

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094789.D
 Acq On : 8 Nov 2017 18:54
 Operator : SJ/JU
 Sample : I6328-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Nov 09 00:21:44 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	933	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	5539	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3303	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	6108	0.40	ng	0.00
27) Chrysene-d12	21.43	240	7507	0.40	ng	0.00
34) Perylene-d12	23.98	264	6616	0.40	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.58	112	550	0.17	ng	0.05
5) Phenol-d6	7.20	99	628	0.13	ng	0.06
8) Nitrobenzene-d5	9.13	82	1864	0.42	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	4585	0.52	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	516	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6388	0.55	ng	0.00
25) Fluoranthene-d10	19.28	212	47174	0.69	ng	0.00
29) Terphenyl-d14	19.85	244	9012	0.64	ng	-0.01

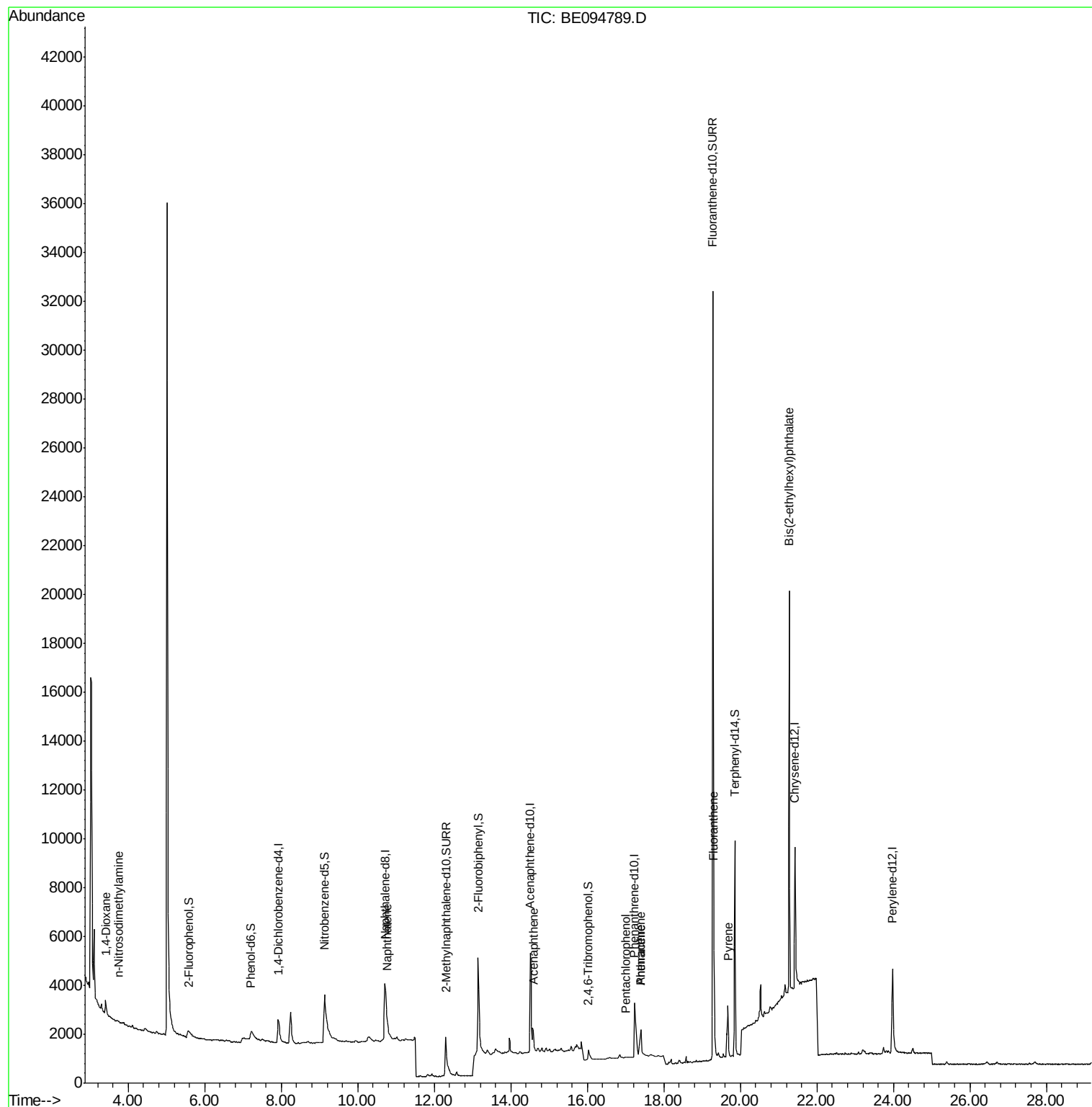
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	381	0.24	ng	# 1
3) n-Nitrosodimethylamine	3.74	42	48	0.03	ng	# 1
9) Naphthalene	10.76	128	1265	0.02	ng	# 77
17) Acenaphthene	14.58	154	660	0.06	ng	96
22) Pentachlorophenol	17.01	266	8	0.02	ng	96
23) Phenanthrene	17.40	178	3076	0.15	ng	# 85
24) Anthracene	17.40	178	3141	0.17	ng	# 85
26) Fluoranthene	19.31	202	2863	0.07	ng	95
28) Pyrene	19.67	202	2270	0.09	ng	96
32) Bis(2-ethylhexyl)phthalate	21.28	149	18054	0.30	ng	# 99

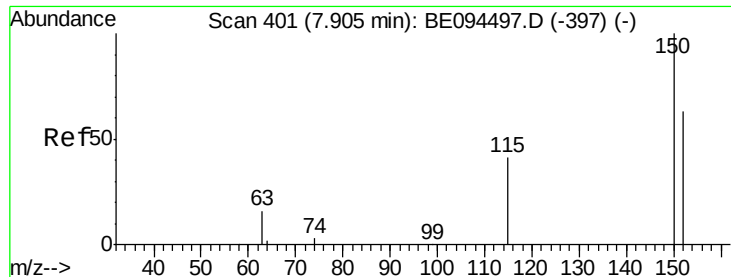
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094789.D
Acq On : 8 Nov 2017 18:54
Operator : SJ/JU
Sample : I6328-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-2

Quant Time: Nov 09 00:21:44 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



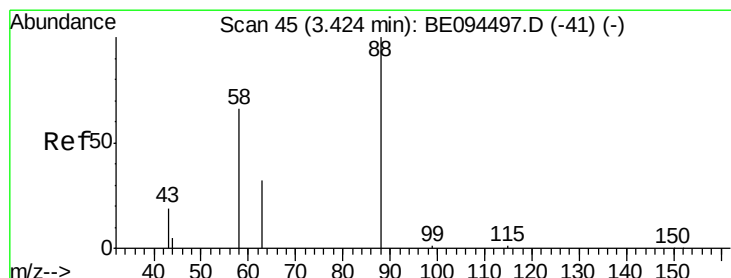
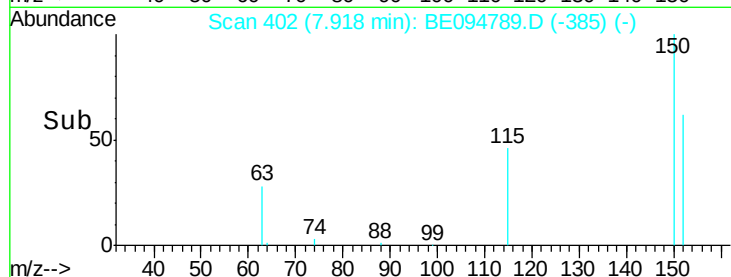
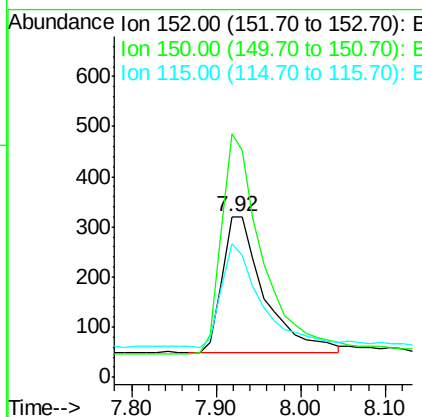
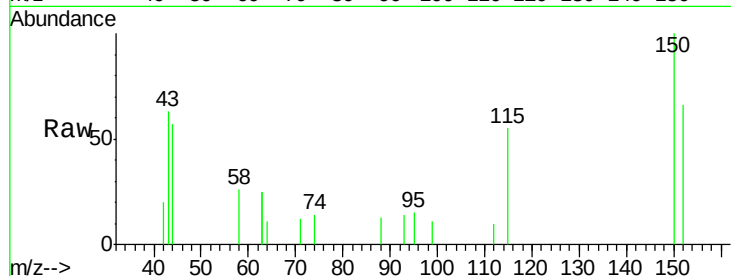


