

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042117\
 Data File : BE092910.D
 Acq On : 21 Apr 2017 15:54
 Operator : SJ/MA
 Sample : I2764-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170418

Quant Time: Apr 22 05:58:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

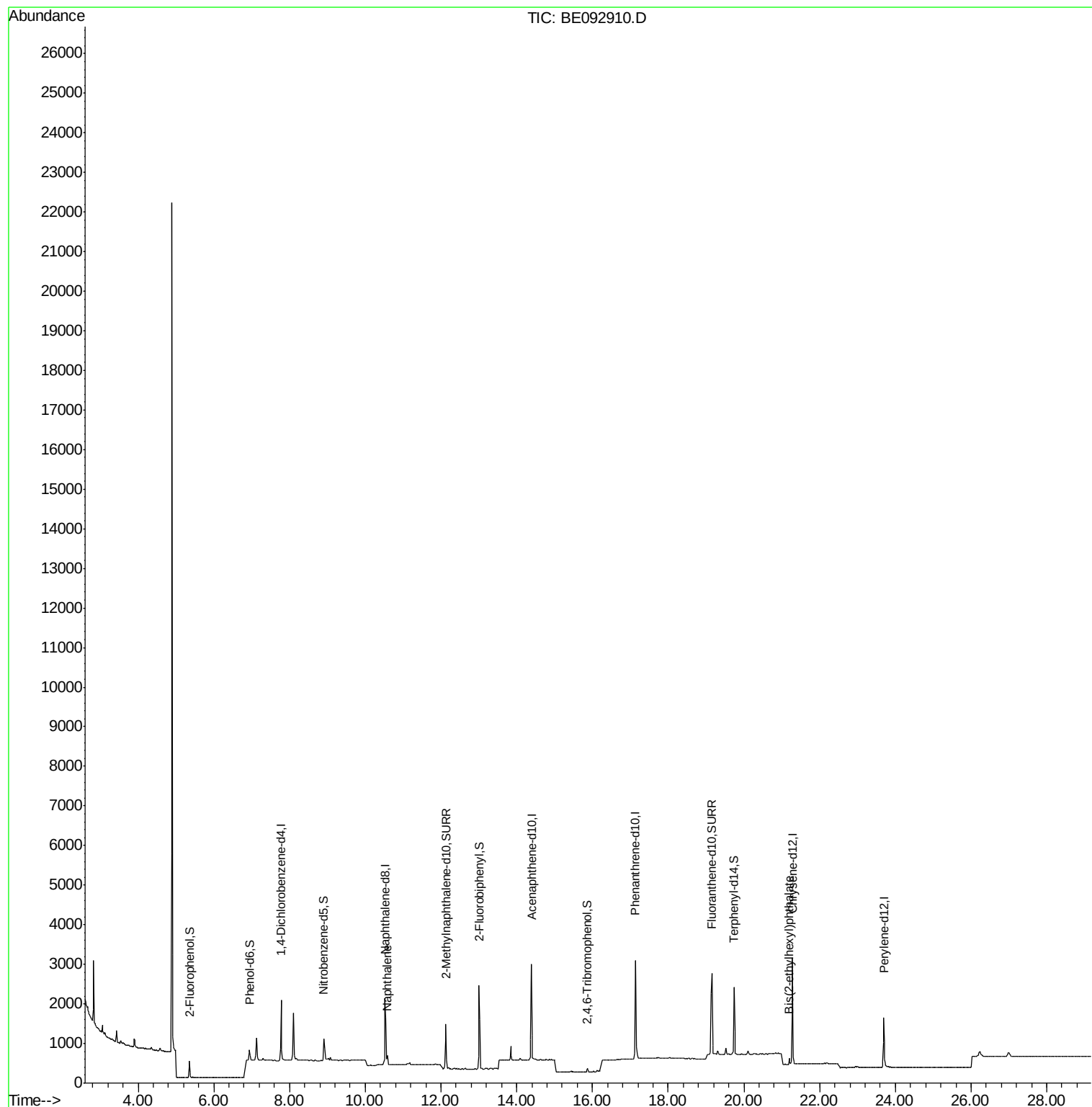
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	695	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2736	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1409	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3299	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3204	0.40	ng	0.00
33) Perylene-d12	23.69	264	2155	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	302	0.20	ng	0.00
5) Phenol-d6	6.95	99	275	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	616	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1637	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	69	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2038	0.31	ng	0.00
24) Fluoranthene-d10	19.15	212	3592	0.45	ng	0.00
28) Terphenyl-d14	19.73	244	2194	0.39	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.58	128	354	0.05	ng	# 82
31) Bis(2-ethylhexyl)phthalate	21.20	149	208	0.11	ng	# 92

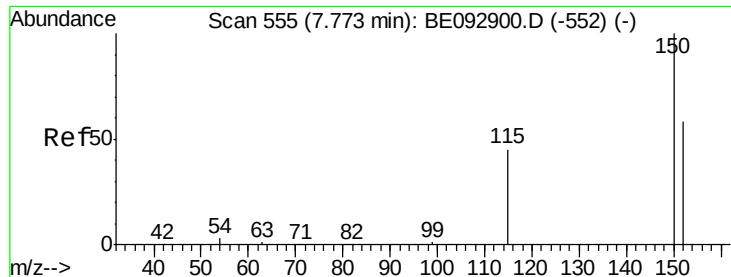
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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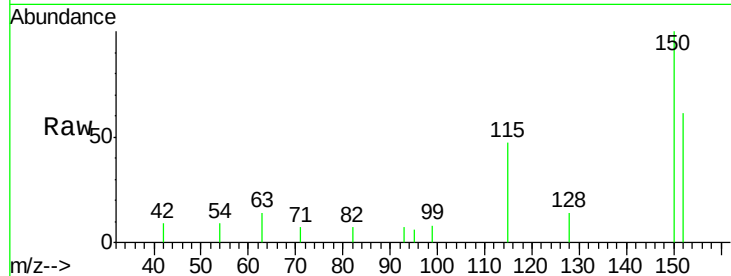


