

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
 Data File : BE094866.D
 Acq On : 27 Nov 2017 11:14
 Operator : SJ/JU
 Sample : I6336-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 27 12:09:47 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

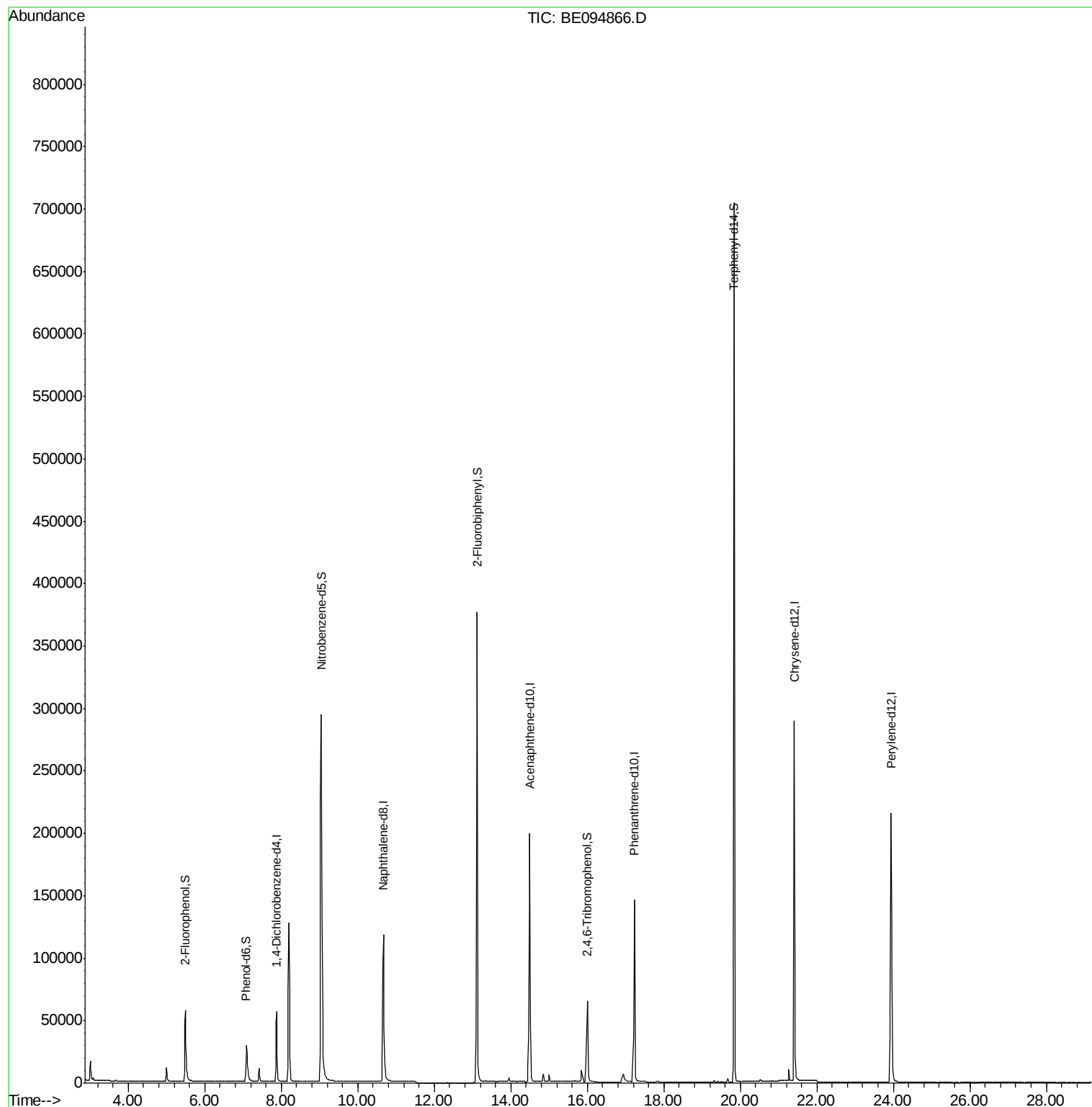
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	31047	0.40	ng	-0.02
7) Naphthalene-d8	10.67	136	195922	0.40	ng	-0.03
13) Acenaphthene-d10	14.50	164	132054	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	306758	0.40	ng	0.00
27) Chrysene-d12	21.42	240	368450	0.40	ng	0.00
34) Perylene-d12	23.94	264	362153	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.49	112	45376	0.43	ng	-0.04
5) Phenol-d6	7.09	99	48164	0.30	ng	-0.05
8) Nitrobenzene-d5	9.04	82	166524	1.06	ng	-0.03
11) 2-Methylnaphthalene-d10	12.22	152	5	0.00	ng	-0.07
14) 2,4,6-Tribromophenol	16.00	330	62148	1.71	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	418758	0.90	ng	-0.03
25) Fluoranthene-d10	19.28	212	38	-1.00	ng	0.00
29) Terphenyl-d14	19.84	244	647557	0.93	ng	-0.03
Target Compounds						
23) Phenanthrene	17.27	178	816	Below Cal	Qvalue #	84
26) Fluoranthene	19.31	202	1244	Below Cal		99

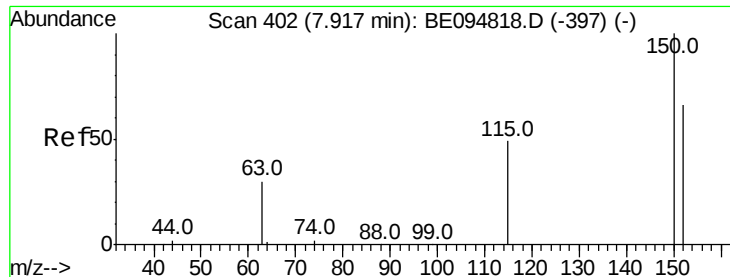
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.02 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

Instrument :

BNA_E

ClientSampled :

