

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
 Data File : BE094821.D
 Acq On : 15 Nov 2017 19:00
 Operator : SJ/JU
 Sample : PB104239BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:53:15 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

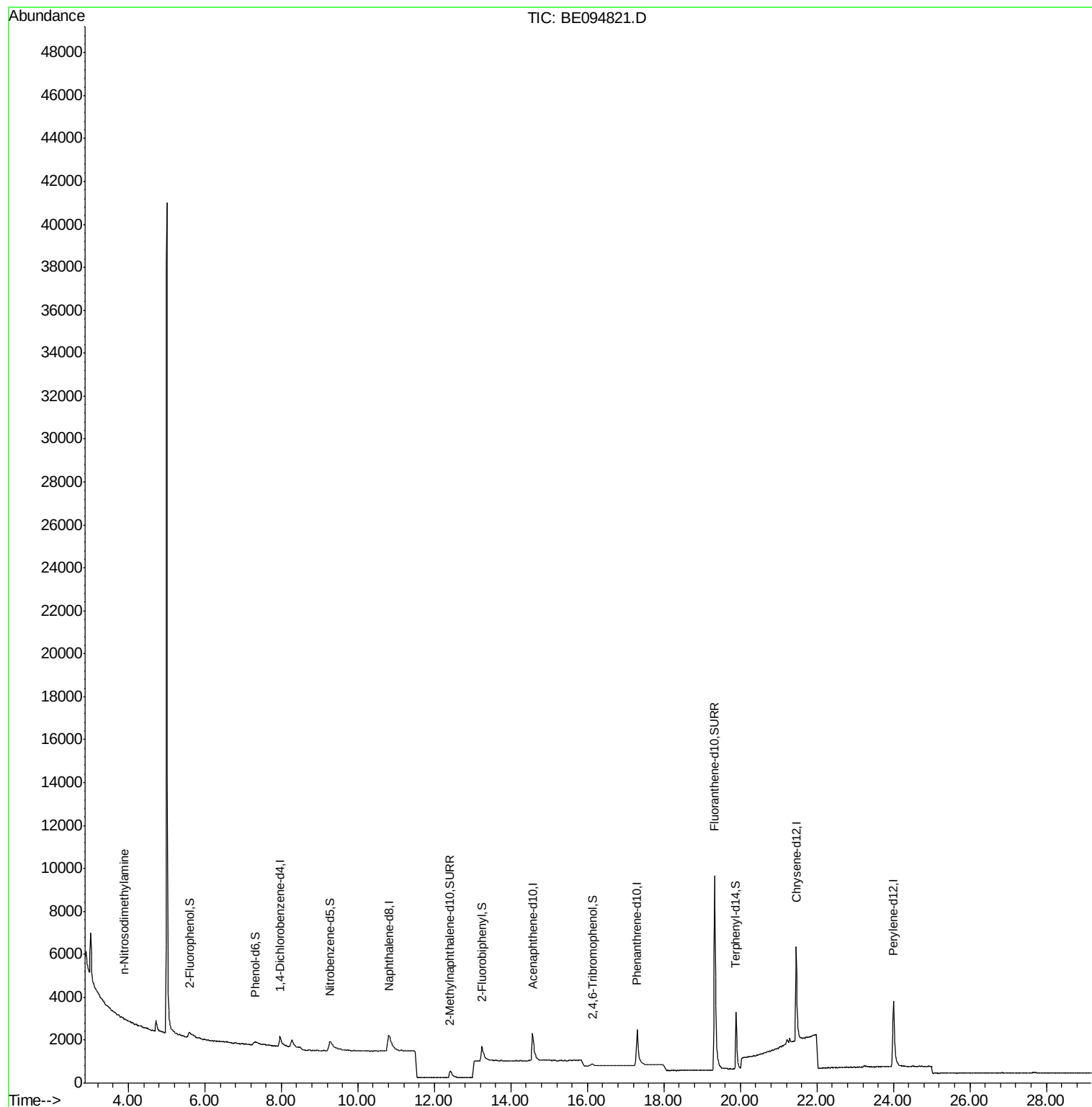
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	580	0.40	ng	0.05
7) Naphthalene-d8	10.81	136	2934	0.40	ng	0.10
13) Acenaphthene-d10	14.57	164	1966	0.40	ng	0.06
19) Phenanthrene-d10	17.30	188	5237	0.40	ng	0.07
27) Chrysene-d12	21.46	240	7840	0.40	ng	0.03
34) Perylene-d12	24.00	264	7271	0.40	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	514	0.26	ng	0.08
5) Phenol-d6	7.31	99	715	0.24	ng	0.18
8) Nitrobenzene-d5	9.26	82	388	0.17	ng	0.18
11) 2-Methylnaphthalene-d10	12.41	152	1485	0.32	ng	0.12
14) 2,4,6-Tribromophenol	16.13	330	166	0.31	ng	0.10
15) 2-Fluorobiphenyl	13.24	172	1874	0.27	ng	0.09
25) Fluoranthene-d10	19.33	212	24172	0.37	ng	0.04
29) Terphenyl-d14	19.89	244	4183	0.28	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.90	42	23	0.02	ng	# 9
23) Phenanthrene	17.50	178	47	Below Cal		# 61
26) Fluoranthene	19.42	202	3	Below Cal		# 1

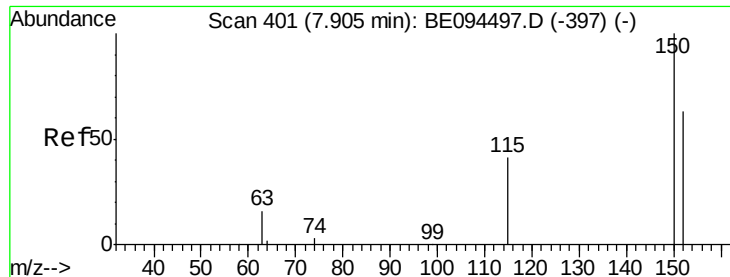
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.96 min Scan# 405

Delta R.T. 0.05 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

Instrument :

BNA_E

ClientSampleId :