#1

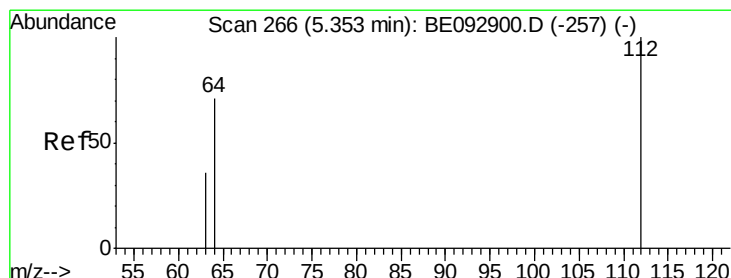
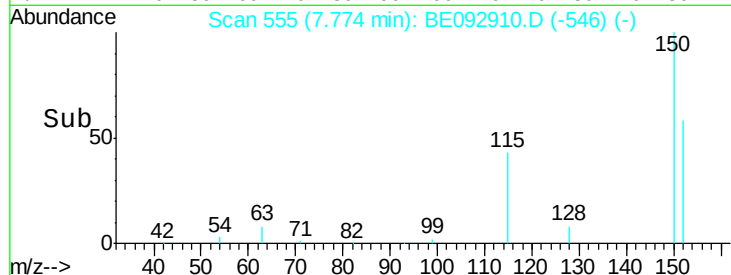
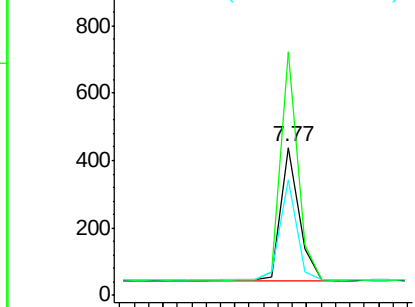
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092910.D
Acq: 21 Apr 2017 15:54

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170418

Tgt Ion:152 Resp: 695
Ion Ratio Lower Upper
152 100
150 165.1 129.9 194.9
115 78.1 62.6 93.8



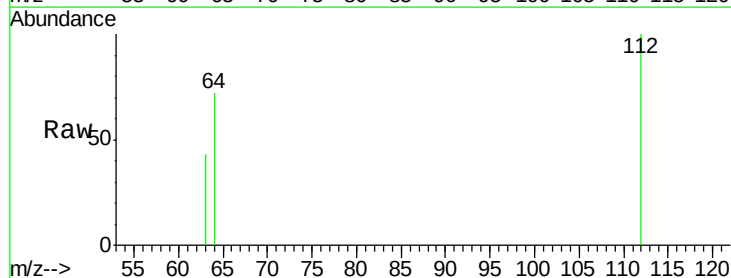
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



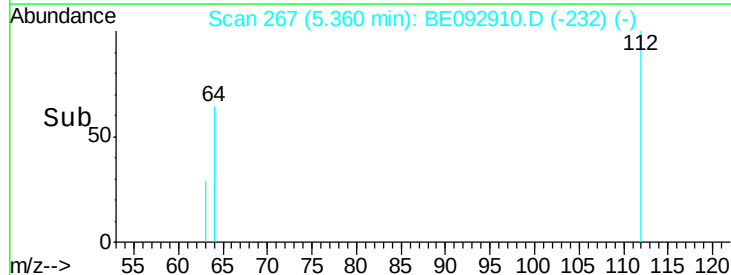
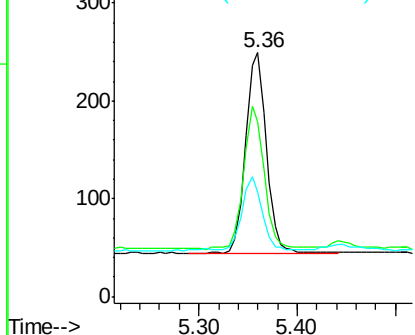
#4

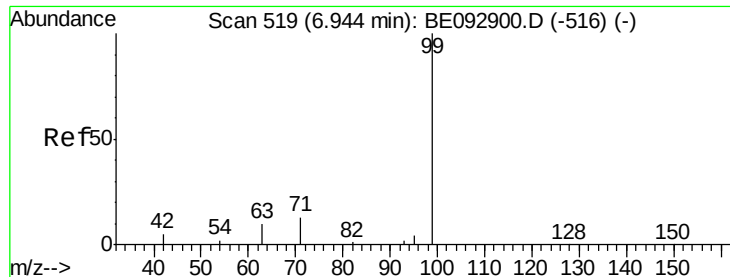
2-Fluorophenol
Concen: 0.20 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092910.D
Acq: 21 Apr 2017 15:54

Tgt Ion:112 Resp: 302
Ion Ratio Lower Upper
112 100
64 70.2 52.6 79.0
63 35.1 29.0 43.4



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: 0.13 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170418

