

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
 Data File : BE092846.D
 Acq On : 28 Mar 2017 21:32
 Operator : SJ/MA
 Sample : PB97858BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:57:35 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

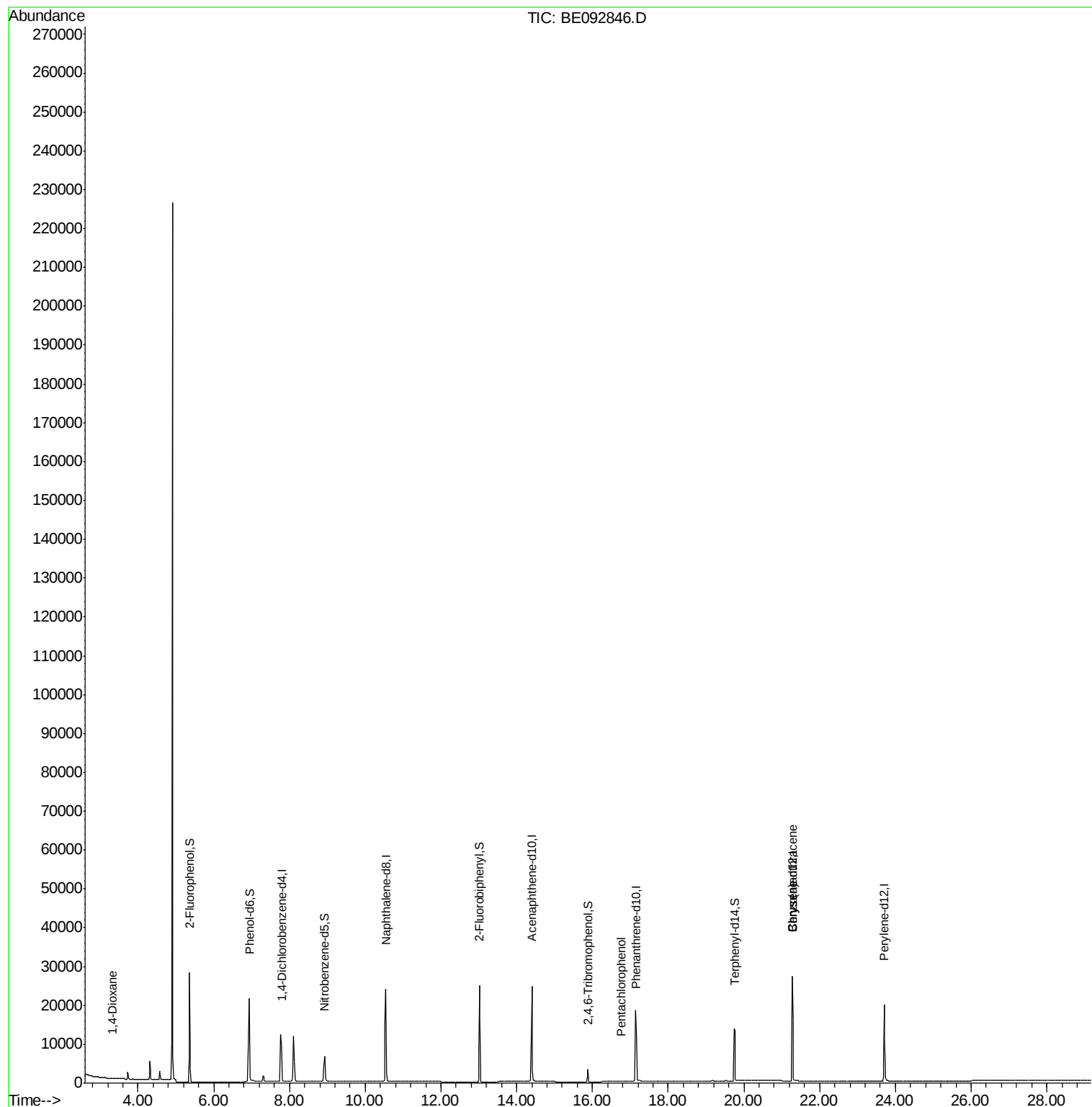
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	8710	5.00	ng	0.00
7) Naphthalene-d8	10.55	136	36278	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15833	5.00	ng	0.00
18) Phenanthrene-d10	17.16	188	32505	5.00	ng	0.00
24) Chrysene-d12	21.28	240	33818	5.00	ng	-0.02
31) Perylene-d12	23.71	264	28770	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	19530	9.63	ng	0.00
5) Phenol-d6	6.94	99	26990	9.07	ng	0.00
8) Nitrobenzene-d5	8.93	82	7786	3.74	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	1857	7.51	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	23438	4.49	ng	-0.01
26) Terphenyl-d14	19.76	244	22466	3.84	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	31	0.03	ng	# 19
20) Pentachlorophenol	16.77	266	1	0.23	ng	# 73
27) Benzo(a)anthracene	21.28	228	176	0.02	ng	# 55
28) Chrysene	21.28	228	178	0.02	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.21	149	64	Below Cal		# 72

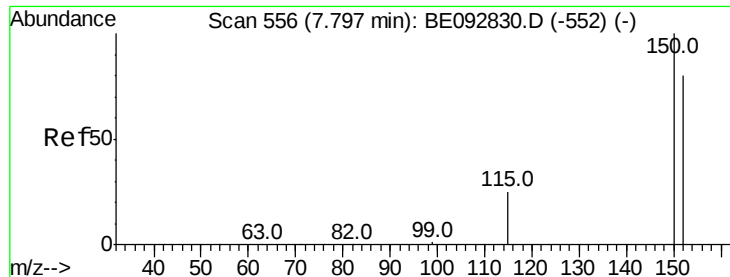
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 556