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Instrument :
BNA_E
ClientSampleId :
MW-2

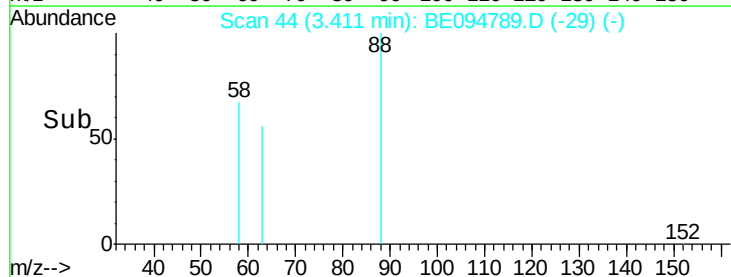
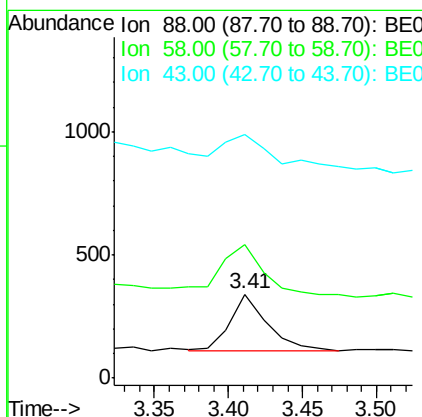
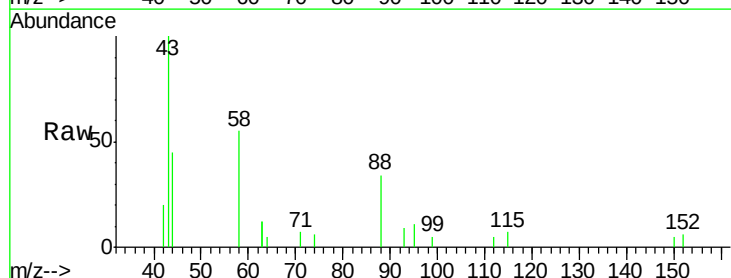
Tot Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
150 151.4 117.2 175.8
115 83.2 57.0 85.6

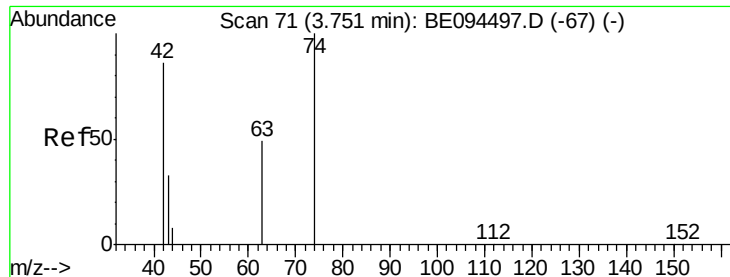


#2

1,4-Dioxane
Concen: 0.24 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Tgt Ion: 88 Resp: 381
Ion Ratio Lower Upper
88 100
58 124.1 63.2 94.8#
43 186.4 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

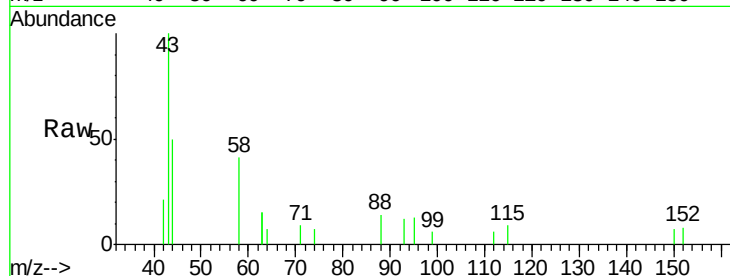
Tot Ion: 42 Resp: 48

Ion Ratio Lower Upper

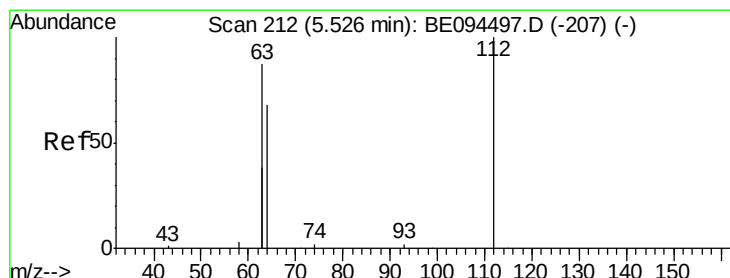
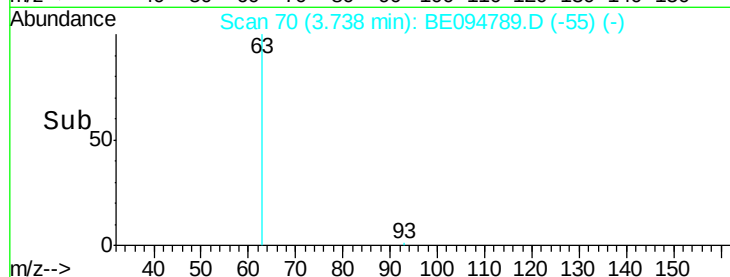
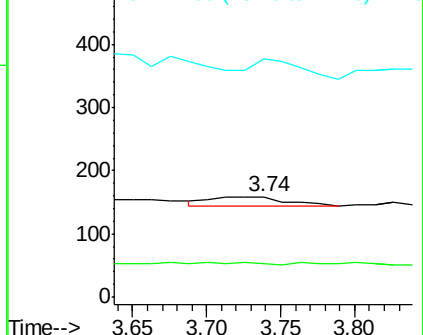
42 100

74 0.0 100.3 150.5#

44 131.3 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



#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.58 min Scan# 216

Delta R.T. 0.05 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

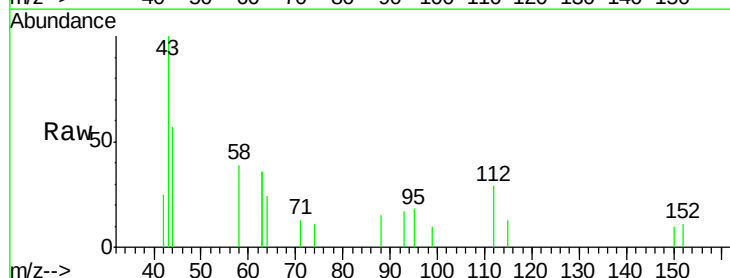
Tgt Ion: 112 Resp: 550

Ion Ratio Lower Upper

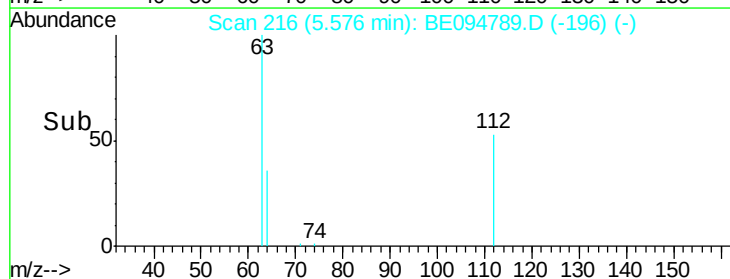
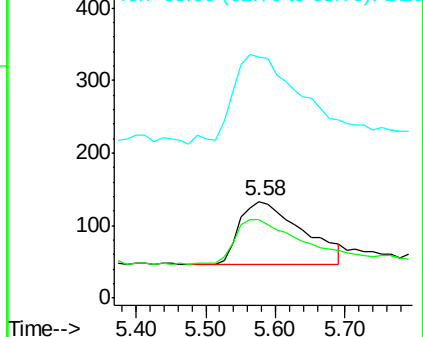
112 100