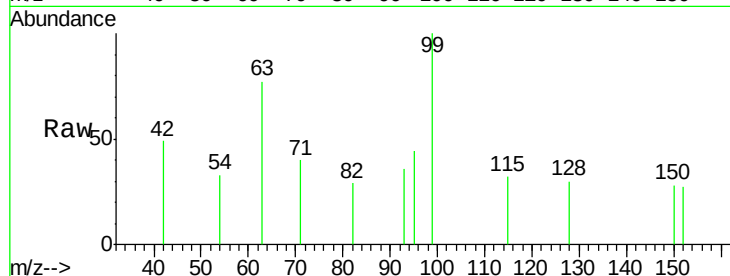
Tgt Ion: 99 Resp: 275

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

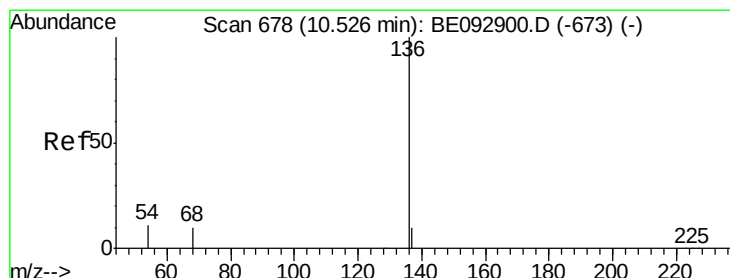
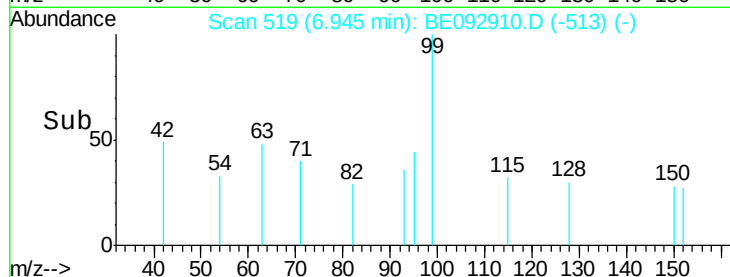
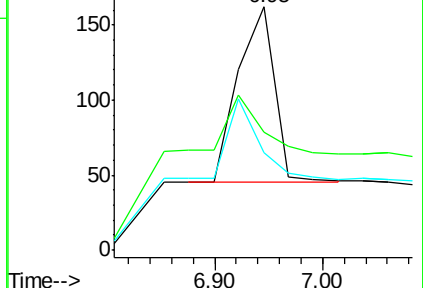
71 0.0 0.0 0.0



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: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Tgt Ion: 136 Resp: 2736

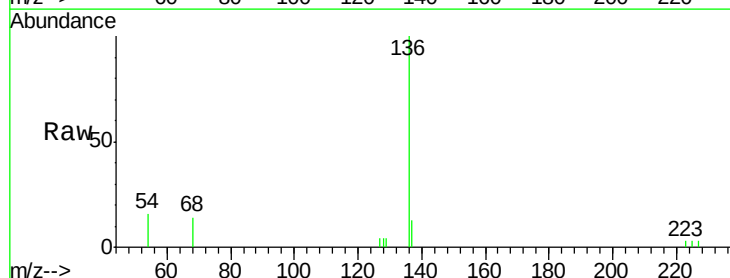
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 16.4 12.6 18.8

68 13.6 10.7 16.1

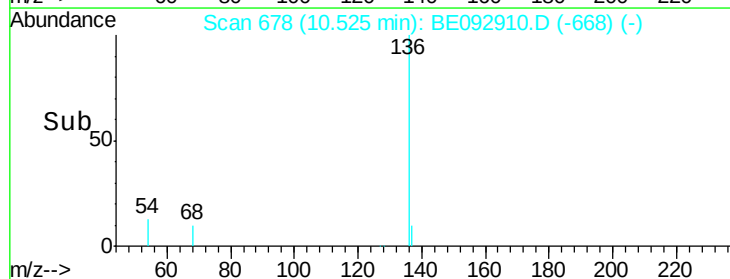
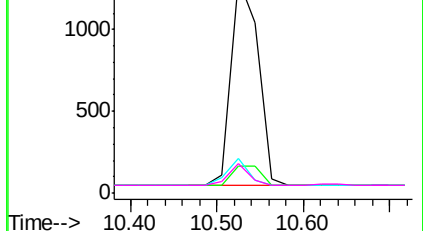


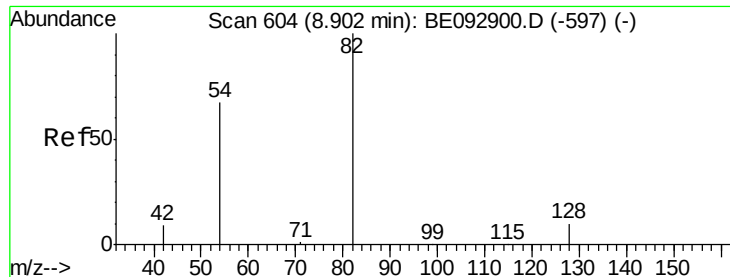
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170418

