

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
 Data File : BE092516.D
 Acq On : 8 Nov 2016 19:39
 Operator : UM/SJ
 Sample : H5520-02
 Misc : 4X Internal std added
 ALS Vial : 17 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161101

Quant Time: Nov 09 09:57:21 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

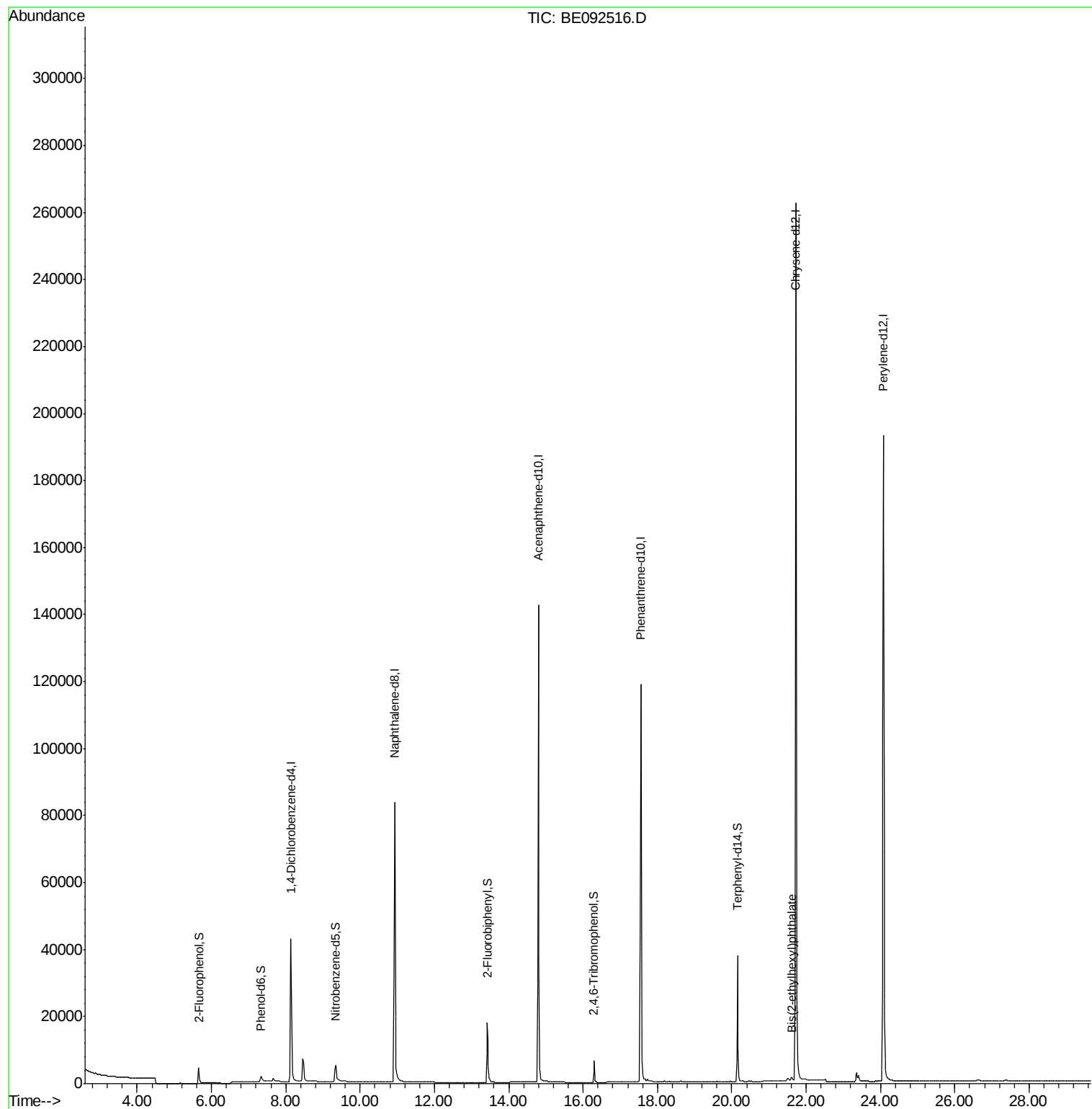
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	28374	20.00	ng	-0.02
7) Naphthalene-d8	10.93	136	131623	20.00	ng	0.00
12) Acenaphthene-d10	14.80	164	88915	20.00	ng	0.00
18) Phenanthrene-d10	17.56	188	196782	20.00	ng	0.00
24) Chrysene-d12	21.72	240	305077	20.00	ng	0.00
31) Perylene-d12	24.08	264	285512	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	4928	3.15	ng	0.00
5) Phenol-d6	7.33	99	3346	1.60	ng	0.00
8) Nitrobenzene-d5	9.34	82	8838	4.09	ng	0.00
13) 2,4,6-Tribromophenol	16.29	330	5144	7.20	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	23735	4.32	ng	-0.01
26) Terphenyl-d14	20.16	244	46594	5.03	ng	-0.02
Target Compounds						
29) Bis(2-ethylhexyl)phthalate	21.61	149	1697	0.27	ng	Qvalue # 56

