

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070217\
 Data File : BE093417.D
 Acq On : 2 Jul 2017 17:05
 Operator : SJ/JU
 Sample : I3838-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

Quant Time: Jul 03 06:47:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 02 13:43:38 2017
 Response via : Initial Calibration

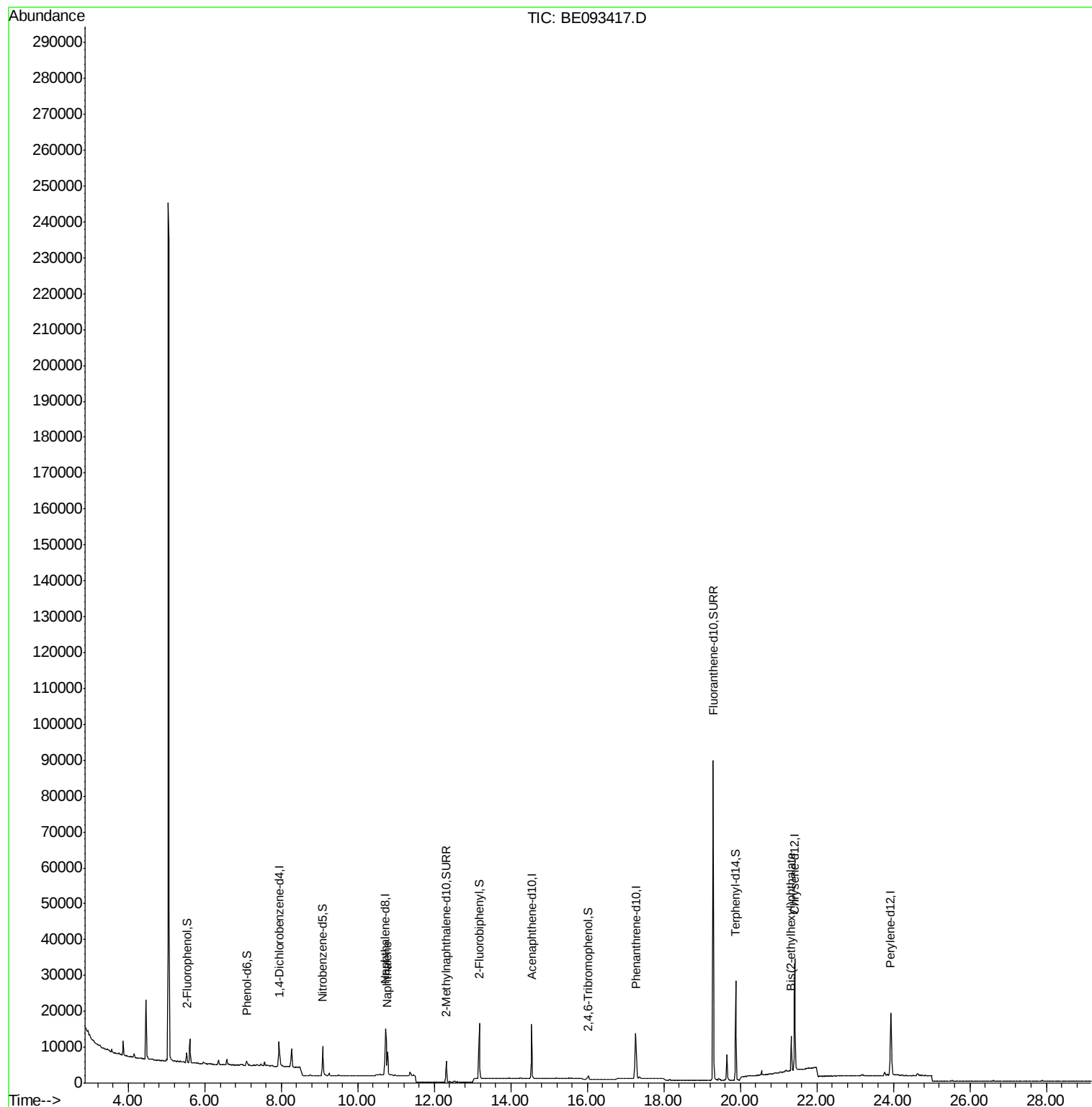
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3179	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	14447	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8893	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25449	0.40	ng	0.00
27) Chrysene-d12	21.43	240	32633	0.40	ng	0.00
34) Perylene-d12	23.93	264	27325	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1416	0.15	ng	0.00
5) Phenol-d6	7.10	99	1245	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	3568	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	7951	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	904	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	14612	0.42	ng	0.00
25) Fluoranthene-d10	19.29	212	116481	0.38	ng	0.00
29) Terphenyl-d14	19.88	244	23861	0.41	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	11101	0.073	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.33	149	12238	0.096	ng	# 67

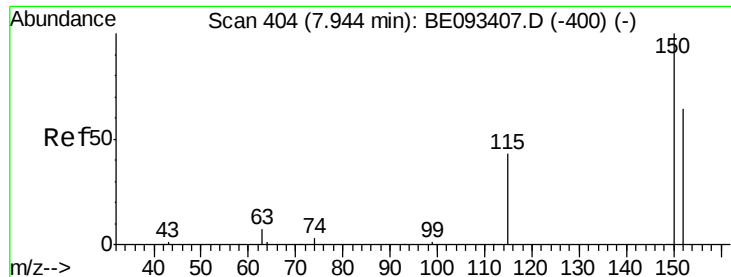
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jul 02 13:43:38 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

