

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092031.D
 Acq On : 23 Jul 2016 7:00
 Operator : UM/SJ
 Sample : H4135-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-1600719

Quant Time: Jul 25 02:09:21 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

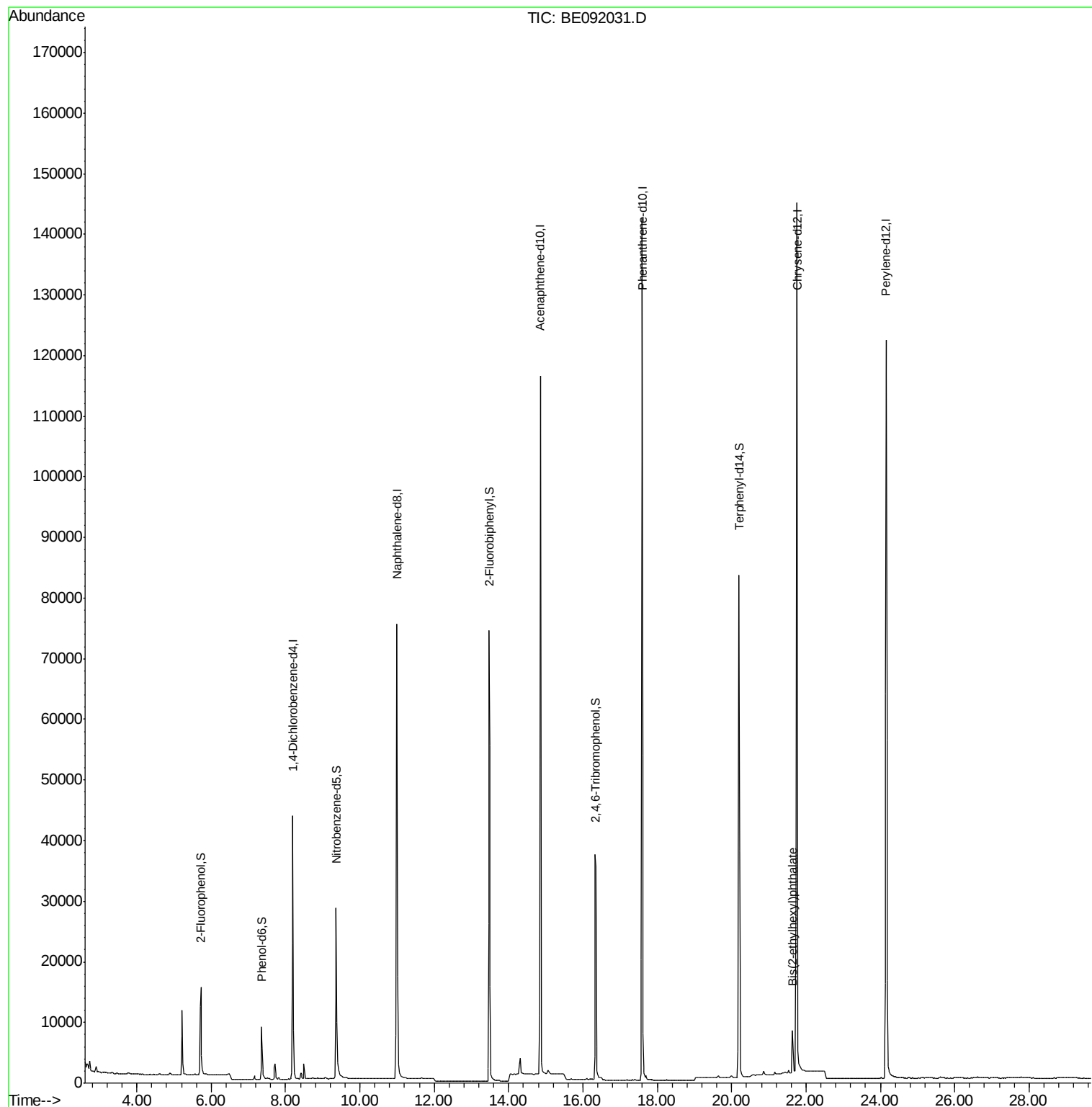
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24363	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	121821	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	77608	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	189344	5.00	ng	0.00
31) Chrysene-d12	21.76	240	215323	5.00	ng	0.00
40) Perylene-d12	24.15	264	191911	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	15457	3.27	ng	0.00
5) Phenol-d6	7.35	99	12128	1.54	ng	-0.02
9) Nitrobenzene-d5	9.36	82	29846	4.07	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	22251	8.26	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	80557	3.95	ng	-0.01
34) Terphenyl-d14	20.20	244	136103	6.29	ng	-0.02
Target Compounds						
38) Bis(2-ethylhexyl)phthalate	21.64	149	12021	0.35	ng	Qvalue # 100

