

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094874.D
 Acq On : 27 Nov 2017 16:06
 Operator : SJ/JU
 Sample : PB104506TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104506TB

Quant Time: Nov 27 16:41:50 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

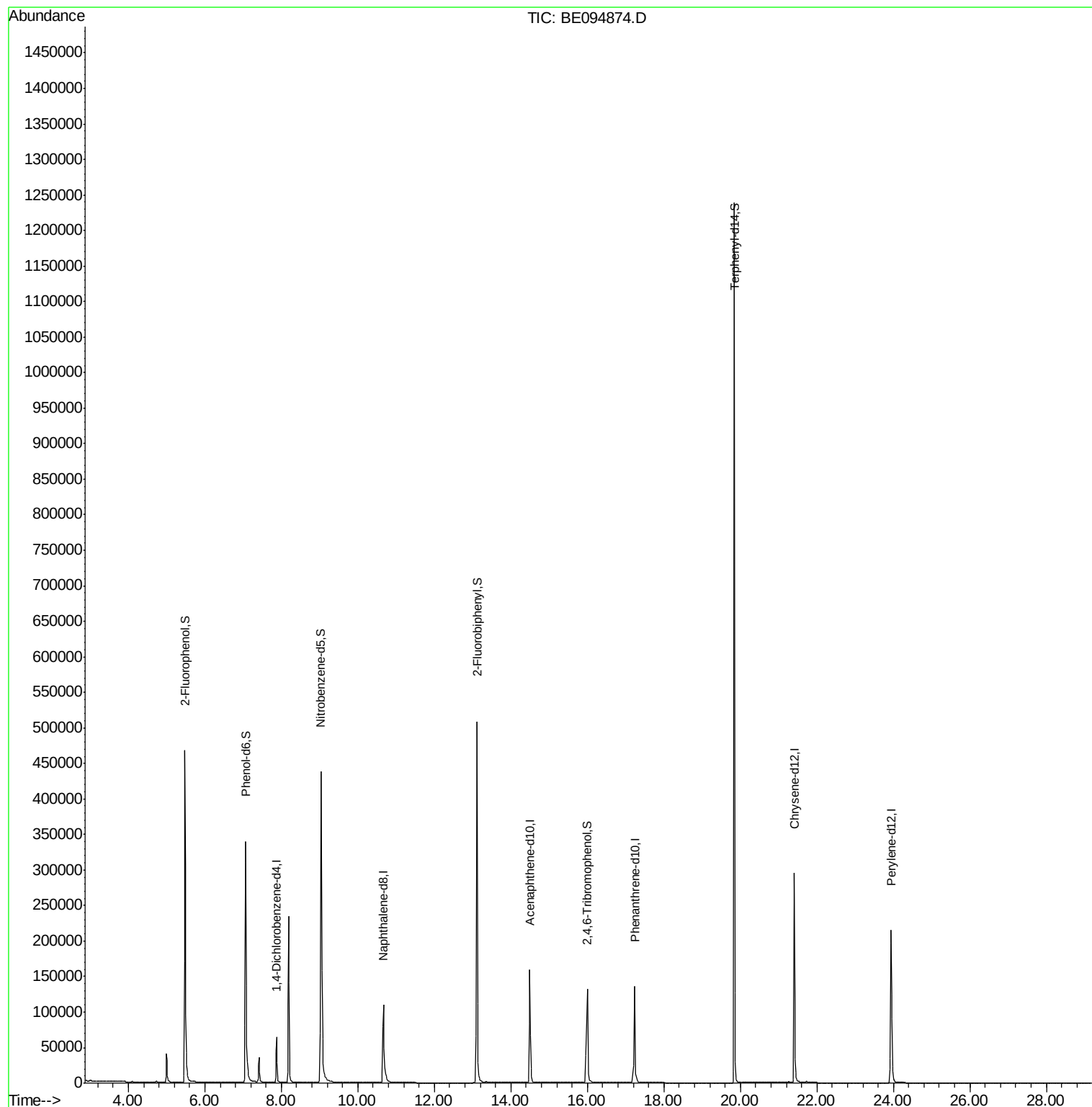
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	32682	0.40	ng	-0.03
7) Naphthalene-d8	10.67	136	191857	0.40	ng	-0.03
13) Acenaphthene-d10	14.50	164	114726	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	291996	0.40	ng	0.00
27) Chrysene-d12	21.42	240	372084	0.40	ng	-0.01
34) Perylene-d12	23.94	264	365187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	282212	2.52	ng	-0.05
5) Phenol-d6	7.07	99	444421	2.63	ng	-0.06
8) Nitrobenzene-d5	9.03	82	264162	1.72	ng	-0.05
11) 2-Methylnaphthalene-d10	12.26	152	2	0.00	ng	-0.03
14) 2,4,6-Tribromophenol	16.00	330	124157	3.92	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	624441	1.54	ng	-0.03
25) Fluoranthene-d10	19.25	212	16	-1.00	ng	-0.03
29) Terphenyl-d14	19.84	244	1123871	1.60	ng	-0.02
Target Compounds						
23) Phenanthrene	17.24	178	153	Below Cal	#	1
26) Fluoranthene	19.33	202	18	Below Cal	#	62

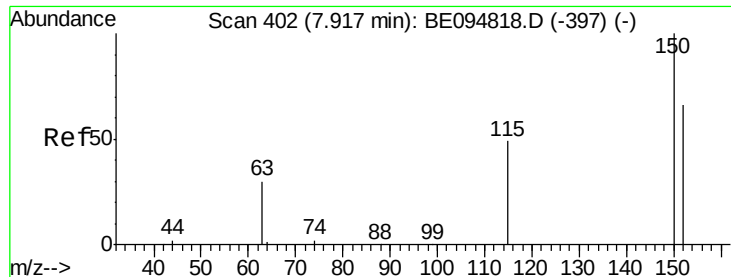
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.03 min

Lab File: BE094874.D

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ClientSampleId :