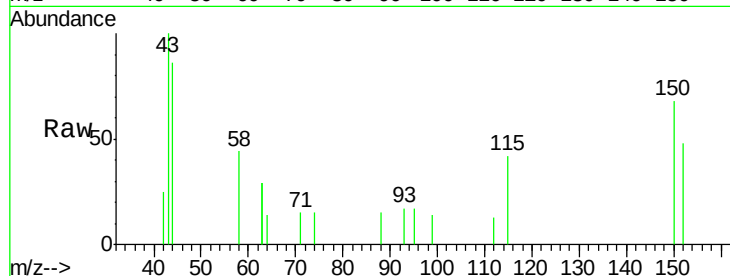
Tot Ion:152 Resp: 580

Ion Ratio Lower Upper

152 100

150 140.4 117.2 175.8

115 88.2 57.0 85.6#

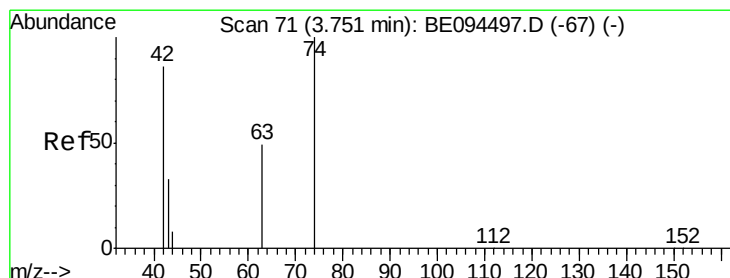
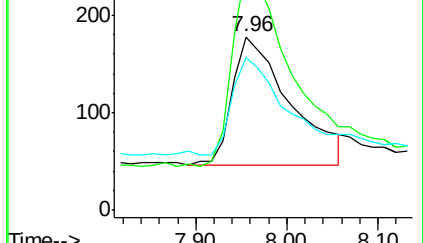
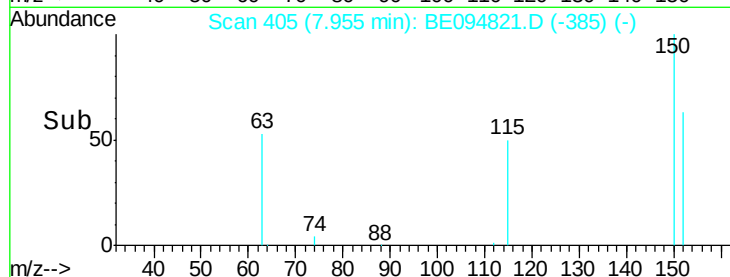


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.90 min Scan# 83

Delta R.T. 0.15 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

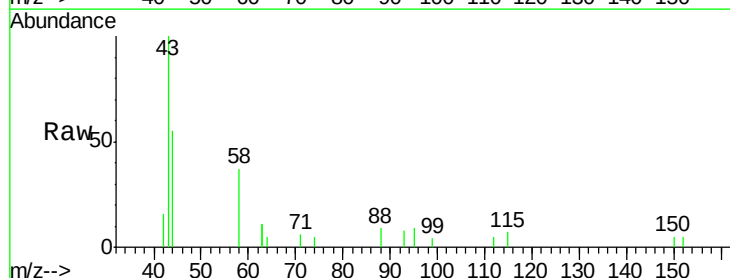
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

74 13.0 100.3 150.5#

44 0.0 17.0 25.4#

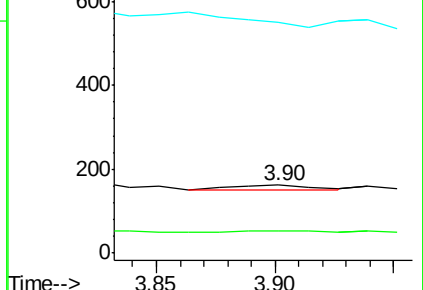
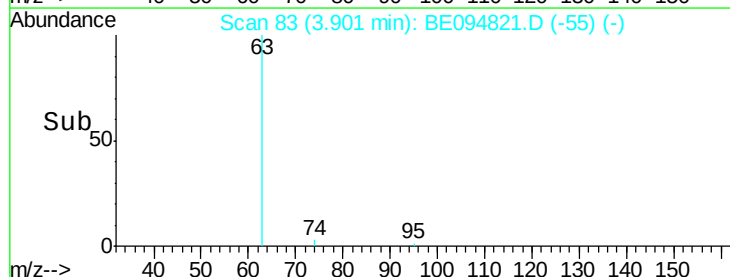


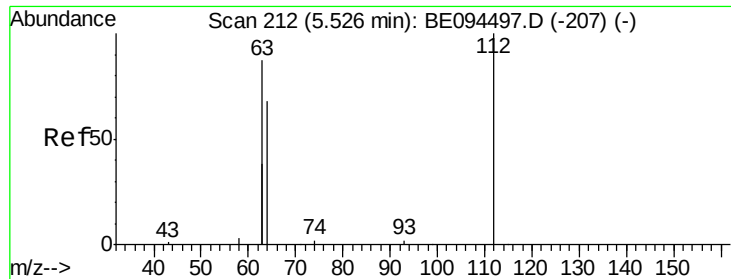
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.26 ng

RT: 5.60 min Scan# 218

Delta R.T. 0.08 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

Instrument :

BNA_E

ClientSampleId :

