

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110117\
 Data File : BE094690.D
 Acq On : 1 Nov 2017 14:35
 Operator : SJ/JU
 Sample : PB103176TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 15:55:37 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

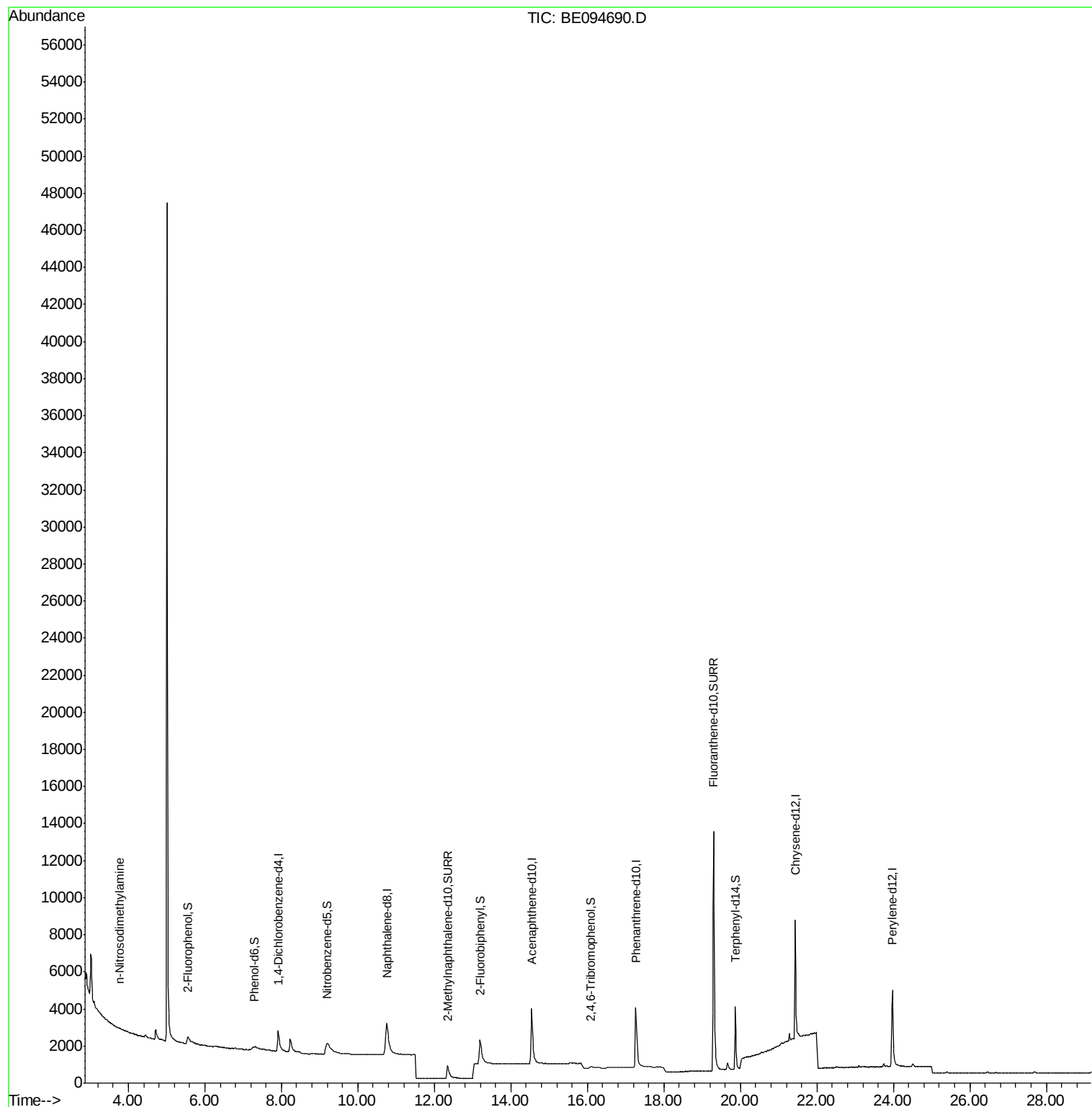
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1020	0.40	ng	0.01
7) Naphthalene-d8	10.76	136	5728	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	3583	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8508	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8582	0.40	ng	0.01
34) Perylene-d12	23.97	264	8013	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.55	112	716	0.20	ng	0.02
5) Phenol-d6	7.30	99	989	0.19	ng	0.16
8) Nitrobenzene-d5	9.19	82	833	0.18	ng	0.12
11) 2-Methylnaphthalene-d10	12.34	152	2622	0.29	ng	0.05
14) 2,4,6-Tribromophenol	16.10	330	133	0.13	ng	0.07
15) 2-Fluorobiphenyl	13.19	172	3275	0.26	ng	0.05
25) Fluoranthene-d10	19.30	212	27663	0.23	ng	0.02
29) Terphenyl-d14	19.87	244	4211	0.26	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.78	42	37	0.022	ng	# 16
23) Phenanthrene	17.30	178	65	Below Cal	#	69
26) Fluoranthene	19.33	202	91	Below Cal	#	72

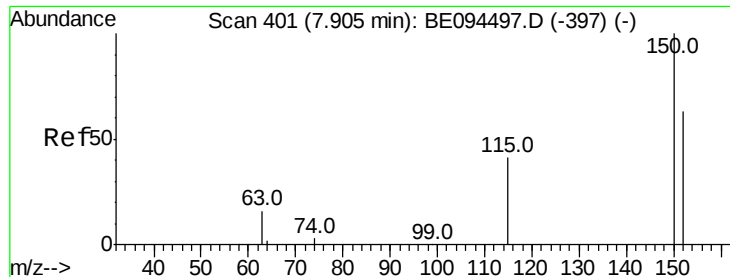
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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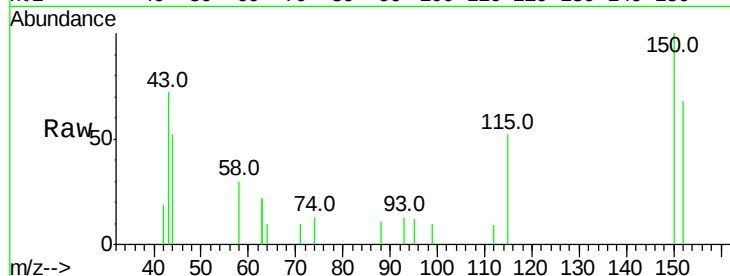