PB104506TB

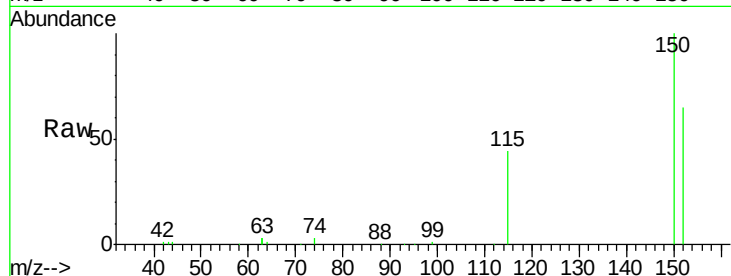
Tgt Ion:152 Resp: 32682

Ion Ratio Lower Upper

152 100

150 153.0 117.2 175.8

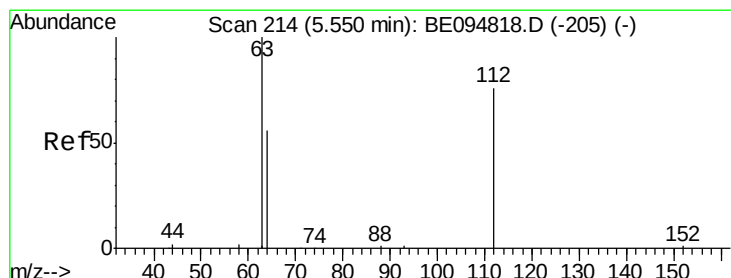
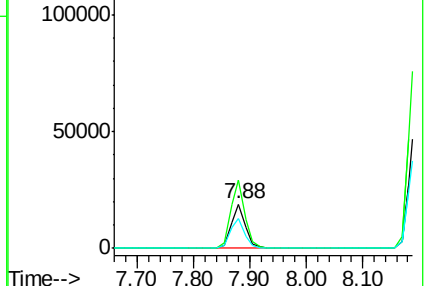
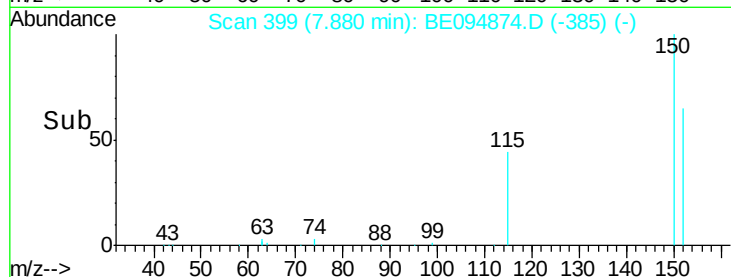
115 68.0 57.0 85.6



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



#4

2-Fluorophenol

Concen: 2.521 ng

RT: 5.48 min Scan# 208

Delta R.T. -0.05 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

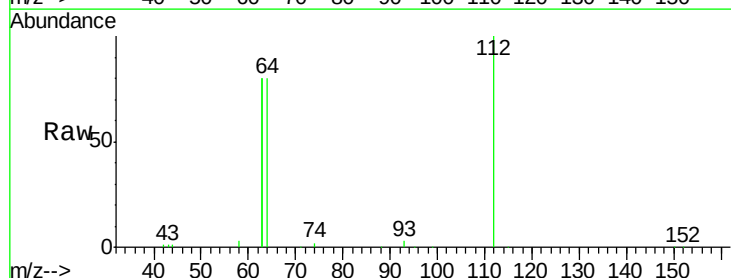
Tgt Ion:112 Resp: 282212

Ion Ratio Lower Upper

112 100

64 66.5 60.1 90.1

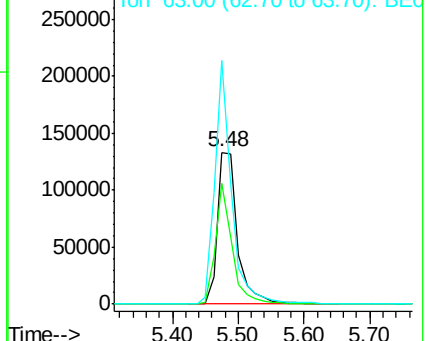
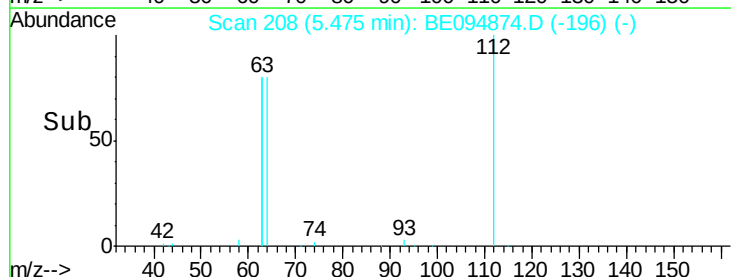
63 133.0 116.8 175.2

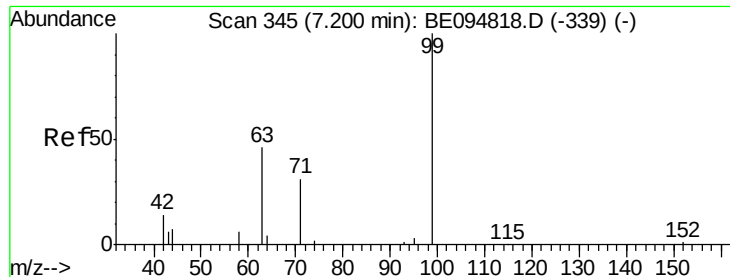


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.630 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.06 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

