

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031017\
 Data File : BE092815.D
 Acq On : 10 Mar 2017 19:51
 Operator : SJ/MA
 Sample : I2187-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170307

Quant Time: Mar 10 23:04:37 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

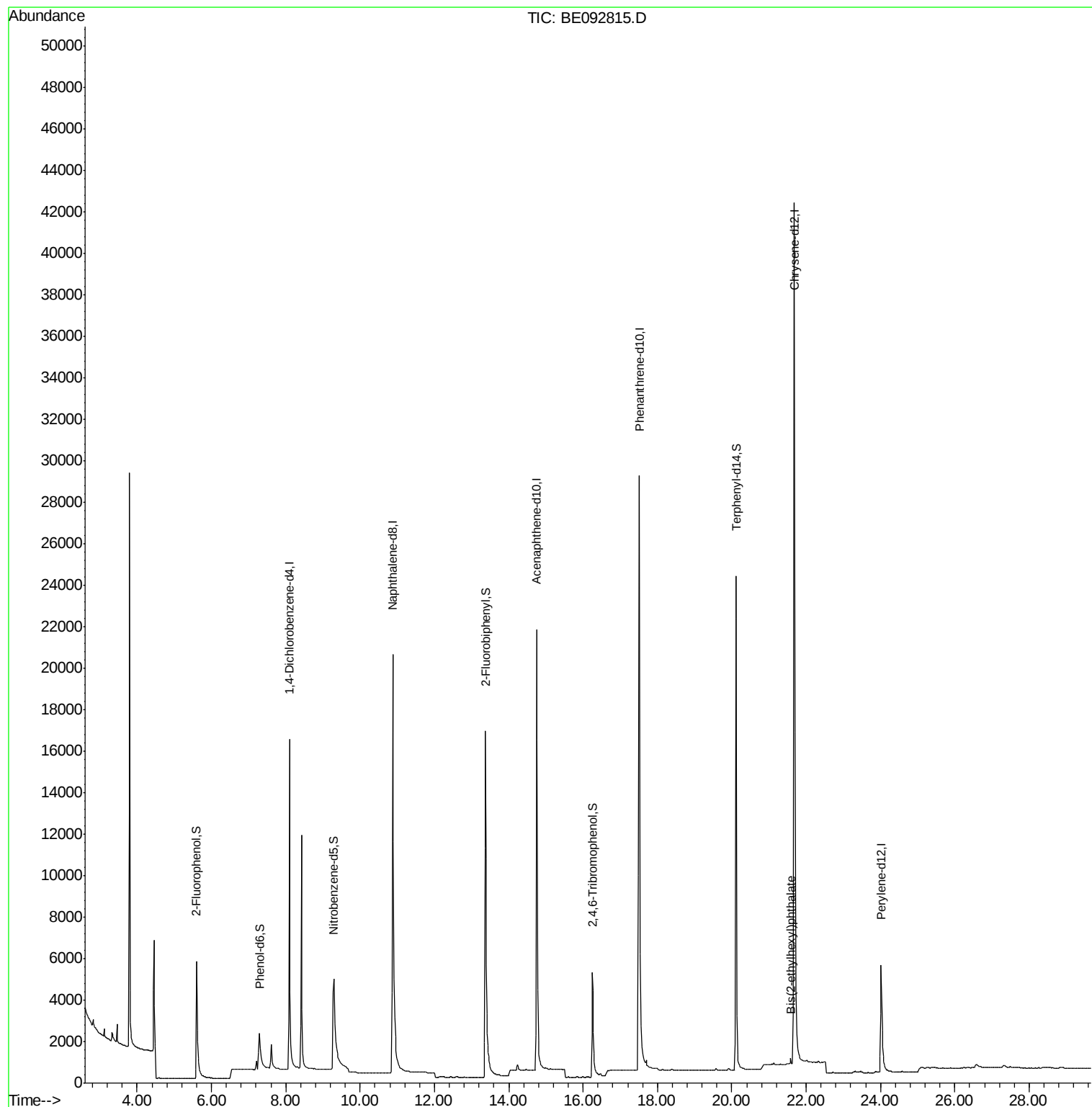
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10311	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	42511	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	17922	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	54873	5.00	ng	0.00
24) Chrysene-d12	21.68	240	62894	5.00	ng	-0.02
31) Perylene-d12	24.02	264	10191	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	7138	3.27	ng	-0.03
5) Phenol-d6	7.29	99	4182	1.61	ng	-0.02
8) Nitrobenzene-d5	9.29	82	10294	3.96	ng	-0.02
13) 2,4,6-Tribromophenol	16.25	330	5227	11.09	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	26076	6.17	ng	-0.02
26) Terphenyl-d14	20.12	244	42601	5.61	ng	-0.02
Target Compounds						
29) Bis(2-ethylhexyl)phthalate	21.59	149	549	0.08	ng	Qvalue # 82

