

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092444.D
 Acq On : 7 Oct 2016 12:47
 Operator : UM/SJ
 Sample : H5095-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161004

Quant Time: Oct 10 10:41:54 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

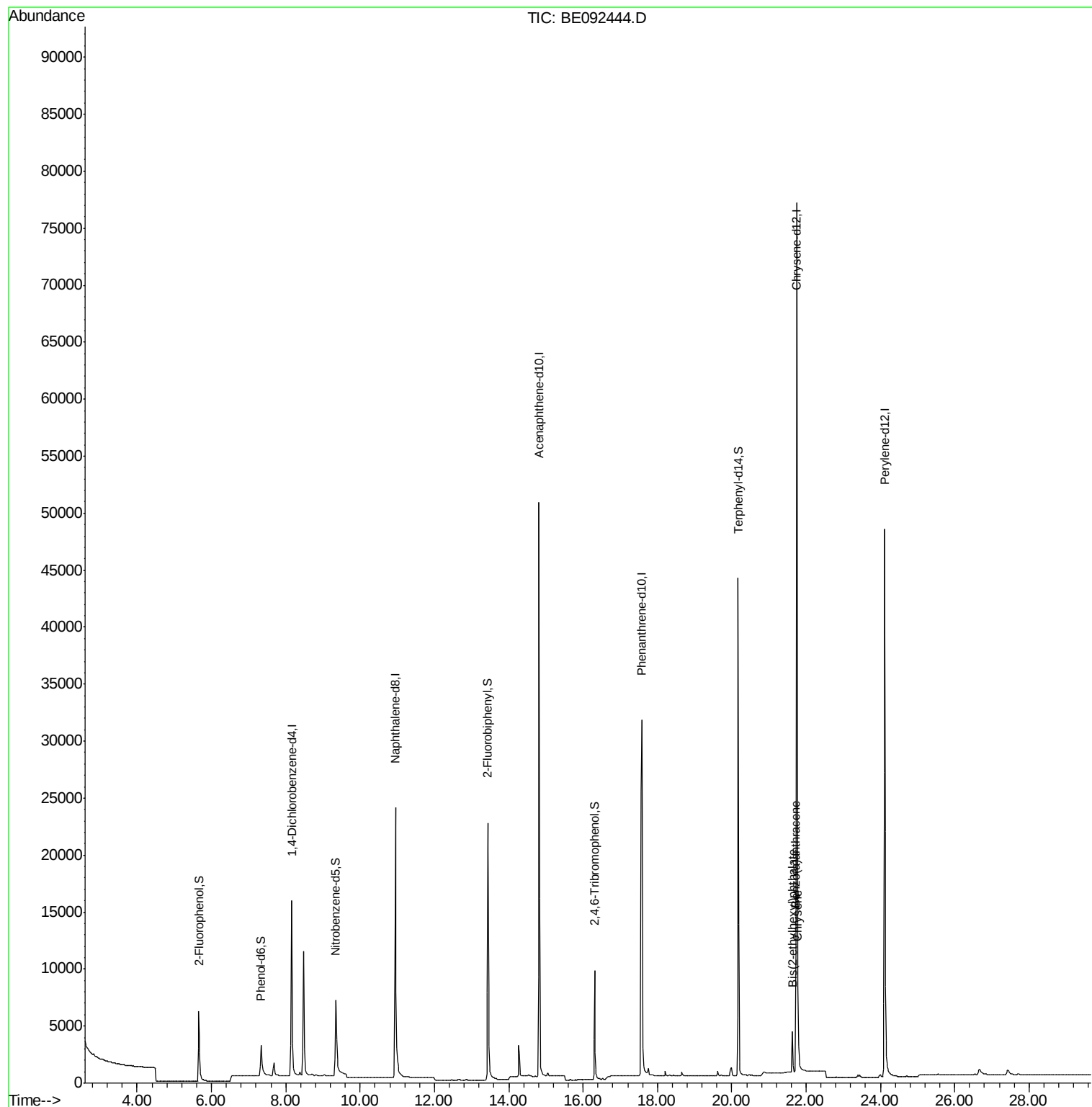
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9268	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	41656	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	32121	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67017	5.00	ng	0.02
24) Chrysene-d12	21.75	240	93209	5.00	ng	0.00
31) Perylene-d12	24.11	264	77385	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	6261	2.94	ng	-0.02
5) Phenol-d6	7.34	99	4439	1.49	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9851	3.34	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	7074	6.25	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	29749	3.91	ng	-0.01
26) Terphenyl-d14	20.17	244	53736	4.65	ng	0.00
Target Compounds						Qvalue
27) Benzo(a)anthracene	21.72	228	2275m	0.03	ng	
28) Chrysene	21.77	228	1907m	0.02	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	4595	0.59	ng	# 76