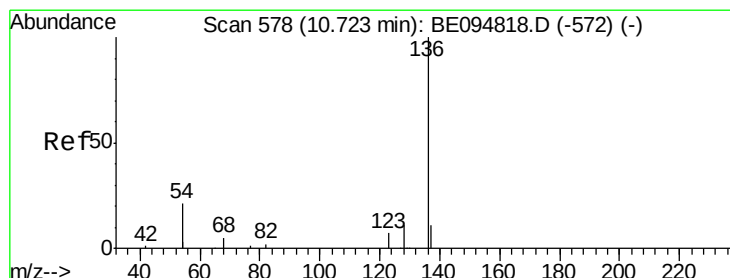
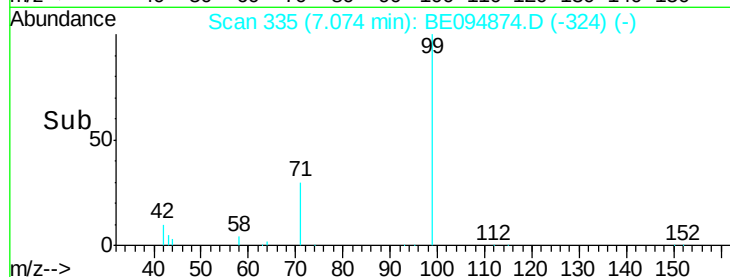
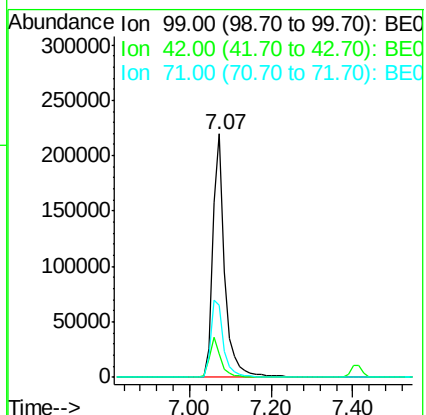
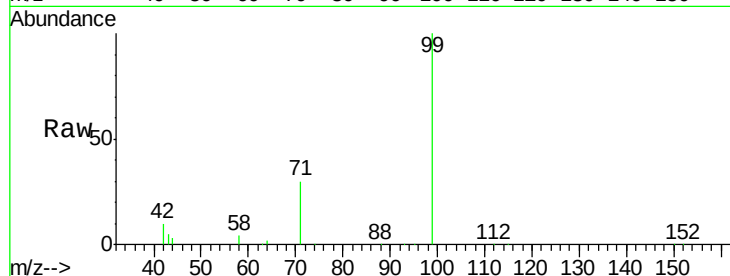
Tgt Ion: 99 Resp: 444421

Ion Ratio Lower Upper

99 100

42 15.8 20.2 30.2#

71 34.6 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 575

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Tgt Ion: 136 Resp: 191857

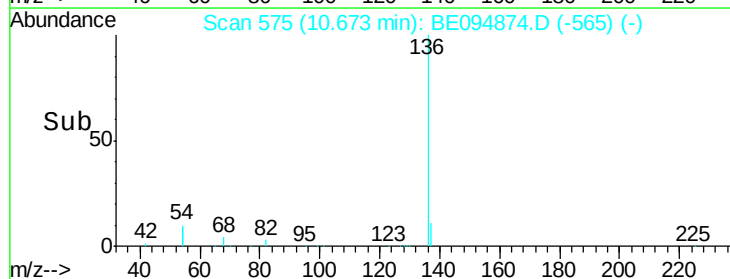
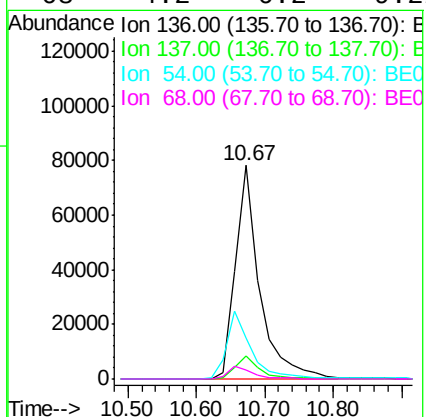
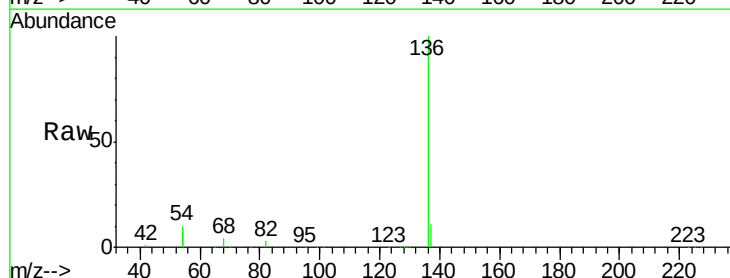
Ion Ratio Lower Upper

