

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
 Data File : BE093456.D
 Acq On : 13 Jul 2017 13:24
 Operator : SJ/JU
 Sample : I4098-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170705

Quant Time: Jul 13 16:11:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

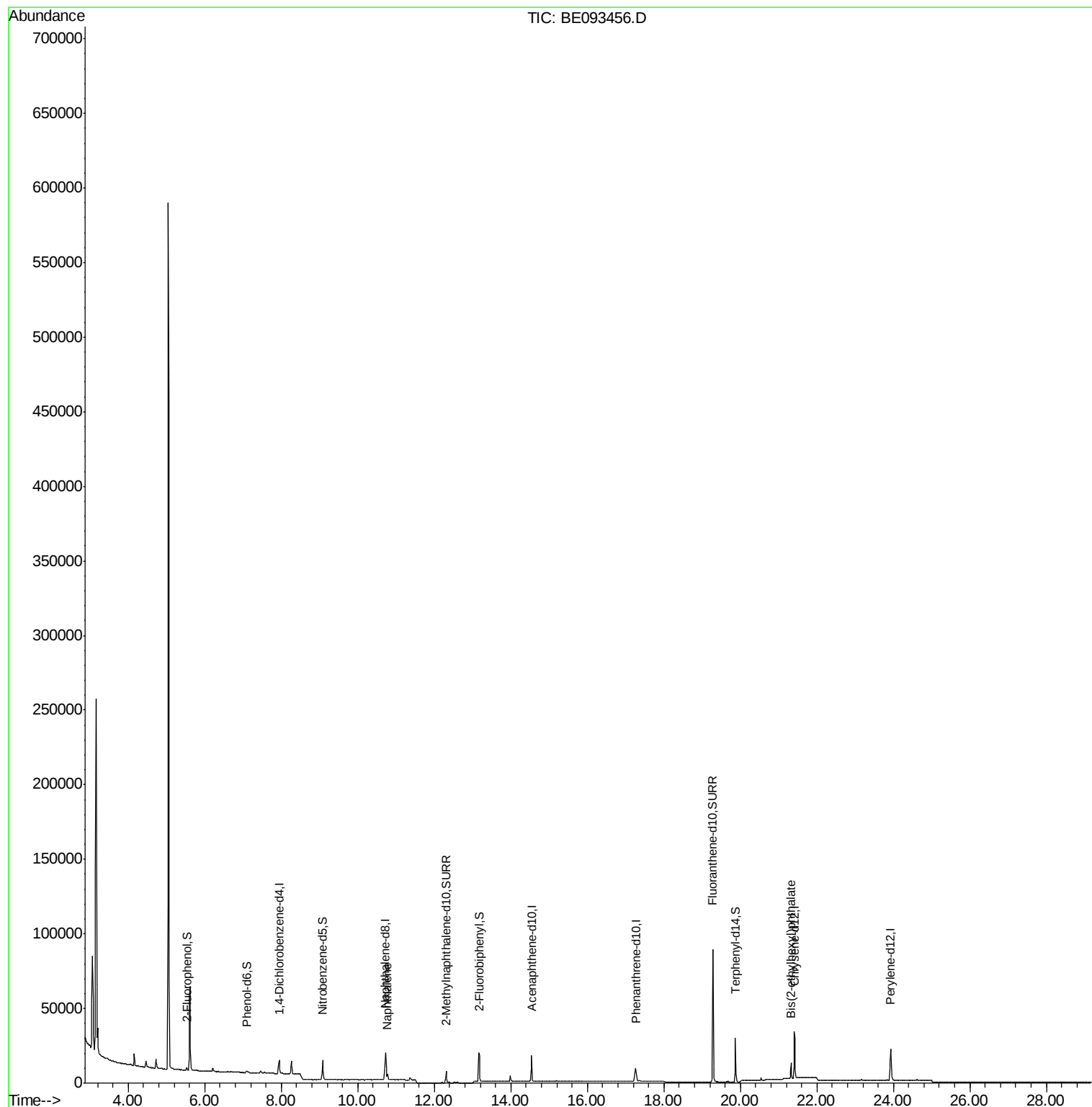
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4768	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20029	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10241	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	19634	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35135	0.40	ng	-0.01
34) Perylene-d12	23.93	264	31868	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1126	0.08	ng	0.00
5) Phenol-d6	7.10	99	1042	0.05	ng	0.00
8) Nitrobenzene-d5	9.08	82	5274	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	10534	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	12	0.00	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	21092	0.53	ng	0.00
25) Fluoranthene-d10	19.28	212	121475	0.51	ng	0.00
29) Terphenyl-d14	19.87	244	23417	0.37	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	6533	0.031	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.33	149	11358	0.083	ng	# 67

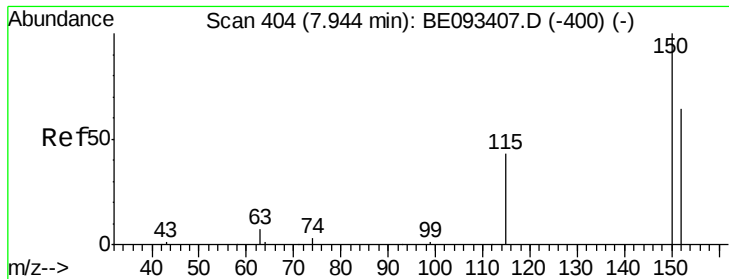
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
Data File : BE093456.D
Acq On : 13 Jul 2017 13:24
Operator : SJ/JU
Sample : I4098-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170705