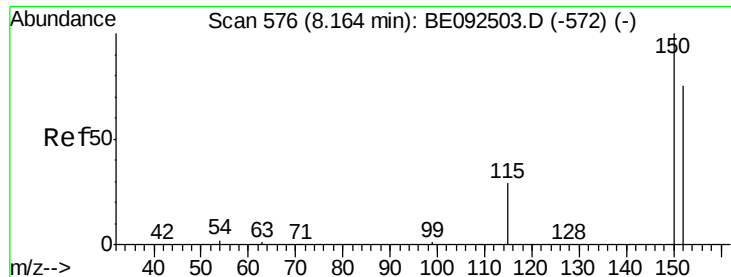
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 16:27:22 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

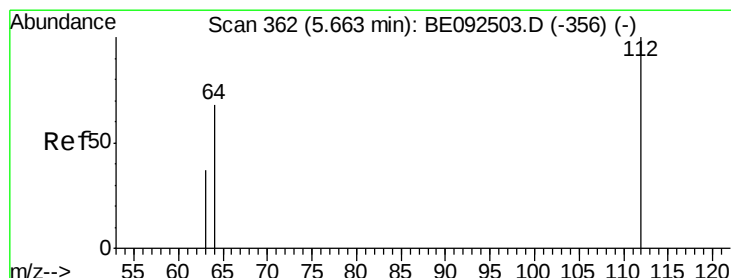
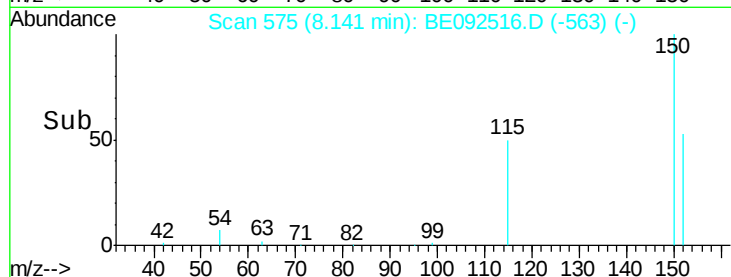
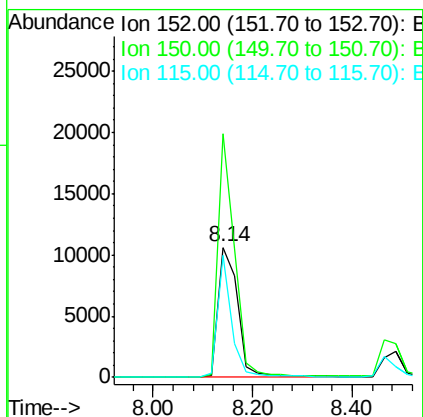
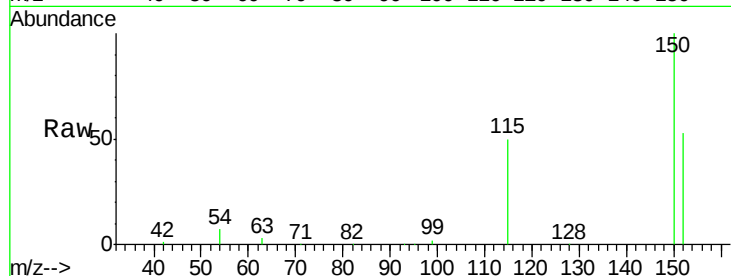
Tot Ion:152 Resp: 28374

Ion Ratio Lower Upper

152 100

150 187.1 106.0 159.0#

115 94.0 31.2 46.8#



#4

2-Fluorophenol

Concen: 3.15 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

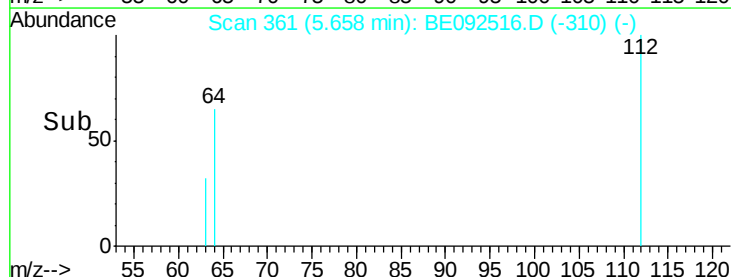
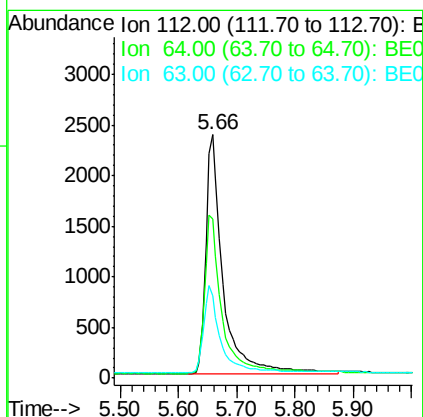
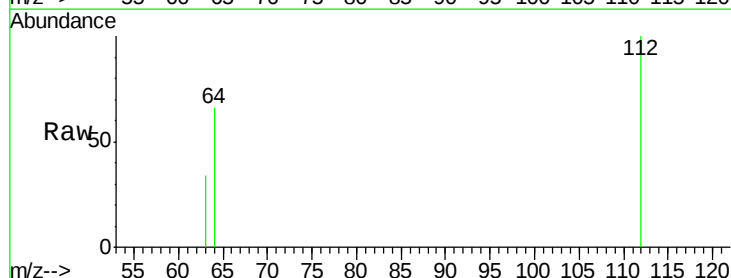
Tgt Ion:112 Resp: 4928

