

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092858.D
 Acq On : 29 Mar 2017 4:53
 Operator : SJ/MA
 Sample : I2341-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 06:28:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 14:58:05 2017
 Response via : Initial Calibration

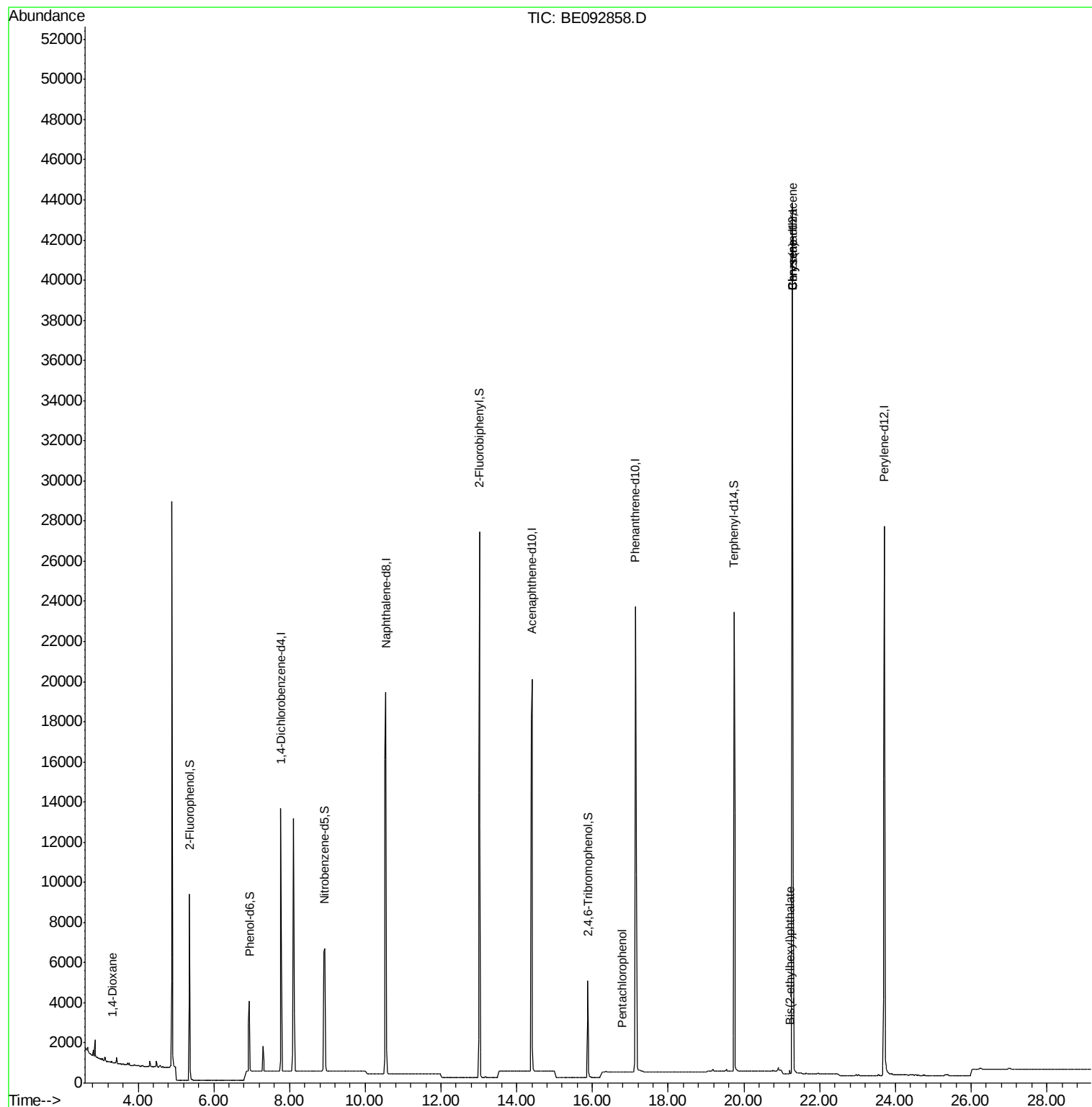
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7505	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	32788	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15509	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	35418	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	44349	5.00	ng	-0.02
31) Perylene-d12	23.70	264	39720	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	6427	3.68	ng	0.00
5) Phenol-d6	6.94	99	5949	2.32	ng	0.00
8) Nitrobenzene-d5	8.93	82	8655	4.60	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	2790	11.52	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	25229	4.94	ng	-0.01
26) Terphenyl-d14	19.74	244	30783	4.02	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	56	0.06	ng	# 58
20) Pentachlorophenol	16.79	266	4	0.24	ng	# 72
27) Benzo(a)anthracene	21.28	228	243	0.02	ng	# 64
28) Chrysene	21.28	228	247	0.02	ng	# 69
29) Bis(2-ethylhexyl)phthalate	21.21	149	225	0.06	ng	# 79

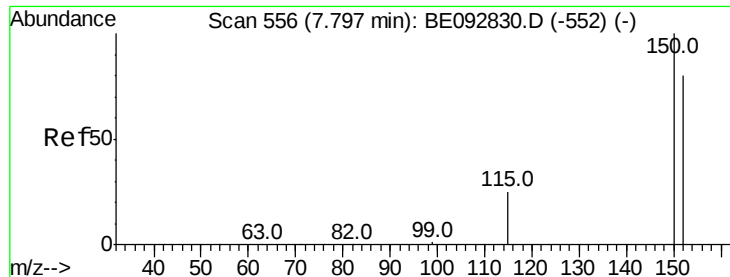
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