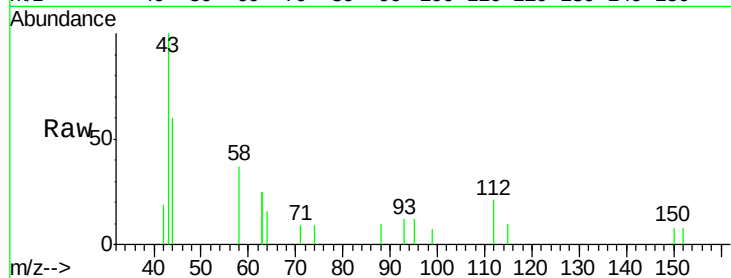
Tot Ion: 112 Resp: 514

Ion Ratio Lower Upper

112 100

64 67.1 60.1 90.1

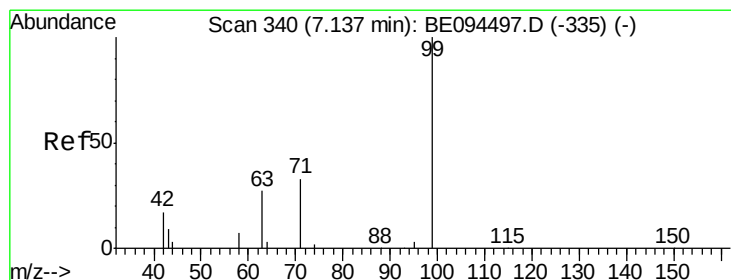
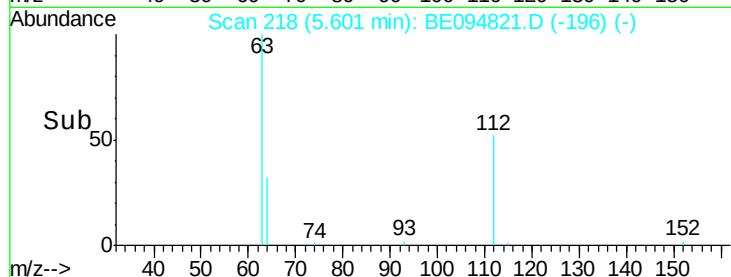
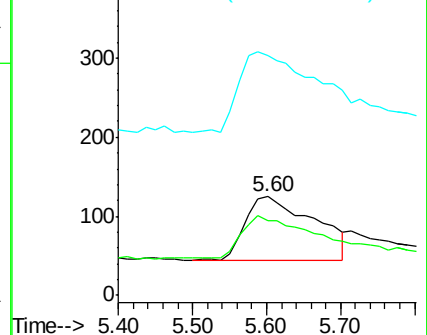
63 147.9 116.8 175.2



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: 0.24 ng

RT: 7.31 min Scan# 354

Delta R.T. 0.18 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

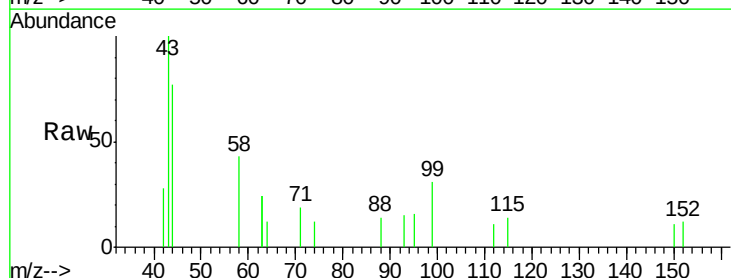
Tgt Ion: 99 Resp: 715

Ion Ratio Lower Upper

99 100

42 16.8 20.2 30.2#

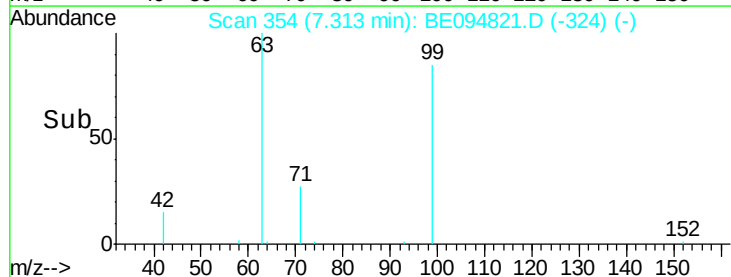
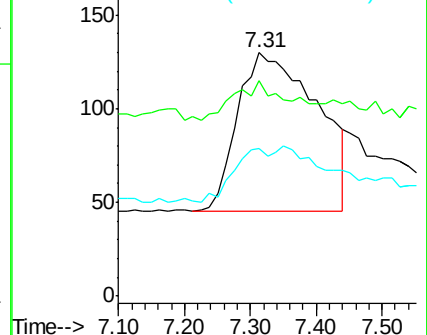
71 15.4 28.4 42.6#

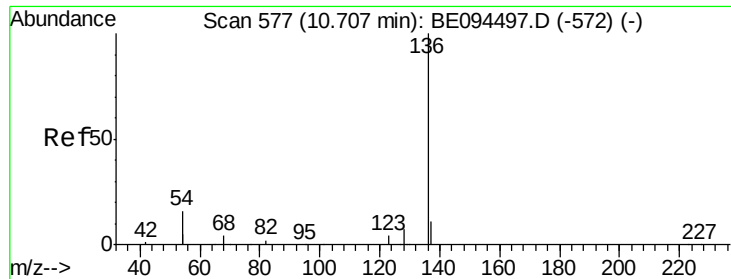


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.81 min Scan# 583

Delta R.T. 0.10 min

Lab File: BE094821.D

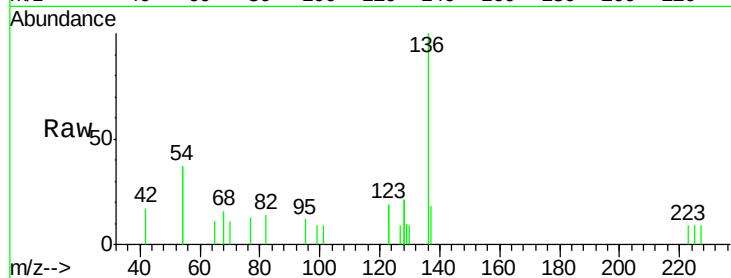
Acq: 15 Nov 2017 19:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	2934
Ion	Ratio	Lower	Upper
136	100		
137	18.4	9.5	14.3#
54	73.7	29.1	43.7#
68	16.3	6.2	9.2#

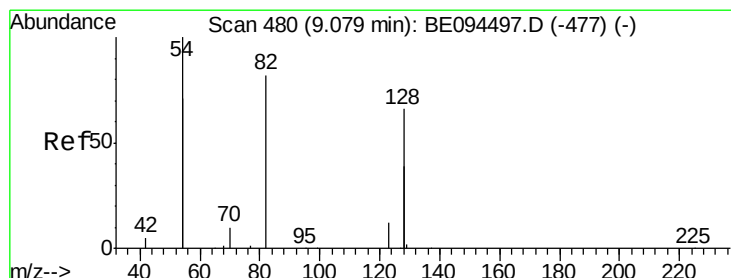
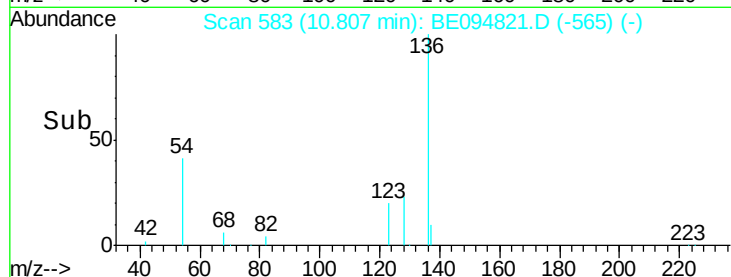
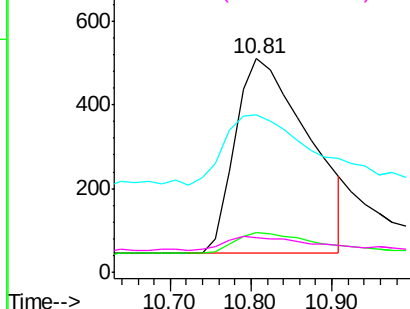


