

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094788.D
 Acq On : 8 Nov 2017 18:18
 Operator : SJ/JU
 Sample : I6328-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Quant Time: Nov 09 00:21:29 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

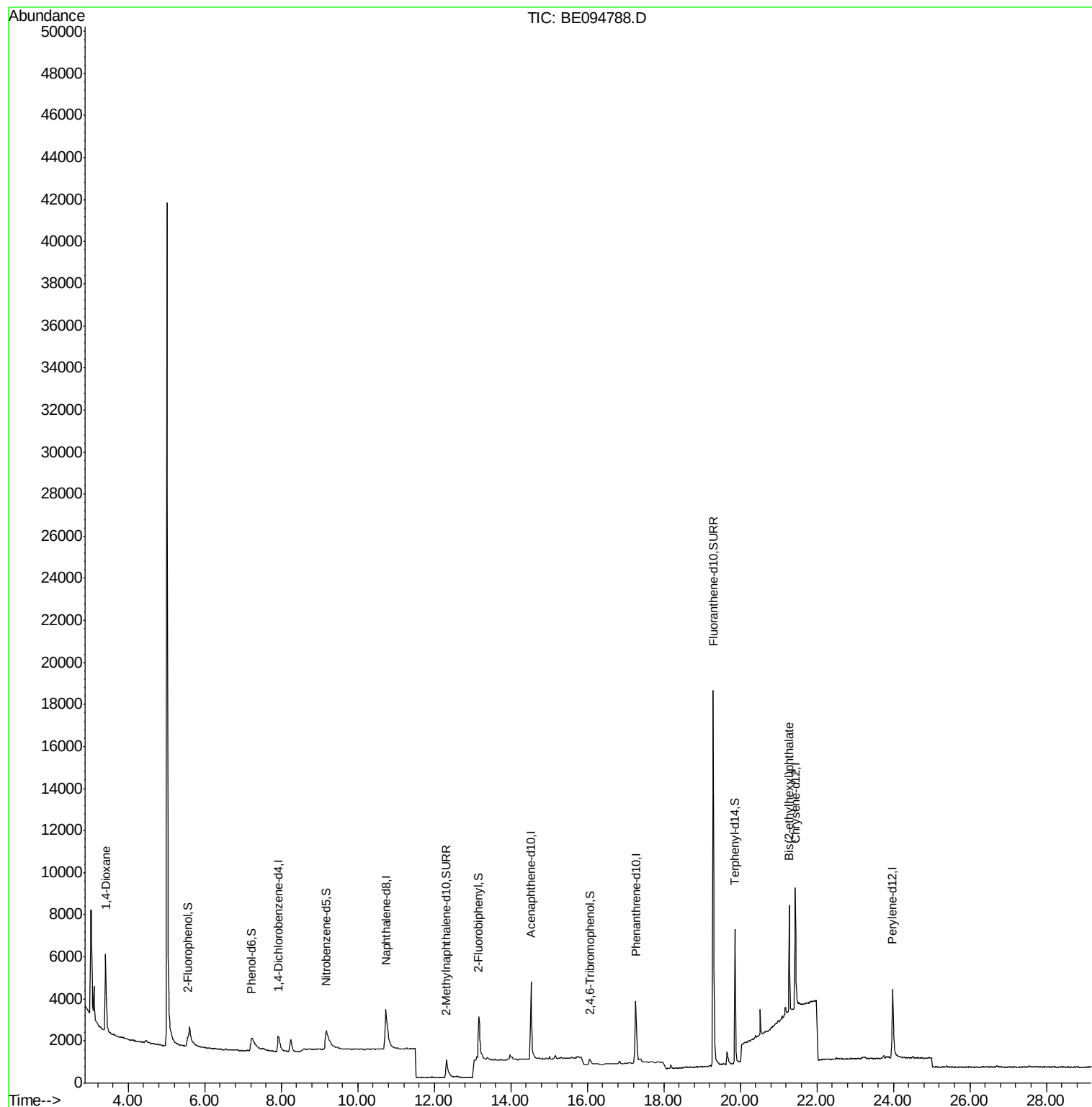
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	862	0.40	ng	0.03
7) Naphthalene-d8	10.74	136	5317	0.40	ng	0.03
13) Acenaphthene-d10	14.53	164	3182	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7077	0.40	ng	0.03
27) Chrysene-d12	21.44	240	7295	0.40	ng	0.01
34) Perylene-d12	23.98	264	6380	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.57	112	1088	0.37	ng	0.04
5) Phenol-d6	7.23	99	2119	0.48	ng	0.09
8) Nitrobenzene-d5	9.18	82	1031	0.24	ng	0.10
11) 2-Methylnaphthalene-d10	12.32	152	2742	0.32	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	329	0.37	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3898	0.35	ng	0.02
25) Fluoranthene-d10	19.29	212	31017	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	6536	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.41	88	3370	2.31	ng	Qvalue 91
23) Phenanthrene	17.40	178	241	Below	Cal	97
26) Fluoranthene	19.32	202	254	Below	Cal #	80
32) Bis(2-ethylhexyl)phthalate	21.28	149	6091	0.10	ng #	99

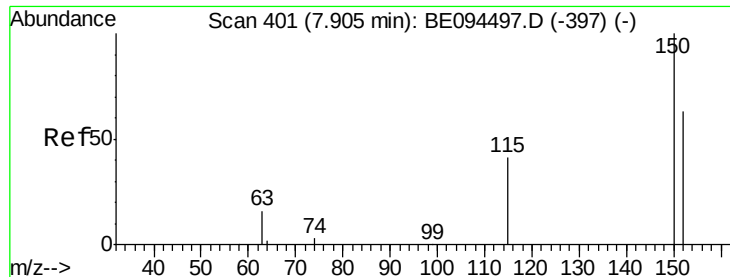
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.93 min Scan# 403

Delta R.T. 0.03 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

Instrument :

BNA_E

ClientSampled :