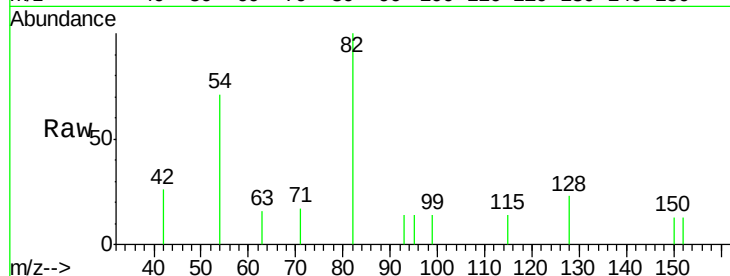
Tgt Ion: 82 Resp: 616

Ion Ratio Lower Upper

82 100

128 23.0 35.3 52.9#

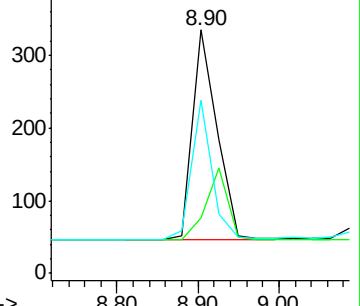
54 71.0 65.1 97.7



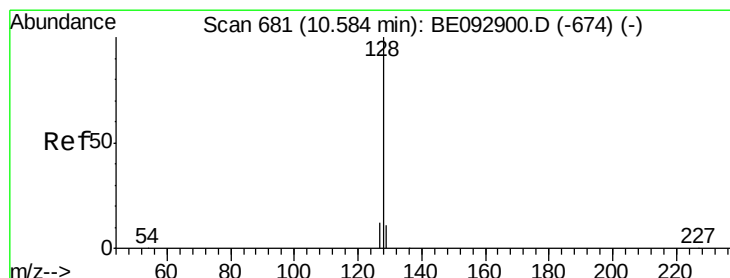
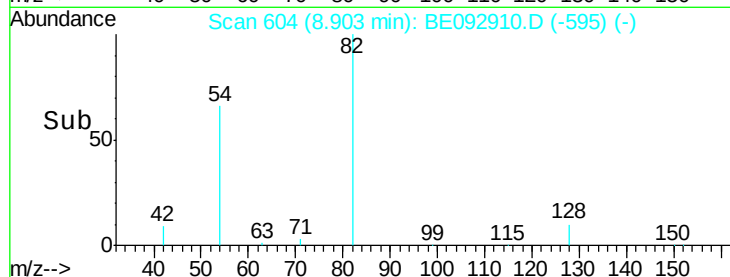
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.05 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

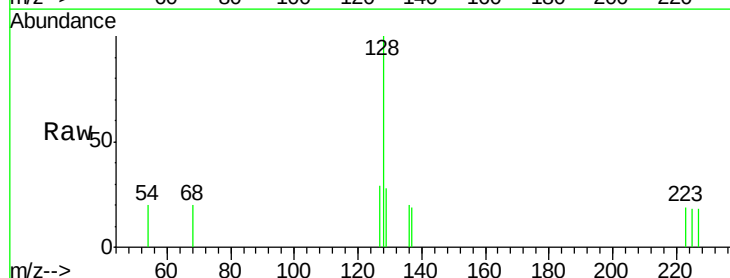
Tgt Ion: 128 Resp: 354

Ion Ratio Lower Upper

128 100

129 27.9 15.8 23.8#

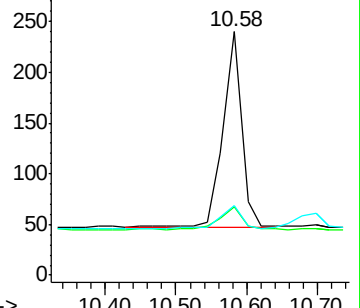
127 28.8 16.0 24.0#



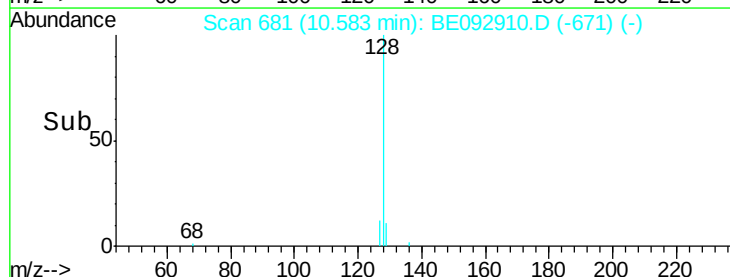
Abundance Ion 128.00 (127.70 to 128.70): E

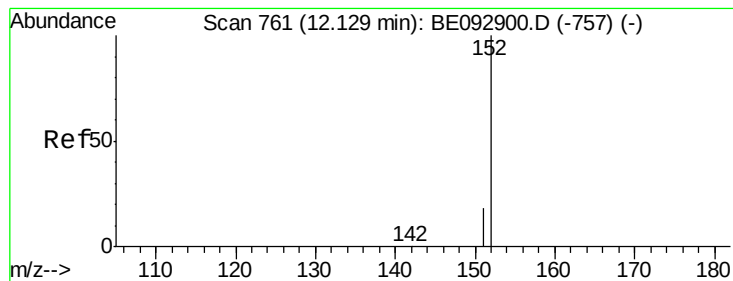
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.41 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

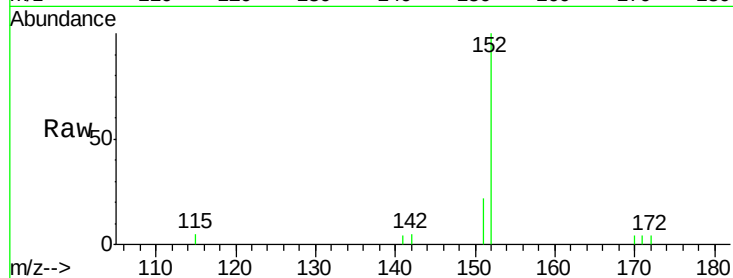
OUTFALL001-170418

Tgt Ion:152 Resp: 1637

Ion Ratio Lower Upper

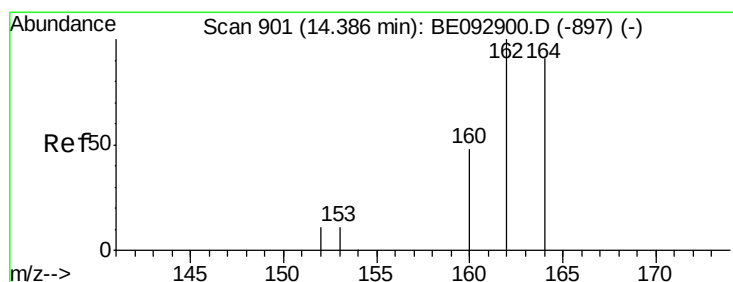
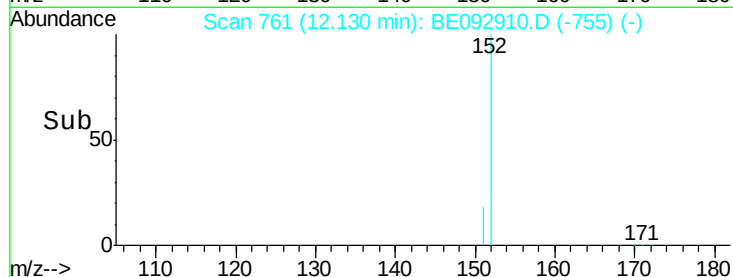
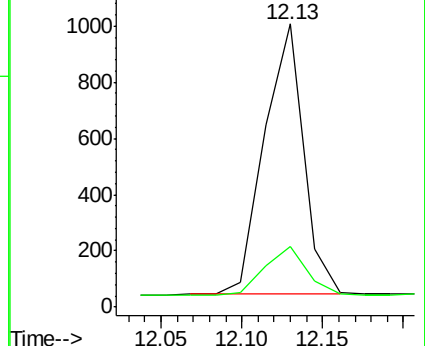
152 100

