

Data Path : Z:\HPCHEM1\BNA_E\Data\BE110217\
 Data File : BE094696.D
 Acq On : 2 Nov 2017 15:40
 Operator : SJ/JU
 Sample : PB103598BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BL

Quant Time: Nov 02 18:12:54 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

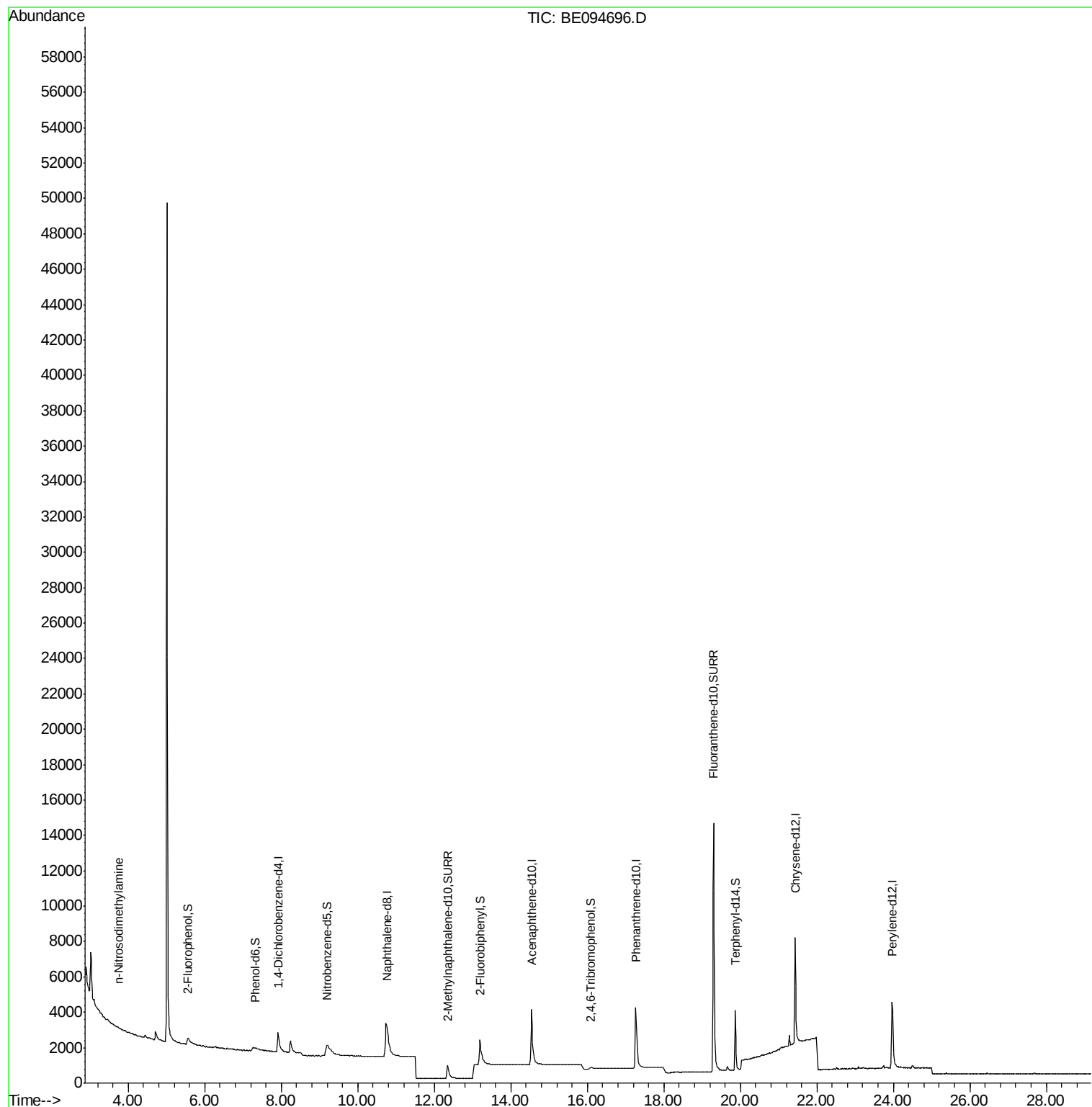
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1059	0.40	ng	0.01
7) Naphthalene-d8	10.76	136	6019	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	3784	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8989	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8686	0.40	ng	0.01
34) Perylene-d12	23.97	264	7936	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.55	112	690	0.19	ng	0.03
5) Phenol-d6	7.32	99	980	0.18	ng	0.18
8) Nitrobenzene-d5	9.20	82	817	0.17	ng	0.12
11) 2-Methylnaphthalene-d10	12.35	152	2801	0.29	ng	0.06
14) 2,4,6-Tribromophenol	16.10	330	129	0.12	ng	0.07
15) 2-Fluorobiphenyl	13.19	172	3446	0.26	ng	0.05
25) Fluoranthene-d10	19.30	212	27992	0.22	ng	0.01
29) Terphenyl-d14	19.87	244	4269	0.26	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.75	42	37	0.022	ng	Qvalue # 1
23) Phenanthrene	17.30	178	49	Below Cal	#	29
26) Fluoranthene	19.33	202	59	Below Cal	#	73

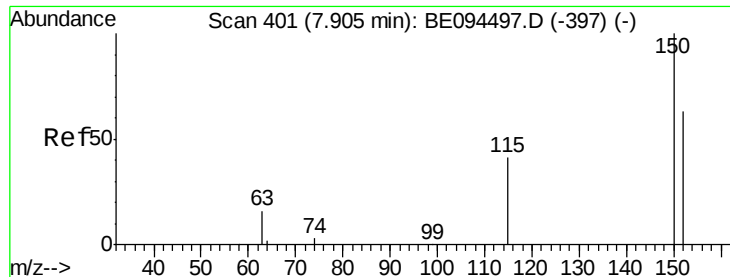
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