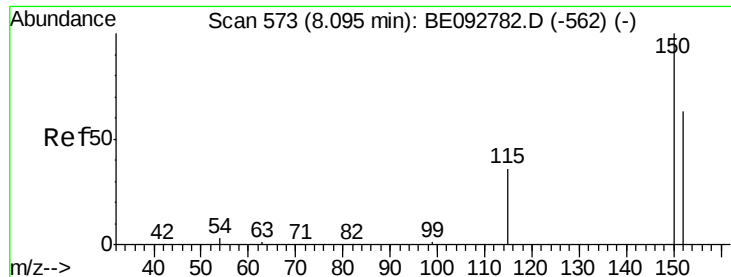
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170307

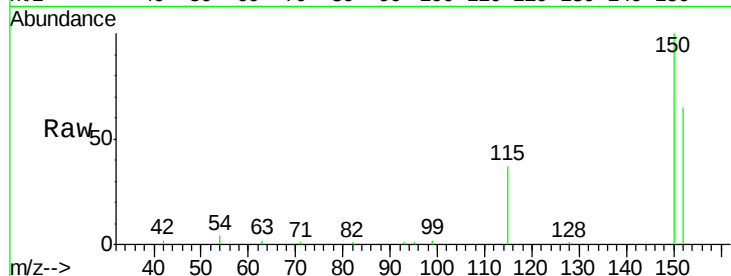
Tgt Ion:152 Resp: 10311

Ion Ratio Lower Upper

152 100

150 153.6 106.0 159.0

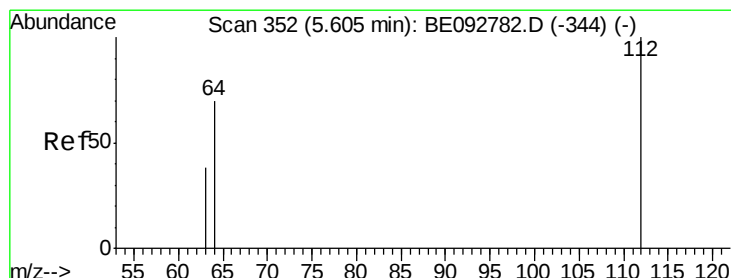
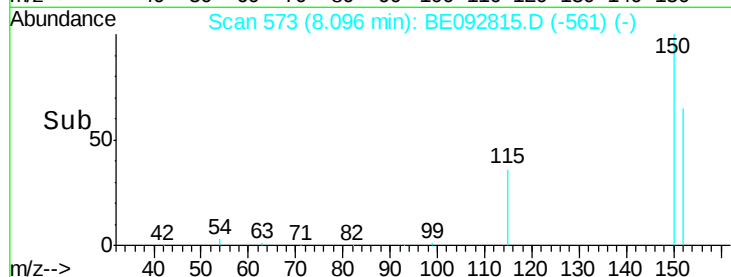
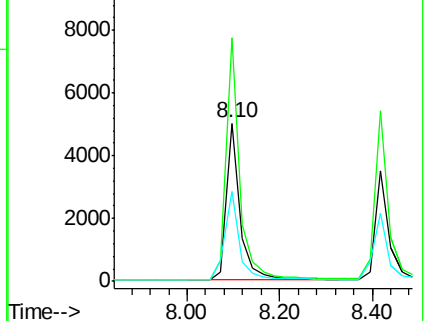
115 56.6 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 3.27 ng

RT: 5.60 min Scan# 352

Delta R.T. -0.03 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

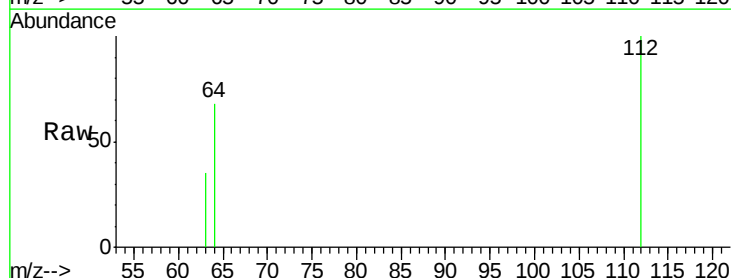
Tgt Ion:112 Resp: 7138

Ion Ratio Lower Upper

112 100

64 68.3 53.5 80.3

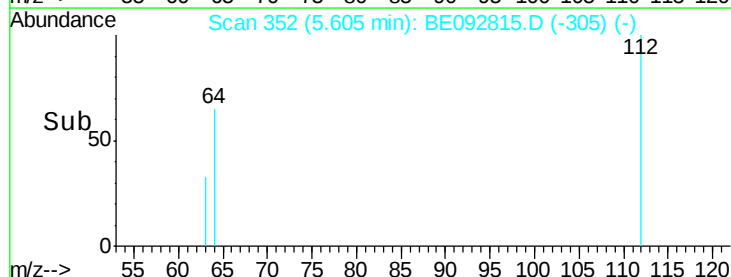
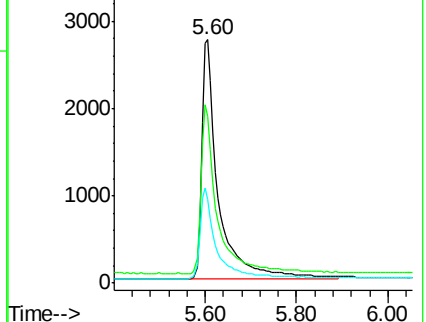
63 37.2 27.9 41.9