151 18.9 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

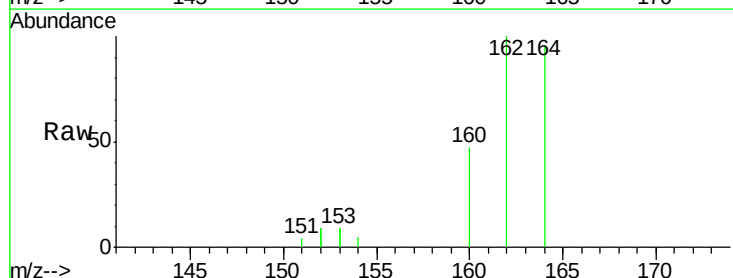
Tgt Ion:164 Resp: 1409

Ion Ratio Lower Upper

164 100

162 105.2 86.6 130.0

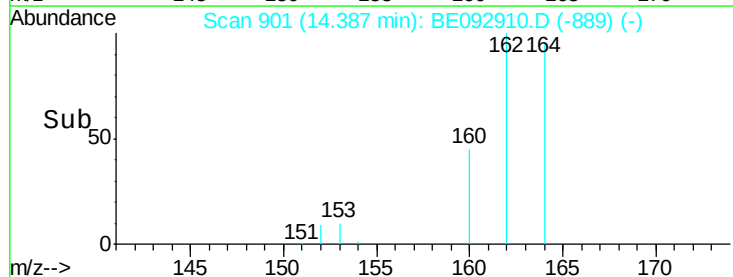
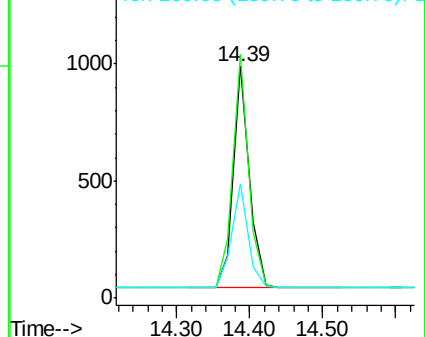
160 49.4 44.5 66.7

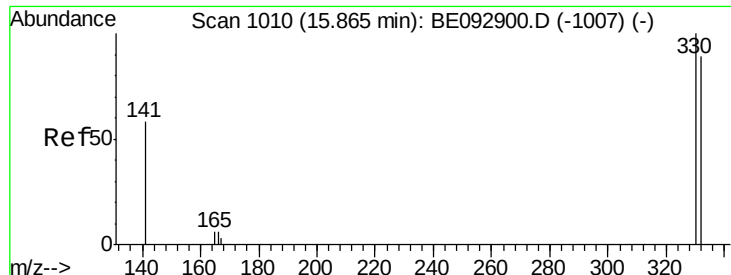


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

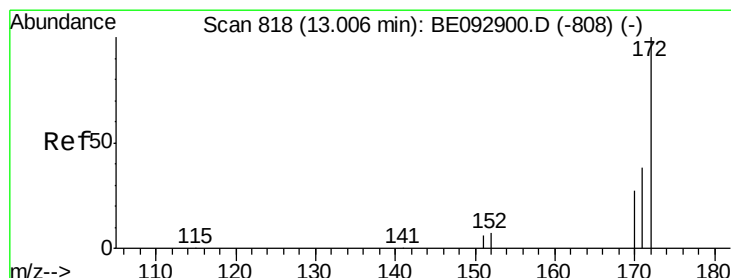
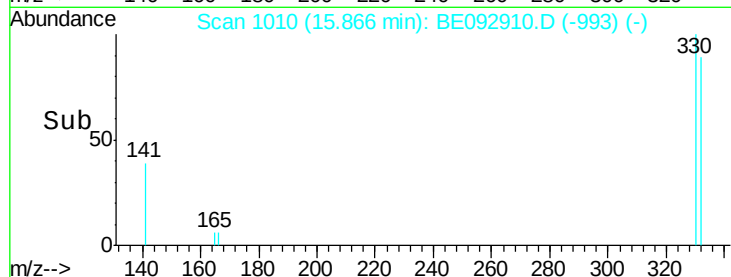
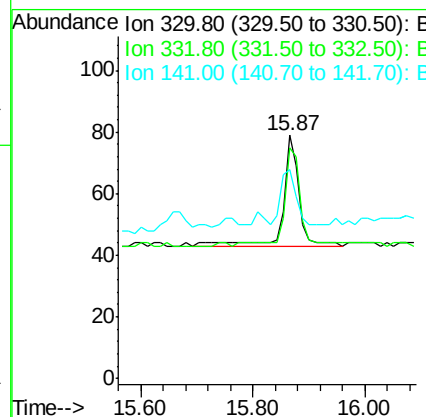
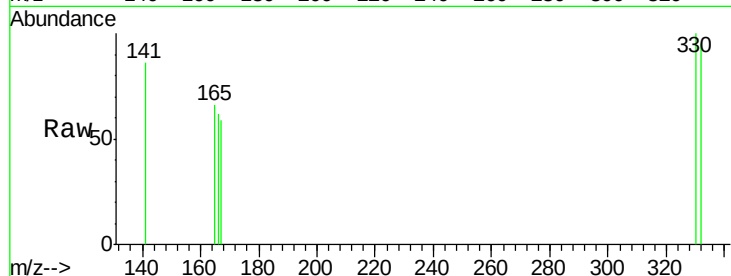