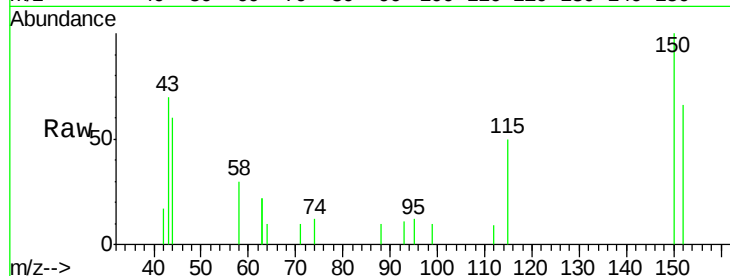
Tgt Ion:152 Resp: 1059

Ion Ratio Lower Upper

152 100

150 150.6 117.2 175.8

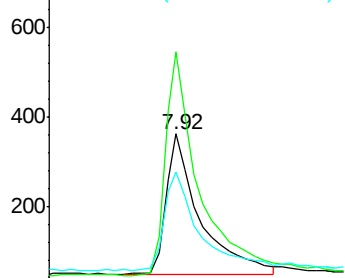
115 76.0 57.0 85.6



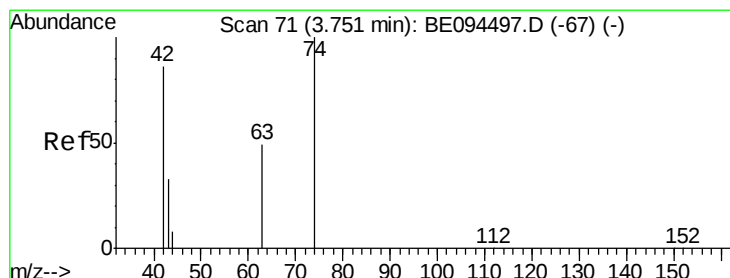
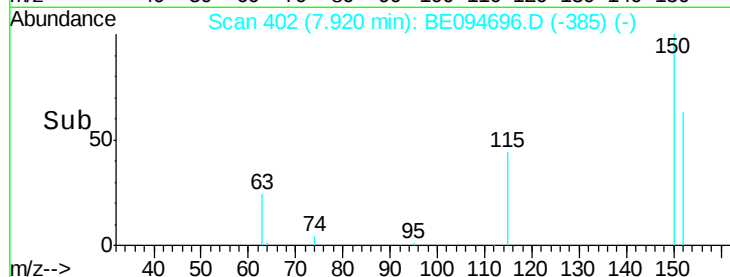
Abundance Ion 152.00 (151.70 to 152.70): E

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: 3.75 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

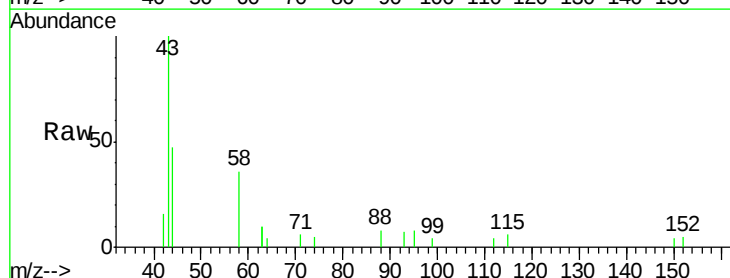
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

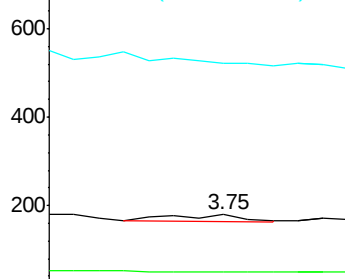
44 0.0 17.0 25.4#



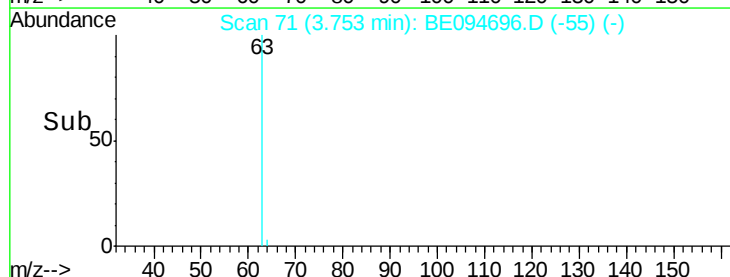
Abundance Ion 42.00 (41.70 to 42.70): BE0

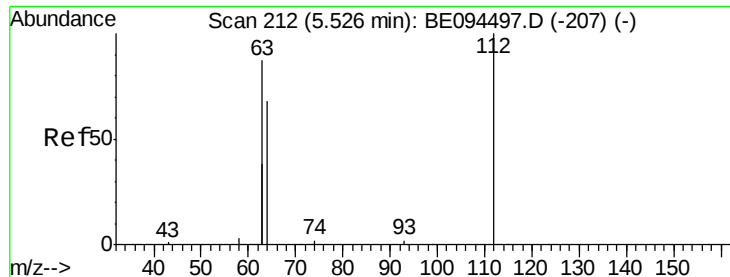
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.55 min Scan# 214