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

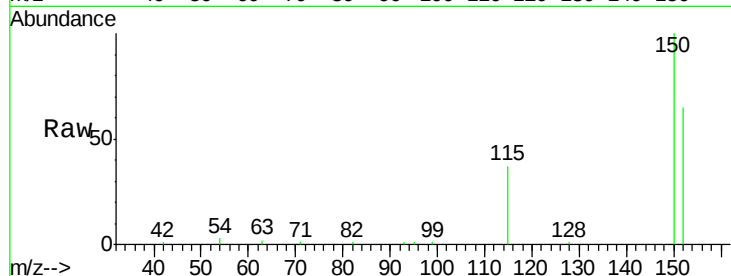
Tot Ion:152 Resp: 9268

Ion Ratio Lower Upper

152 100

150 153.5 106.0 159.0

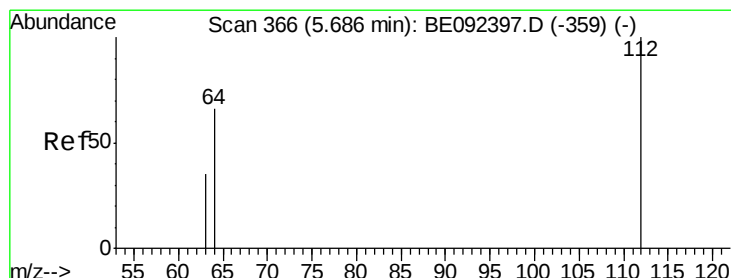
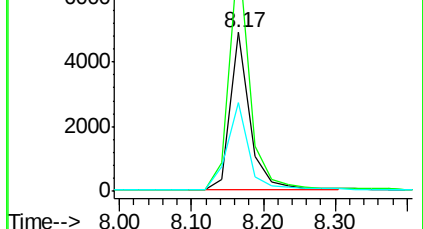
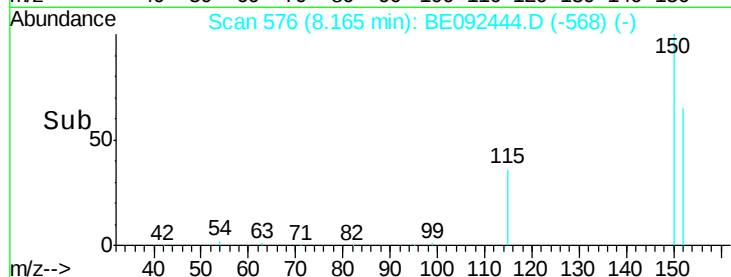
115 56.1 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 2.94 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

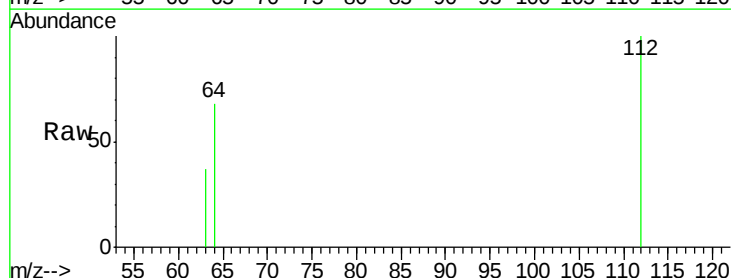
Tgt Ion:112 Resp: 6261

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

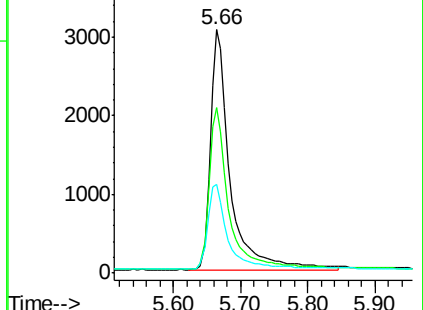
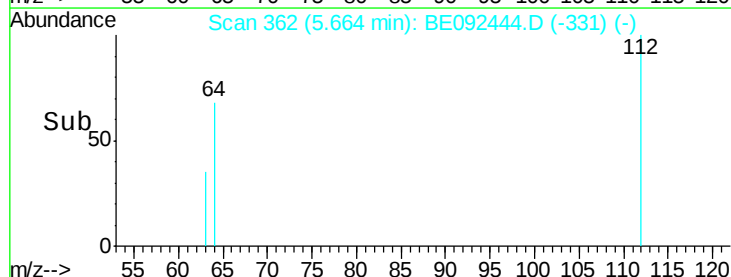
63 36.3 27.9 41.9

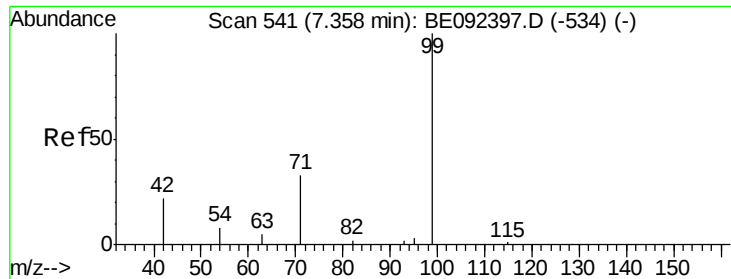


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.49 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