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

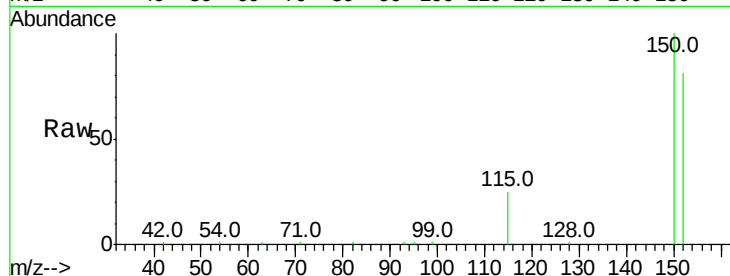
Tot Ion:152 Resp: 8710

Ion Ratio Lower Upper

152 100

150 124.1 106.0 159.0

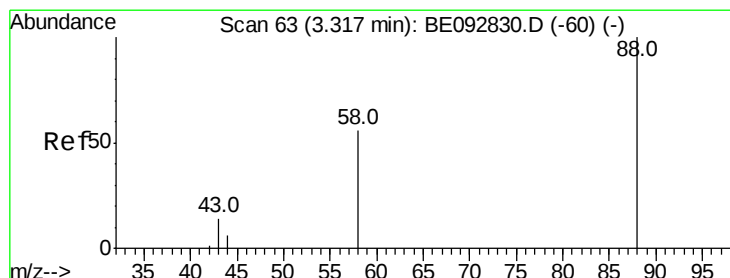
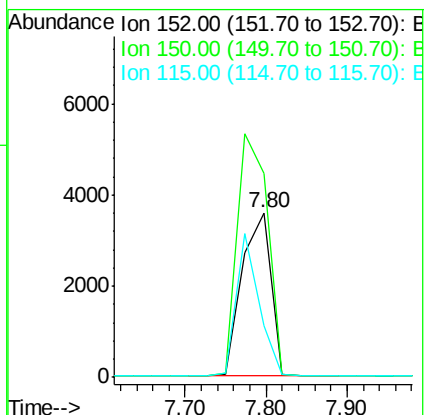
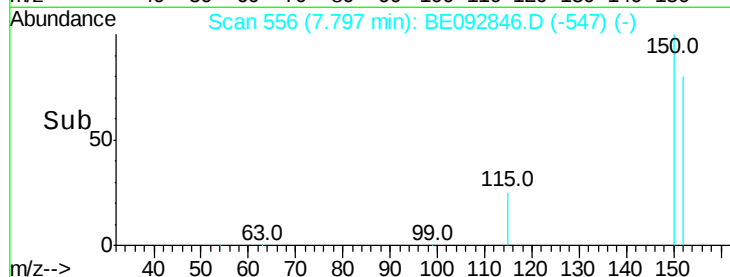
115 31.6 31.2 46.8



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: 0.03 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

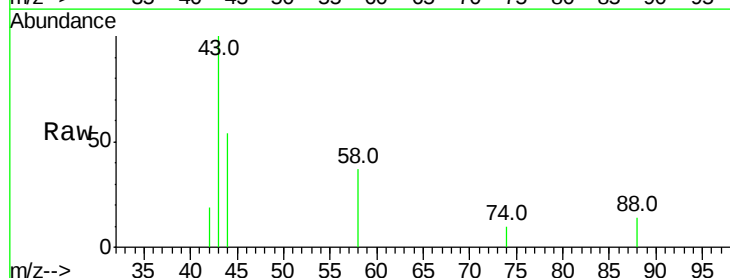
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

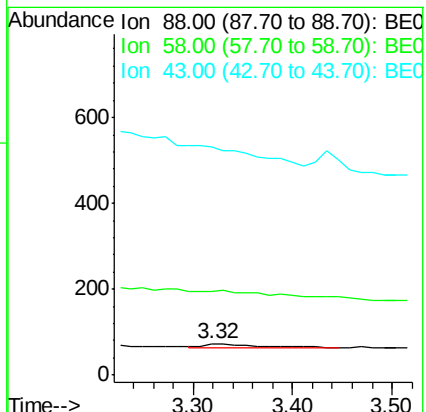
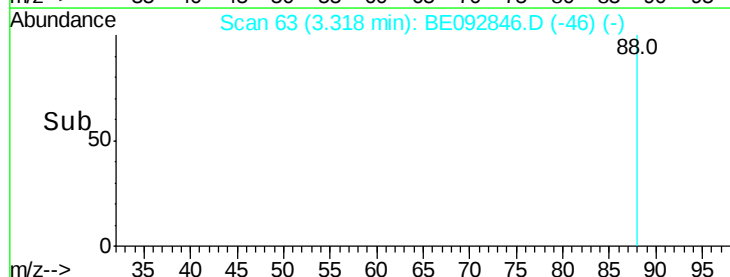
43 0.0 28.0 42.0#