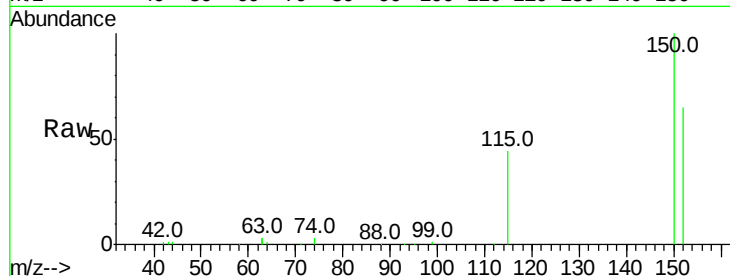
Tot Ion:152 Resp: 31047

Ion Ratio Lower Upper

152 100

150 152.7 117.2 175.8

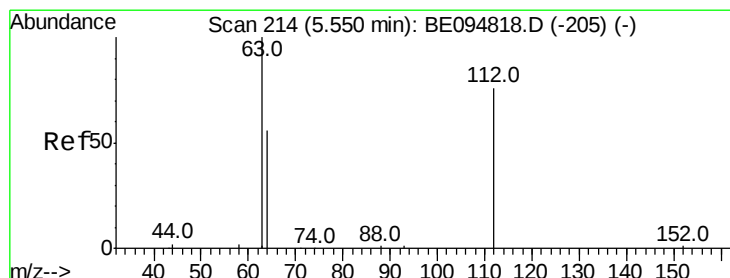
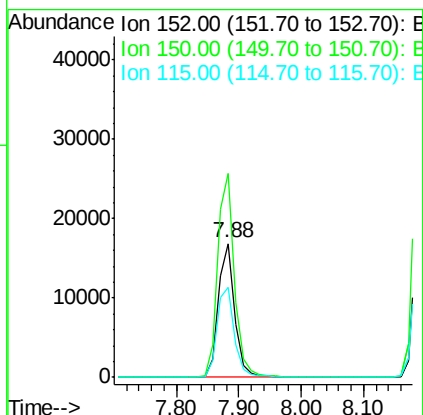
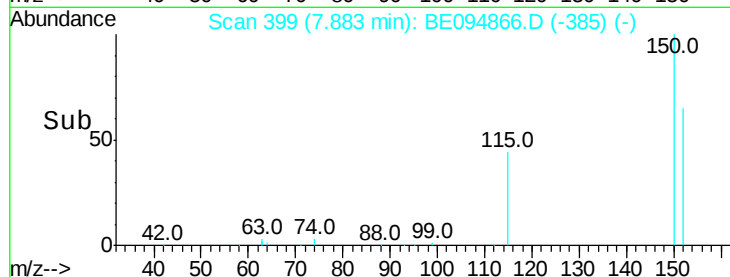
115 67.7 57.0 85.6



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: 0.427 ng

RT: 5.49 min Scan# 209

Delta R.T. -0.04 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

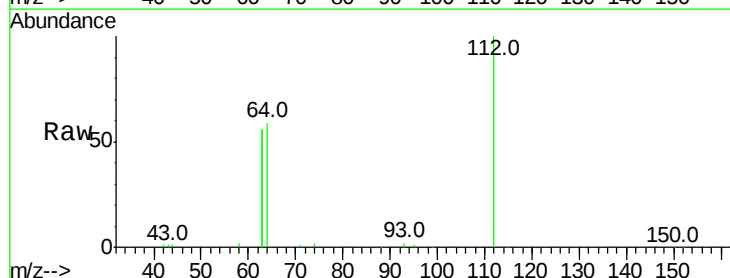
Tgt Ion:112 Resp: 45376

Ion Ratio Lower Upper

112 100

64 67.2 60.1 90.1

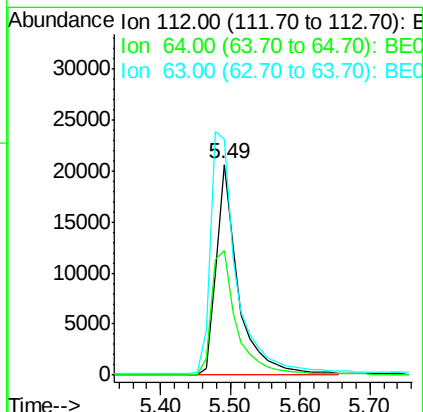
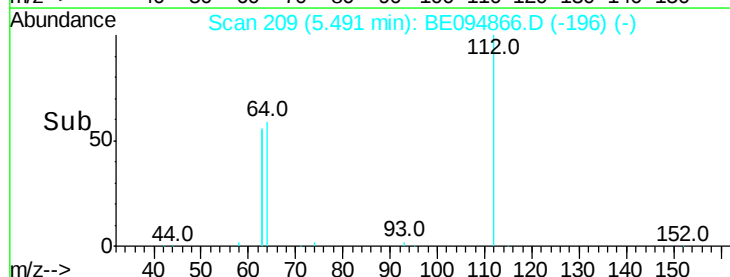
63 132.6 116.8 175.2

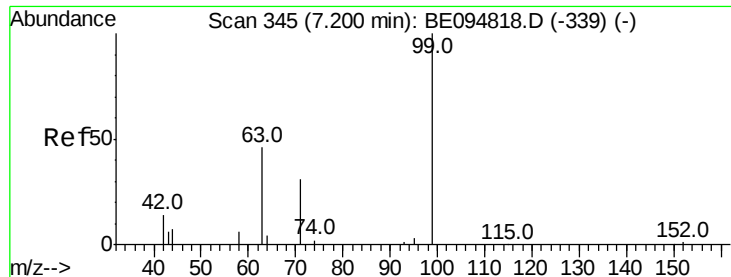


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.300 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.05 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

Instrument :

BNA_E

ClientSampled :

