

Data Path : Z:\HPCHEM1\BNA_E\Data\BE110217\
 Data File : BE094695.D
 Acq On : 2 Nov 2017 15:04
 Operator : SJ/JU
 Sample : I5966-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171017

Quant Time: Nov 02 18:09:51 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

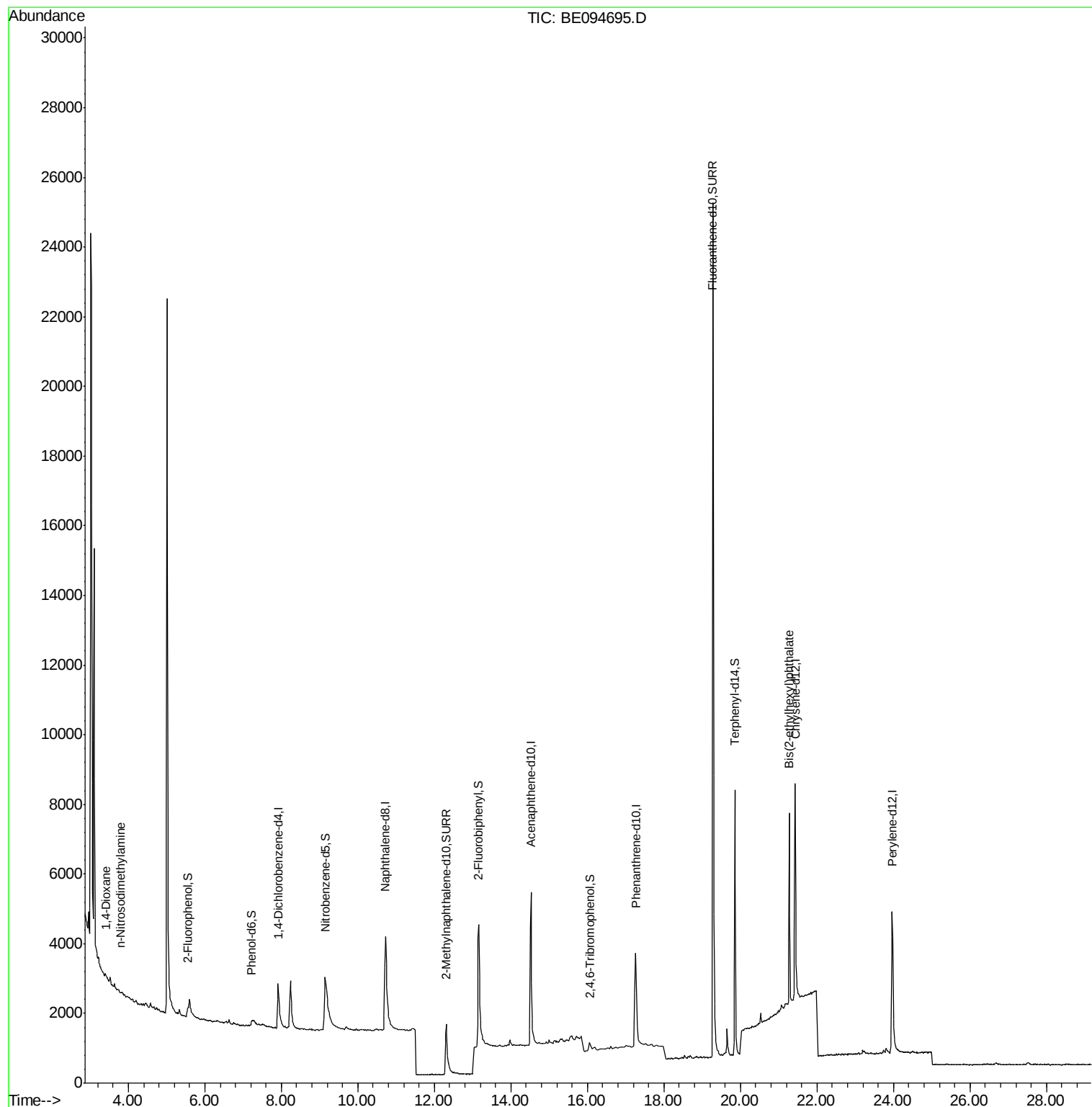
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1114	0.40	ng	0.01
7) Naphthalene-d8	10.72	136	6309	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	3919	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	7713	0.40	ng	0.03
27) Chrysene-d12	21.44	240	9153	0.40	ng	0.01
34) Perylene-d12	23.97	264	8328	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.56	112	576	0.15	ng	0.04
5) Phenol-d6	7.23	99	542	0.09	ng	0.09
8) Nitrobenzene-d5	9.15	82	1678	0.33	ng	0.07
11) 2-Methylnaphthalene-d10	12.31	152	4280	0.42	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	327	0.30	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	6789	0.49	ng	0.01
25) Fluoranthene-d10	19.28	212	43674	0.48	ng	0.00
29) Terphenyl-d14	19.86	244	7639	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	130	0.069	ng	Qvalue # 68
3) n-Nitrosodimethylamine	3.79	42	44	0.024	ng	# 18
23) Phenanthrene	17.30	178	323	Below Cal		# 67
26) Fluoranthene	19.32	202	131	Below Cal		# 51
32) Bis(2-ethylhexyl)phthalate	21.28	149	6825	0.093	ng	# 99

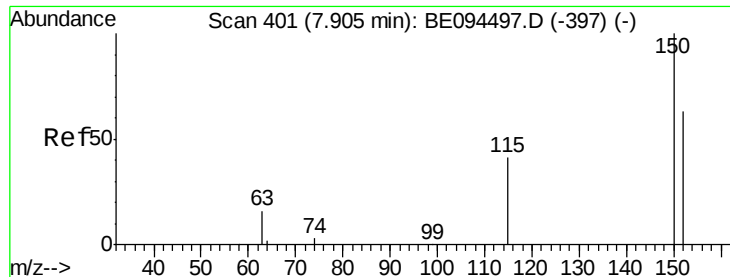
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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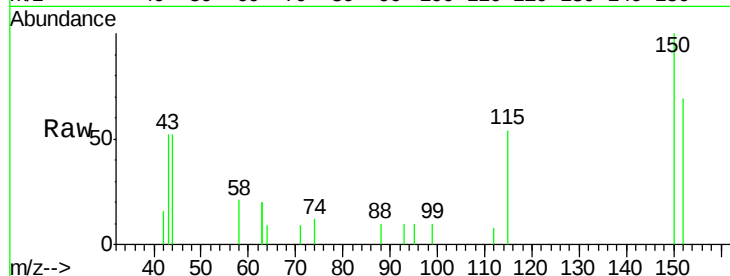