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.17 ng

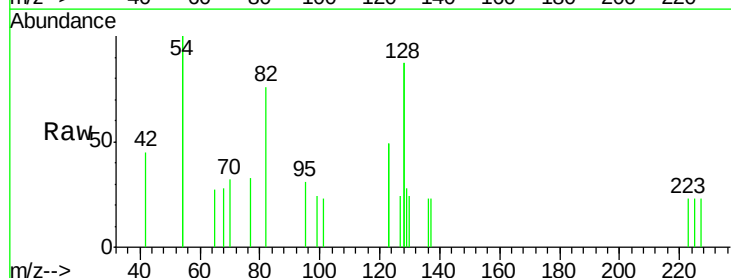
RT: 9.26 min Scan# 491

Delta R.T. 0.18 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

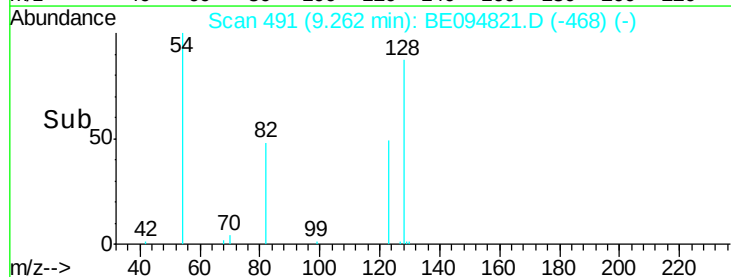
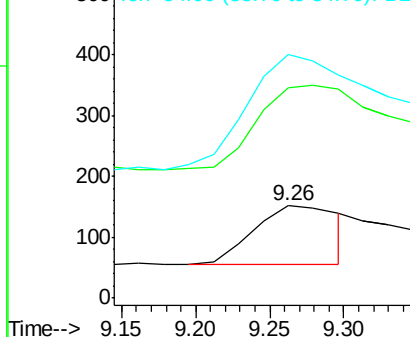
Tgt Ion:	82	Resp:	388
Ion	Ratio	Lower	Upper
82	100		
128	227.6	150.0	225.0#
54	263.2	154.2	231.4#

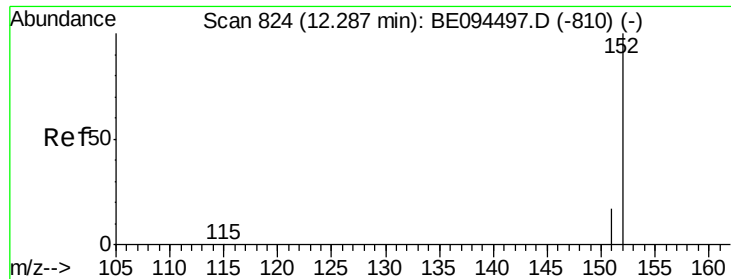


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

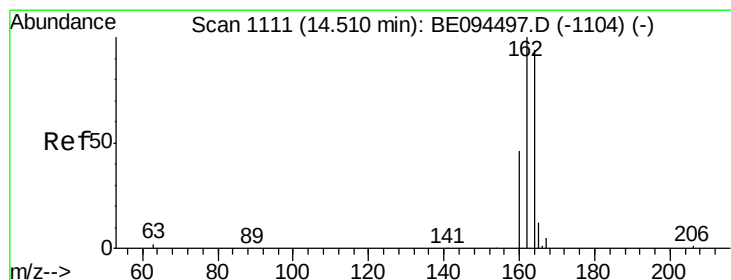
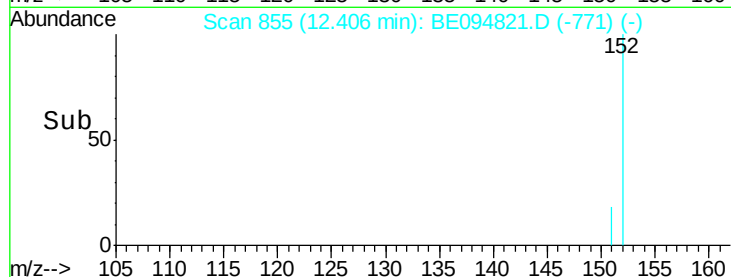
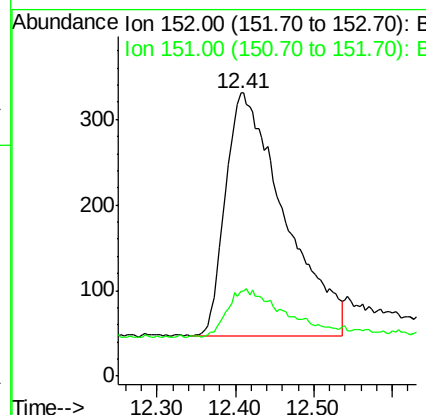
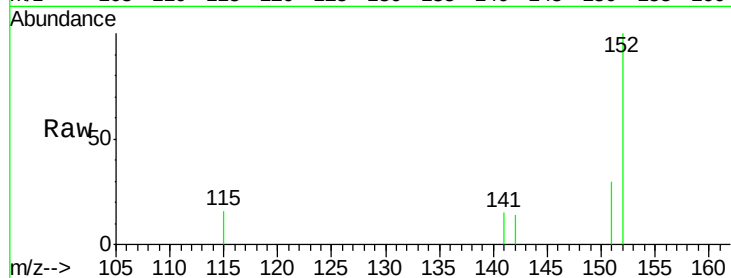




#11
 2-Methylnaphthalene-d10
 Concen: 0.32 ng
 RT: 12.41 min Scan# 855
 Delta R.T. 0.12 min
 Lab File: BE094821.D
 Acq: 15 Nov 2017 19:00