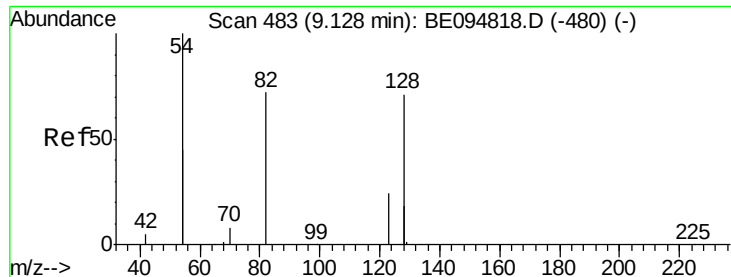
136 100

137 11.0 9.5 14.3

54 19.3 29.1 43.7#

68 4.2 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 1.725 ng

RT: 9.03 min Scan# 477

Delta R.T. -0.05 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

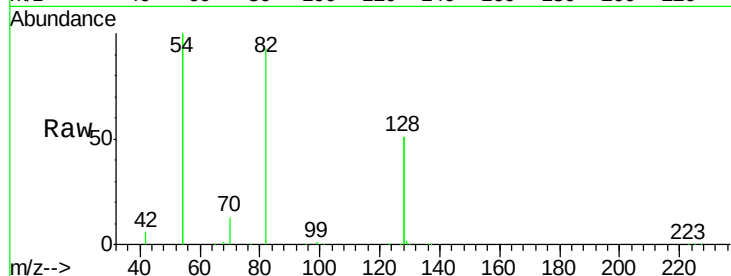
Tgt Ion: 82 Resp: 264162

Ion Ratio Lower Upper

82 100

128 109.7 150.0 225.0#

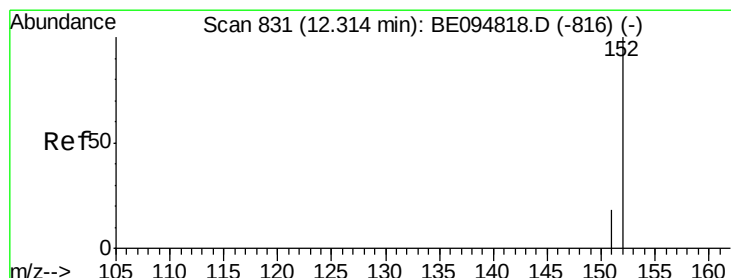
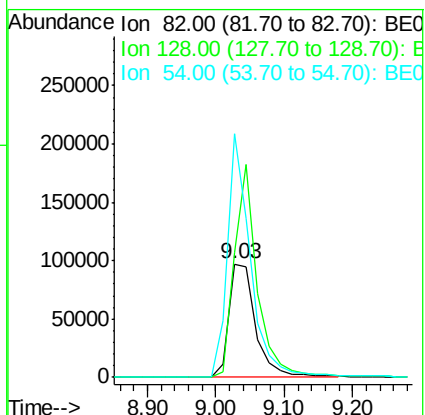
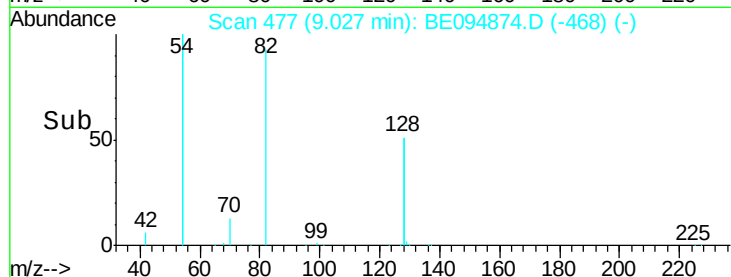
54 214.7 154.2 231.4



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: 0.000 ng

RT: 12.26 min Scan# 816

Delta R.T. -0.03 min

Lab File: BE094874.D

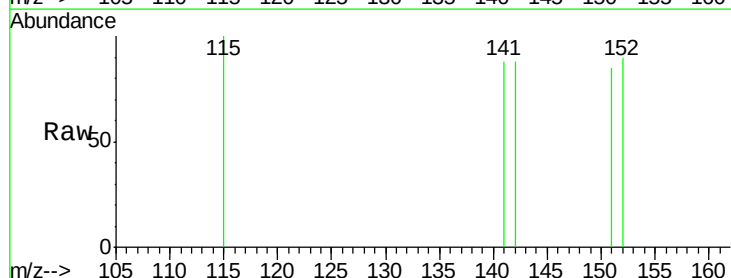
Acq: 27 Nov 2017 16:06

Tgt Ion: 152 Resp: 2

Ion Ratio Lower Upper

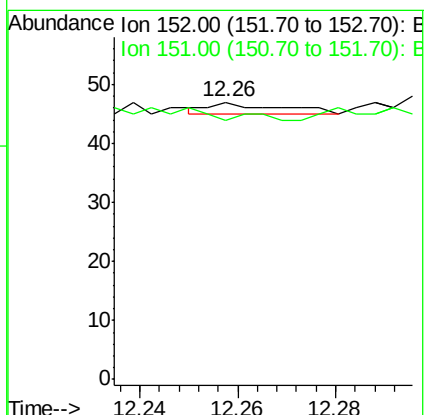
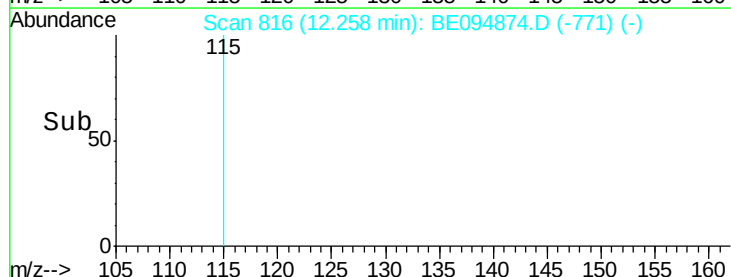
152 100

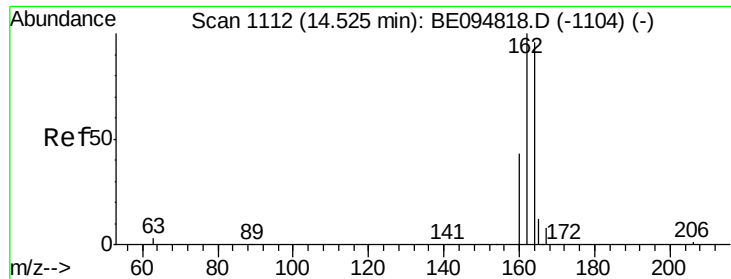
151 0.0 15.4 23.0#



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: 14.50 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