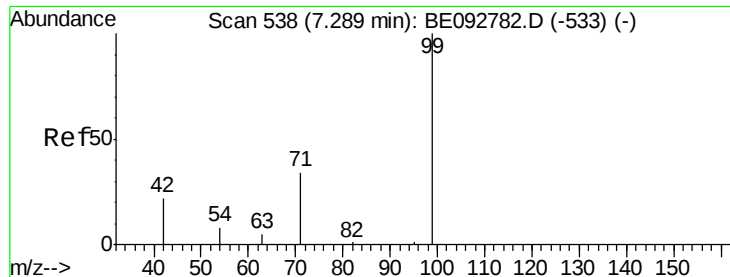


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.61 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Instrument :

BNA_E

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OUTFALL001-170307

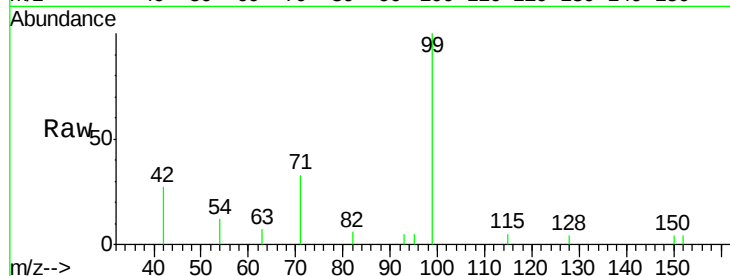
Tgt Ion: 99 Resp: 4182

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

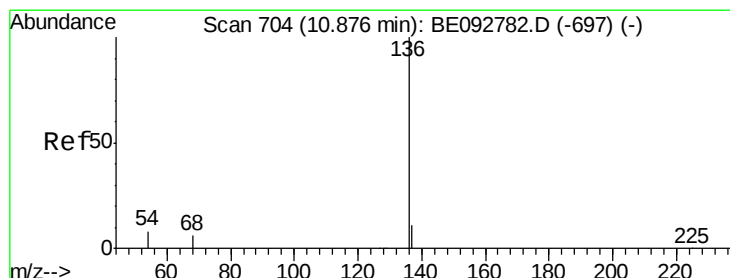
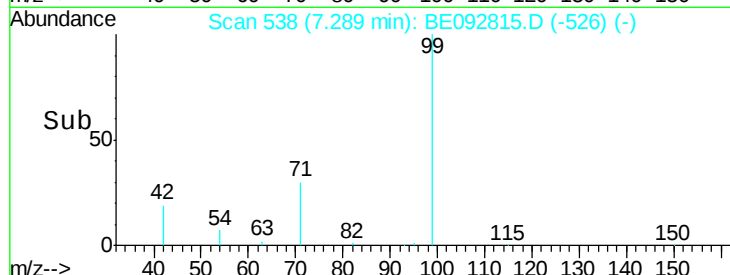
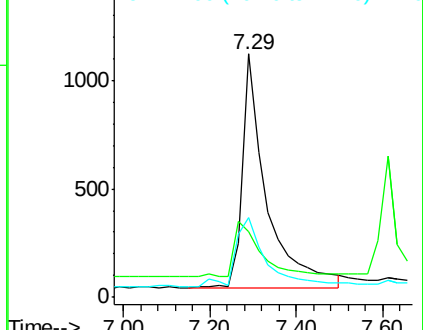
71 37.9 30.6 45.8



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: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Tgt Ion: 136 Resp: 42511

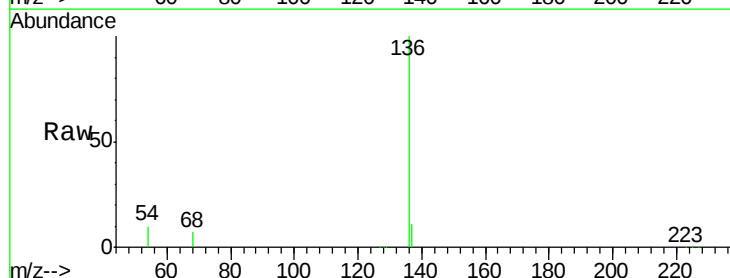
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 10.2 9.6 14.4

68 7.1 6.7 10.1

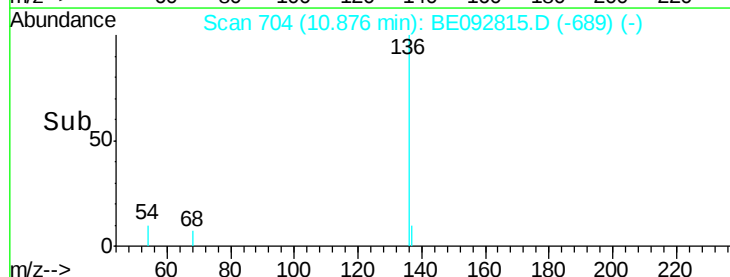
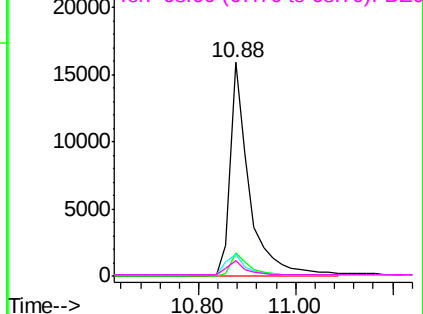