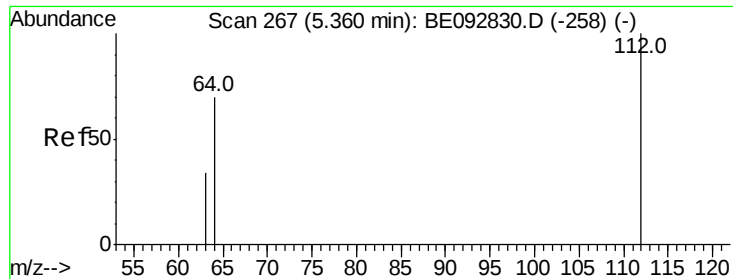


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 9.63 ng

RT: 5.36 min Scan# 268

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

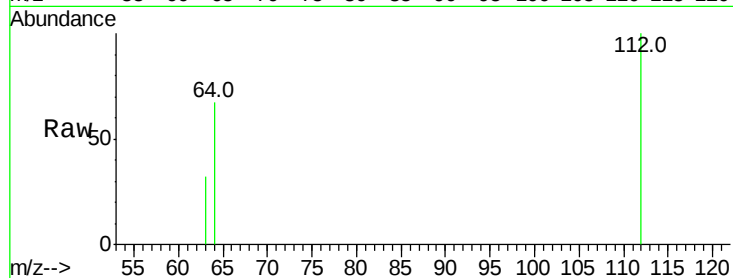
Tot Ion:112 Resp: 19530

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

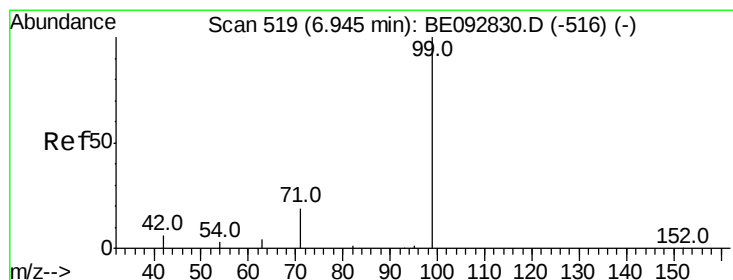
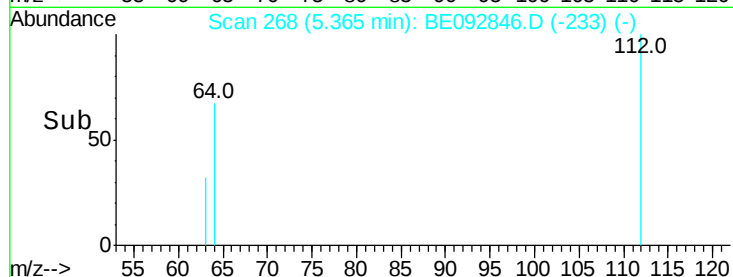
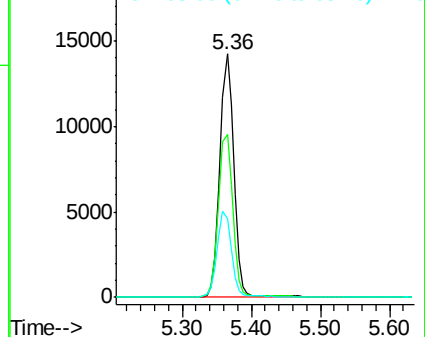
63 35.6 27.9 41.9



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: 9.07 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

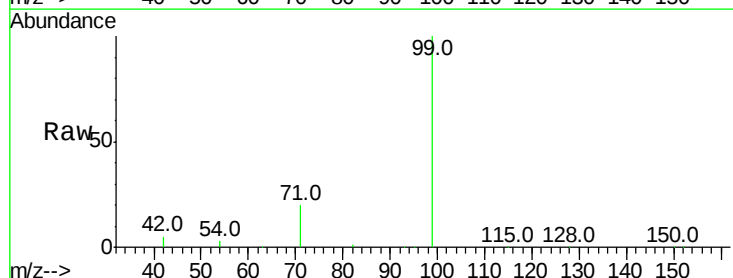
Tgt Ion: 99 Resp: 26990

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

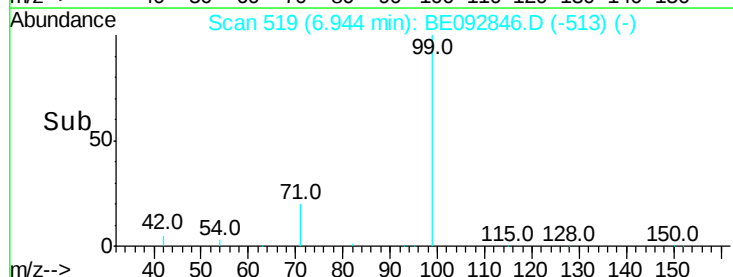
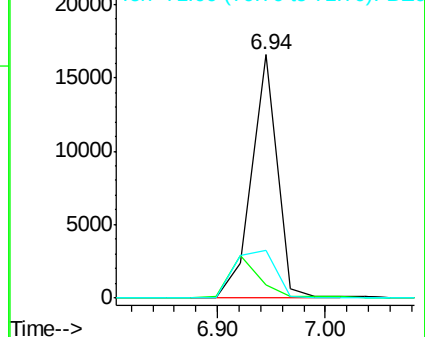
71 31.4 30.6 45.8

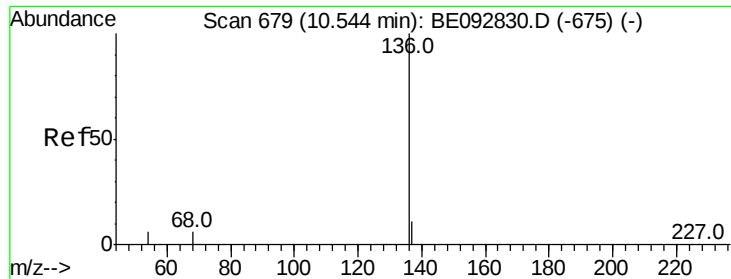


Abundance Ion 99.00 (98.70 to 99.70): BE092830.D (-516) (-)

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: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 36278

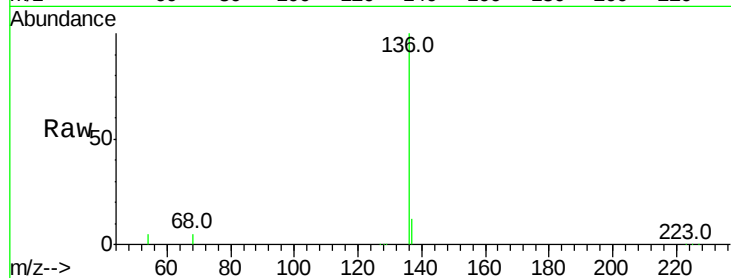
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 4.7 9.6 14.4#

68 4.7 6.7 10.1#

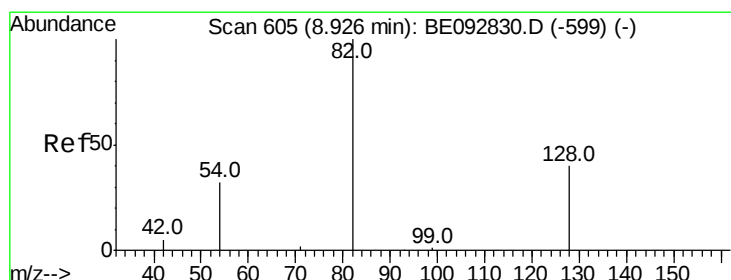
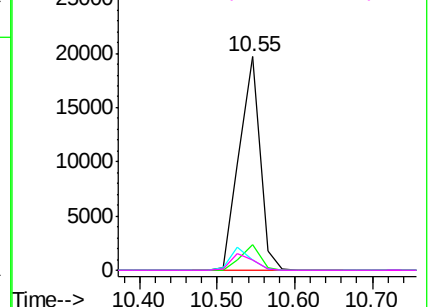
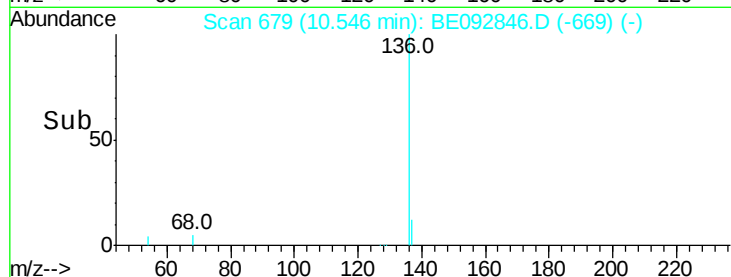