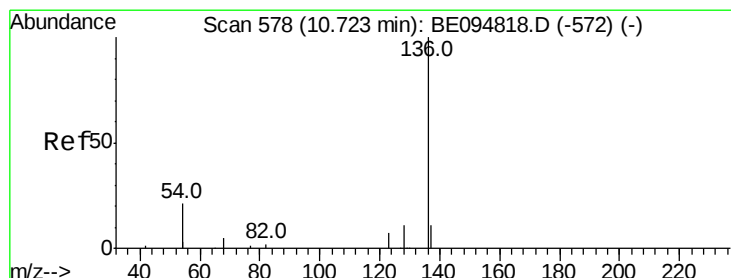
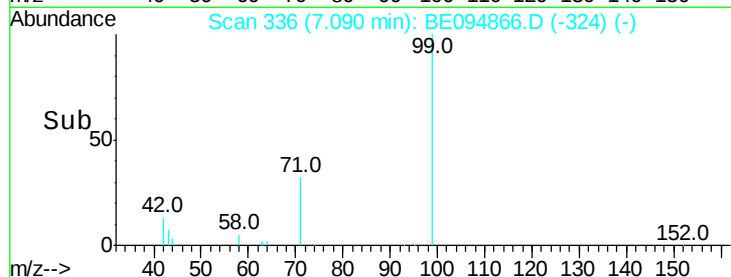
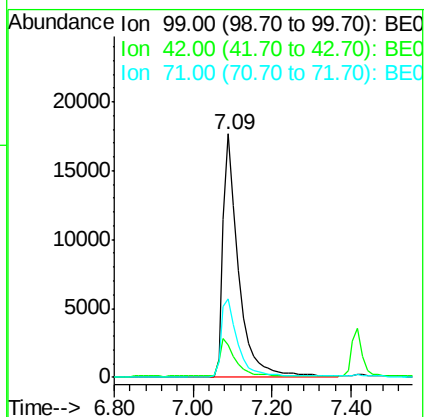
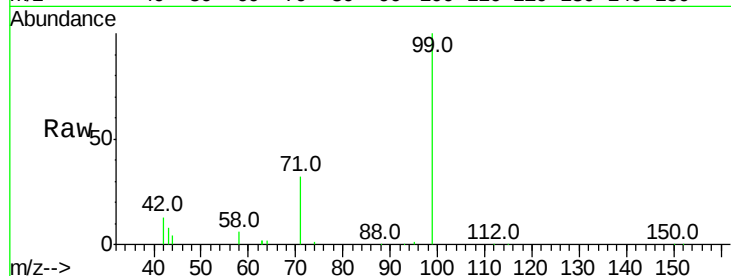
Tot Ion: 99 Resp: 48164

Ion Ratio Lower Upper

99 100

42 16.0 20.2 30.2#

71 34.4 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: BE094866.D

Acq: 27 Nov 2017 11:14

Tgt Ion: 136 Resp: 195922

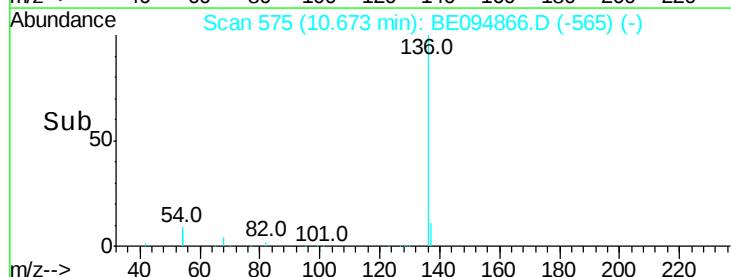
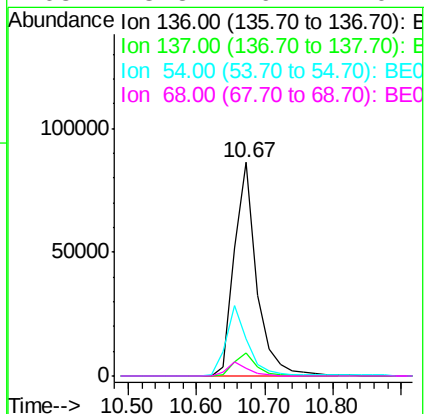
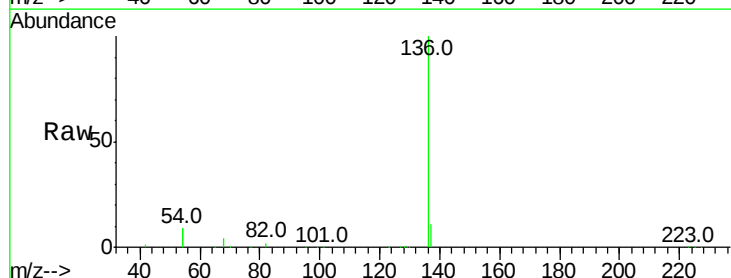
Ion Ratio Lower Upper

