

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092866.D
 Acq On : 29 Mar 2017 14:47
 Operator : SJ/MA
 Sample : I2361-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170321

Quant Time: Mar 30 01:42:19 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

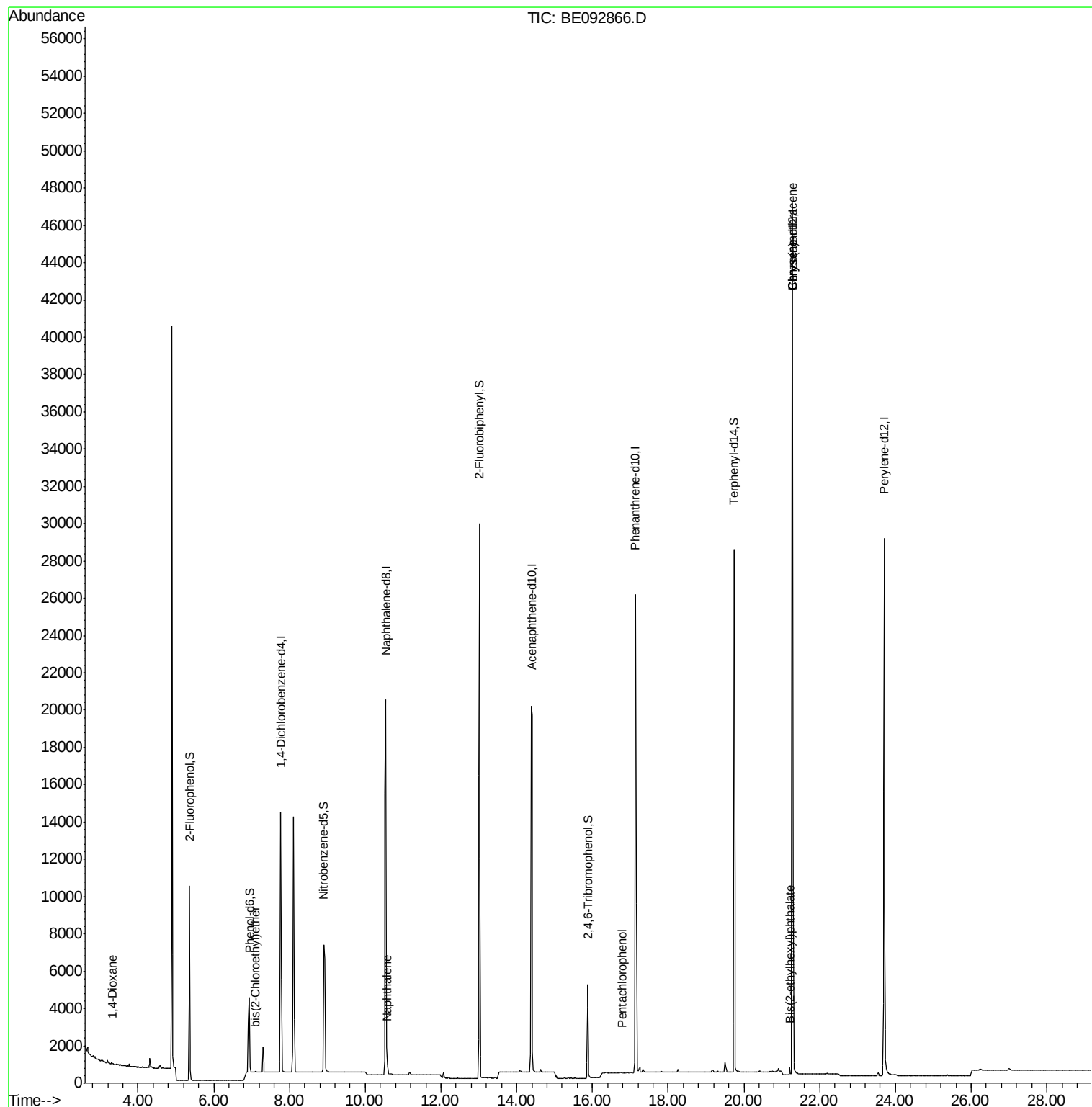
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	7772	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	33320	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	16343	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	37202	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	47051	5.00	ng	-0.02
31) Perylene-d12	23.70	264	40424	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	7210	3.98	ng	0.00
5) Phenol-d6	6.94	99	5825	2.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	9309	4.87	ng	-0.02
13) 2,4,6-Tribromophenol	15.88	330	3040	11.91	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	26807	4.98	ng	-0.01
26) Terphenyl-d14	19.74	244	34061	4.19	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	52	0.05	ng	# 1
6) bis(2-Chloroethyl)ether	7.11	93	54	0.02	ng	# 49
9) Naphthalene	10.58	128	601	0.08	ng	# 81
20) Pentachlorophenol	16.79	266	4	0.24	ng	# 72
27) Benzo(a)anthracene	21.28	228	254	0.02	ng	# 66
28) Chrysene	21.28	228	262	0.02	ng	# 67
29) Bis(2-ethylhexyl)phthalate	21.21	149	361	0.11	ng	# 75

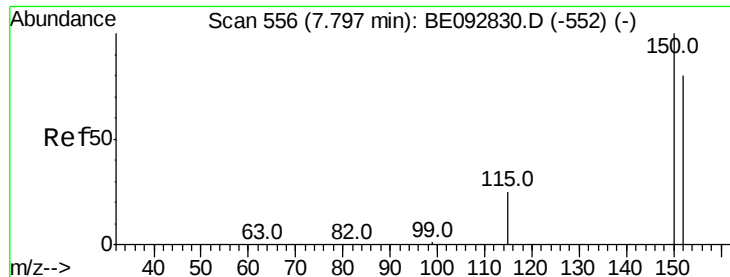
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