Quant Time: Jul 13 16:11:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



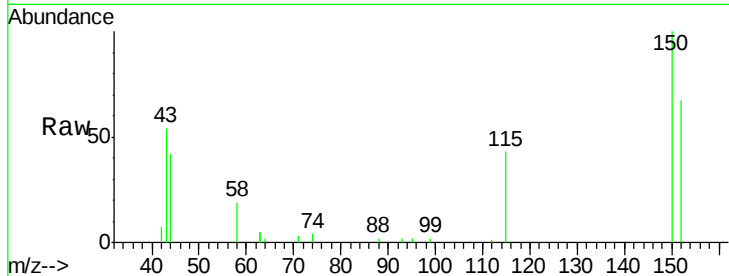


#1

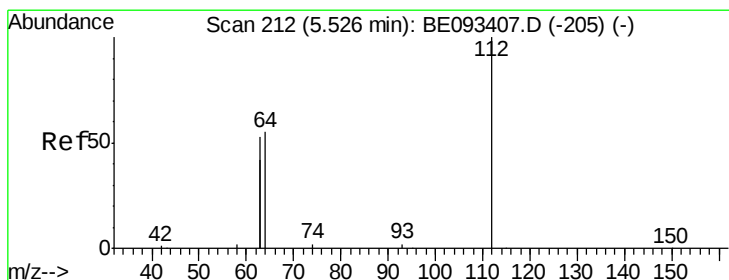
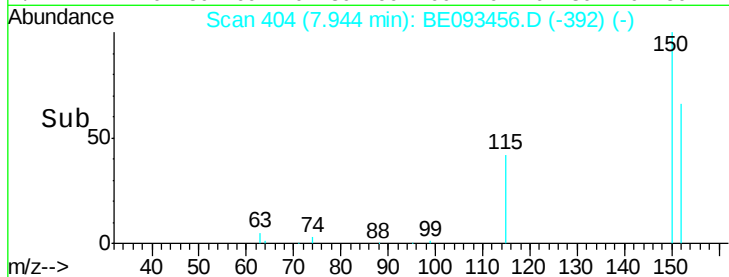
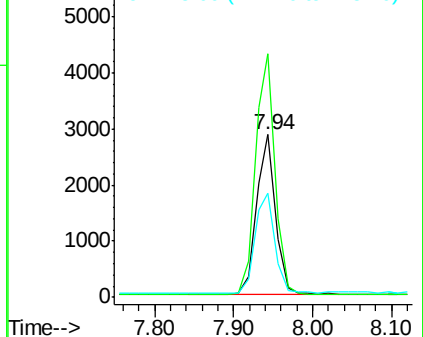
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093456.D
Acq: 13 Jul 2017 13:24

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170705

Tgt Ion:152 Resp: 4768
Ion Ratio Lower Upper
152 100
150 149.7 125.1 187.7
115 64.2 55.7 83.5



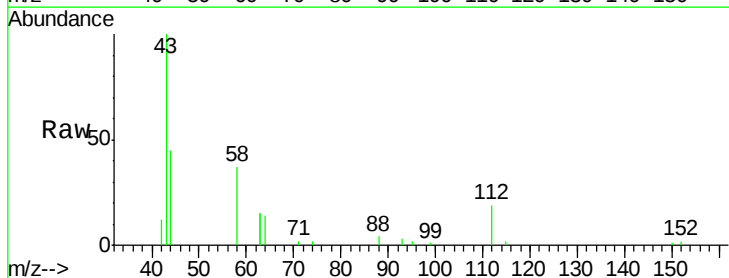
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



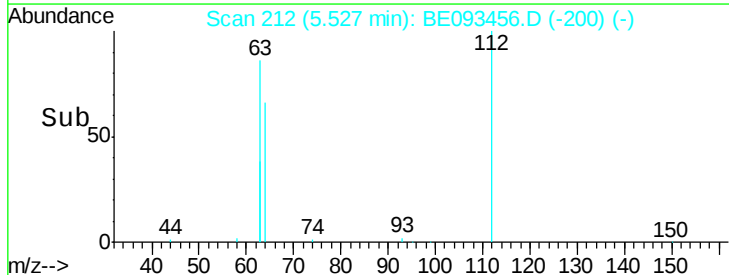
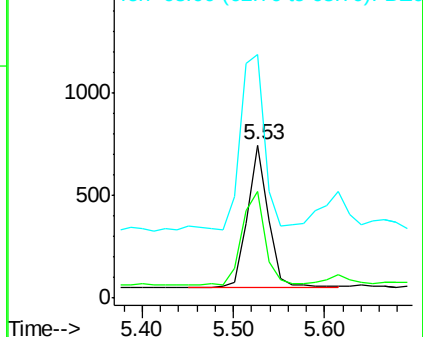
#4

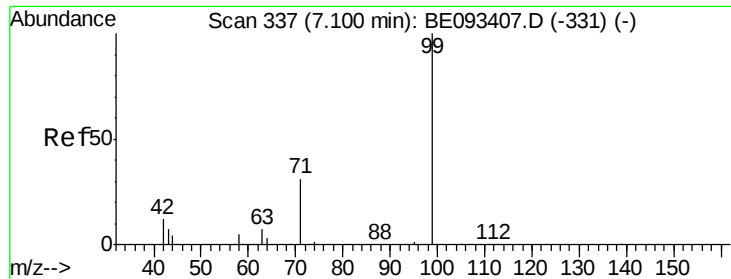
2-Fluorophenol
Concen: 0.078 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093456.D
Acq: 13 Jul 2017 13:24

Tgt Ion:112 Resp: 1126
Ion Ratio Lower Upper
112 100
64 71.9 56.4 84.6
63 136.9 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: 0.049 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170705