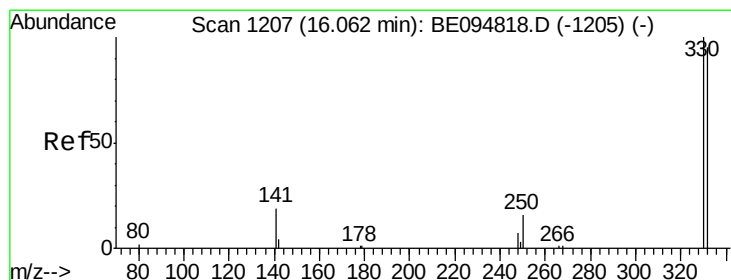
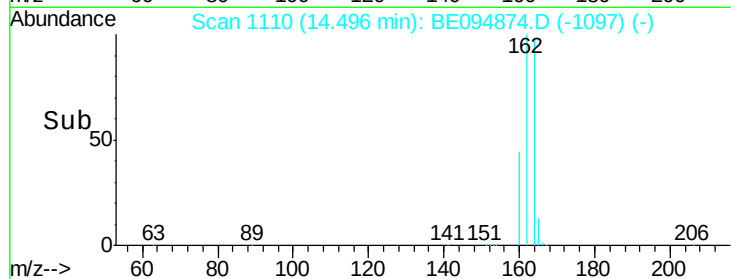
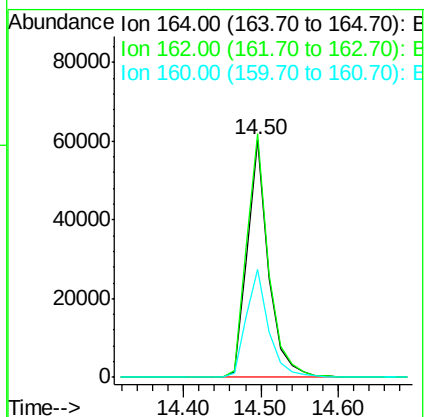
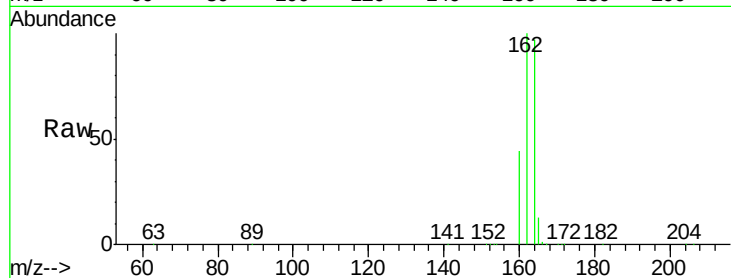
Tgt Ion:164 Resp: 114726

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

160 45.3 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 3.923 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

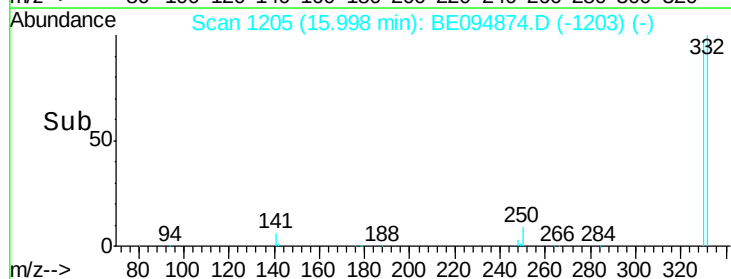
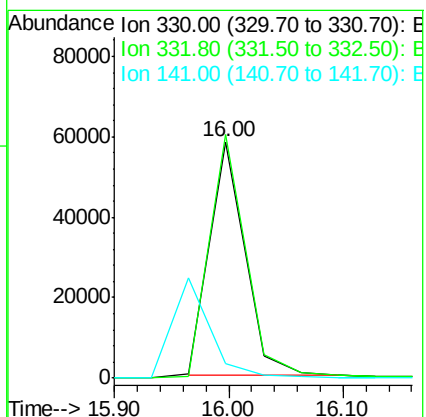
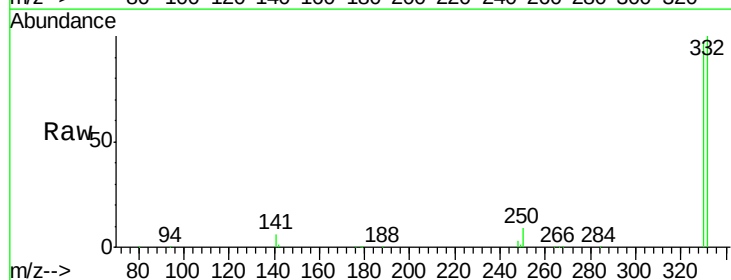
Tgt Ion:330 Resp: 124157

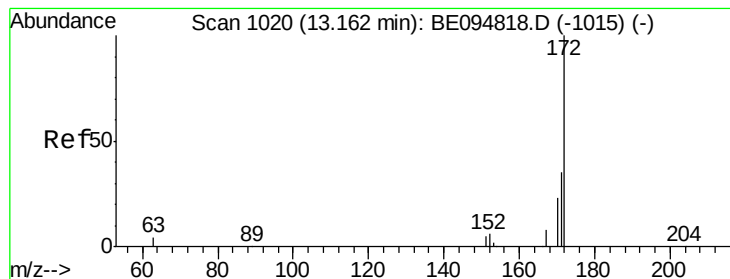
Ion Ratio Lower Upper

330 100

332 104.3 152.7 229.1#

141 0.0 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 1.544 ng

RT: 13.12 min Scan# 1017

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

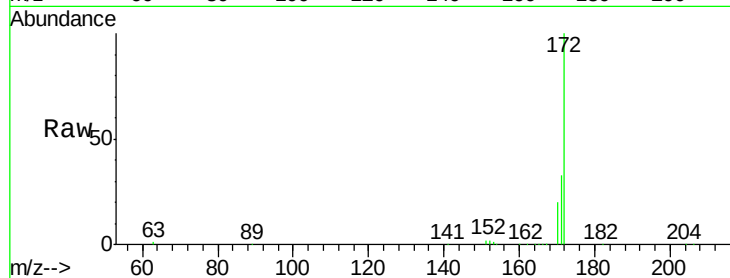
Tgt Ion:172 Resp: 624441

Ion Ratio Lower Upper

172 100

171 32.9 29.9 44.9

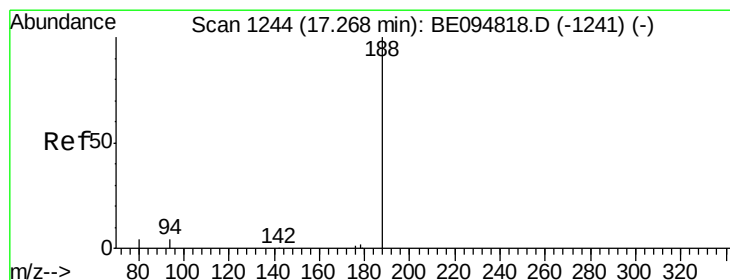
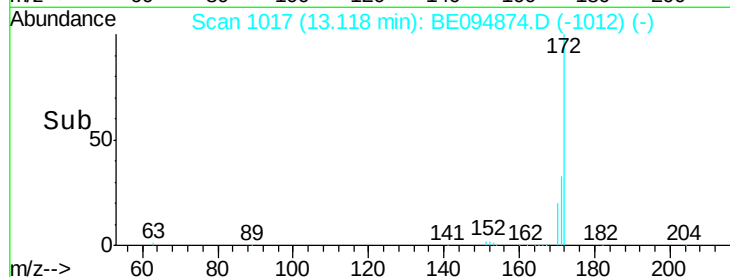
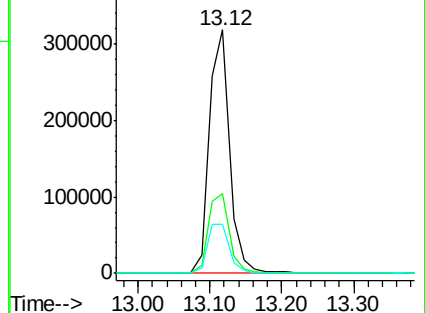
170 20.0 21.8 32.8#



