

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094189.D
 Acq On : 6 Oct 2017 21:17
 Operator : SJ/JU
 Sample : I5571-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-D

Quant Time: Oct 07 01:50:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

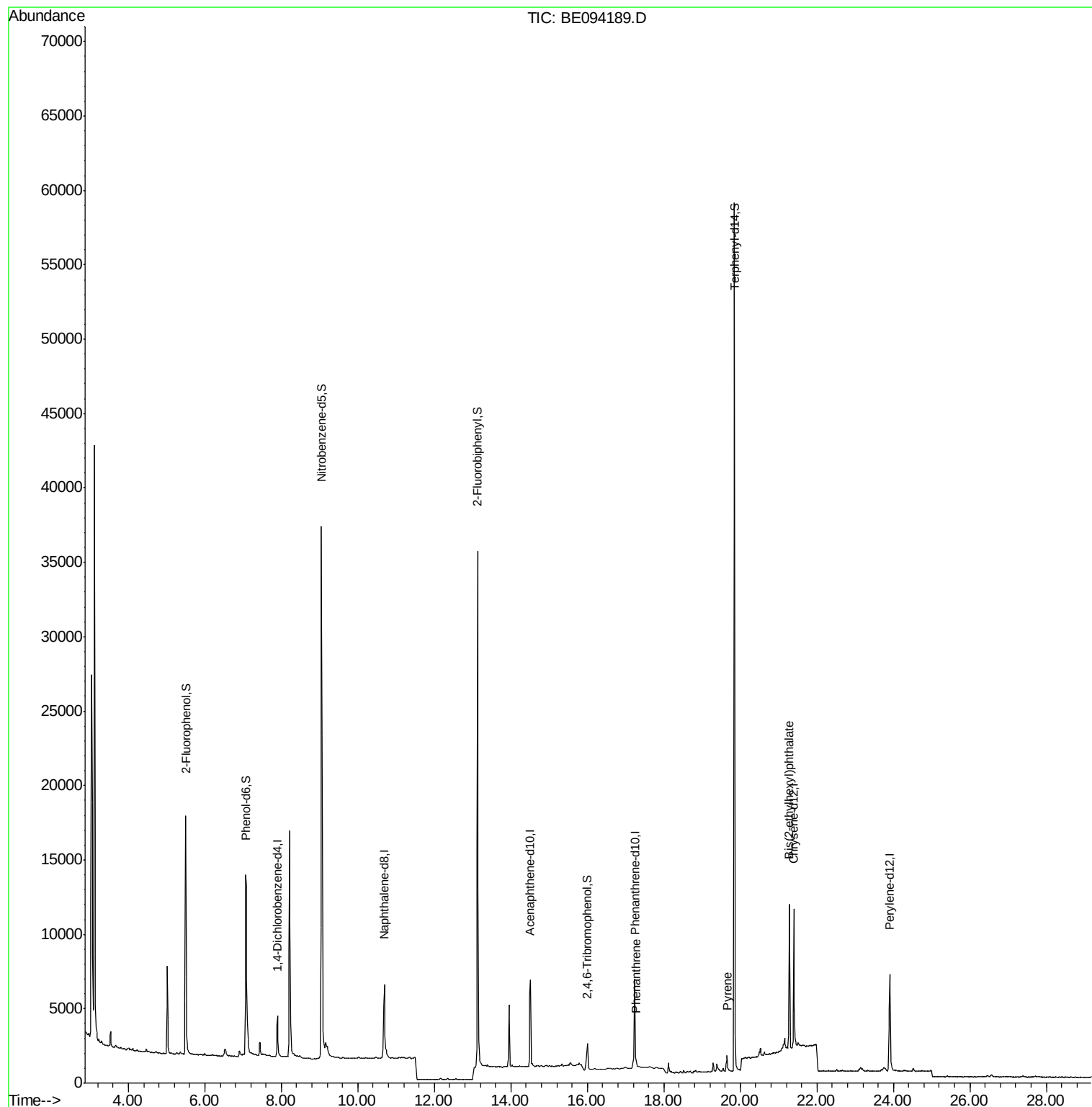
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1412	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6671	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4059	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11873	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11101	0.40	ng	0.00
34) Perylene-d12	23.90	264	10385	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	9986	2.12	ng	0.00
5) Phenol-d6	7.09	99	14759	2.16	ng	0.00
8) Nitrobenzene-d5	9.04	82	15909	2.86	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1647	0.93	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	33582	2.42	ng	0.00
25) Fluoranthene-d10	19.27	212	34	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	48164	2.30	ng	0.00
Target Compounds						
23) Phenanthrene	17.27	178	917	0.022	ng	# 84
28) Pyrene	19.65	202	1032	0.027	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	13247	0.158	ng	100