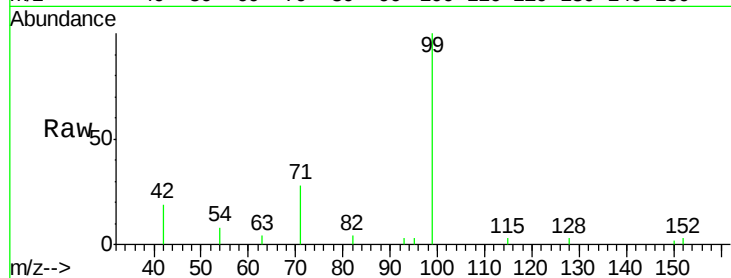
Tot Ion: 99 Resp: 4439

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

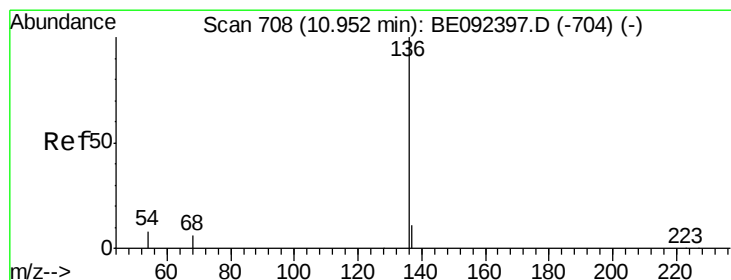
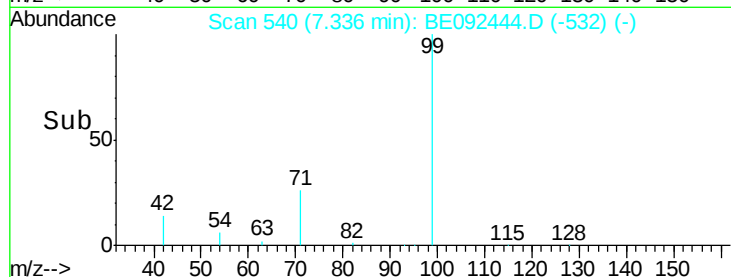
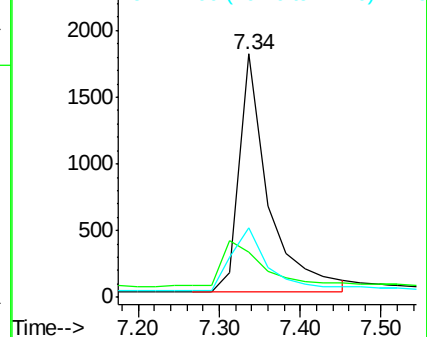
71 34.3 30.6 45.8



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: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Tgt Ion: 136 Resp: 41656

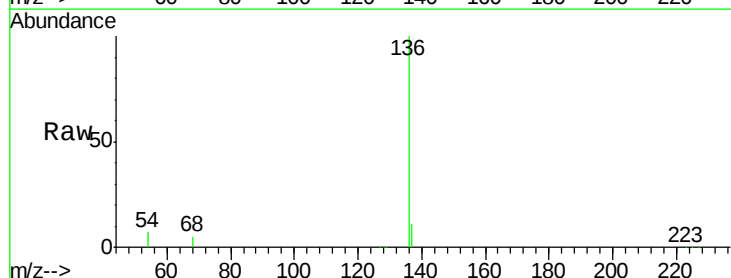
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 7.2 9.6 14.4#

68 5.3 6.7 10.1#

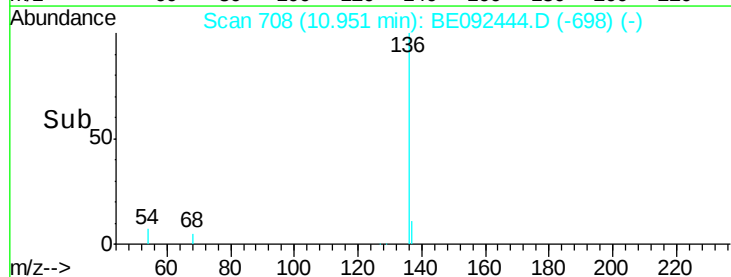
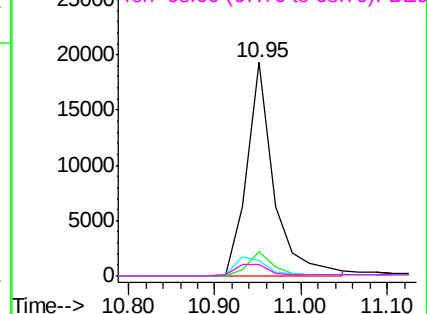


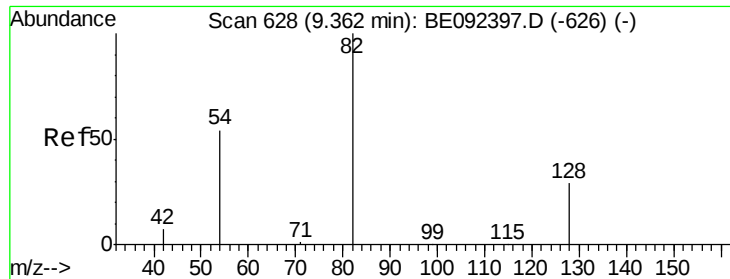
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.34 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