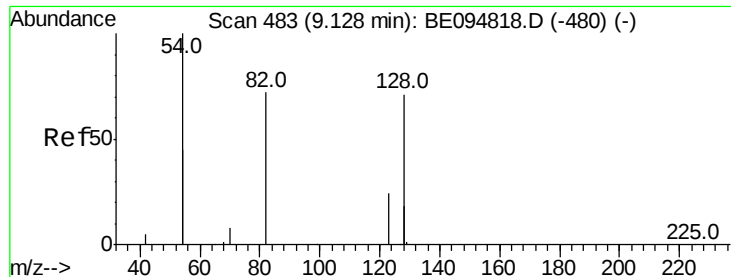
136 100

137 11.1 9.5 14.3

54 17.3 29.1 43.7#

68 3.8 6.2 9.2#

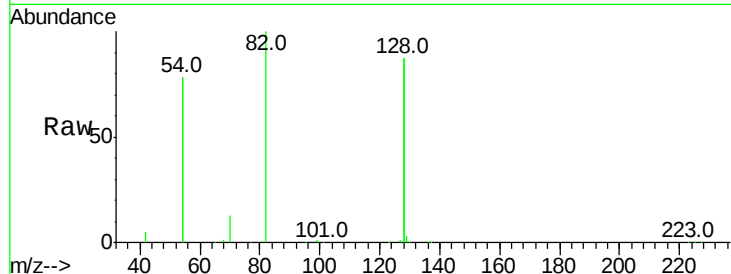




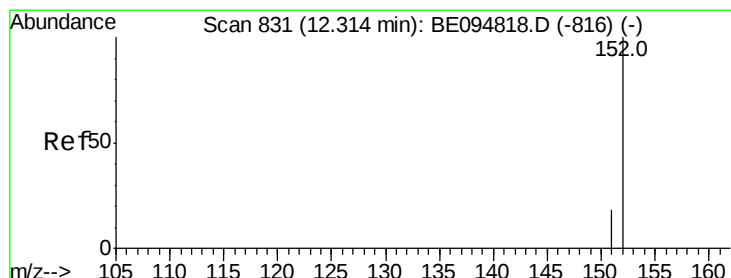
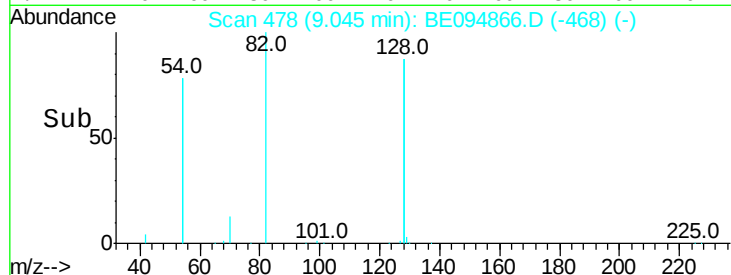
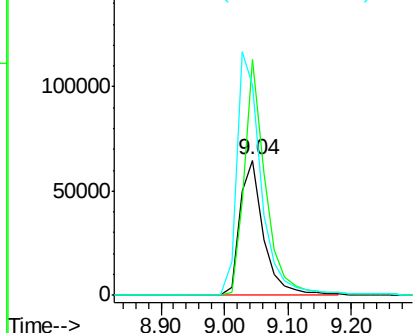
#8
Nitrobenzene-d5
Concen: 1.065 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.03 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 82 Resp: 166524
Ion Ratio Lower Upper
82 100
128 174.6 150.0 225.0
54 155.8 154.2 231.4

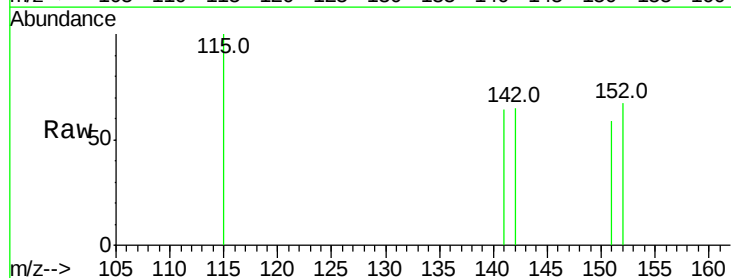


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

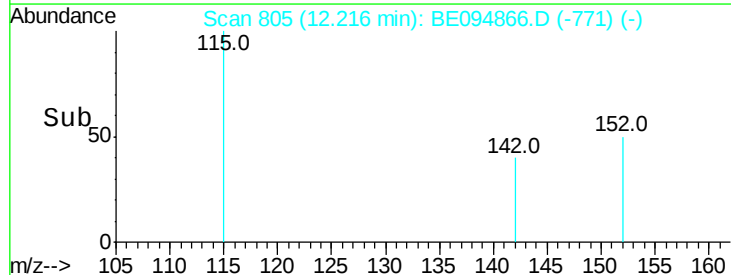
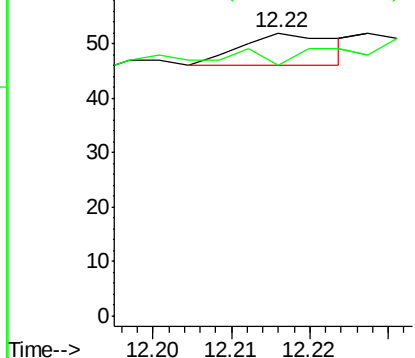


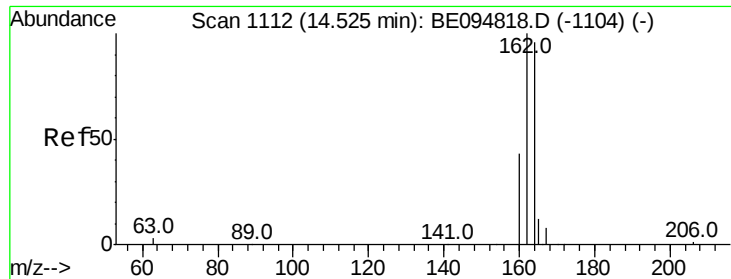
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.22 min Scan# 805
Delta R.T. -0.07 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

Tgt Ion: 152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

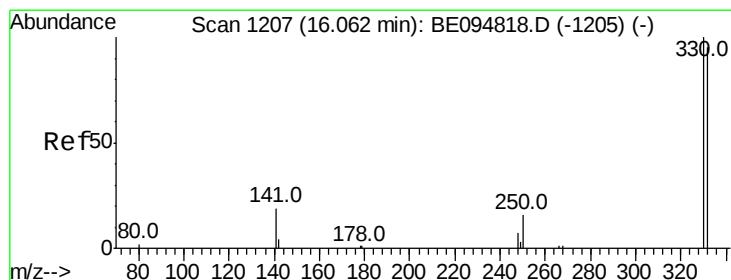
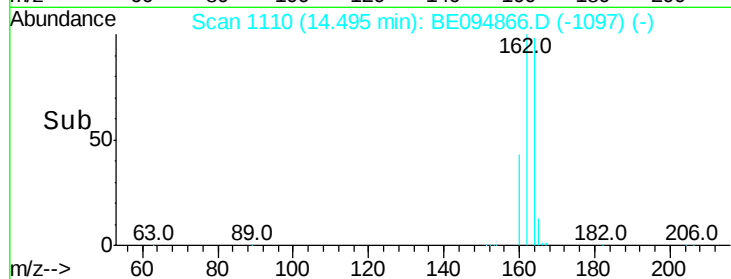
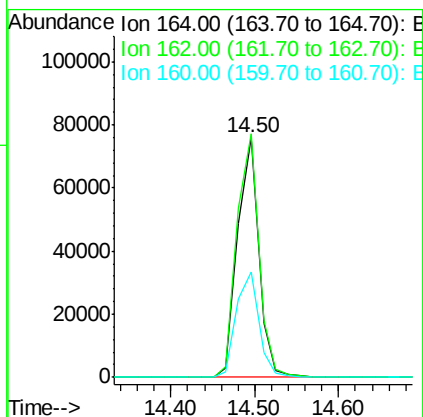
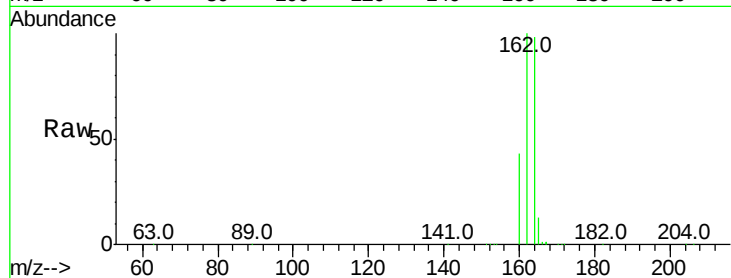