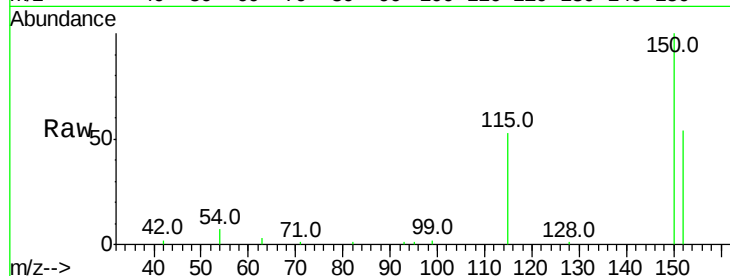
Tot Ion:152 Resp: 7505

Ion Ratio Lower Upper

152 100

150 185.5 106.0 159.0#

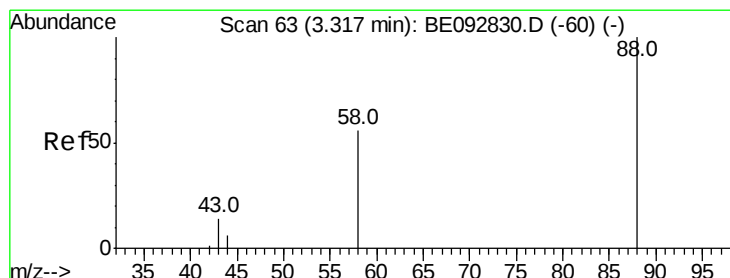
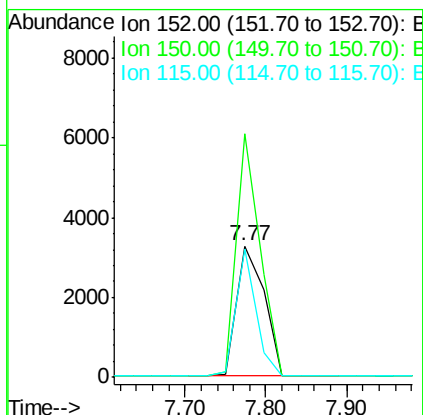
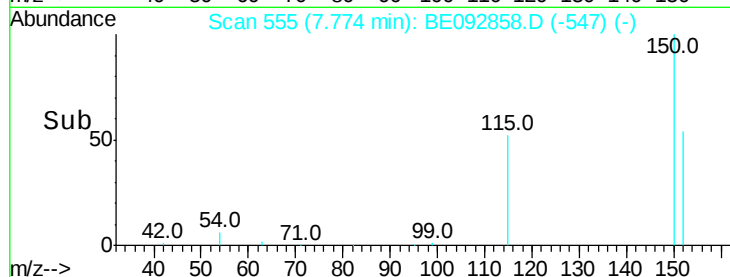
115 97.9 31.2 46.8#



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: 0.06 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

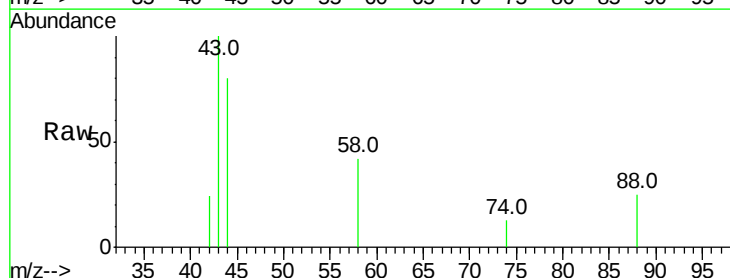
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

58 108.9 63.6 95.4#

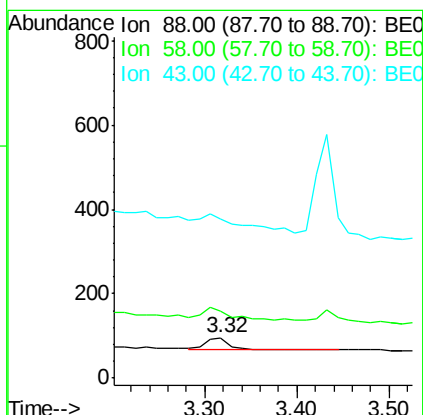
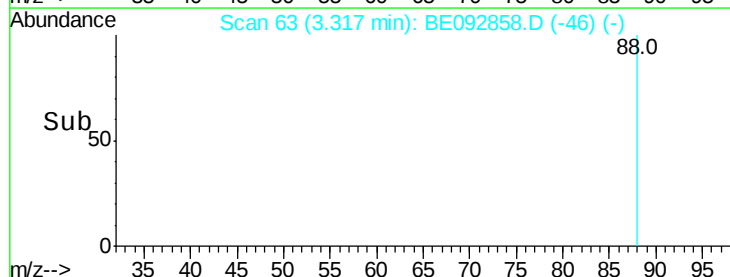
43 0.0 28.0 42.0#

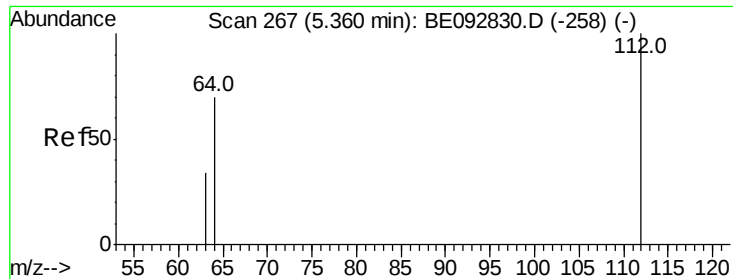


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.68 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