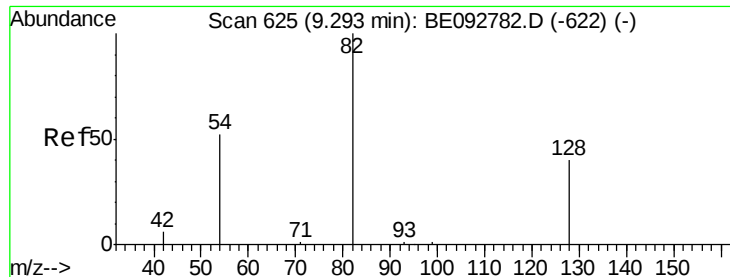
Abundance Ion 136.00 (135.70 to 136.70): E

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

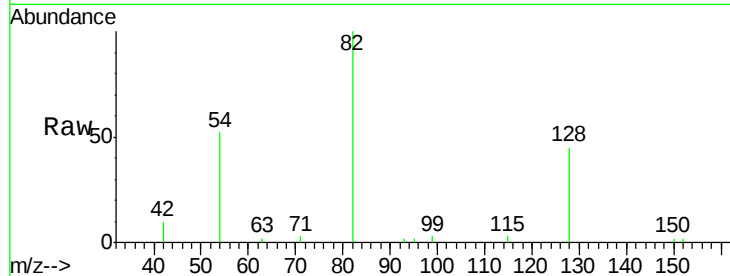




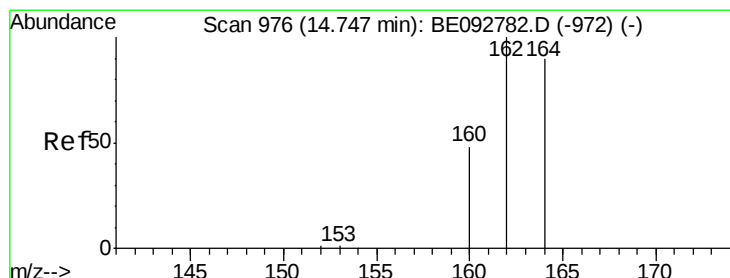
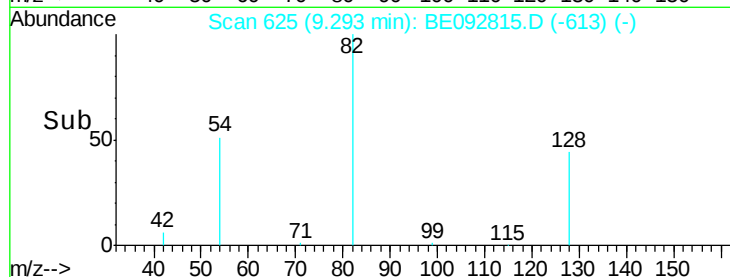
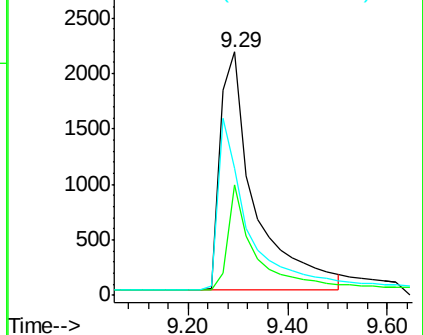
#8
 Nitrobenzene-d5
 Concen: 3.96 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BE092815.D
 Acq: 10 Mar 2017 19:51

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170307

Tgt Ion: 82 Resp: 10294
 Ion Ratio Lower Upper
 82 100
 128 45.3 39.0 58.4
 54 52.1 44.8 67.2