#1

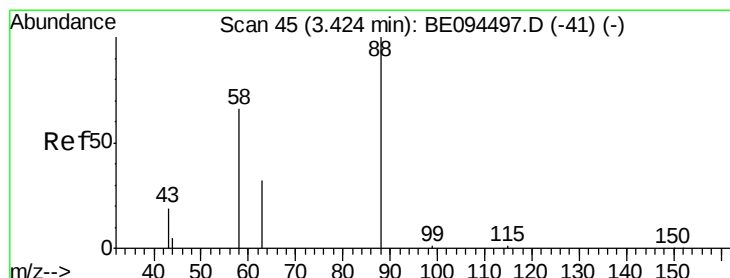
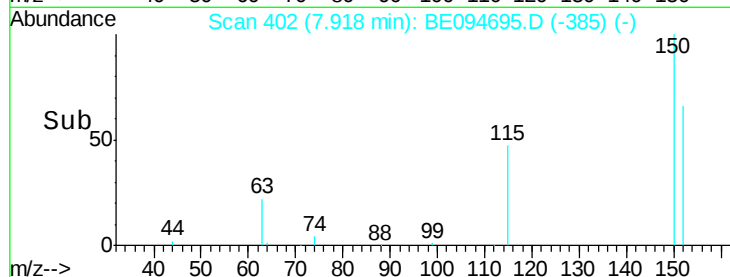
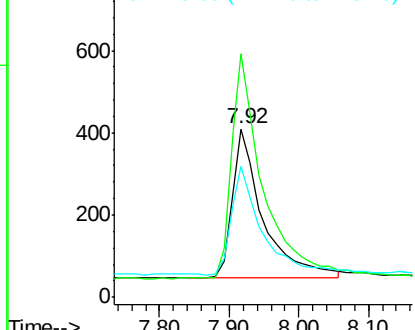
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171017

Tgt Ion: 152 Resp: 1114
Ion Ratio Lower Upper
152 100
150 144.4 117.2 175.8
115 77.3 57.0 85.6



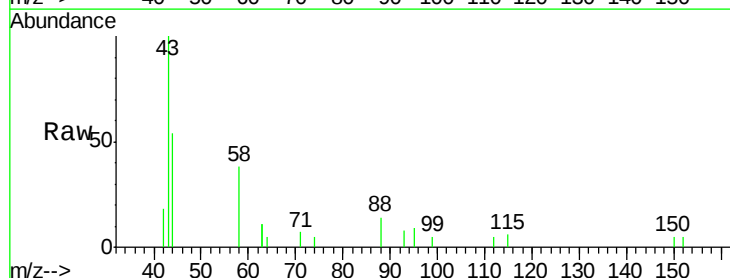
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



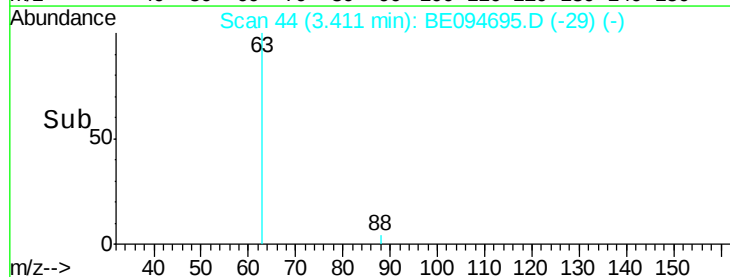
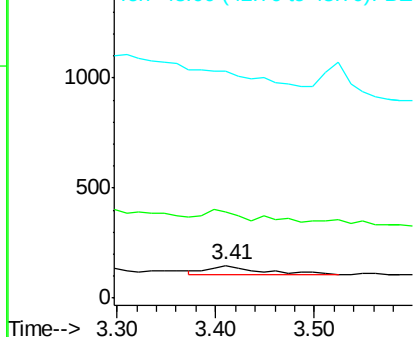
#2

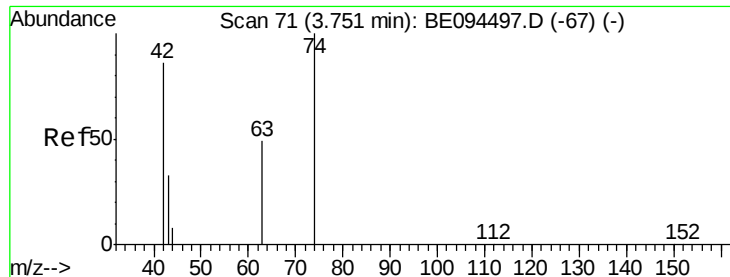
1,4-Dioxane
Concen: 0.069 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 75.4 63.2 94.8
43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.79 min Scan# 74

Delta R.T. 0.04 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

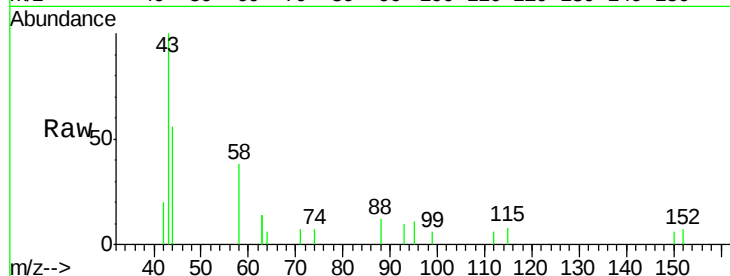
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

74 25.0 100.3 150.5#

44 0.0 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

600

500

400

300

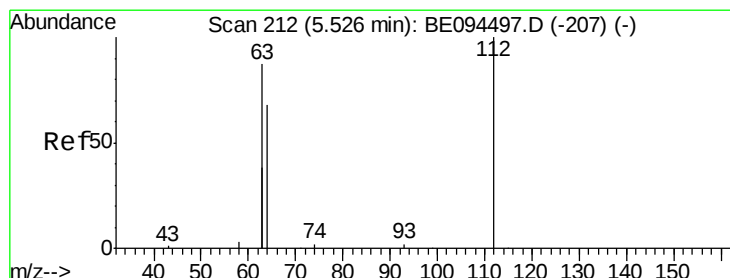
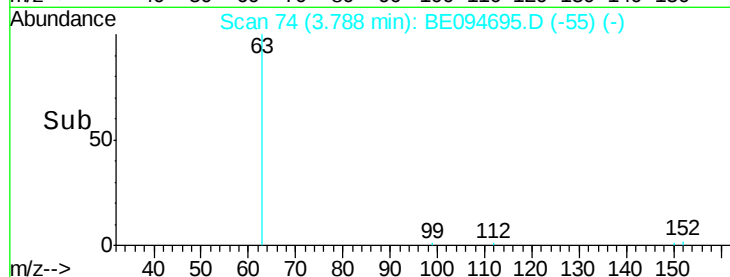
200