#14
 2,4,6-Tribromophenol
 Concen: 0.30 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

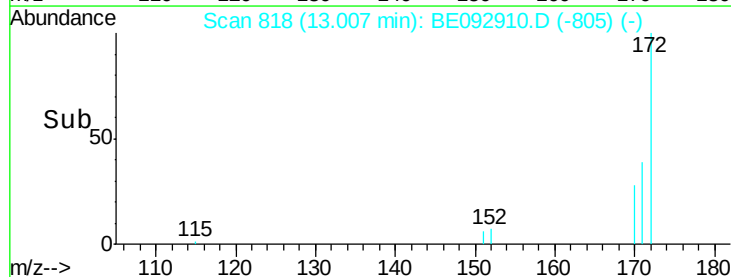
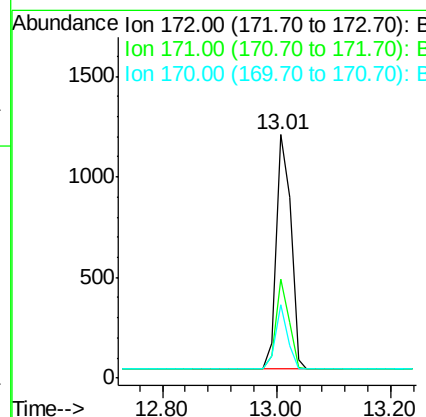
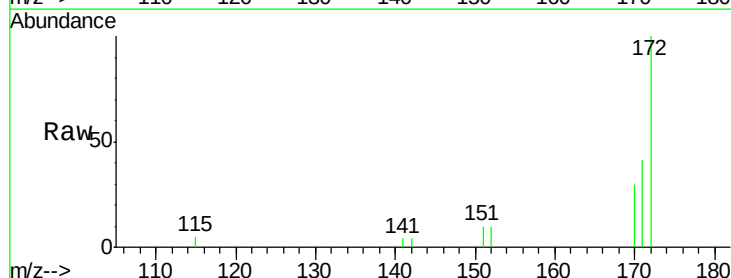
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170418

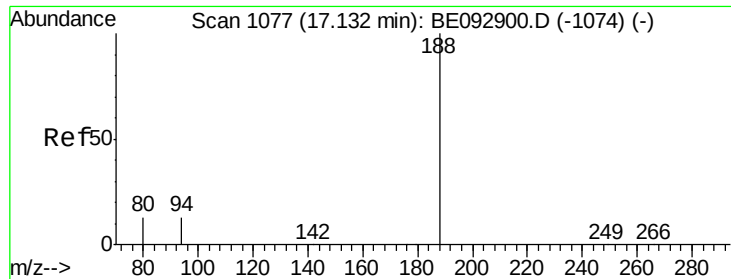
Tgt Ion:330 Resp: 69
 Ion Ratio Lower Upper
 330 100
 332 89.9 69.1 103.7
 141 47.8 54.6 81.8#



#15
 2-Fluorobiphenyl
 Concen: 0.31 ng
 RT: 13.01 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Tgt Ion:172 Resp: 2038
 Ion Ratio Lower Upper
 172 100
 171 40.7 35.8 53.6
 170 30.2 28.5 42.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170418

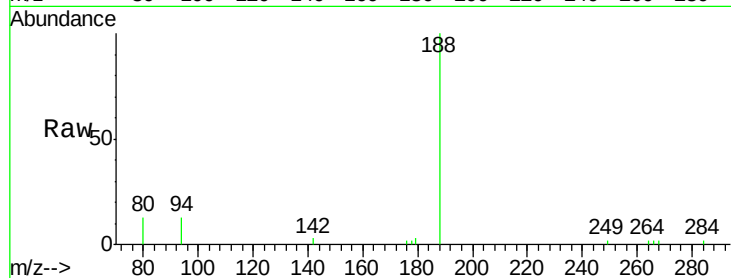
Tgt Ion:188 Resp: 3299

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.4

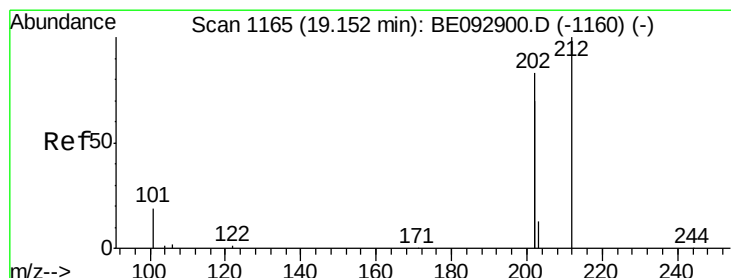
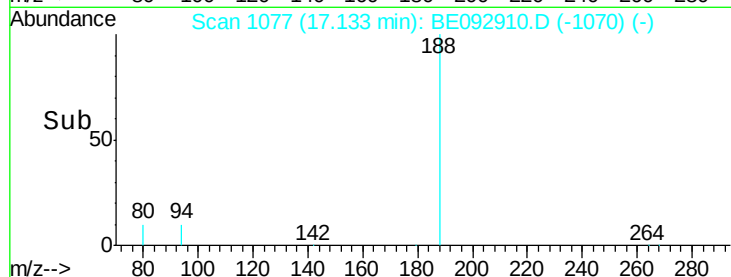
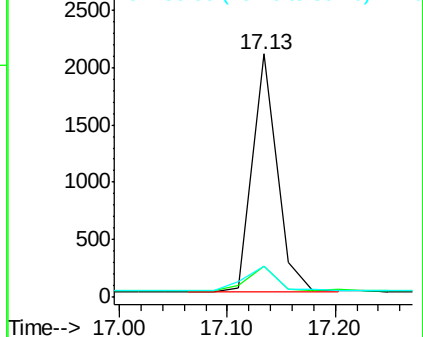
80 13.0 10.6 15.8