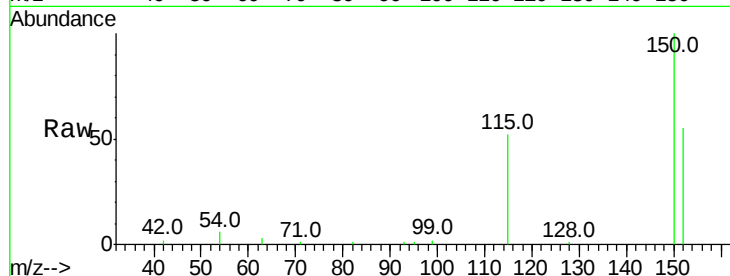
Tot Ion:152 Resp: 7772

Ion Ratio Lower Upper

152 100

150 183.3 106.0 159.0#

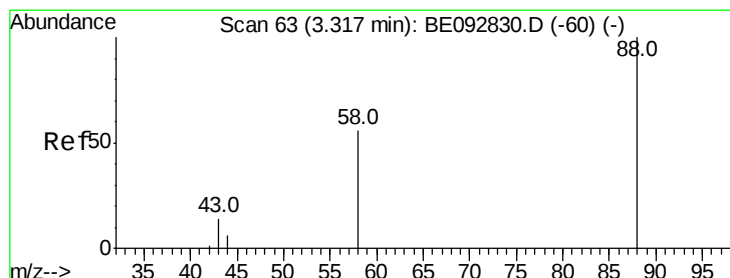
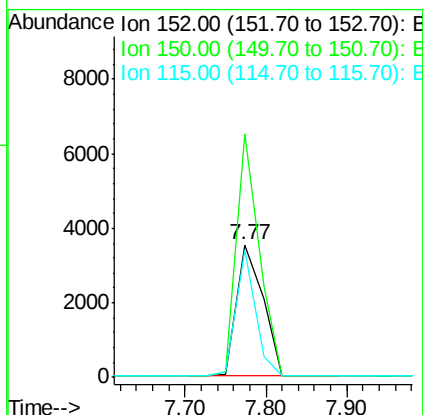
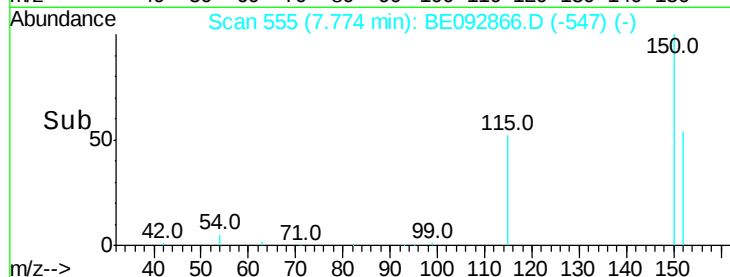
115 95.4 31.2 46.8#



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: 0.05 ng

RT: 3.32 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

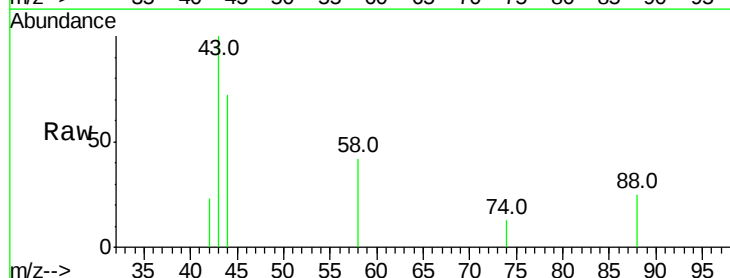
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

58 201.9 63.6 95.4#

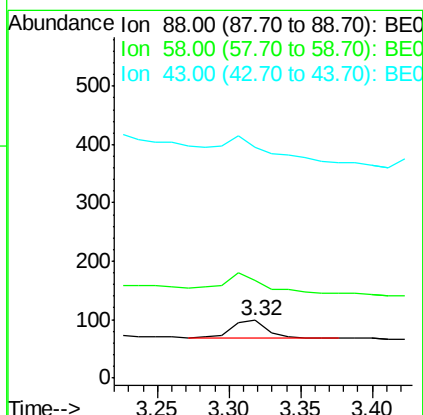
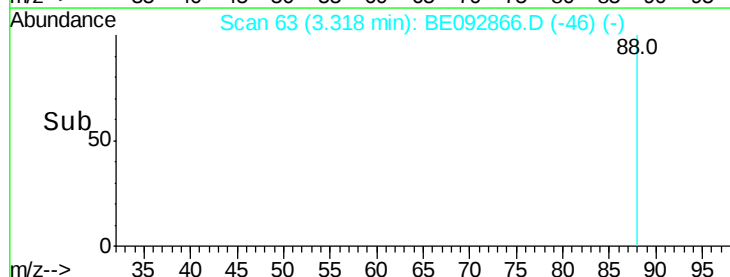
43 0.0 28.0 42.0#

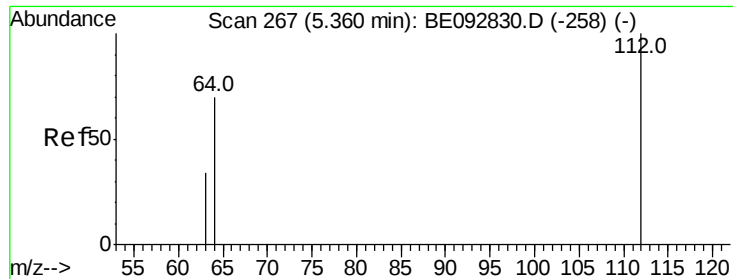


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.98 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

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ClientSampleId :

OUTFALL001-170321

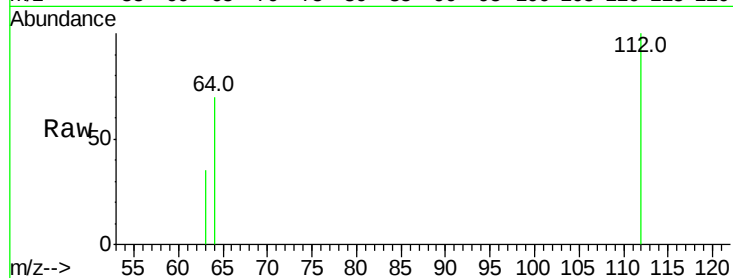
Tot Ion:112 Resp: 7210

Ion Ratio Lower Upper

112 100

64 69.1 53.5 80.3

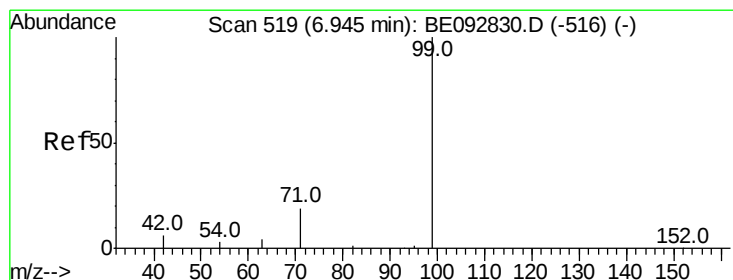
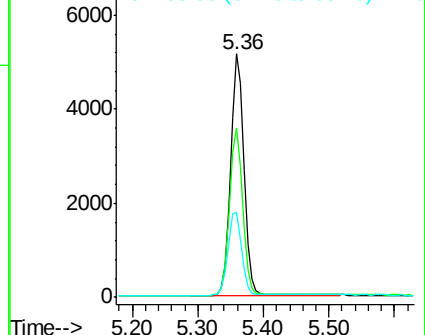
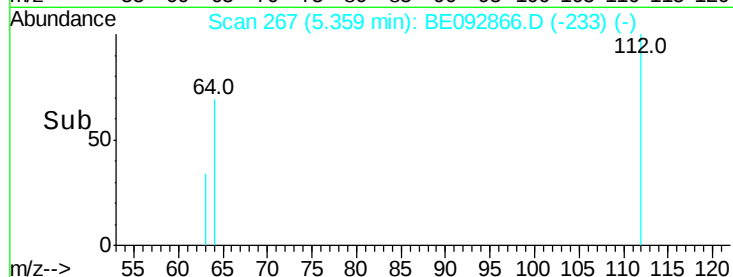
63 35.4 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.19 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