100

0

3.75 3.80 3.85 3.90

Time-->



#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

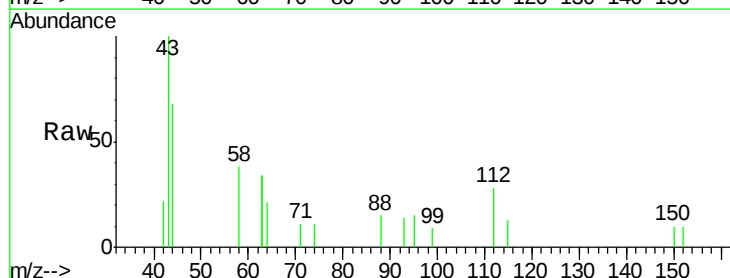
Tgt Ion: 112 Resp: 576

Ion Ratio Lower Upper

112 100

64 68.2 60.1 90.1

63 141.1 116.8 175.2



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

400

300

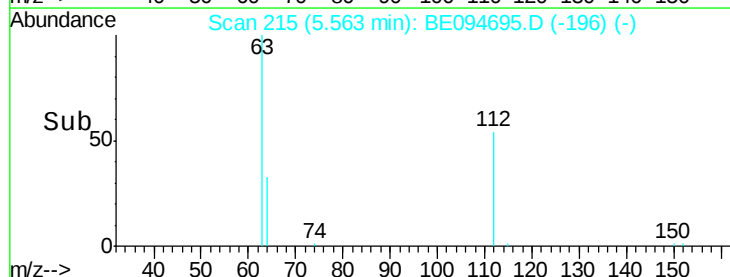
200

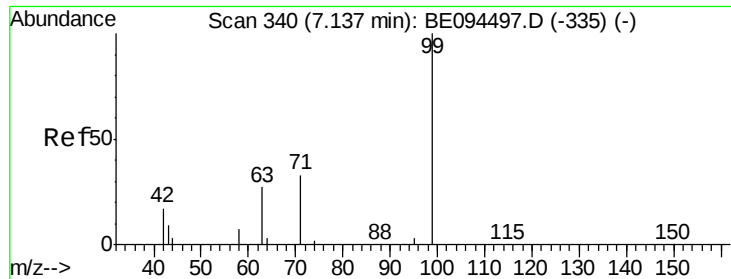
100

0

5.40 5.50 5.60 5.70

Time-->





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.23 min Scan# 347

Delta R.T. 0.09 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

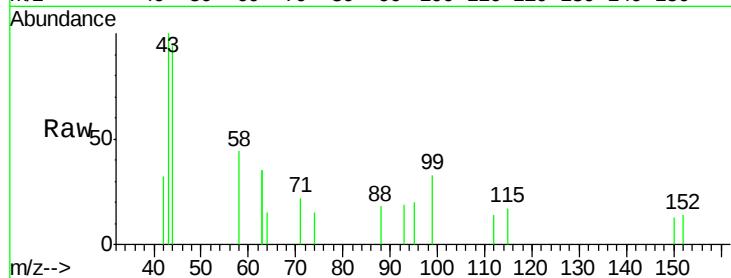
Tgt Ion: 99 Resp: 542

Ion Ratio Lower Upper

99 100

42 12.2 20.2 30.2#

71 34.5 28.4 42.6

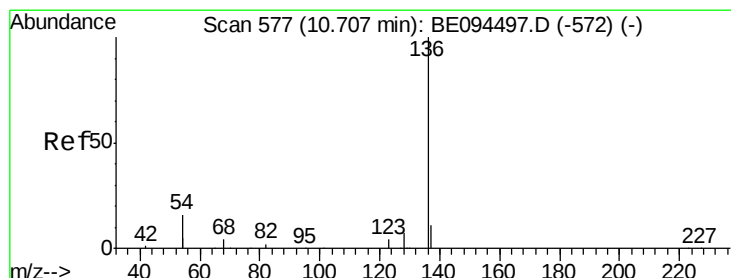
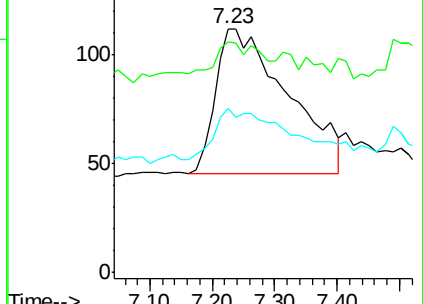
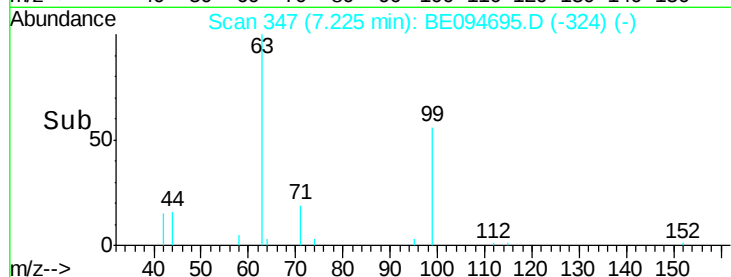


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Tgt Ion: 136 Resp: 6309

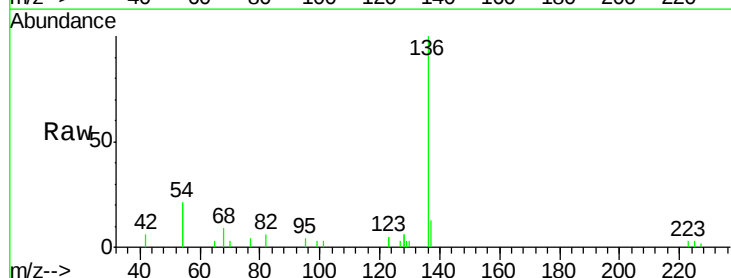
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 42.2 29.1 43.7

68 8.7 6.2 9.2



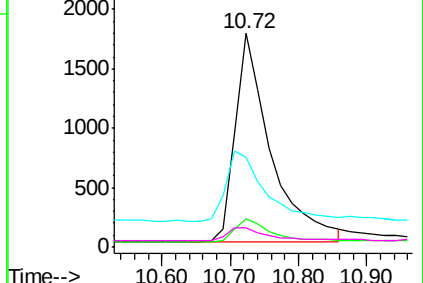
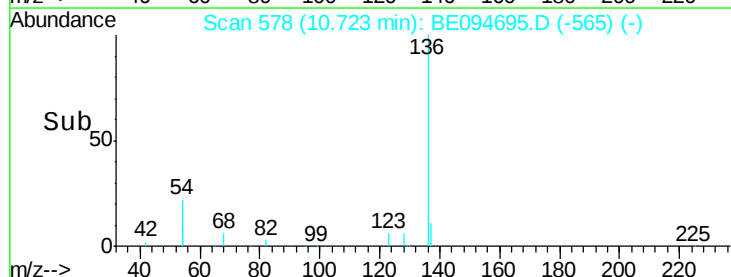
Abundance Ion 136.00 (135.70 to 136.70): E