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: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

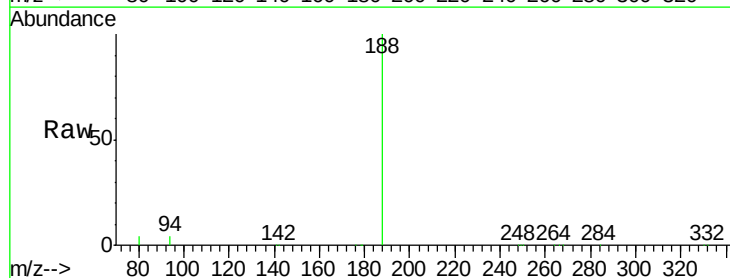
Tgt Ion:188 Resp: 291996

Ion Ratio Lower Upper

188 100

94 3.9 3.9 5.9

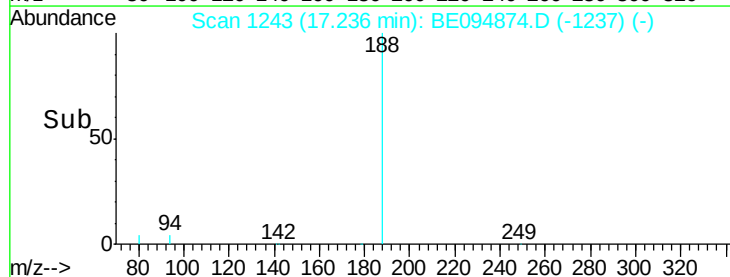
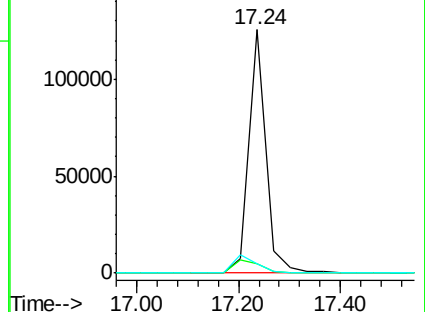
80 3.9 3.6 5.4

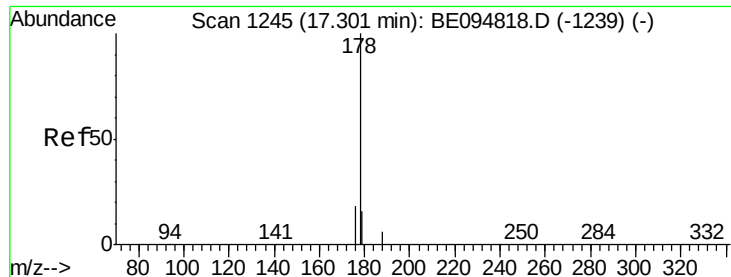


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: Below Cal

RT: 17.24 min Scan# 1243

Delta R.T. -0.06 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

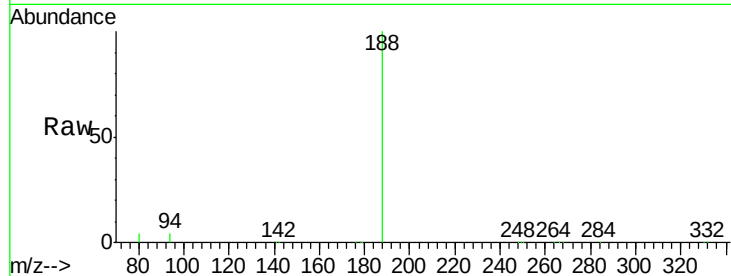
Tgt Ion:178 Resp: 153

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

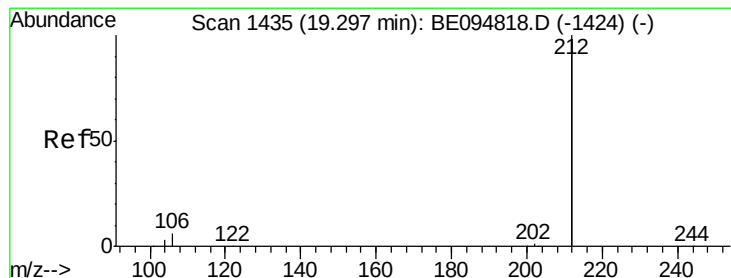
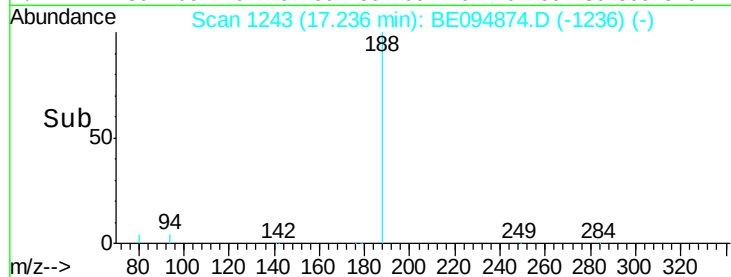
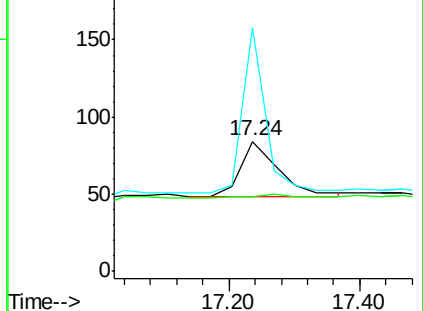
179 169.9 11.8 17.6#