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.74 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

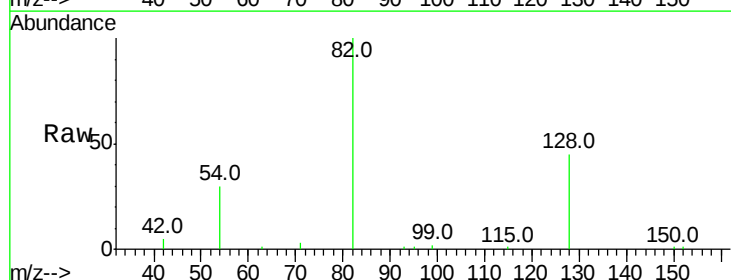
Tgt Ion: 82 Resp: 7786

Ion Ratio Lower Upper

82 100

128 44.6 39.0 58.4

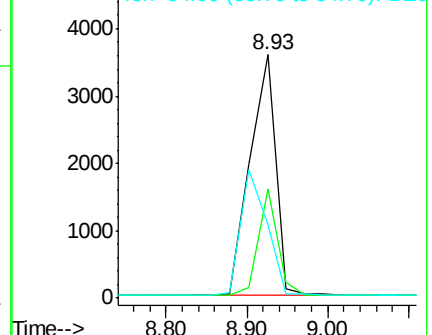
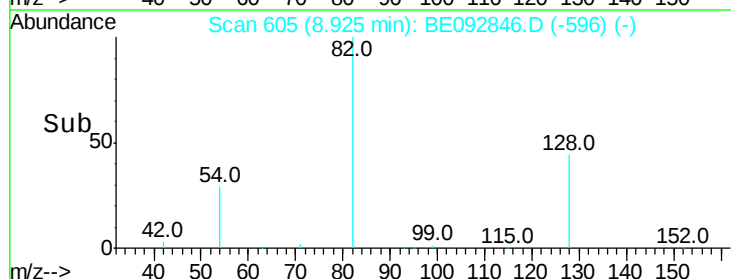
54 30.2 44.8 67.2#

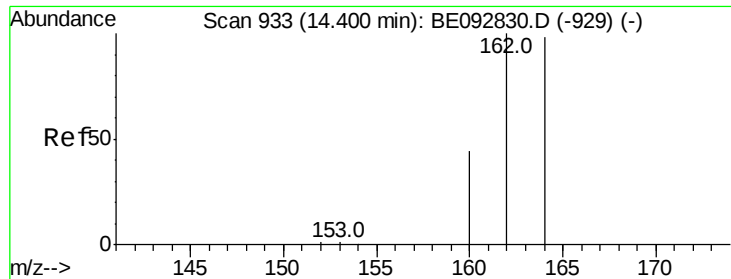


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

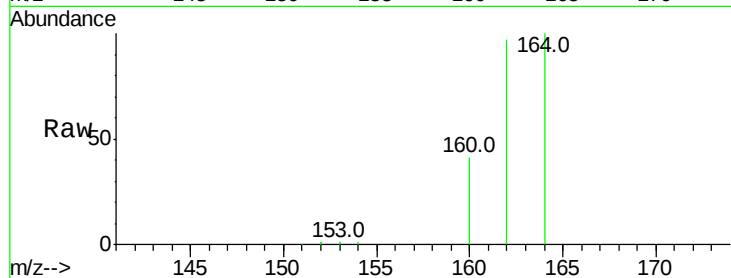
Tot Ion:164 Resp: 15833

Ion Ratio Lower Upper

164 100

162 96.9 71.4 107.0

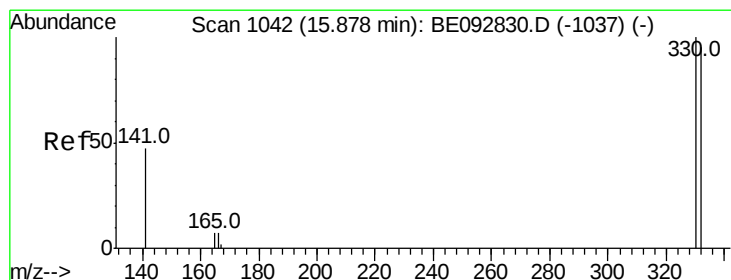
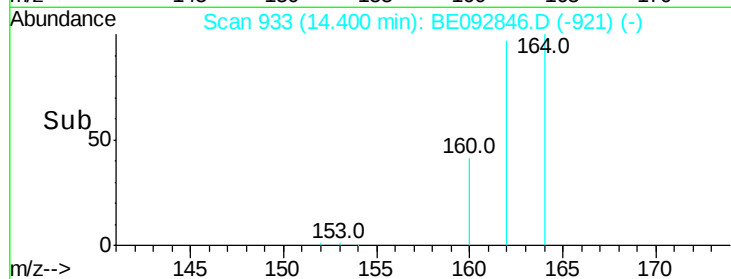
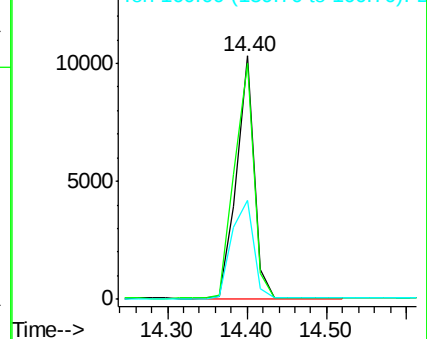
160 40.9 27.4 41.2