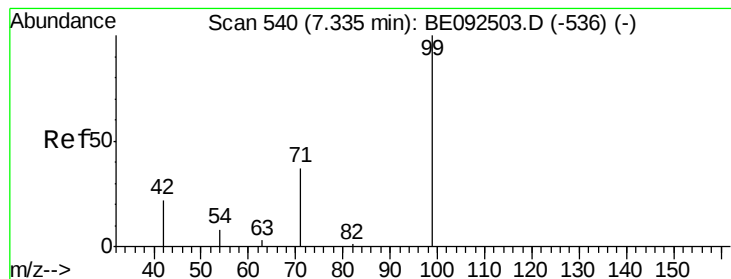
Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 1.60 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

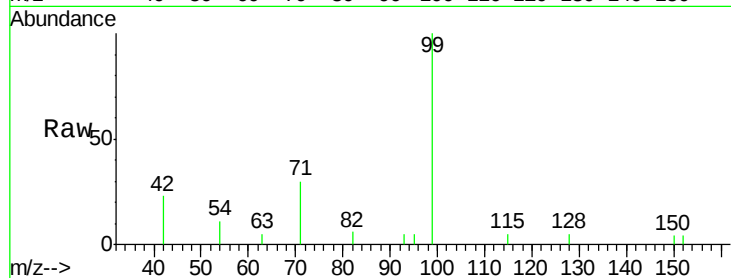
Tot Ion: 99 Resp: 3346

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

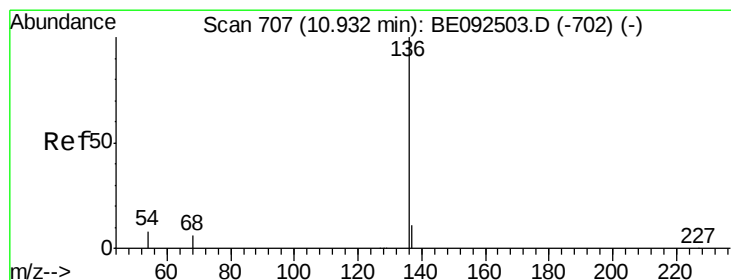
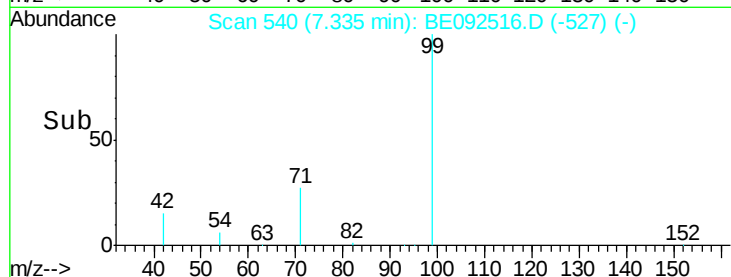
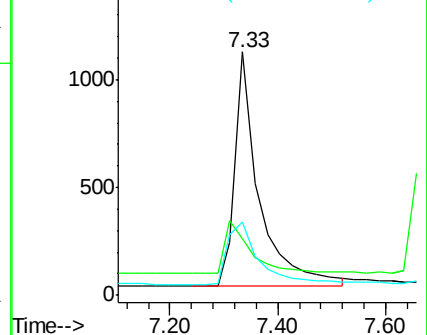
71 35.4 30.6 45.8



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: 20.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Tgt Ion: 136 Resp: 131623

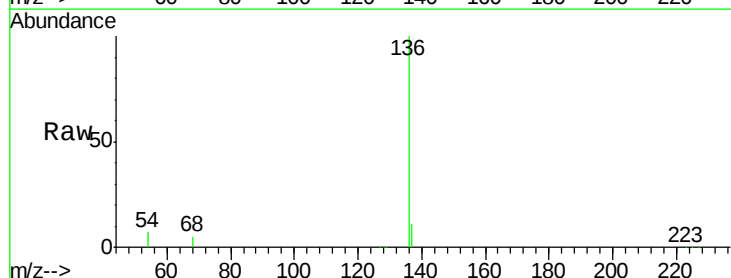
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.6 9.6 14.4#