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

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

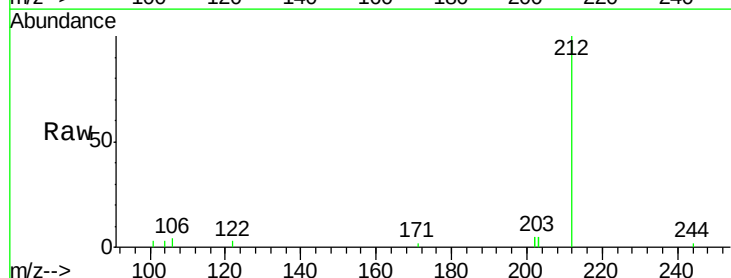
Tgt Ion:212 Resp: 3592

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

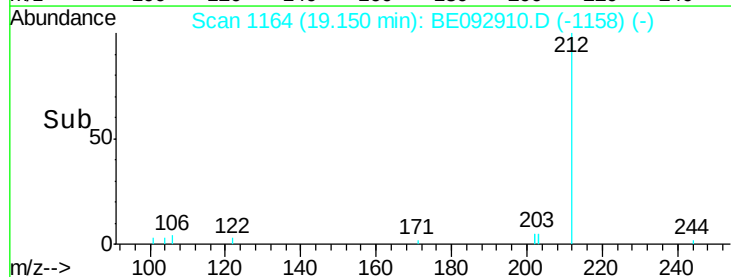
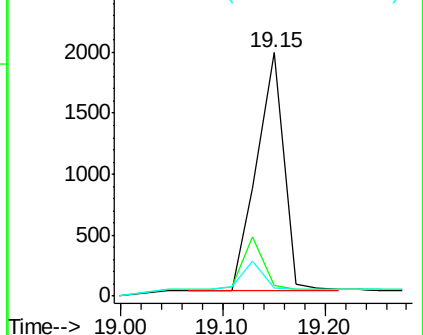
104 0.0 0.0 0.0

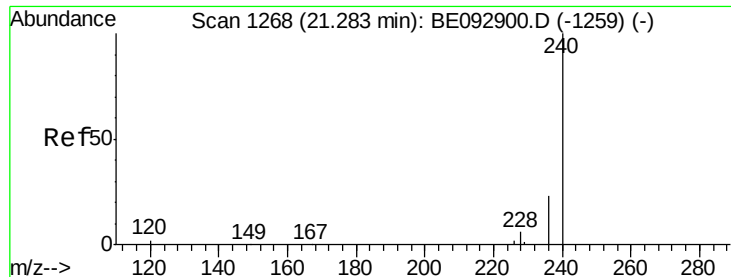


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170418

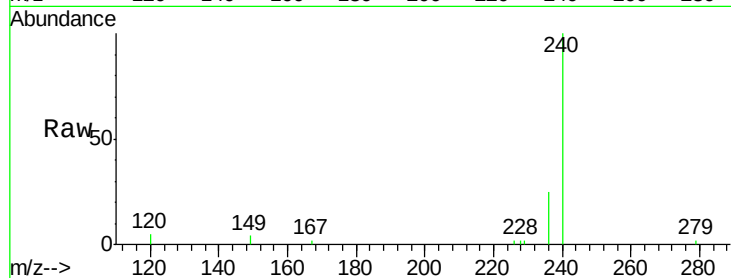
Tgt Ion:240 Resp: 3204

Ion Ratio Lower Upper

240 100

120 4.6 4.6 6.8

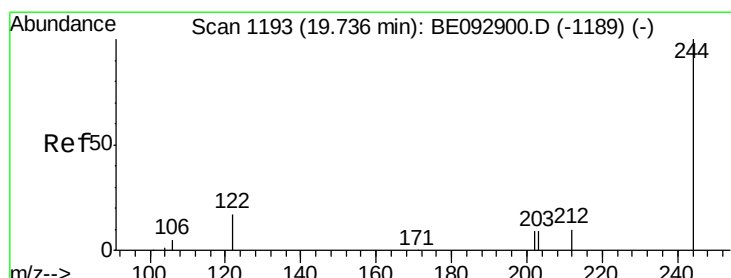
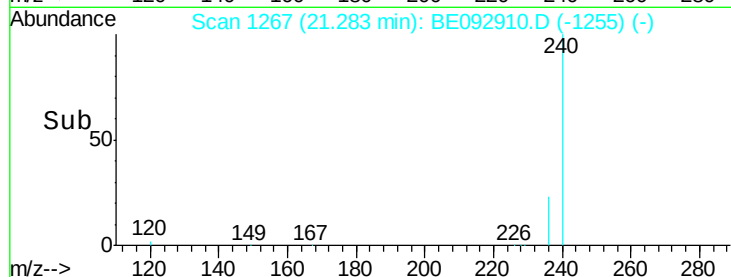
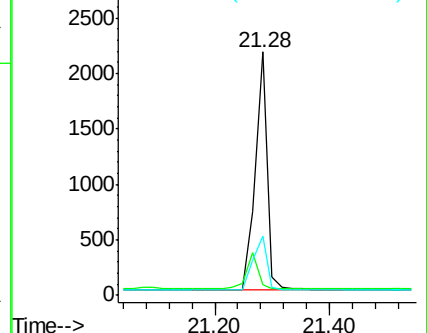
236 24.6 19.8 29.8