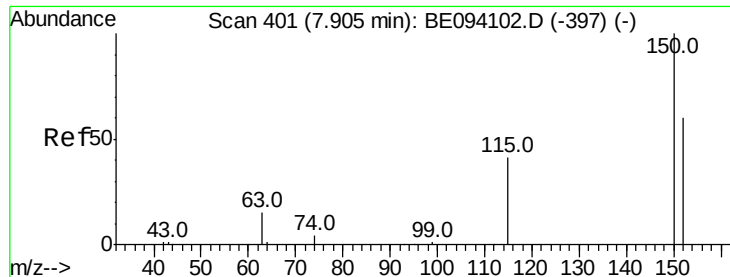
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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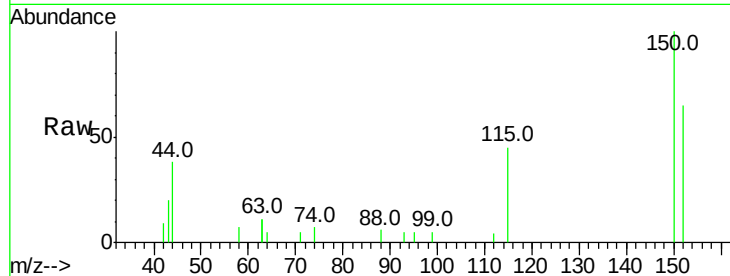


#1

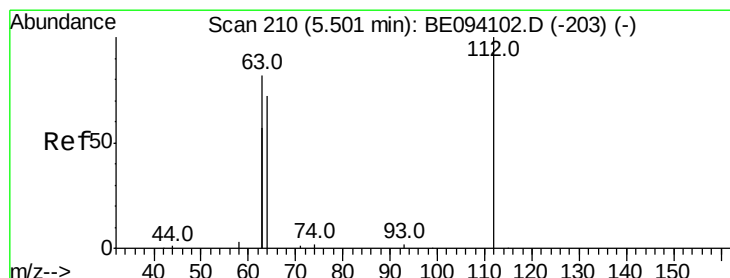
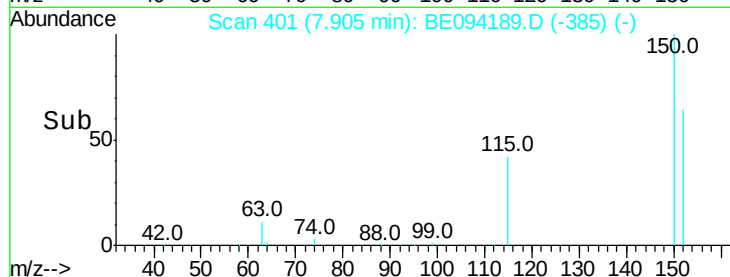
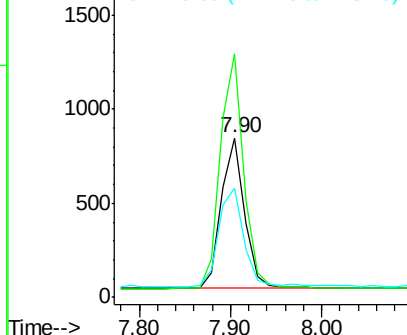
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094189.D
Acq: 6 Oct 2017 21:17