Delta R.T. 0.03 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

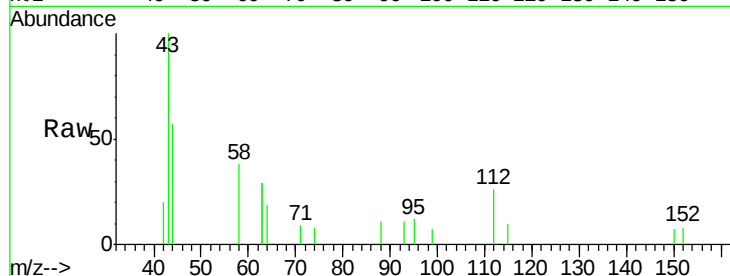
Tgt Ion: 112 Resp: 690

Ion Ratio Lower Upper

112 100

64 71.4 60.1 90.1

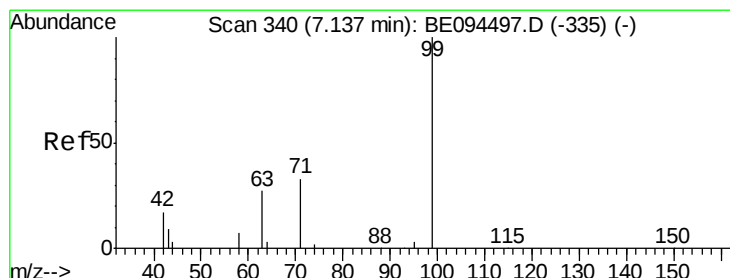
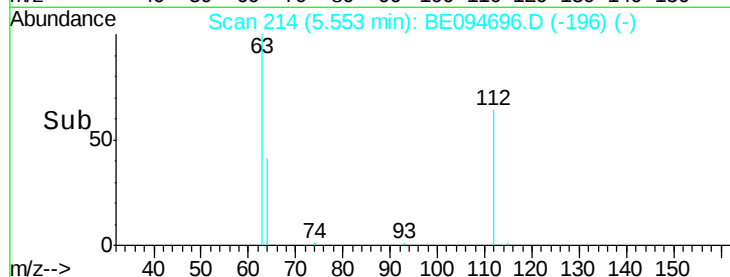
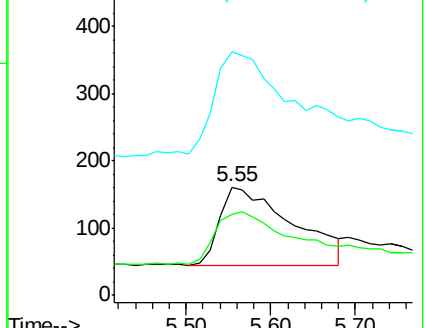
63 154.8 116.8 175.2



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: 0.179 ng

RT: 7.32 min Scan# 354

Delta R.T. 0.18 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

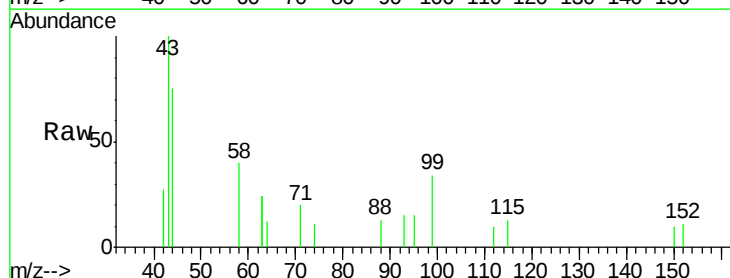
Tgt Ion: 99 Resp: 980

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

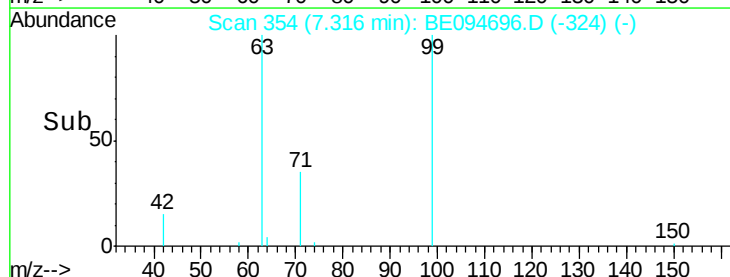
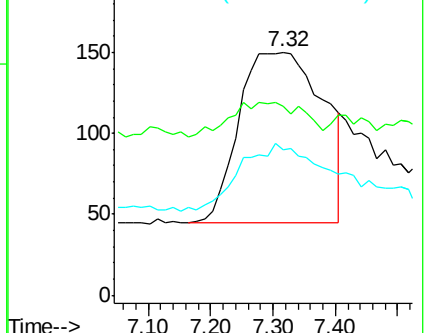
71 37.3 28.4 42.6

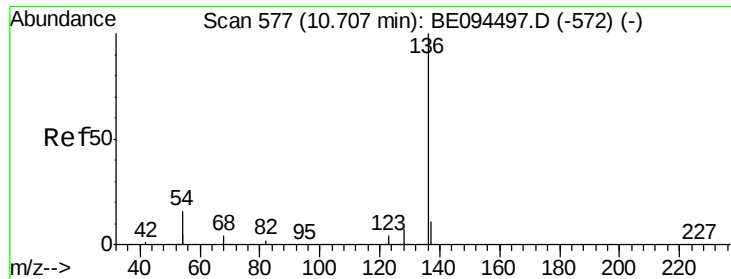


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

Tgt Ion:136 Resp: 6019

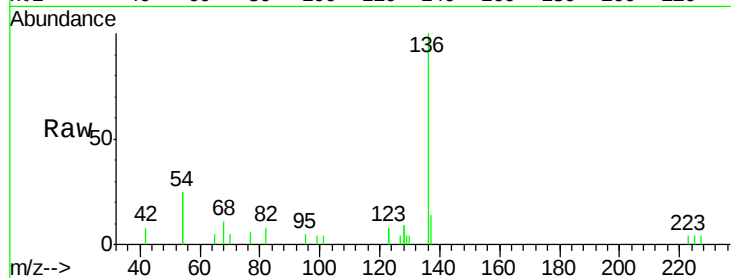
Ion Ratio Lower Upper

136 100

137 14.1 9.5 14.3

54 49.3 29.1 43.7#

68 10.6 6.2 9.2#

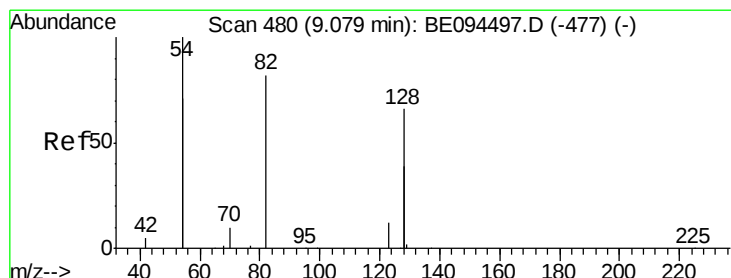
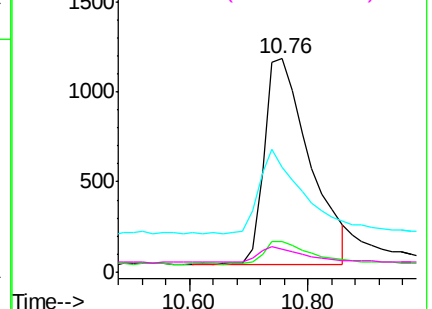
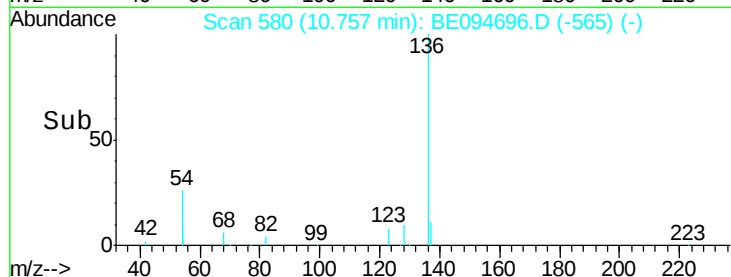