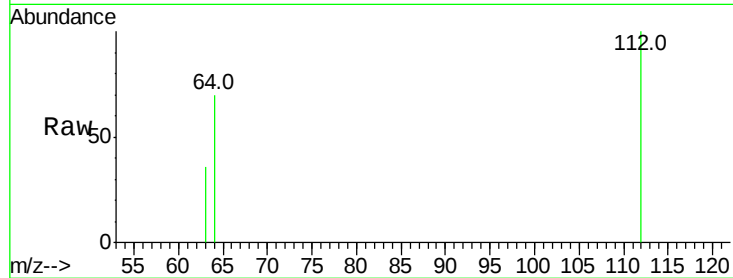
Tot Ion:112 Resp: 6427

Ion Ratio Lower Upper

112 100

64 68.8 53.5 80.3

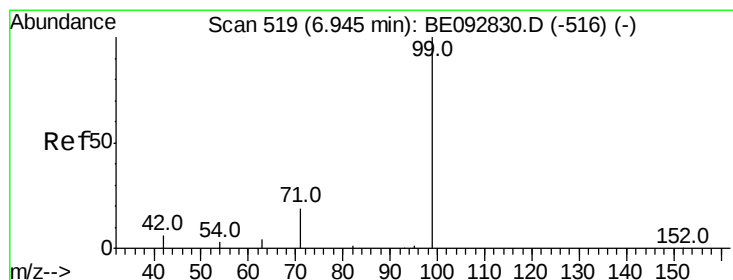
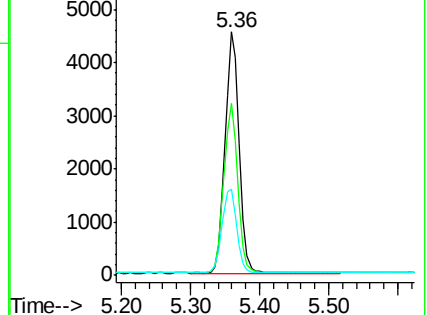
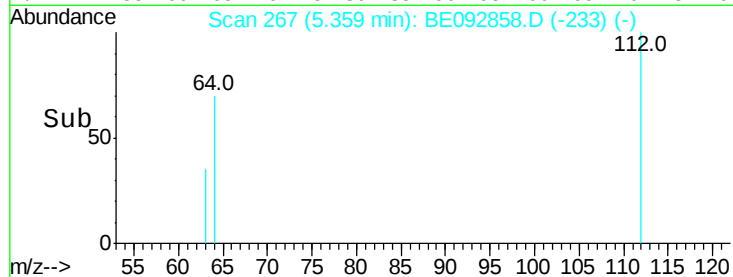
63 35.5 27.9 41.9



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: 2.32 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

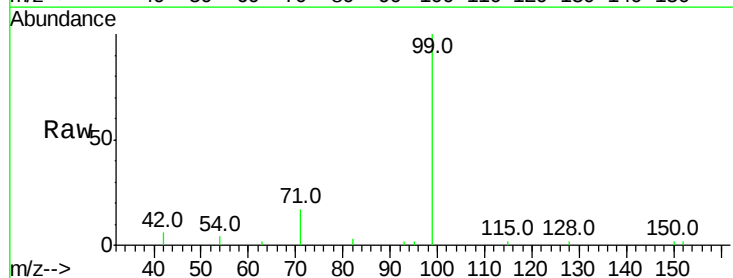
Tgt Ion: 99 Resp: 5949

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

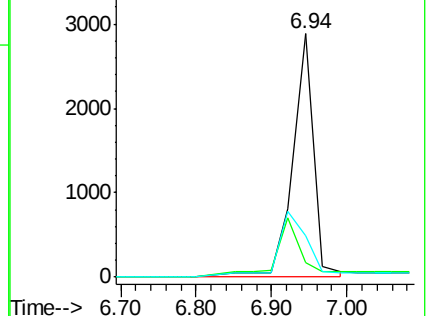
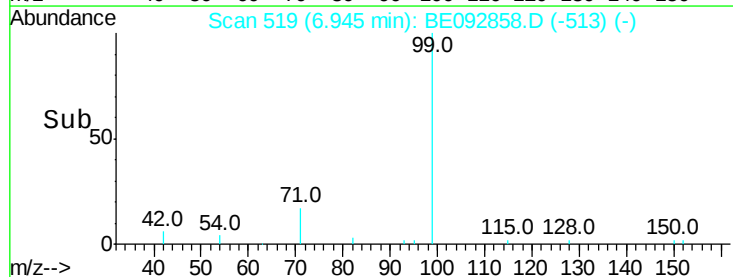
71 0.0 30.6 45.8#

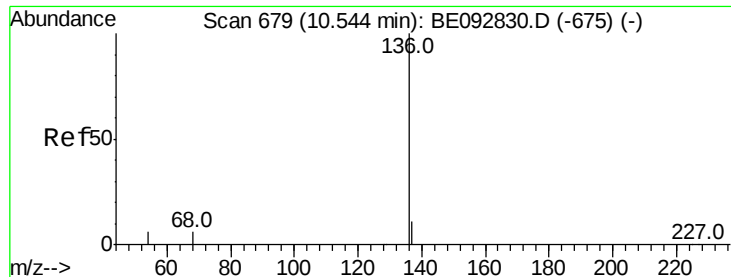


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 32788

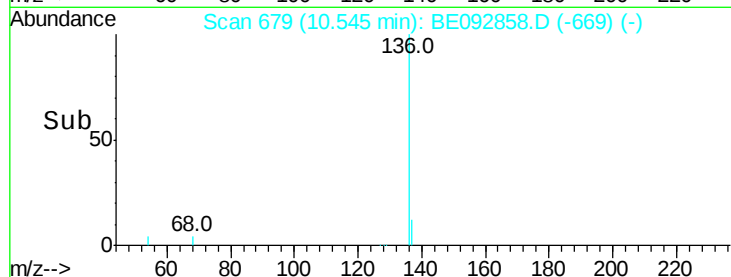
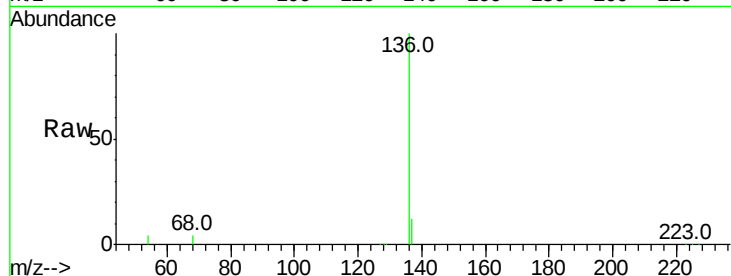
Ion Ratio Lower Upper

136 100

137 12.1 8.2 12.4

54 4.1 9.6 14.4#

68 4.2 6.7 10.1#

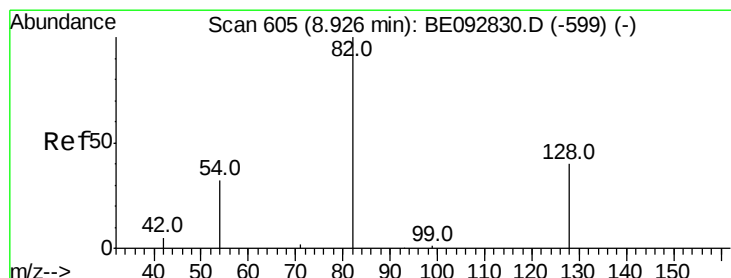
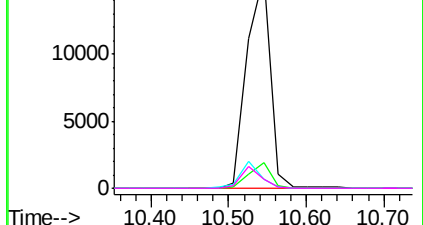


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.60 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