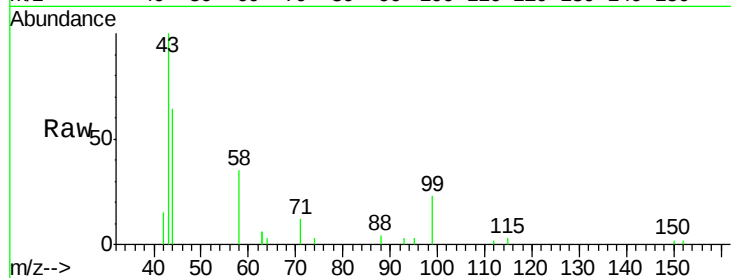
Tgt Ion: 99 Resp: 1042

Ion Ratio Lower Upper

99 100

42 30.3 0.0 0.0#

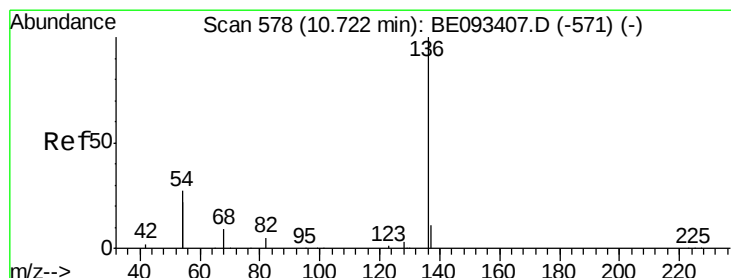
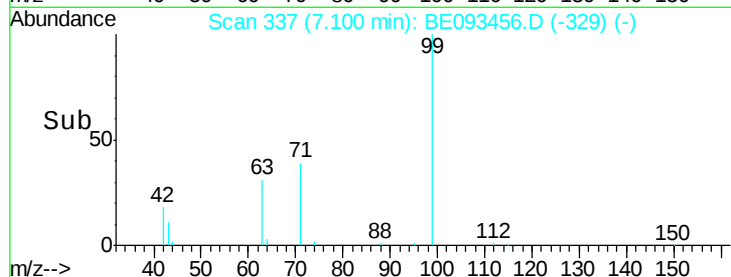
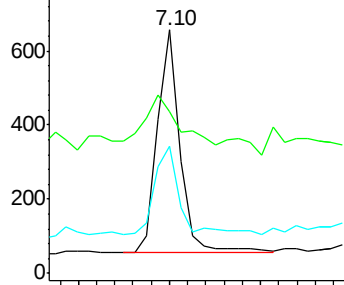
71 44.3 0.0 0.0#



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: BE093456.D

Acq: 13 Jul 2017 13:24

Tgt Ion: 136 Resp: 20029

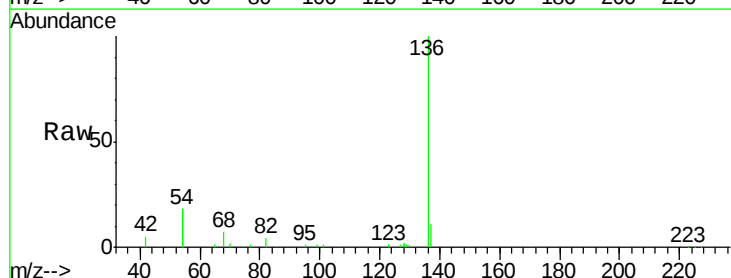
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 36.4 10.3 15.5#

68 7.0 9.0 13.4#

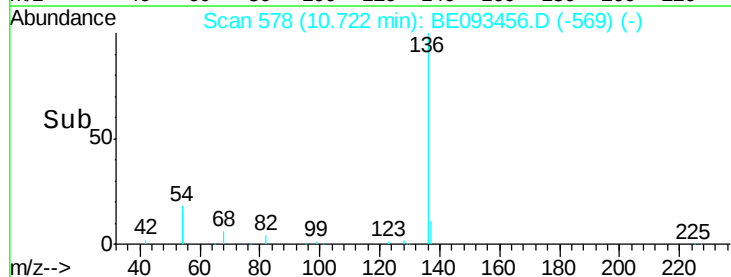
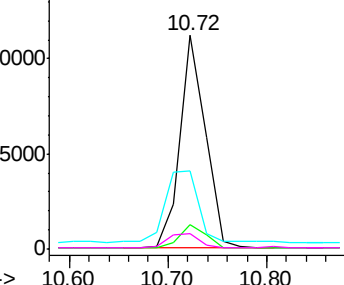


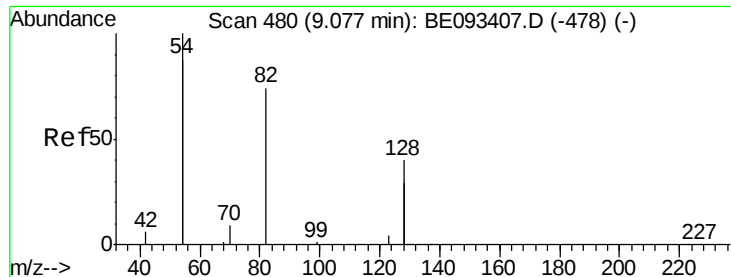
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170705