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: 7.51 ng

RT: 15.88 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

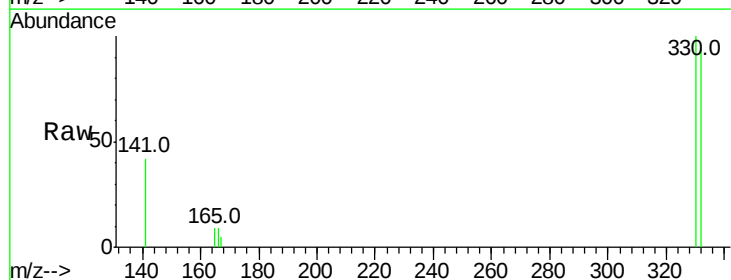
Tgt Ion:330 Resp: 1857

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.0

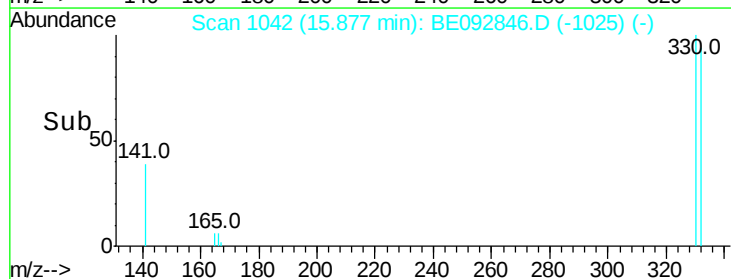
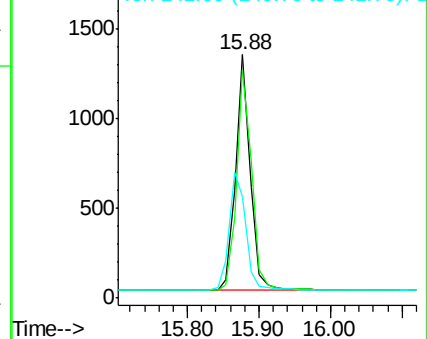
141 56.3 31.0 46.6#

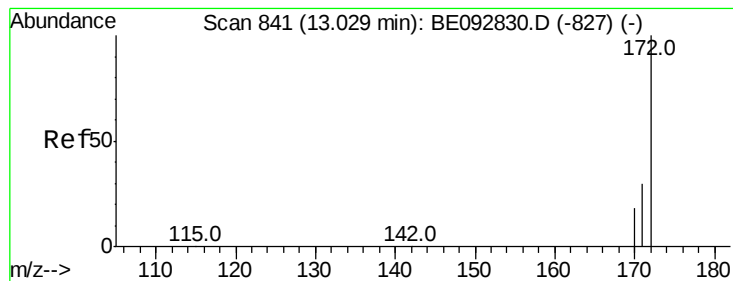


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

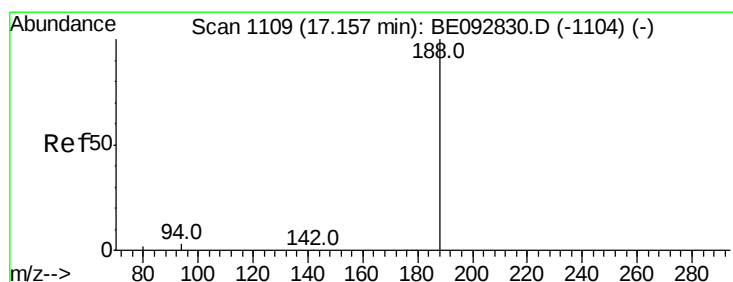
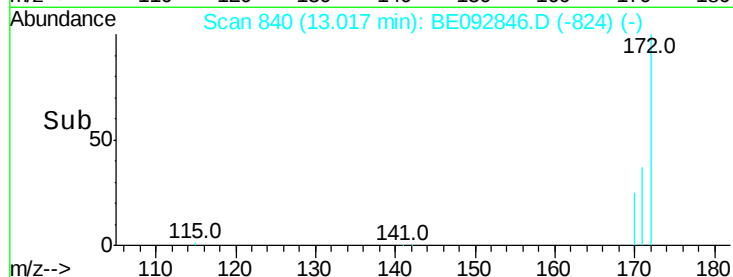
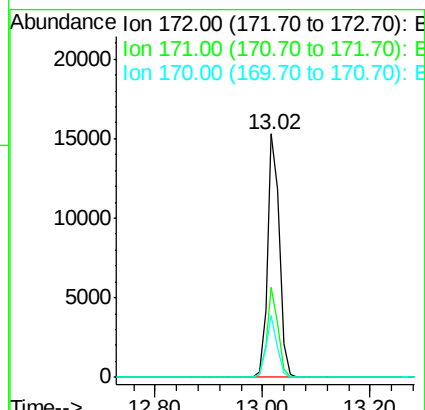
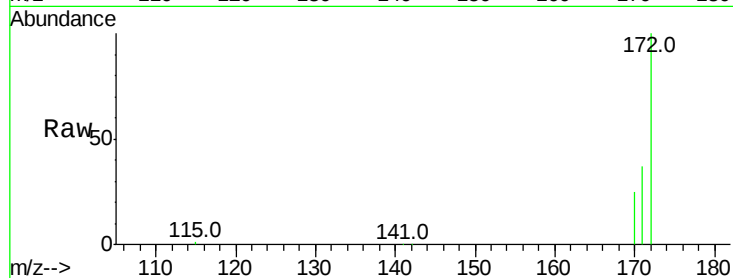




#14
2-Fluorobiphenyl
Concen: 4.49 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092846.D
Acq: 28 Mar 2017 21:32

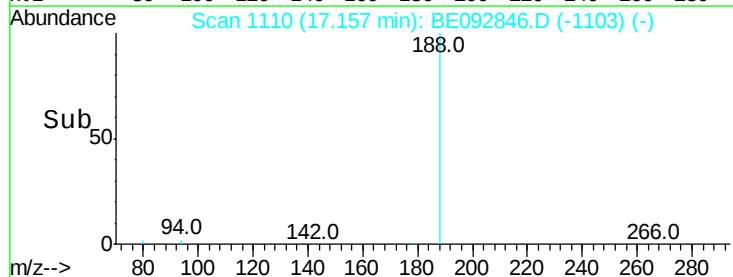
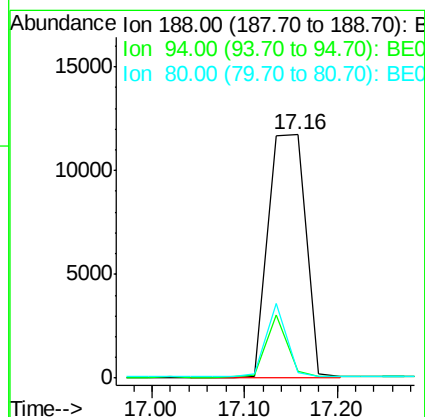
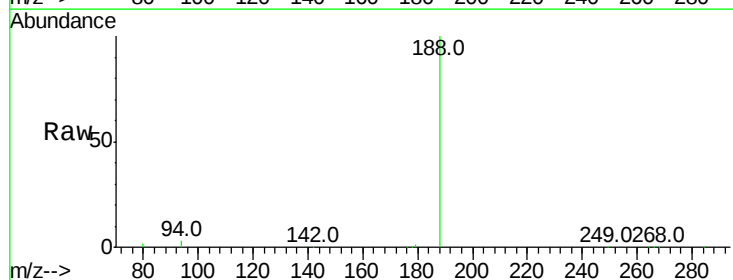
Instrument :
BNA_E
ClientSampleId :