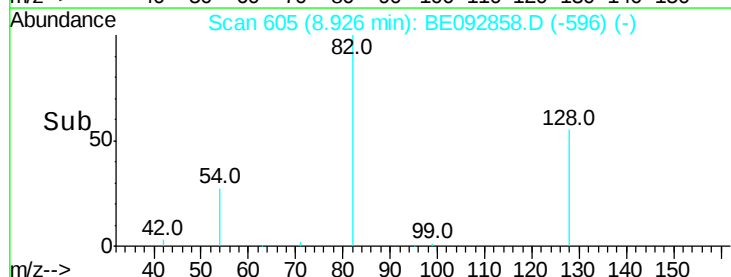
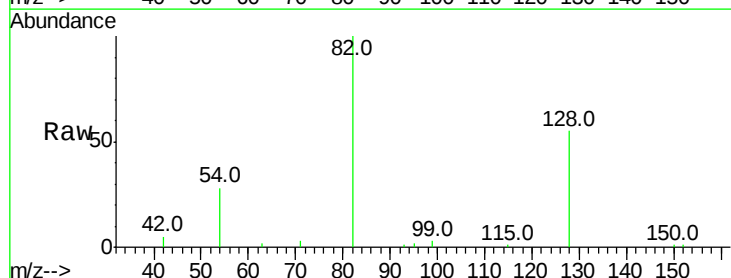
Tgt Ion: 82 Resp: 8655

Ion Ratio Lower Upper

82 100

128 55.4 39.0 58.4

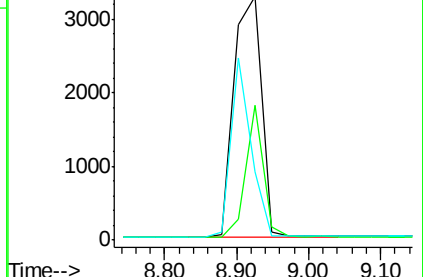
54 28.0 44.8 67.2#

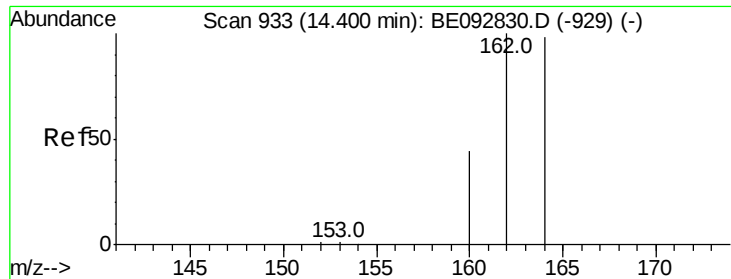


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

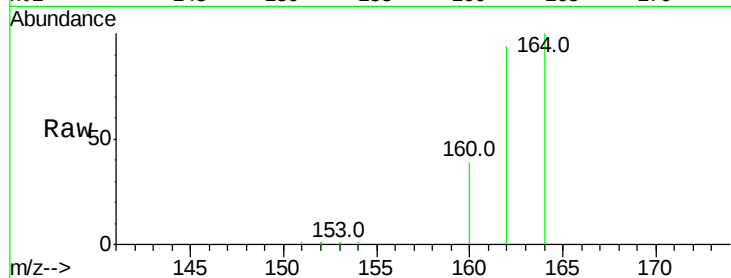
Tot Ion:164 Resp: 15509

Ion Ratio Lower Upper

164 100

162 93.6 71.4 107.0

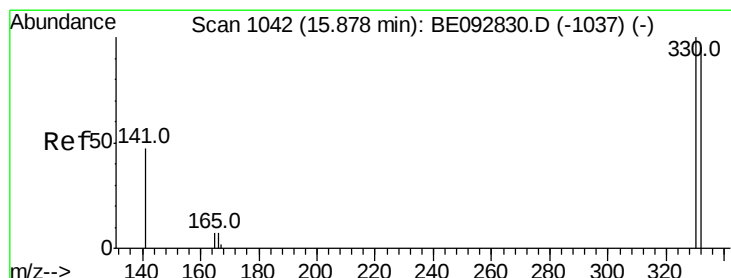
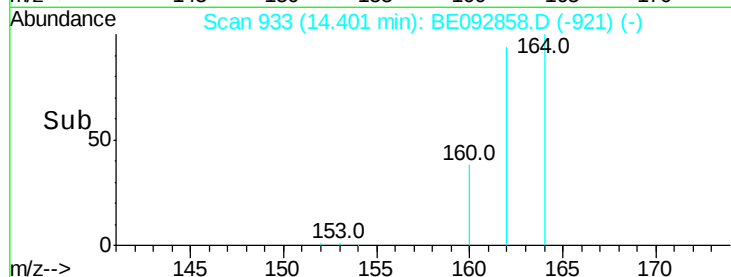
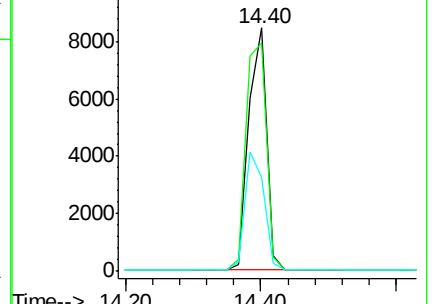
160 38.5 27.4 41.2



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: 11.52 ng

RT: 15.88 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

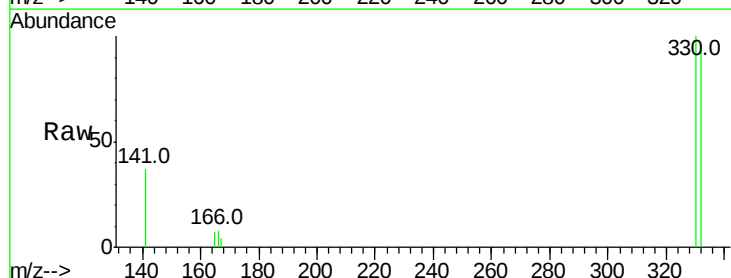
Tgt Ion:330 Resp: 2790

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

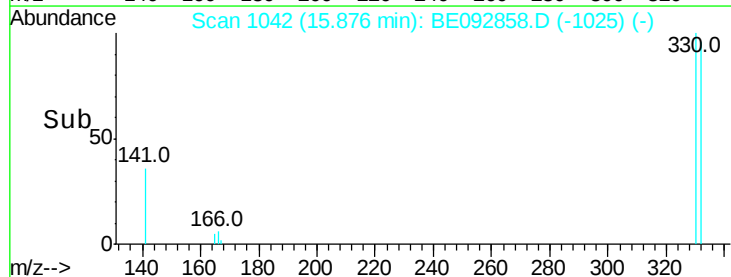
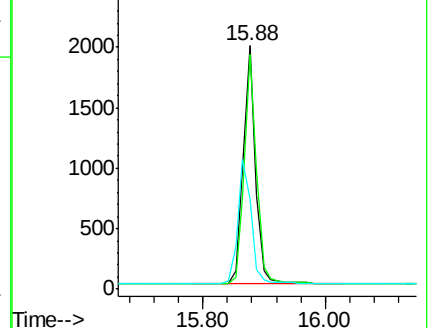
141 56.6 31.0 46.6#