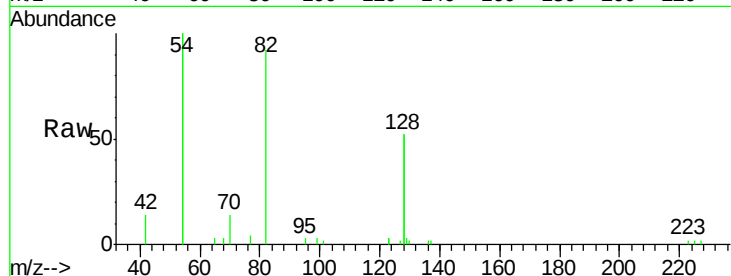
Tgt Ion: 82 Resp: 5274

Ion Ratio Lower Upper

82 100

128 113.6 17.0 25.4#

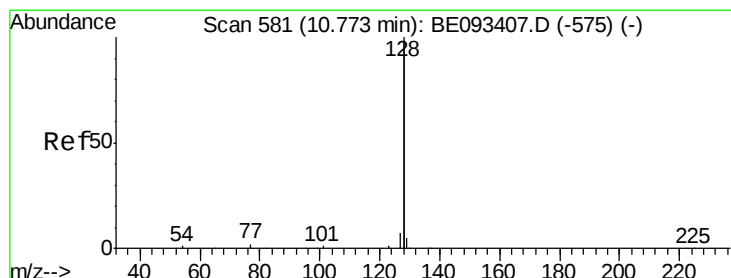
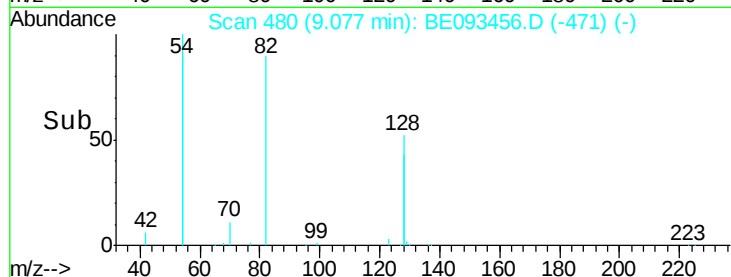
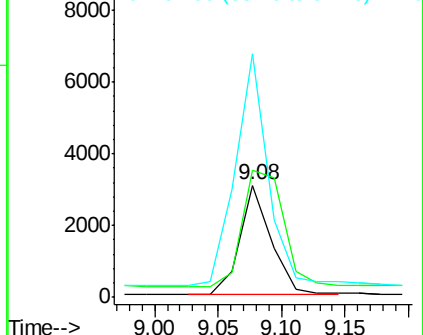
54 216.9 53.8 80.6#



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



#9

Naphthalene

Concen: 0.031 ng

RT: 10.77 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

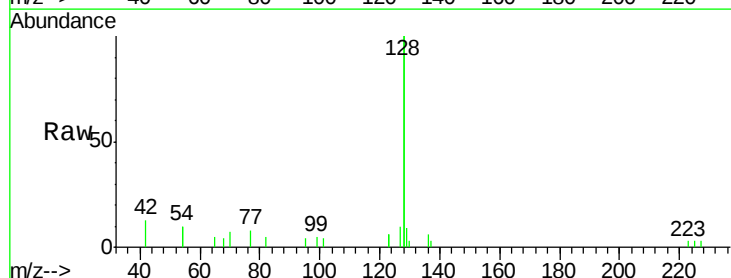
Tgt Ion: 128 Resp: 6533

Ion Ratio Lower Upper

128 100

129 4.5 11.4 17.0#

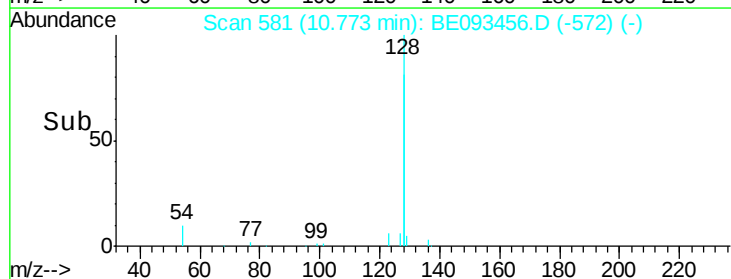
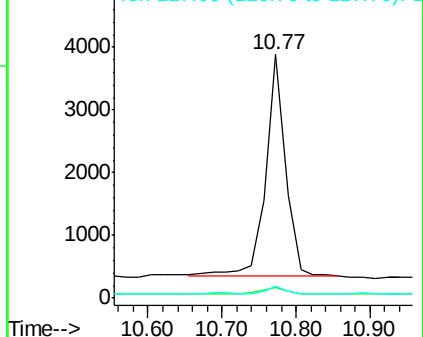
127 4.8 11.2 16.8#

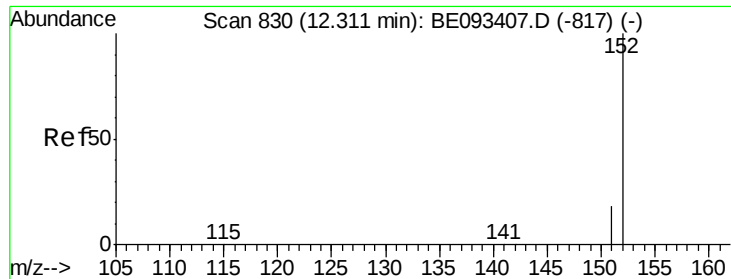


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

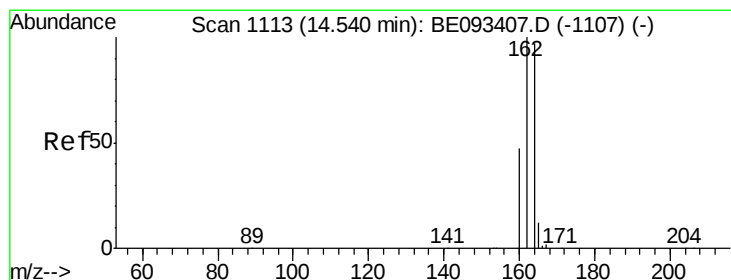
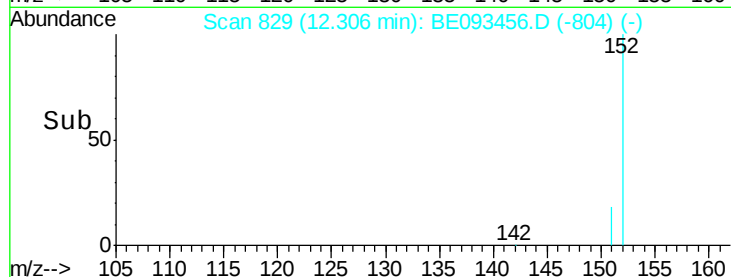
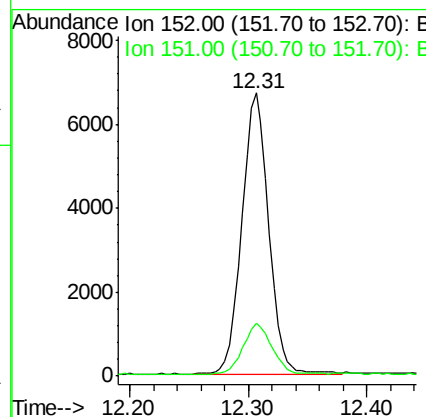
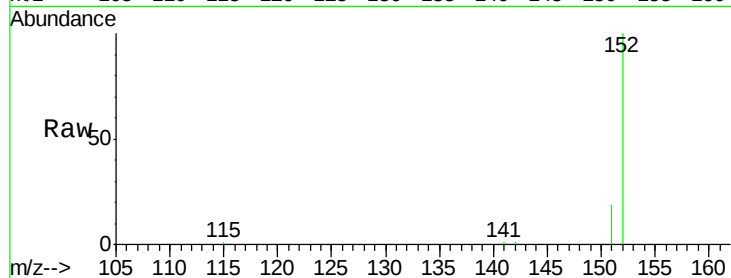