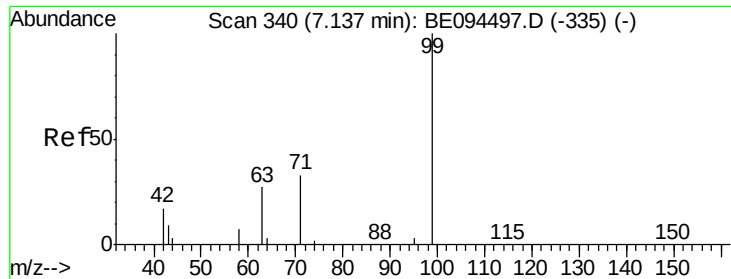
64 72.2 60.1 90.1

63 152.4 116.8 175.2



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





#5

Phenol-d6

Concen: 0.13 ng

RT: 7.20 min Scan# 345

Delta R.T. 0.06 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

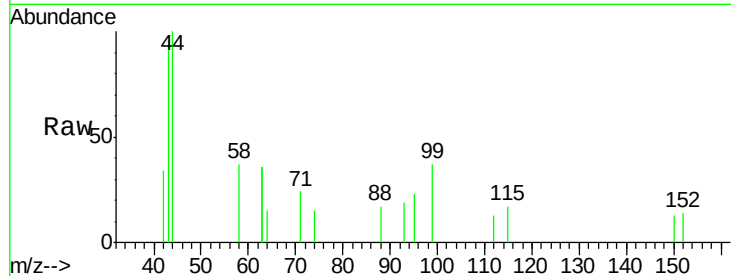
Tot Ion: 99 Resp: 628

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

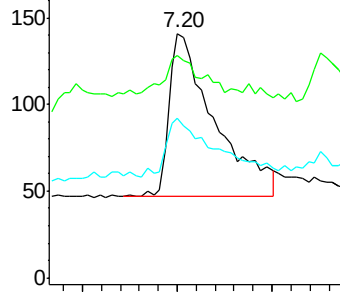
71 40.0 28.4 42.6



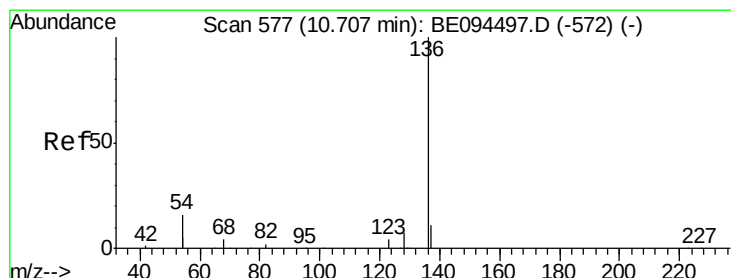
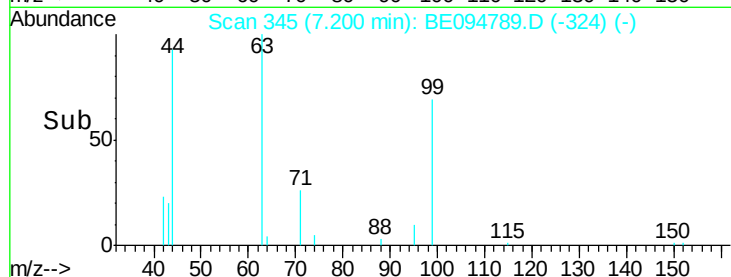
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Tgt Ion: 136 Resp: 5539

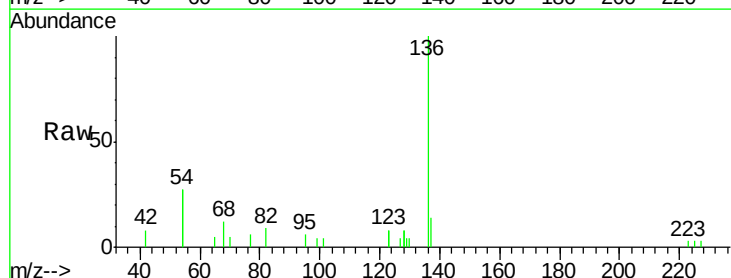
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 54.2 29.1 43.7#

68 11.7 6.2 9.2#

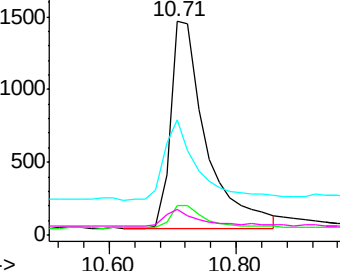


Abundance Ion 136.00 (135.70 to 136.70): E

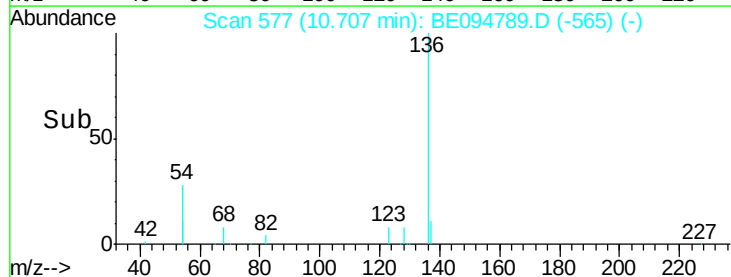
Ion 137.00 (136.70 to 137.70): E

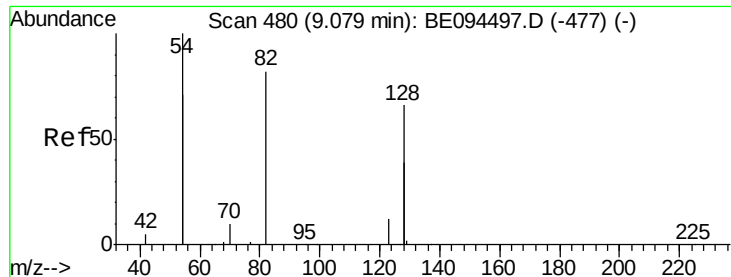
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.42 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

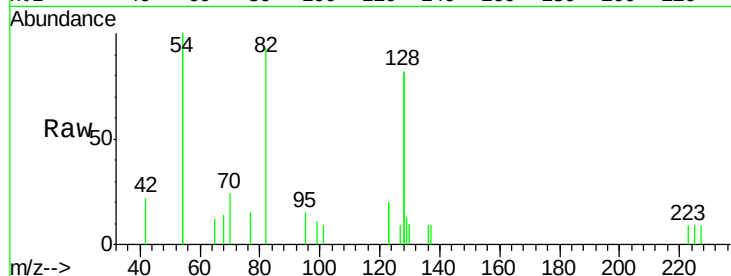
Tot Ion: 82 Resp: 1864

Ion Ratio Lower Upper

82 100

128 176.5 150.0 225.0

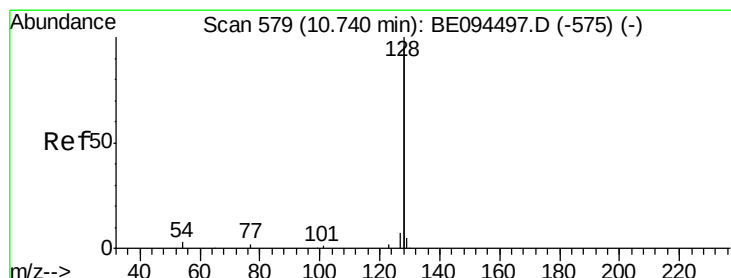
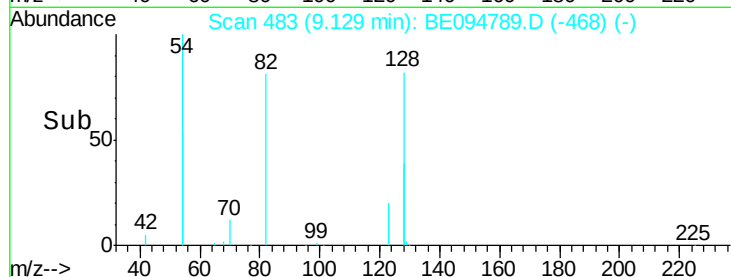
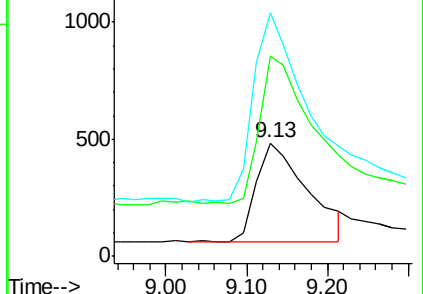
54 214.4 154.2 231.4