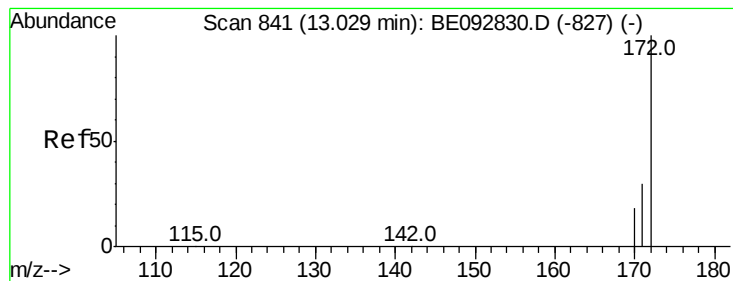


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

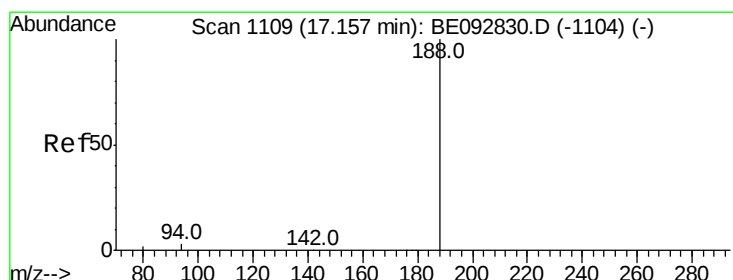
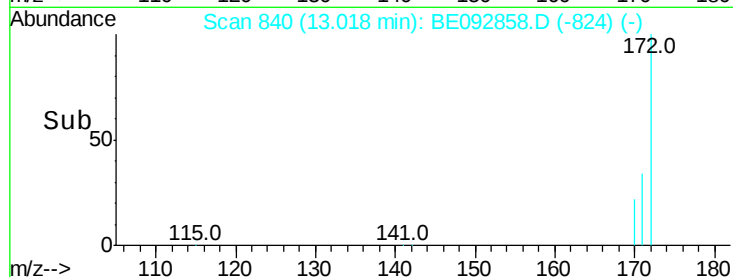
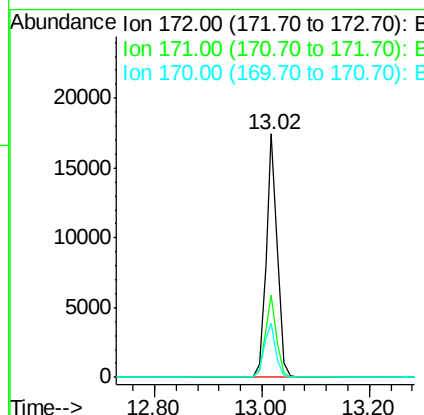
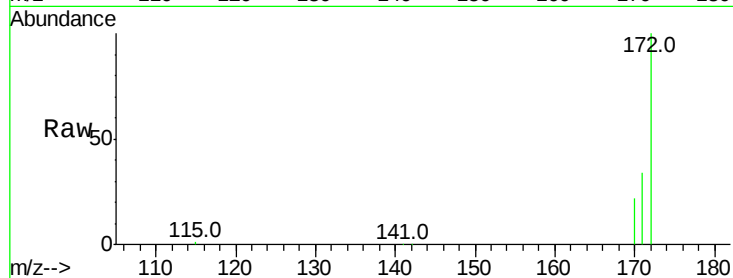




#14
2-Fluorobiphenyl
Concen: 4.94 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092858.D
Acq: 29 Mar 2017 4:53

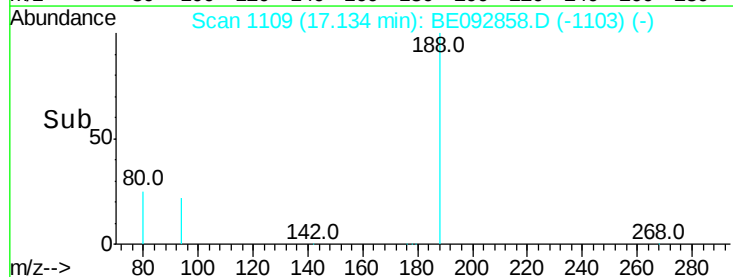
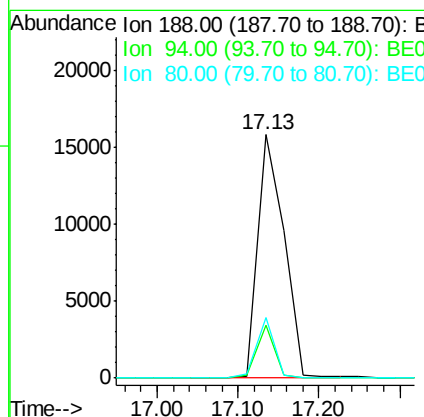
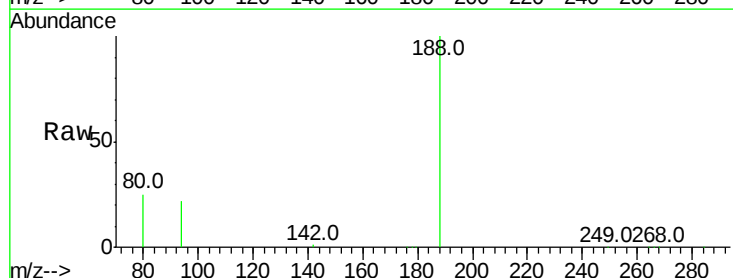
Instrument :
BNA_E
ClientSampleId :