MW-3

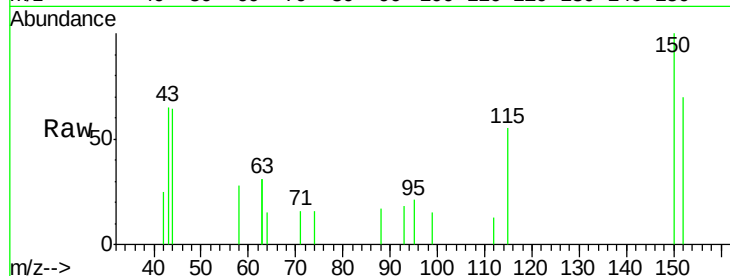
Tot Ion:152 Resp: 862

Ion Ratio Lower Upper

152 100

150 143.6 117.2 175.8

115 78.6 57.0 85.6

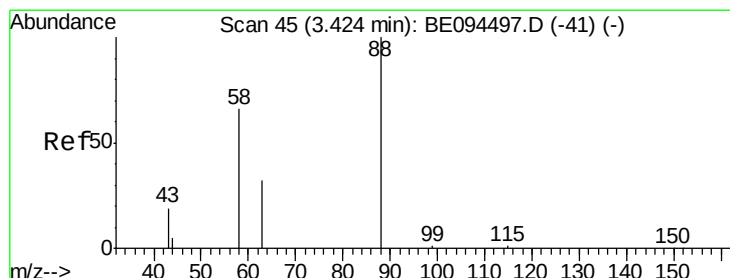
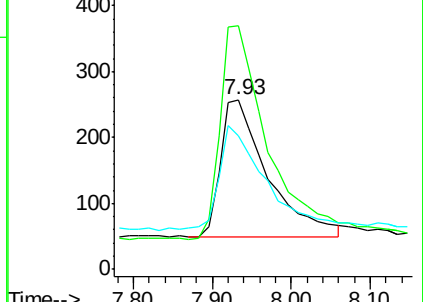
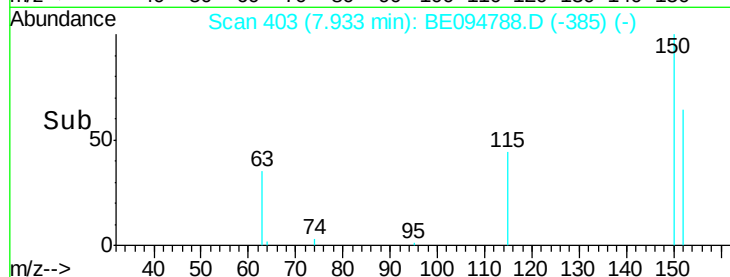


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 2.31 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

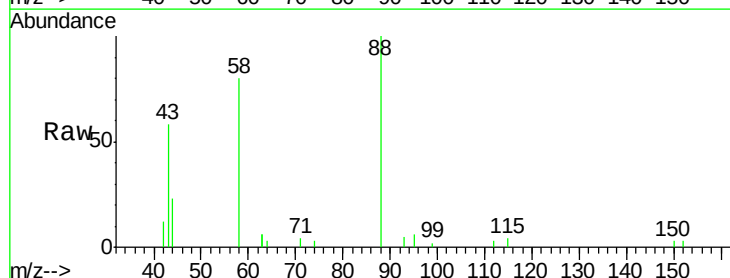
Tgt Ion: 88 Resp: 3370

Ion Ratio Lower Upper

88 100

58 85.2 63.2 94.8

43 43.0 41.2 61.8

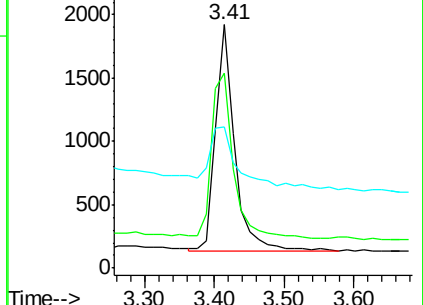
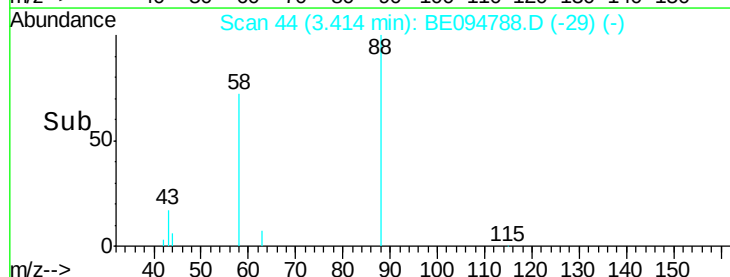


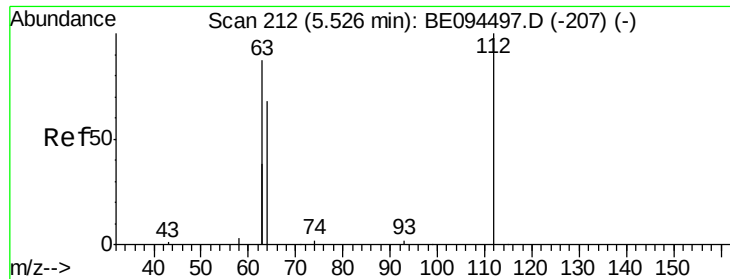
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.57 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

Instrument :

BNA_E

ClientSampleId :

MW-3

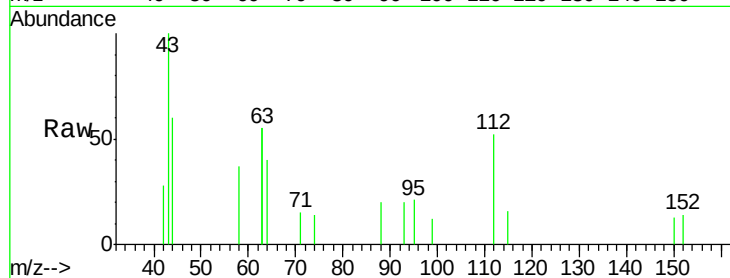
Tot Ion:112 Resp: 1088

Ion Ratio Lower Upper

112 100

64 68.9 60.1 90.1

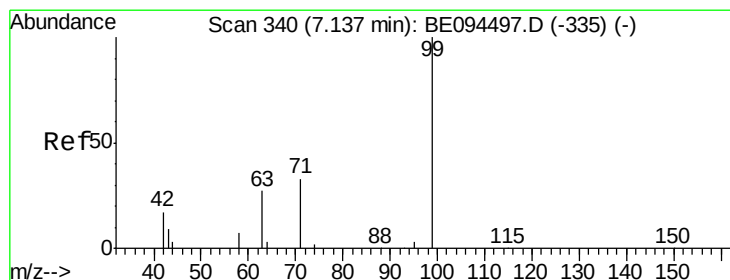
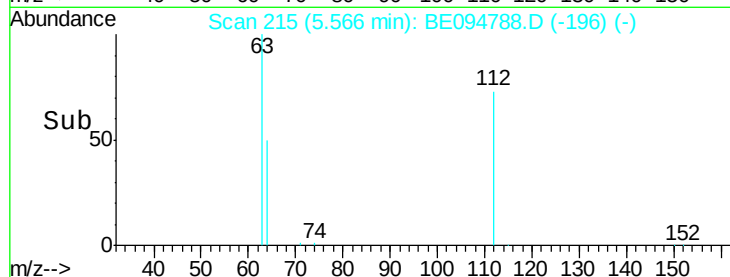
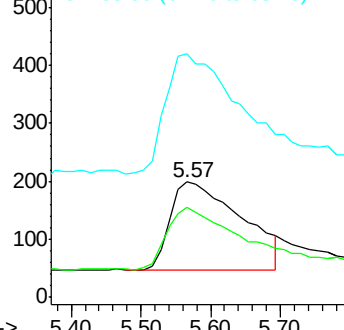
63 139.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.48 ng