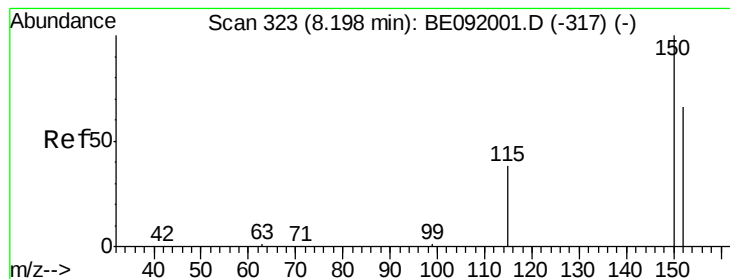
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE092031.D

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Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

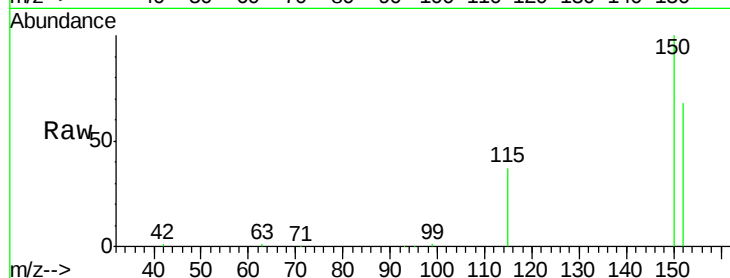
Tgt Ion:152 Resp: 24363

Ion Ratio Lower Upper

152 100

150 147.3 123.9 185.9

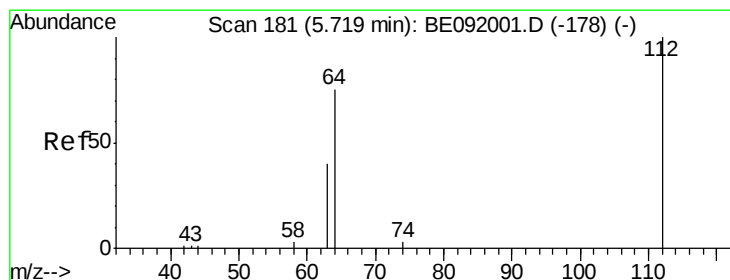
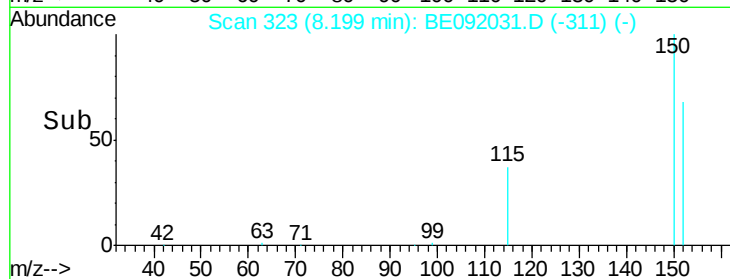
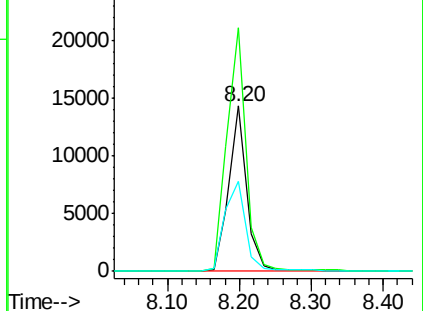
115 54.3 48.3 72.5



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: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

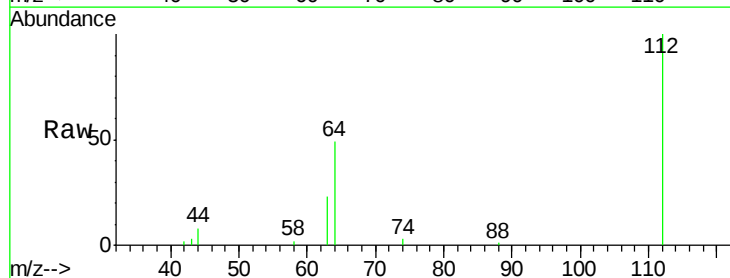
Tgt Ion:112 Resp: 15457

Ion Ratio Lower Upper

112 100

64 67.7 53.7 80.5

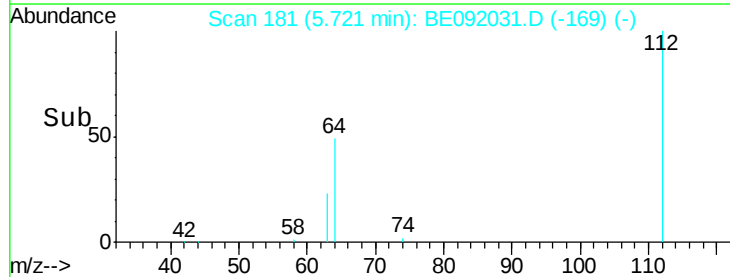
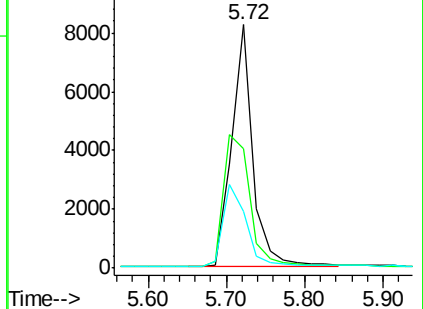
63 37.0 29.5 44.3

