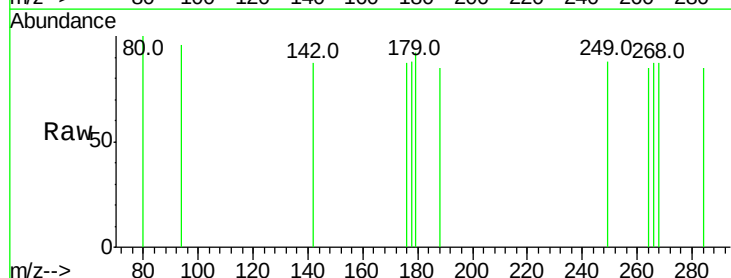
Instrument :
BNA_E
ClientSampleId :
PB97725BL

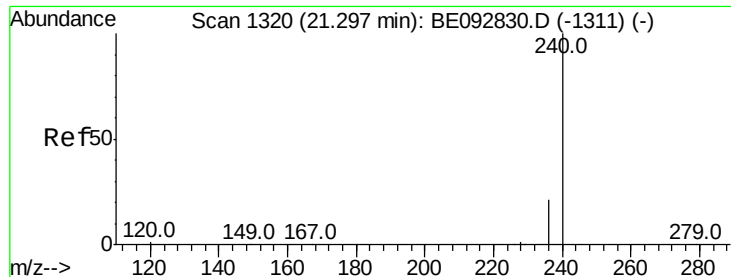
Tot Ion:188 Resp: 34702
Ion Ratio Lower Upper
188 100
94 19.1 3.2 4.8#
80 21.0 2.6 3.8#



#20
Pentachlorophenol
Concen: 0.23 ng
RT: 16.81 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE092862.D
Acq: 29 Mar 2017 11:06

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 97.8 57.2 85.8#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampleId :

PB97725BL

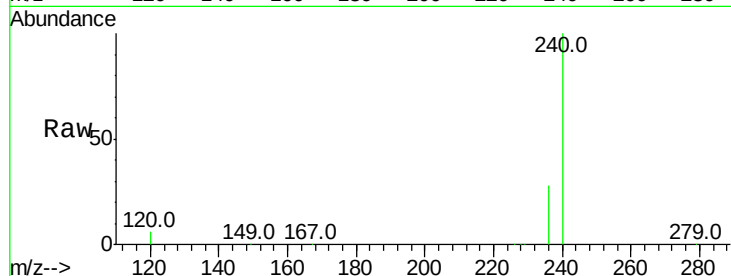
Tot Ion:240 Resp: 38163

Ion Ratio Lower Upper

240 100

120 6.3 2.6 4.0#

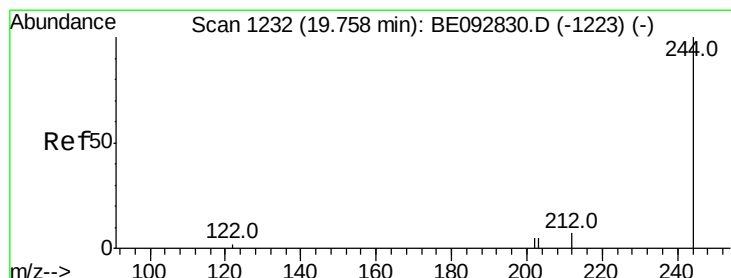
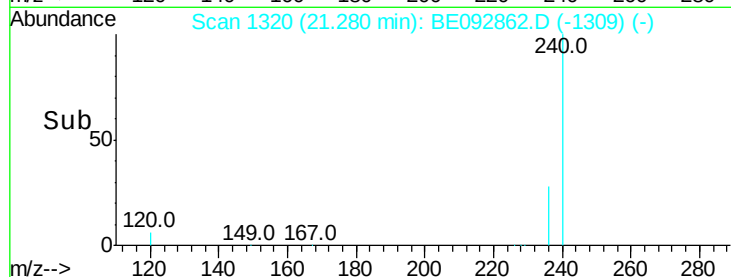
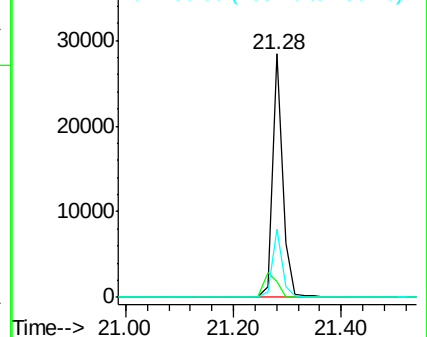
236 28.0 24.6 37.0



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: 3.51 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