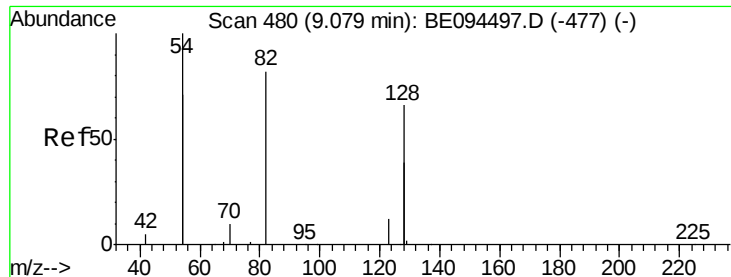
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 9.15 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

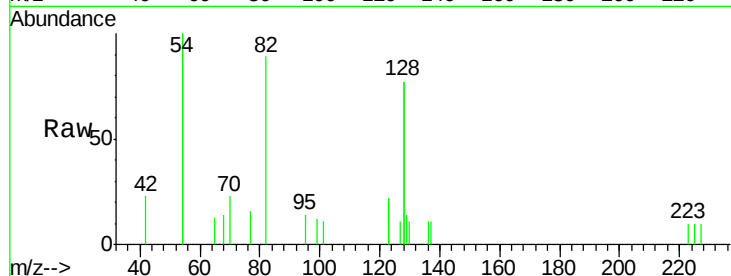
Tgt Ion: 82 Resp: 1678

Ion Ratio Lower Upper

82 100

128 173.3 150.0 225.0

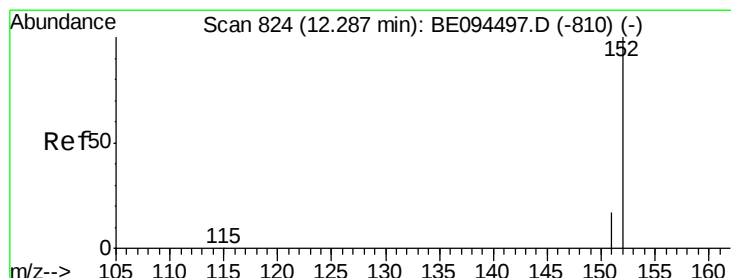
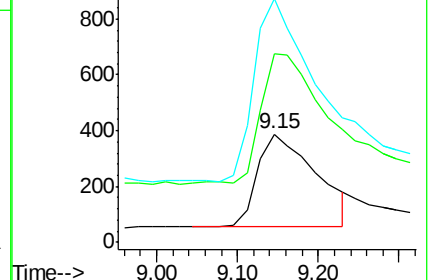
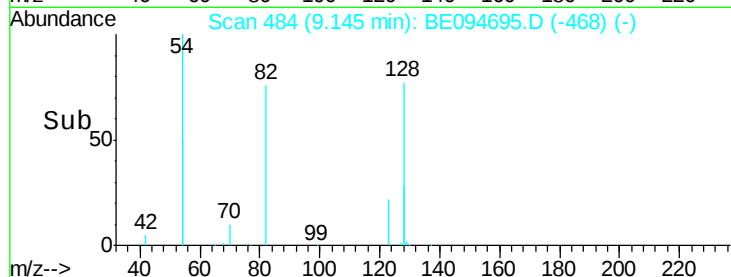
54 224.2 154.2 231.4



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



#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE094695.D

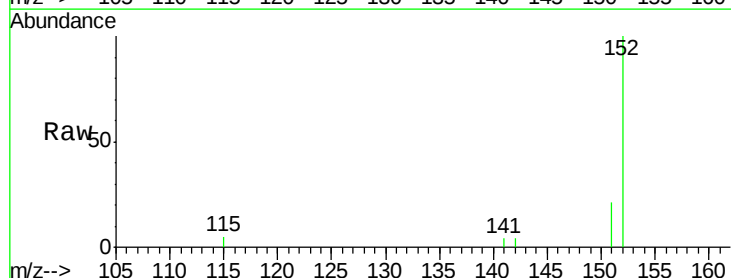
Acq: 2 Nov 2017 15:04

Tgt Ion: 152 Resp: 4280

Ion Ratio Lower Upper

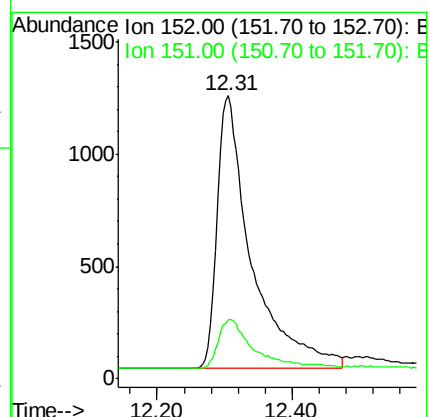
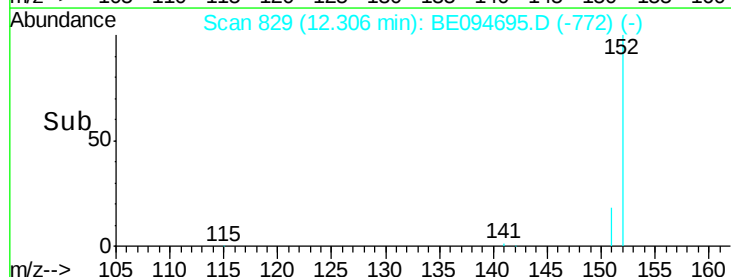
152 100

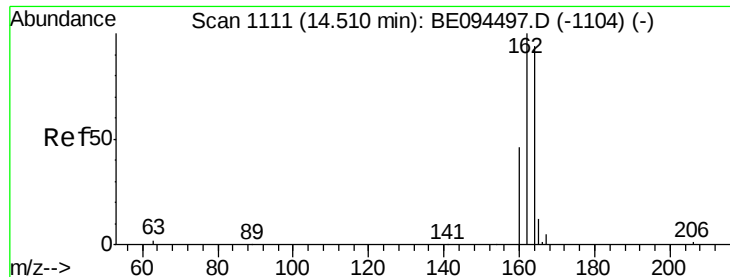
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