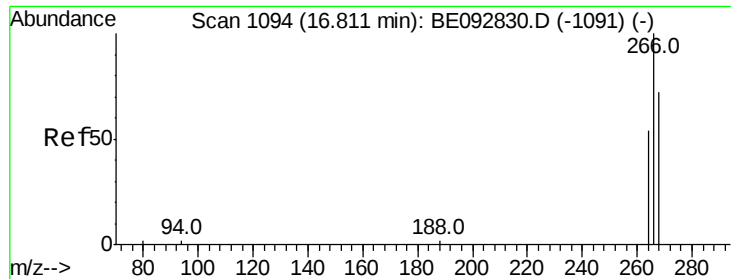
Tot Ion:172 Resp: 23438
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 25.5 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE092846.D
Acq: 28 Mar 2017 21:32

Tgt Ion:188 Resp: 32505
Ion Ratio Lower Upper
188 100
94 2.6 3.2 4.8#
80 2.0 2.6 3.8#

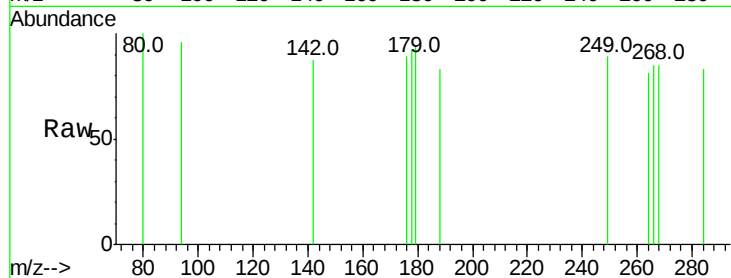




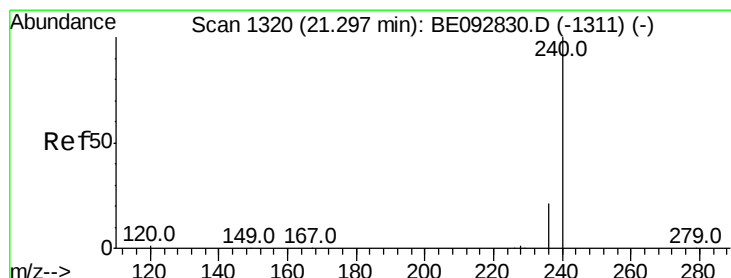
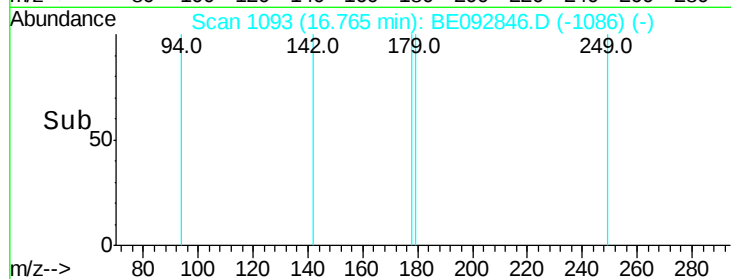
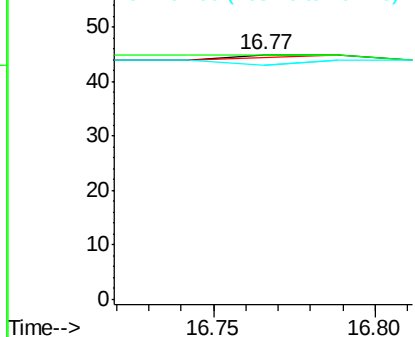
#20
 Pentachlorophenol
 Concen: 0.23 ng
 RT: 16.77 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 95.6 57.2 85.8#

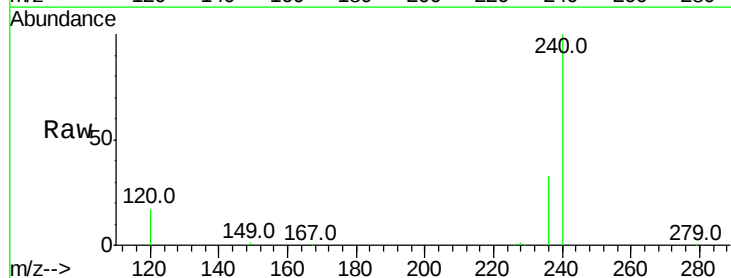


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

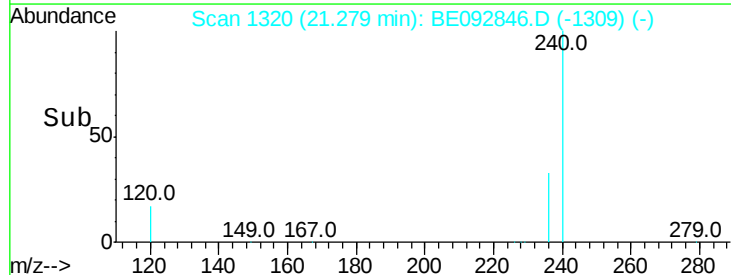
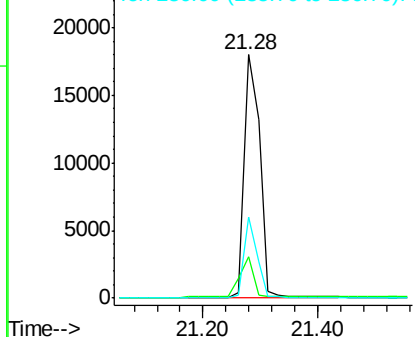


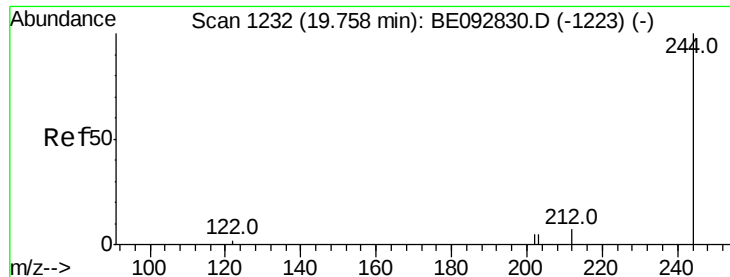
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.28 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BE092846.D
 Acq: 28 Mar 2017 21:32