#1

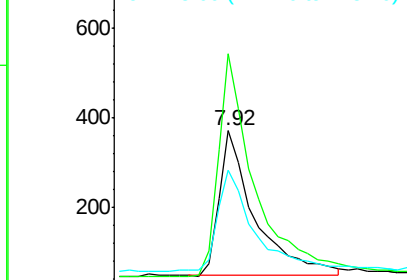
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094690.D
Acq: 1 Nov 2017 14:35

Instrument :
BNA_E
ClientSampleId :

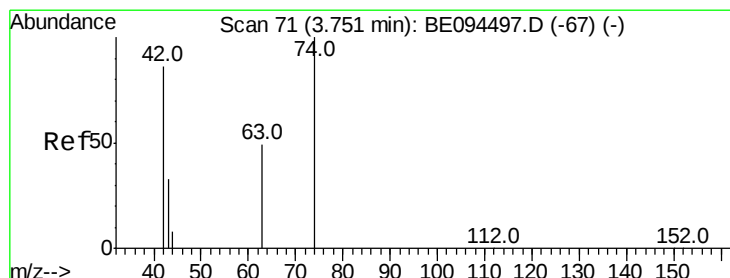
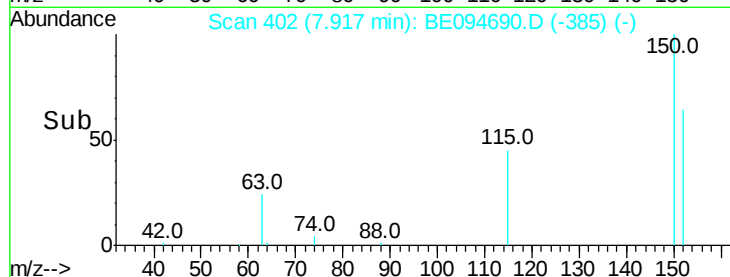
Tot Ion:152 Resp: 1020
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 76.3 57.0 85.6



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



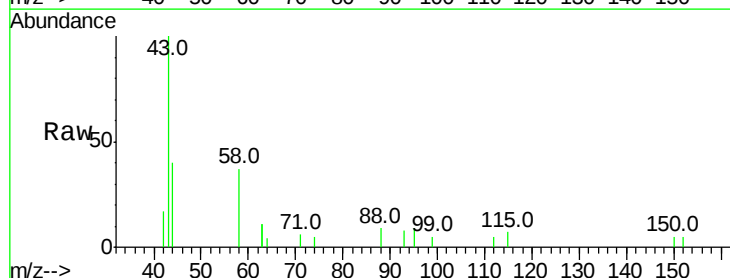
Time-->



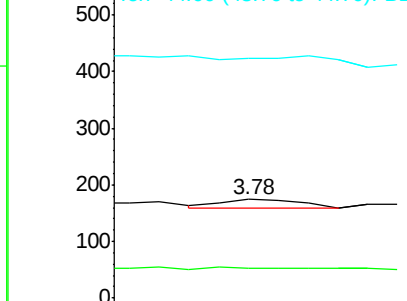
#3

n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.78 min Scan# 73
Delta R.T. 0.02 min
Lab File: BE094690.D
Acq: 1 Nov 2017 14:35

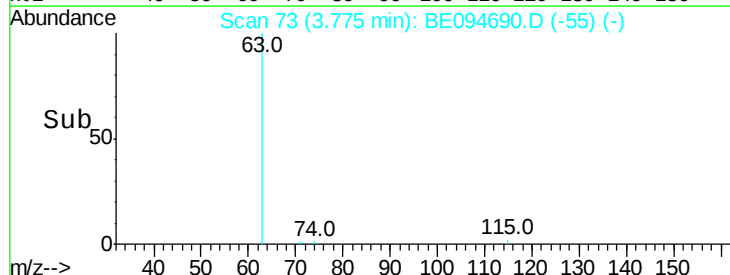
Tgt Ion: 42 Resp: 37
Ion Ratio Lower Upper
42 100
74 21.6 100.3 150.5#
44 0.0 17.0 25.4#

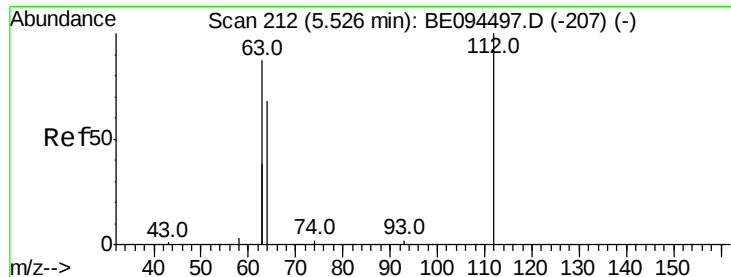


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.205 ng

RT: 5.55 min Scan# 214

Delta R.T. 0.02 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampled :