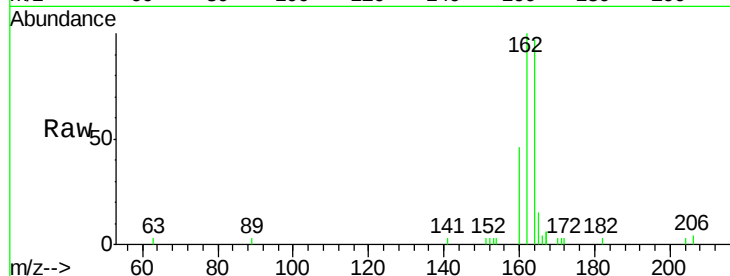
Tgt Ion:164 Resp: 3919

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

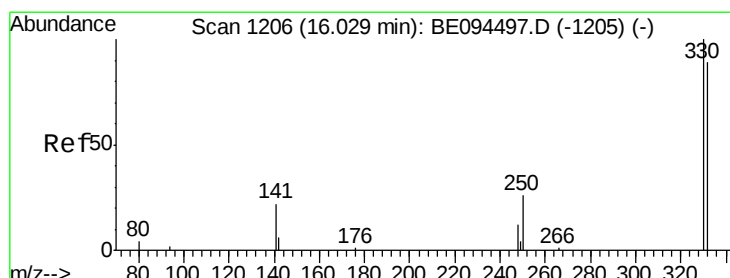
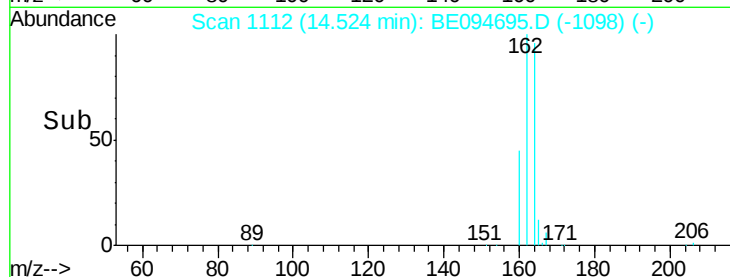
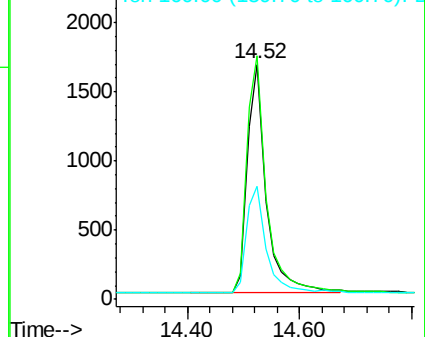
160 47.8 37.1 55.7



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: 0.302 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

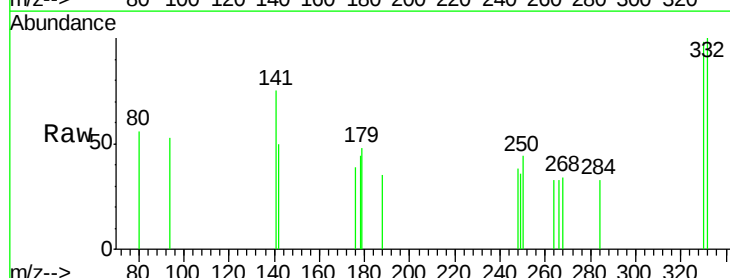
Tgt Ion:330 Resp: 327

Ion Ratio Lower Upper

330 100

332 97.6 152.7 229.1#

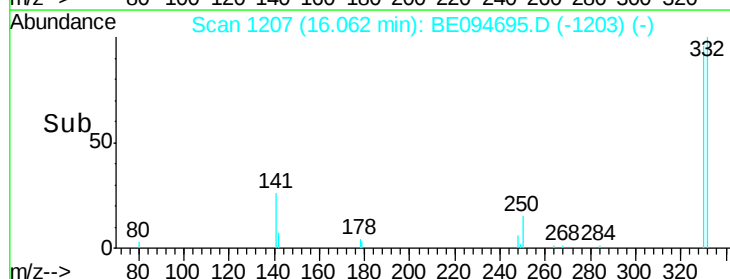
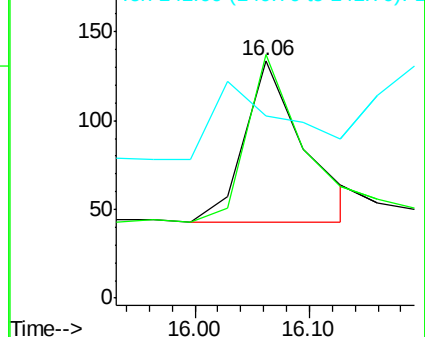
141 0.0 33.7 50.5#

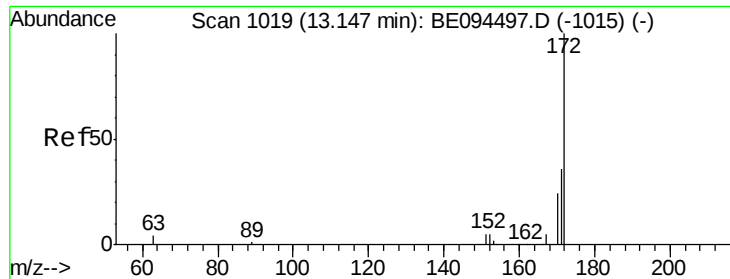


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

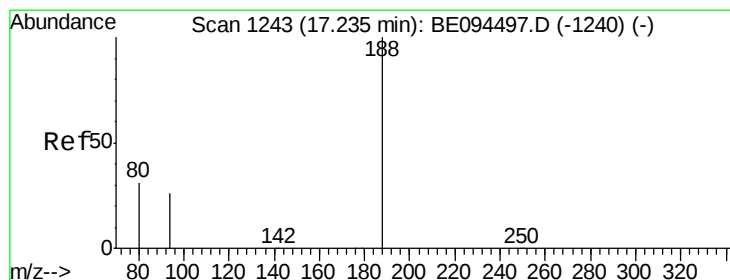
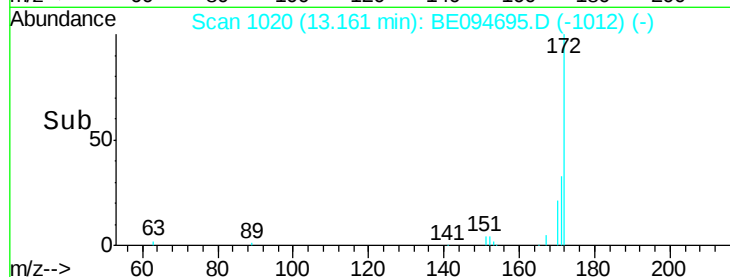
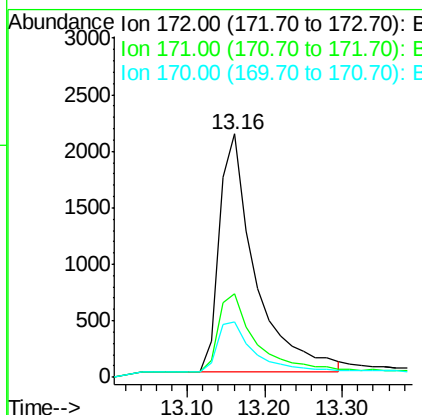
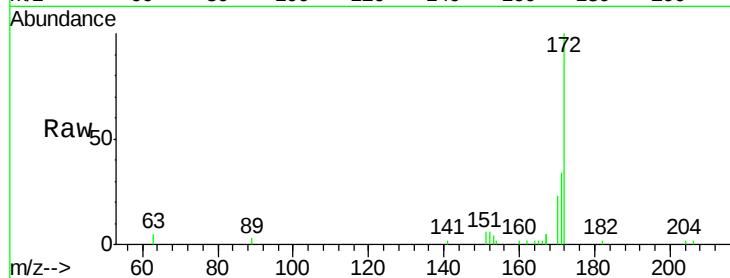