68 5.1 6.7 10.1#

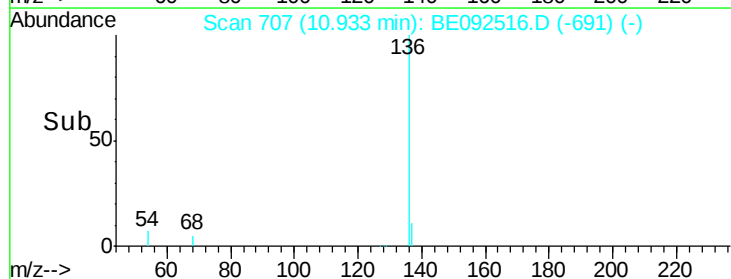
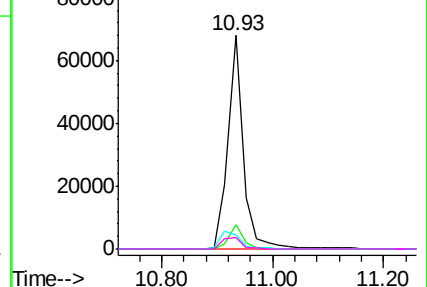


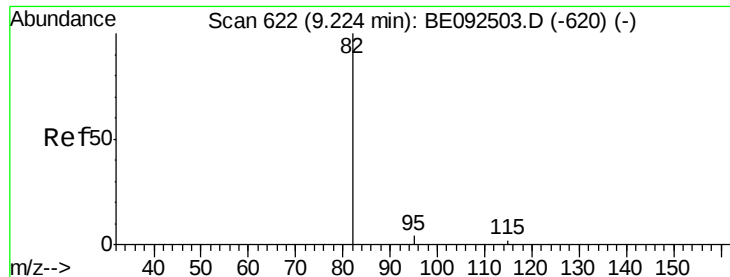
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.09 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

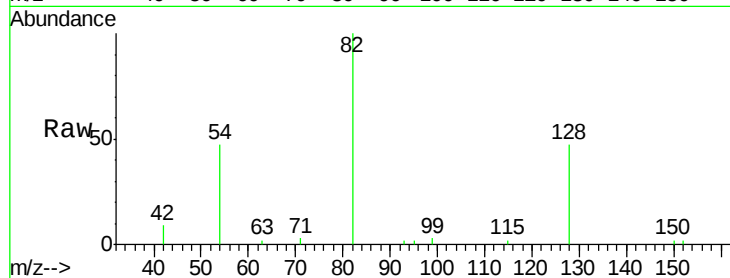
Tot Ion: 82 Resp: 8838

Ion Ratio Lower Upper

82 100

128 47.4 39.0 58.4

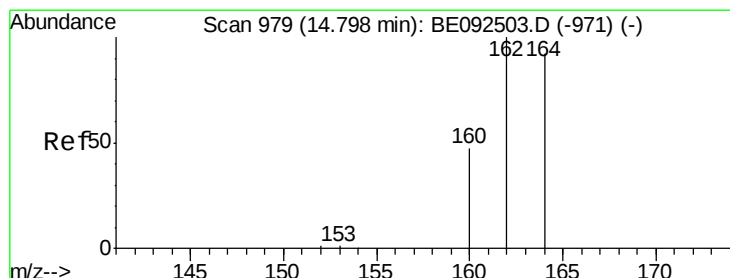
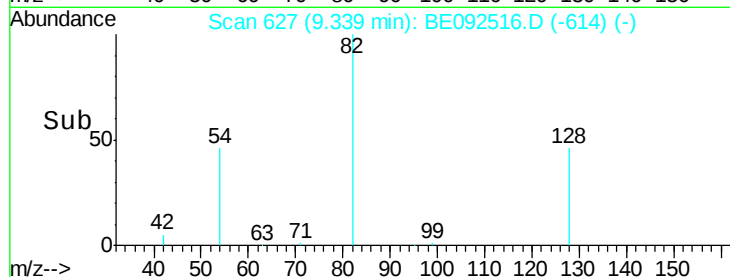
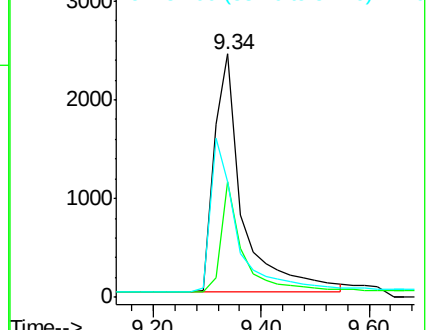
54 47.3 44.8 67.2



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: 20.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