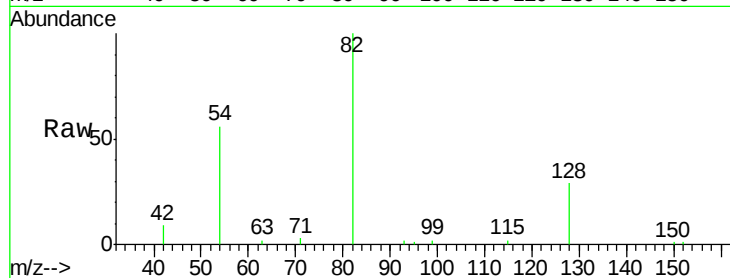
Tot Ion: 82 Resp: 9851

Ion Ratio Lower Upper

82 100

128 29.0 39.0 58.4#

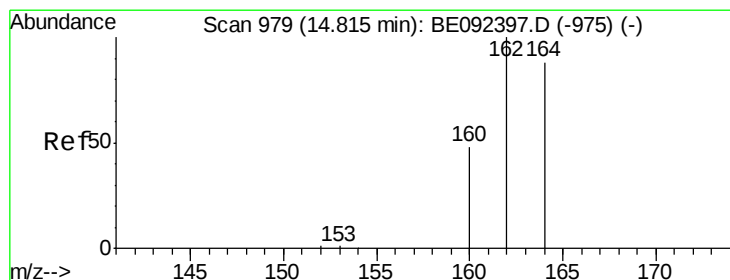
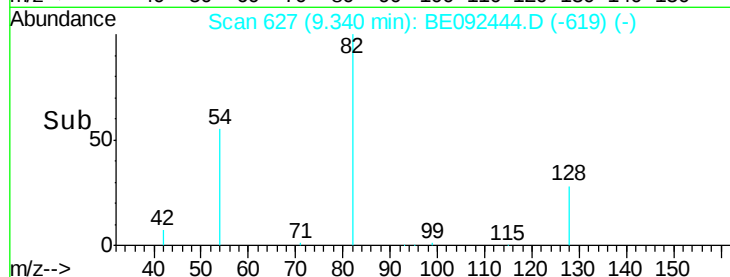
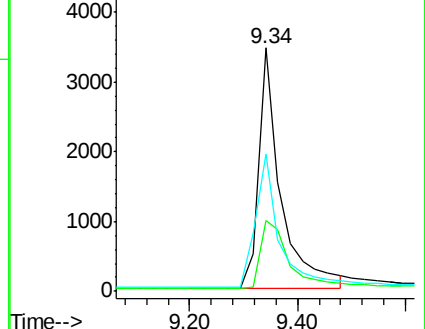
54 56.2 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE092397.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092397.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092397.D (-626) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

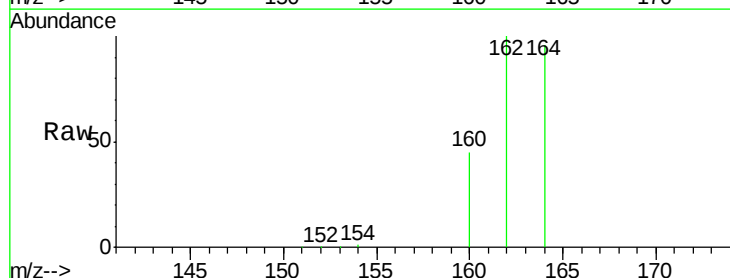
Tgt Ion: 164 Resp: 32121

Ion Ratio Lower Upper

164 100

162 104.6 71.4 107.0

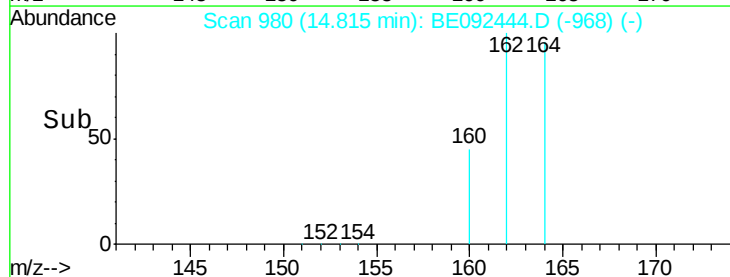
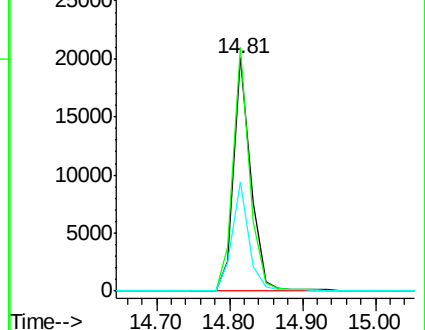
160 47.0 27.4 41.2#

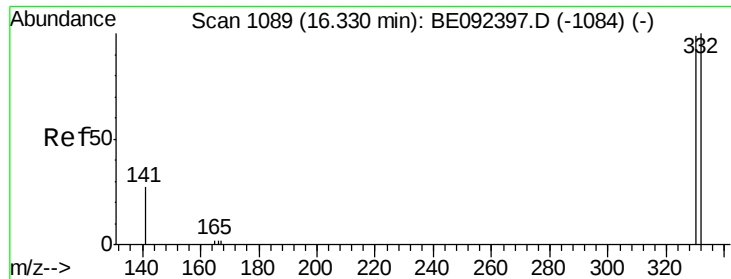


Abundance Ion 164.00 (163.70 to 164.70): BE092397.D (-975) (-)

Ion 162.00 (161.70 to 162.70): BE092397.D (-975) (-)

Ion 160.00 (159.70 to 160.70): BE092397.D (-975) (-)