RT: 7.23 min Scan# 347

Delta R.T. 0.09 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

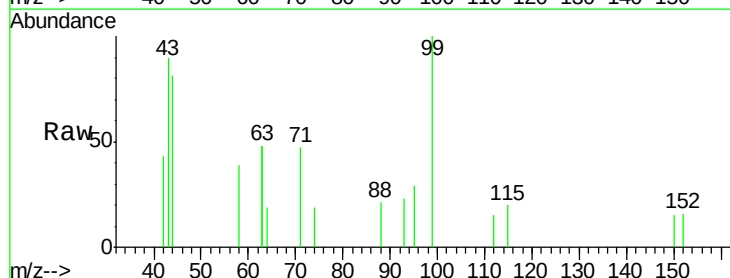
Tgt Ion: 99 Resp: 2119

Ion Ratio Lower Upper

99 100

42 19.0 20.2 30.2#

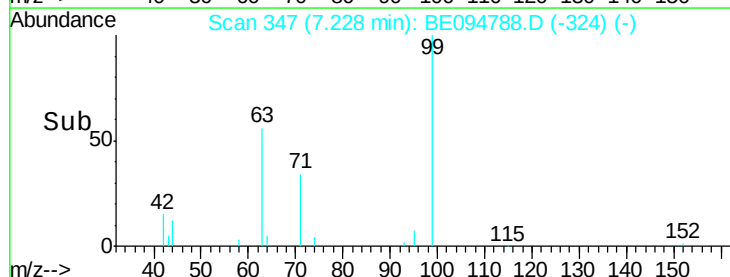
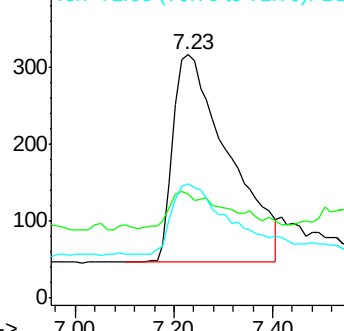
71 35.8 28.4 42.6

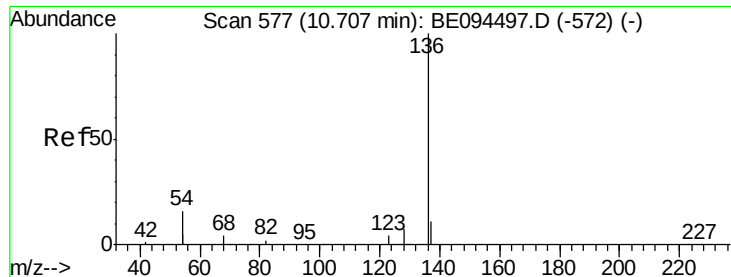


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.03 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

Instrument :

BNA_E

ClientSampleId :

MW-3

Tot Ion:136 Resp: 5317

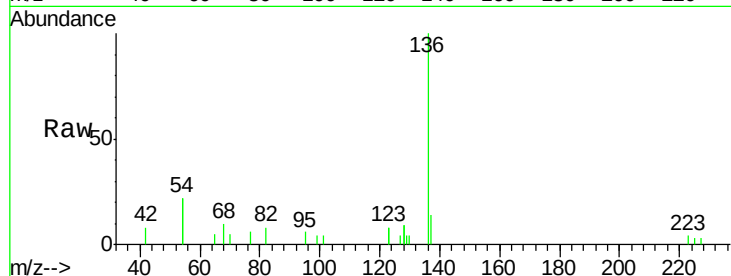
Ion Ratio Lower Upper

136 100

137 13.8 9.5 14.3

54 44.8 29.1 43.7#

68 10.1 6.2 9.2#

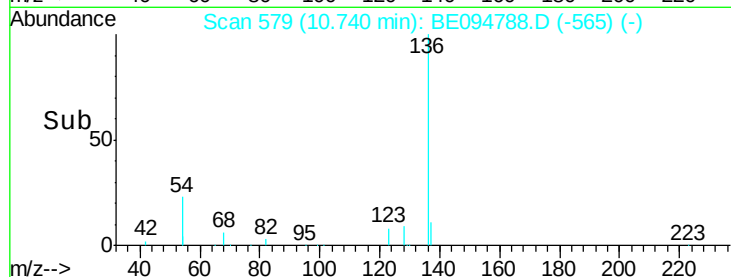


Abundance Ion 136.00 (135.70 to 136.70): E

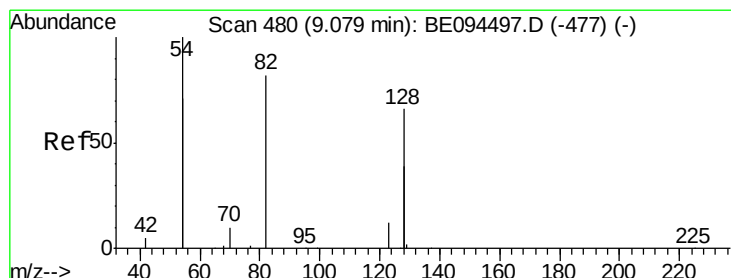
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.24 ng