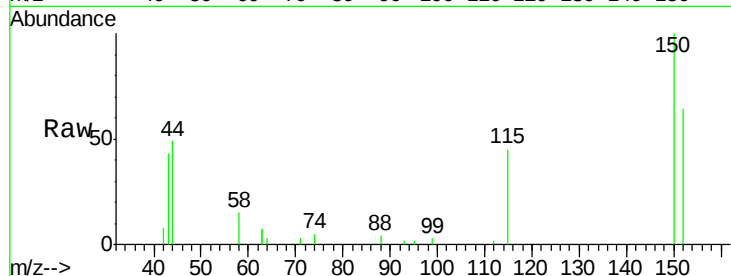
Tgt Ion:152 Resp: 3179

Ion Ratio Lower Upper

152 100

150 155.7 125.1 187.7

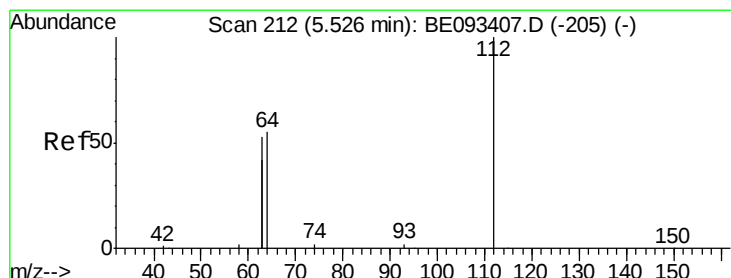
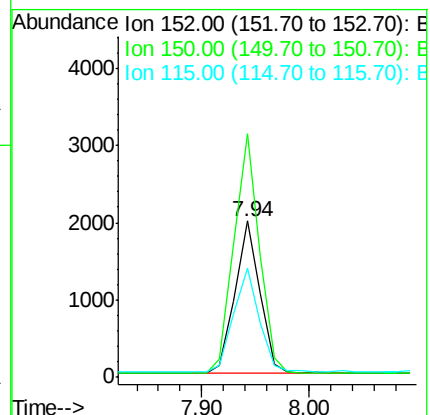
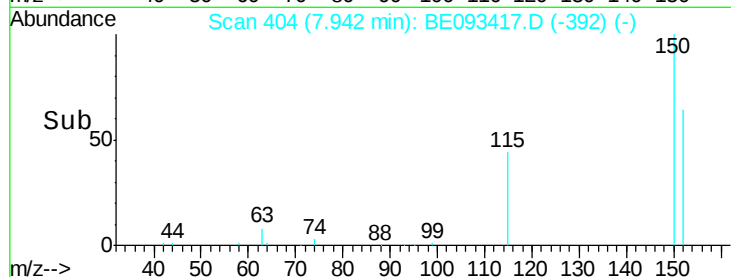
115 70.1 55.7 83.5



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: 0.148 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

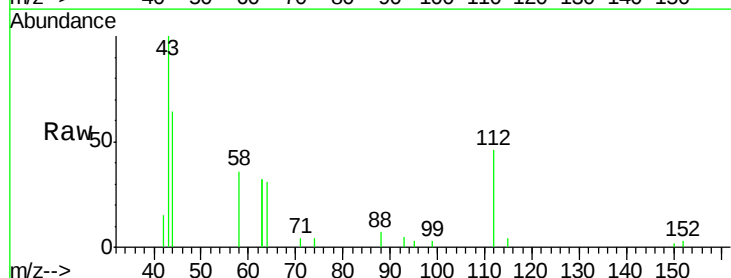
Tgt Ion:112 Resp: 1416

Ion Ratio Lower Upper

112 100

64 74.4 56.4 84.6

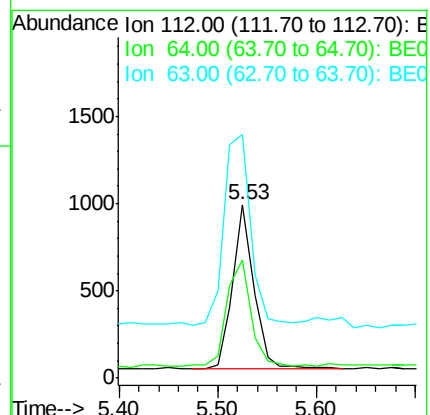
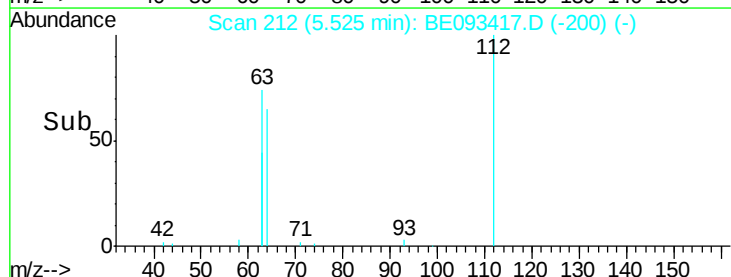
63 142.9 29.3 43.9#

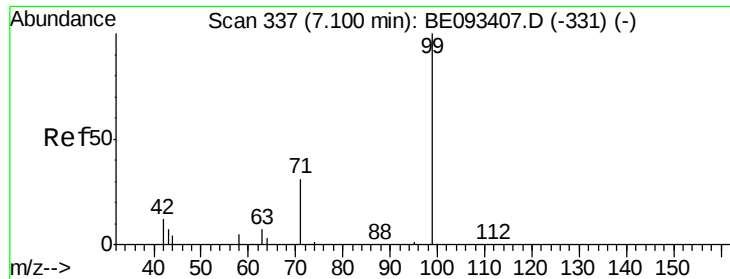


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.088 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