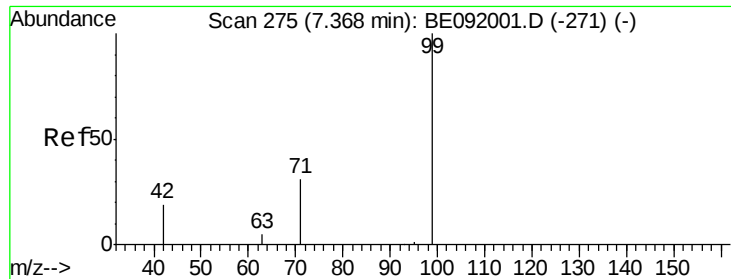


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.54 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

Instrument :

BNA_E

ClientSampleId :

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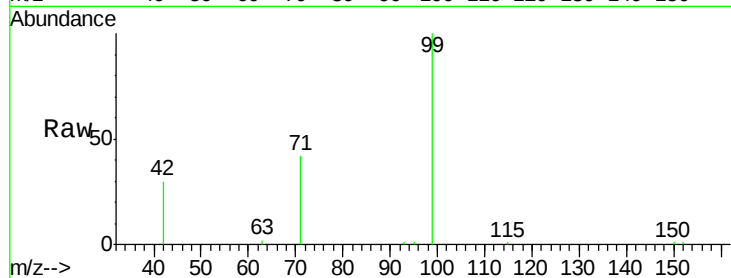
Tgt Ion: 99 Resp: 12128

Ion Ratio Lower Upper

99 100

42 26.2 19.6 29.4

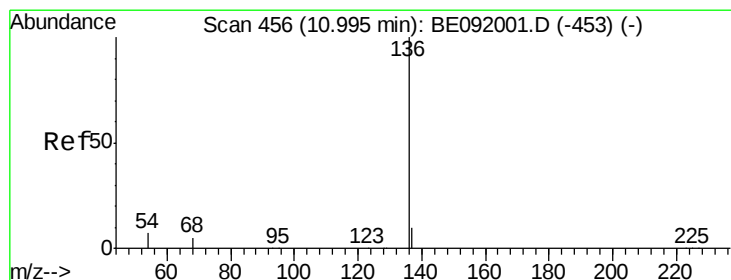
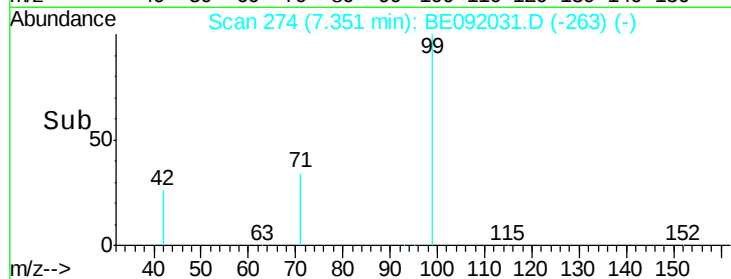
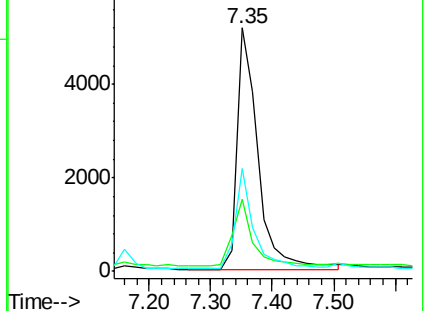
71 37.3 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

Tgt Ion: 136 Resp: 121821

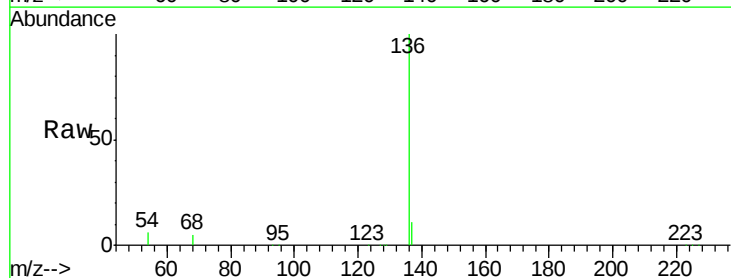
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.4 8.2 12.4#

68 4.8 5.9 8.9#

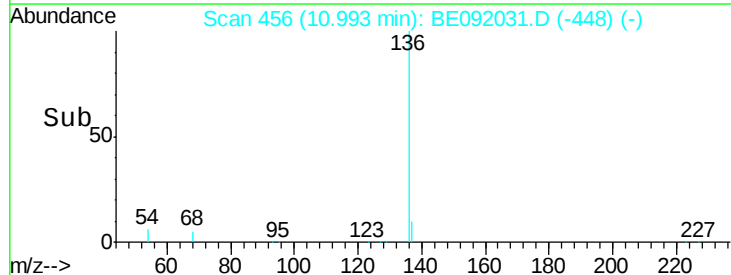
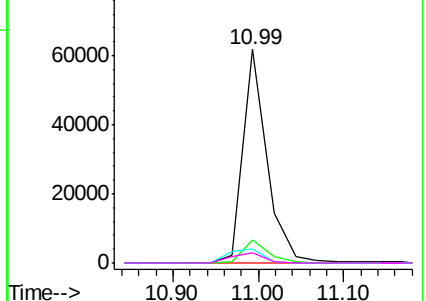