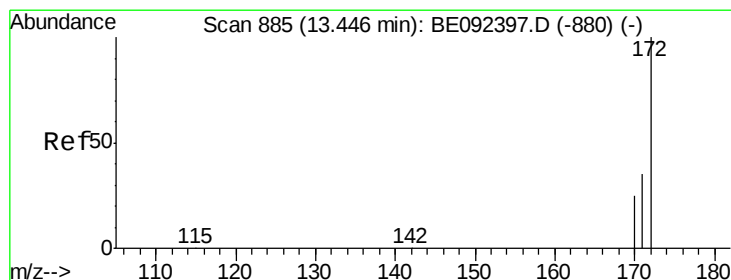
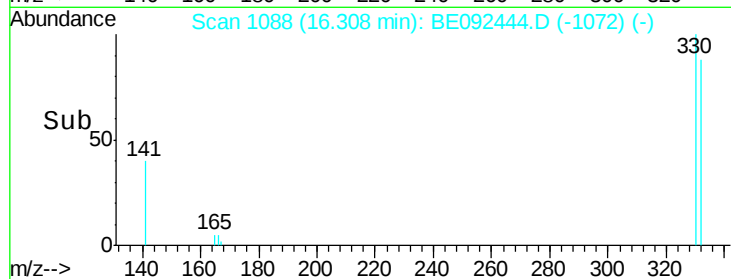
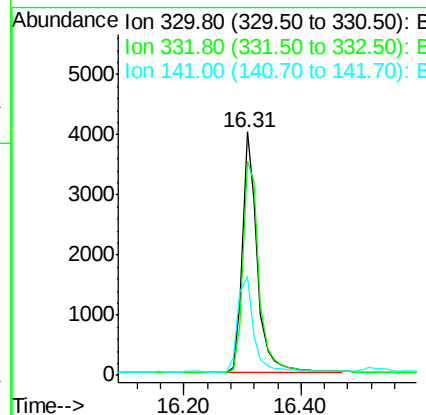
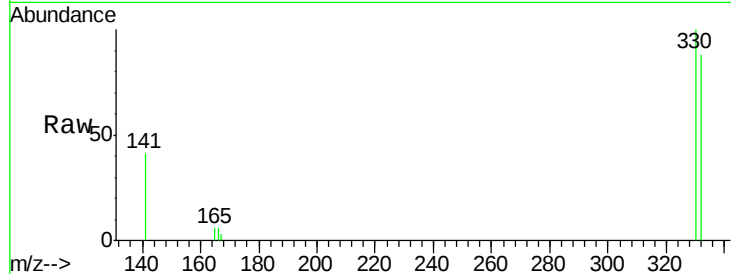




#13
 2,4,6-Tribromophenol
 Concen: 6.25 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092444.D
 Acq: 7 Oct 2016 12:47

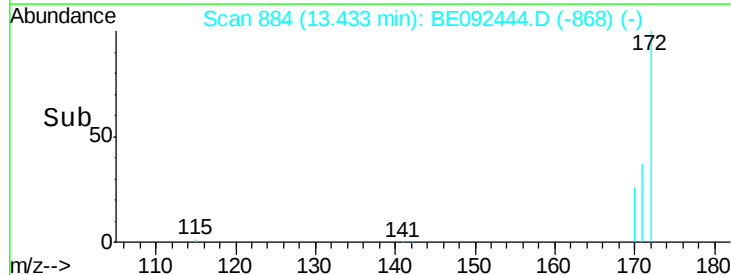
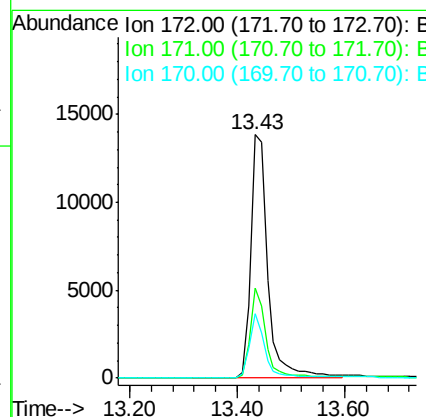
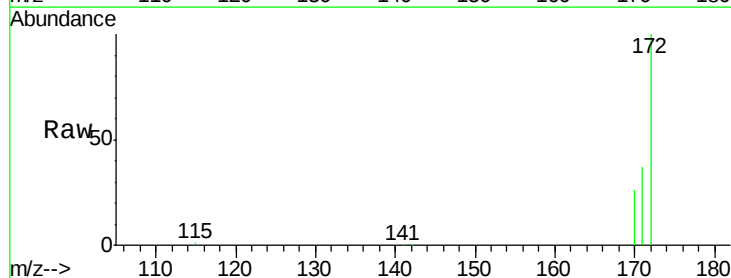
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161004

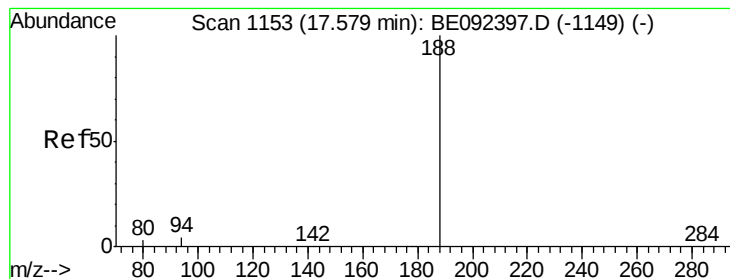
Tot Ion:330 Resp: 7074
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 43.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.91 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092444.D
 Acq: 7 Oct 2016 12:47

Tgt Ion:172 Resp: 29749
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 26.4 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