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



#9

Naphthalene

Concen: 0.02 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

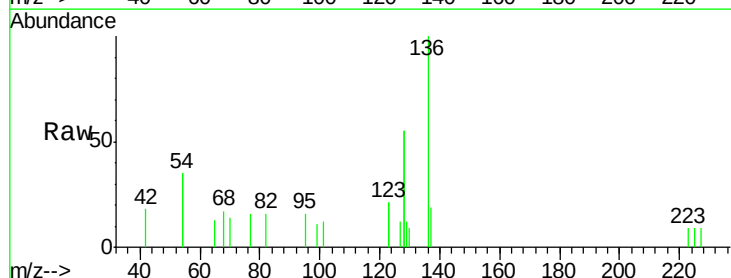
Tgt Ion: 128 Resp: 1265

Ion Ratio Lower Upper

128 100

129 10.9 2.6 3.8#

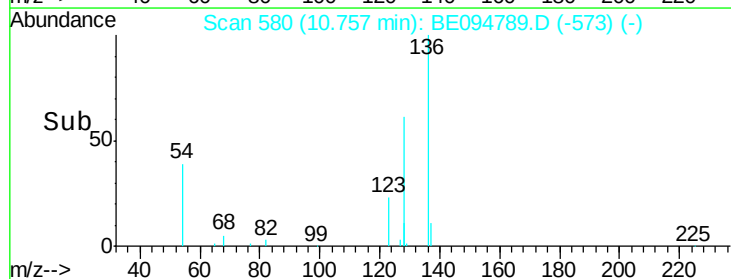
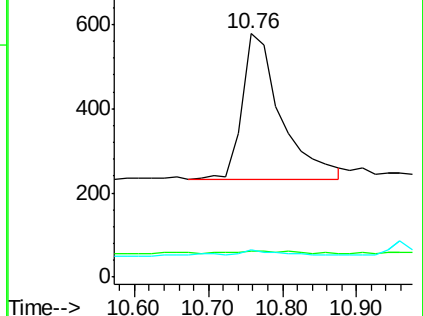
127 11.1 2.8 4.2#

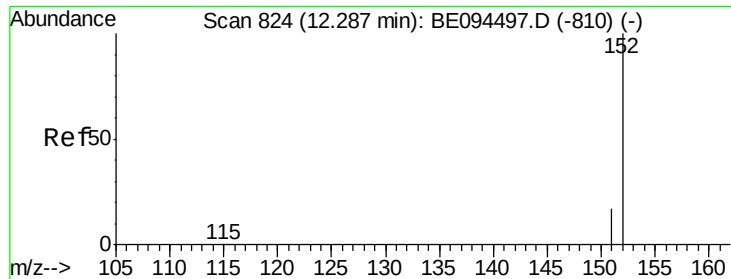


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

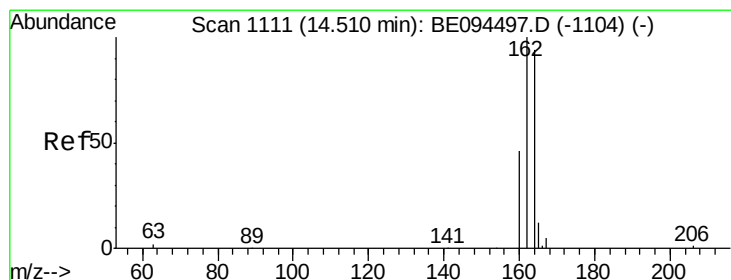
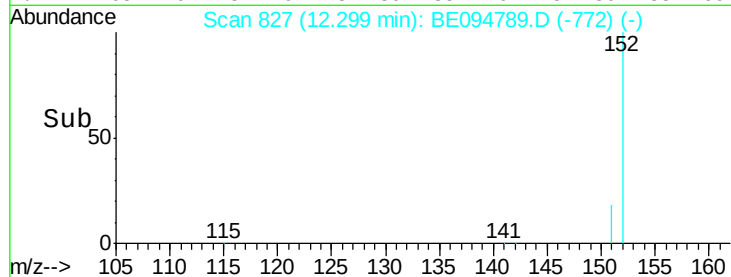
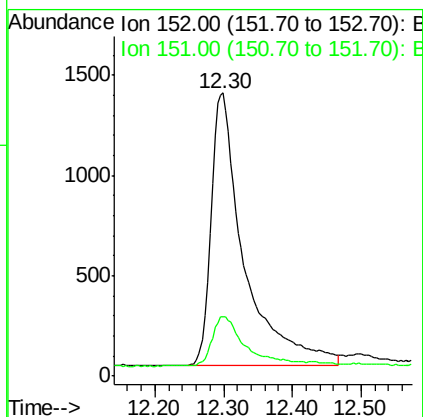
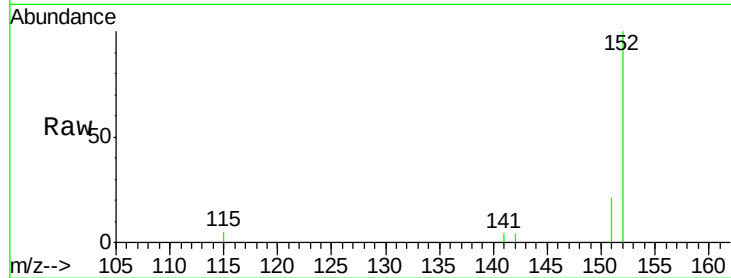




#11
2-Methylnaphthalene-d10
Concen: 0.52 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.01 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

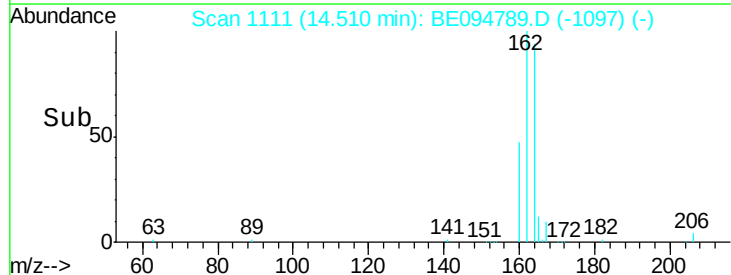
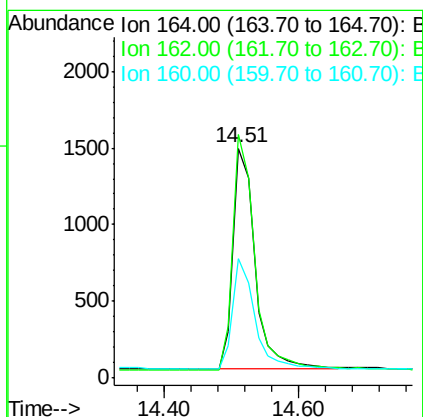
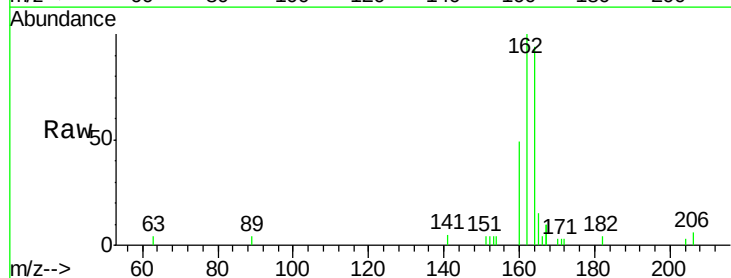
Instrument :
BNA_E
ClientSampleId :
MW-2

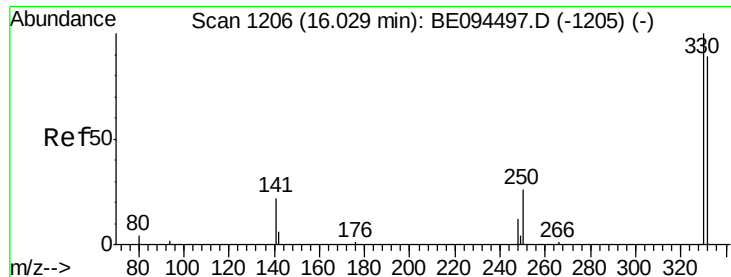
Tot Ion:152 Resp: 4585
Ion Ratio Lower Upper
152 100
151 17.6 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Tgt Ion:164 Resp: 3303
Ion Ratio Lower Upper
164 100
162 106.0 83.1 124.7
160 51.9 37.1 55.7