Tgt Ion:240 Resp: 33818
 Ion Ratio Lower Upper
 240 100
 120 17.0 2.6 4.0#
 236 33.3 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: 3.84 ng

RT: 19.76 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

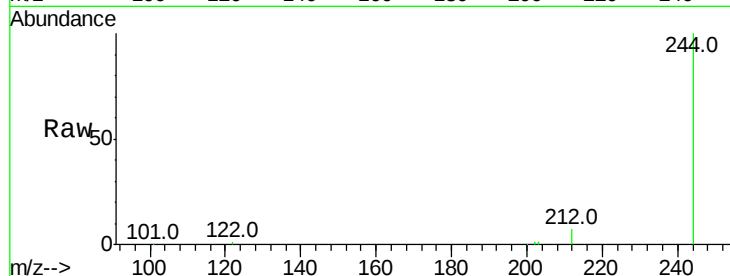
Tot Ion:244 Resp: 22466

Ion Ratio Lower Upper

244 100

212 6.9 6.7 10.1

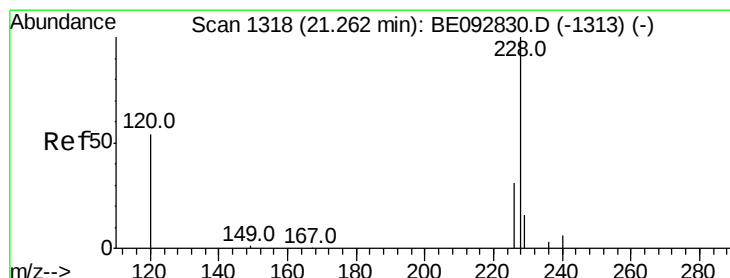
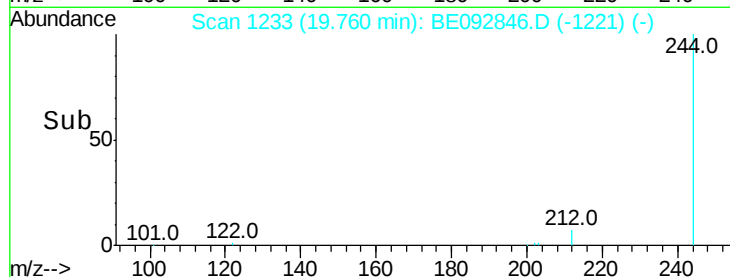
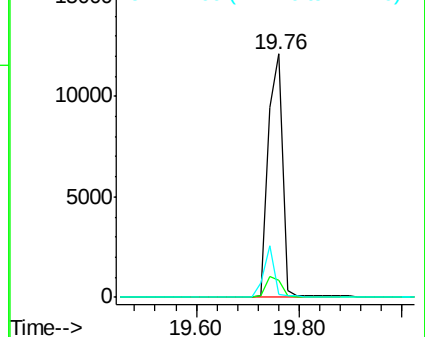
122 1.2 3.6 5.4#



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: BE092846.D

Acq: 28 Mar 2017 21:32

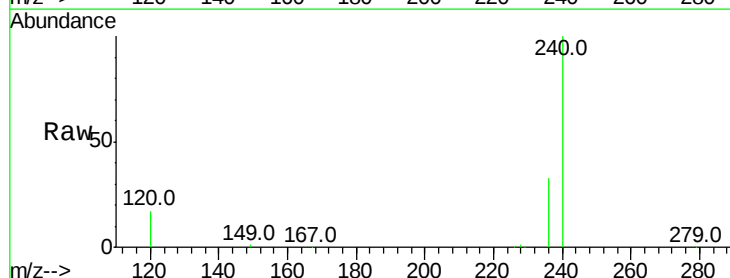
Tgt Ion:228 Resp: 176

Ion Ratio Lower Upper

228 100

226 42.3 23.6 35.4#

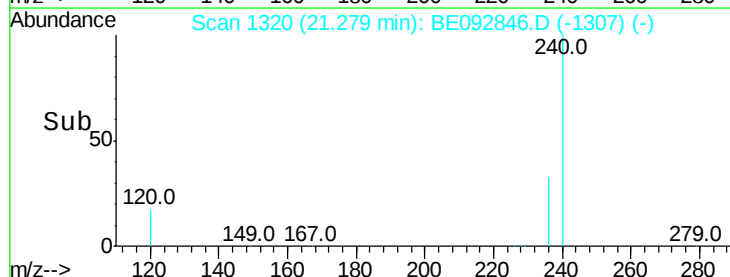
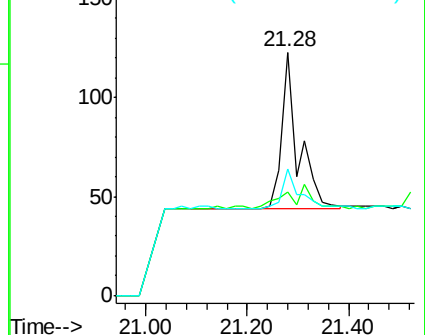
229 52.0 13.3 19.9#

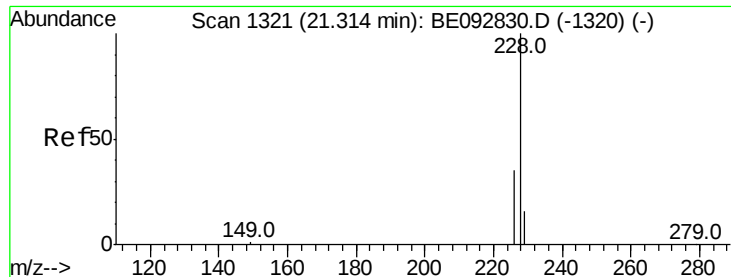


Abundance Ion 228.00 (227.70 to 228.70): E

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. -0.04 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