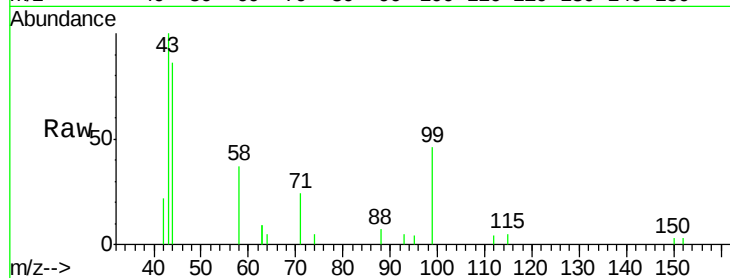
Tgt Ion: 99 Resp: 1245

Ion Ratio Lower Upper

99 100

42 20.6 0.0 0.0#

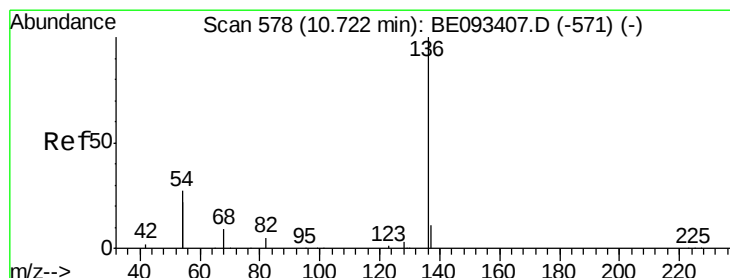
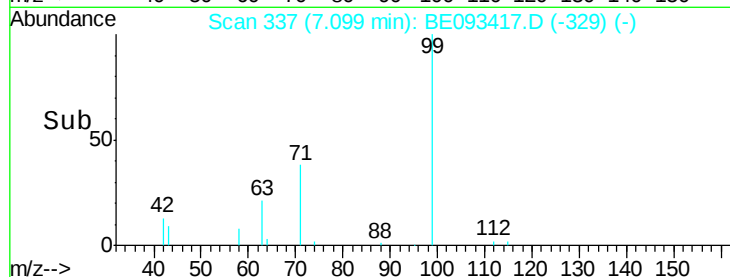
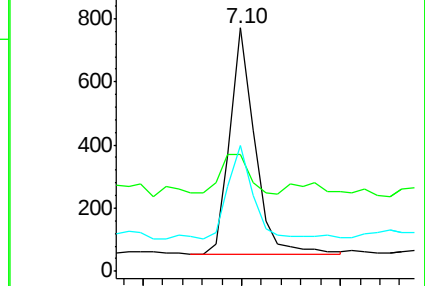
71 42.8 0.0 0.0#



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: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Tgt Ion: 136 Resp: 14447

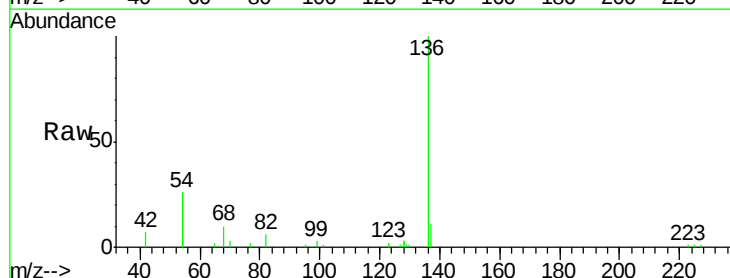
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 51.1 10.3 15.5#

68 10.4 9.0 13.4

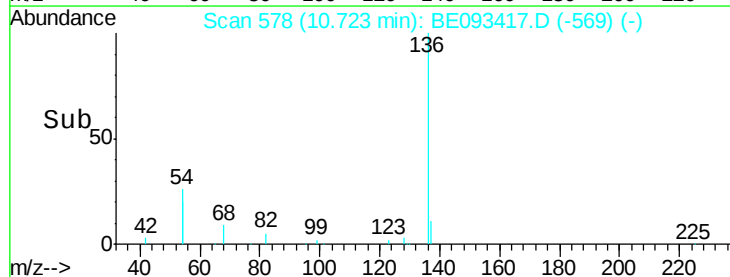
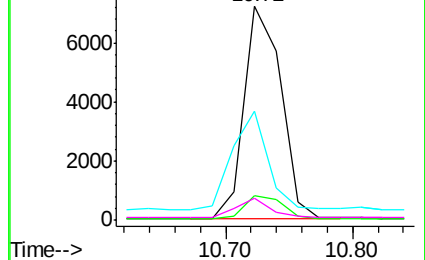


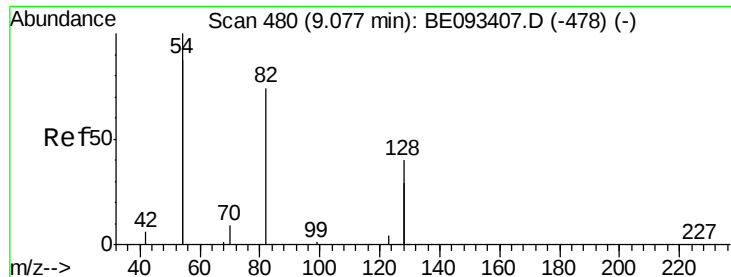
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