RT: 9.18 min Scan# 486

Delta R.T. 0.10 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

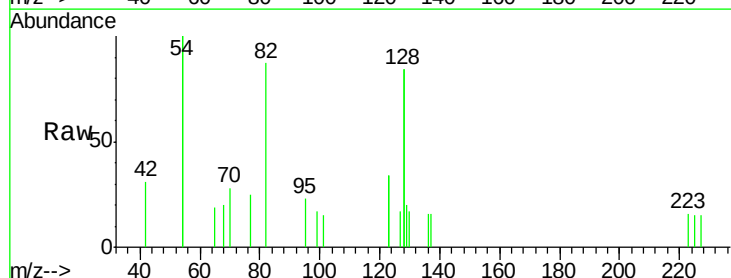
Tgt Ion: 82 Resp: 1031

Ion Ratio Lower Upper

82 100

128 193.1 150.0 225.0

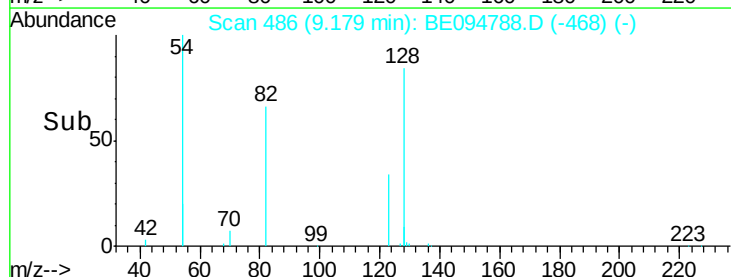
54 230.0 154.2 231.4



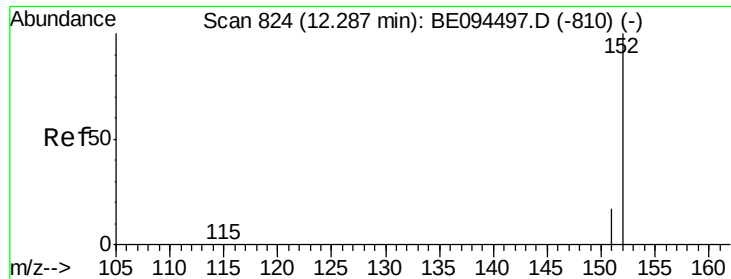
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



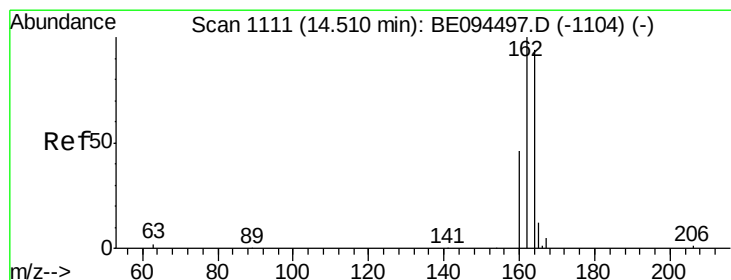
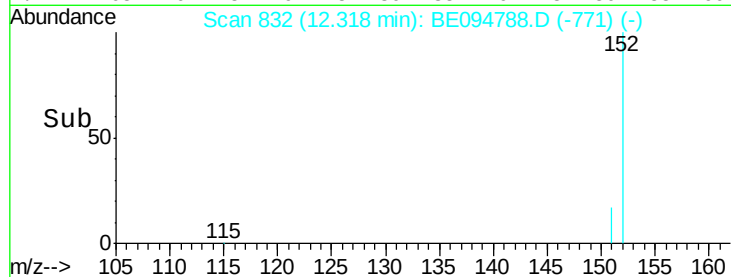
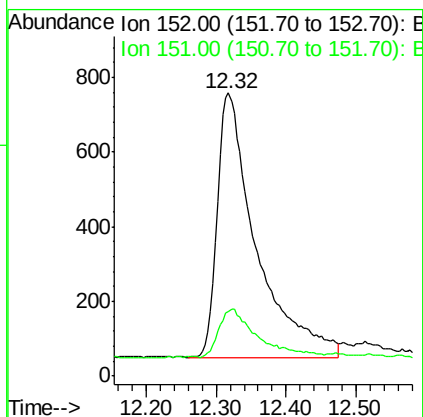
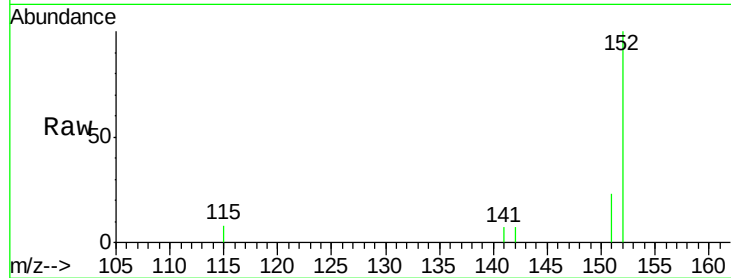
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.32 ng
 RT: 12.32 min Scan# 832
 Delta R.T. 0.03 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

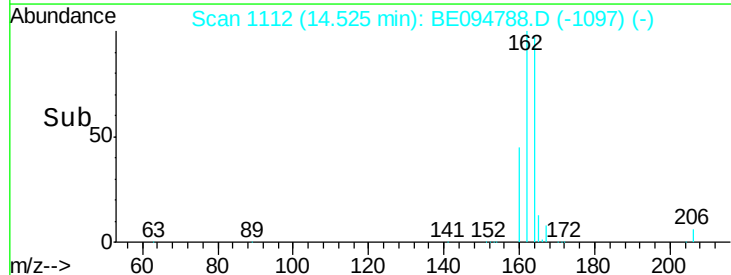
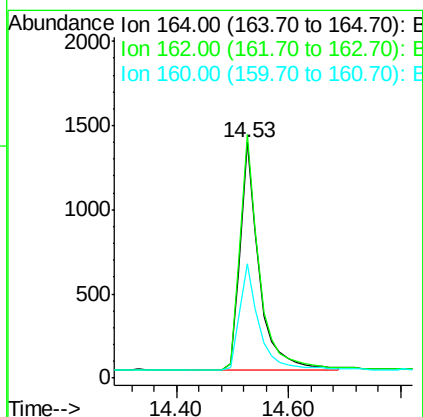
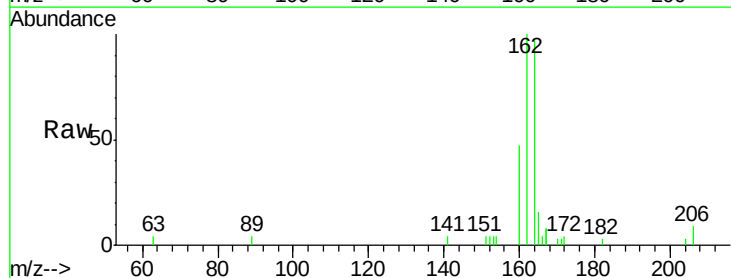
Instrument :
 BNA_E
 ClientSampleId :
 MW-3