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.170 ng

RT: 9.20 min Scan# 487

Delta R.T. 0.12 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

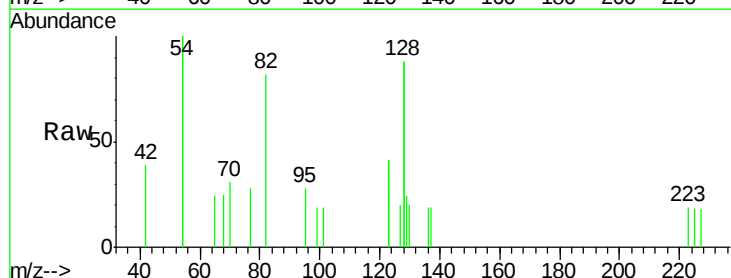
Tgt Ion: 82 Resp: 817

Ion Ratio Lower Upper

82 100

128 215.5 150.0 225.0

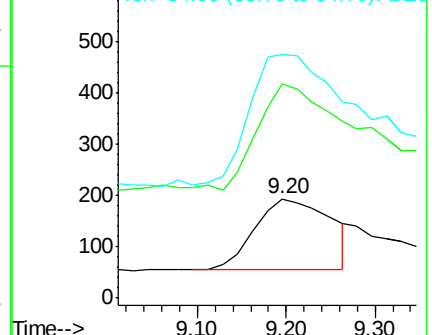
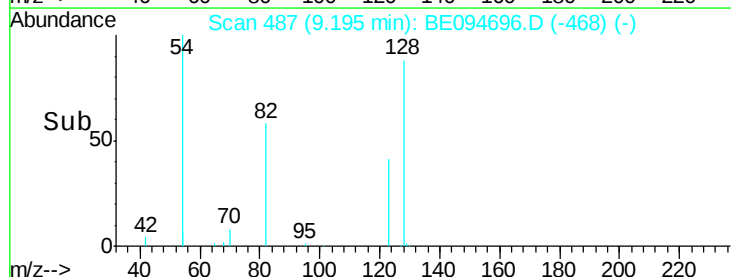
54 245.4 154.2 231.4#

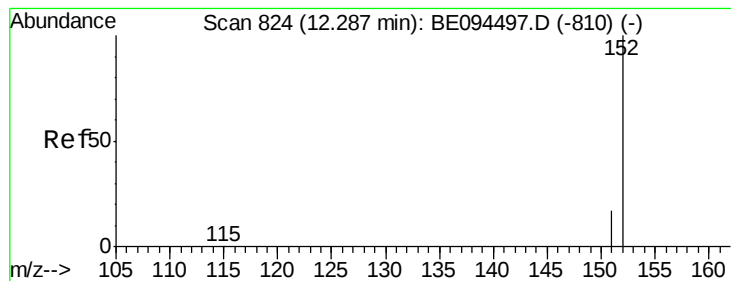


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 12.35 min Scan# 839

Delta R.T. 0.06 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

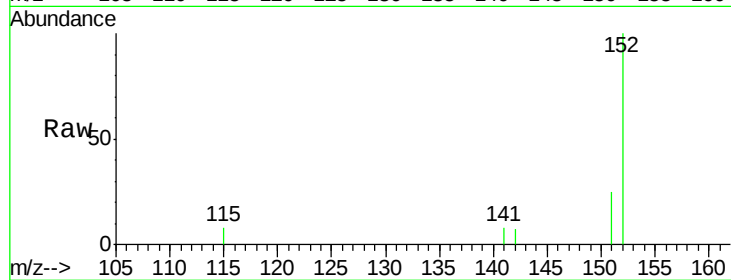
PB103598BL

Tgt Ion:152 Resp: 2801

Ion Ratio Lower Upper

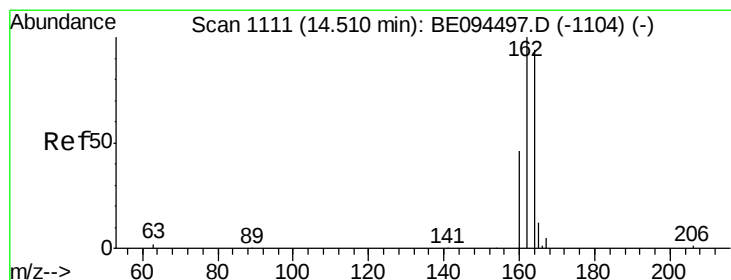
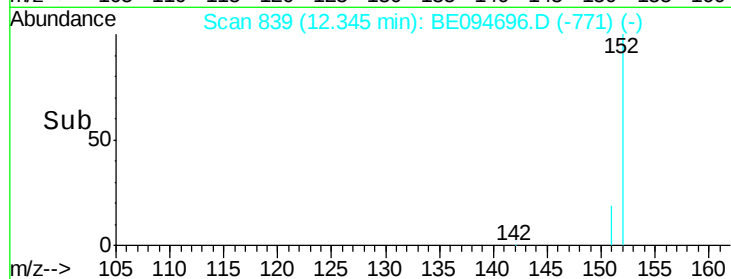
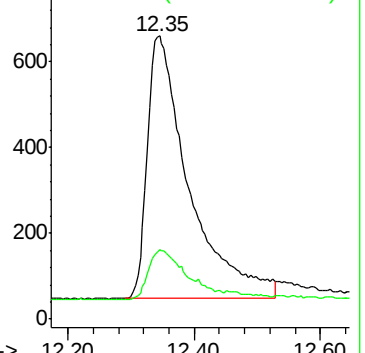
152 100