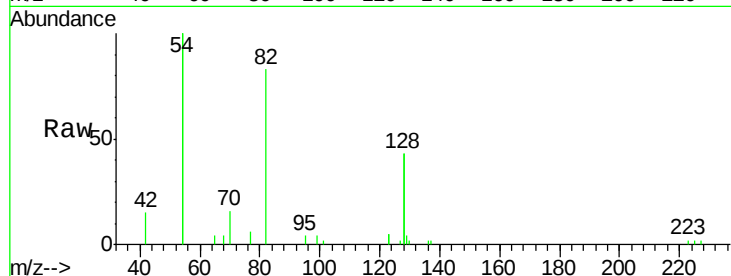
Tgt Ion: 82 Resp: 3568

Ion Ratio Lower Upper

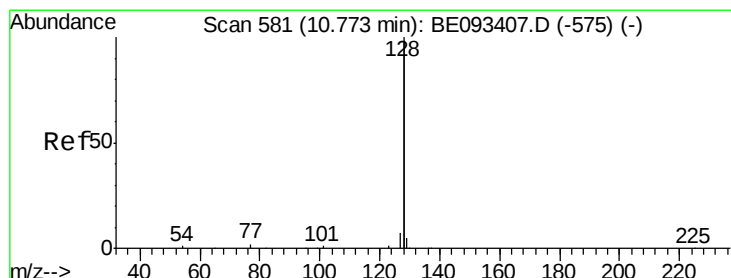
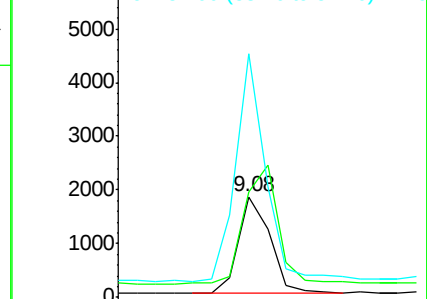
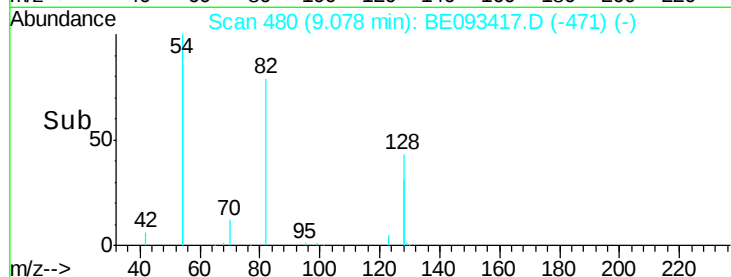
82 100

128 104.4 17.0 25.4#

54 242.2 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093417.D (-471) (-)



#9

Naphthalene

Concen: 0.073 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

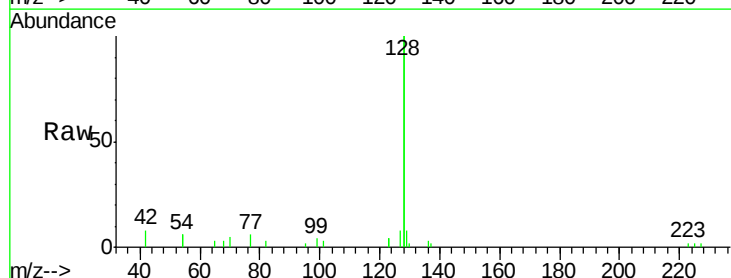
Tgt Ion: 128 Resp: 11101

Ion Ratio Lower Upper

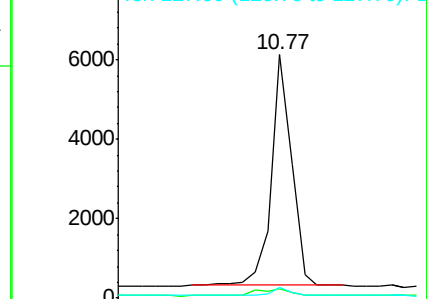
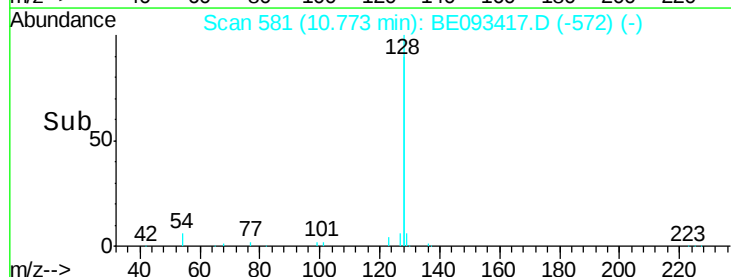
128 100

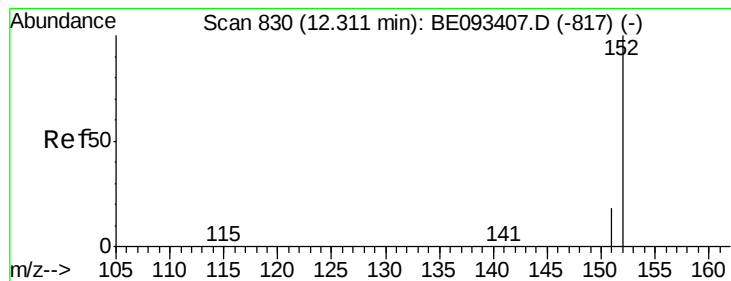
129 3.8 11.4 17.0#

127 4.2 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): BE093417.D (-572) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

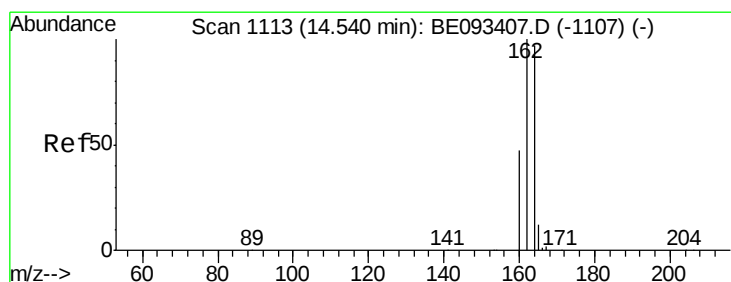
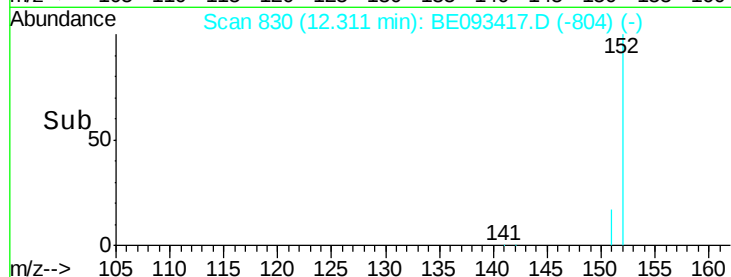
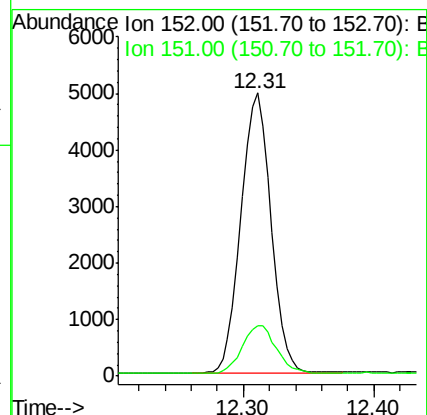
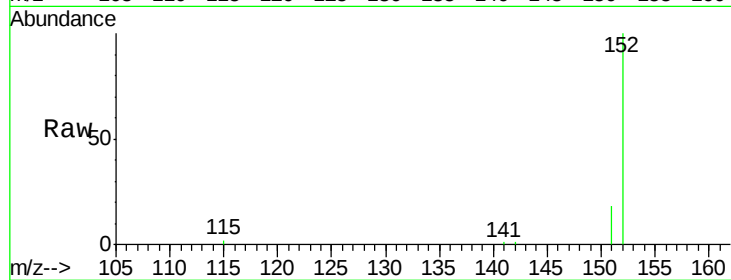
OUTFALL001-170620