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion:152 Resp: 1412
Ion Ratio Lower Upper
152 100
150 152.7 117.2 175.8
115 68.9 57.0 85.6



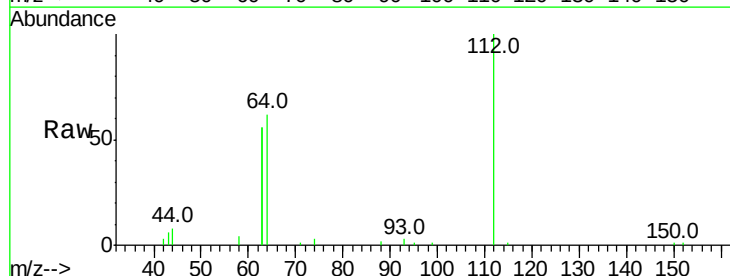
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



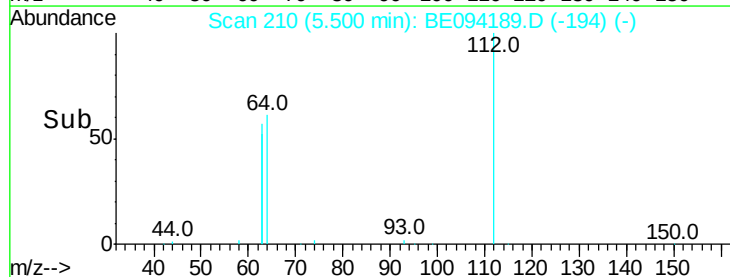
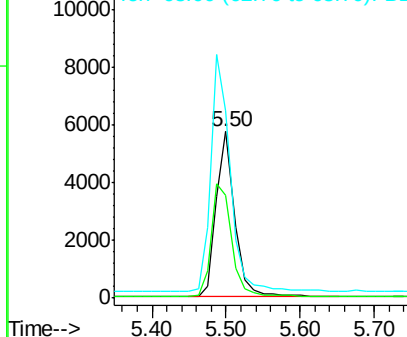
#4

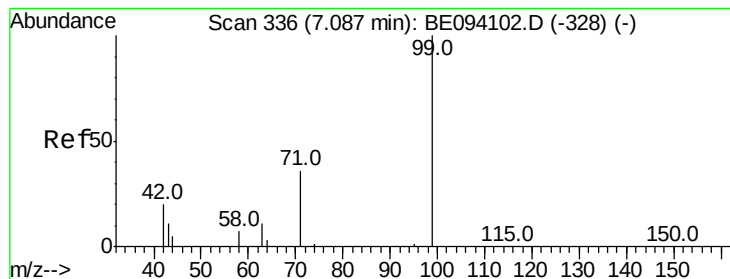
2-Fluorophenol
Concen: 2.122 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094189.D
Acq: 6 Oct 2017 21:17

Tgt Ion:112 Resp: 9986
Ion Ratio Lower Upper
112 100
64 76.2 60.1 90.1
63 151.5 116.8 175.2



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: 2.164 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