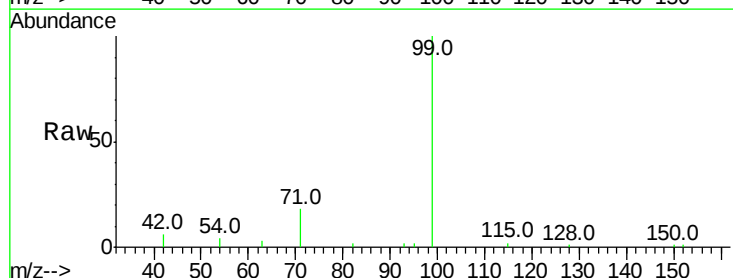
Tgt Ion: 99 Resp: 5825

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

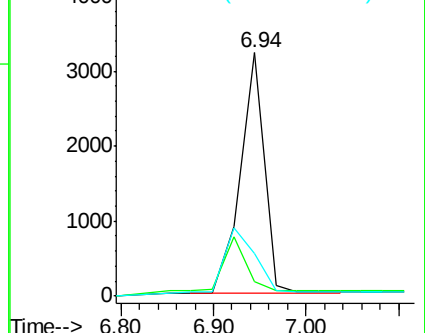
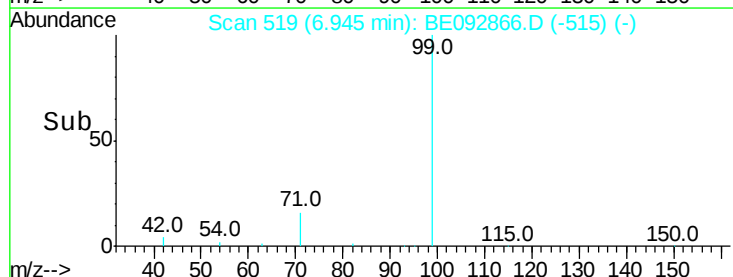
71 0.0 30.6 45.8#

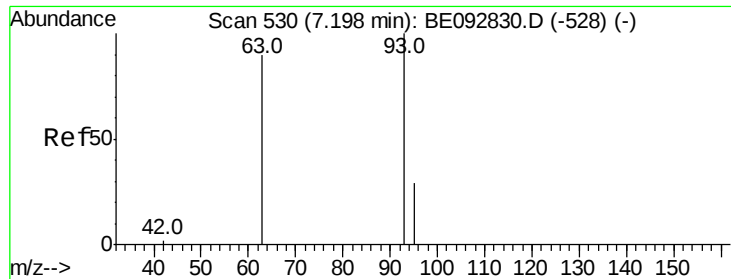


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 7.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

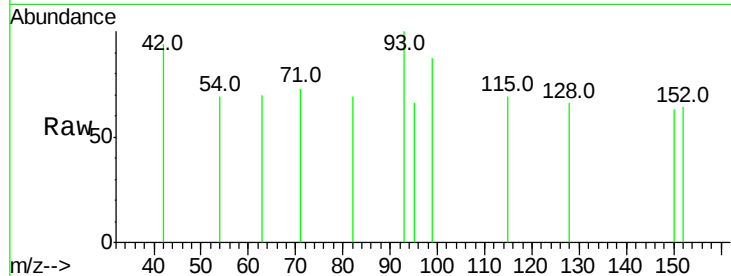
Tot Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

63 0.0 16.0 24.0#

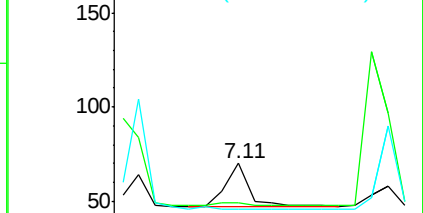
95 0.0 24.0 36.0#



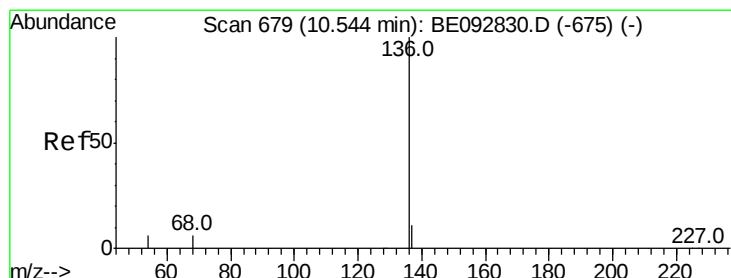
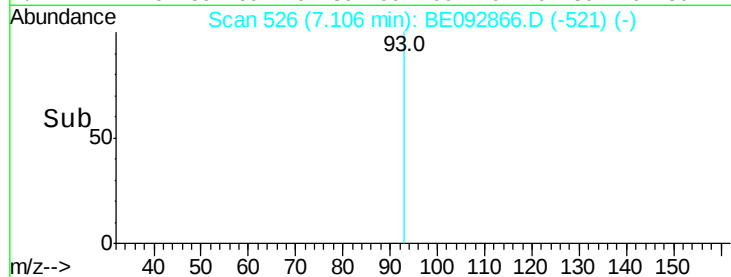
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Tgt Ion: 136 Resp: 33320

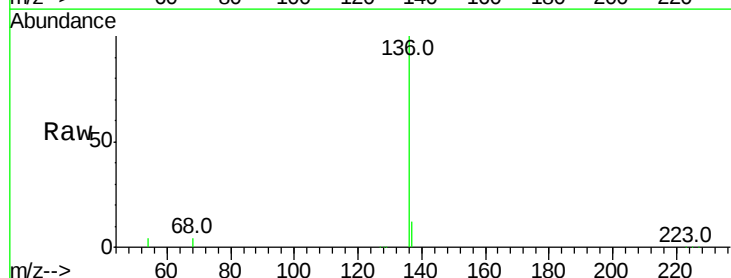
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 4.3 9.6 14.4#

68 4.4 6.7 10.1#

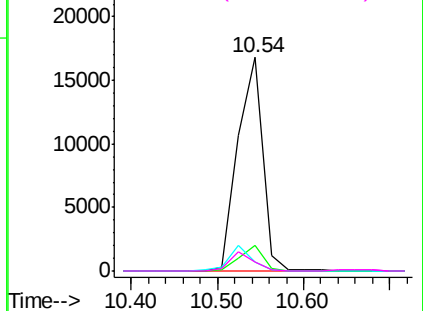


Abundance Ion 136.00 (135.70 to 136.70): E

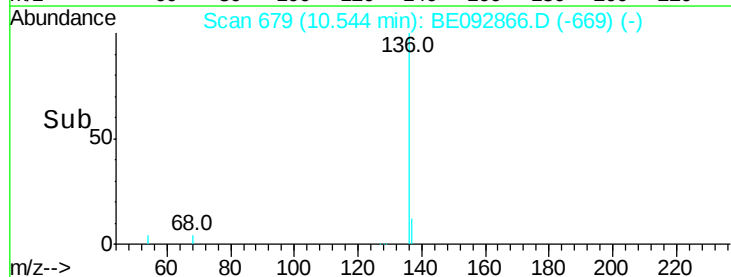
Ion 137.00 (136.70 to 137.70): E

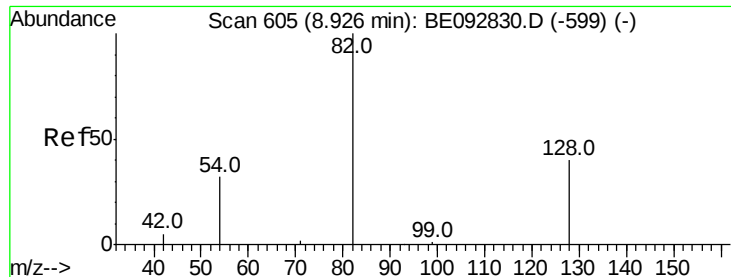
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 4.87 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