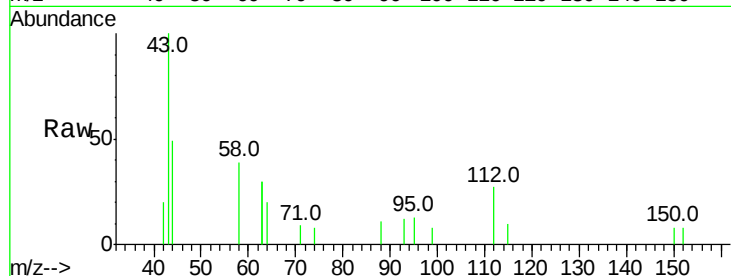
Tot Ion:112 Resp: 716

Ion Ratio Lower Upper

112 100

64 71.6 60.1 90.1

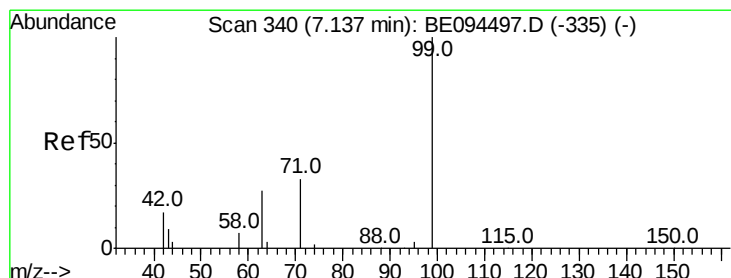
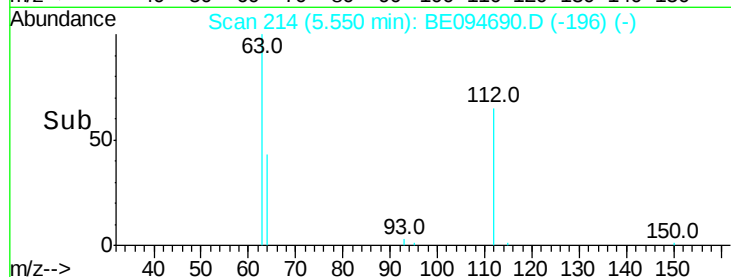
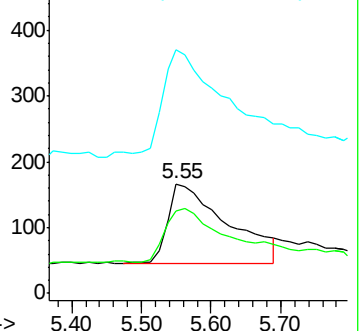
63 150.4 116.8 175.2



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: 0.187 ng

RT: 7.30 min Scan# 353

Delta R.T. 0.16 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

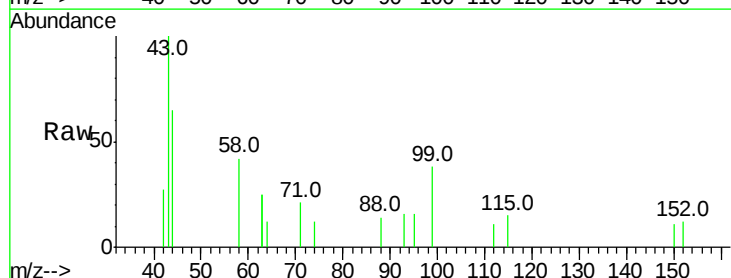
Tgt Ion: 99 Resp: 989

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

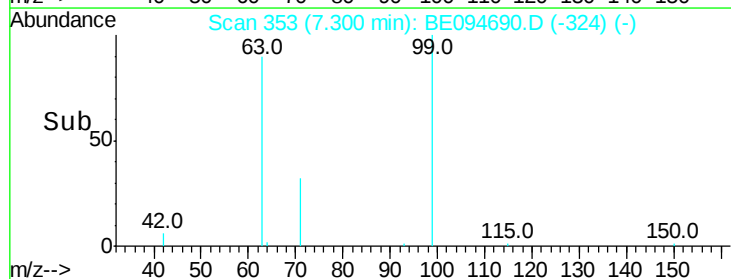
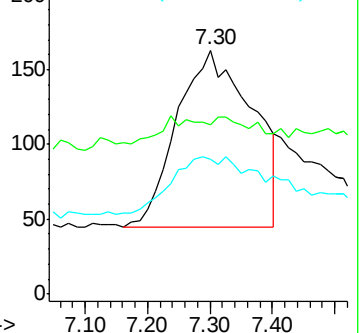
71 34.5 28.4 42.6

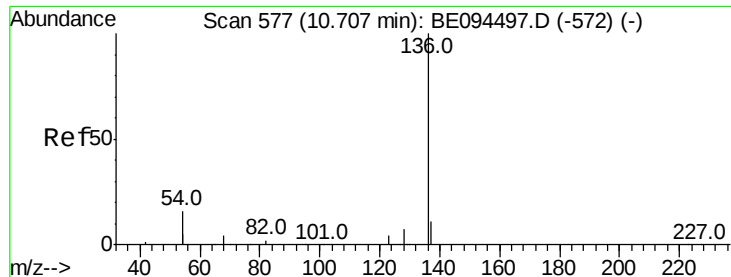


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.05 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5728

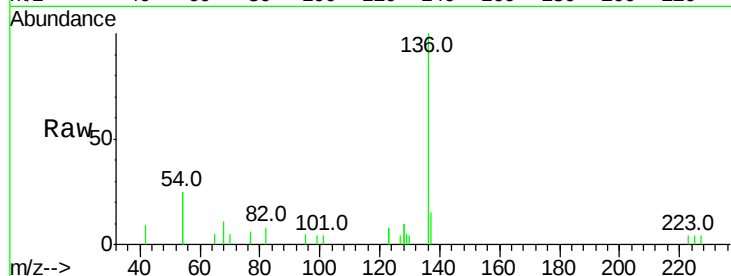
Ion Ratio Lower Upper

136 100

137 14.5 9.5 14.3#

54 50.4 29.1 43.7#

68 10.8 6.2 9.2#

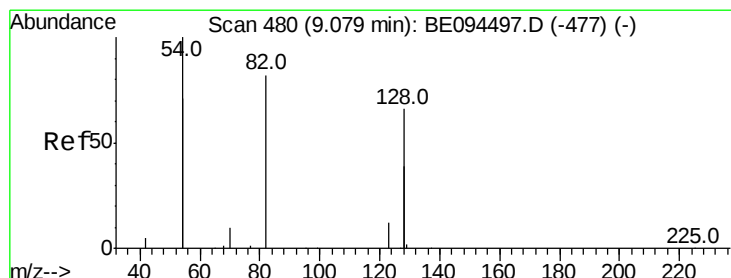
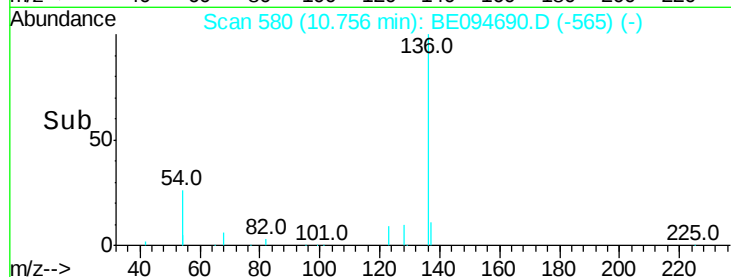
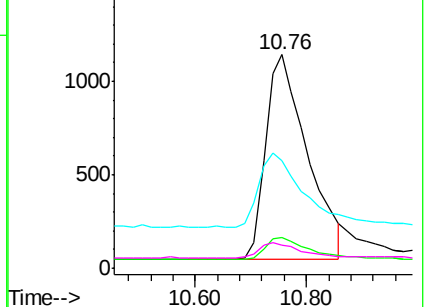