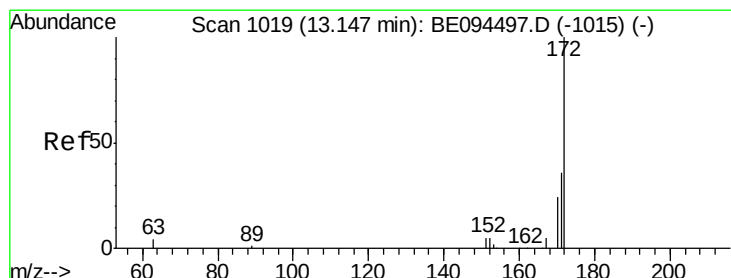
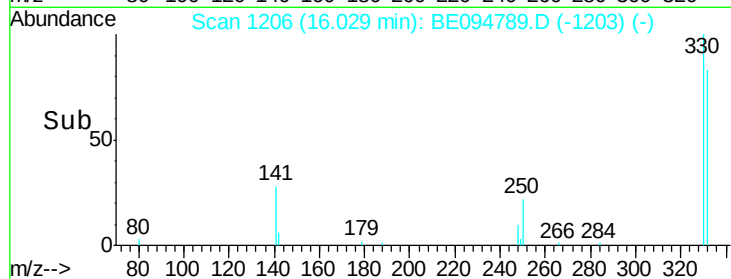
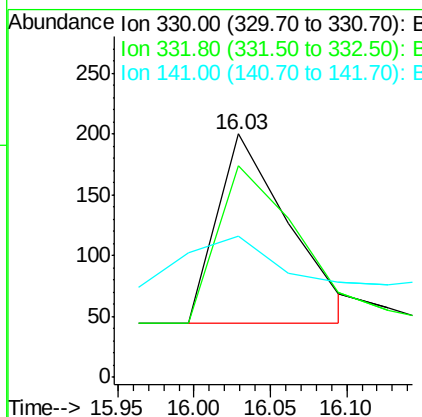
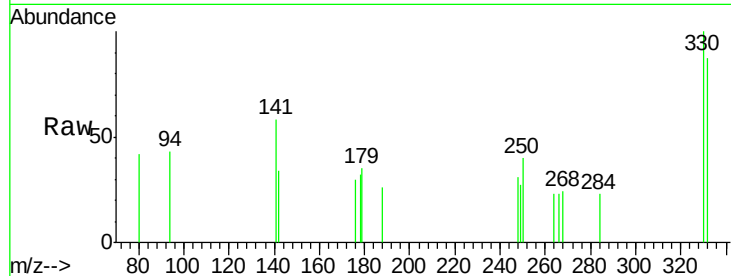




#14
 2,4,6-Tribromophenol
 Concen: 0.57 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094789.D
 Acq: 8 Nov 2017 18:54

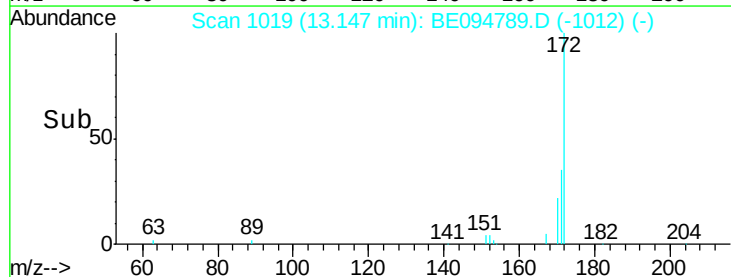
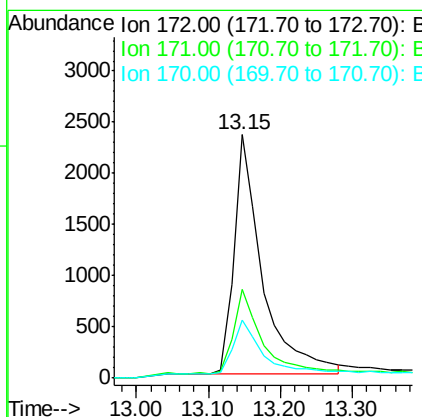
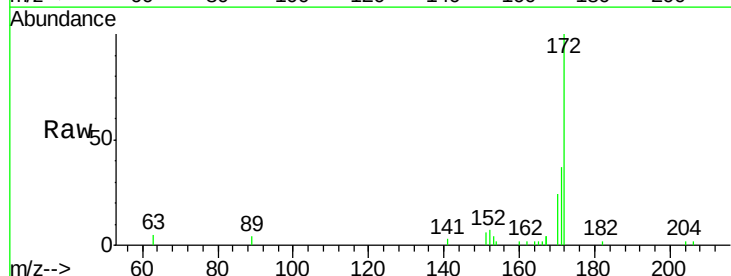
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

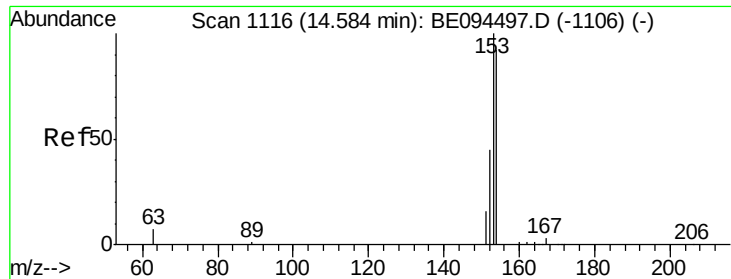
Tot Ion:330 Resp: 516
 Ion Ratio Lower Upper
 330 100
 332 92.1 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.55 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE094789.D
 Acq: 8 Nov 2017 18:54

Tgt Ion:172 Resp: 6388
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 23.7 21.8 32.8

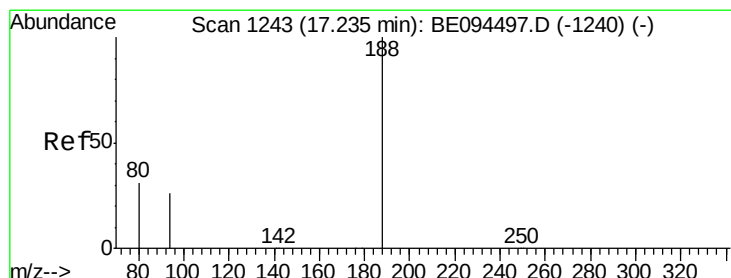
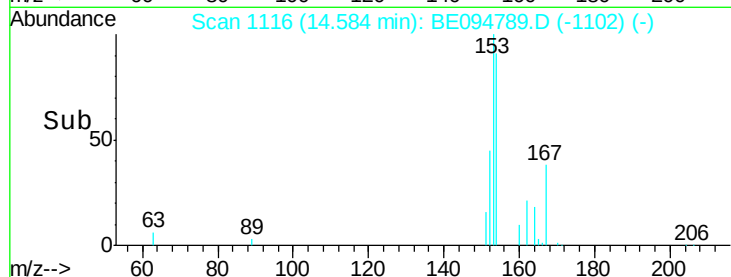
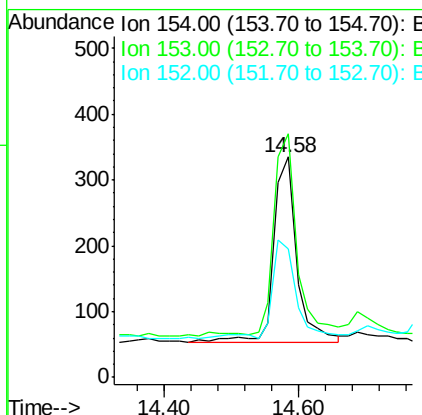
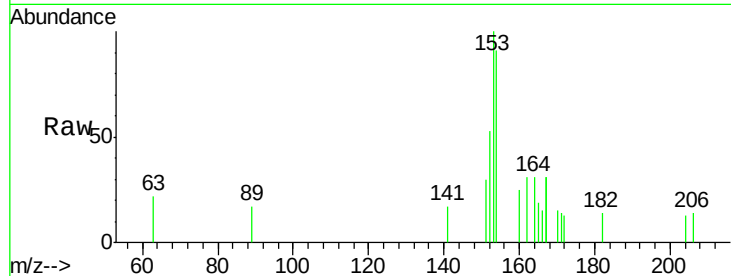




#17
Acenaphthene
Concen: 0.06 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

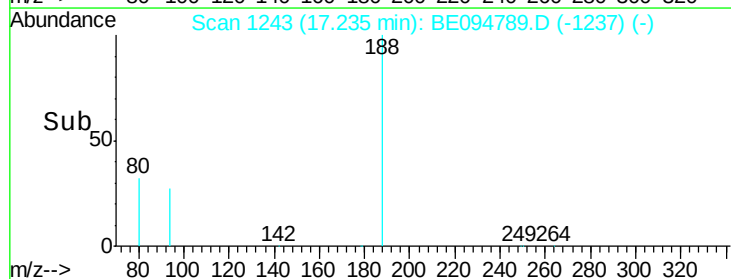
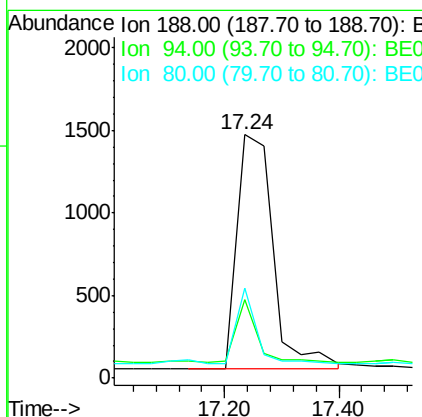
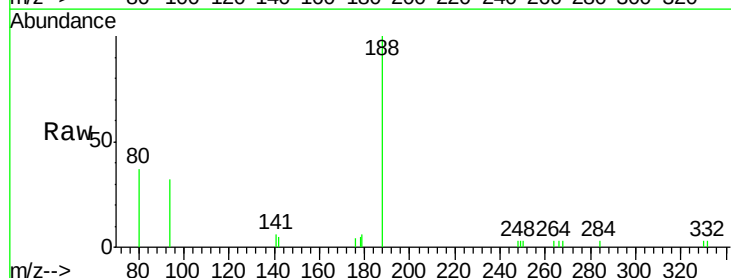
Instrument :
BNA_E
ClientSampled :
MW-2