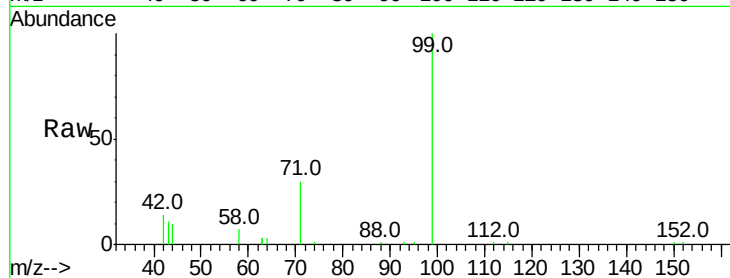
Tot Ion: 99 Resp: 14759

Ion Ratio Lower Upper

99 100

42 20.9 20.2 30.2

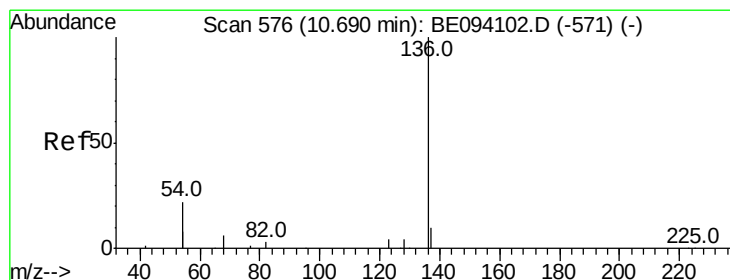
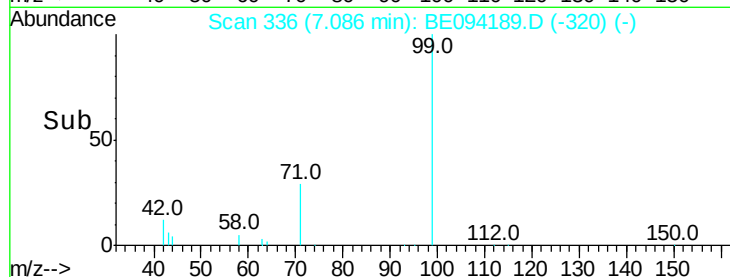
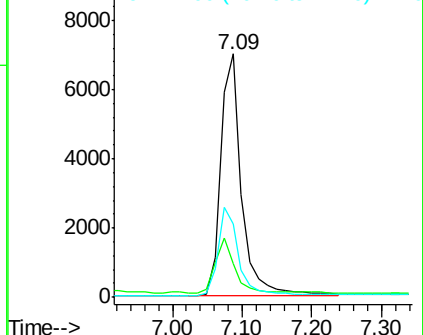
71 35.9 28.4 42.6



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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Tgt Ion: 136 Resp: 6671

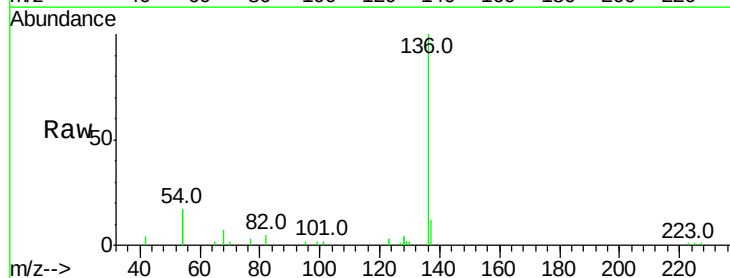
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 34.3 29.1 43.7

68 6.8 6.2 9.2

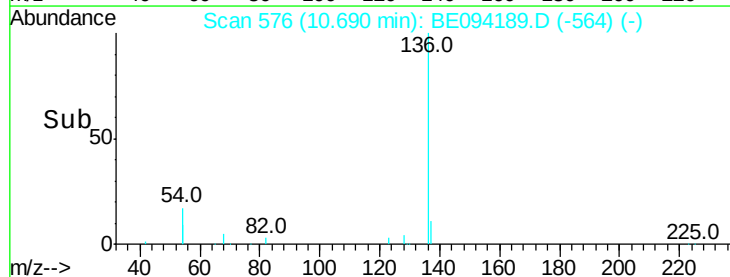
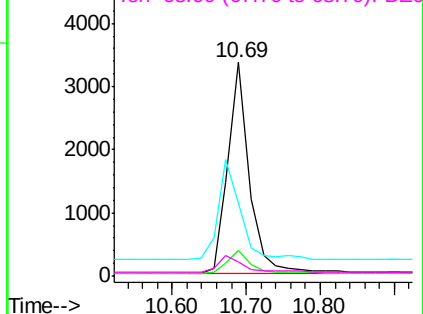