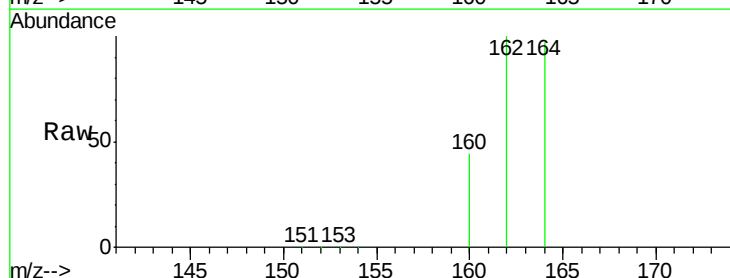
Tgt Ion: 164 Resp: 88915

Ion Ratio Lower Upper

164 100

162 103.6 71.4 107.0

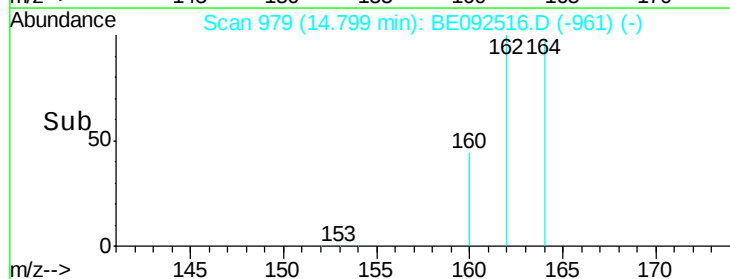
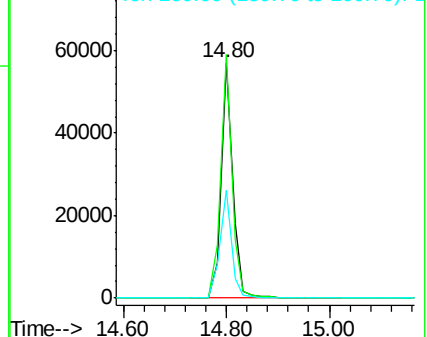
160 45.8 27.4 41.2#

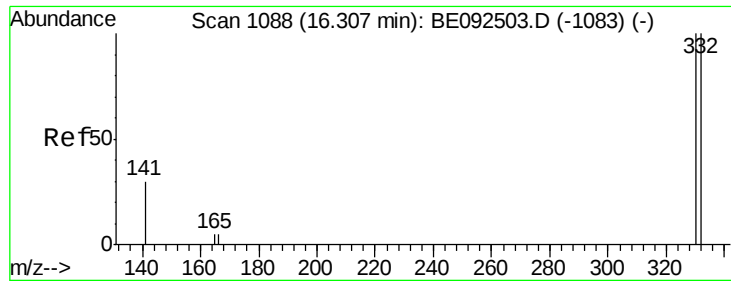


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

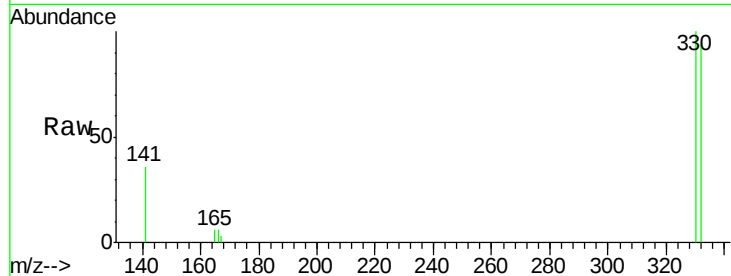




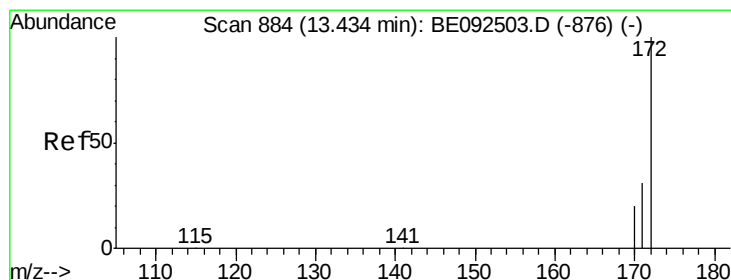
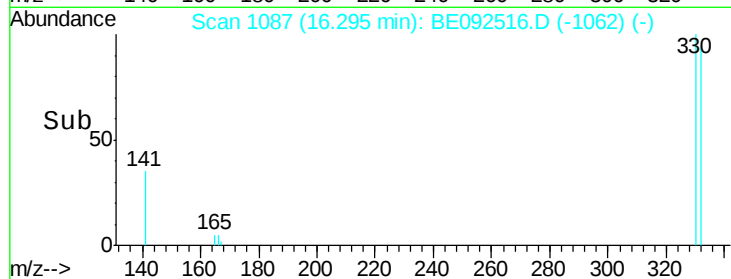
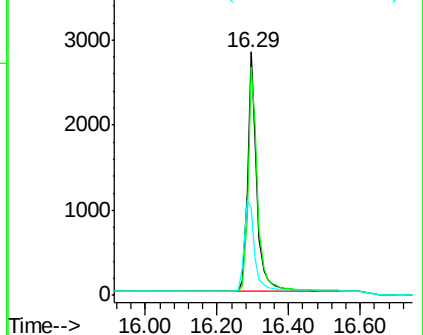
#13
 2,4,6-Tribromophenol
 Concen: 7.20 ng
 RT: 16.29 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161101