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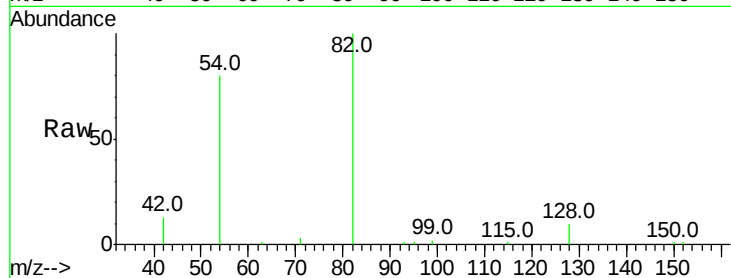
Tot Ion: 82 Resp: 9309

Ion Ratio Lower Upper

82 100

128 9.5 39.0 58.4#

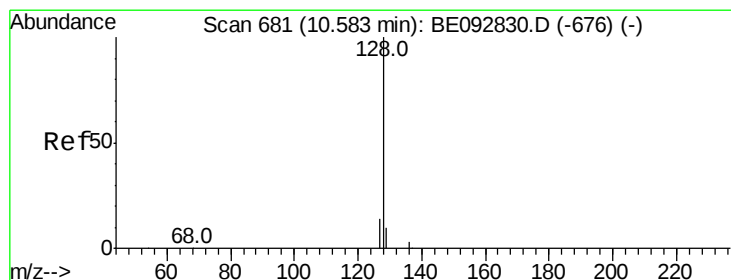
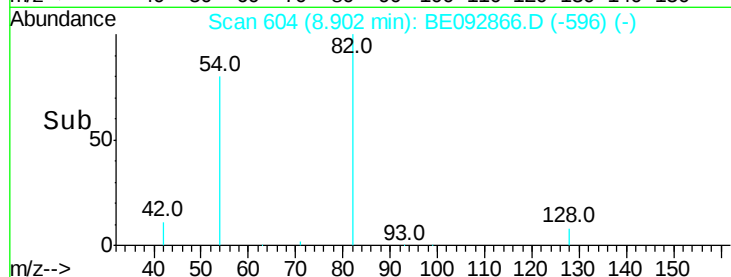
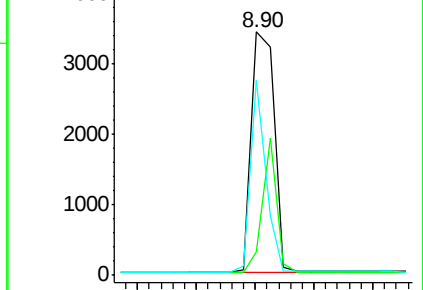
54 80.3 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE092830.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE092830.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE092830.D (-599) (-)



#9

Naphthalene

Concen: 0.08 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

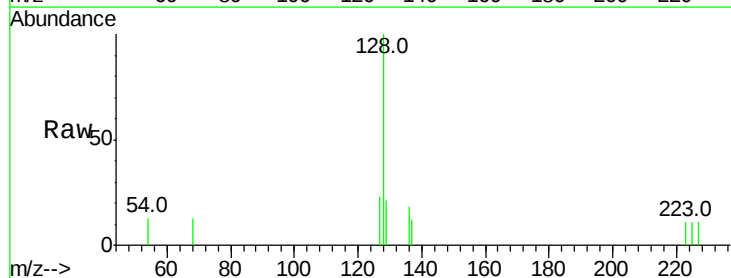
Tgt Ion: 128 Resp: 601

Ion Ratio Lower Upper

128 100

129 21.0 11.2 16.8#

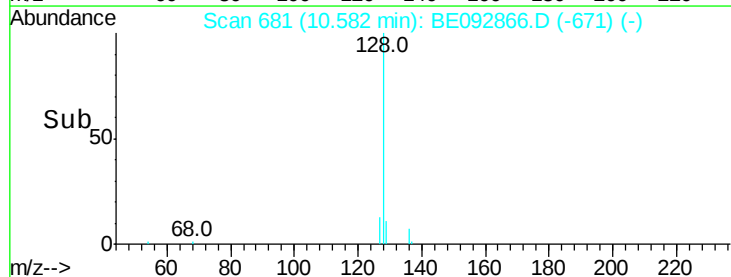
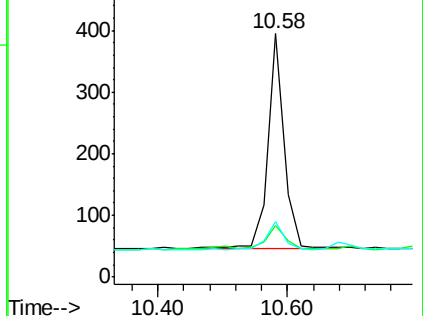
127 22.8 11.6 17.4#

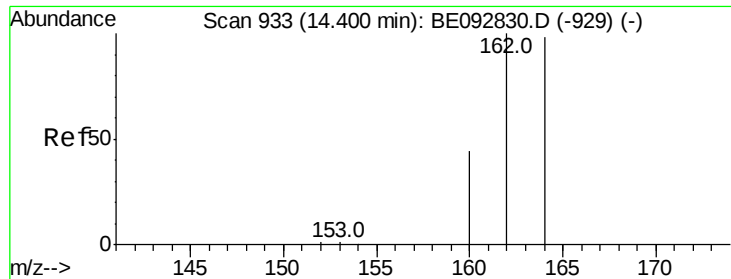


Abundance Ion 128.00 (127.70 to 128.70): BE092830.D (-676) (-)

Ion 129.00 (128.70 to 129.70): BE092830.D (-676) (-)

Ion 127.00 (126.70 to 127.70): BE092830.D (-676) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 933