151 17.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

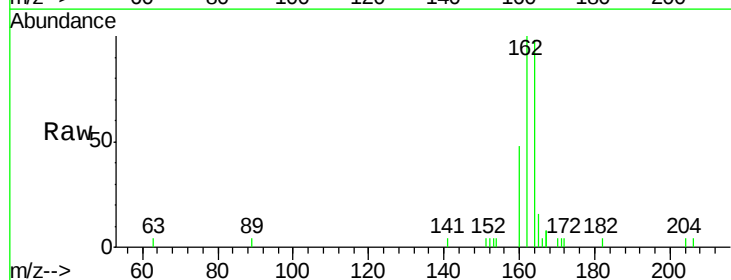
Tgt Ion:164 Resp: 3784

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

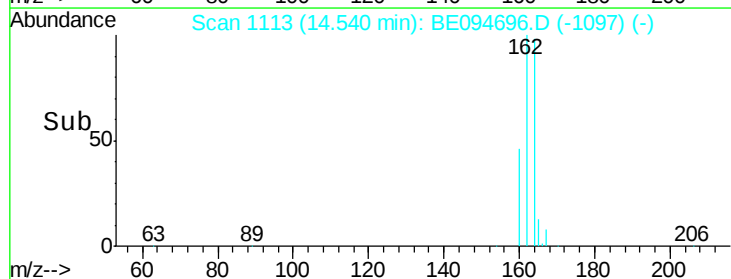
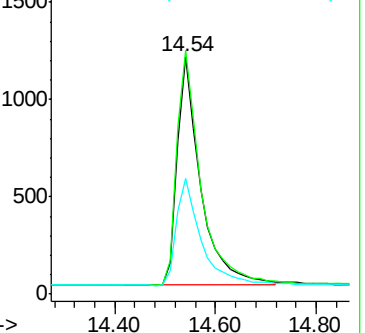
160 48.7 37.1 55.7

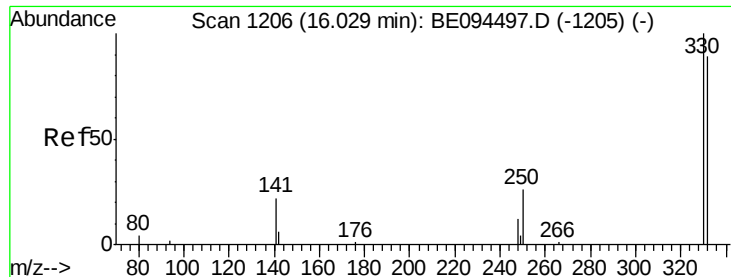


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

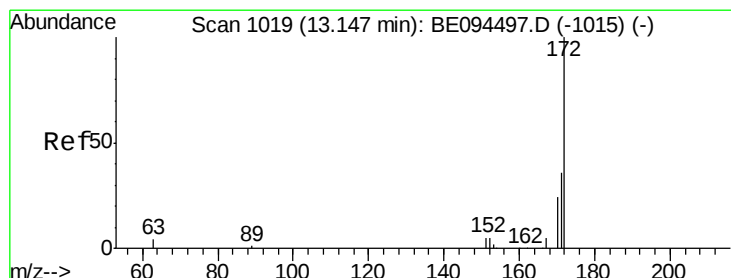
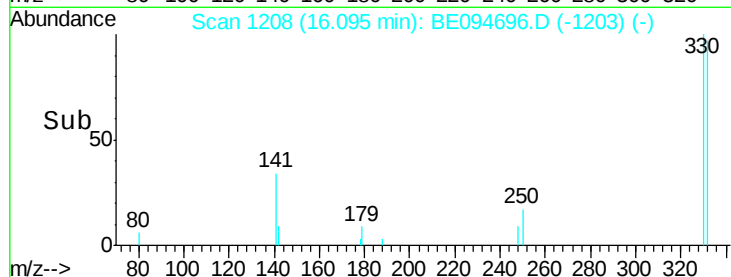
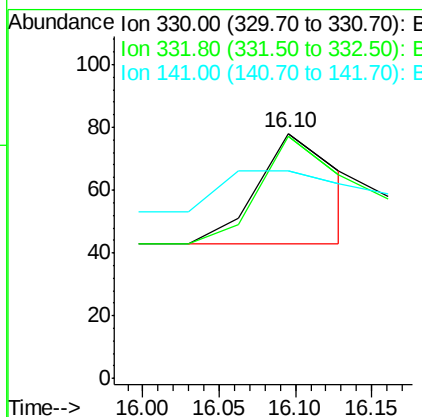
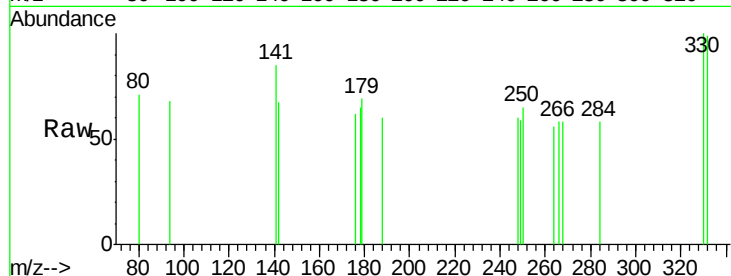




#14
 2,4,6-Tribromophenol
 Concen: 0.124 ng
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094696.D
 Acq: 2 Nov 2017 15:40