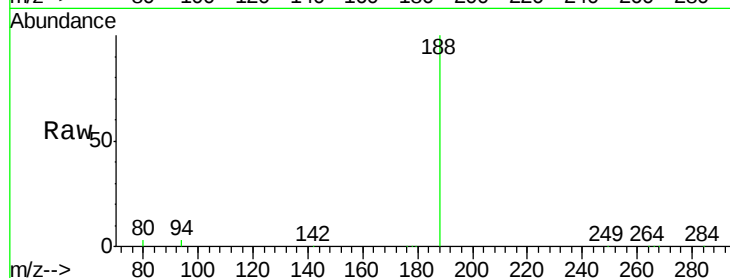
Tot Ion:188 Resp: 67017

Ion Ratio Lower Upper

188 100

94 3.3 3.2 4.8

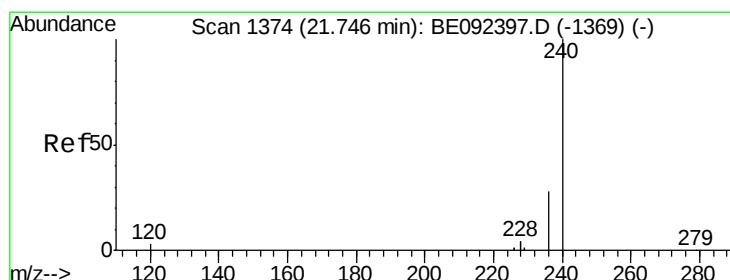
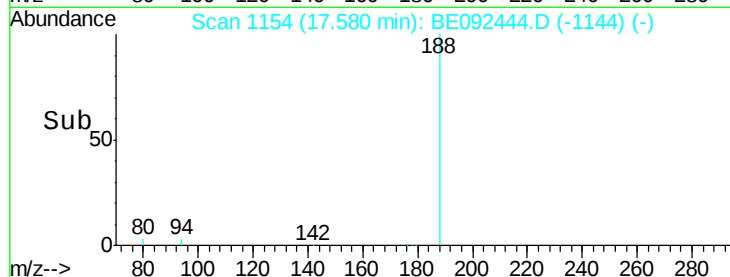
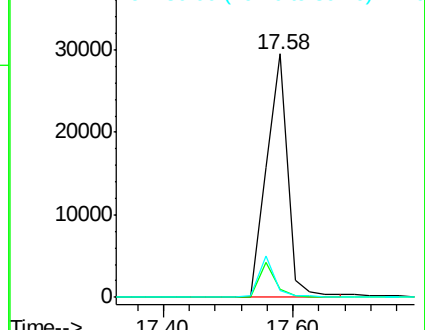
80 2.9 2.6 3.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

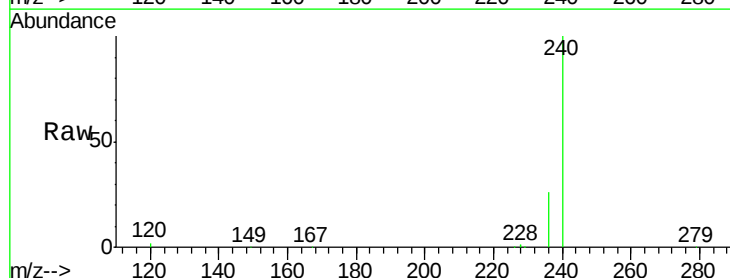
Tgt Ion:240 Resp: 93209

Ion Ratio Lower Upper

240 100

120 1.8 2.6 4.0#

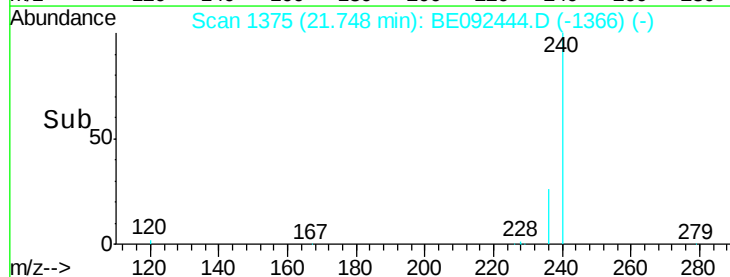
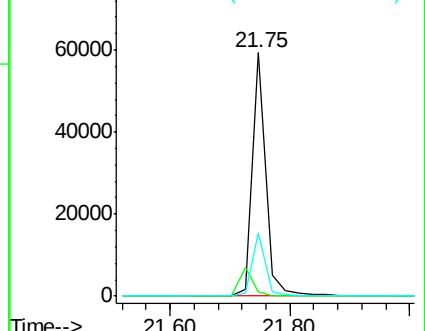
236 25.8 24.6 37.0

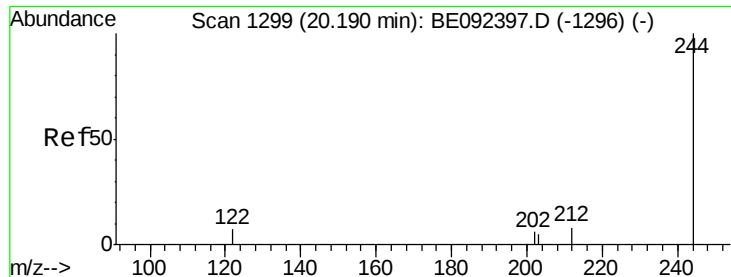


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.65 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