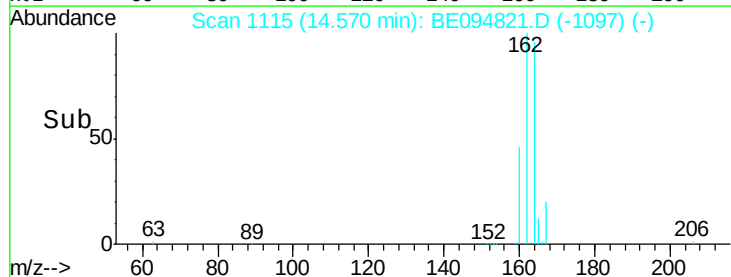
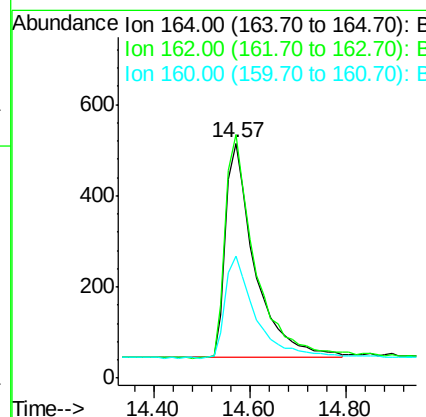
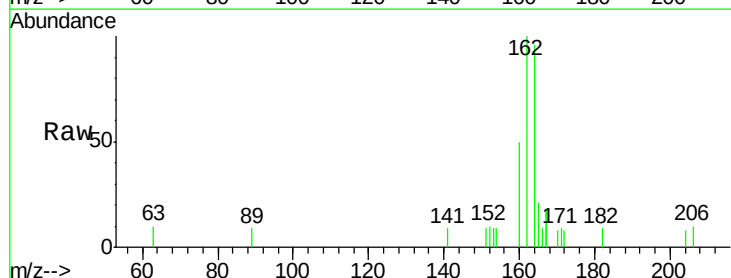
Instrument :
 BNA_E
 ClientSampleId :

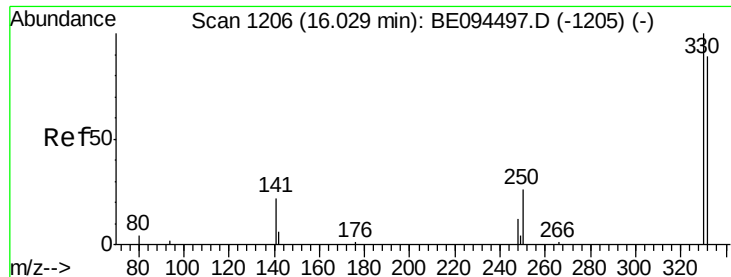
Tot Ion:152 Resp: 1485
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.57 min Scan# 1115
 Delta R.T. 0.06 min
 Lab File: BE094821.D
 Acq: 15 Nov 2017 19:00

Tgt Ion:164 Resp: 1966
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.1 124.7
 160 52.2 37.1 55.7

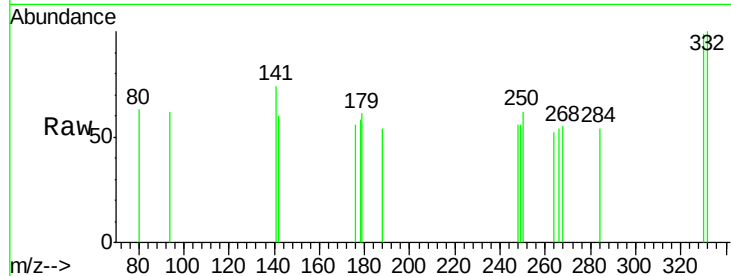




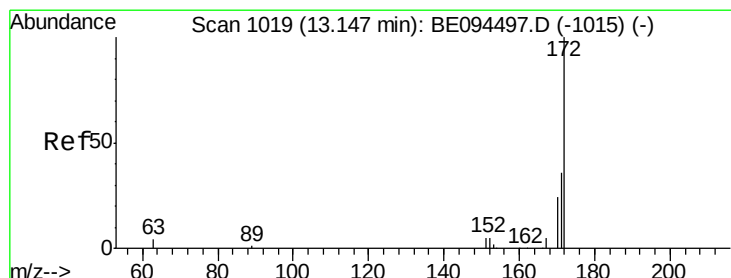
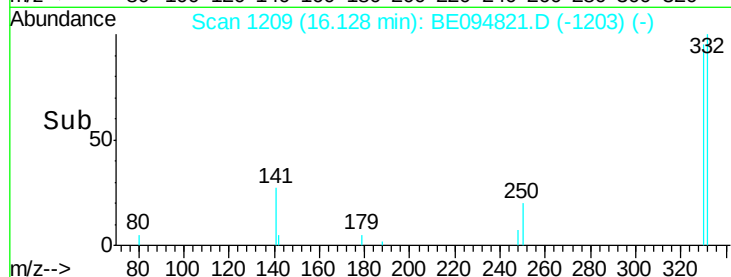
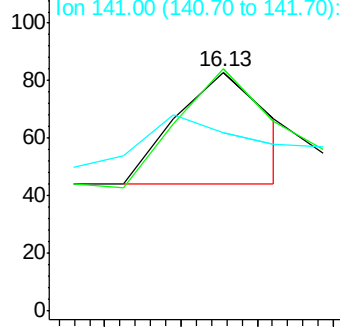
#14
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 16.13 min Scan# 1209
 Delta R.T. 0.10 min
 Lab File: BE094821.D
 Acq: 15 Nov 2017 19:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 166
 Ion Ratio Lower Upper
 330 100
 332 101.2 152.7 229.1#
 141 0.0 33.7 50.5#

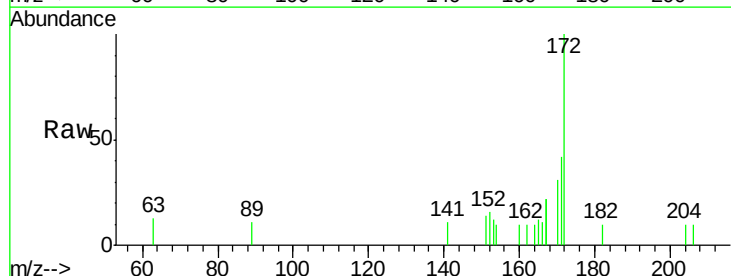


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

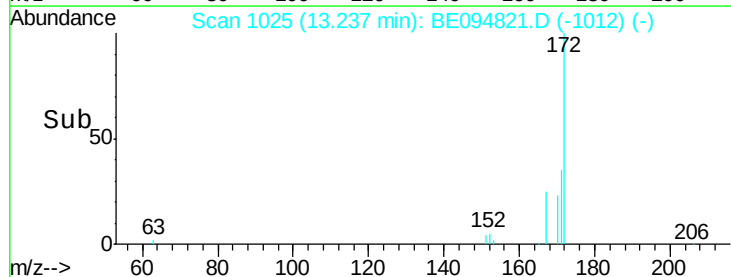
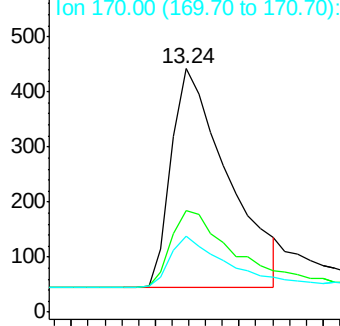