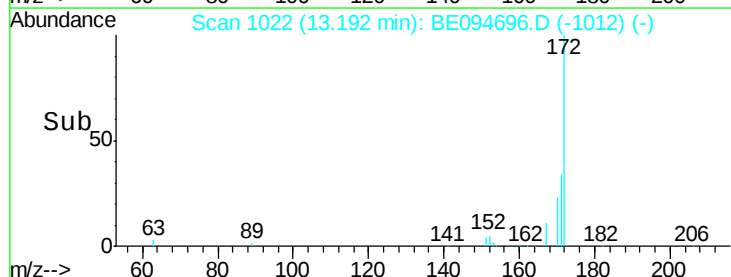
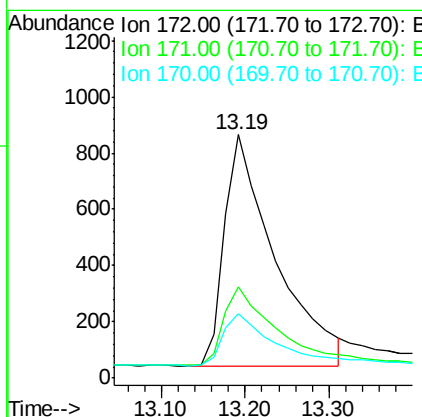
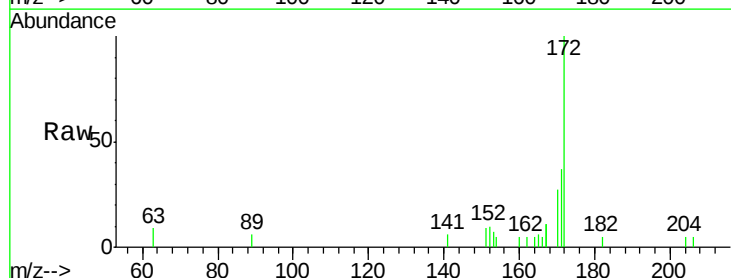
Instrument :
 BNA_E
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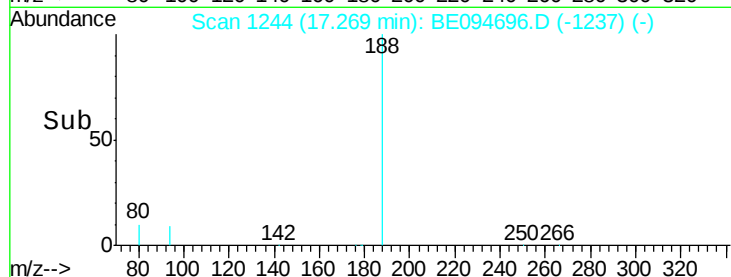
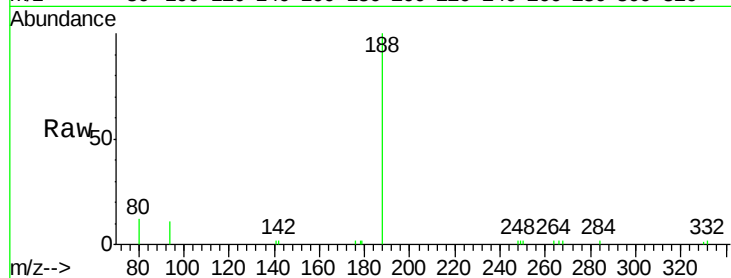
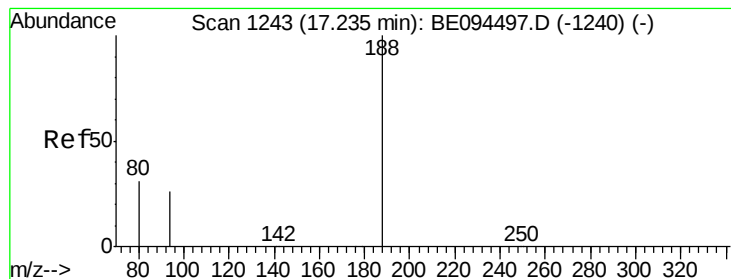
Tgt Ion: 330 Resp: 129
 Ion Ratio Lower Upper
 330 100
 332 93.8 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.258 ng
 RT: 13.19 min Scan# 1022
 Delta R.T. 0.05 min
 Lab File: BE094696.D
 Acq: 2 Nov 2017 15:40

Tgt Ion: 172 Resp: 3446
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 26.6 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: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

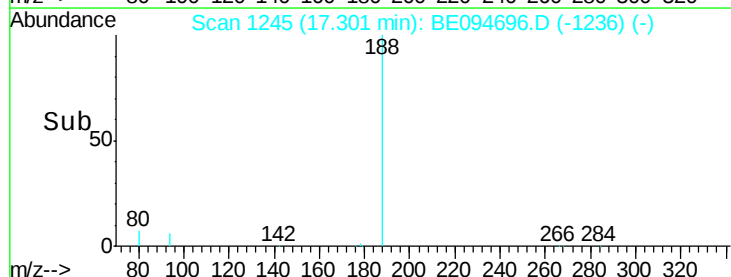
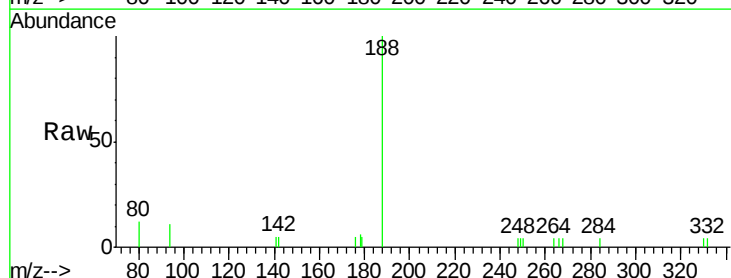
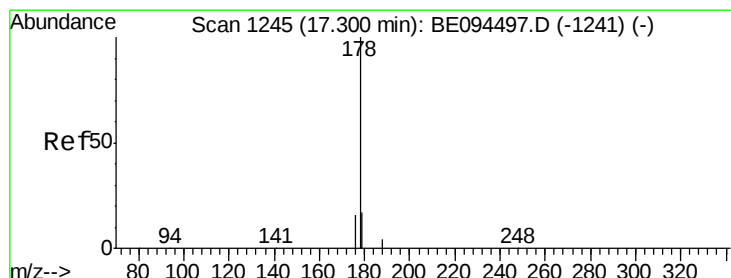
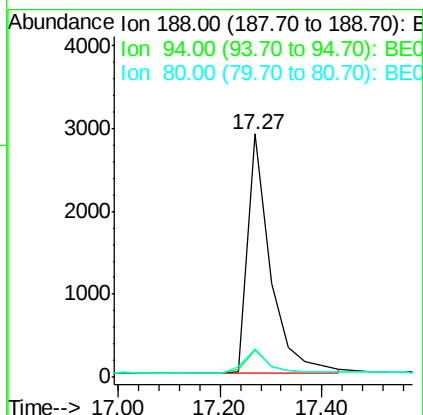
Tgt Ion:188 Resp: 8989