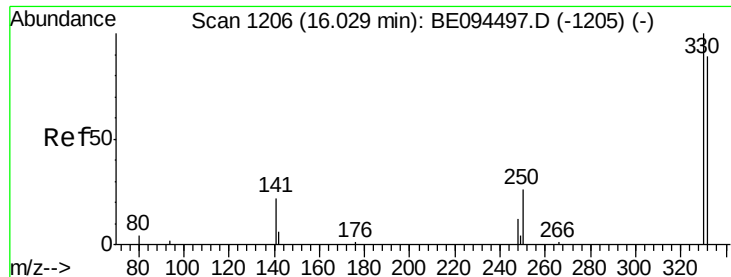
Tot Ion:152 Resp: 2742
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

Tgt Ion:164 Resp: 3182
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.1 124.7
 160 48.6 37.1 55.7

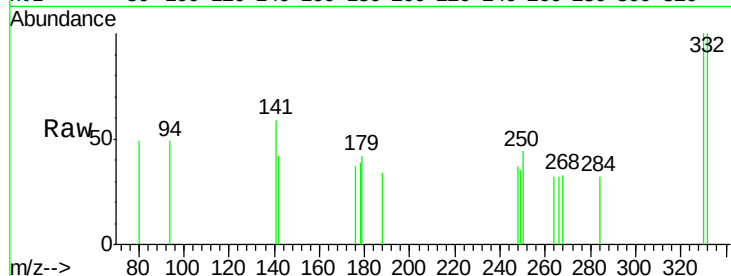




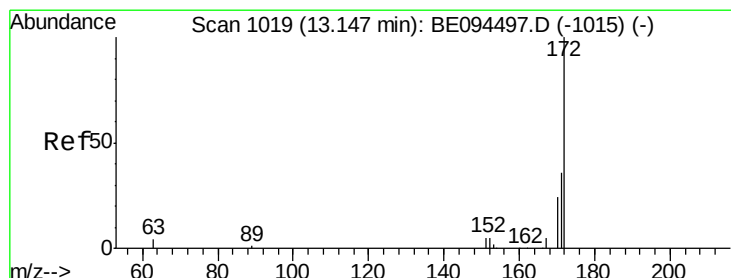
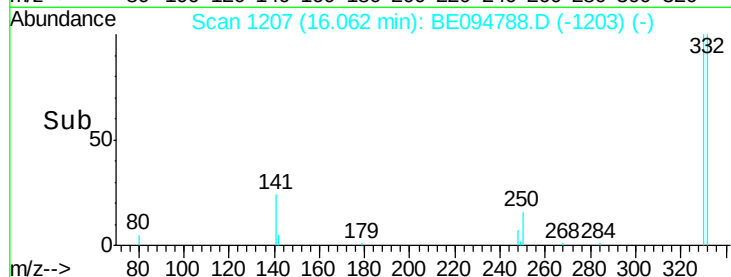
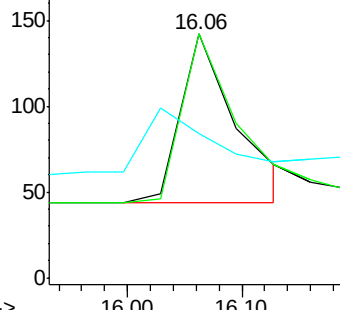
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094788.D
Acq: 8 Nov 2017 18:18

Instrument :
BNA_E
ClientSampleId :
MW-3

Tot Ion:330 Resp: 329
Ion Ratio Lower Upper
330 100
332 100.0 152.7 229.1#
141 0.0 33.7 50.5#

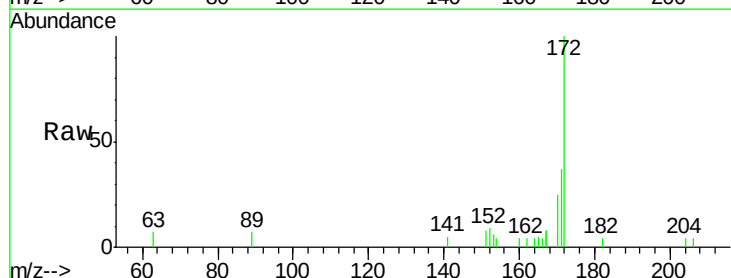


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

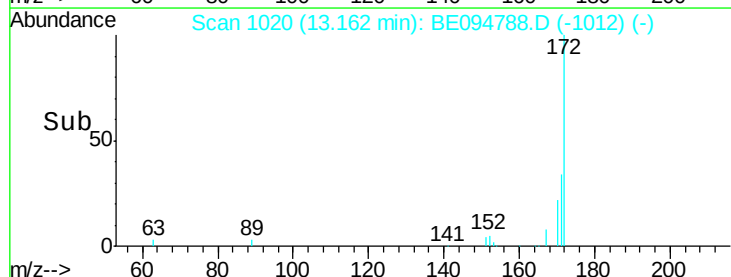
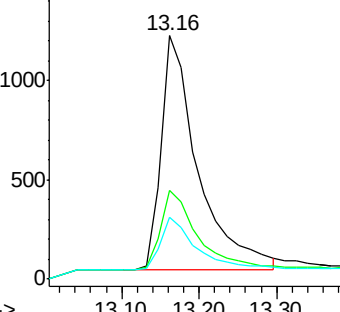


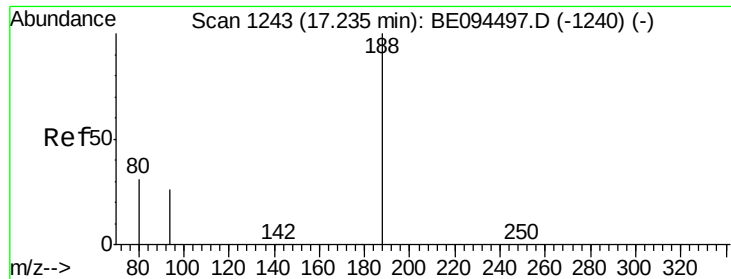
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094788.D
Acq: 8 Nov 2017 18:18

Tgt Ion:172 Resp: 3898
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 25.4 21.8 32.8