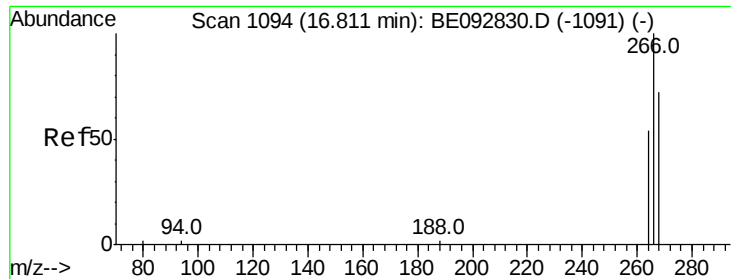
Tot Ion:172 Resp: 25229
Ion Ratio Lower Upper
172 100
171 34.0 30.1 45.1
170 22.1 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BE092858.D
Acq: 29 Mar 2017 4:53

Tgt Ion:188 Resp: 35418
Ion Ratio Lower Upper
188 100
94 21.8 3.2 4.8#
80 24.9 2.6 3.8#

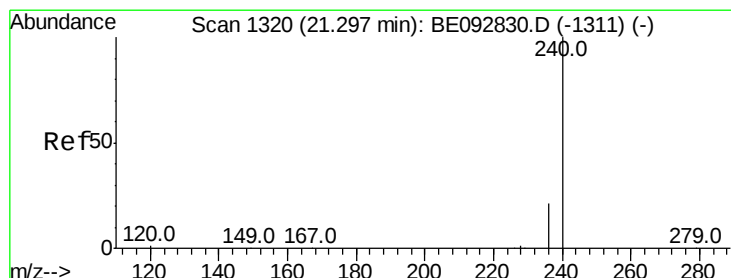
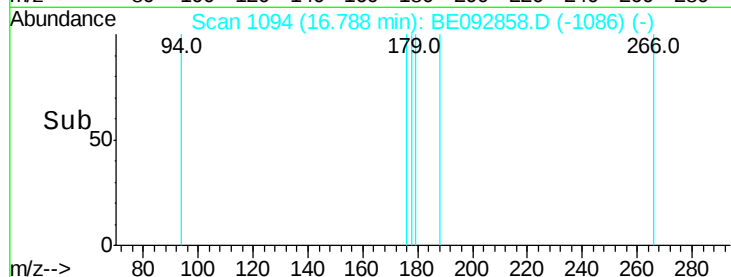
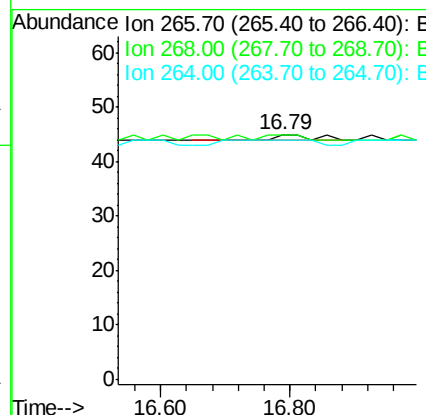
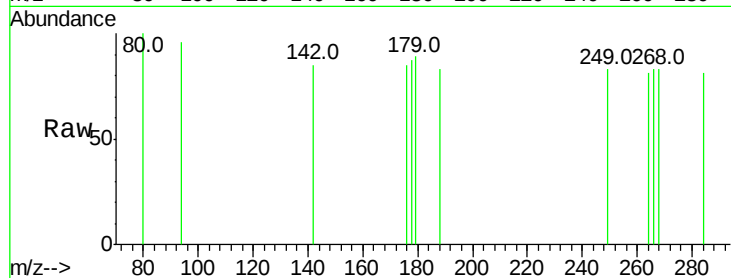




#20
Pentachlorophenol
Concen: 0.24 ng
RT: 16.79 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE092858.D
Acq: 29 Mar 2017 4:53

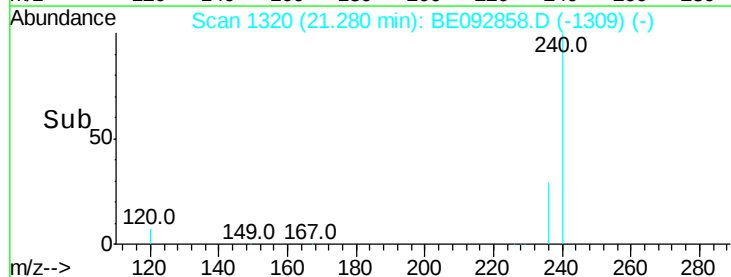
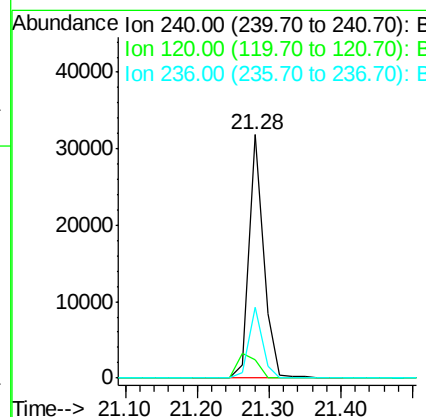
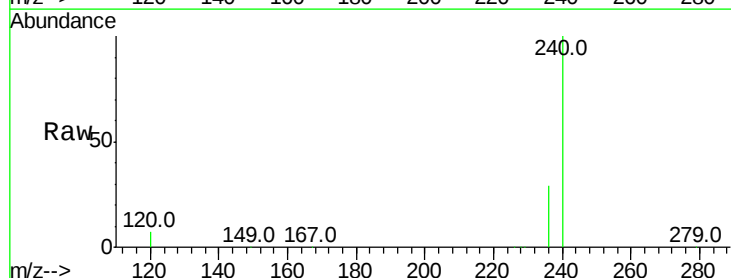
Instrument :
BNA_E
ClientSampleId :

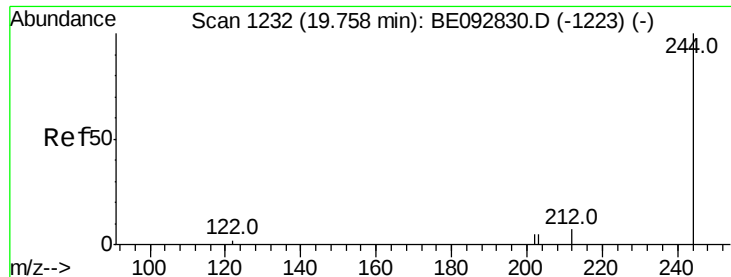
Tot Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 97.8 57.2 85.8#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092858.D
Acq: 29 Mar 2017 4:53