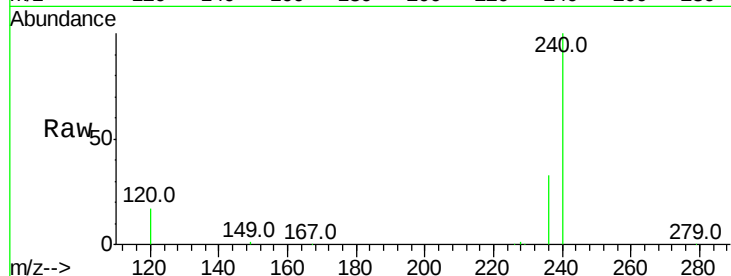
Tot Ion:228 Resp: 178

Ion Ratio Lower Upper

228 100

226 42.3 36.3 54.5

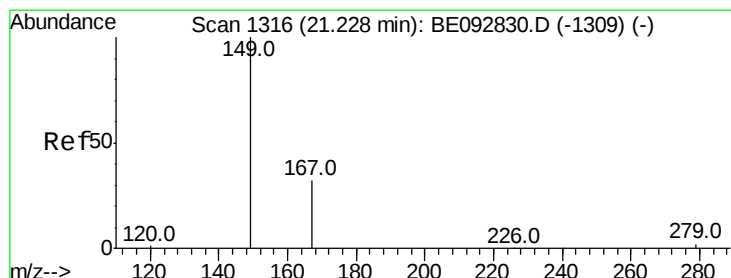
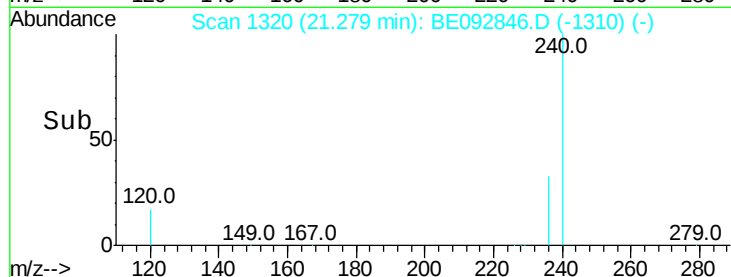
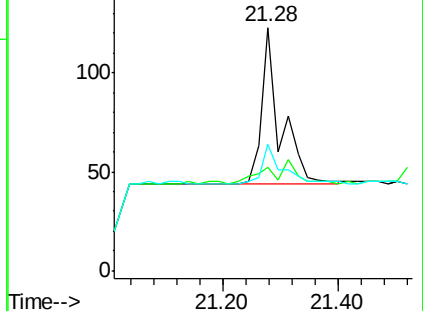
229 52.0 10.6 16.0#



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



#29

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

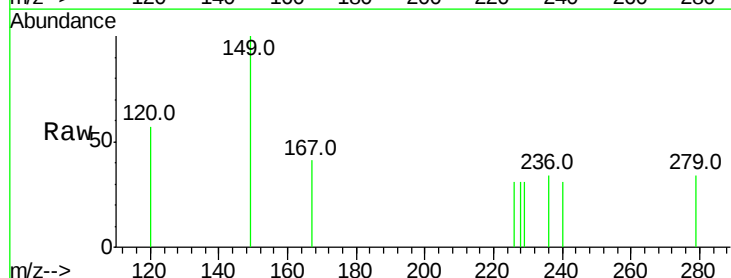
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

167 10.9 16.0 24.0#

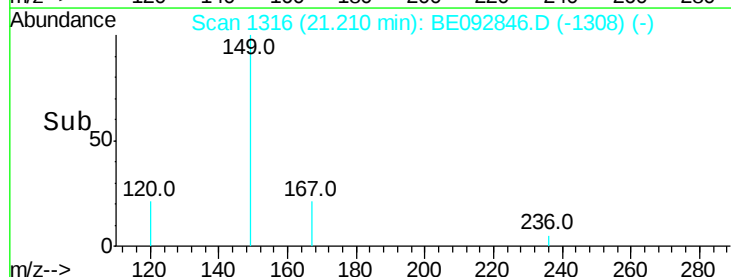
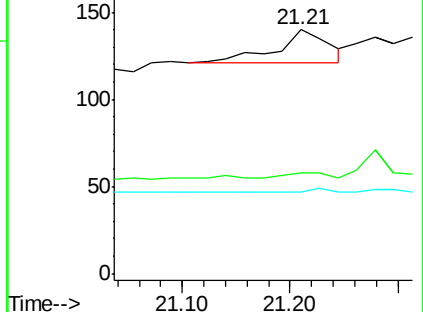
279 3.1 16.0 24.0#

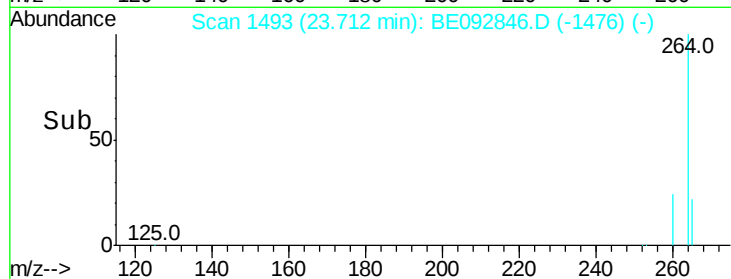
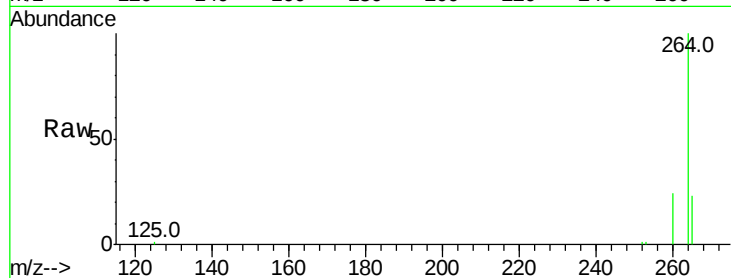
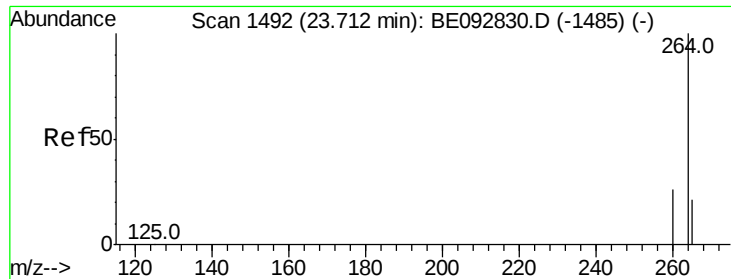


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Pervlene-d12

Concen: 5.00 ng

RT: 23.71 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE092846.D

Acq: 28 Mar 2017 21:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 28770

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 23.4 17.9 26.9