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

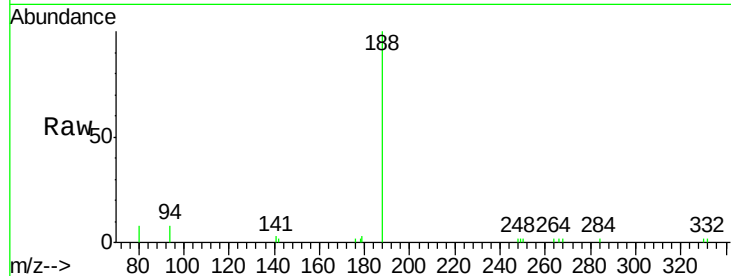




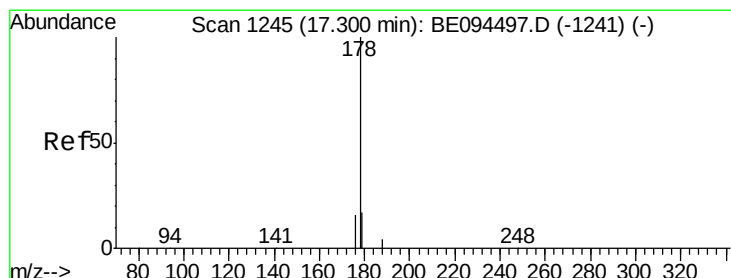
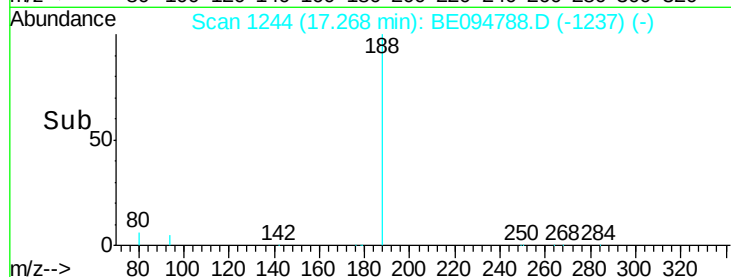
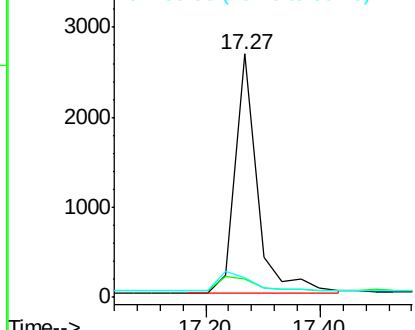
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094788.D
Acq: 8 Nov 2017 18:18

Instrument :
BNA_E
ClientSampleId :
MW-3

Tot Ion:188 Resp: 7077
Ion Ratio Lower Upper
188 100
94 7.6 3.9 5.9#
80 8.1 3.6 5.4#

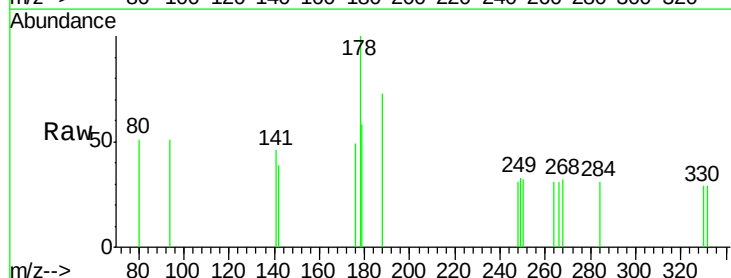


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

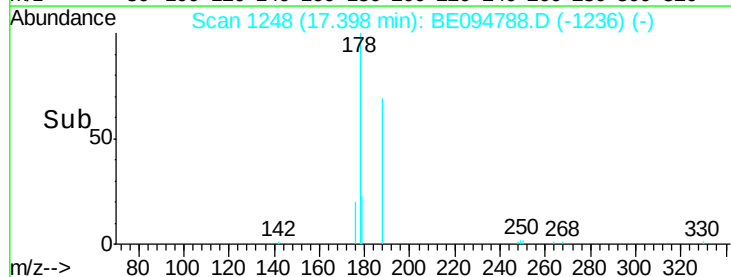
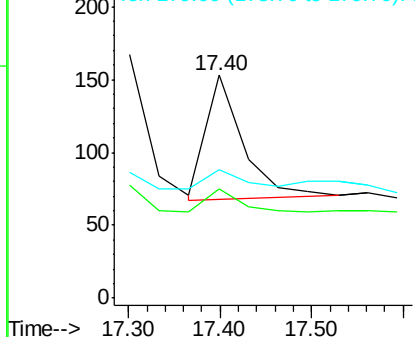


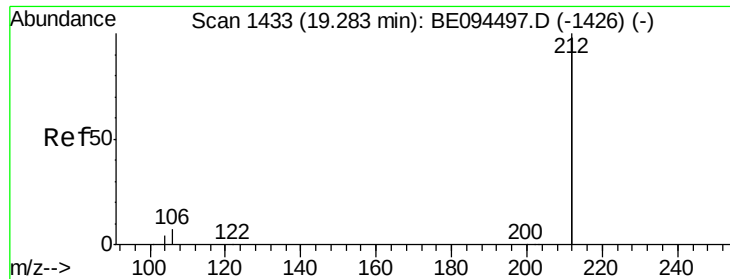
#23
Phenanthrene
Concen: Below Cal
RT: 17.40 min Scan# 1248
Delta R.T. 0.10 min
Lab File: BE094788.D
Acq: 8 Nov 2017 18:18

Tgt Ion:178 Resp: 241
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 17.0 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: 0.35 na

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094788.D

Acq: 8 Nov 2017 18:18

Instrument :

BNA_E

ClientSampleId :