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

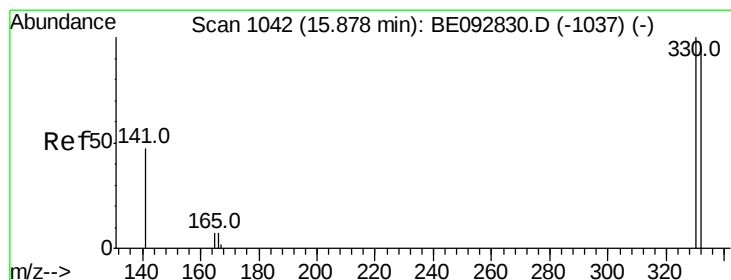
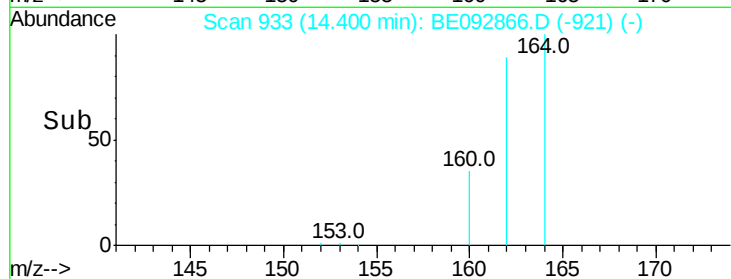
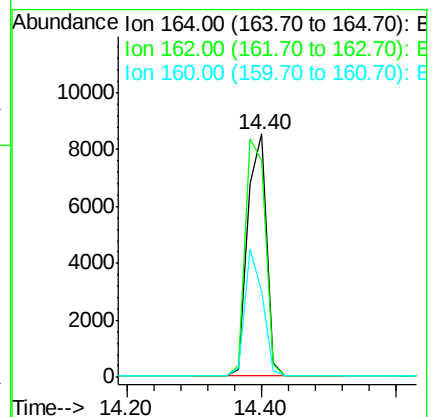
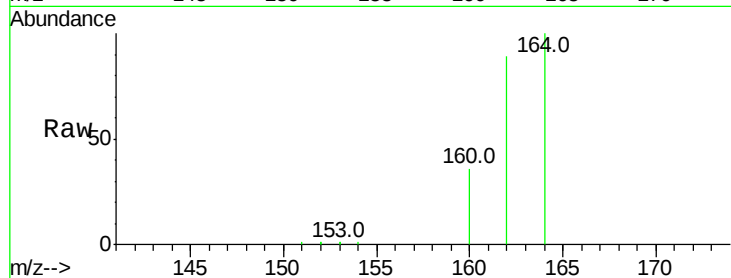
Tot Ion:164 Resp: 16343

Ion Ratio Lower Upper

164 100

162 89.2 71.4 107.0

160 35.5 27.4 41.2



#13

2,4,6-Tribromophenol

Concen: 11.91 ng

RT: 15.88 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

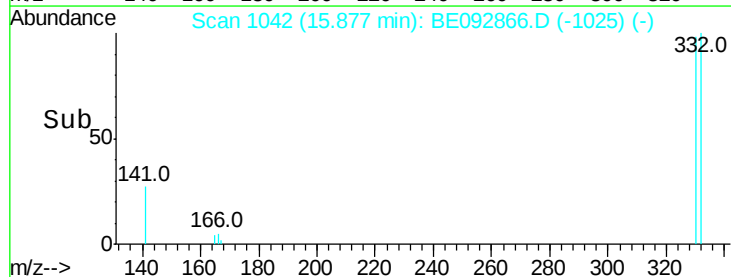
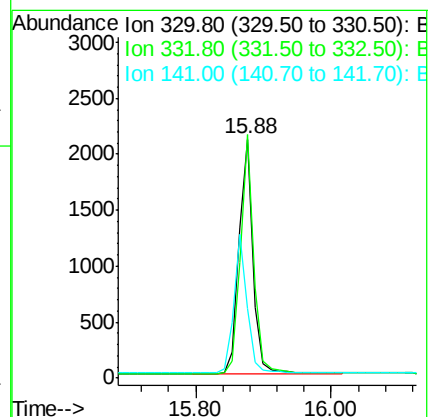
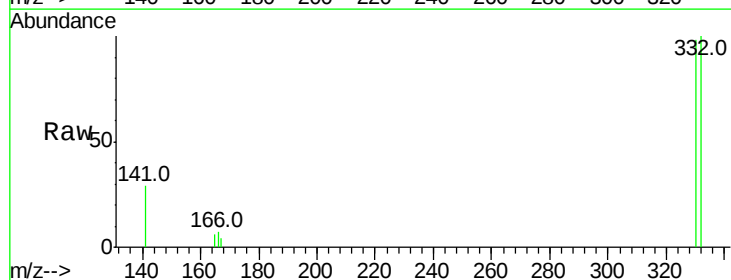
Tgt Ion:330 Resp: 3040

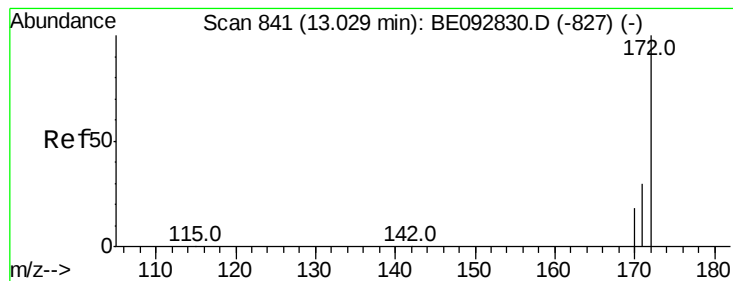
Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.0

141 56.6 31.0 46.6#

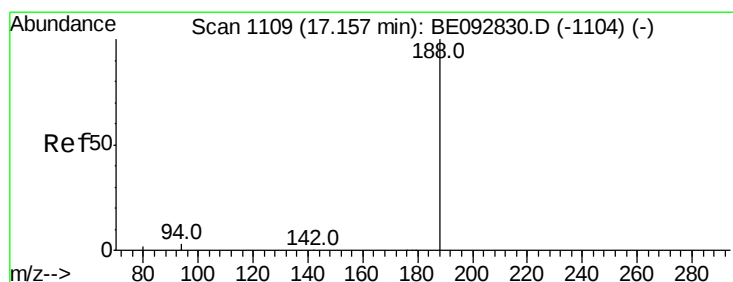
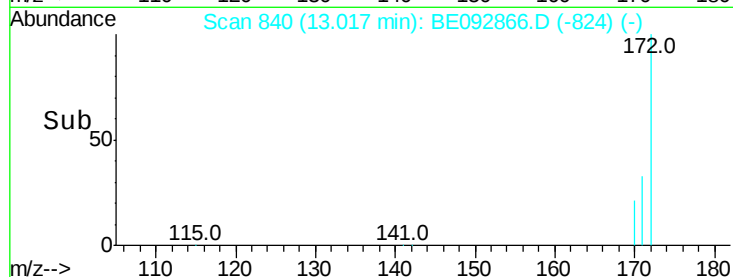
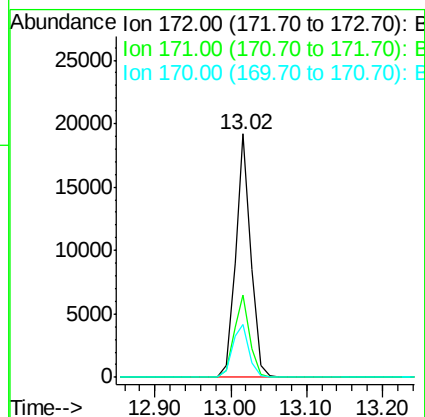
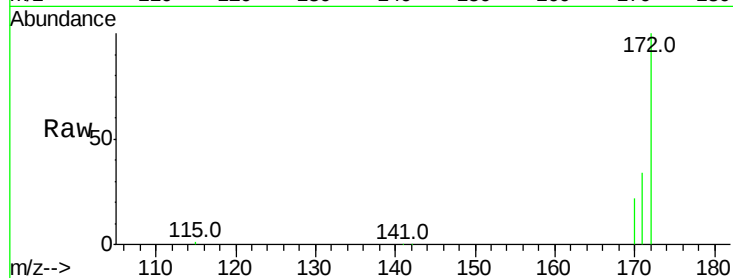