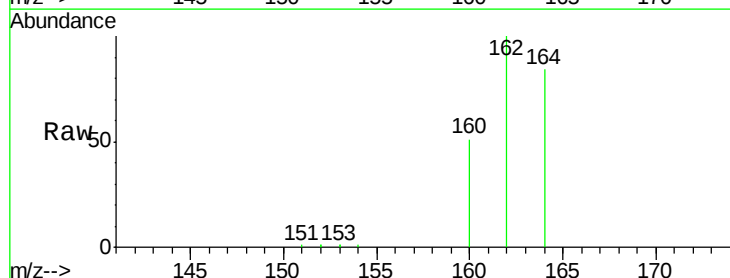


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

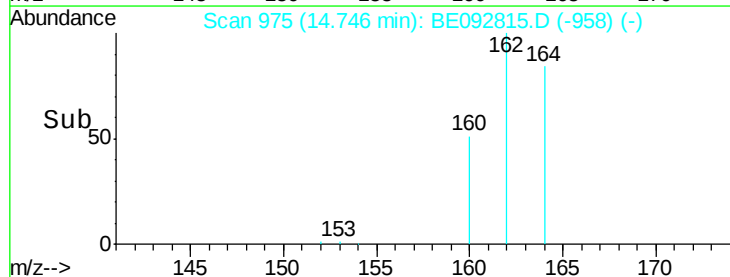
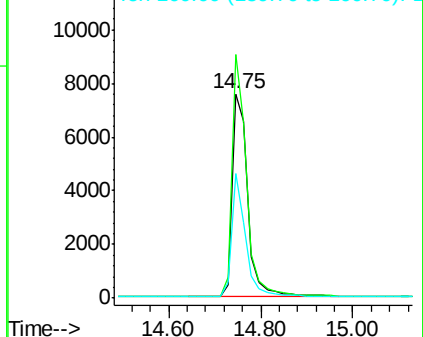


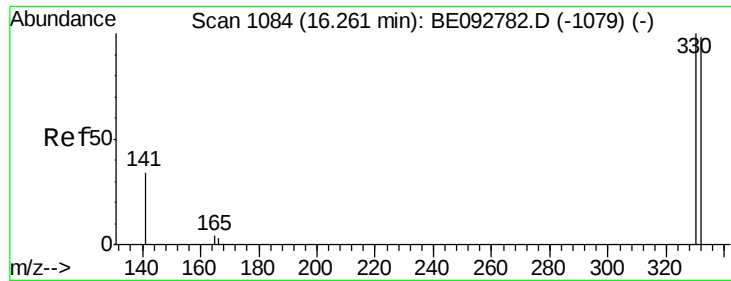
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.75 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: BE092815.D
 Acq: 10 Mar 2017 19:51

Tgt Ion: 164 Resp: 17922
 Ion Ratio Lower Upper
 164 100
 162 119.4 71.4 107.0#
 160 61.1 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

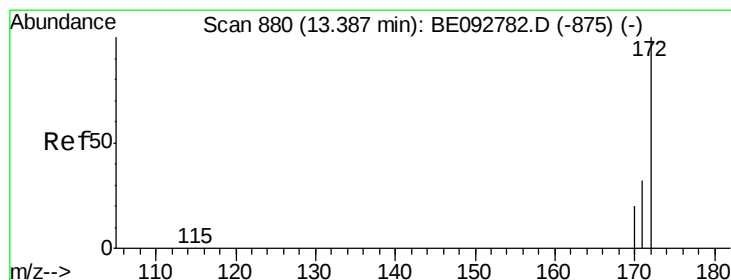
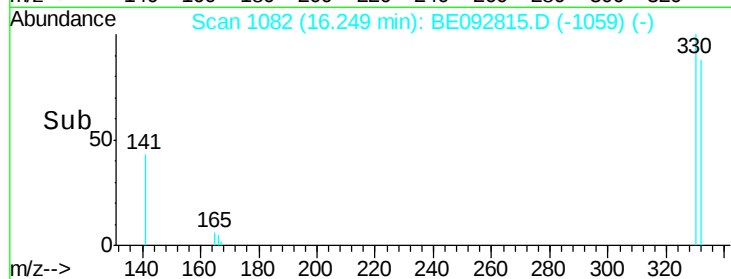
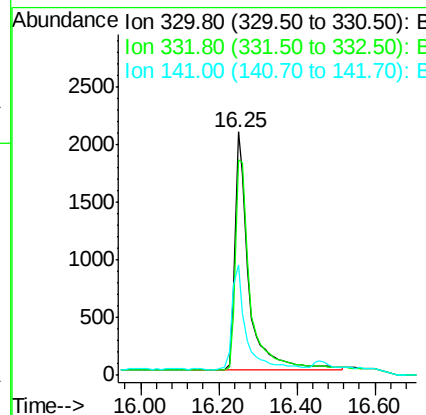
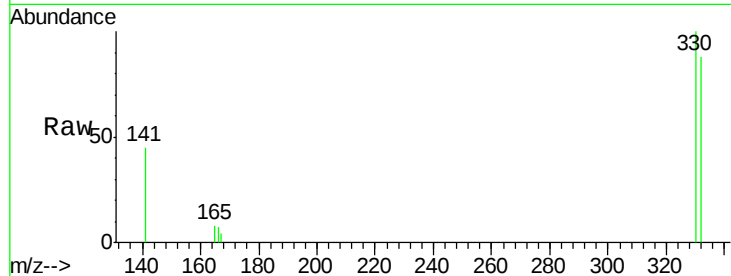




#13
 2,4,6-Tribromophenol
 Concen: 11.09 ng
 RT: 16.25 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BE092815.D
 Acq: 10 Mar 2017 19:51