Ion Ratio Lower Upper

188 100

94 11.1 3.9 5.9#

80 11.9 3.6 5.4#



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

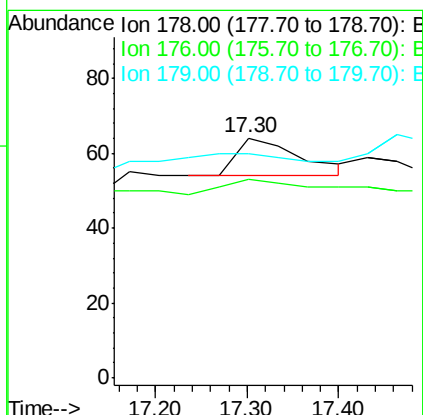
Tgt Ion:178 Resp: 49

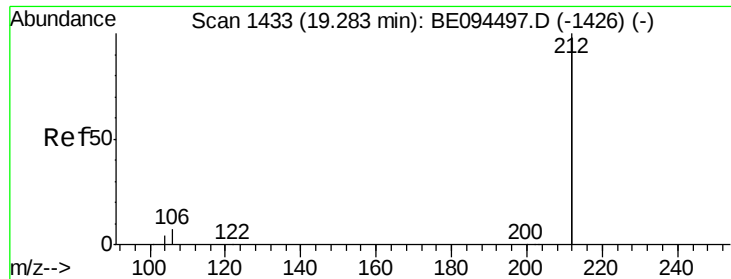
Ion Ratio Lower Upper

178 100

176 63.3 15.1 22.7#

179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.219 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

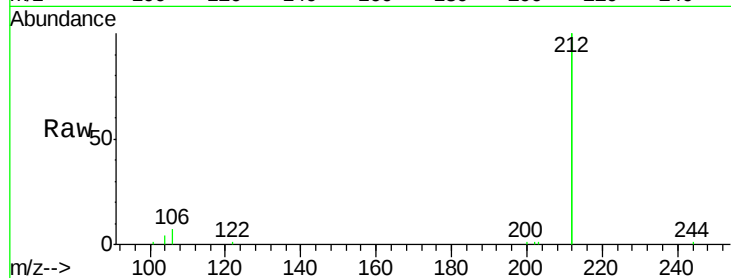
Tgt Ion:212 Resp: 27992

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

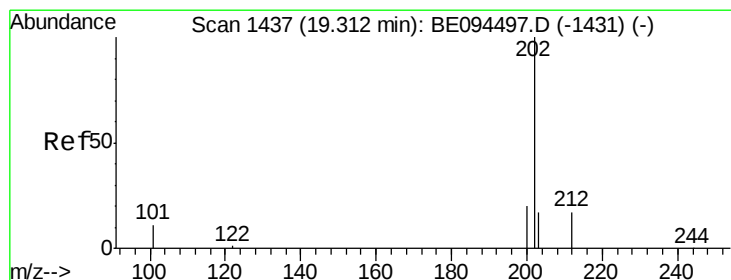
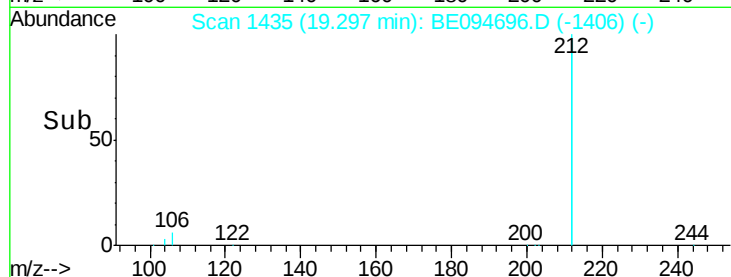
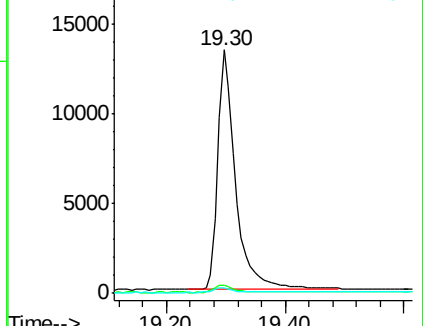
104 1.9 1.6 2.4



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: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

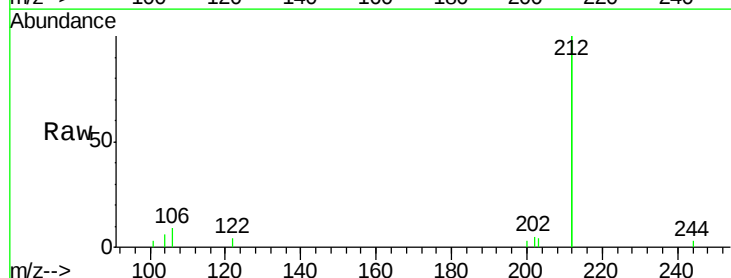
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

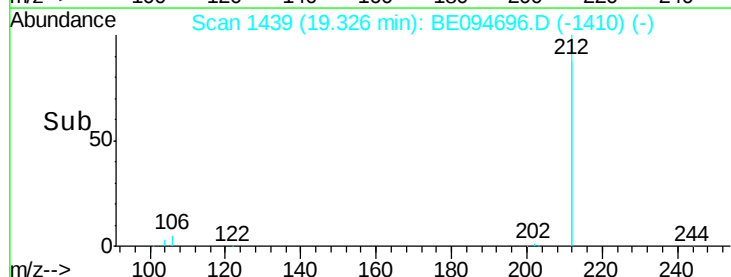
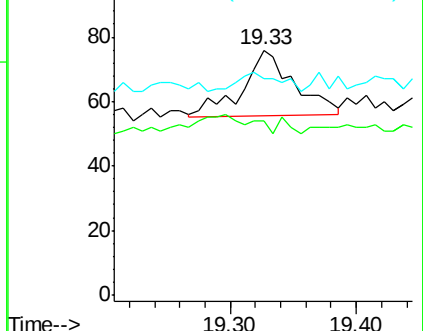
203 27.1 13.7 20.5#