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093456.D
Acq: 13 Jul 2017 13:24

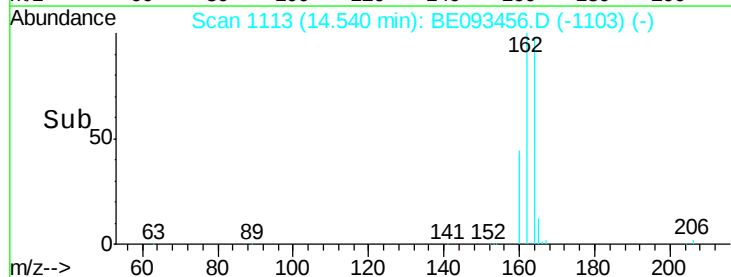
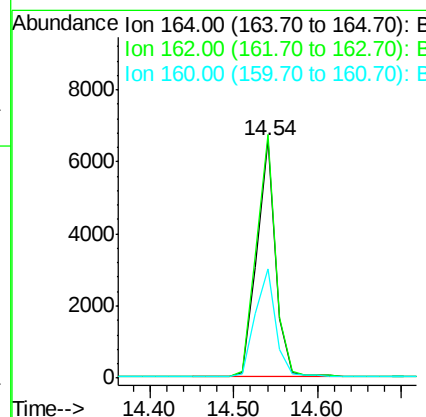
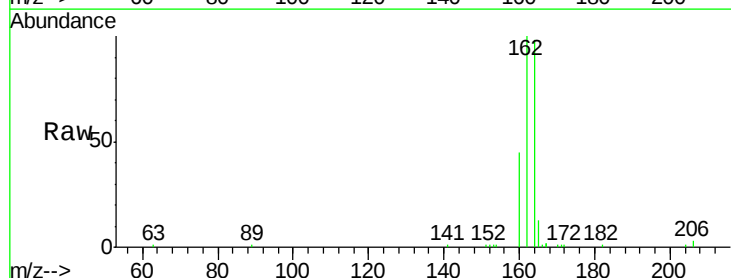
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170705

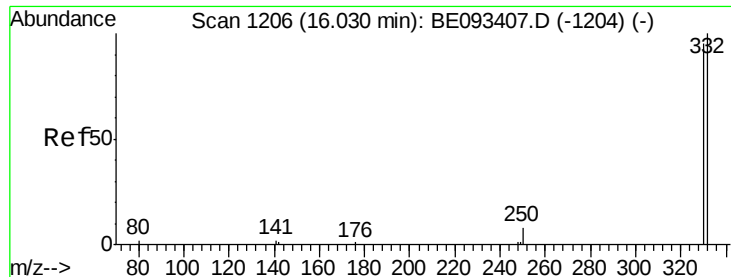
Tgt Ion:152 Resp: 10534
Ion Ratio Lower Upper
152 100
151 19.3 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093456.D
Acq: 13 Jul 2017 13:24

Tgt Ion:164 Resp: 10241
Ion Ratio Lower Upper
164 100
162 102.1 84.6 127.0
160 45.9 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.004 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170705

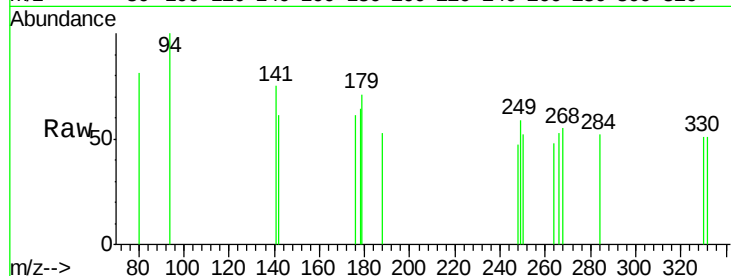
Tgt Ion:330 Resp: 12

Ion Ratio Lower Upper

330 100

332 66.7 77.7 116.5#

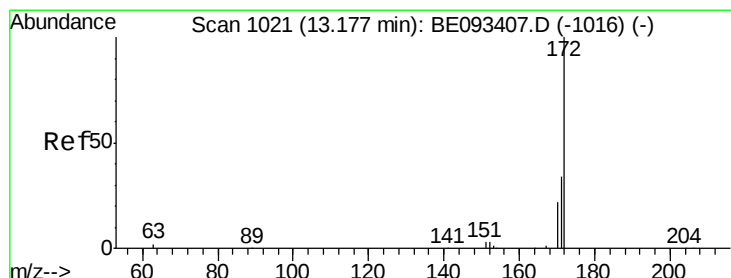
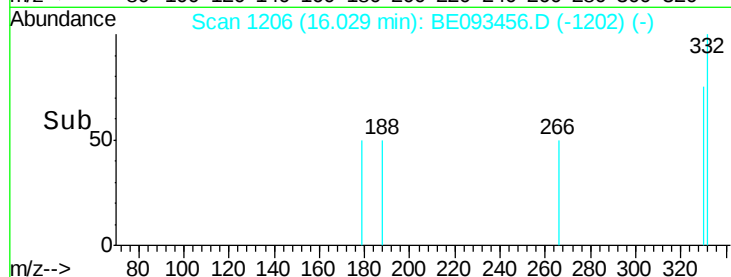
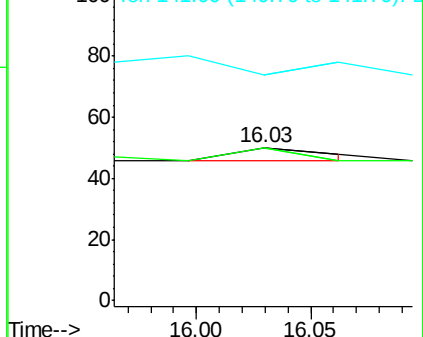
141 0.0 56.2 84.4#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.531 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