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.182 ng

RT: 9.19 min Scan# 487

Delta R.T. 0.12 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

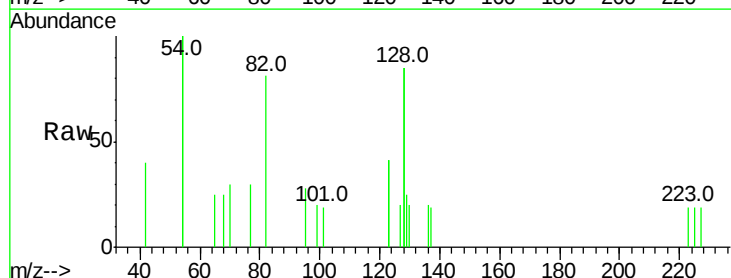
Tgt Ion: 82 Resp: 833

Ion Ratio Lower Upper

82 100

128 209.4 150.0 225.0

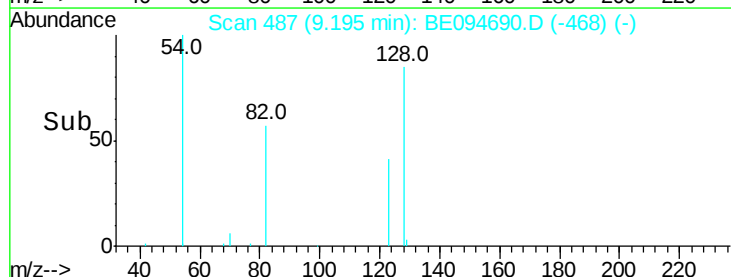
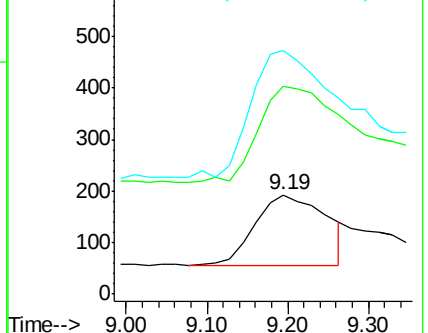
54 245.8 154.2 231.4#

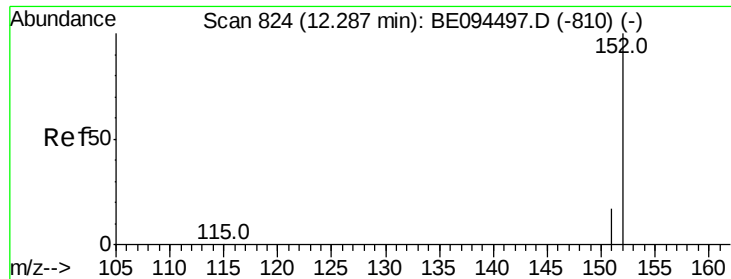


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

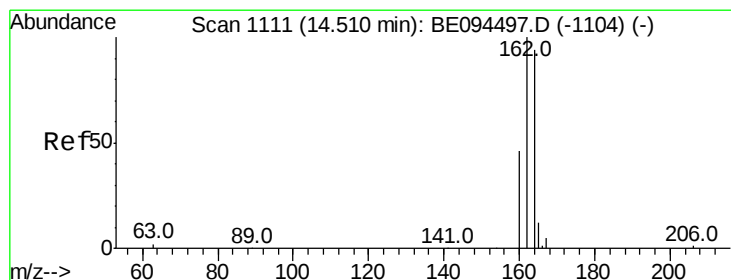
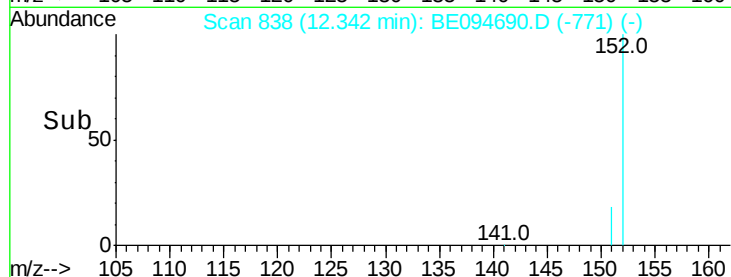
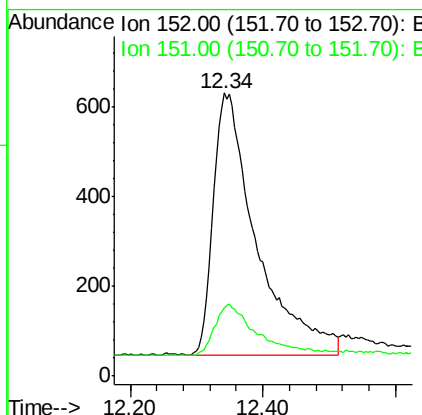
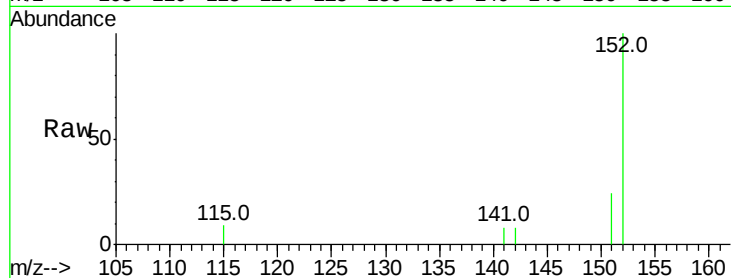




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.34 min Scan# 838
Delta R.T. 0.05 min
Lab File: BE094690.D
Acq: 1 Nov 2017 14:35