Tgt Ion:152 Resp: 7951

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

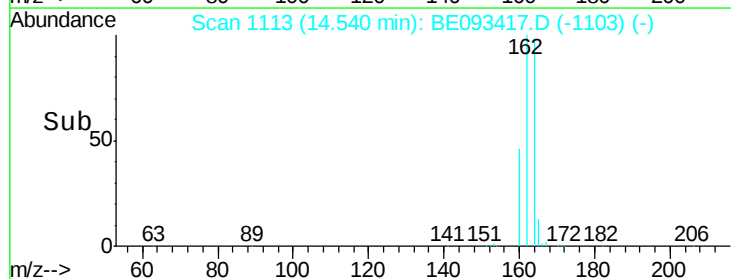
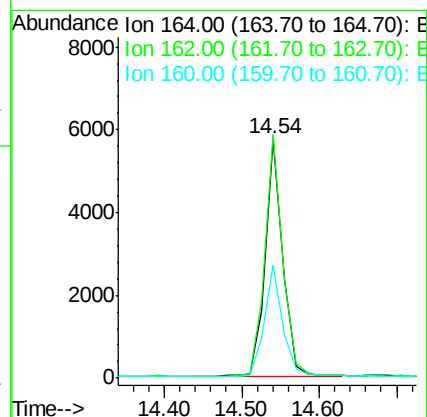
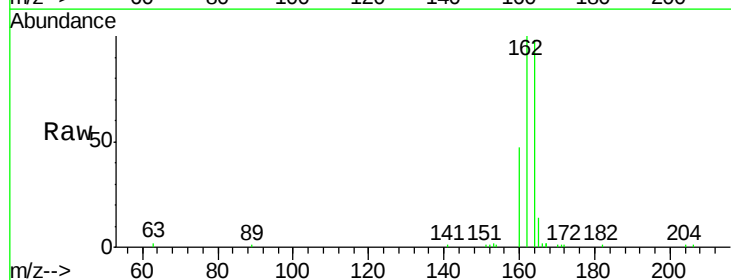
Tgt Ion:164 Resp: 8893

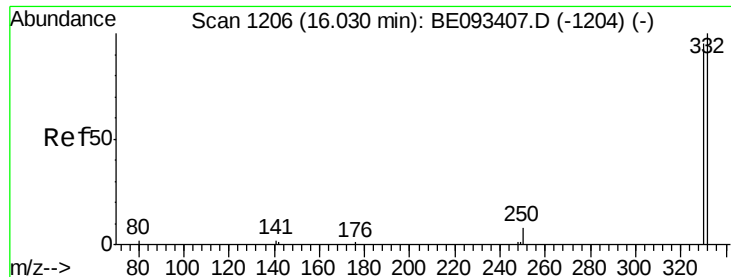
Ion Ratio Lower Upper

164 100

162 102.0 84.6 127.0

160 47.5 41.8 62.6

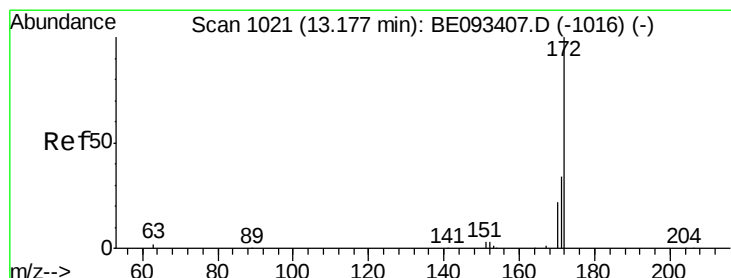
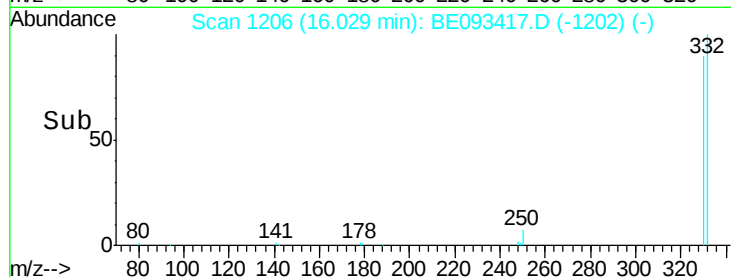
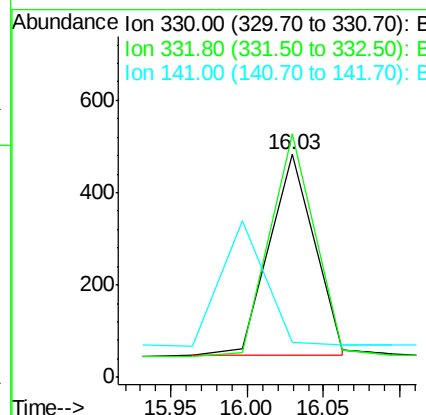
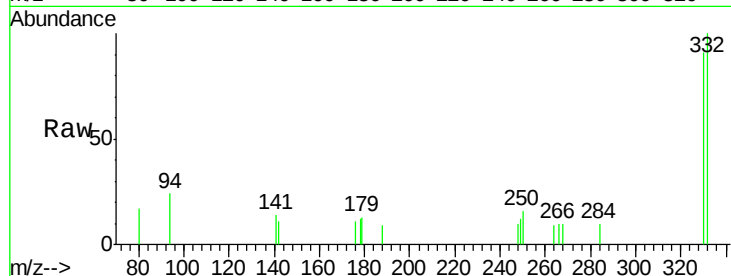