#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

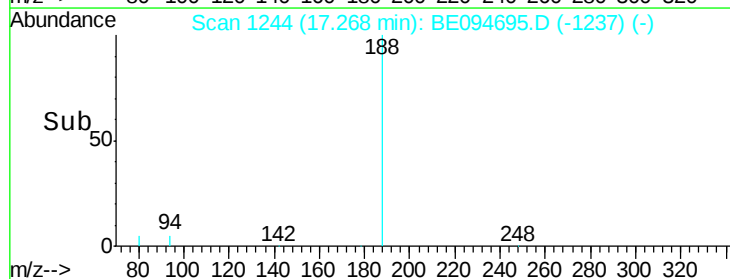
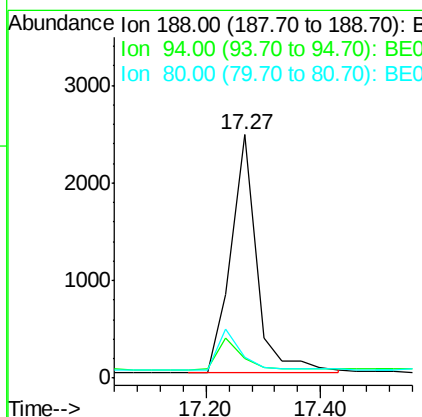
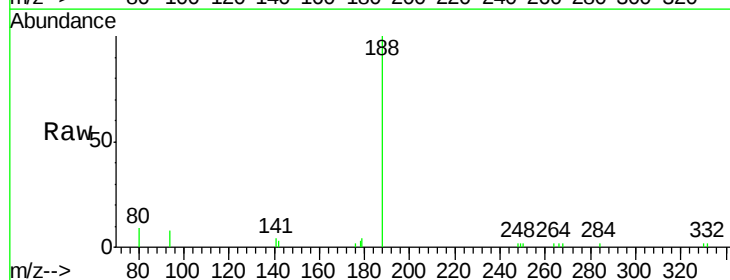
Instrument :
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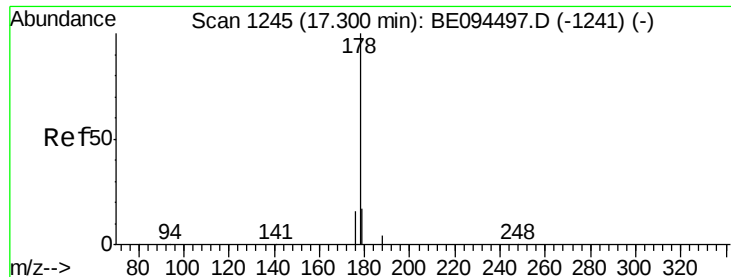
Tgt Ion:172 Resp: 6789
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 23.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

Tgt Ion:188 Resp: 7713
Ion Ratio Lower Upper
188 100
94 8.3 3.9 5.9#
80 8.5 3.6 5.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

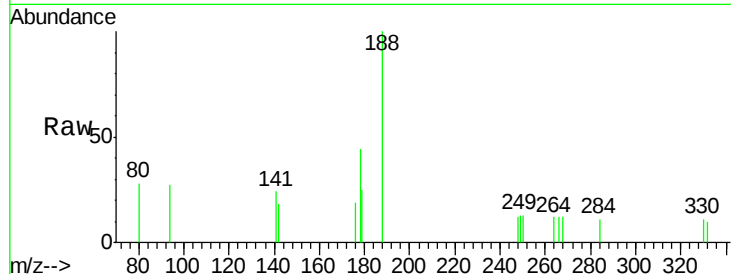
Tgt Ion:178 Resp: 323

Ion Ratio Lower Upper

178 100

176 23.5 15.1 22.7#

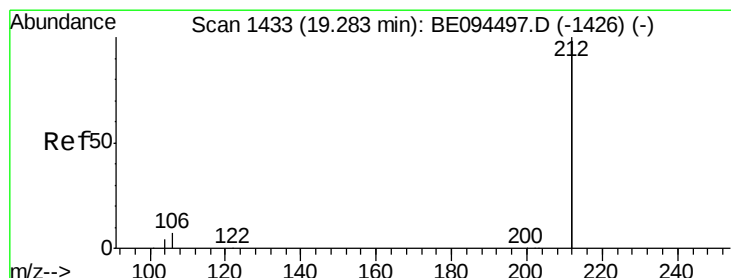
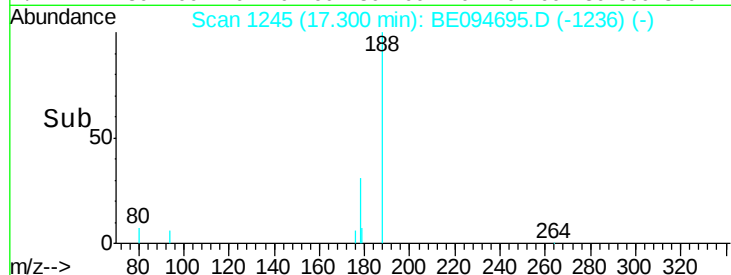
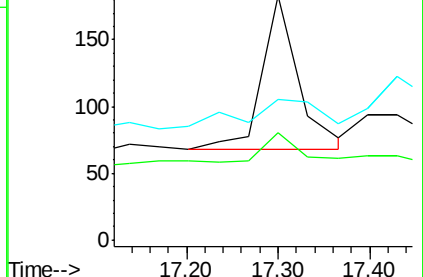
179 39.9 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.475 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

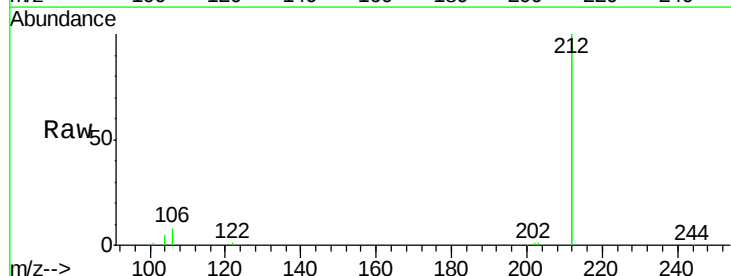
Tgt Ion:212 Resp: 43674

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

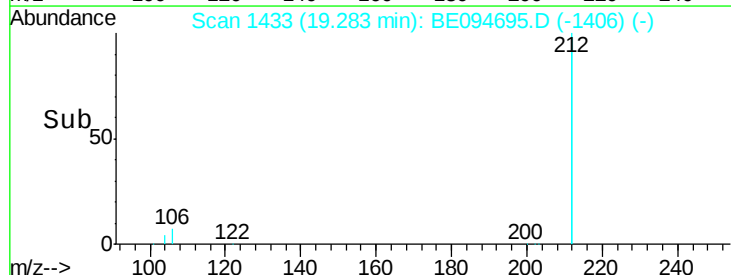
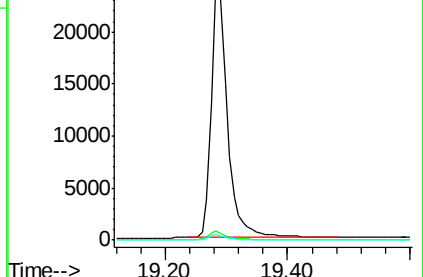
104 1.9 1.6 2.4