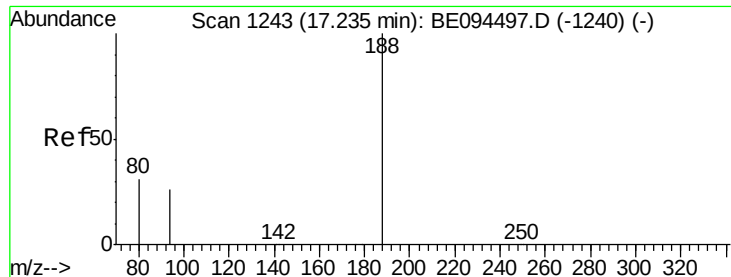
#15
 2-Fluorobiphenyl
 Concen: 0.27 ng
 RT: 13.24 min Scan# 1025
 Delta R.T. 0.09 min
 Lab File: BE094821.D
 Acq: 15 Nov 2017 19:00

Tgt Ion:172 Resp: 1874
 Ion Ratio Lower Upper
 172 100
 171 41.9 29.9 44.9
 170 31.0 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: 0.40 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.07 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

Instrument :

BNA_E

ClientSampleId :

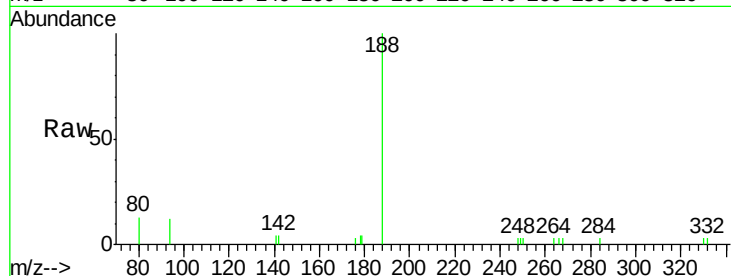
Tot Ion:188 Resp: 5237

Ion Ratio Lower Upper

188 100

94 12.2 3.9 5.9#

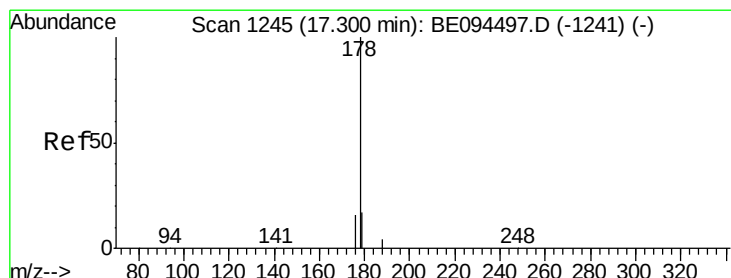
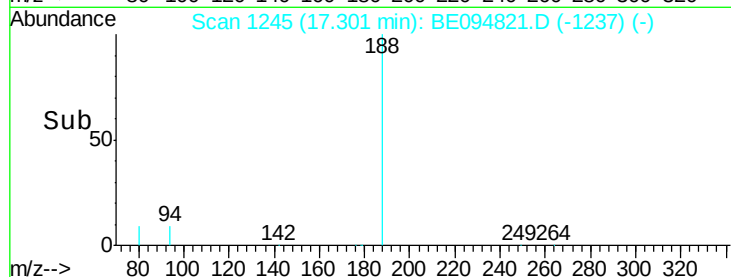
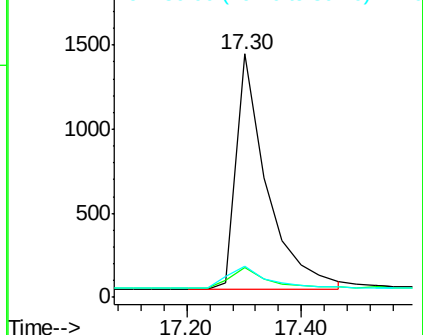
80 12.7 3.6 5.4#



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: 17.50 min Scan# 1251

Delta R.T. 0.20 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

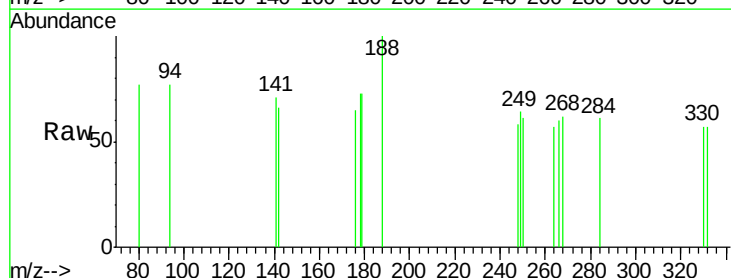
Tgt Ion:178 Resp: 47

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

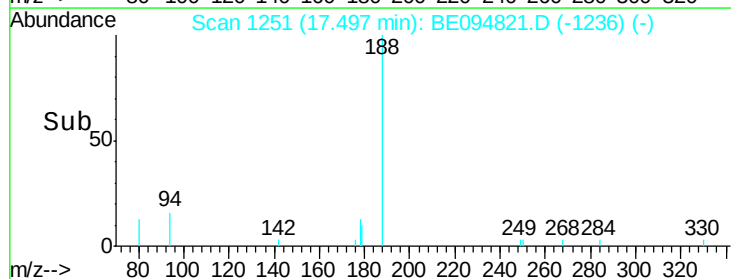
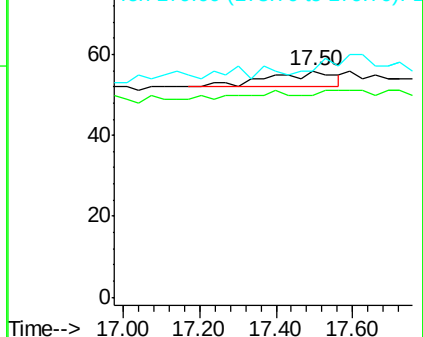
179 0.0 11.8 17.6#

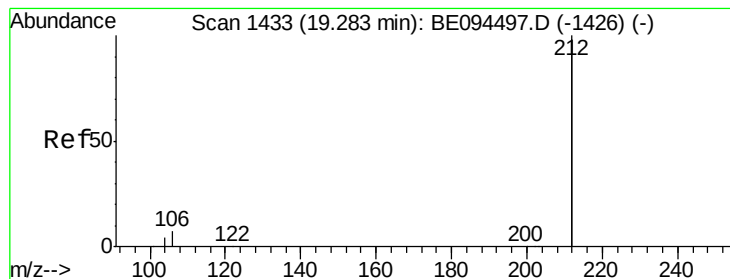


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.37 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.04 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