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: -1.000 ng

RT: 19.25 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

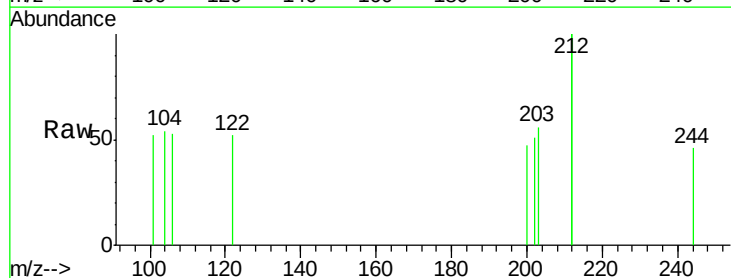
Tgt Ion:212 Resp: 16

Ion Ratio Lower Upper

212 100

106 25.0 2.8 4.2#

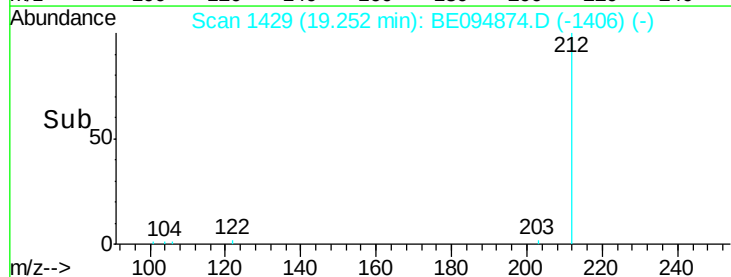
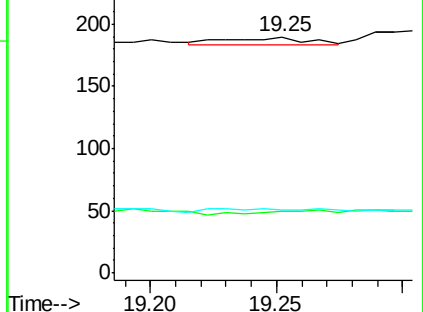
104 0.0 1.6 2.4#

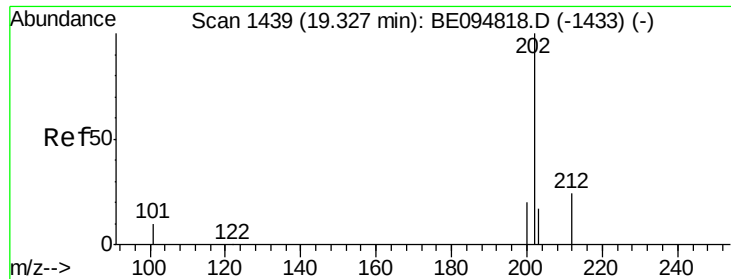


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

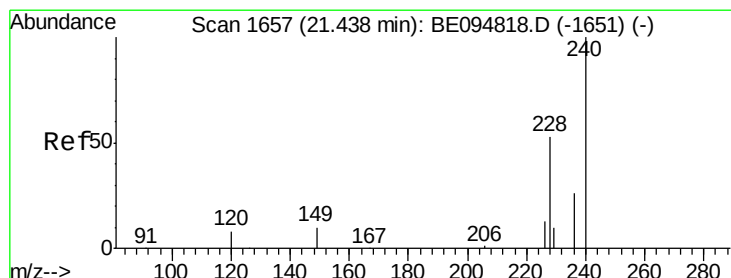
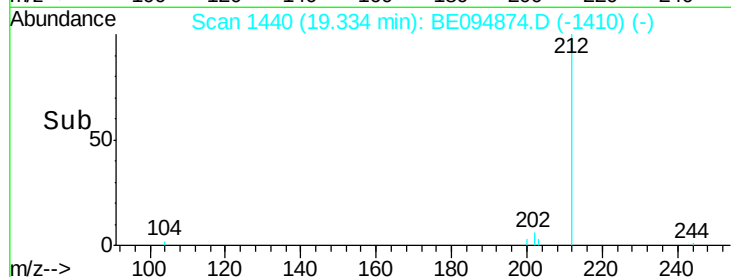
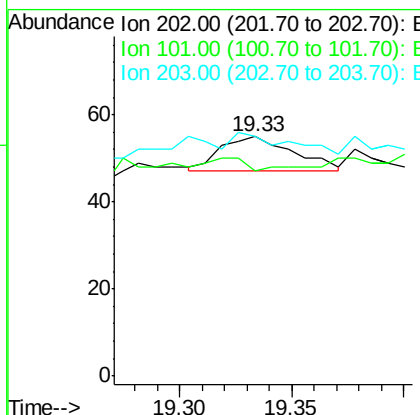
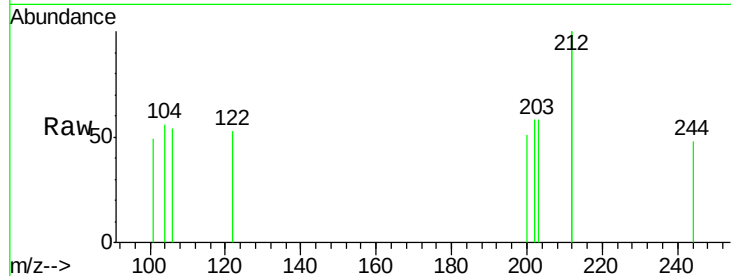




#26
 Fluoranthene
 Concen: Below Cal
 RT: 19.33 min Scan# 1440
 Delta R.T. 0.02 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