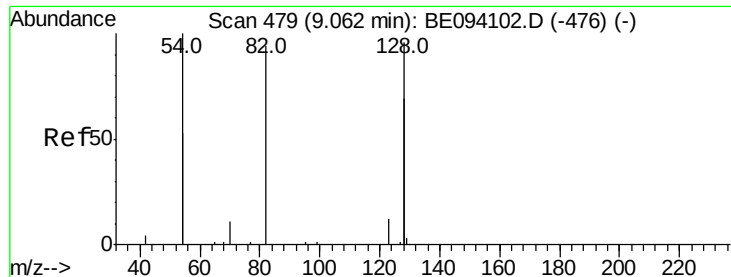
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.864 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

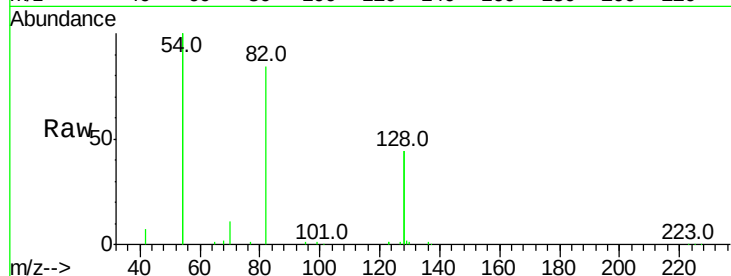
Tot Ion: 82 Resp: 15909

Ion Ratio Lower Upper

82 100

128 104.4 150.0 225.0#

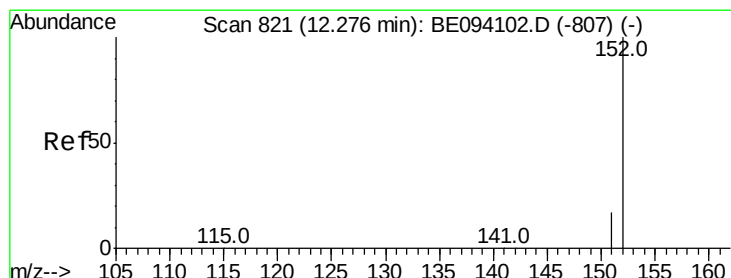
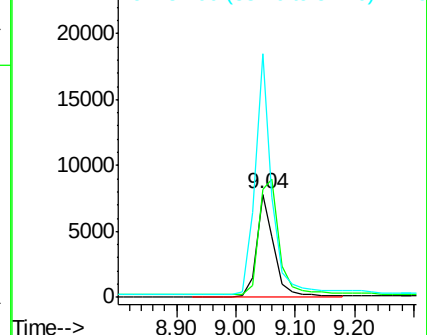
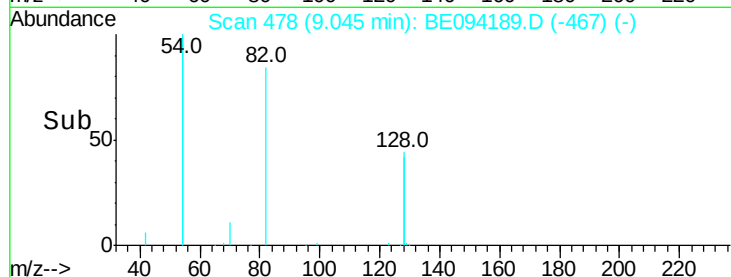
54 236.9 154.2 231.4#



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: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094189.D