Instrument :

BNA_E

ClientSampleId :

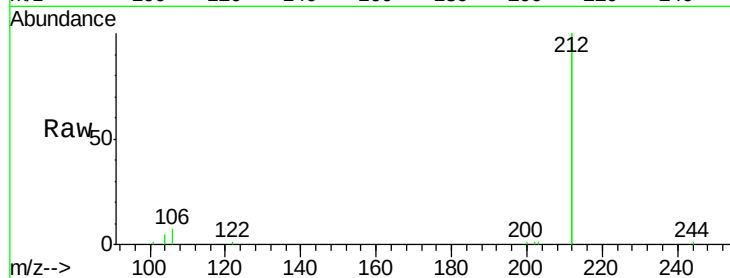
Tot Ion:212 Resp: 24172

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

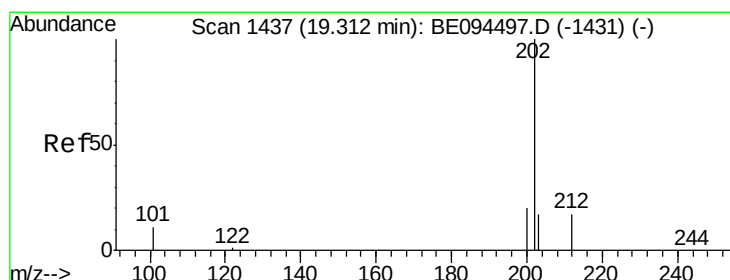
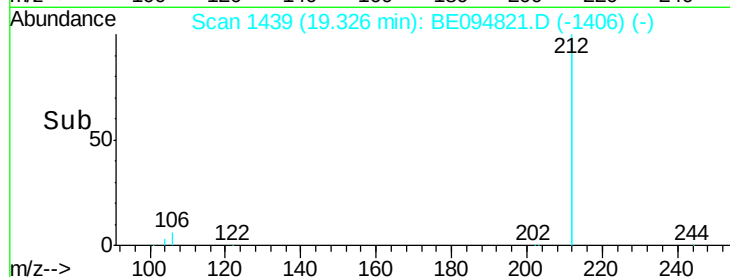
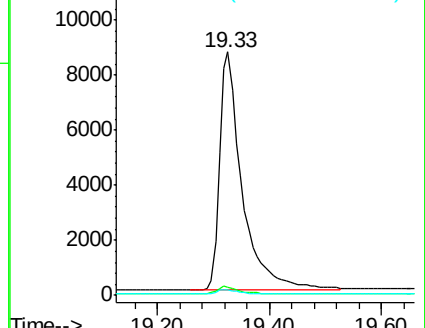
104 1.8 1.6 2.4



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: 19.42 min Scan# 1451

Delta R.T. 0.10 min

Lab File: BE094821.D

Acq: 15 Nov 2017 19:00

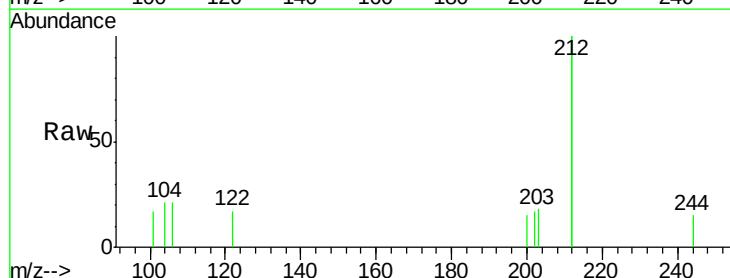
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

101 166.7 9.8 14.8#

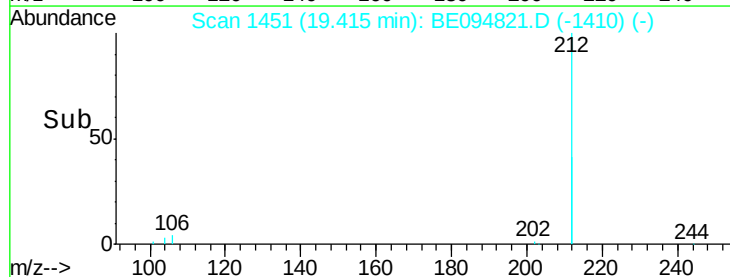
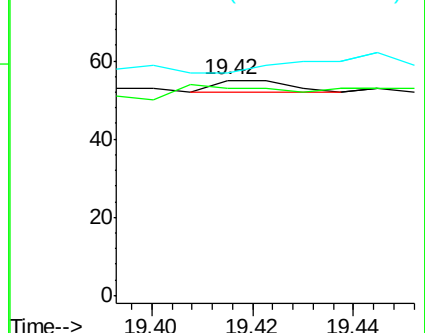
203 0.0 13.7 20.5#