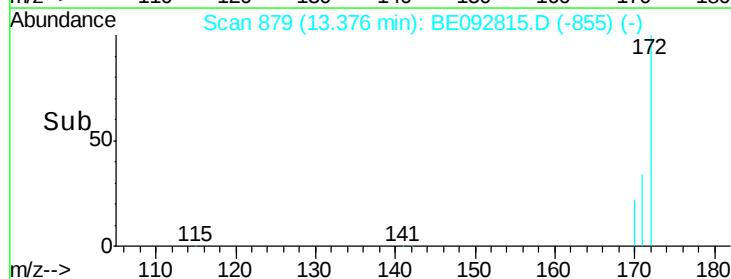
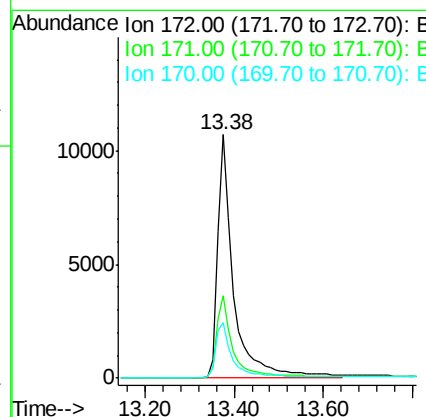
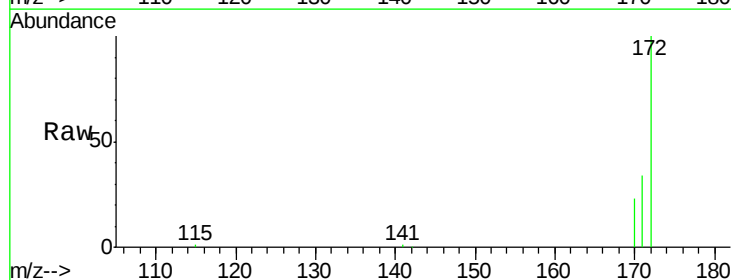
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170307

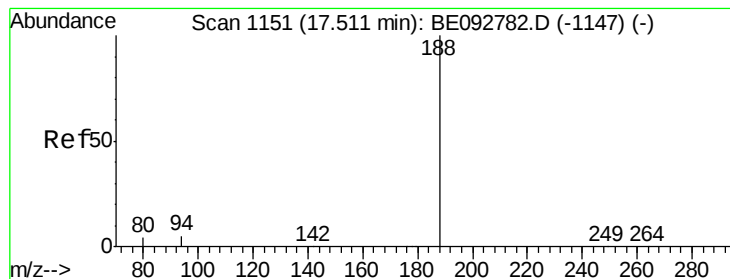
Tgt Ion: 330 Resp: 5227
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 43.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 6.17 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092815.D
 Acq: 10 Mar 2017 19:51

Tgt Ion: 172 Resp: 26076
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 22.6 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170307

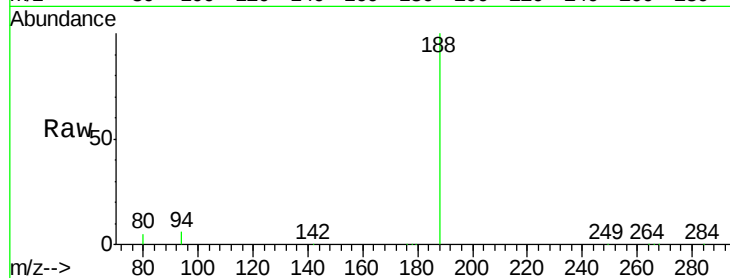
Tgt Ion:188 Resp: 54873

Ion Ratio Lower Upper

188 100

94 5.7 3.2 4.8#

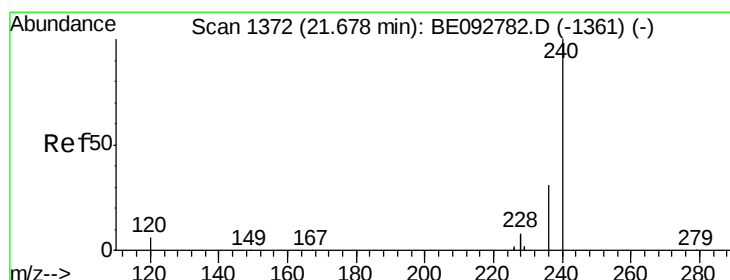
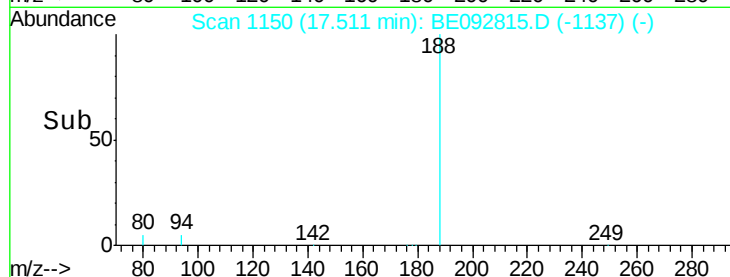
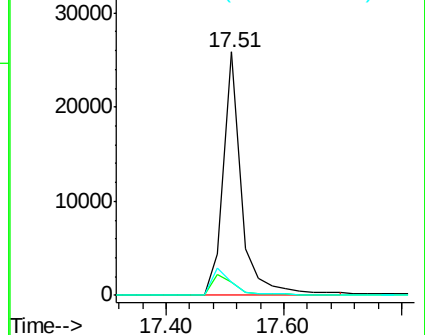
80 5.5 2.6 3.8#