MW-3

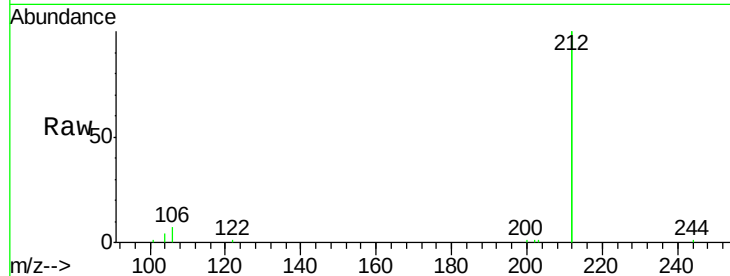
Tot Ion:212 Resp: 31017

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

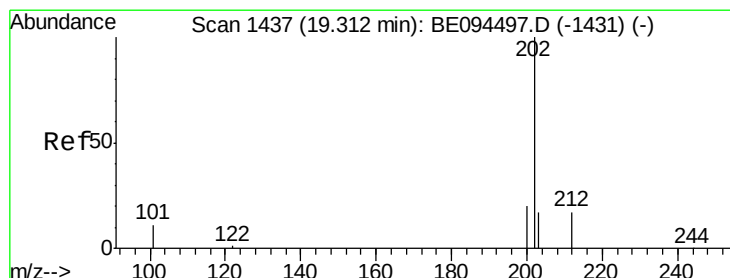
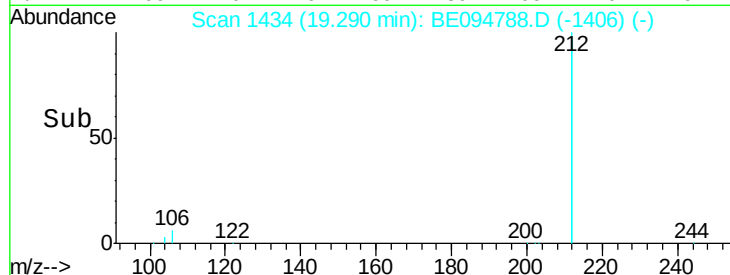
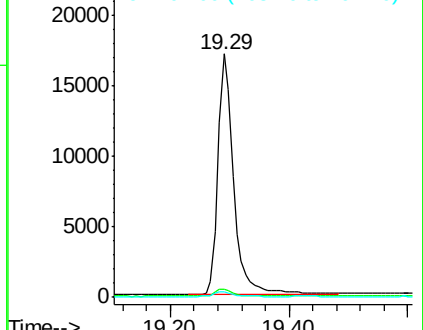
104 1.9 1.6 2.4



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: BE094788.D

Acq: 8 Nov 2017 18:18

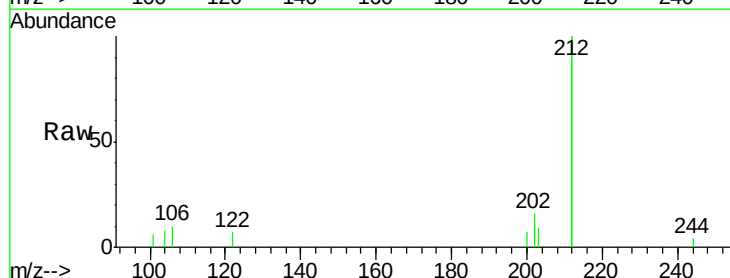
Tgt Ion:202 Resp: 254

Ion Ratio Lower Upper

202 100

101 23.6 9.8 14.8#

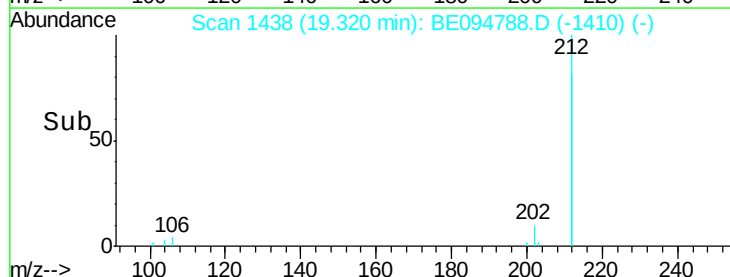
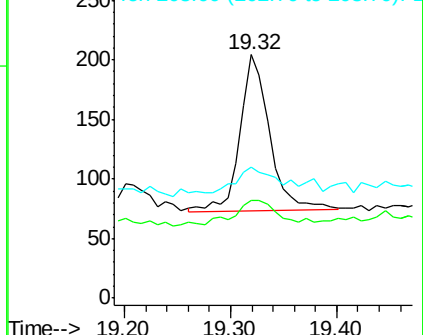
203 22.8 13.7 20.5#

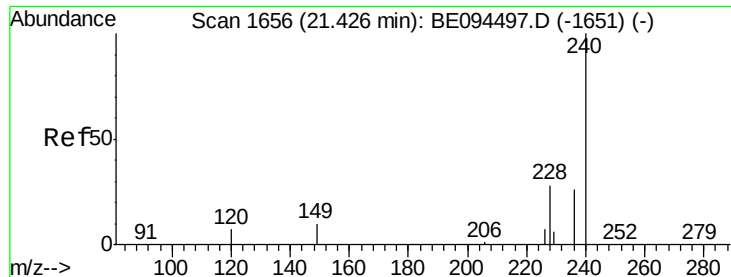


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

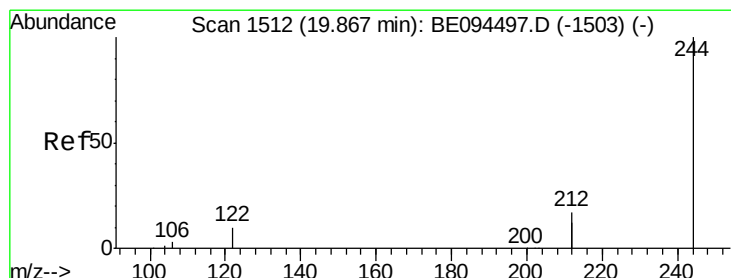
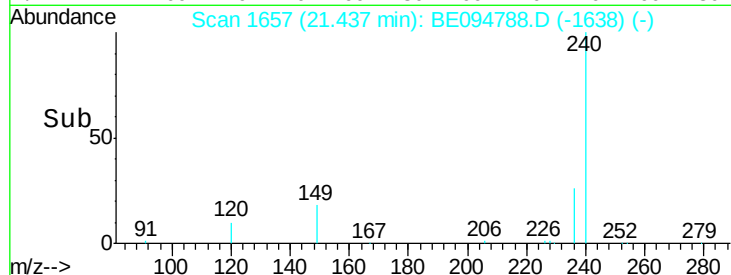
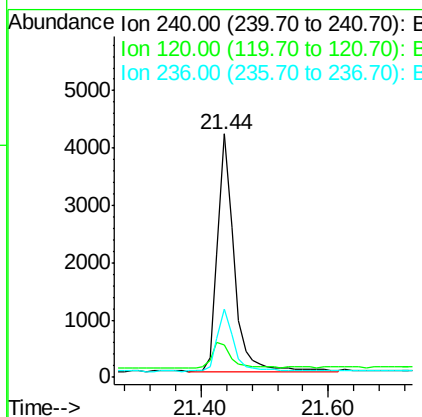
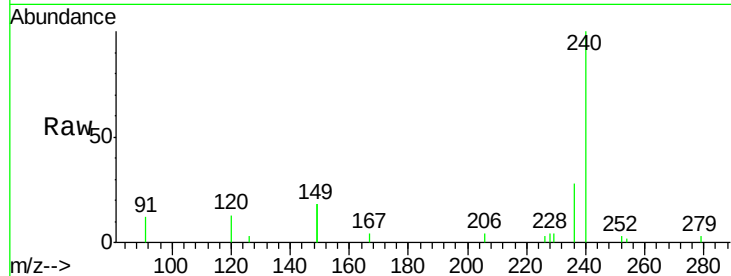