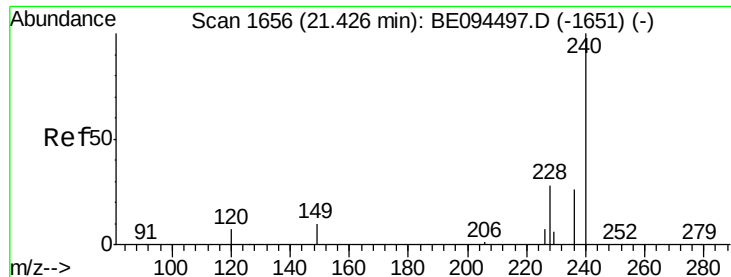


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

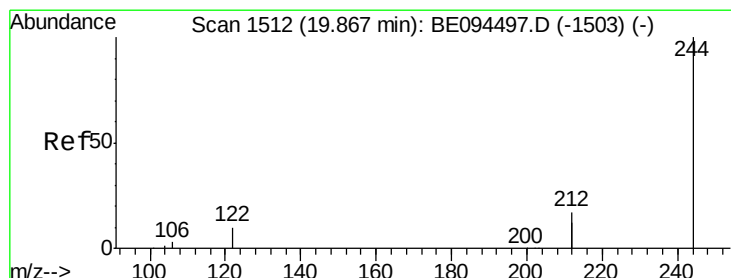
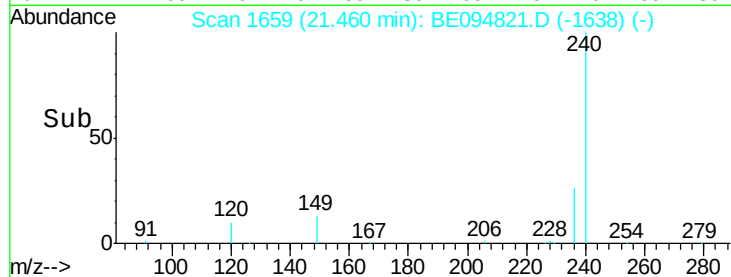
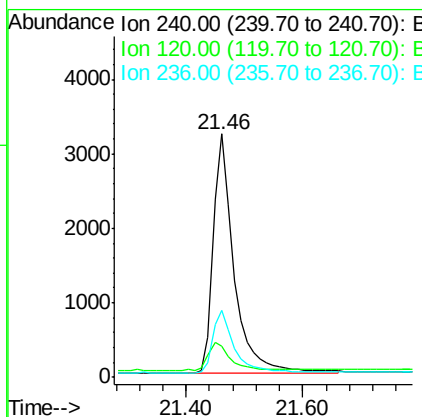
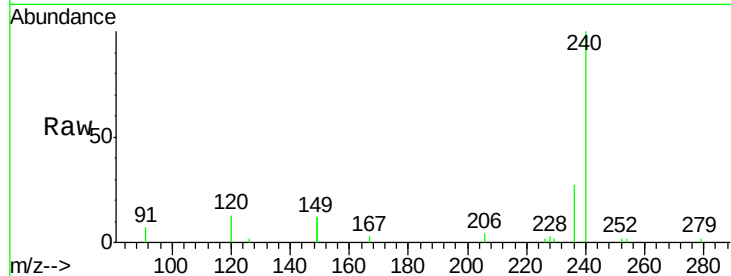




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.03 min
Lab File: BE094821.D
Acq: 15 Nov 2017 19:00

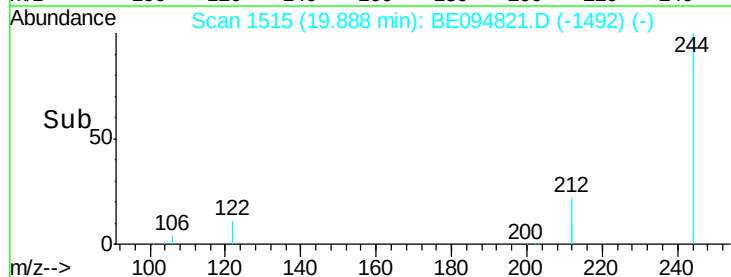
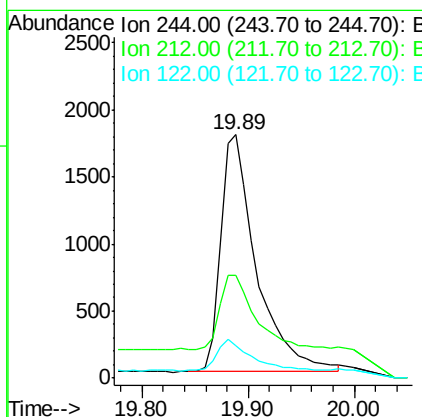
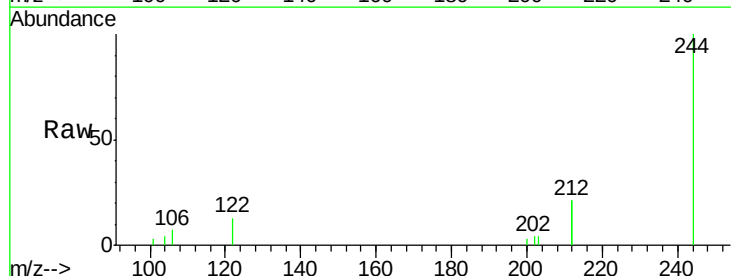
Instrument :
BNA_E
ClientSampleId :

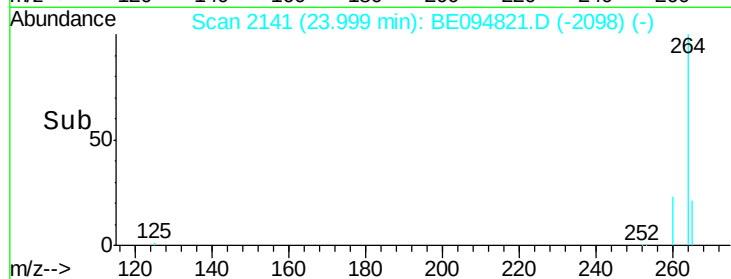
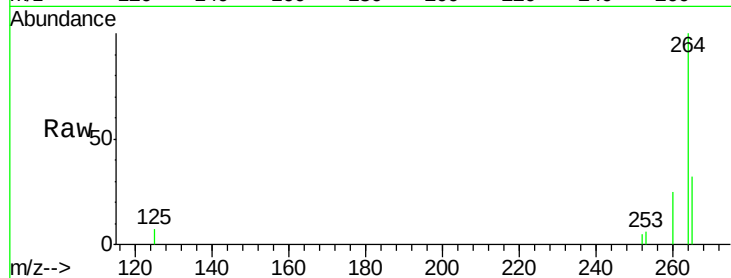
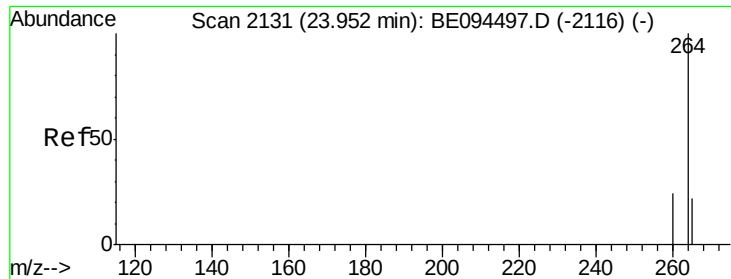
Tot Ion:240 Resp: 7840
Ion Ratio Lower Upper
240 100
120 12.9 5.5 8.3#
236 27.3 20.7 31.1



#29
Terphenyl-d14
Concen: 0.28 ng
RT: 19.89 min Scan# 1515
Delta R.T. 0.02 min
Lab File: BE094821.D
Acq: 15 Nov 2017 19:00

Tgt Ion:244 Resp: 4183
Ion Ratio Lower Upper
244 100
212 42.2 25.4 38.0#
122 13.3 8.1 12.1#





#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 24.00 min Scan# 2141
 Delta R.T. 0.05 min
 Lab File: BE094821.D
 Acq: 15 Nov 2017 19:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	31.9	22.8	34.2