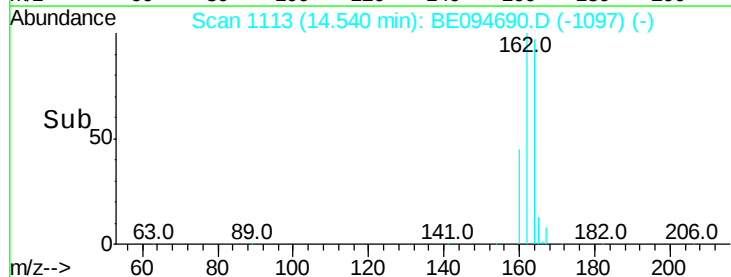
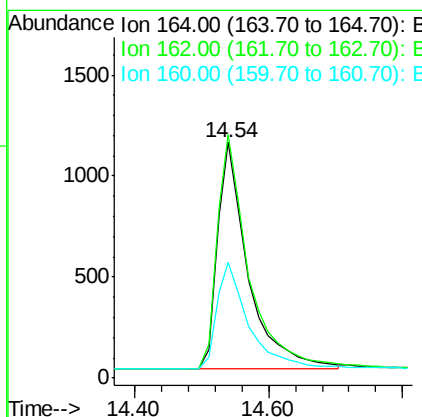
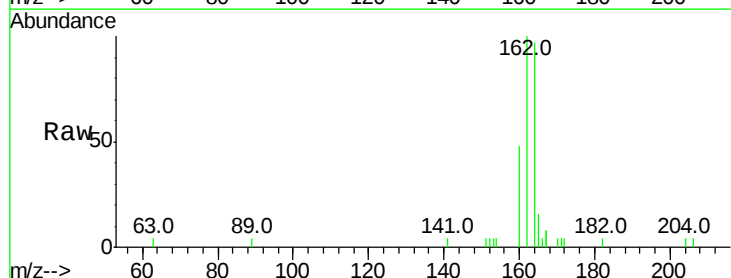
Instrument :
BNA_E
ClientSampleId :

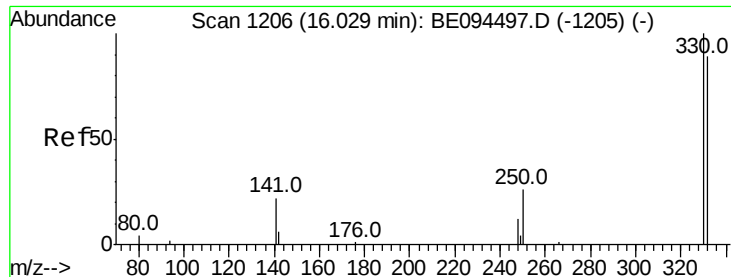
Tot Ion:152 Resp: 2622
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BE094690.D
Acq: 1 Nov 2017 14:35

Tgt Ion:164 Resp: 3583
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 49.1 37.1 55.7

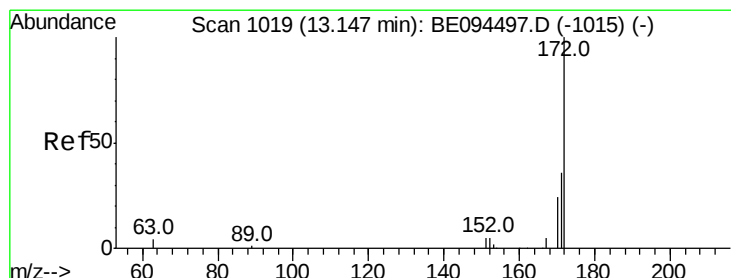
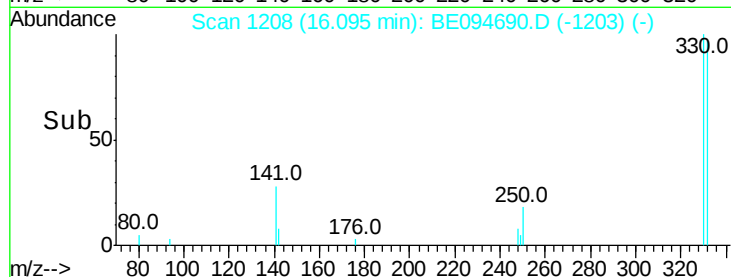
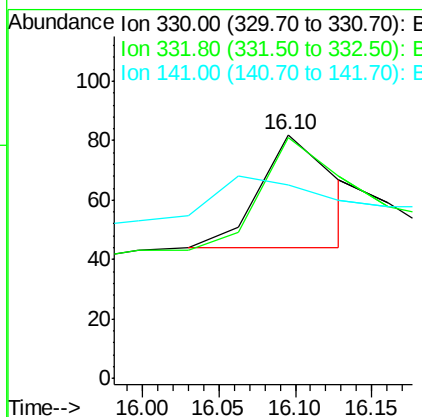
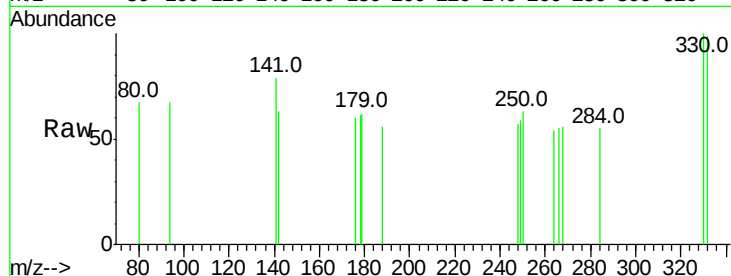




#14
 2,4,6-Tribromophenol
 Concen: 0.135 ng
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094690.D
 Acq: 1 Nov 2017 14:35

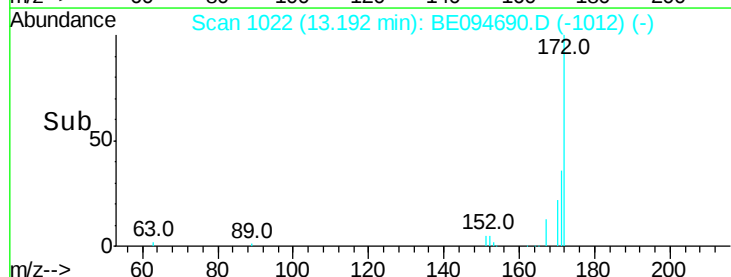
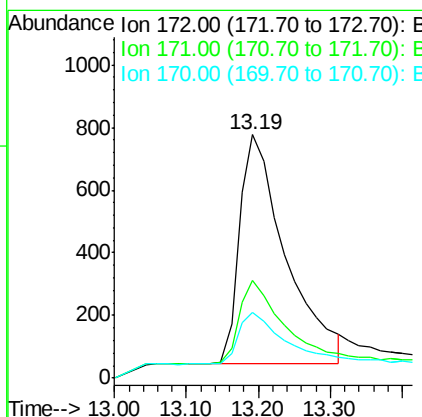
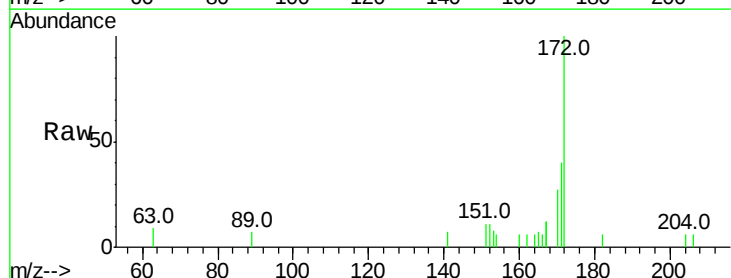
Instrument :
 BNA_E
 ClientSampleId :