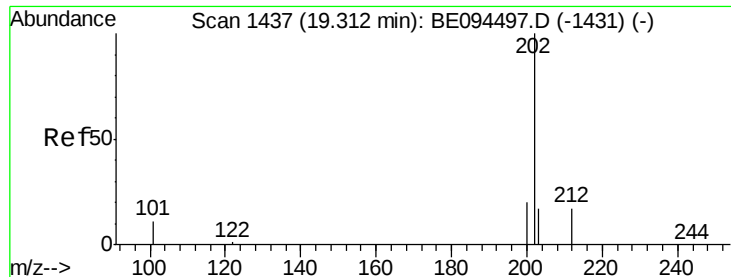


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

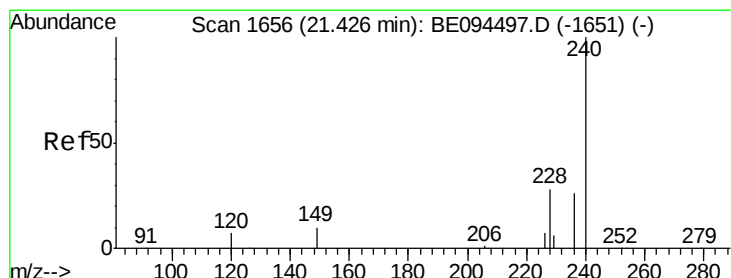
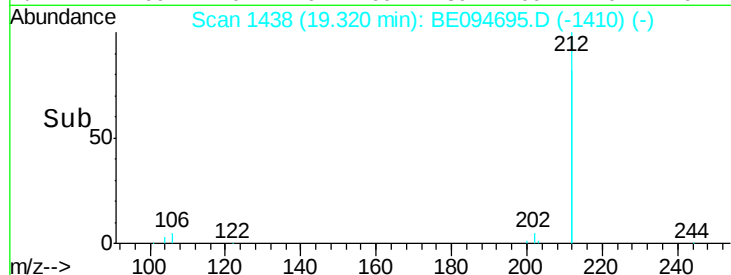
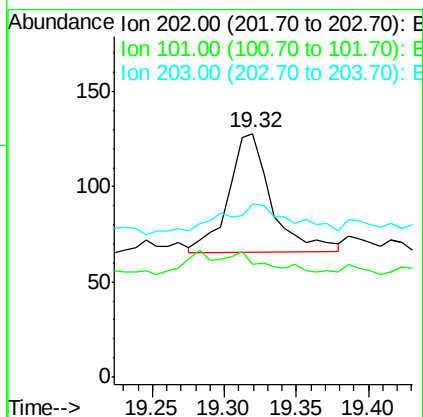
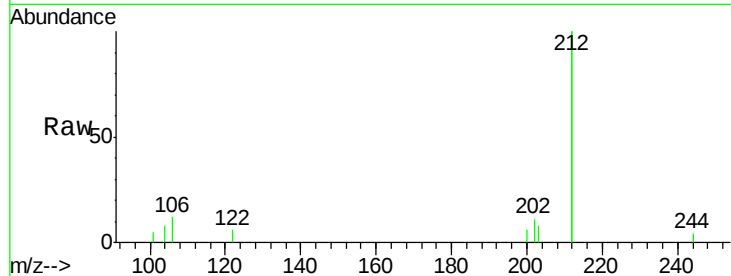




#26
Fluoranthene
Concen: Below Cal
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

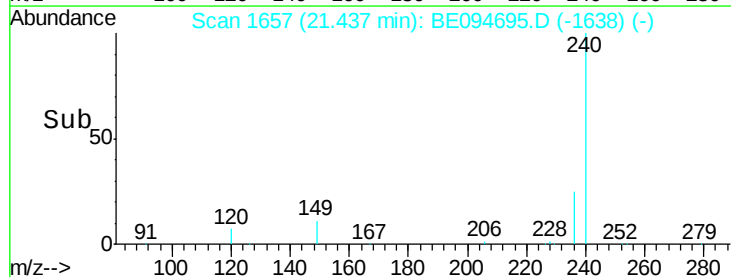
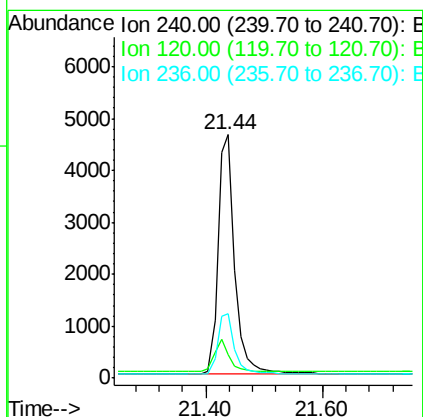
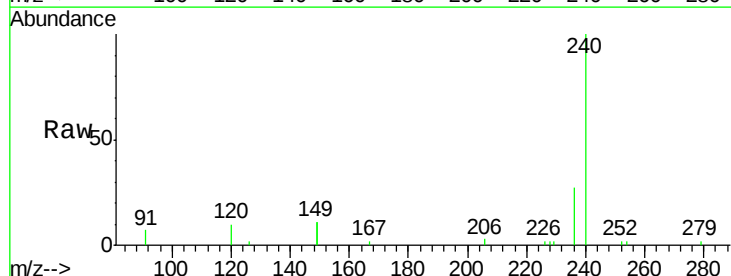
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171017

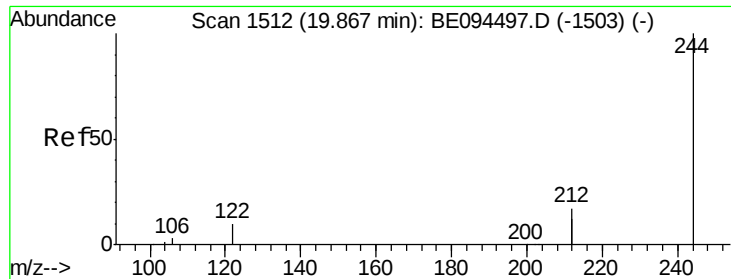
Tgt Ion: 202 Resp: 131
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
203 43.5 13.7 20.5#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094695.D
Acq: 2 Nov 2017 15:04

Tgt Ion: 240 Resp: 9153
Ion Ratio Lower Upper
240 100
120 9.6 5.5 8.3#
236 26.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