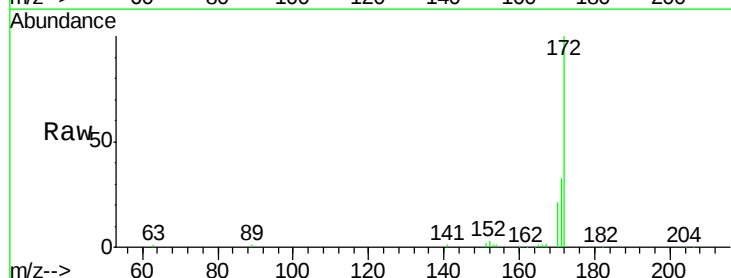
Tgt Ion:172 Resp: 21092

Ion Ratio Lower Upper

172 100

171 33.4 29.8 44.6

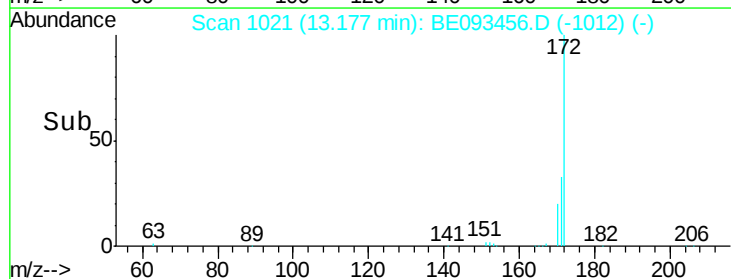
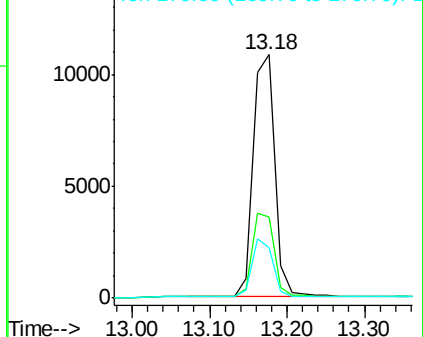
170 20.8 20.7 31.1

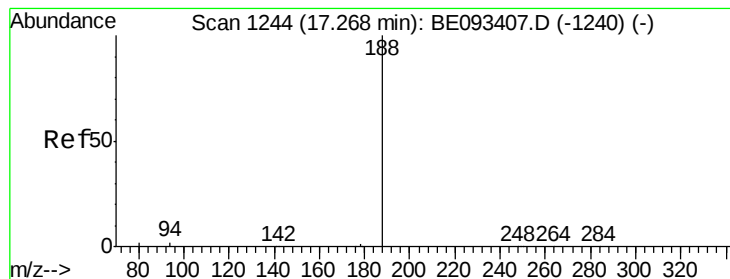


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170705

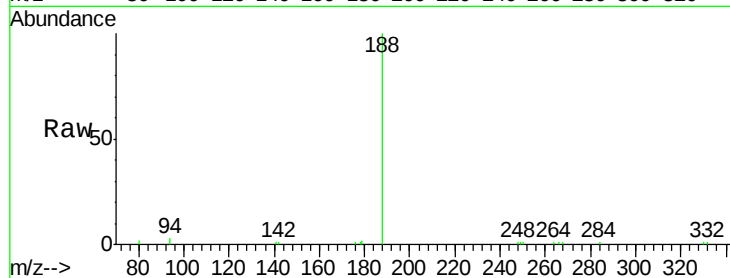
Tgt Ion:188 Resp: 19634

Ion Ratio Lower Upper

188 100

94 3.0 11.3 16.9#

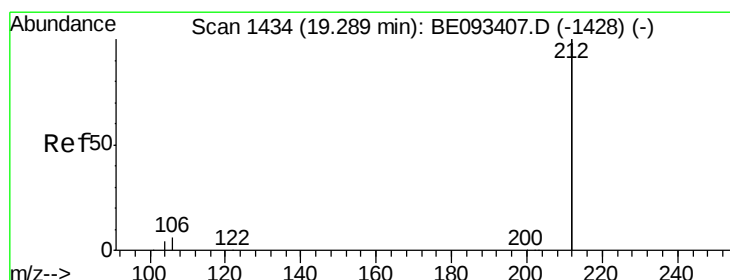
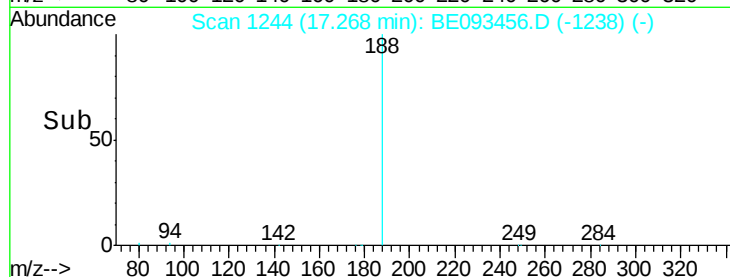
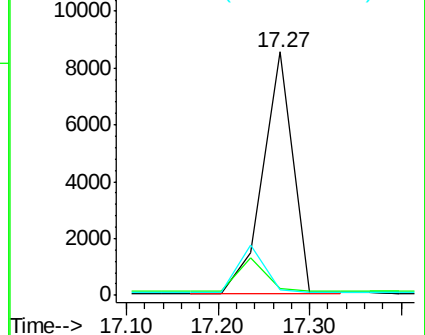
80 2.4 11.7 17.5#