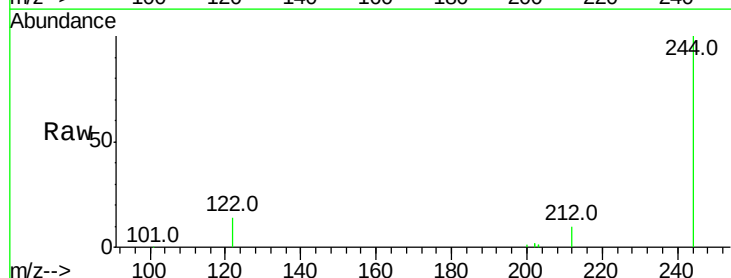
Tgt Ion:244 Resp: 23130

Ion Ratio Lower Upper

244 100

212 10.2 6.7 10.1#

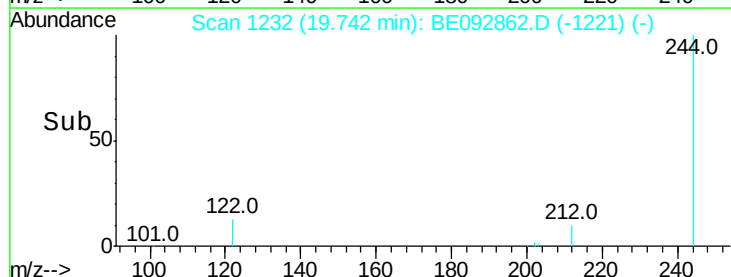
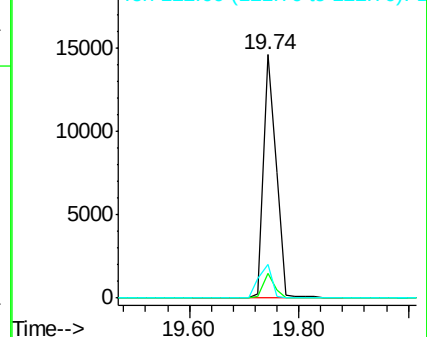
122 13.7 3.6 5.4#

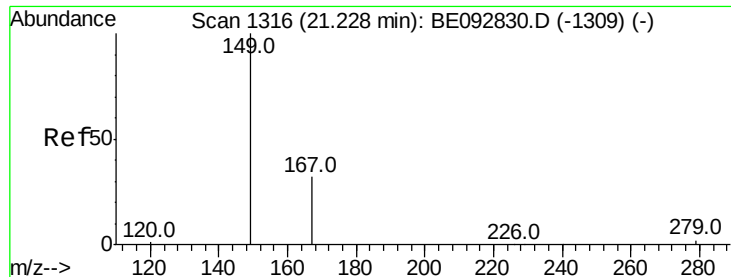


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092862.D

Acq: 29 Mar 2017 11:06

Instrument :

BNA_E

ClientSampleId :

PB97725BL

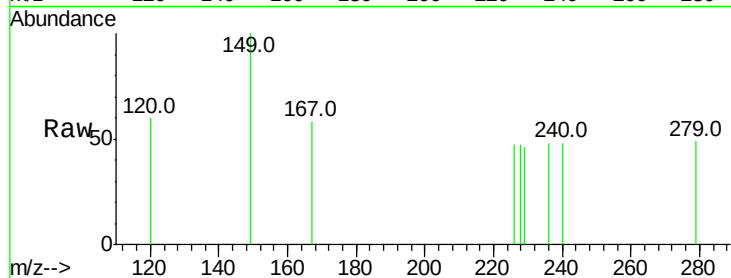
Tot Ion:149 Resp: 46

Ion Ratio Lower Upper

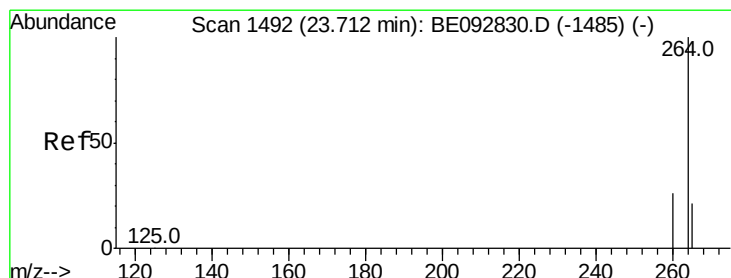
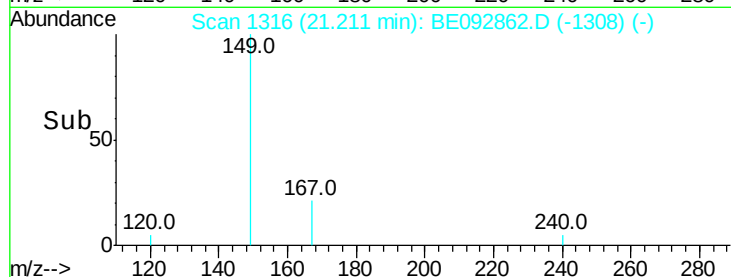
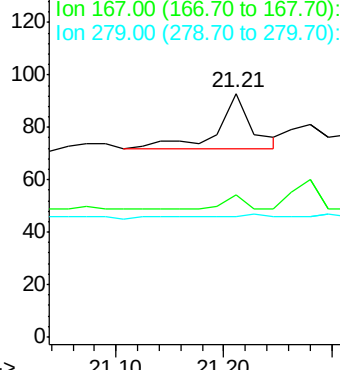
149 100

167 13.0 16.0 24.0#

279 2.2 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: BE092862.D

Acq: 29 Mar 2017 11:06

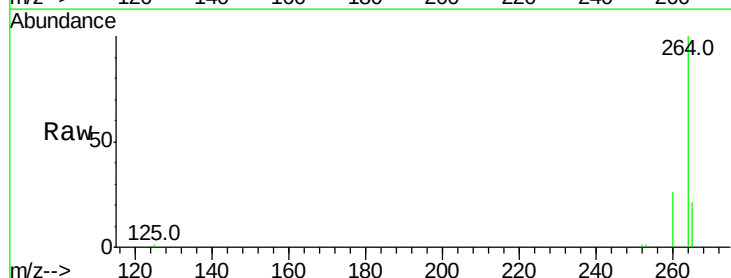
Tgt Ion:264 Resp: 32384

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.0 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