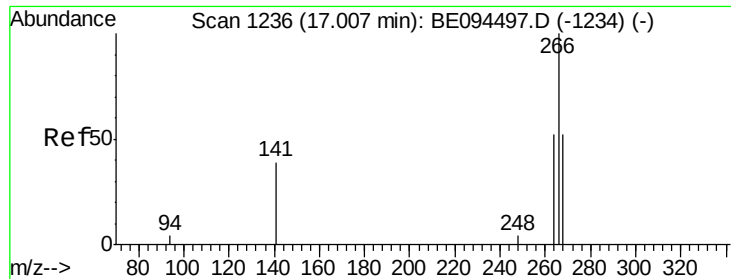
Tot Ion:154 Resp: 660
Ion Ratio Lower Upper
154 100
153 108.9 89.2 133.8
152 47.9 42.0 63.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Tgt Ion:188 Resp: 6108
Ion Ratio Lower Upper
188 100
94 32.2 3.9 5.9#
80 37.1 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.02 ng

RT: 17.01 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

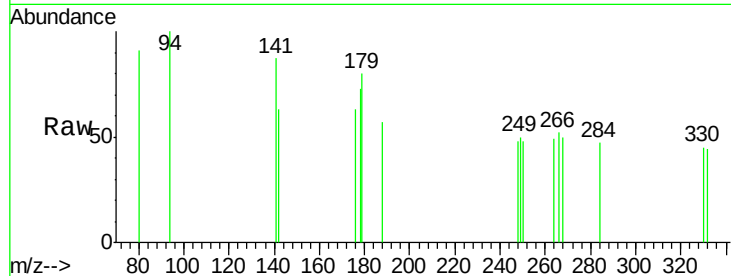
Tot Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 94.2 72.5 108.7

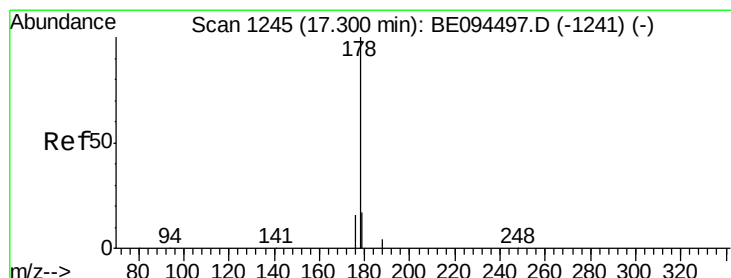
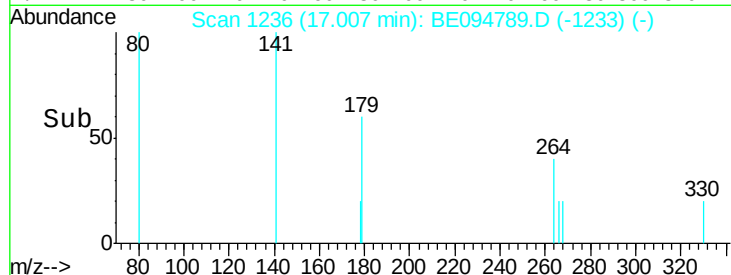
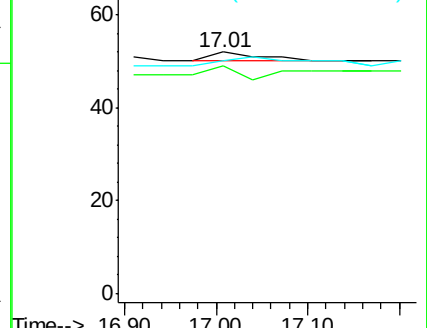
268 96.2 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.15 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.10 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

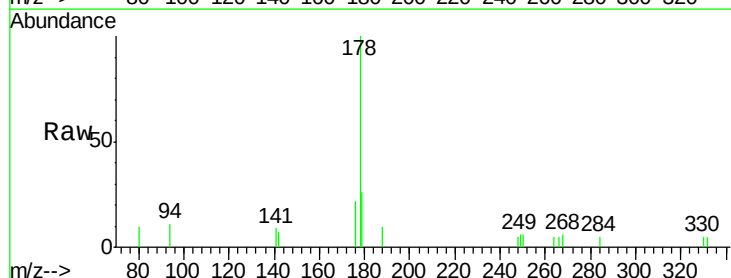
Tgt Ion:178 Resp: 3076

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

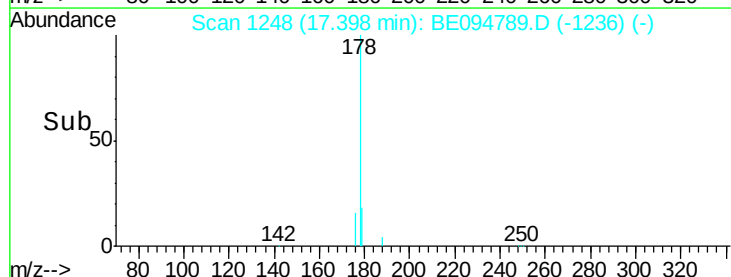
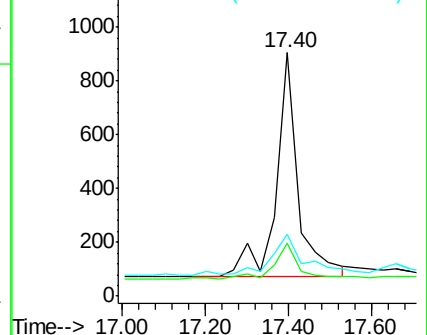
179 28.9 11.8 17.6#

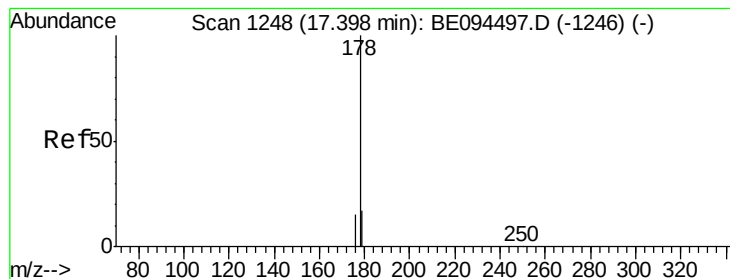


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.17 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

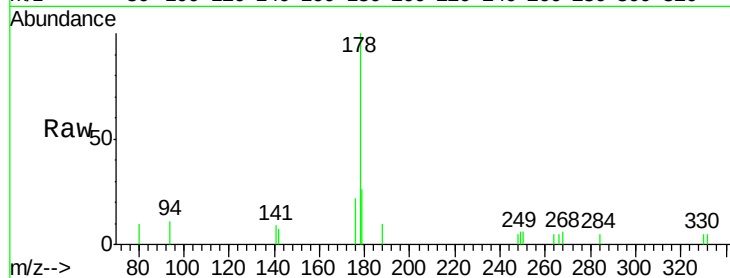
Tot Ion:178 Resp: 3141

Ion Ratio Lower Upper

178 100

176 16.7 12.8 19.2

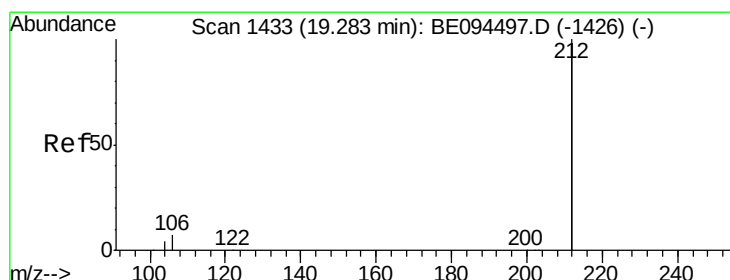
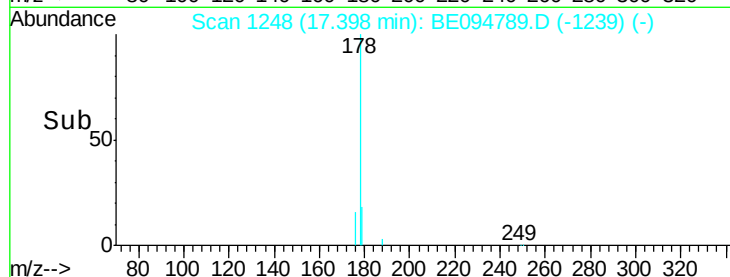
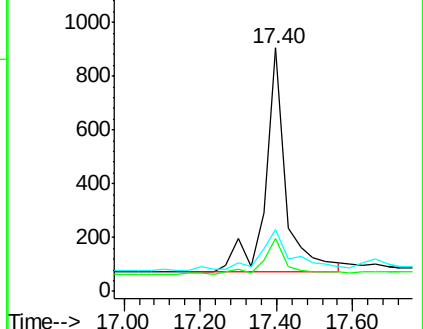
179 27.9 13.0 19.6#