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BE094866.D
 Acq: 27 Nov 2017 11:14

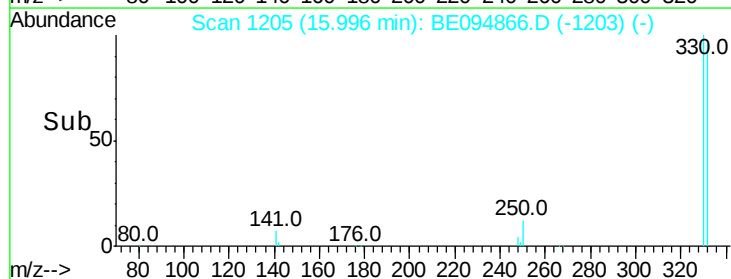
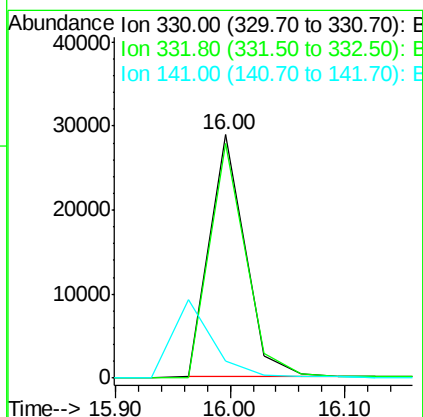
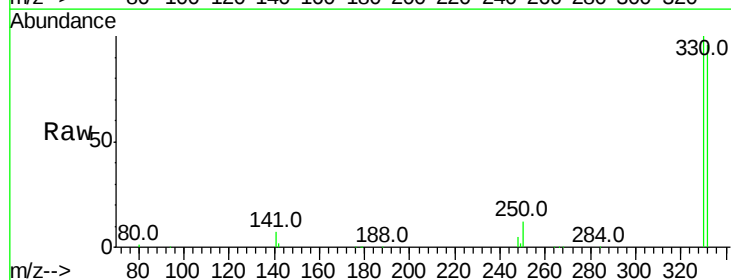
Instrument :
 BNA_E
 ClientSampleId :

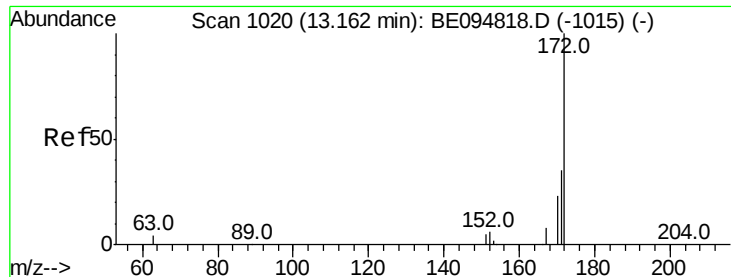
Tot Ion:164 Resp: 132054
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.1 124.7
 160 43.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 1.706 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094866.D
 Acq: 27 Nov 2017 11:14

Tgt Ion:330 Resp: 62148
 Ion Ratio Lower Upper
 330 100
 332 98.4 152.7 229.1#
 141 0.0 33.7 50.5#

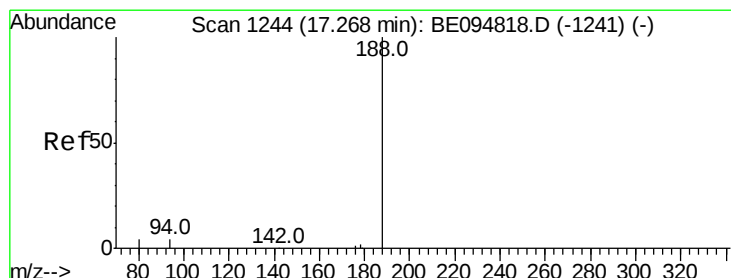
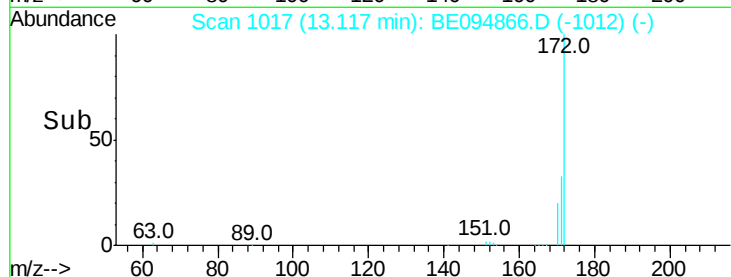
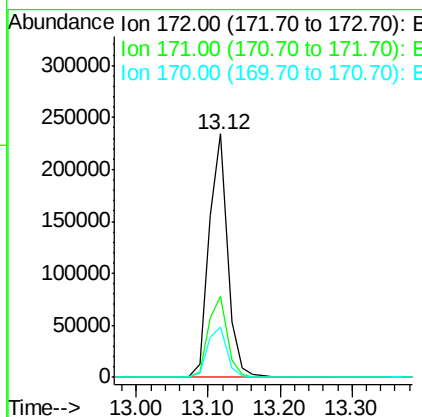
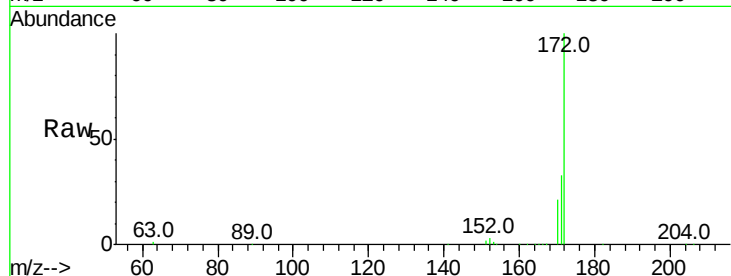