#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

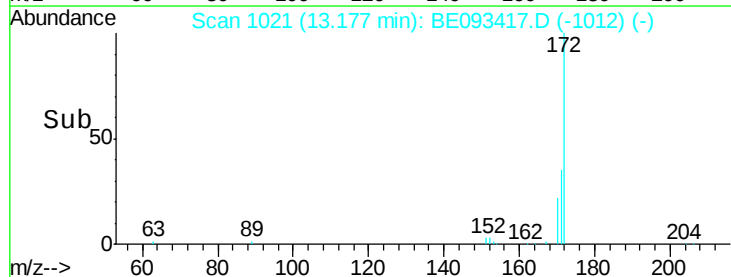
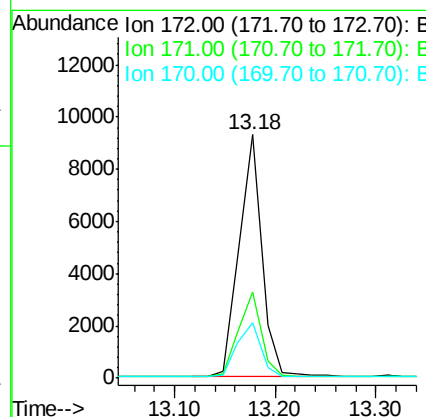
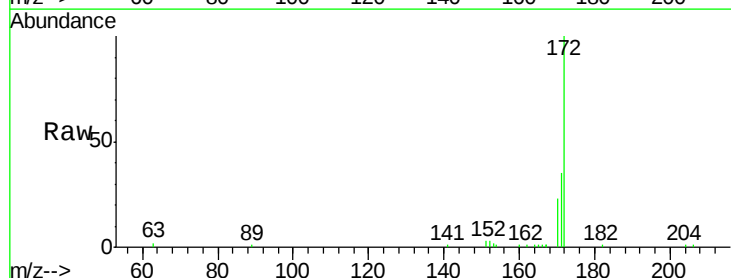
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

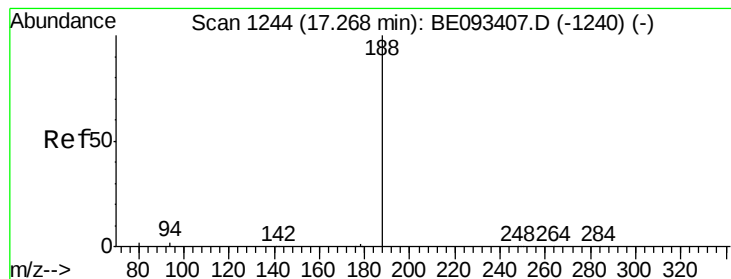
Tgt Ion:330 Resp: 904
 Ion Ratio Lower Upper
 330 100
 332 108.6 77.7 116.5
 141 0.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.423 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion:172 Resp: 14612
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.8 44.6
 170 22.6 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170620

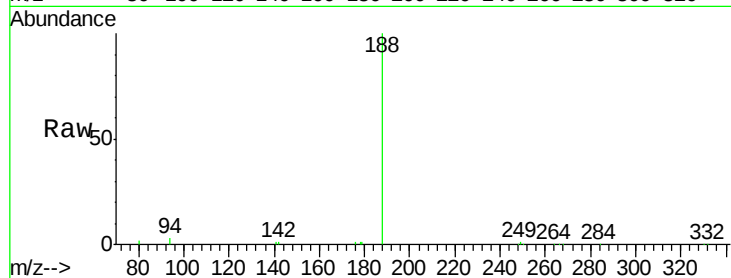
Tgt Ion:188 Resp: 25449

Ion Ratio Lower Upper

188 100

94 3.1 11.3 16.9#

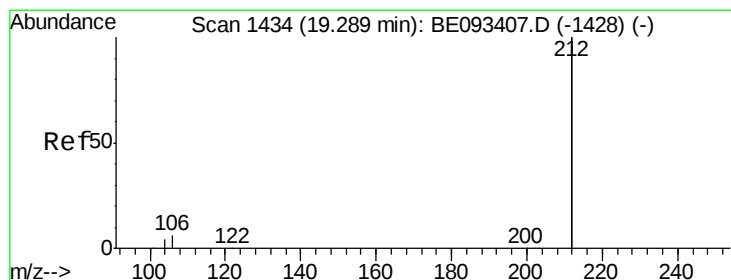
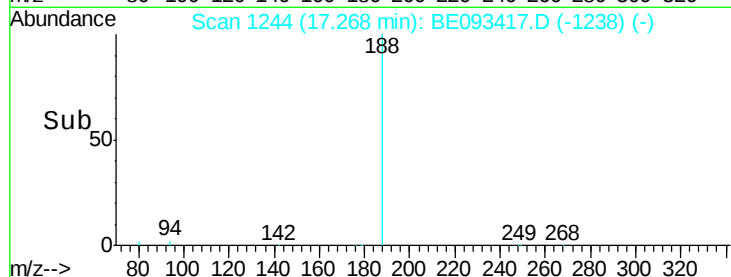
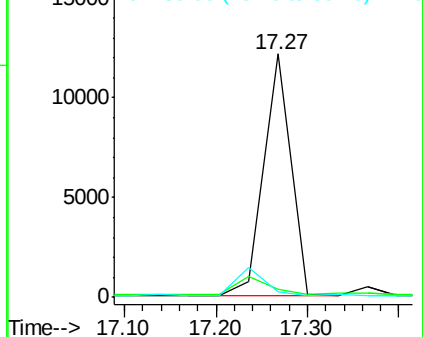
80 2.3 11.7 17.5#