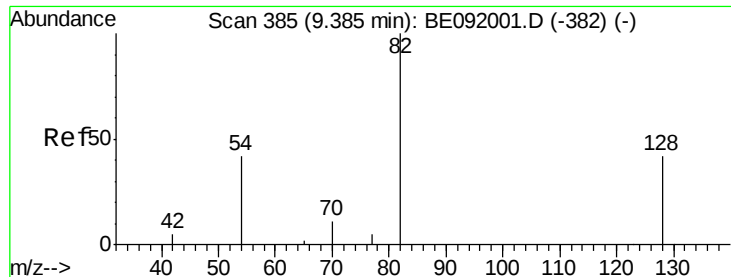
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 4.07 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

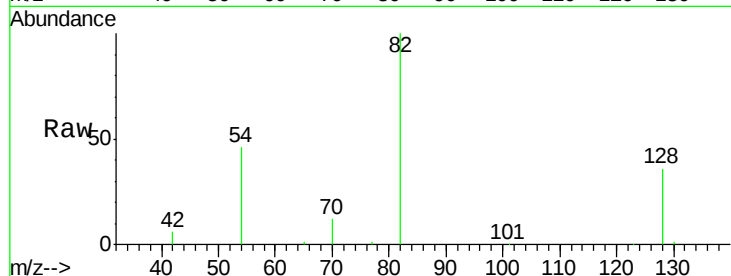
Tgt Ion: 82 Resp: 29846

Ion Ratio Lower Upper

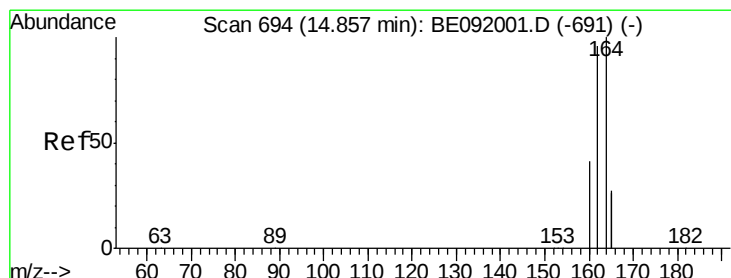
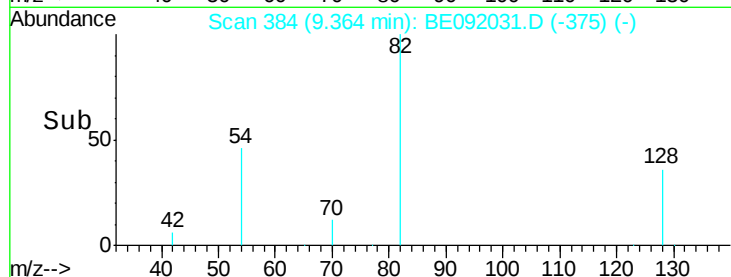
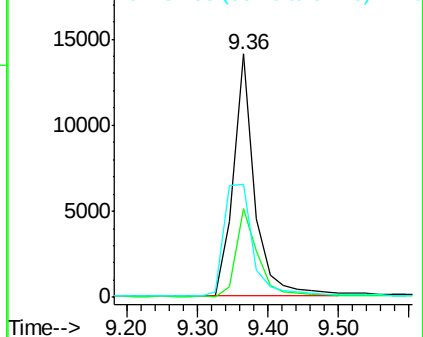
82 100