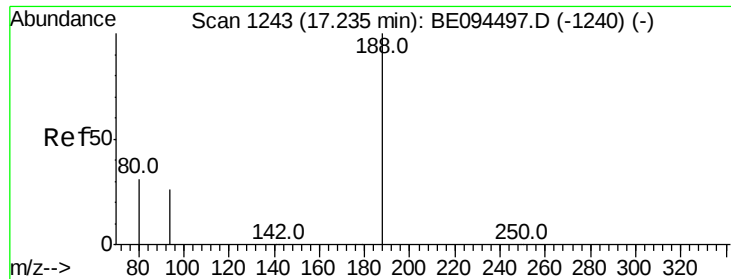
Tot Ion:330 Resp: 133
 Ion Ratio Lower Upper
 330 100
 332 101.5 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.259 ng
 RT: 13.19 min Scan# 1022
 Delta R.T. 0.05 min
 Lab File: BE094690.D
 Acq: 1 Nov 2017 14:35

Tgt Ion:172 Resp: 3275
 Ion Ratio Lower Upper
 172 100
 171 40.3 29.9 44.9
 170 26.9 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: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampleId :

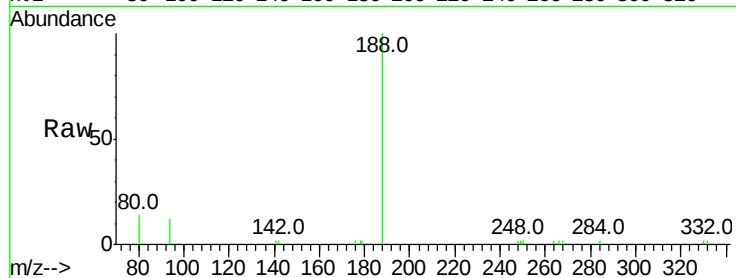
Tot Ion:188 Resp: 8508

Ion Ratio Lower Upper

188 100

94 12.4 3.9 5.9#

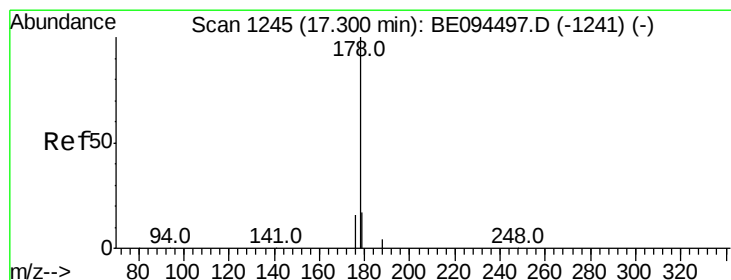
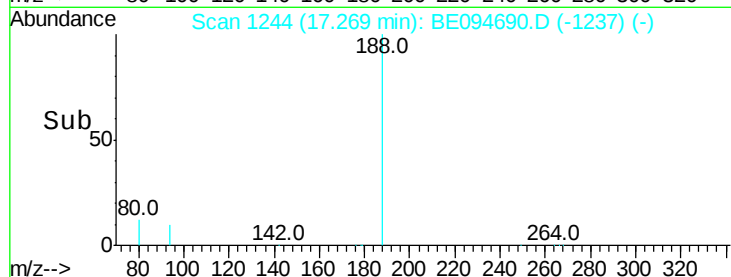
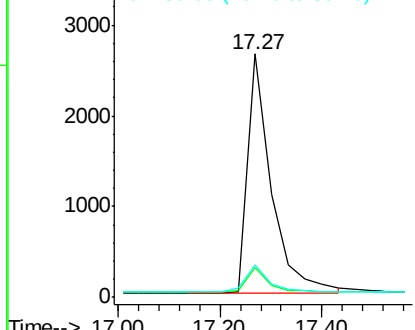
80 13.5 3.6 5.4#



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: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

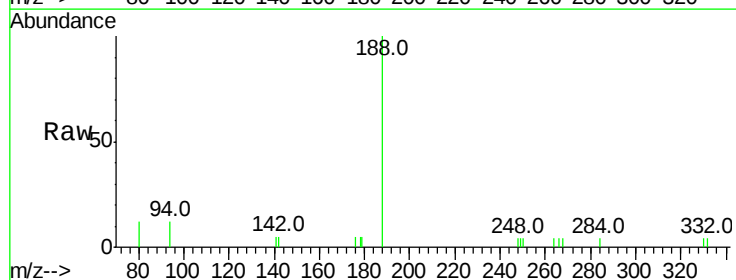
Tgt Ion:178 Resp: 65

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

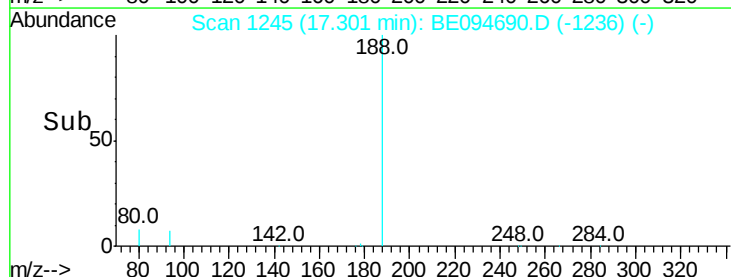
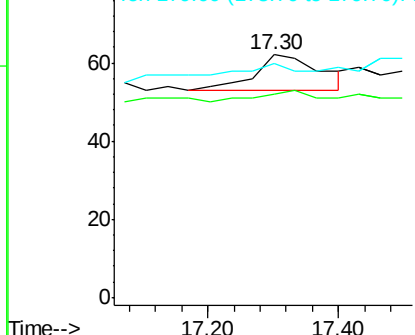
179 21.5 11.8 17.6#