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: 21.68 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

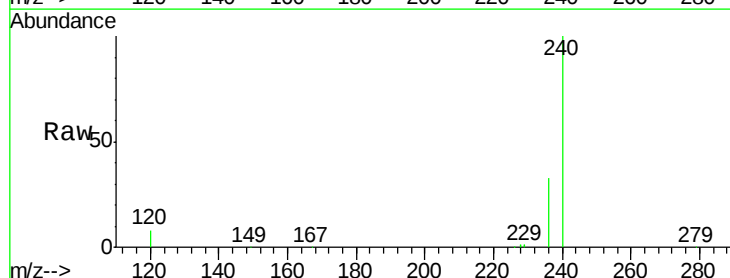
Tgt Ion:240 Resp: 62894

Ion Ratio Lower Upper

240 100

120 8.4 2.6 4.0#

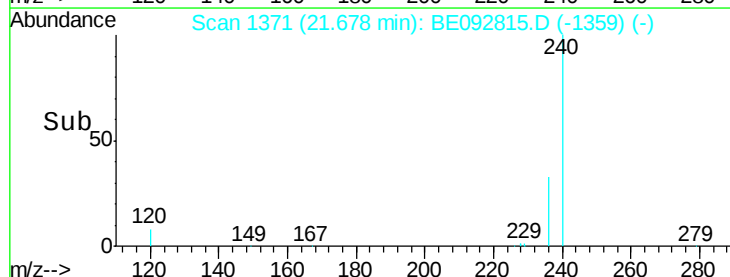
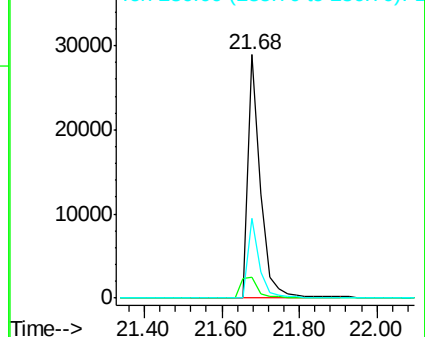
236 32.7 24.6 37.0

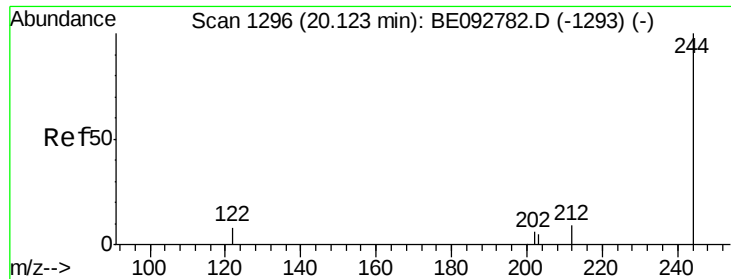


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 5.61 ng

RT: 20.12 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170307

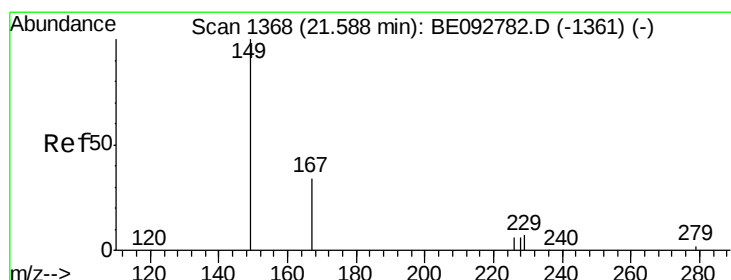
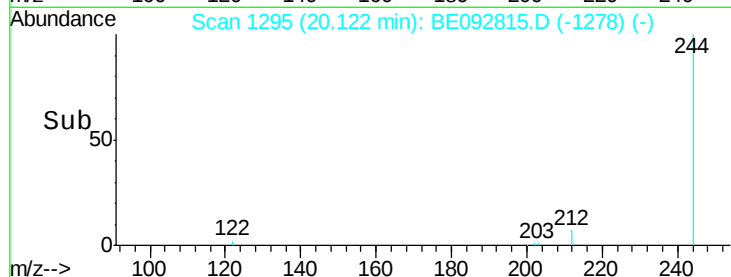
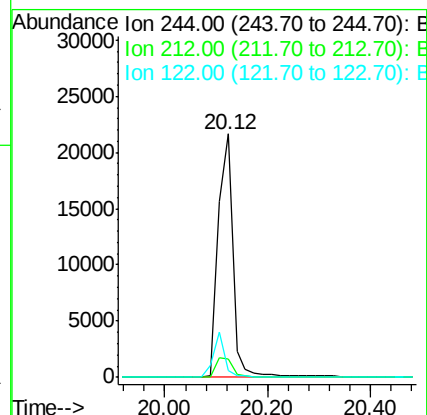
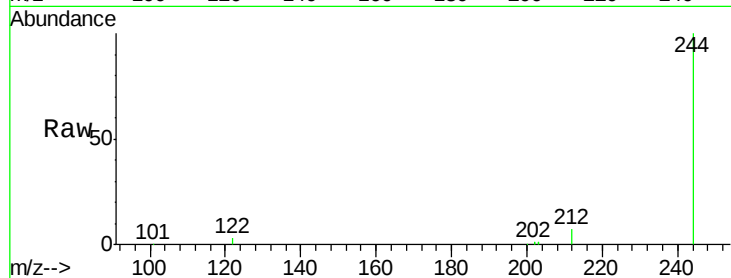
Tgt Ion: 244 Resp: 42601