Tot Ion:330 Resp: 5144
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 42.1 31.0 46.6

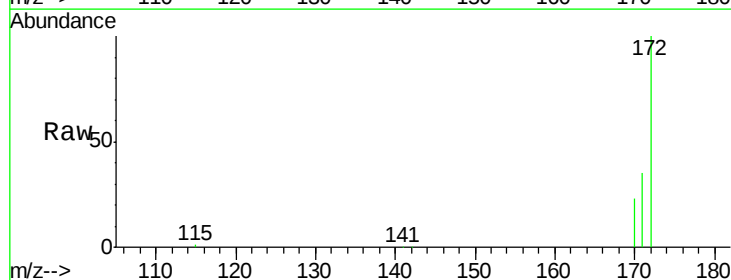


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

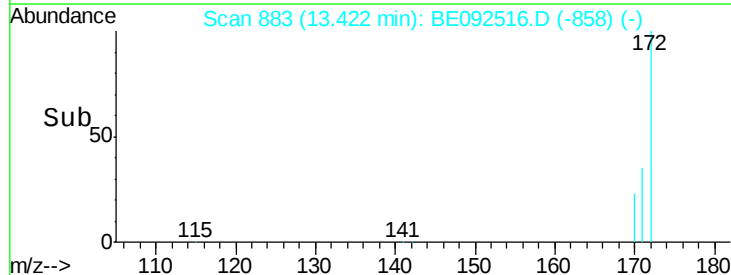
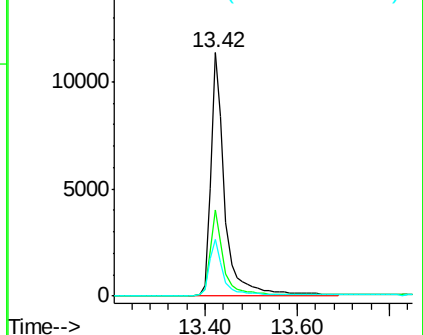


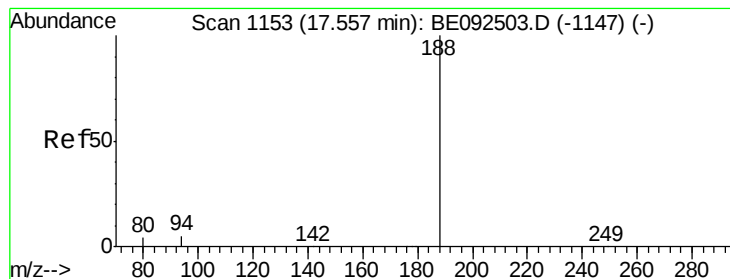
#14
 2-Fluorobiphenyl
 Concen: 4.32 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092516.D
 Acq: 8 Nov 2016 19:39

Tgt Ion:172 Resp: 23735
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.1 45.1
 170 23.5 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

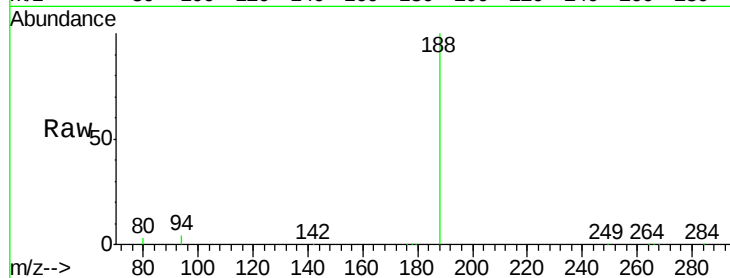
Tot Ion:188 Resp: 196782

Ion Ratio Lower Upper

188 100

94 3.7 3.2 4.8

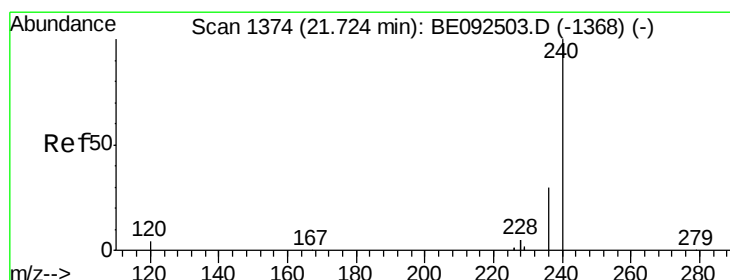
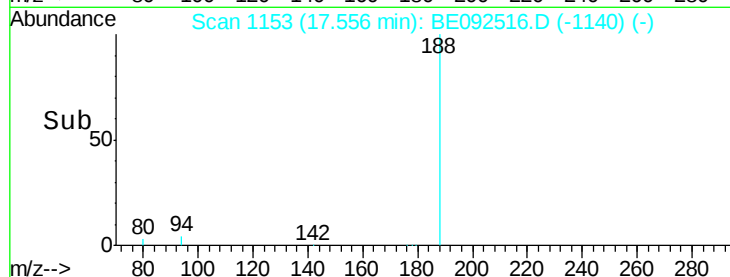
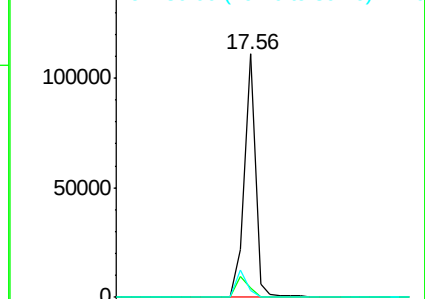
80 3.0 2.6 3.8