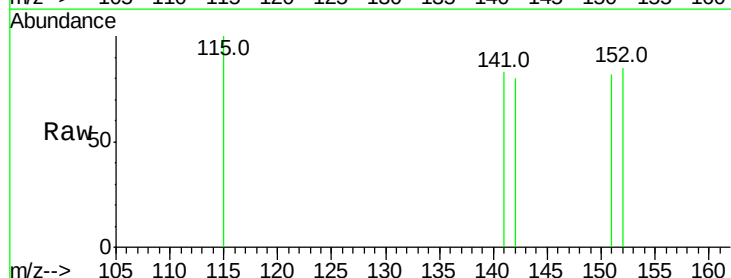
Acq: 6 Oct 2017 21:17

Tgt Ion: 152 Resp: 4

Ion Ratio Lower Upper

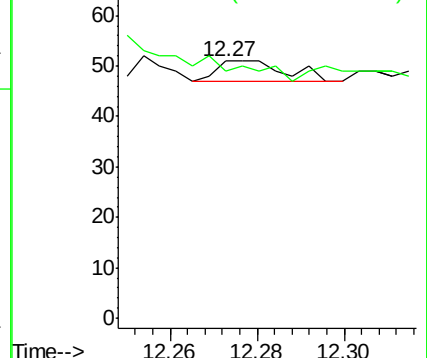
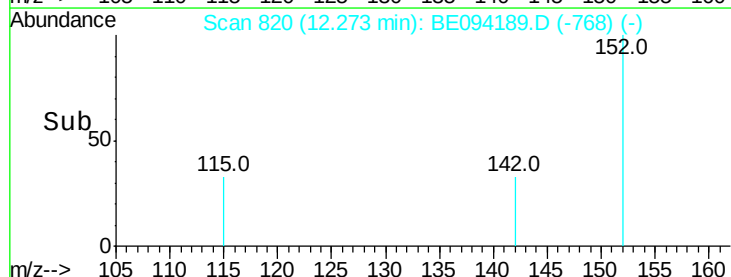
152 100

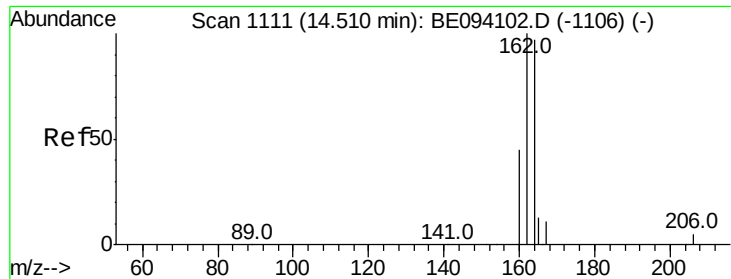
151 0.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

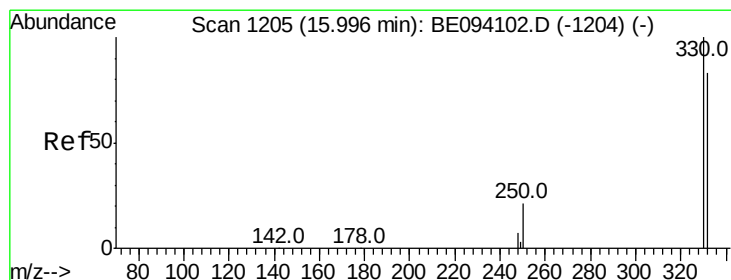
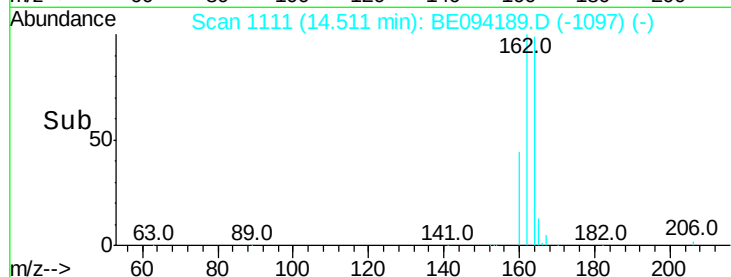
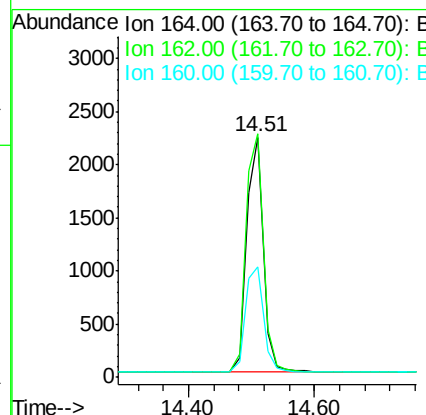
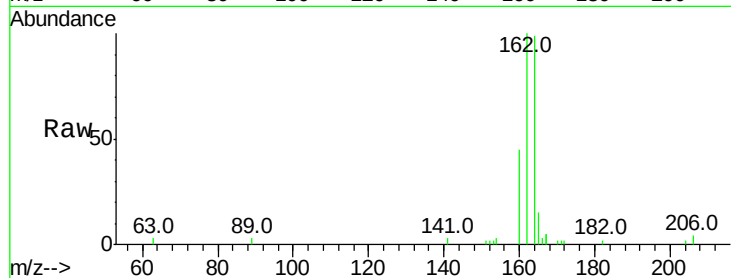