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.44 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

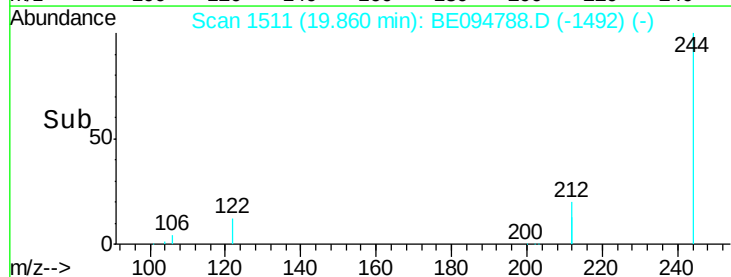
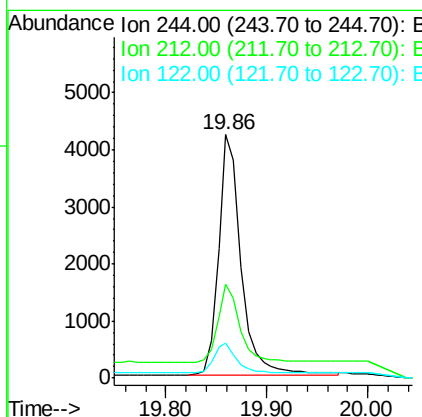
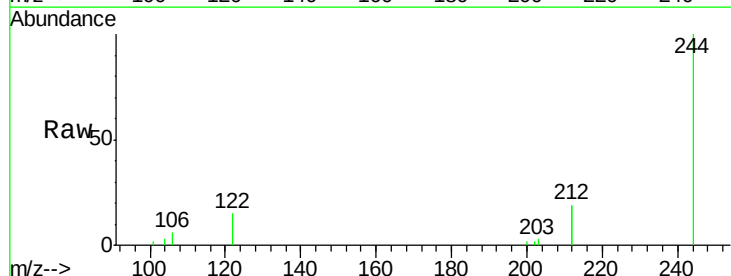
Instrument :
 BNA_E
 ClientSampled :
 MW-3

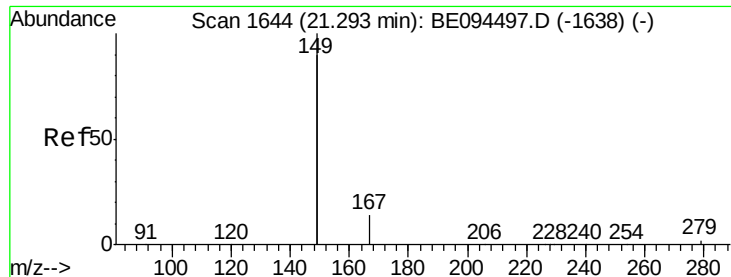
Tot Ion:240 Resp: 7295
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.5 8.3#
 236 27.9 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

Tgt Ion:244 Resp: 6536
 Ion Ratio Lower Upper
 244 100
 212 38.7 25.4 38.0#
 122 14.5 8.1 12.1#

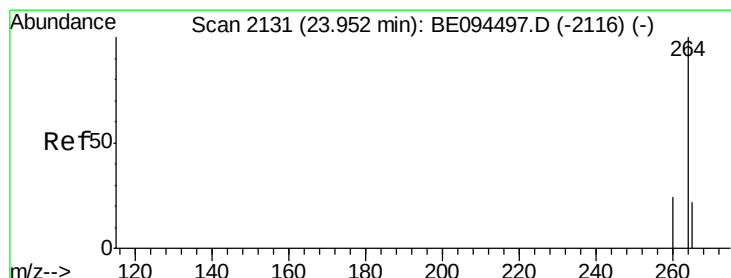
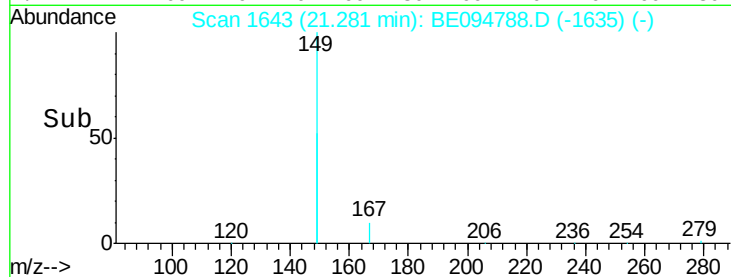
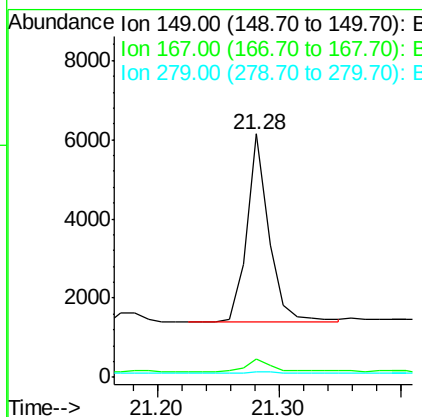
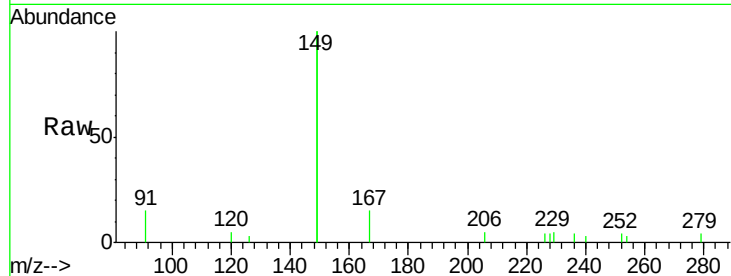




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tot Ion:149 Resp: 6091
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.98 min Scan# 2137
 Delta R.T. 0.03 min
 Lab File: BE094788.D
 Acq: 8 Nov 2017 18:18

Tgt Ion:264 Resp: 6380
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.5 30.7
 265 34.2 22.8 34.2#