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: 0.513 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

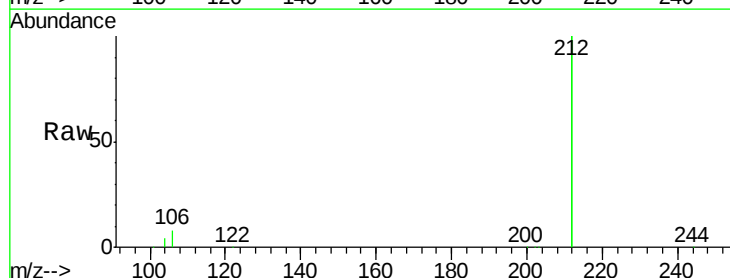
Tgt Ion:212 Resp: 121475

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

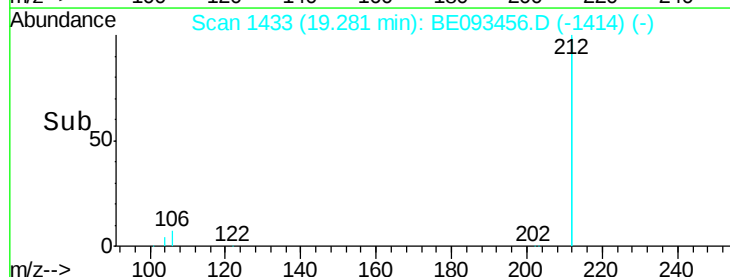
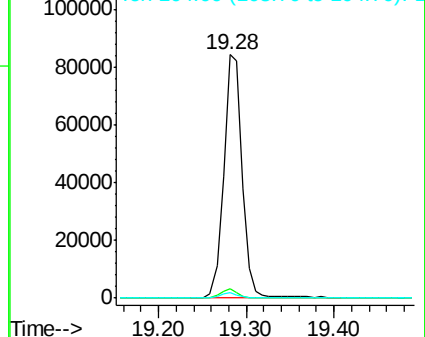
104 2.0 1.6 2.4

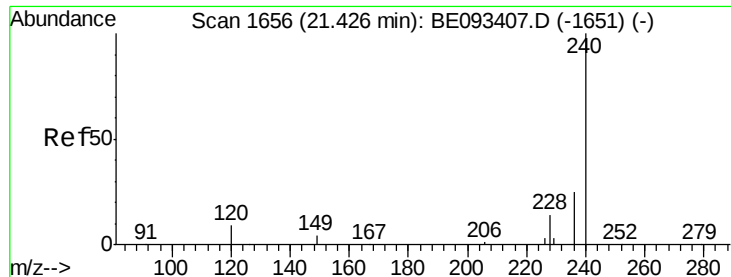


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170705

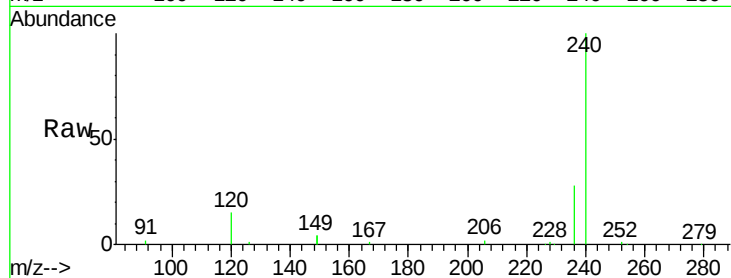
Tgt Ion:240 Resp: 35135

Ion Ratio Lower Upper

240 100

120 15.4 4.6 7.0#

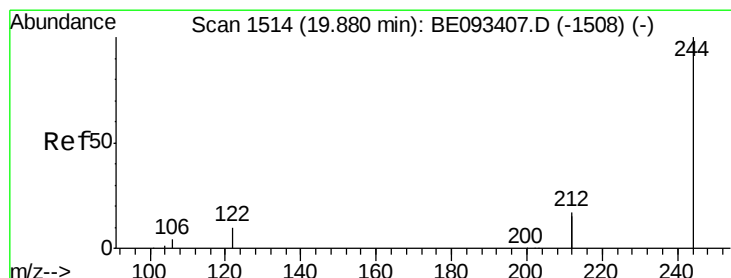
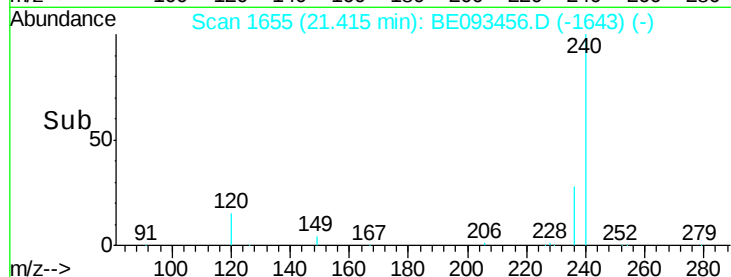
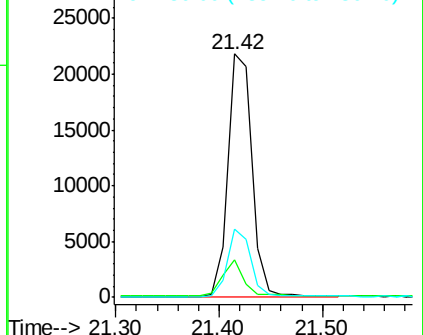
236 28.0 20.8 31.2