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



#28

Terphenyl-d14

Concen: 0.39 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092910.D

Acq: 21 Apr 2017 15:54

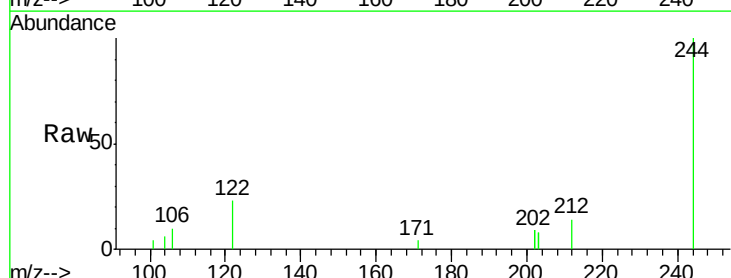
Tgt Ion:244 Resp: 2194

Ion Ratio Lower Upper

244 100

212 13.9 18.4 27.6#

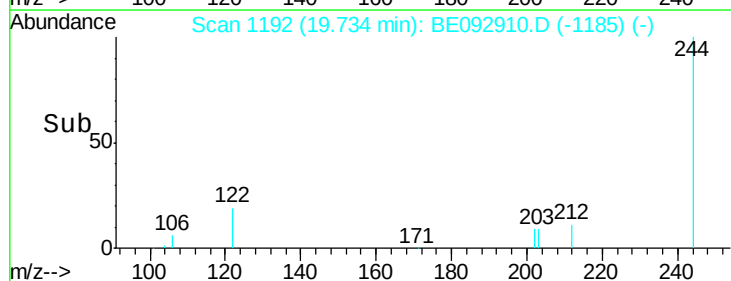
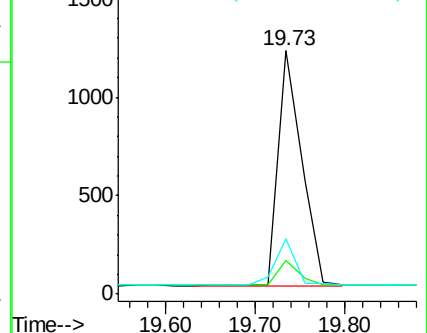
122 22.8 23.3 34.9#

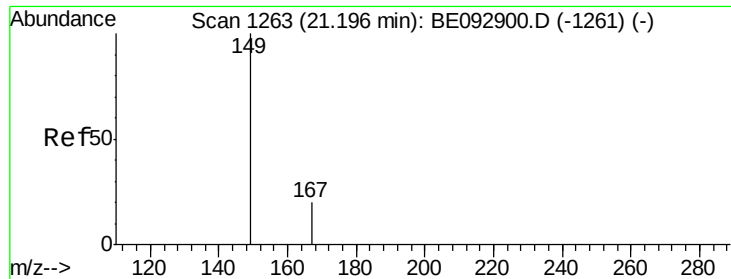


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

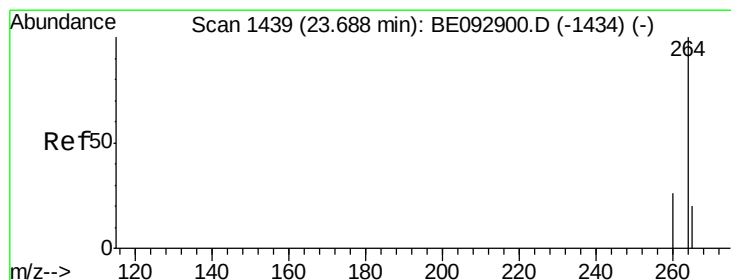
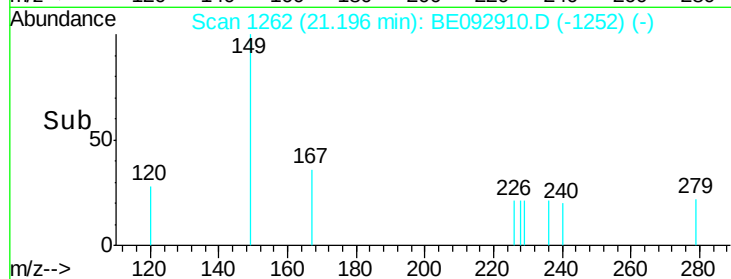
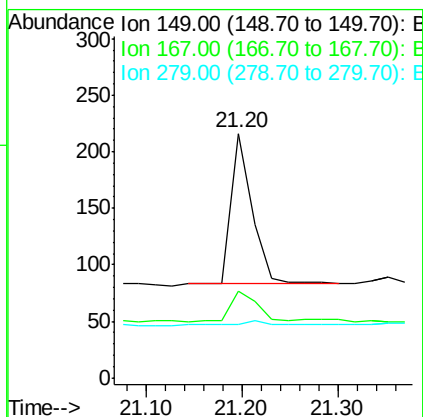
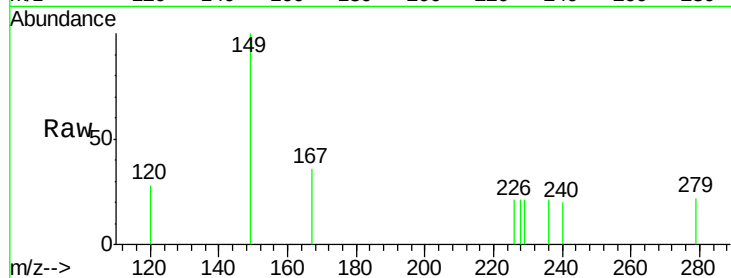




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170418

Tgt Ion:149 Resp: 208
 Ion Ratio Lower Upper
 149 100
 167 22.1 20.9 31.3
 279 0.0 0.0 0.0



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE092910.D
 Acq: 21 Apr 2017 15:54

Tgt Ion:264 Resp: 2155
 Ion Ratio Lower Upper
 264 100
 260 30.2 23.5 35.3
 265 32.9 27.2 40.8