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: 20.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

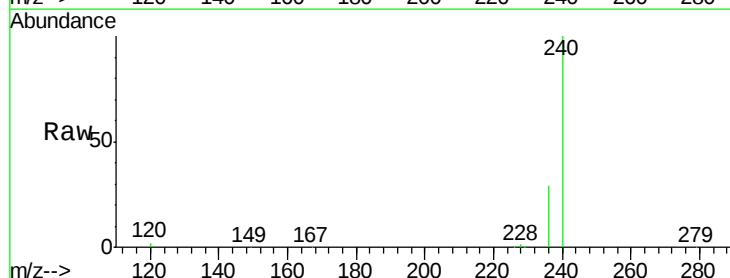
Tgt Ion:240 Resp: 305077

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

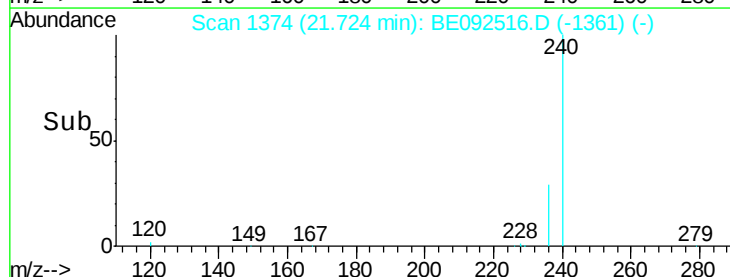
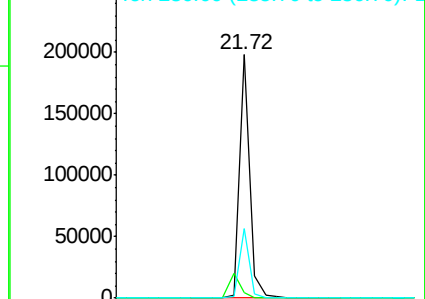
236 28.6 24.6 37.0

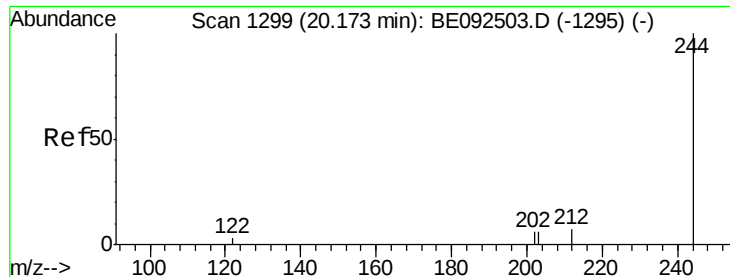


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 5.03 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

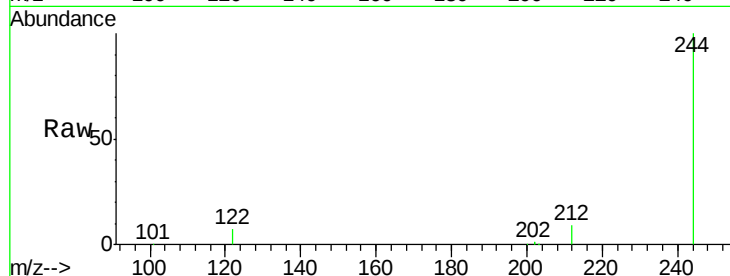
Tot Ion:244 Resp: 46594

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

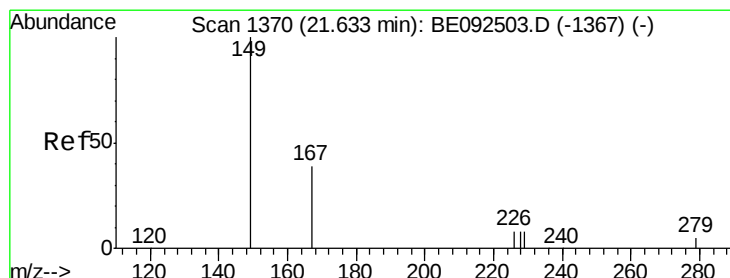
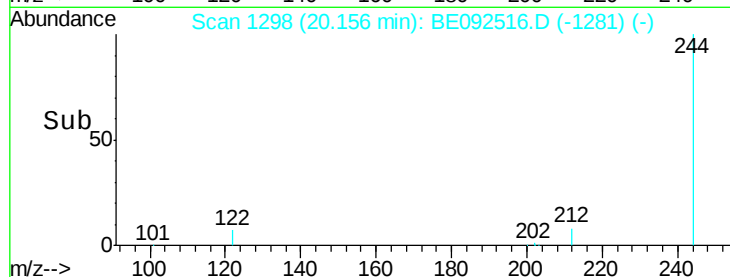
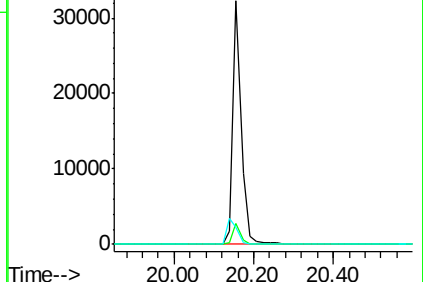
122 7.1 3.6 5.4#