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: 0.373 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093456.D

Acq: 13 Jul 2017 13:24

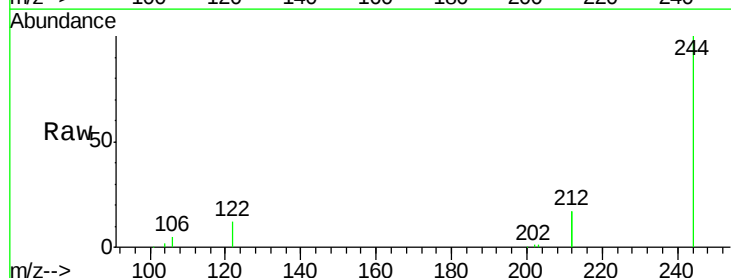
Tgt Ion:244 Resp: 23417

Ion Ratio Lower Upper

244 100

212 33.8 10.6 16.0#

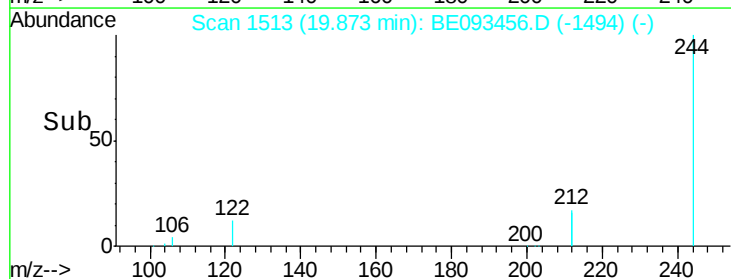
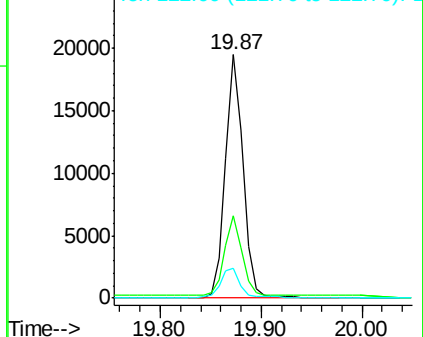
122 12.1 15.4 23.0#

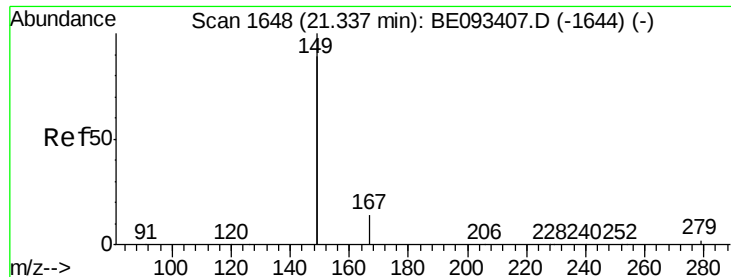


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

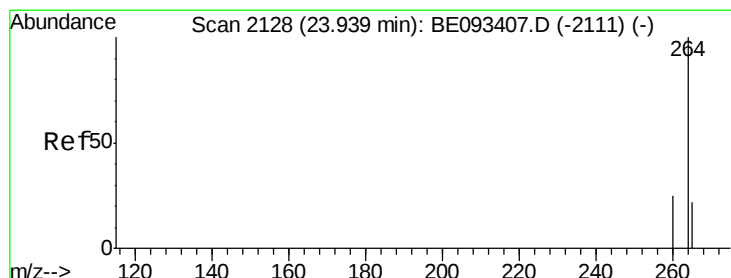
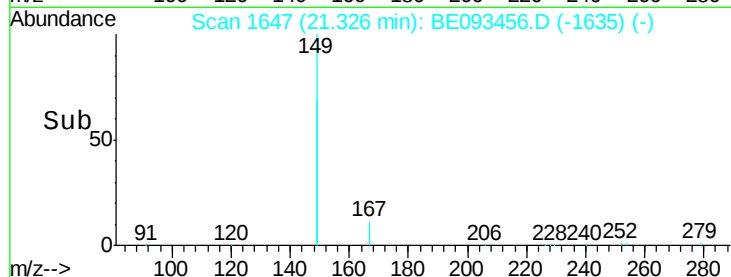
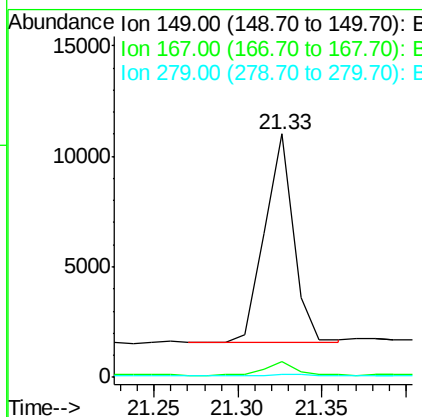
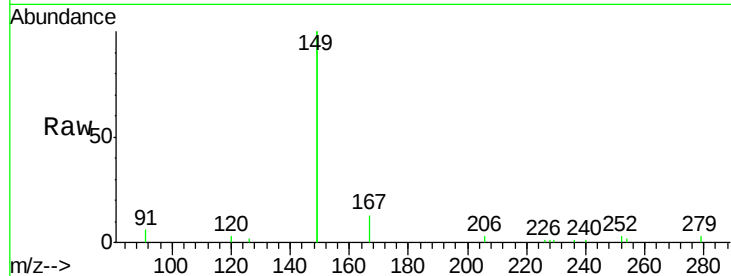




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093456.D
 Acq: 13 Jul 2017 13:24

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170705

Tgt Ion:149 Resp: 11358
 Ion Ratio Lower Upper
 149 100
 167 6.8 20.1 30.1#
 279 1.0 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093456.D
 Acq: 13 Jul 2017 13:24

Tgt Ion:264 Resp: 31868
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.0 31.4
 265 27.7 24.6 36.8