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: 0.69 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

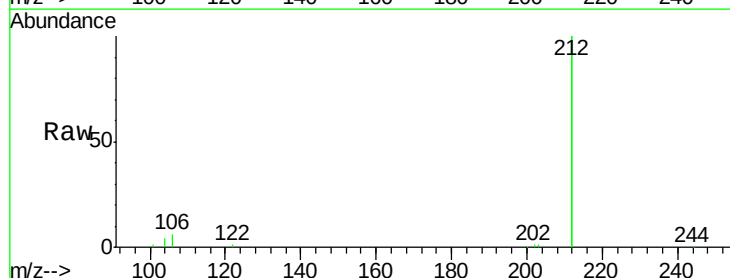
Tgt Ion:212 Resp: 47174

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

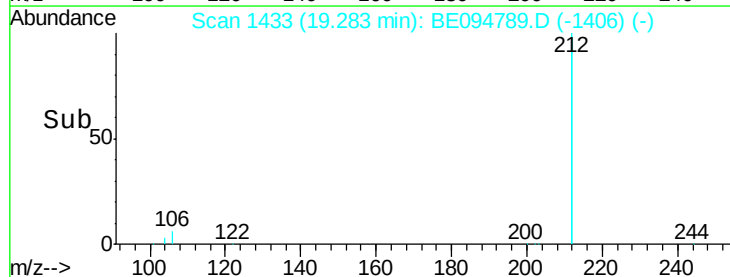
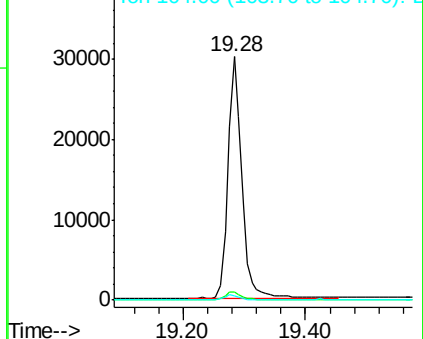
104 1.9 1.6 2.4

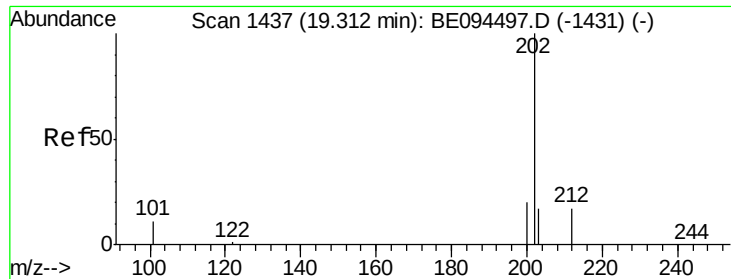


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

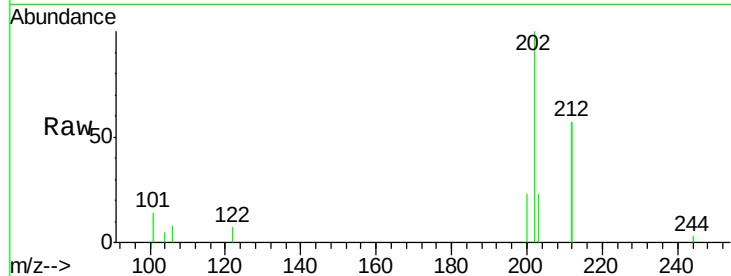




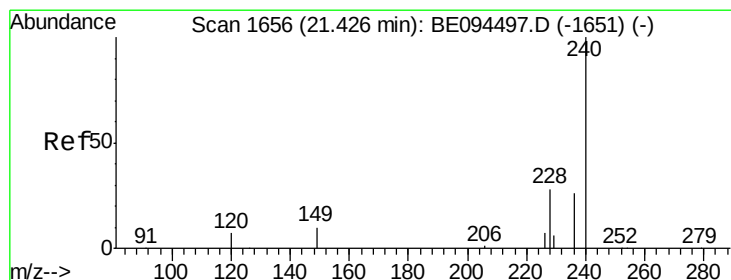
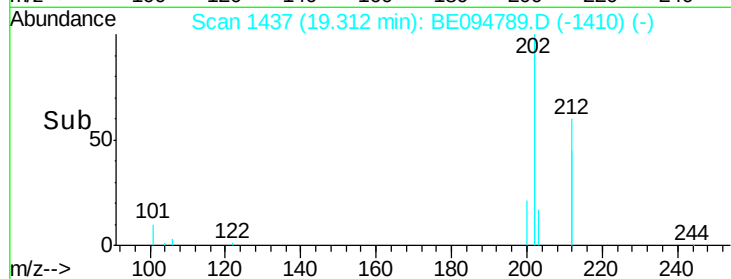
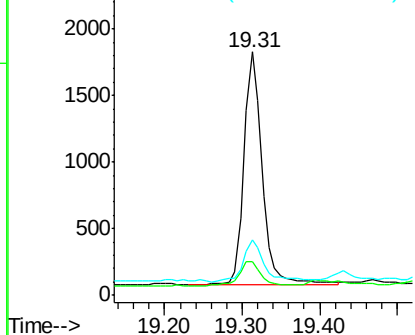
#26
Fluoranthene
Concen: 0.07 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Instrument :
BNA_E
ClientSampled :
MW-2

Tot Ion:202 Resp: 2863
Ion Ratio Lower Upper
202 100
101 13.3 9.8 14.8
203 20.2 13.7 20.5

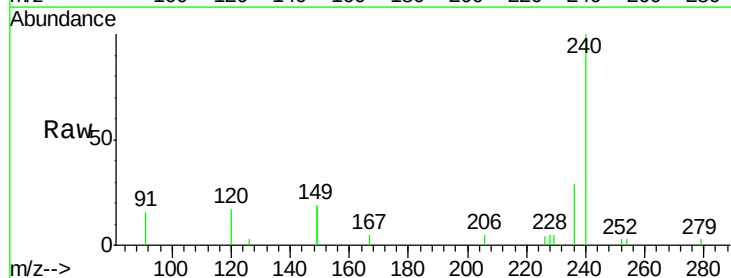


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

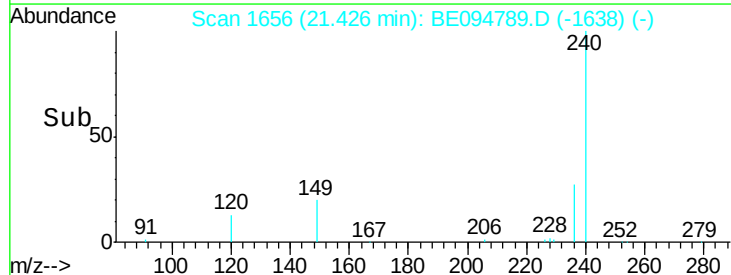
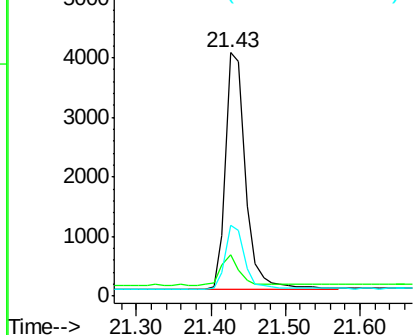


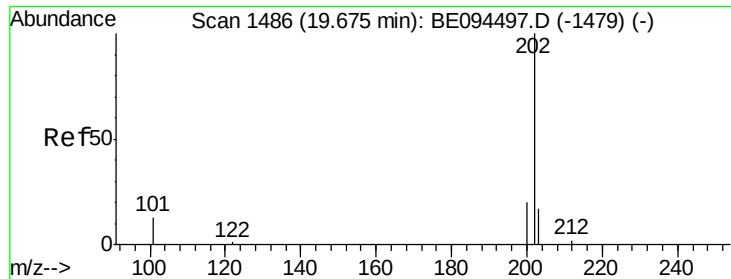
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094789.D
Acq: 8 Nov 2017 18:54