#15
2-Fluorobiphenyl
Concen: 0.900 ng
RT: 13.12 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

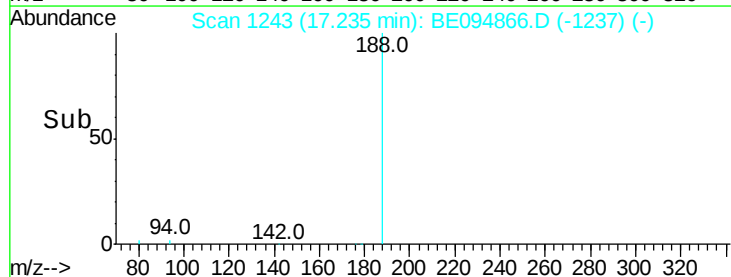
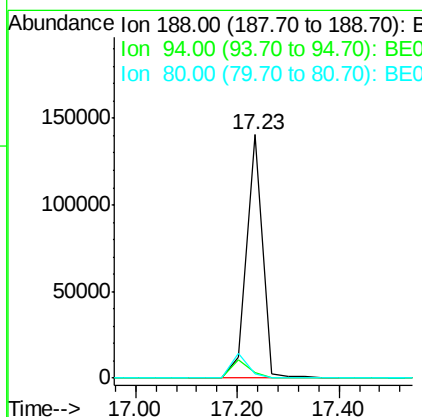
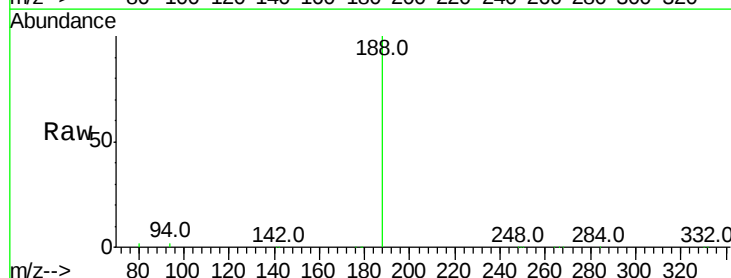
Instrument :
BNA_E
ClientSampleId :

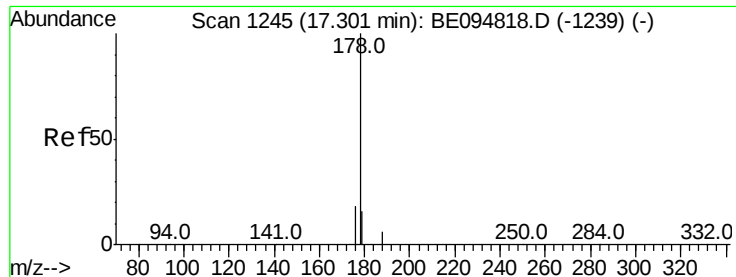
Tot Ion:172 Resp: 418758
Ion Ratio Lower Upper
172 100
171 33.2 29.9 44.9
170 20.5 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

Tgt Ion:188 Resp: 306758
Ion Ratio Lower Upper
188 100
94 2.0 3.9 5.9#
80 1.7 3.6 5.4#

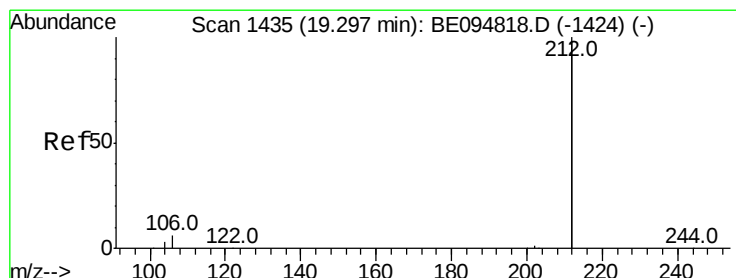
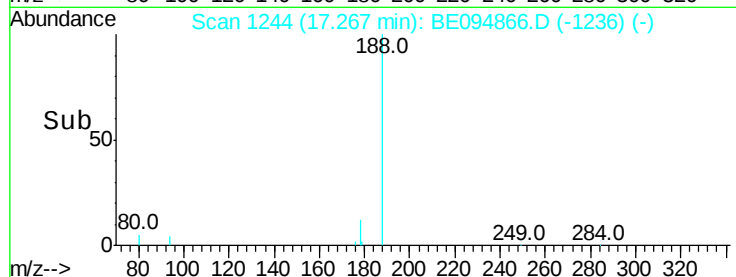
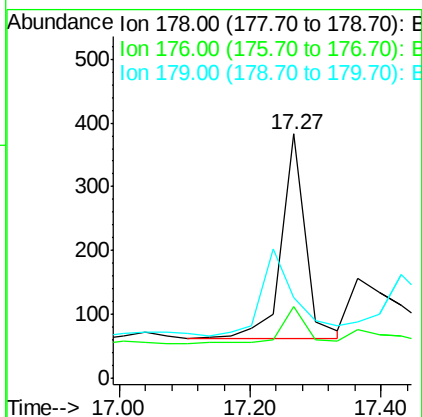
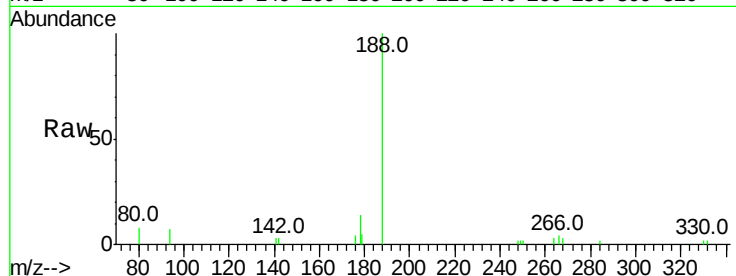