Tgt Ion:240 Resp: 44349
Ion Ratio Lower Upper
240 100
120 7.4 2.6 4.0#
236 28.8 24.6 37.0





#26

Terphenyl-d14

Concen: 4.02 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

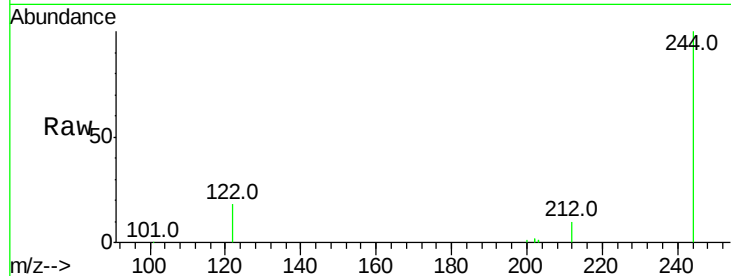
Tot Ion:244 Resp: 30783

Ion Ratio Lower Upper

244 100

212 10.4 6.7 10.1#

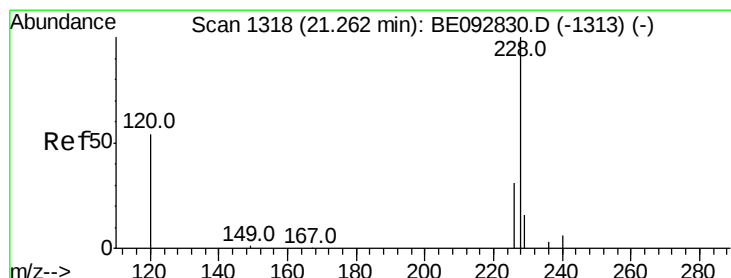
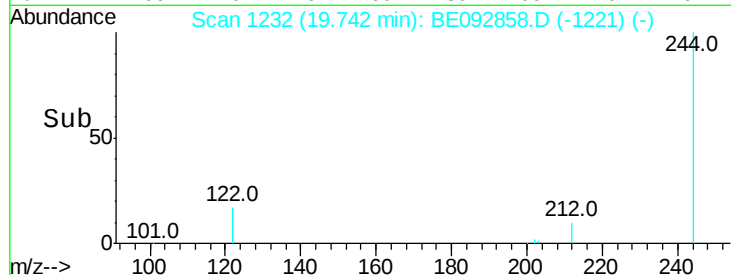
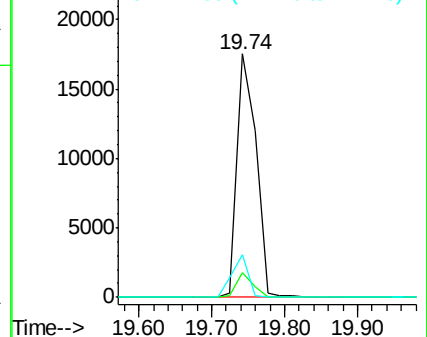
122 17.5 3.6 5.4#



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: BE092858.D

Acq: 29 Mar 2017 4:53

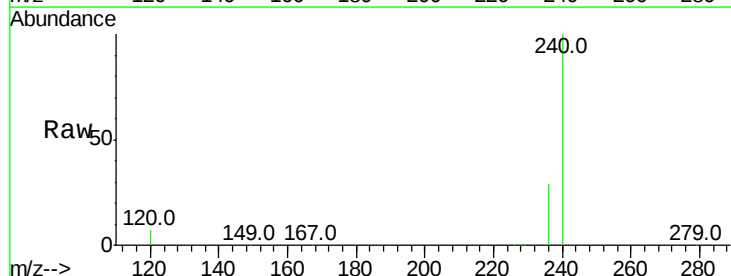
Tgt Ion:228 Resp: 243

Ion Ratio Lower Upper

228 100

226 36.6 23.6 35.4#

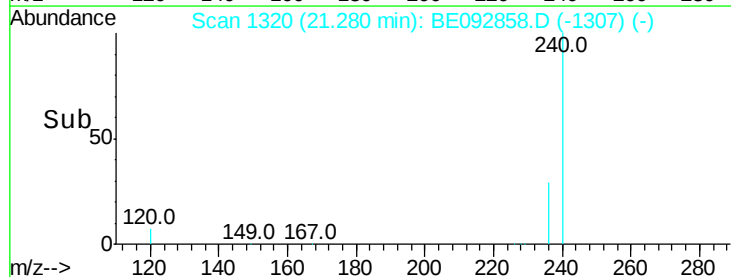
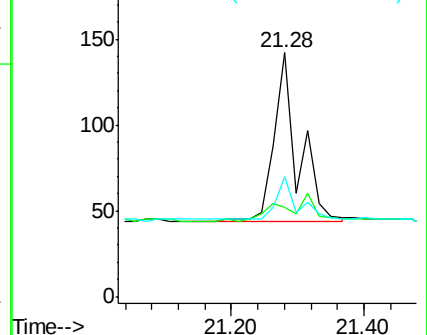
229 49.3 13.3 19.9#