128 36.4 39.5 59.3#

54 46.3 30.3 45.5#



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



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

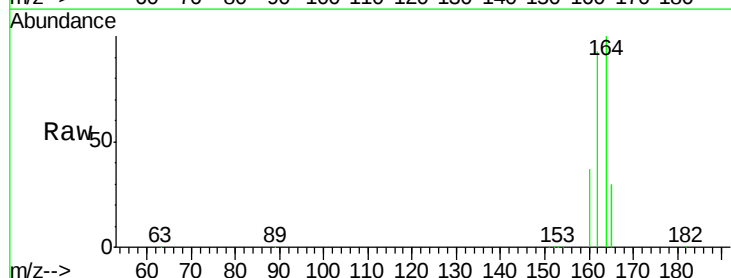
Tgt Ion: 164 Resp: 77608

Ion Ratio Lower Upper

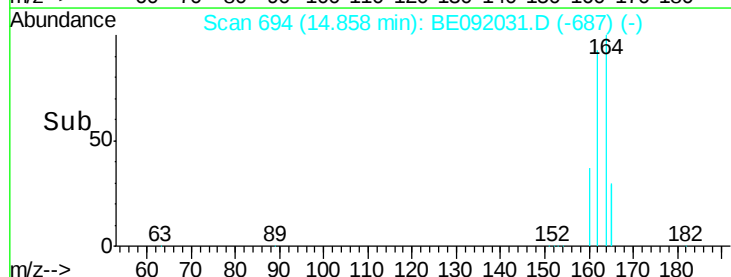
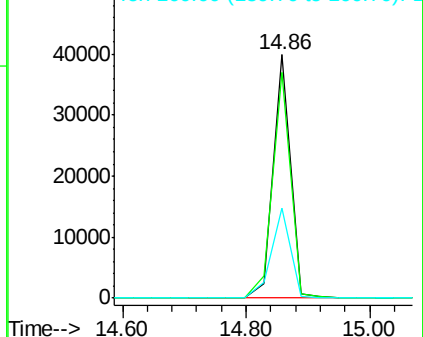
164 100

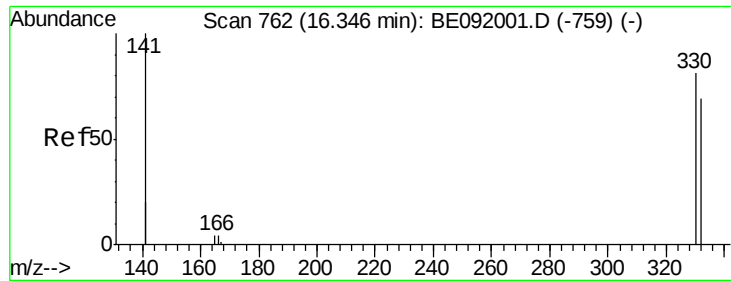
162 92.5 71.8 107.8

160 37.2 28.0 42.0



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

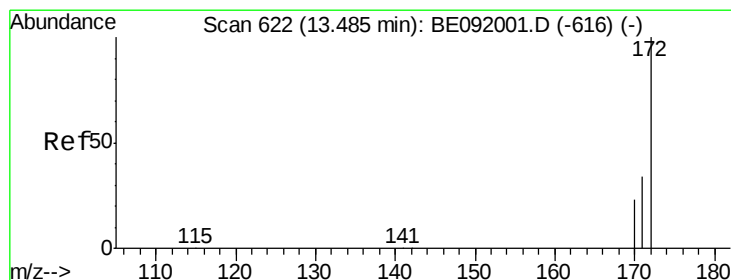
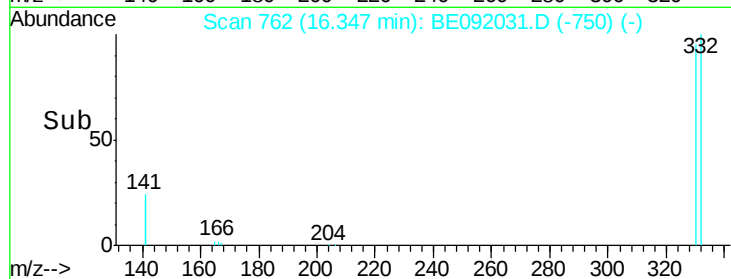
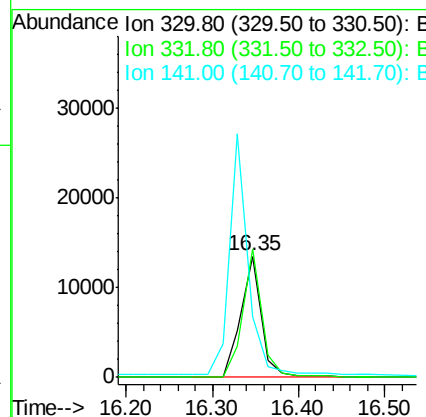
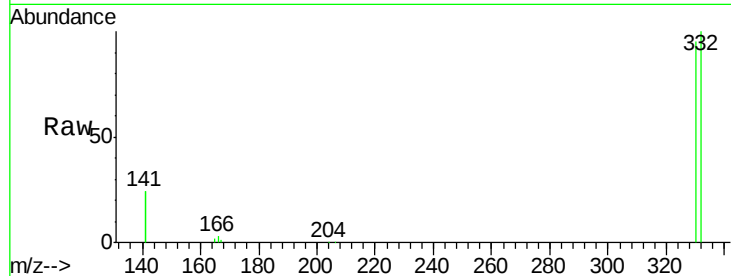




#16
 2,4,6-Tribromophenol
 Concen: 8.26 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092031.D
 Acq: 23 Jul 2016 7:00