Tgt Ion:240 Resp: 7507
Ion Ratio Lower Upper
240 100
120 16.9 5.5 8.3#
236 29.2 20.7 31.1



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

Pvrene

Concen: 0.09 ng

RT: 19.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

Instrument :

BNA_E

ClientSampleId :

MW-2

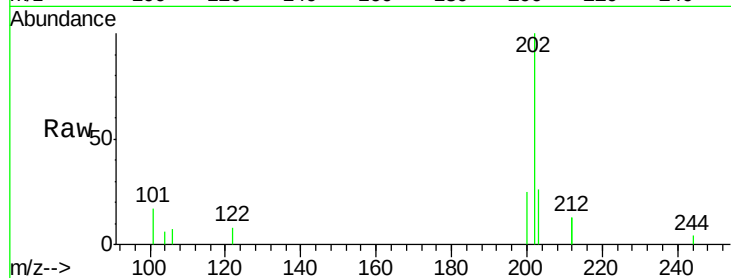
Tot Ion:202 Resp: 2270

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

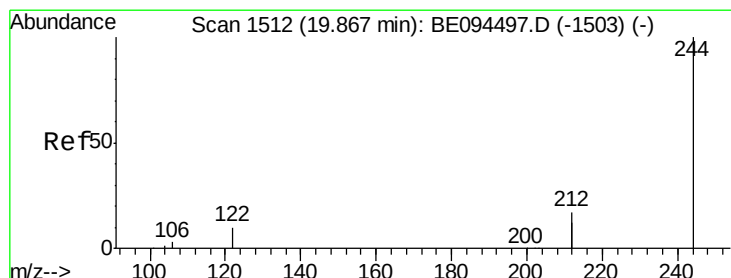
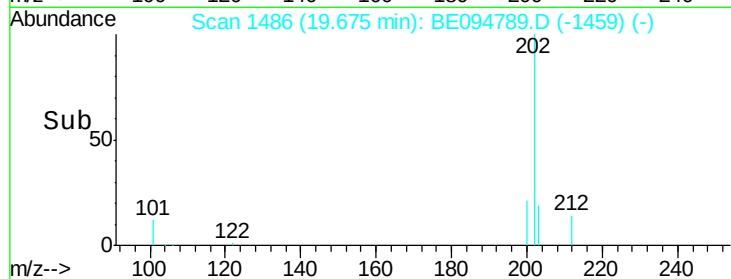
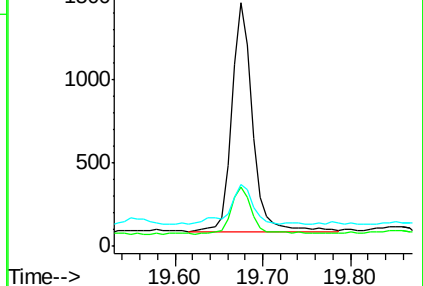
203 20.0 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.64 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE094789.D

Acq: 8 Nov 2017 18:54

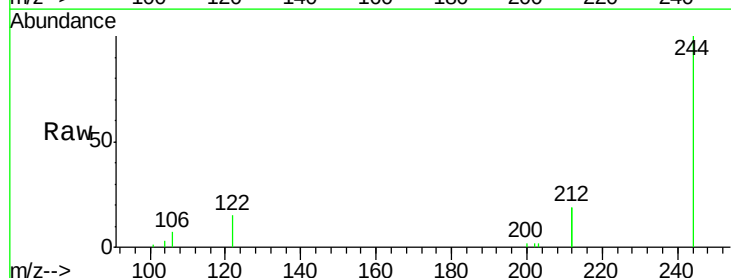
Tgt Ion:244 Resp: 9012

Ion Ratio Lower Upper

244 100

212 38.4 25.4 38.0#

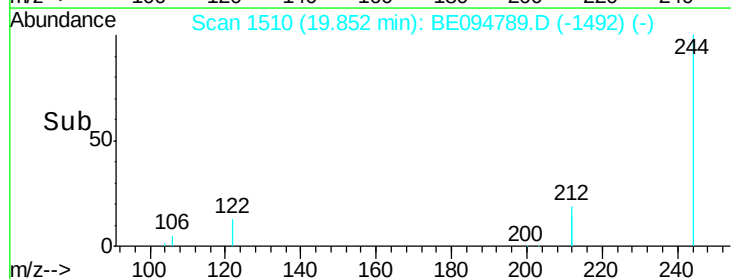
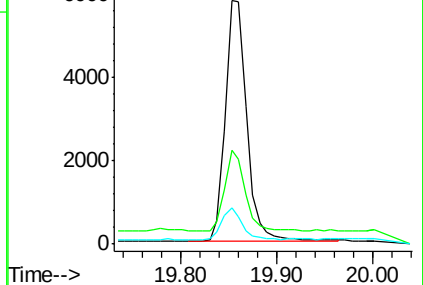
122 15.0 8.1 12.1#

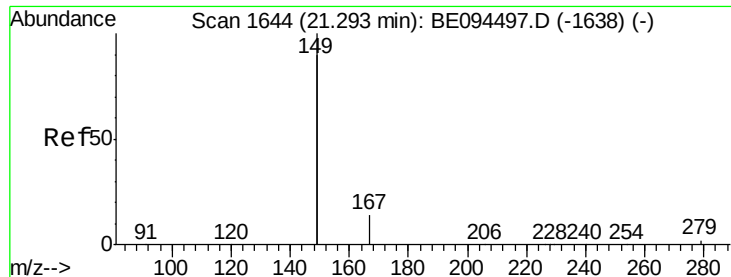


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

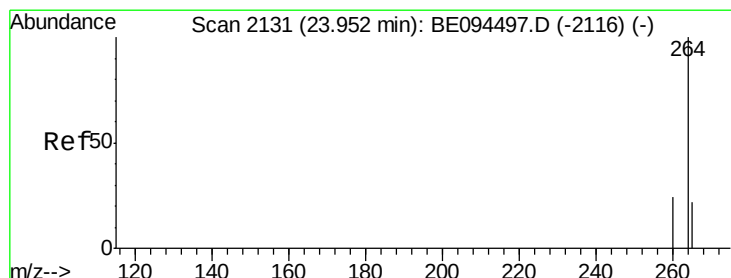
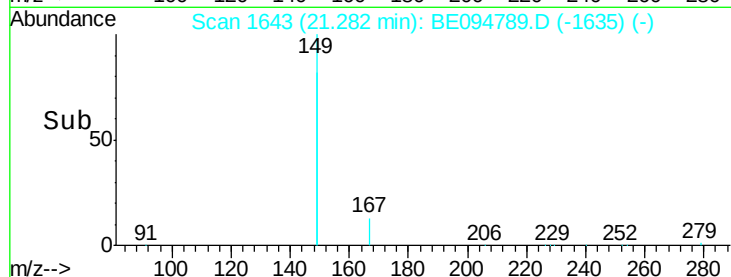
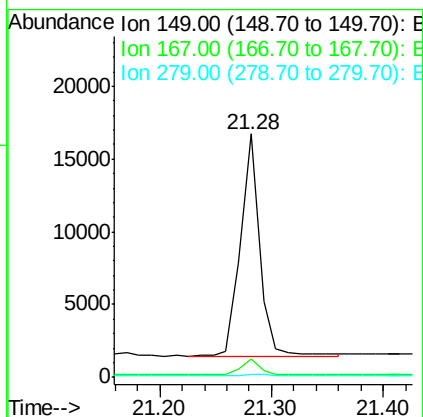
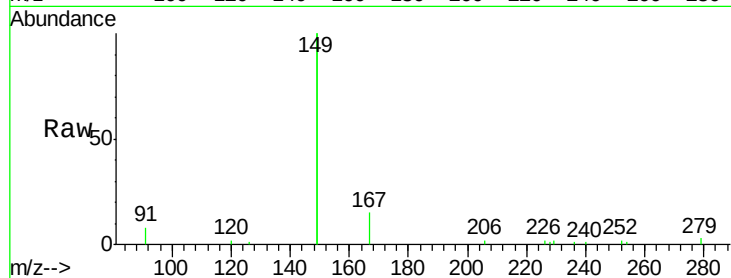




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094789.D
 Acq: 8 Nov 2017 18:54

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tot Ion:149 Resp: 18054
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.2 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: BE094789.D
 Acq: 8 Nov 2017 18:54

Tgt Ion:264 Resp: 6616
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.5 30.7
 265 32.3 22.8 34.2