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094189.D
 Acq: 6 Oct 2017 21:17

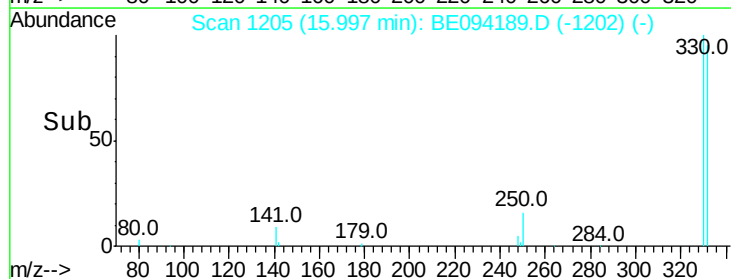
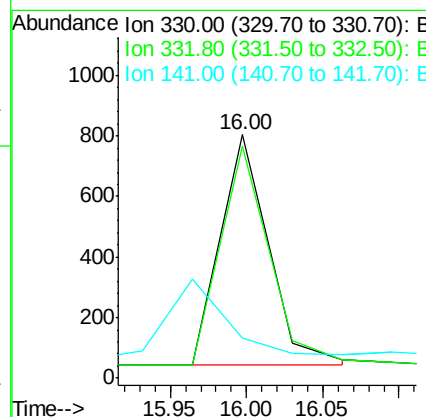
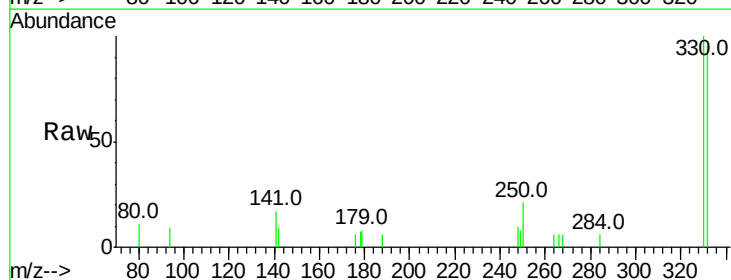
Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-D

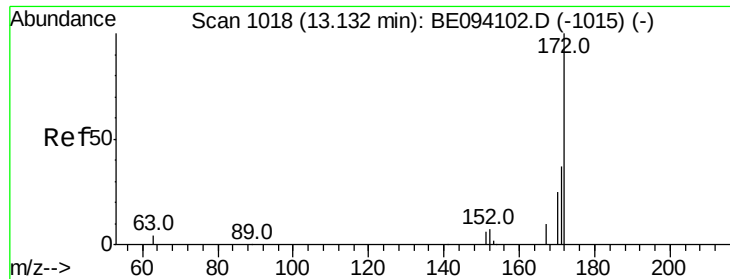
Tot Ion:164 Resp: 4059
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.1 124.7
 160 45.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.933 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094189.D
 Acq: 6 Oct 2017 21:17

Tgt Ion:330 Resp: 1647
 Ion Ratio Lower Upper
 330 100
 332 97.3 152.7 229.1#
 141 0.0 33.7 50.5#