#23
Phenanthrene
Concen: Below Cal
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

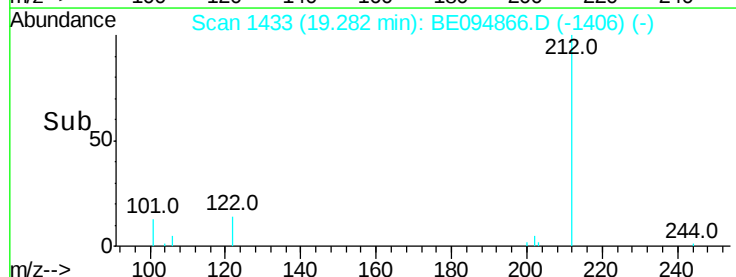
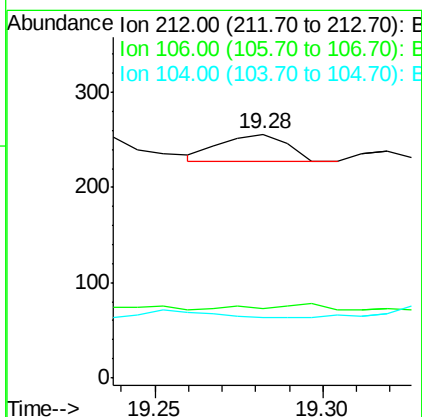
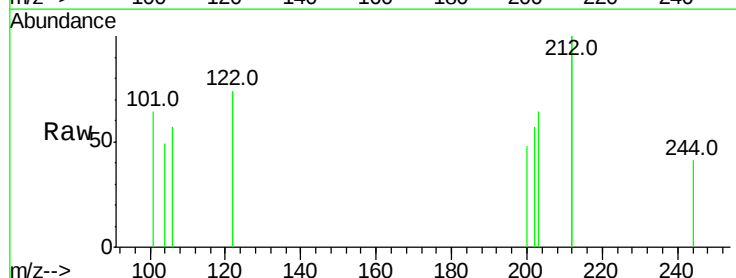
Instrument :
BNA_E
ClientSampleId :

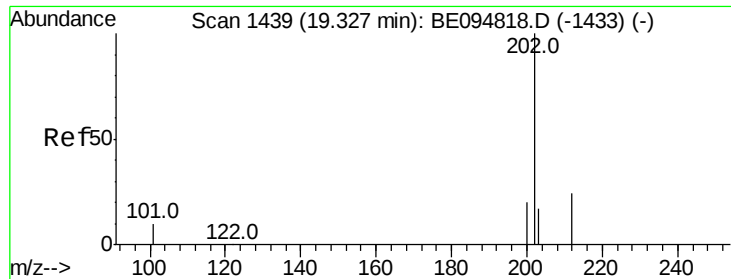
Tot Ion:178 Resp: 816
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 0.0 11.8 17.6#



#25
Fluoranthene-d10
Concen: -1.000 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094866.D
Acq: 27 Nov 2017 11:14

Tgt Ion:212 Resp: 38
Ion Ratio Lower Upper
212 100
106 23.7 2.8 4.2#
104 0.0 1.6 2.4#





#26

Fluoranthene

Concen: Below Cal

RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

Instrument :

BNA_E

ClientSampleId :

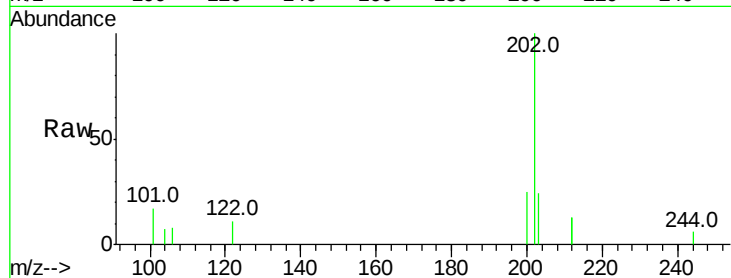
Tot Ion:202 Resp: 1244

Ion Ratio Lower Upper

202 100

101 12.4 9.8 14.8

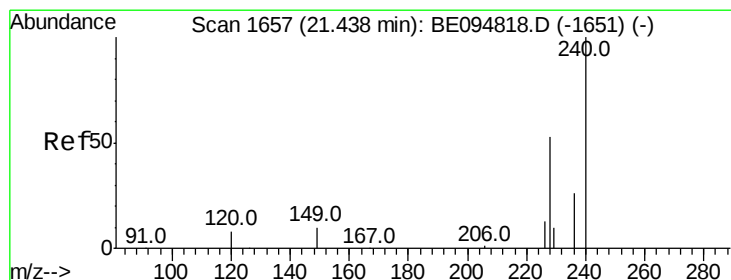
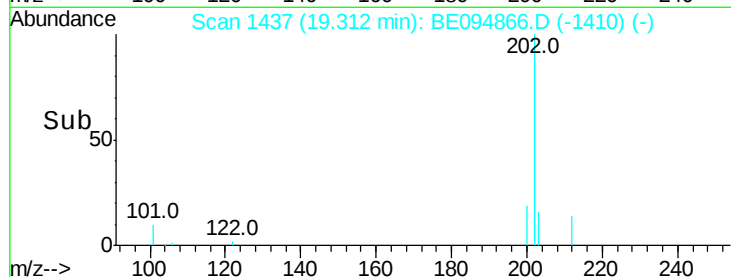
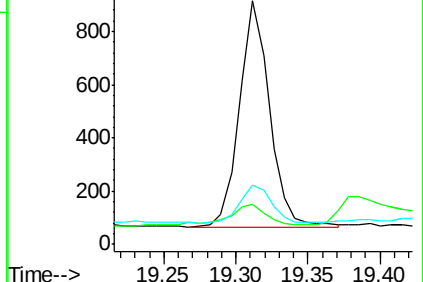
203 17.5 13.7 20.5