#14
2-Fluorobiphenyl
Concen: 4.98 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092866.D
Acq: 29 Mar 2017 14:47

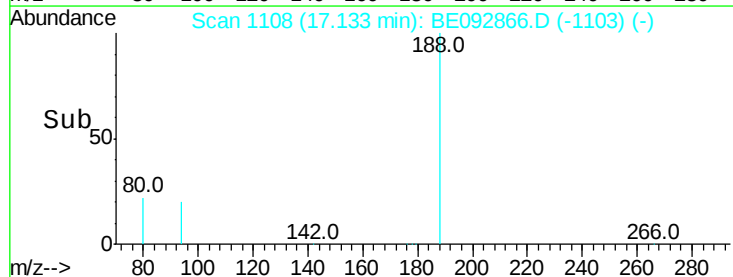
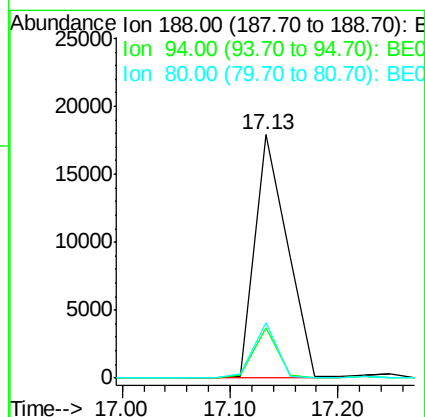
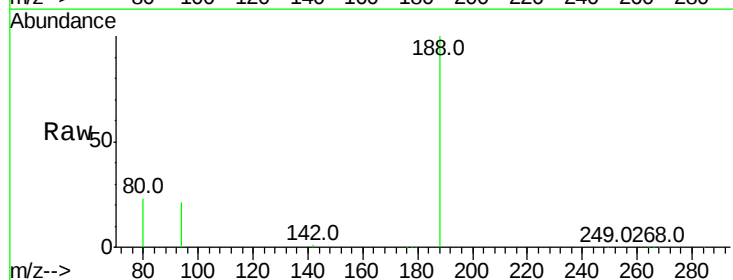
Instrument :
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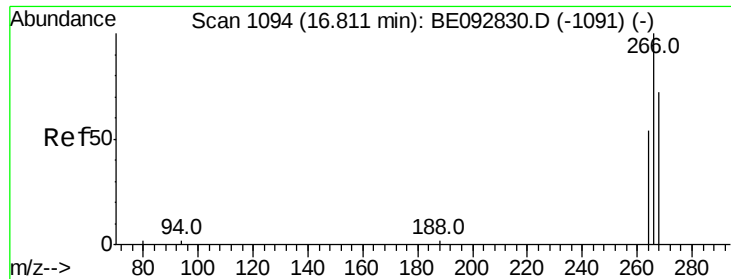
Tot Ion:172 Resp: 26807
Ion Ratio Lower Upper
172 100
171 33.6 30.1 45.1
170 21.6 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092866.D
Acq: 29 Mar 2017 14:47

Tgt Ion:188 Resp: 37202
Ion Ratio Lower Upper
188 100
94 20.7 3.2 4.8#
80 22.7 2.6 3.8#





#20

Pentachlorophenol

Concen: 0.24 ng

RT: 16.79 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

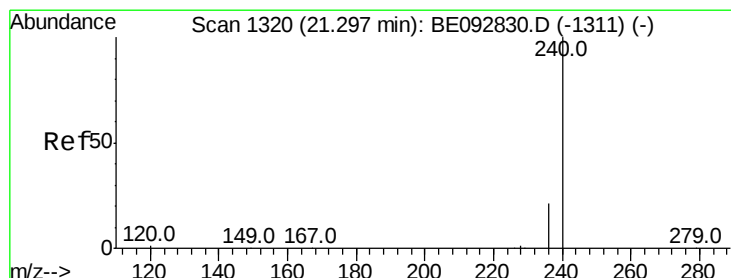
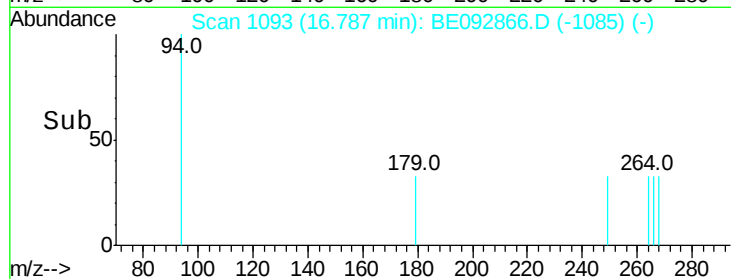
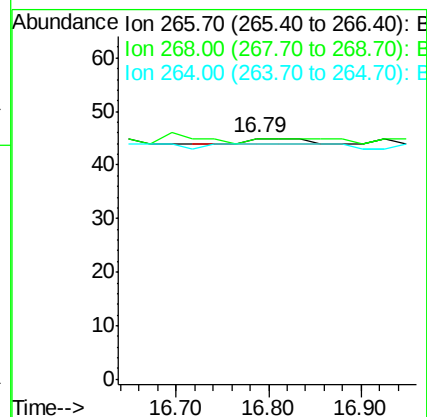
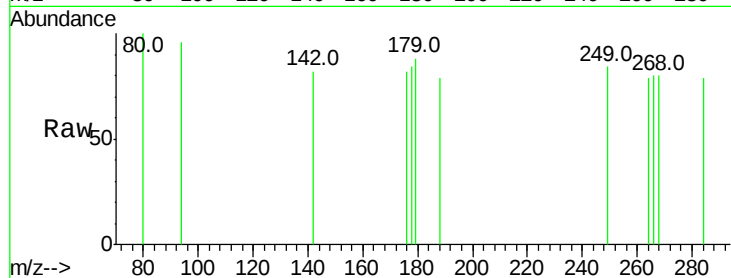
Tot Ion:266 Resp: 4