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



#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

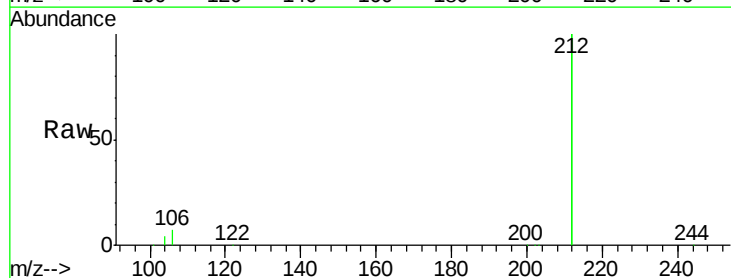
Tgt Ion:212 Resp: 116481

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6

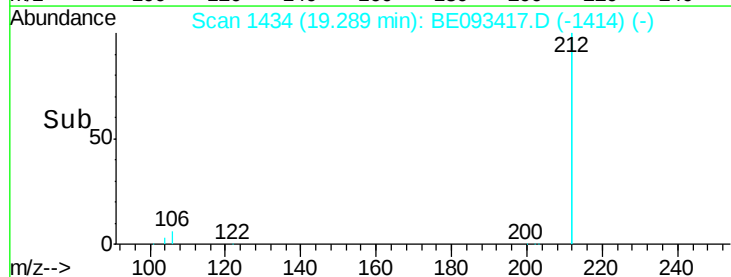
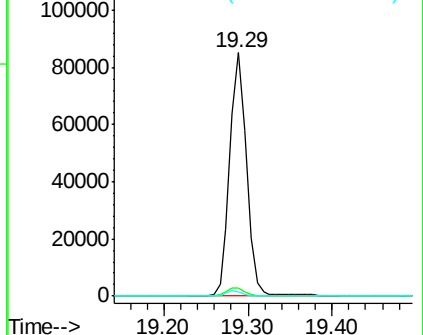
104 2.0 1.6 2.4

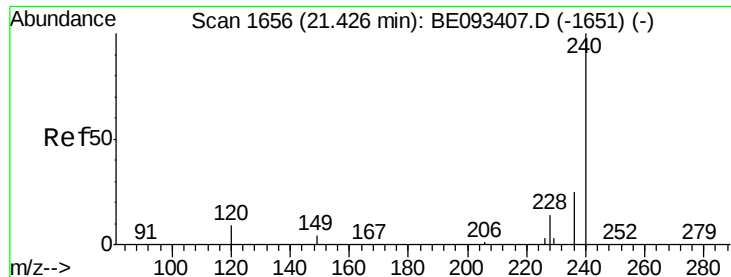


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

Instrument :

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OUTFALL001-170620

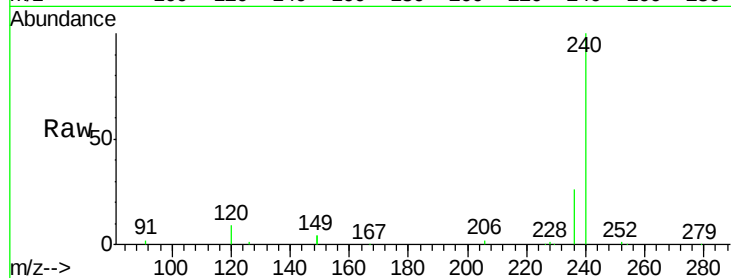
Tgt Ion:240 Resp: 32633

Ion Ratio Lower Upper

240 100

120 8.8 4.6 7.0#

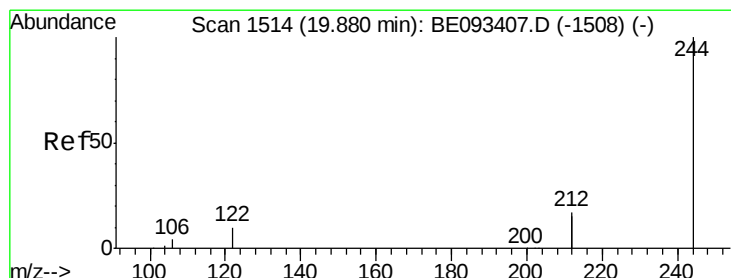
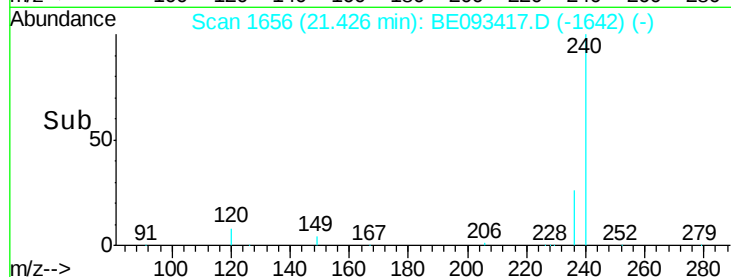
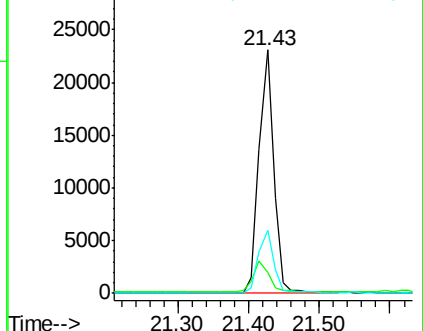
236 26.0 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE093417.D