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

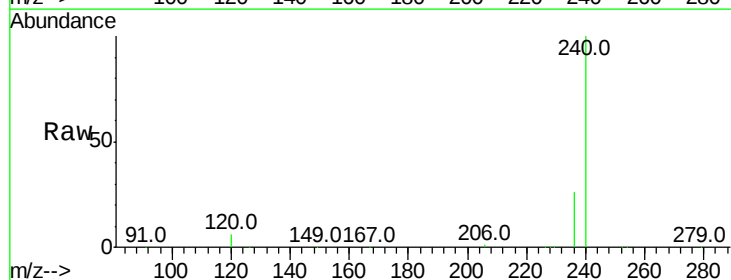
Tgt Ion:240 Resp: 368450

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

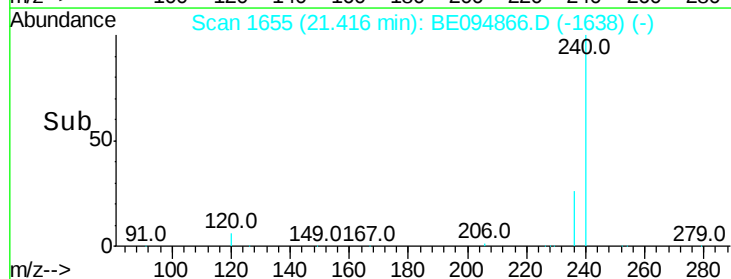
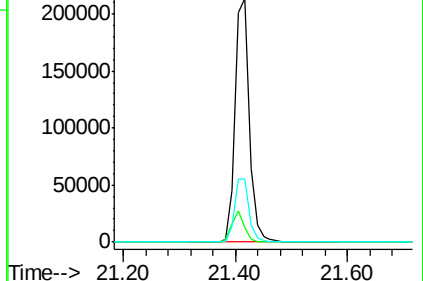
236 25.8 20.7 31.1

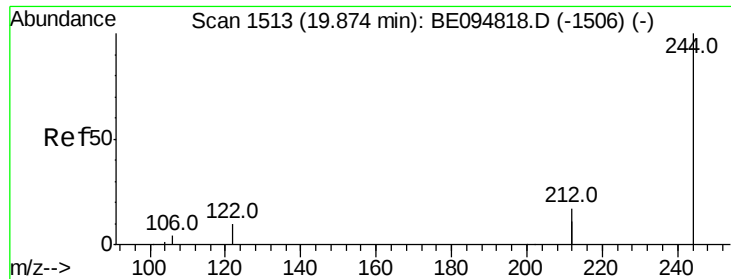


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.932 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.03 min

Lab File: BE094866.D

Acq: 27 Nov 2017 11:14

Instrument :

BNA_E

ClientSampleId :

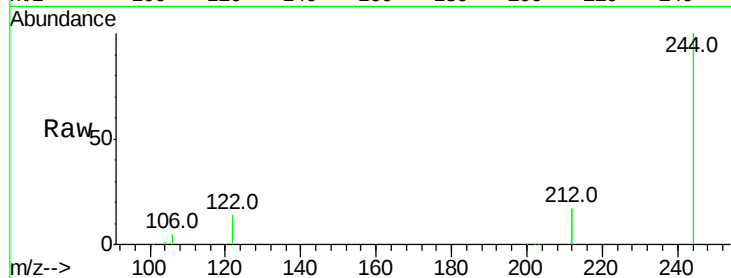
Tot Ion:244 Resp: 647557

Ion Ratio Lower Upper

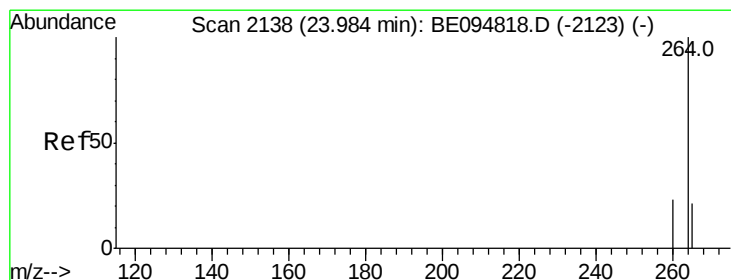
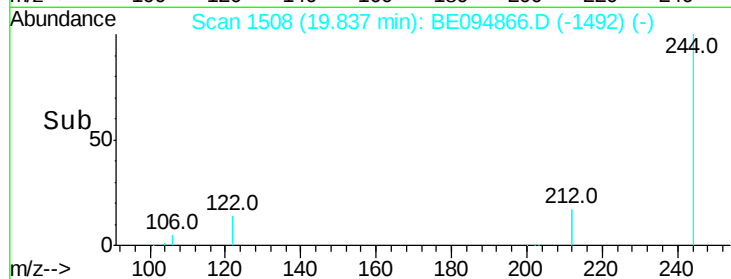
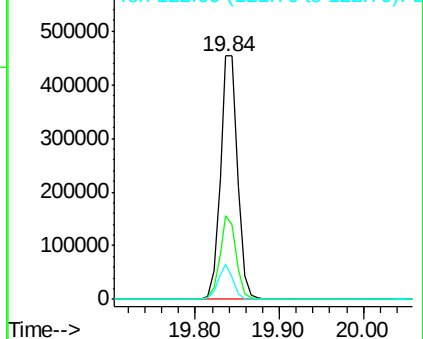
244 100

212 34.2 25.4 38.0

122 14.2 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: BE094866.D

Acq: 27 Nov 2017 11:14

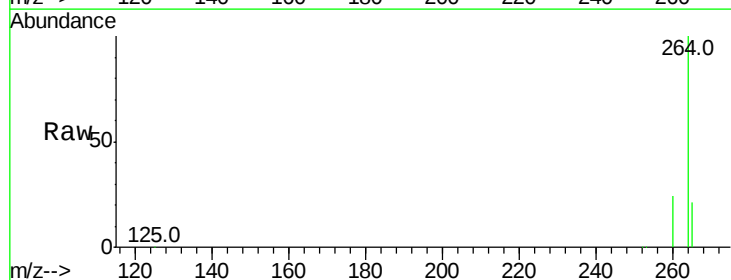
Tgt Ion:264 Resp: 362153

Ion Ratio Lower Upper

264 100

260 24.4 20.5 30.7

265 21.5 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