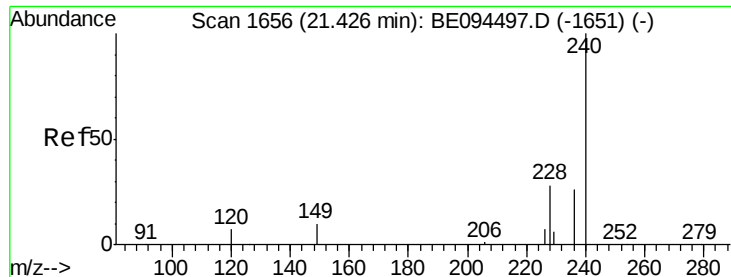


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094696.D

Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL

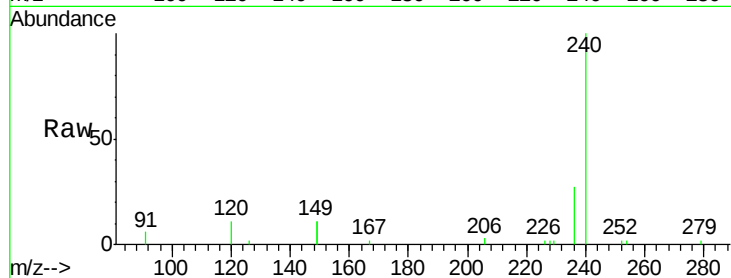
Tgt Ion:240 Resp: 8686

Ion Ratio Lower Upper

240 100

120 10.7 5.5 8.3#

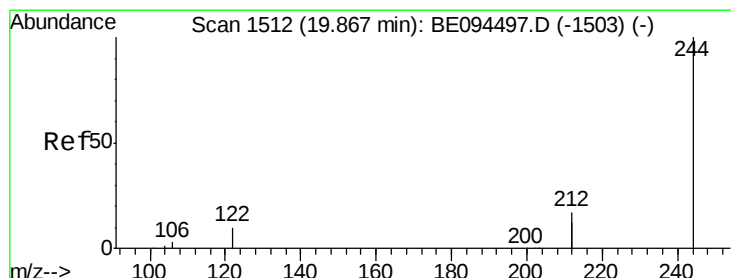
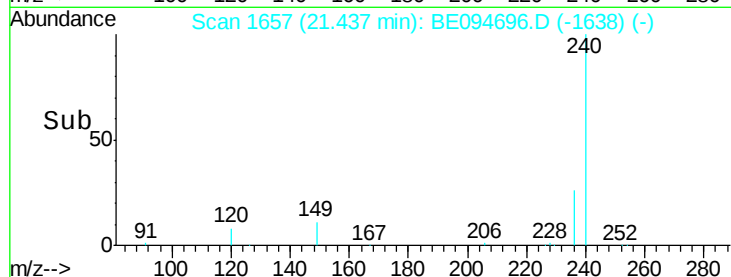
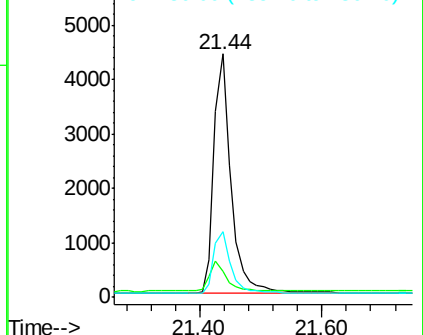
236 27.0 20.7 31.1



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: 0.261 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094696.D

Acq: 2 Nov 2017 15:40

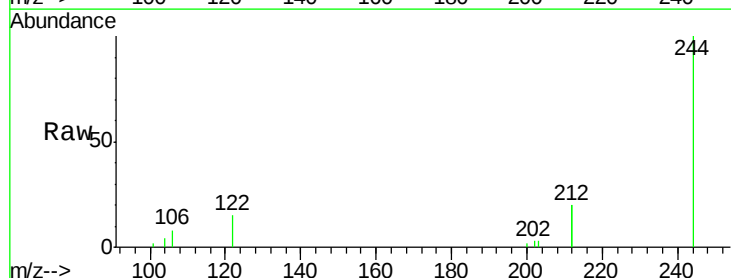
Tgt Ion:244 Resp: 4269

Ion Ratio Lower Upper

244 100

212 39.9 25.4 38.0#

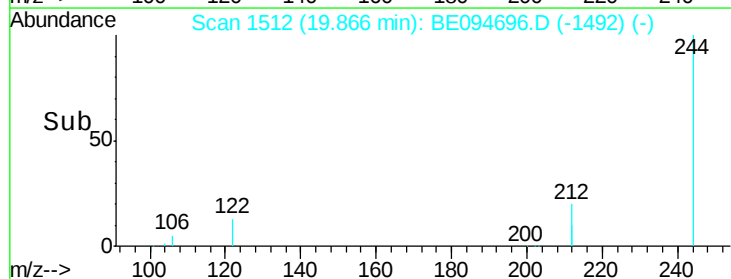
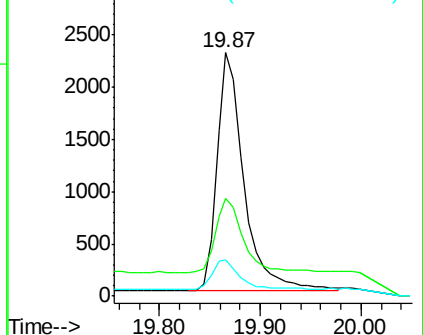
122 15.1 8.1 12.1#

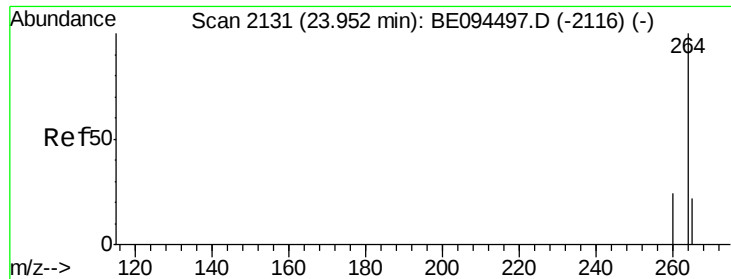


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094696.D

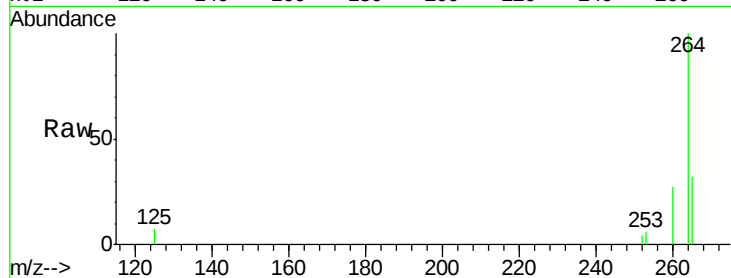
Acq: 2 Nov 2017 15:40

Instrument :

BNA_E

ClientSampleId :

PB103598BL



Tgt Ion: 264 Resp: 7936

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 31.8 22.8 34.2