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: 0.27 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

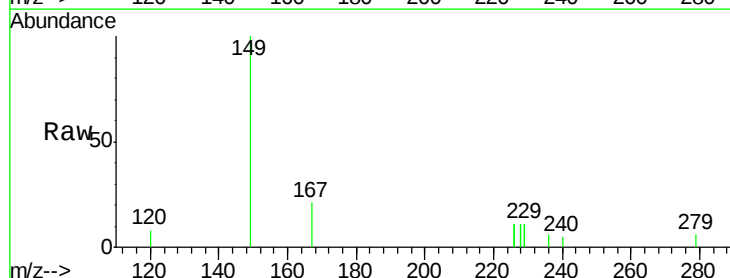
Tgt Ion:149 Resp: 1697

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

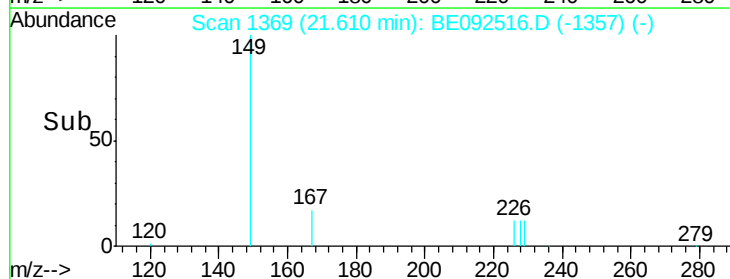
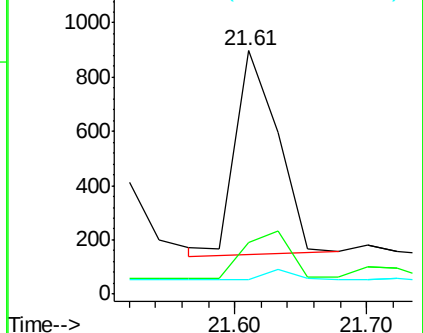
279 0.0 16.0 24.0#

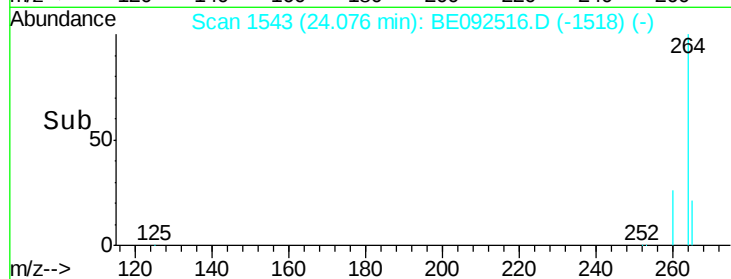
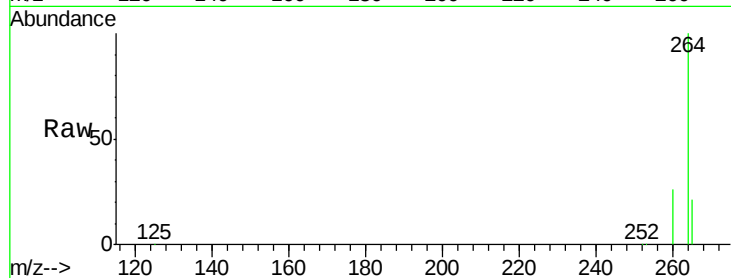
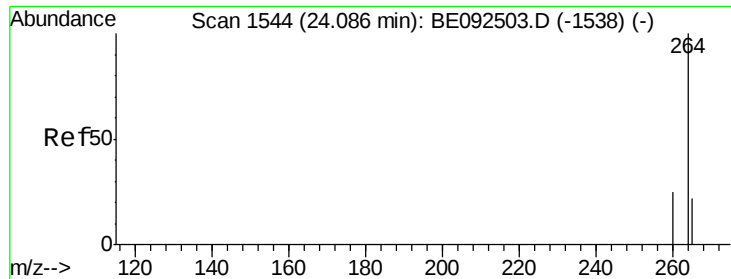


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Pervlene-d12

Concen: 20.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BE092516.D

Acq: 8 Nov 2016 19:39

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161101

Tot Ion: 264 Resp: 285512

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

265 21.2 17.9 26.9