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: BE092866.D

Acq: 29 Mar 2017 14:47

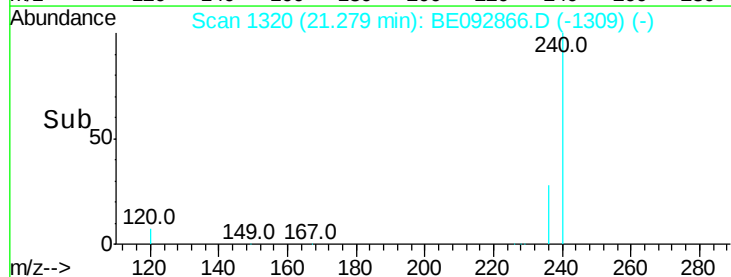
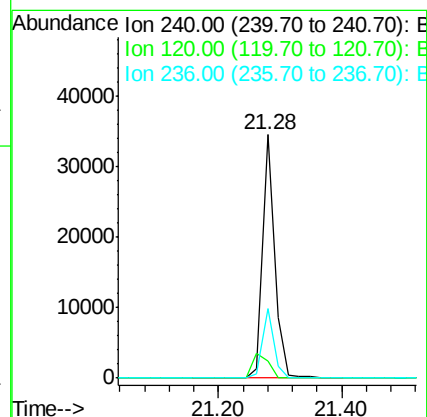
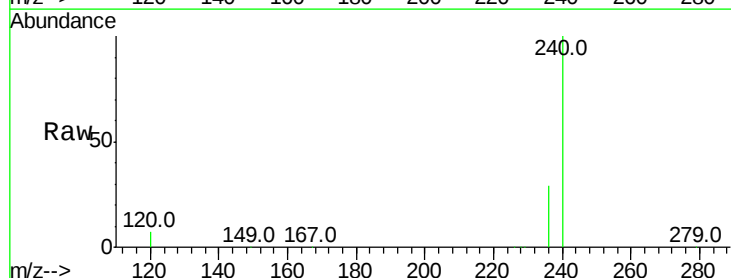
Tgt Ion:240 Resp: 47051

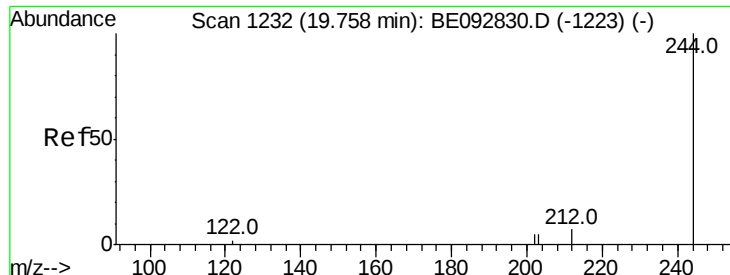
Ion Ratio Lower Upper

240 100

120 6.8 2.6 4.0#

236 28.5 24.6 37.0





#26

Terphenyl-d14

Concen: 4.19 ng

RT: 19.74 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

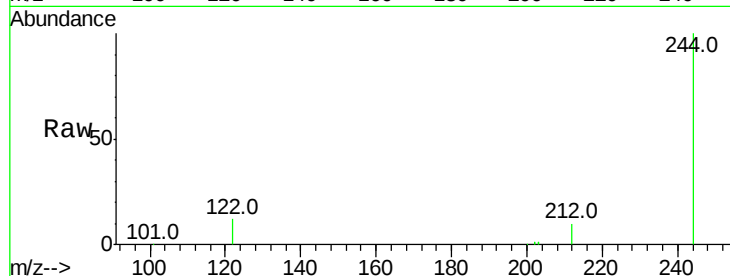
Tot Ion:244 Resp: 34061

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

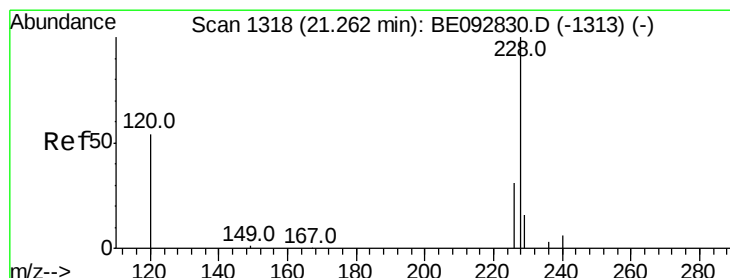
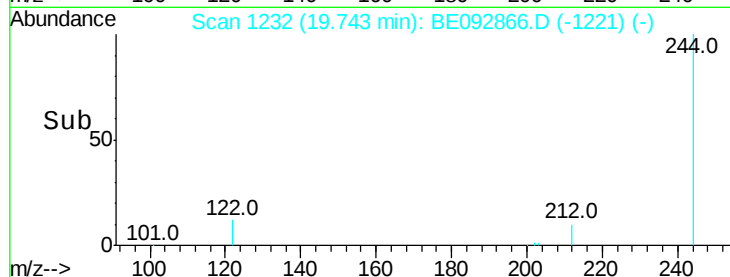
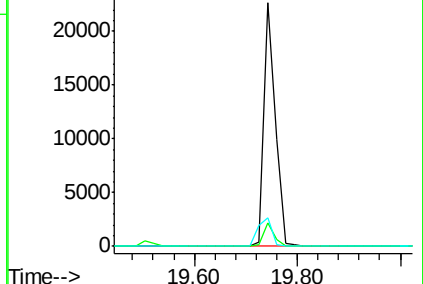
122 11.9 3.6 5.4#



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: BE092866.D

Acq: 29 Mar 2017 14:47

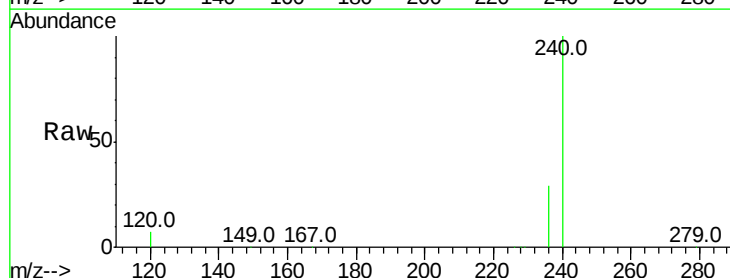
Tgt Ion:228 Resp: 254

Ion Ratio Lower Upper

228 100

226 34.9 23.6 35.4

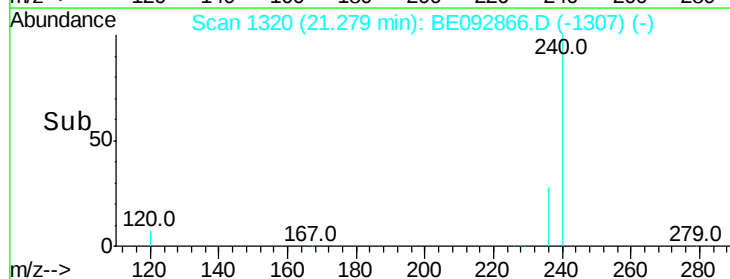
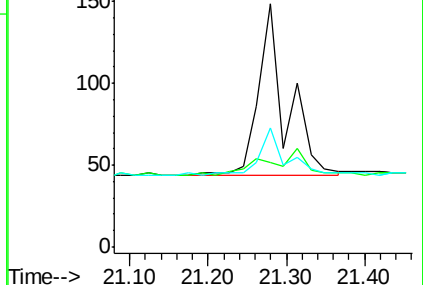
229 49.0 13.3 19.9#