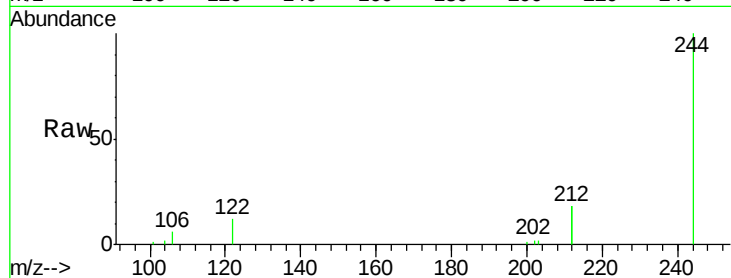
Tgt Ion:244 Resp: 7639

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

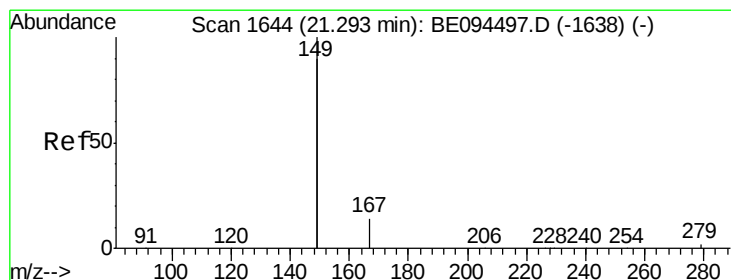
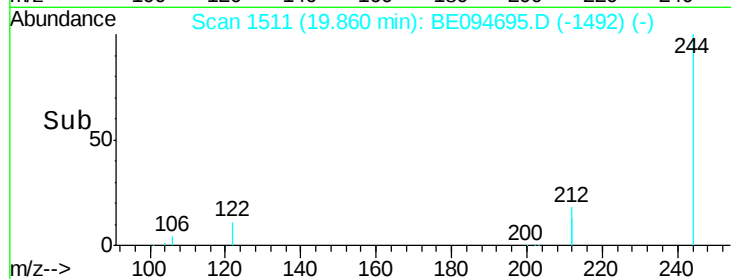
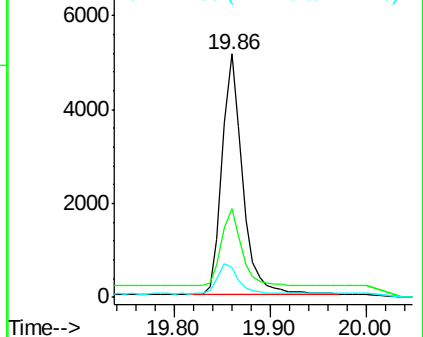
122 12.2 8.1 12.1#



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: 0.093 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

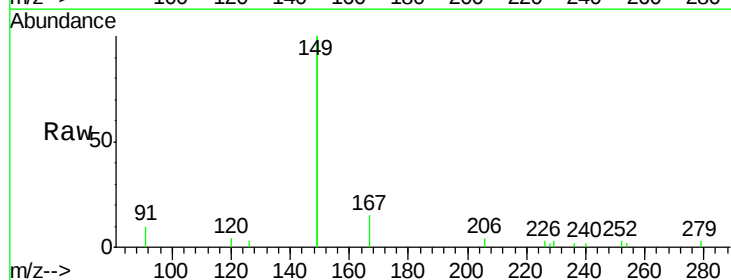
Tgt Ion:149 Resp: 6825

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

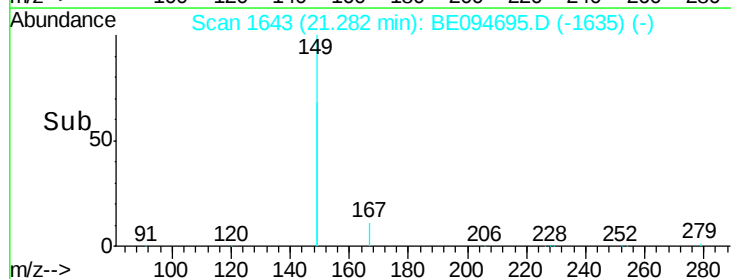
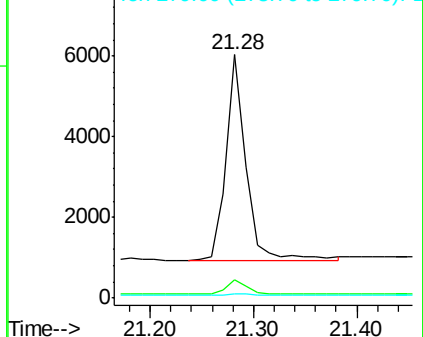
279 1.2 0.7 1.1#

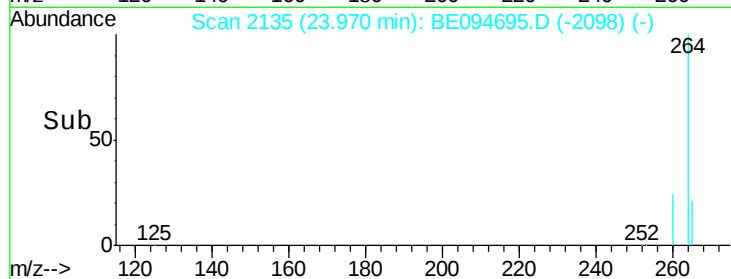
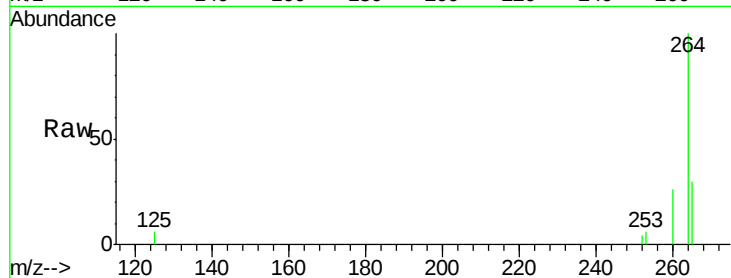
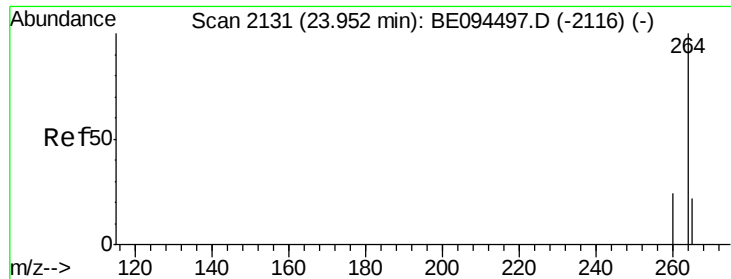


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094695.D

Acq: 2 Nov 2017 15:04

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171017

Tgt Ion: 264 Resp: 8328

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 29.6 22.8 34.2