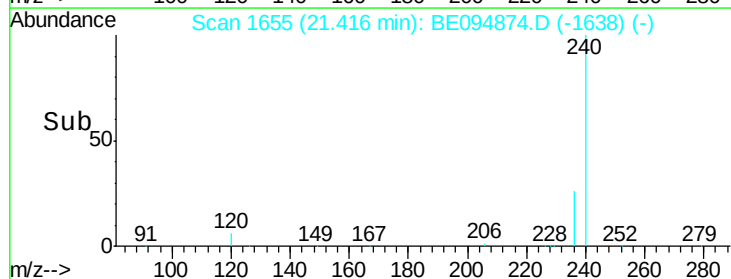
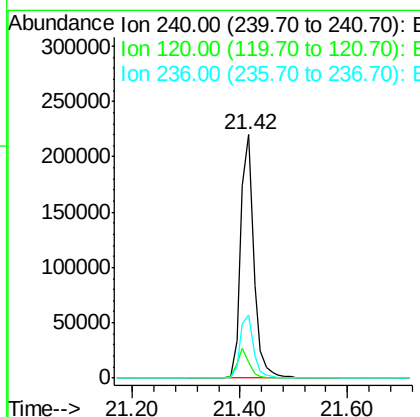
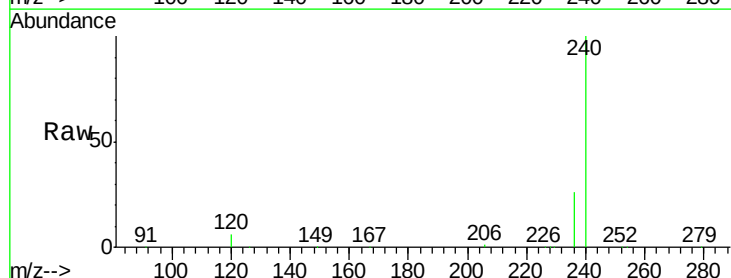
Instrument :
 BNA_E
 ClientSampleId :
 PB104506TB

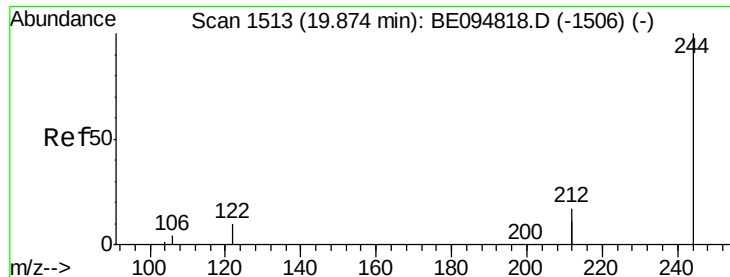
Tgt Ion: 202 Resp: 18
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 203 44.4 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

Tgt Ion: 240 Resp: 372084
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.5 8.3
 236 26.1 20.7 31.1





#29

Terphenyl-d14

Concen: 1.602 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

PB104506TB

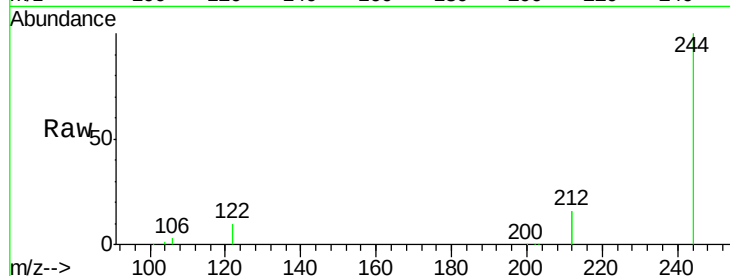
Tgt Ion:244 Resp: 1123871

Ion Ratio Lower Upper

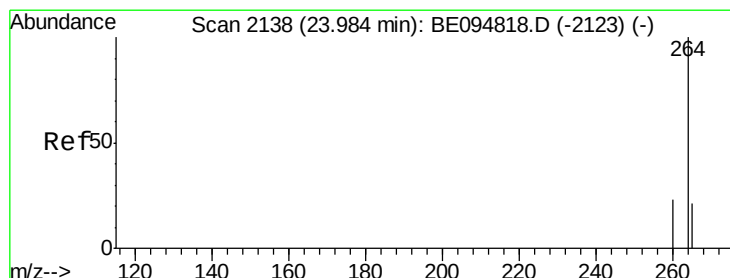
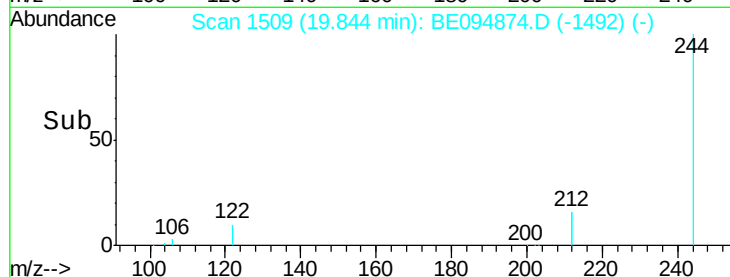
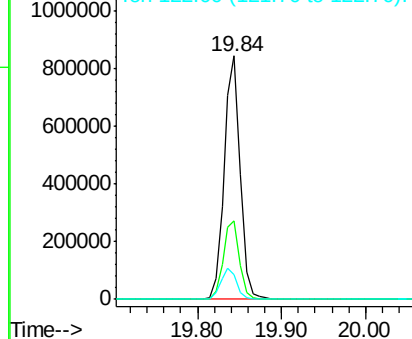
244 100

212 32.1 25.4 38.0

122 10.0 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

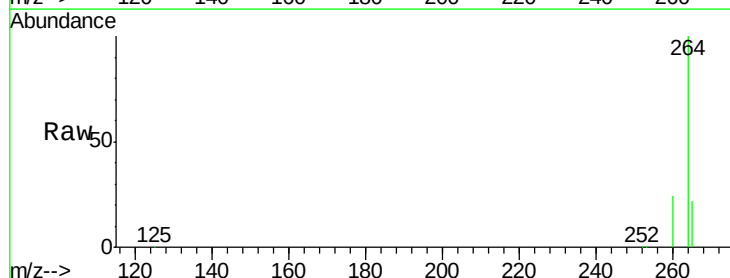
Tgt Ion:264 Resp: 365187

Ion Ratio Lower Upper

264 100

260 24.3 20.5 30.7

265 21.6 22.8 34.2#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