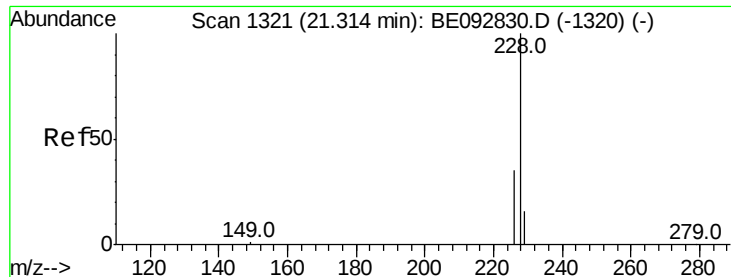


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.02 ng

RT: 21.28 min Scan# 1320

Delta R.T. -0.03 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

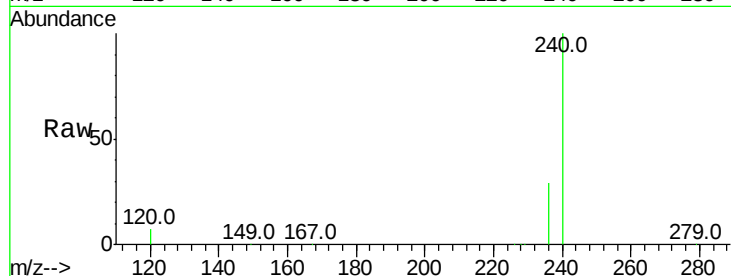
Tot Ion:228 Resp: 247

Ion Ratio Lower Upper

228 100

226 36.6 36.3 54.5

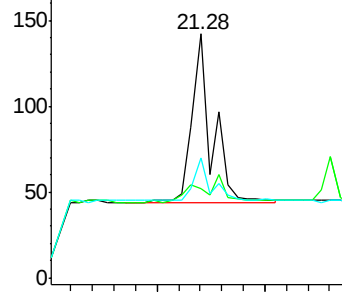
229 49.3 10.6 16.0#



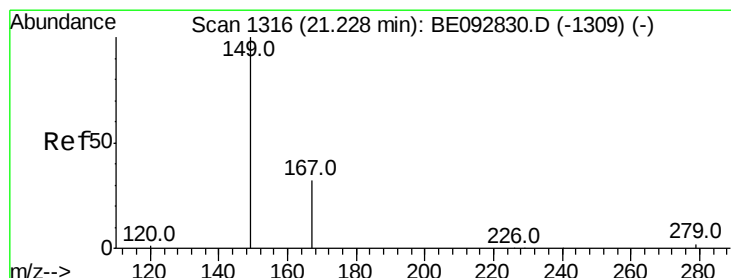
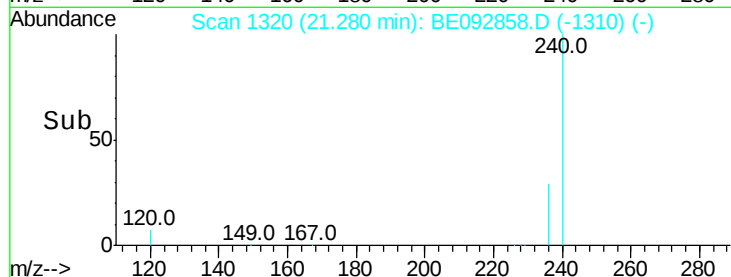
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

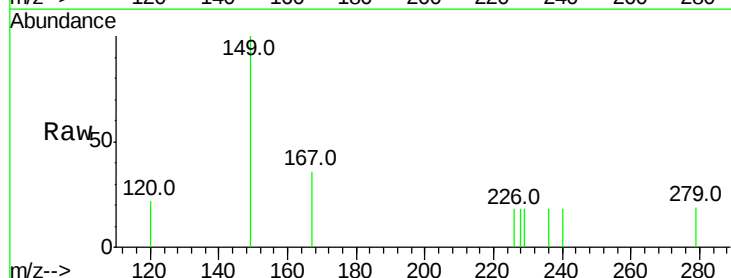
Tgt Ion:149 Resp: 225

Ion Ratio Lower Upper

149 100

167 22.7 16.0 24.0

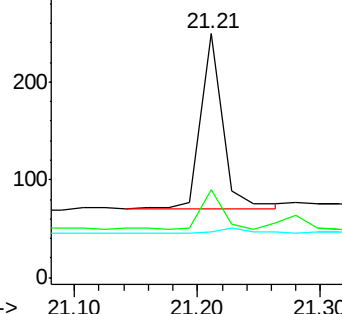
279 3.6 16.0 24.0#



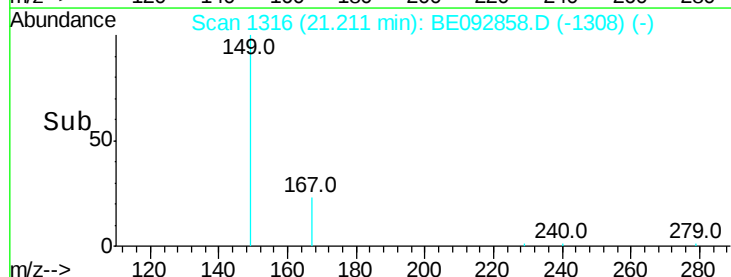
Abundance Ion 149.00 (148.70 to 149.70): E

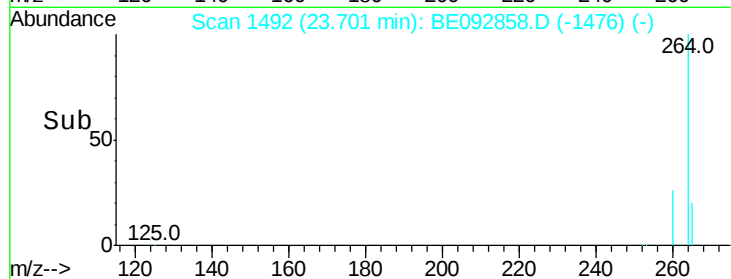
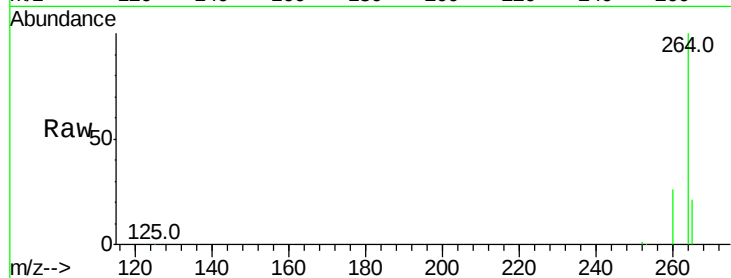
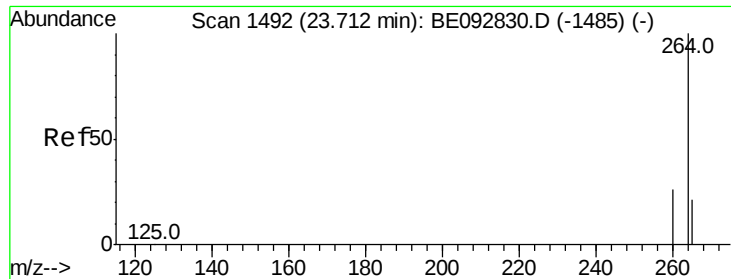
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#31

Pervlene-d12

Concen: 5.00 ng

RT: 23.70 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE092858.D

Acq: 29 Mar 2017 4:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 39720

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.0 17.9 26.9