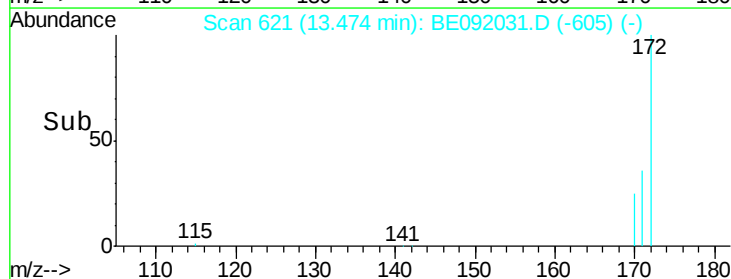
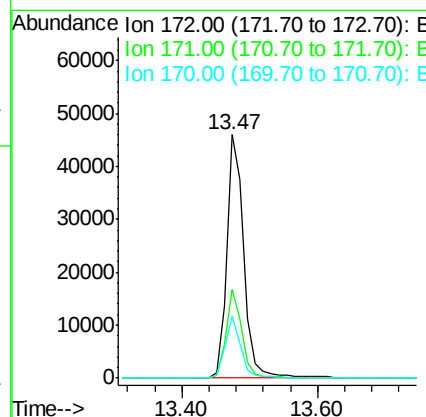
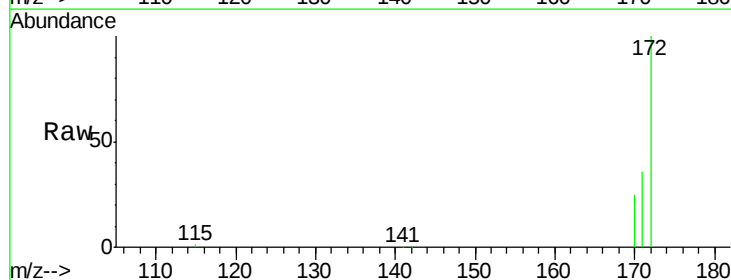
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-1600719

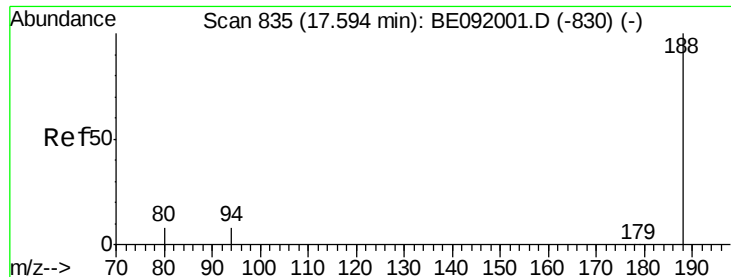
Tgt Ion:330 Resp: 22251
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 181.9 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 3.95 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092031.D
 Acq: 23 Jul 2016 7:00

Tgt Ion:172 Resp: 80557
 Ion Ratio Lower Upper
 172 100
 171 36.3 24.3 36.5
 170 25.1 14.9 22.3#

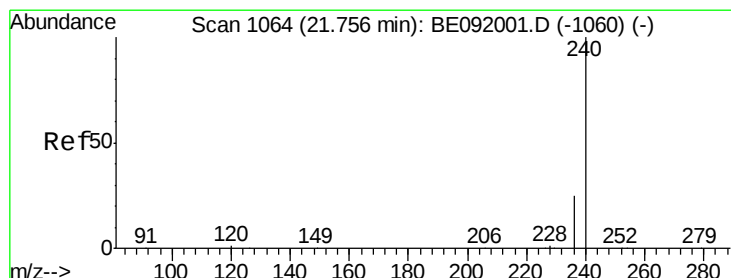
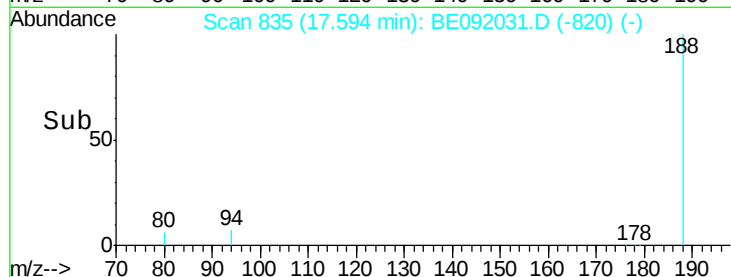
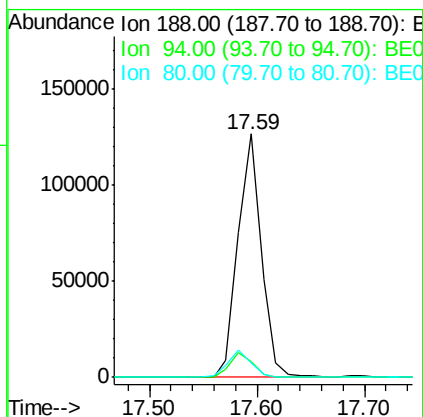
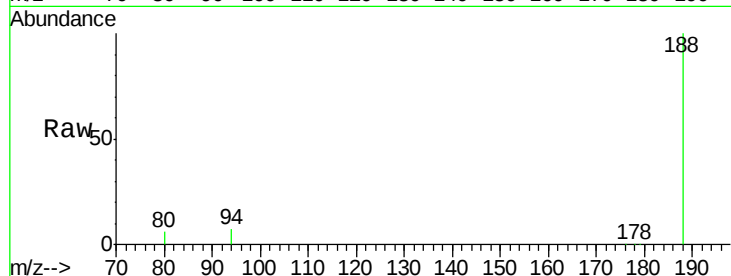




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092031.D
Acq: 23 Jul 2016 7:00