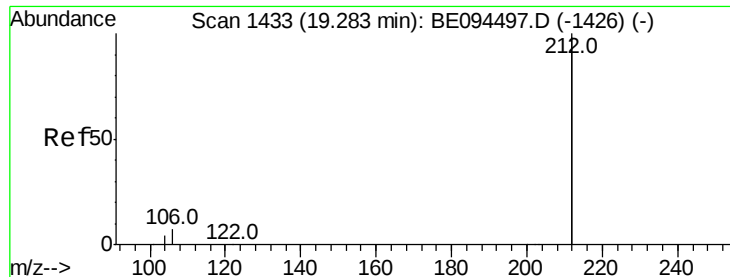


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.232 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampleId :

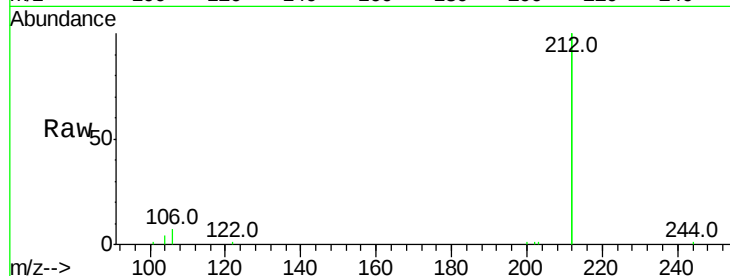
Tot Ion:212 Resp: 27663

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

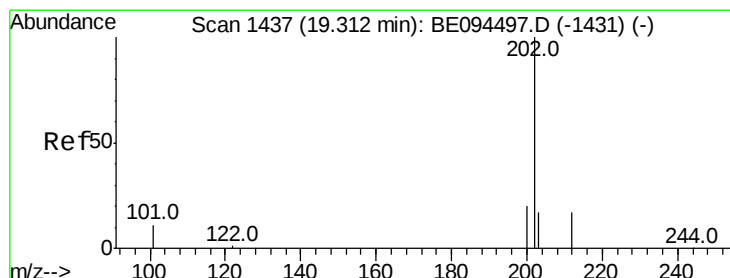
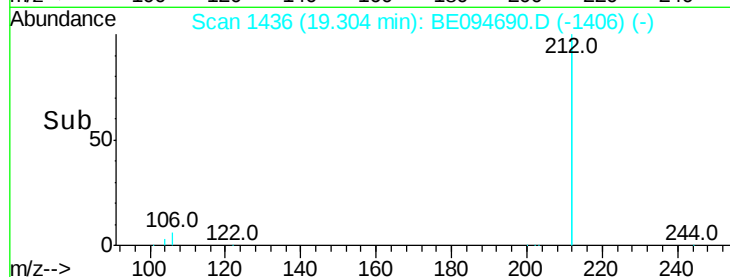
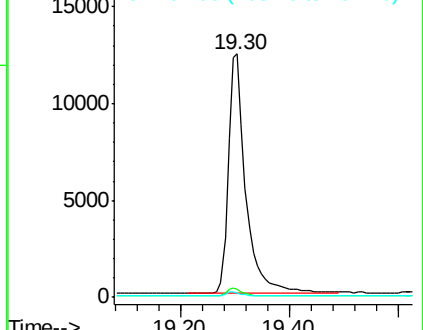
104 1.9 1.6 2.4



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: 19.33 min Scan# 1440

Delta R.T. 0.02 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

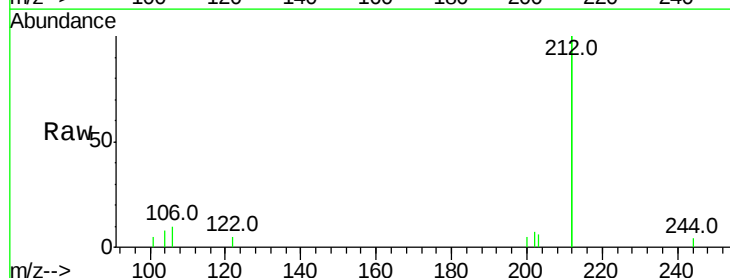
Tgt Ion:202 Resp: 91

Ion Ratio Lower Upper

202 100

101 7.7 9.8 14.8#

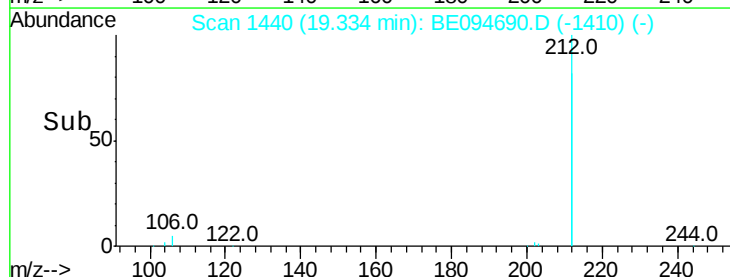
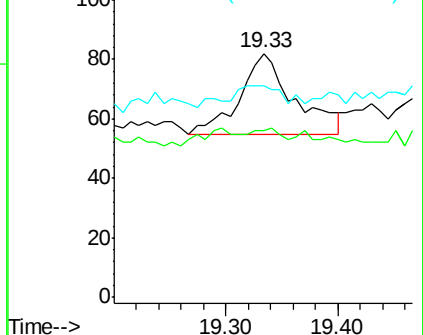
203 0.0 13.7 20.5#

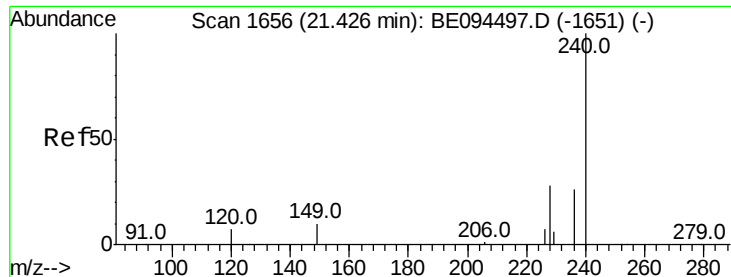


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampleId :