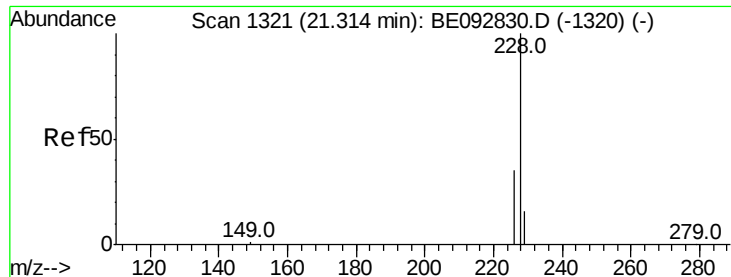


Abundance Ion 228.00 (227.70 to 228.70): E

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: BE092866.D

Acq: 29 Mar 2017 14:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170321

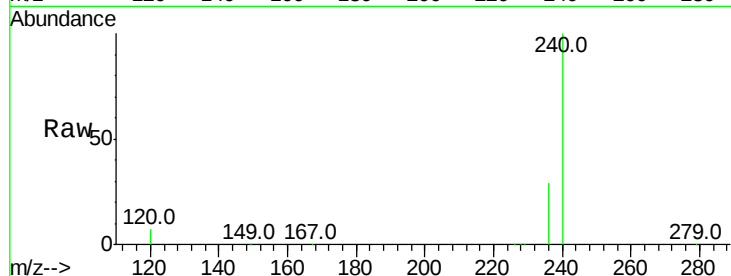
Tot Ion:228 Resp: 262

Ion Ratio Lower Upper

228 100

226 34.9 36.3 54.5#

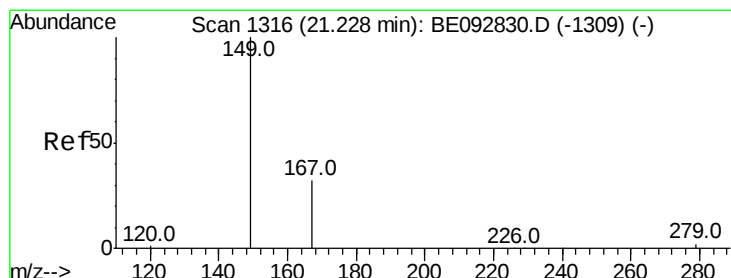
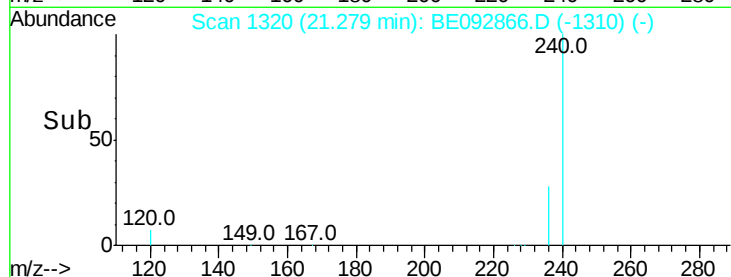
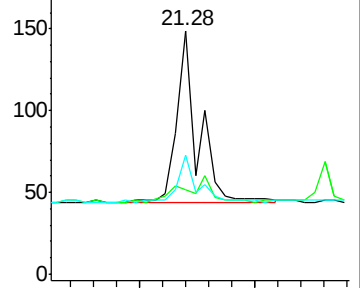
229 49.0 10.6 16.0#



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: 0.11 ng

RT: 21.21 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BE092866.D

Acq: 29 Mar 2017 14:47

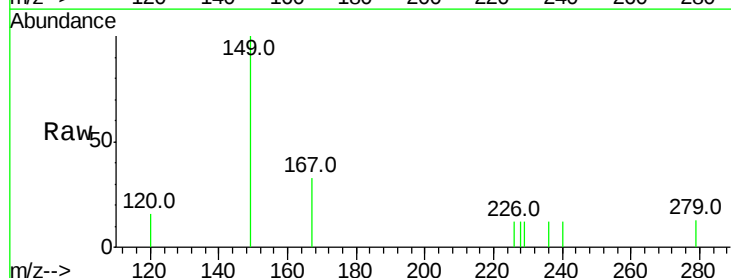
Tgt Ion:149 Resp: 361

Ion Ratio Lower Upper

149 100

167 24.9 16.0 24.0#

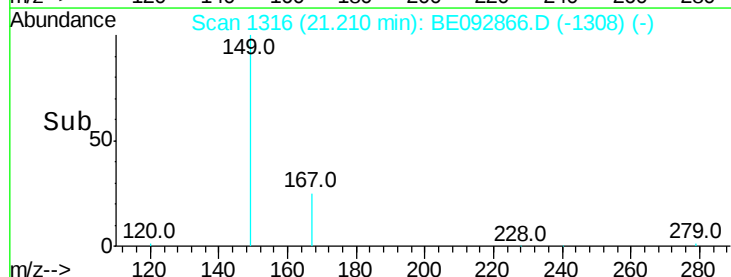
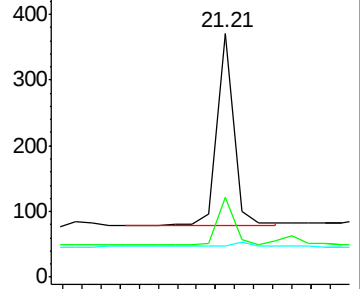
279 1.9 16.0 24.0#

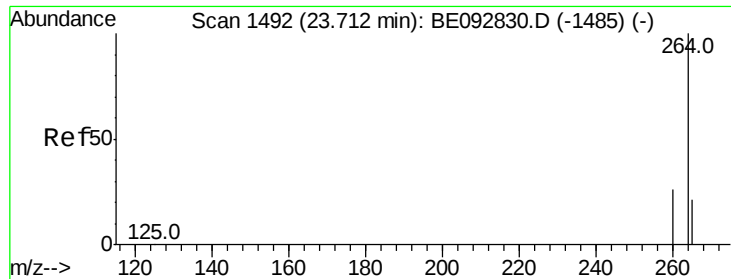


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

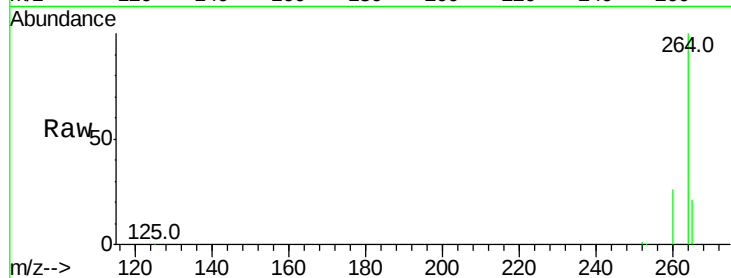




#31
Pervlone-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE092866.D
Acq: 29 Mar 2017 14:47

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170321

Tot Ion: 264 Resp: 40424
Ion Ratio Lower Upper
264 100
260 25.8 20.1 30.1
265 21.1 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