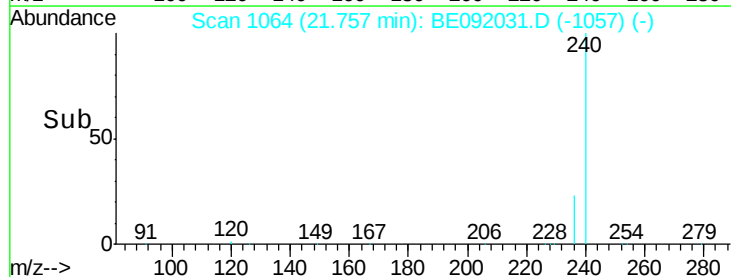
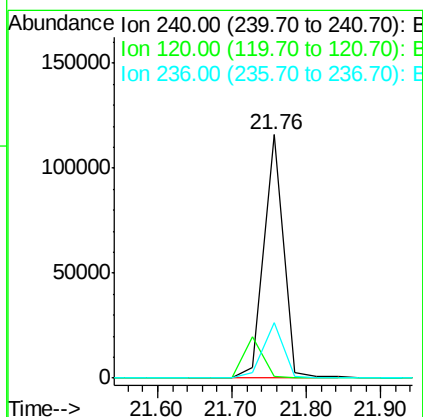
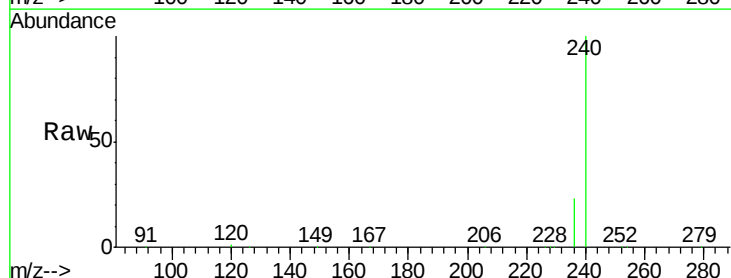
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-1600719

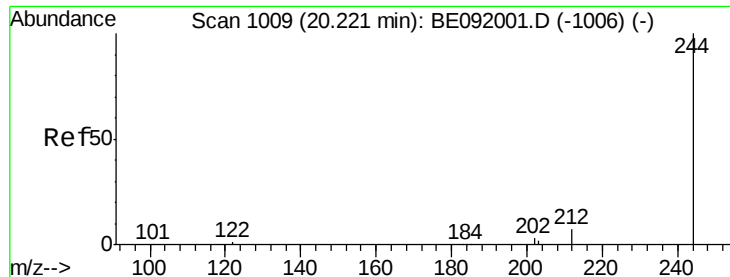
Tgt Ion:188 Resp: 189344
Ion Ratio Lower Upper
188 100
94 6.6 4.1 6.1#
80 5.9 3.4 5.2#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092031.D
Acq: 23 Jul 2016 7:00

Tgt Ion:240 Resp: 215323
Ion Ratio Lower Upper
240 100
120 0.7 1.2 1.8#
236 22.7 19.8 29.8





#34

Terphenyl-d14

Concen: 6.29 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

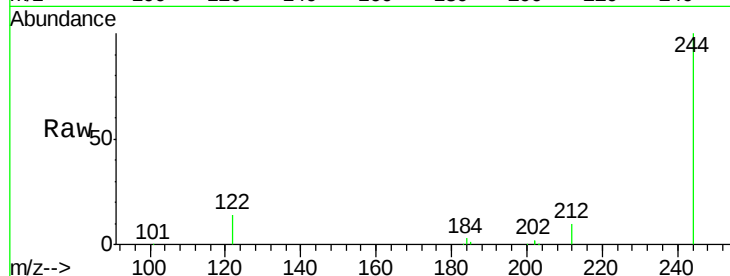
Tgt Ion:244 Resp: 136103

Ion Ratio Lower Upper

244 100

212 10.4 6.5 9.7#

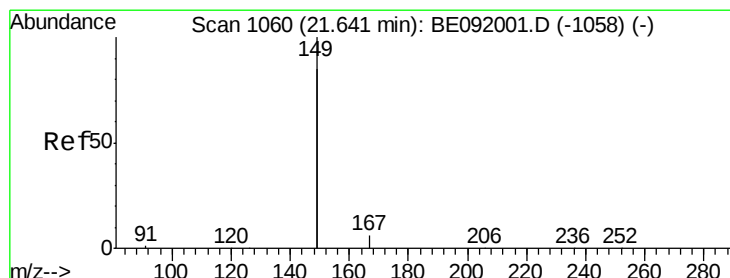
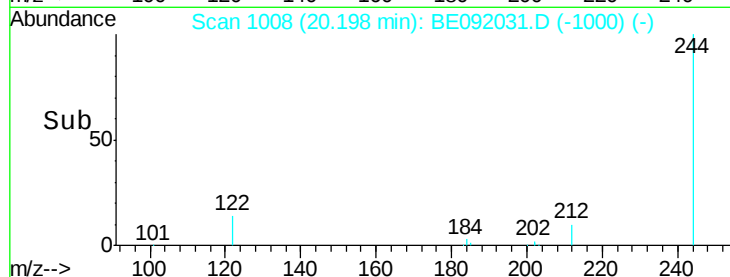
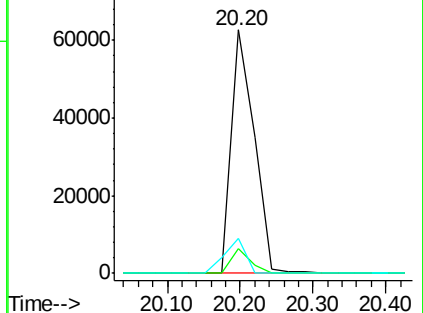
122 14.4 2.9 4.3#