Acq: 2 Jul 2017 17:05

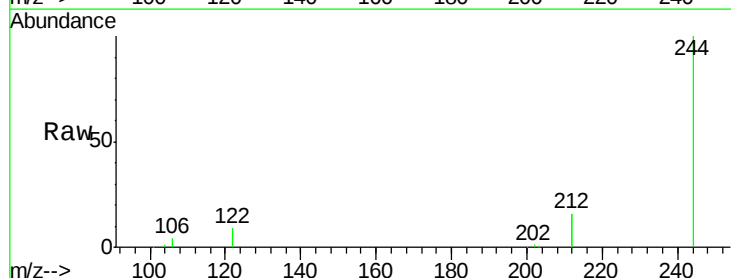
Tgt Ion:244 Resp: 23861

Ion Ratio Lower Upper

244 100

212 32.2 10.6 16.0#

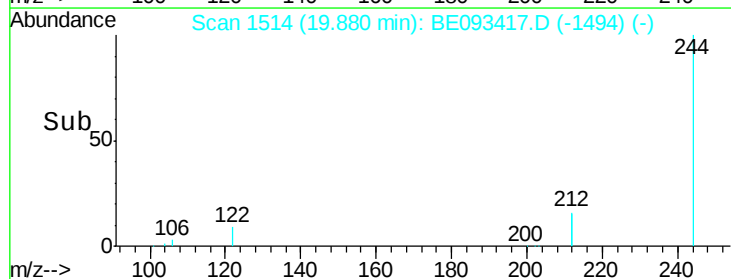
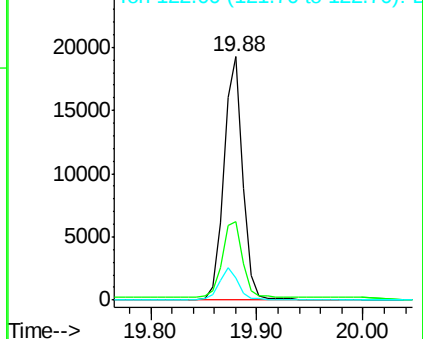
122 9.2 15.4 23.0#

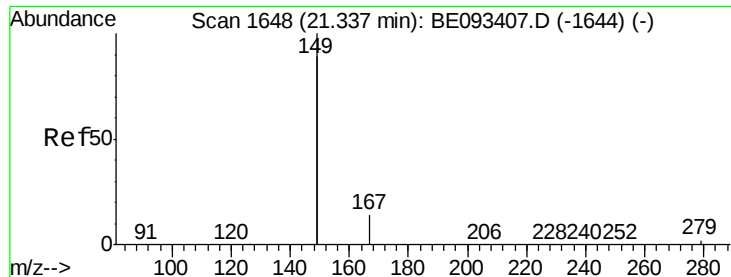


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

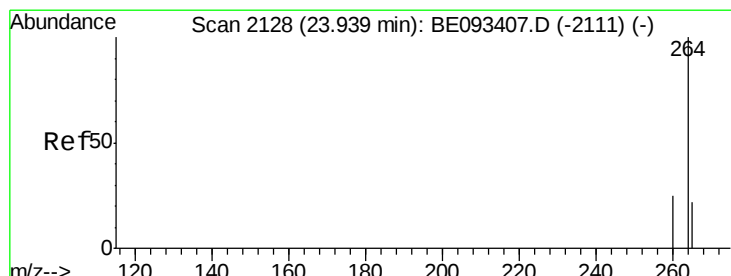
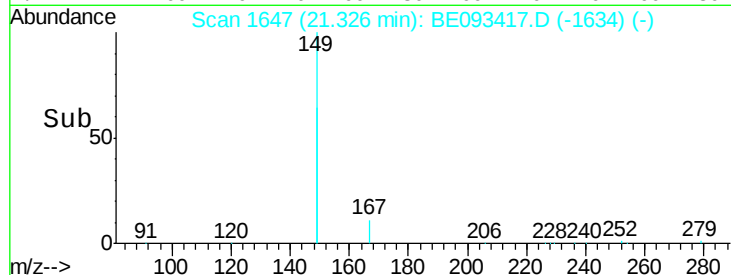
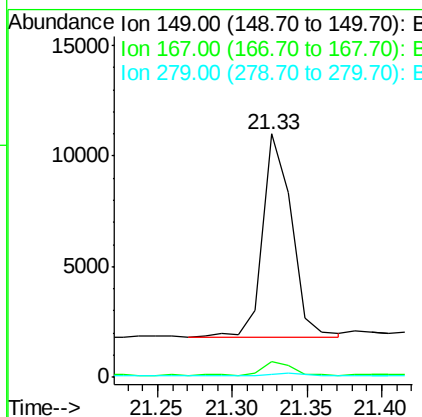
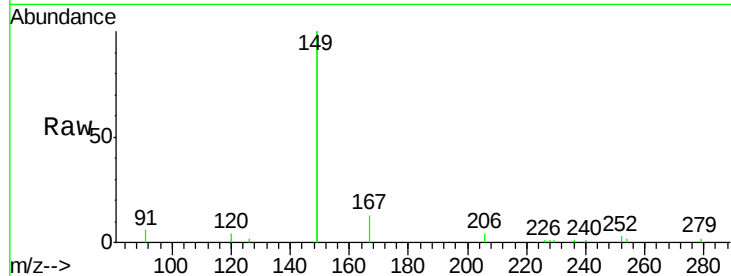




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170620

Tgt Ion:149 Resp: 12238
 Ion Ratio Lower Upper
 149 100
 167 6.9 20.1 30.1#
 279 1.0 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093417.D
 Acq: 2 Jul 2017 17:05

Tgt Ion:264 Resp: 27325
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.0 31.4
 265 29.6 24.6 36.8