Ion Ratio Lower Upper

244 100

212 7.3 6.7 10.1

122 2.6 3.6 5.4#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 21.59 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

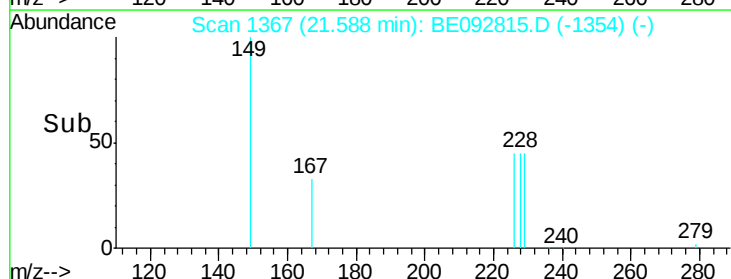
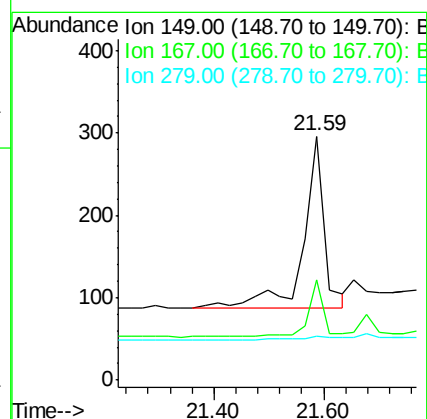
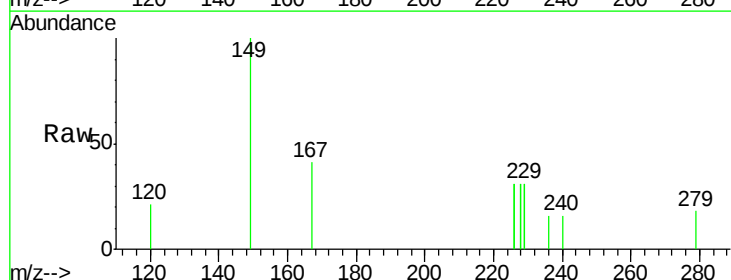
Tgt Ion: 149 Resp: 549

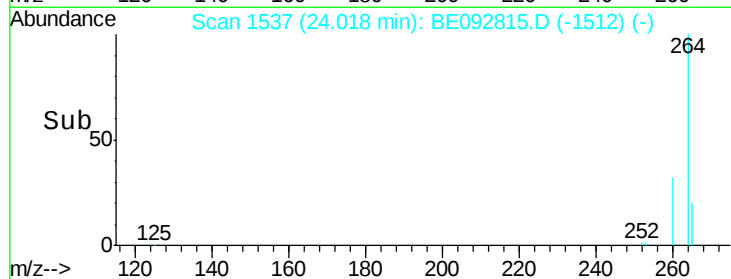
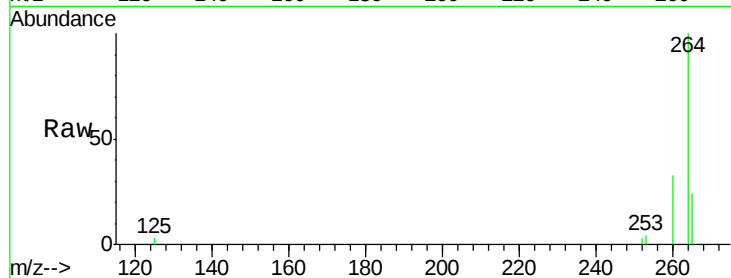
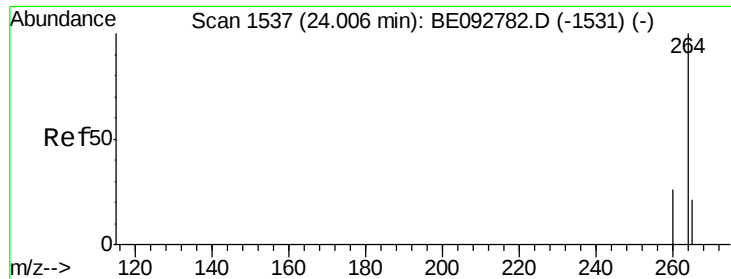
Ion Ratio Lower Upper

149 100

167 23.0 16.0 24.0

279 6.2 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.02 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BE092815.D

Acq: 10 Mar 2017 19:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170307

Tgt Ion: 264 Resp: 10191

Ion Ratio Lower Upper

264 100

260 32.5 20.1 30.1#

265 24.4 17.9 26.9