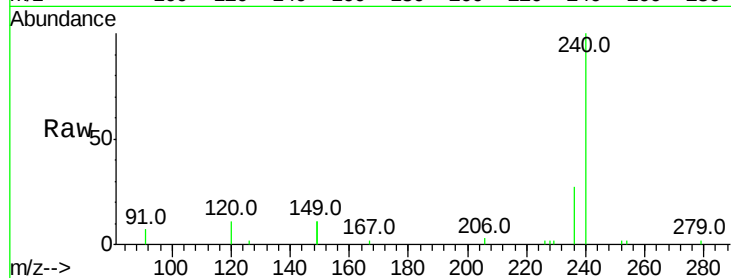
Tot Ion:240 Resp: 8582

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

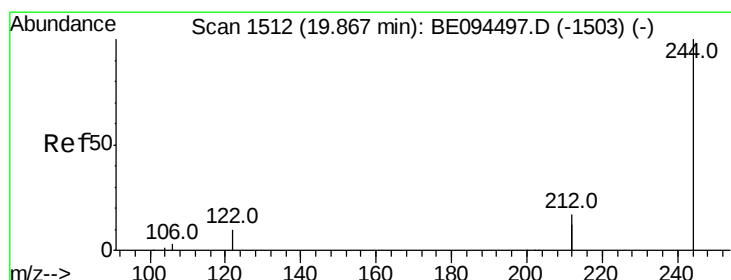
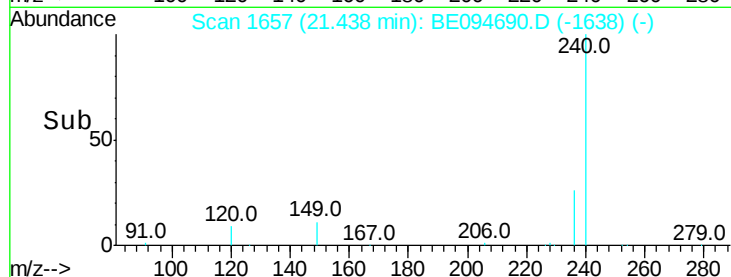
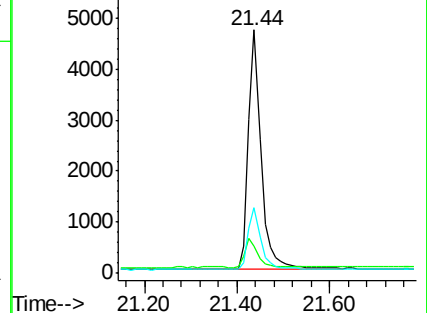
236 26.9 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.260 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

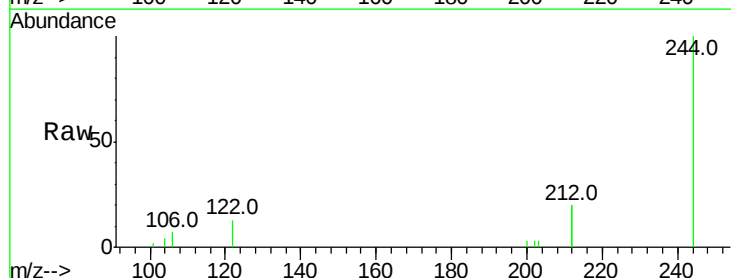
Tgt Ion:244 Resp: 4211

Ion Ratio Lower Upper

244 100

212 39.8 25.4 38.0#

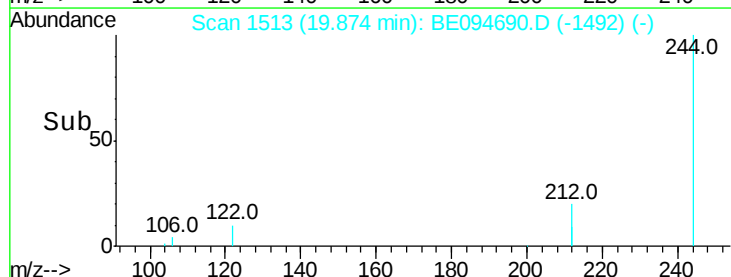
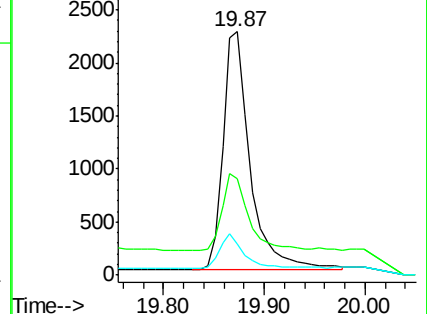
122 12.7 8.1 12.1#

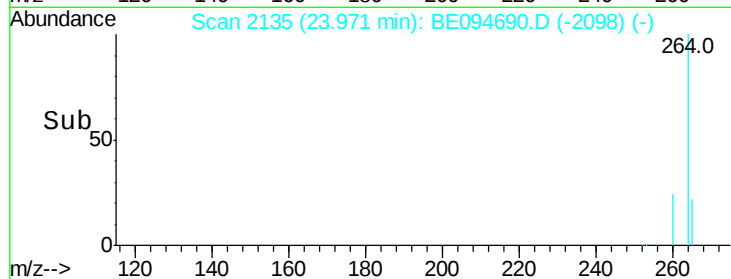
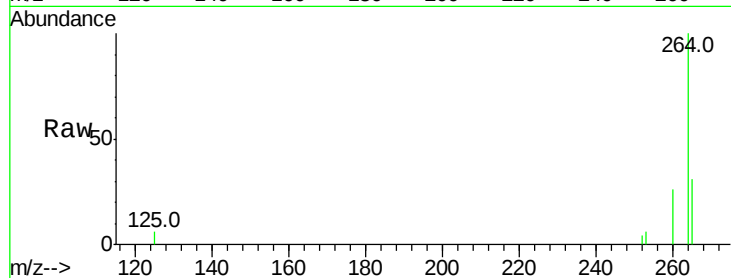
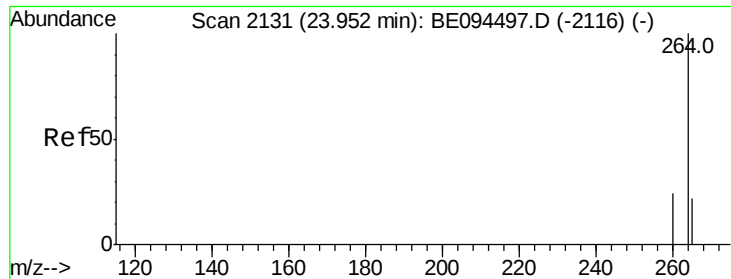


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094690.D

Acq: 1 Nov 2017 14:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 8013

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 30.5 22.8 34.2