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

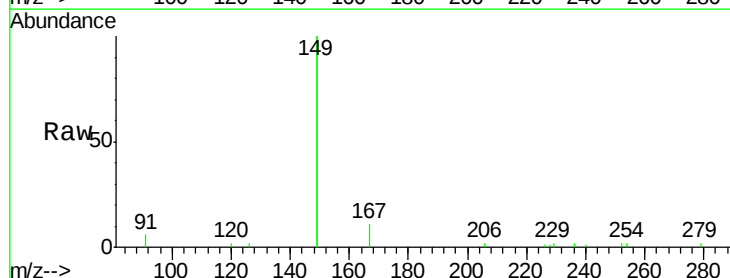
Tgt Ion:149 Resp: 12021

Ion Ratio Lower Upper

149 100

167 4.8 0.0 0.0#

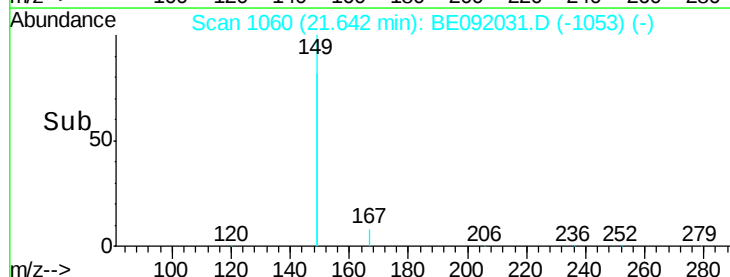
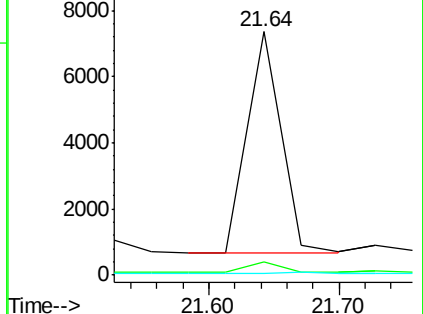
279 0.0 0.0 0.0

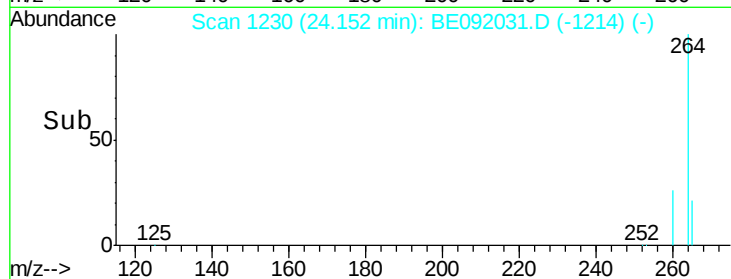
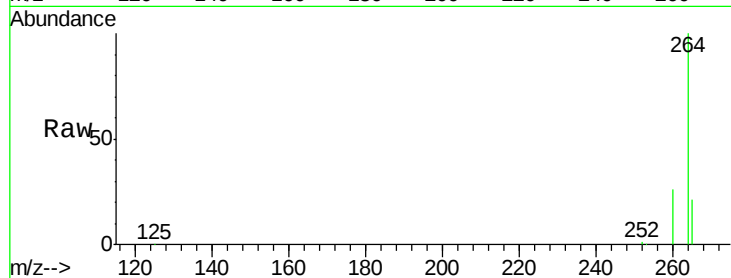
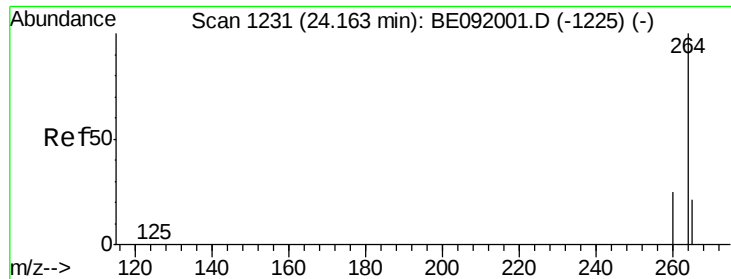


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE092031.D

Acq: 23 Jul 2016 7:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-1600719

Tgt Ion: 264 Resp: 191911

Ion Ratio Lower Upper

264 100

260 26.2 20.3 30.5

265 20.9 17.6 26.4