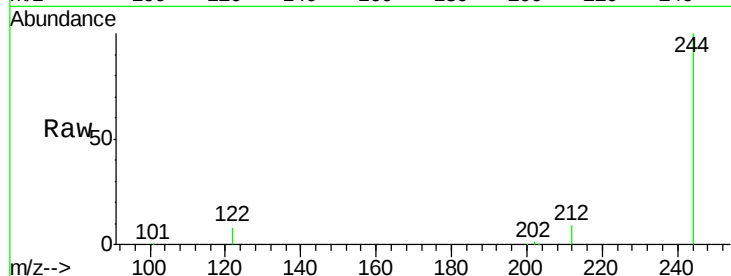
Tot Ion:244 Resp: 53736

Ion Ratio Lower Upper

244 100

212 8.9 6.7 10.1

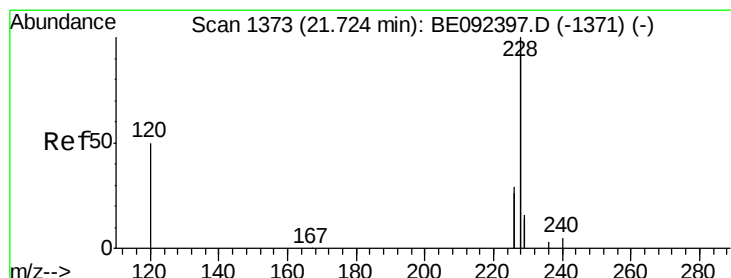
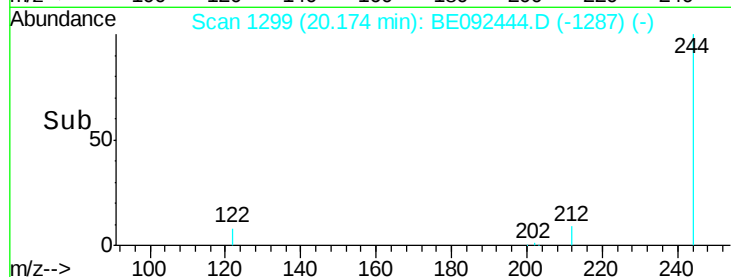
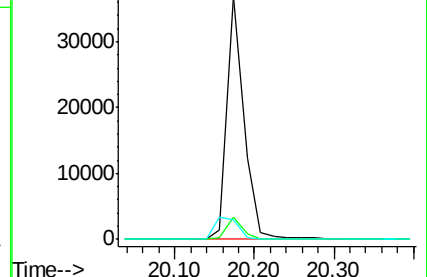
122 7.9 3.6 5.4#



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: 0.03 ng m

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

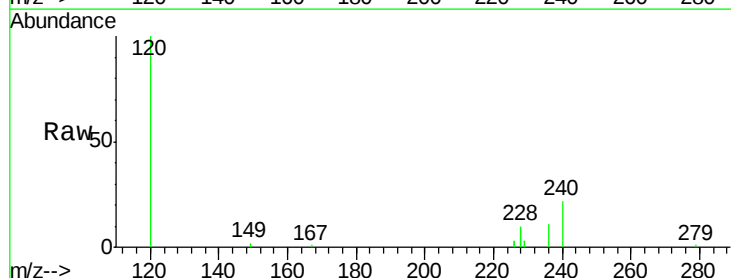
Tgt Ion:228 Resp: 2275

Ion Ratio Lower Upper

228 100

226 33.3 23.6 35.4

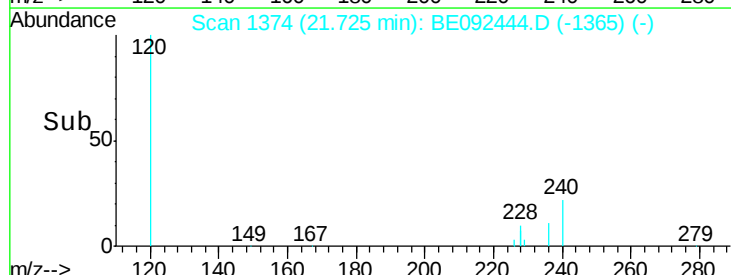
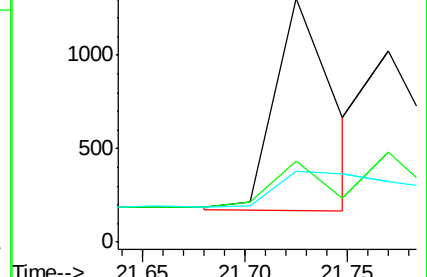
229 29.1 13.3 19.9#

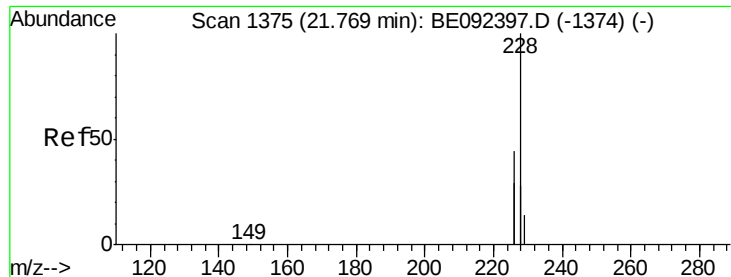


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.02 ng/mL

RT: 21.77 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument:

BNA_E

ClientSampleID:

OUTFALL001-161004

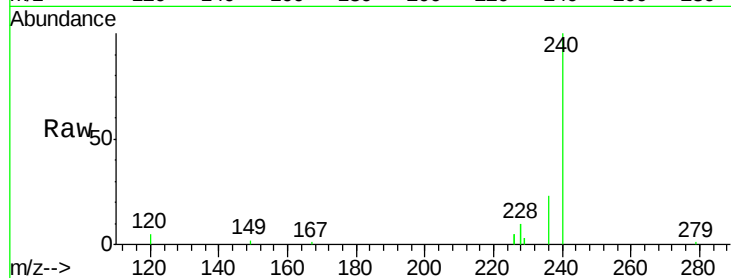
Tot Ion: 228 Resp: 1907

Ion Ratio Lower Upper

228 100

226 46.8 36.3 54.5

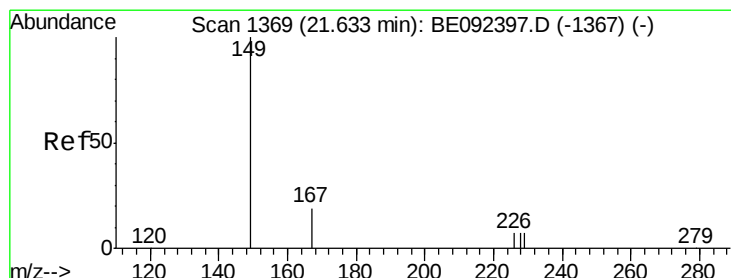
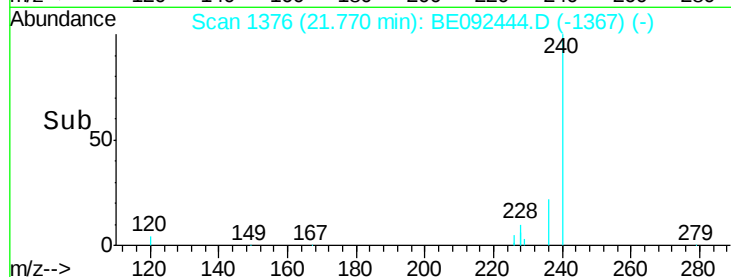
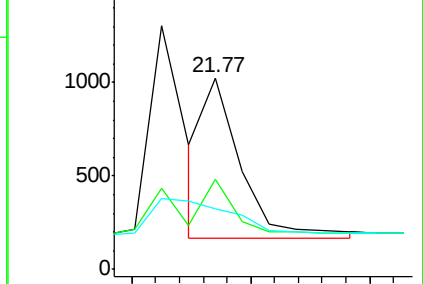
229 31.4 10.6 16.0#



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: 0.59 ng/mL

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

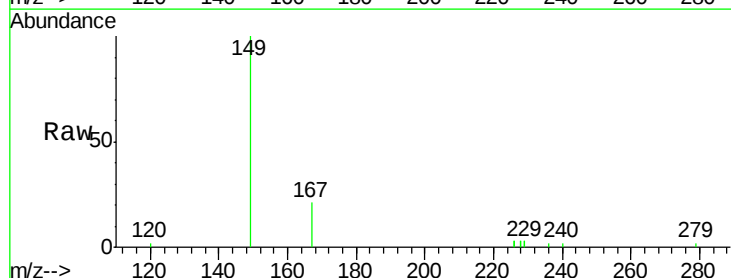
Tgt Ion: 149 Resp: 4595

Ion Ratio Lower Upper

149 100

167 22.2 16.0 24.0

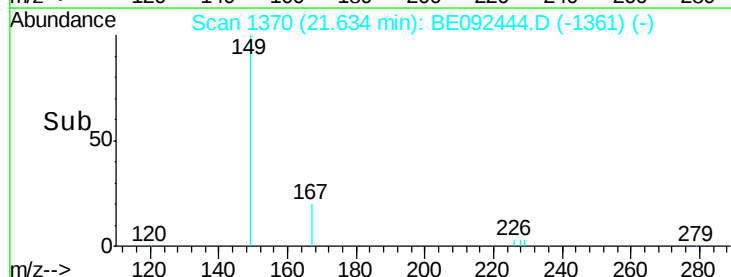
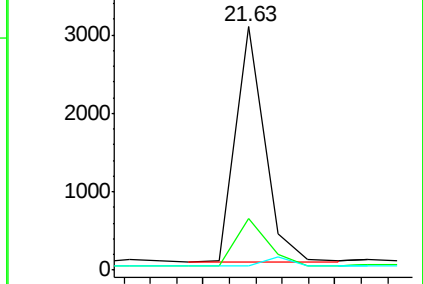
279 0.0 16.0 24.0#

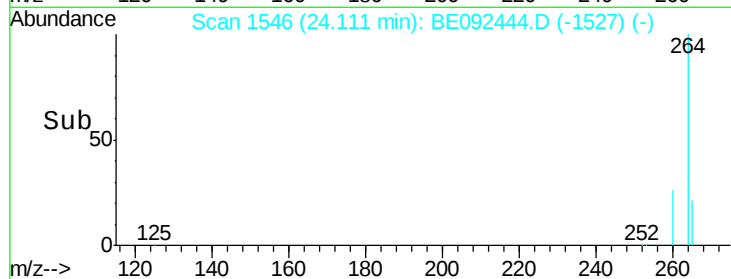
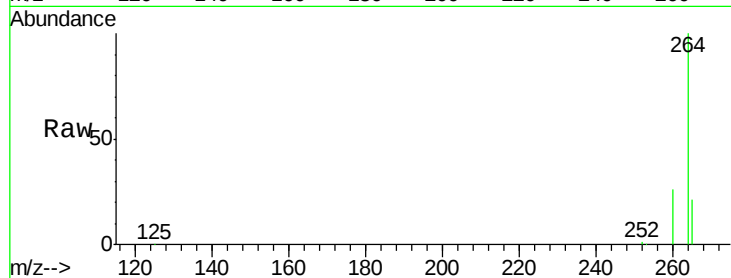
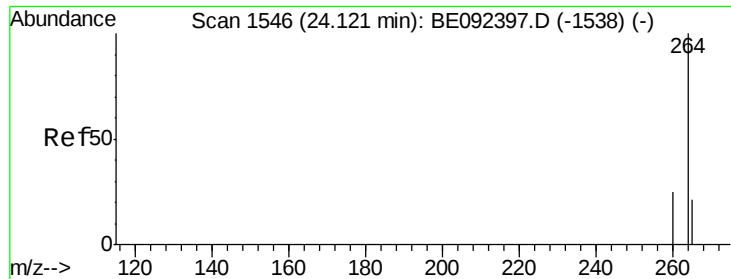


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Pervlene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BE092444.D

Acq: 7 Oct 2016 12:47

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161004

Tot Ion: 264 Resp: 77385

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.0 17.9 26.9