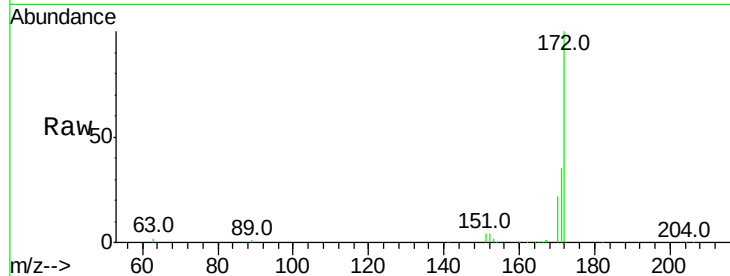




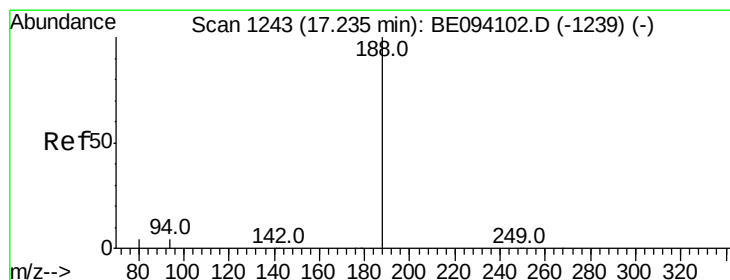
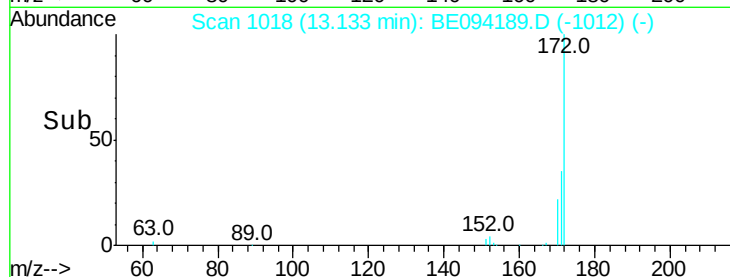
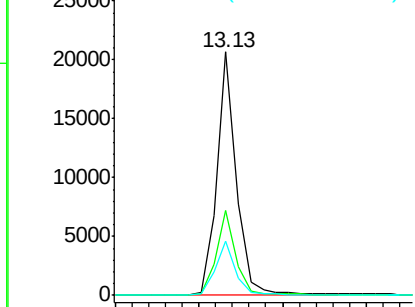
#15
2-Fluorobiphenyl
Concen: 2.415 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094189.D
Acq: 6 Oct 2017 21:17

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion:172 Resp: 33582
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 22.5 21.8 32.8

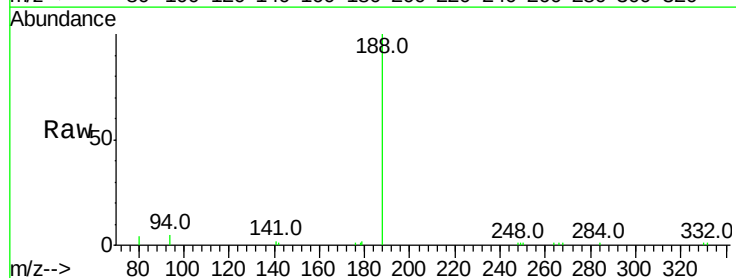


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

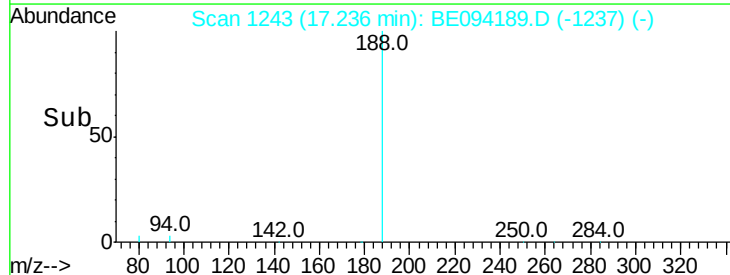
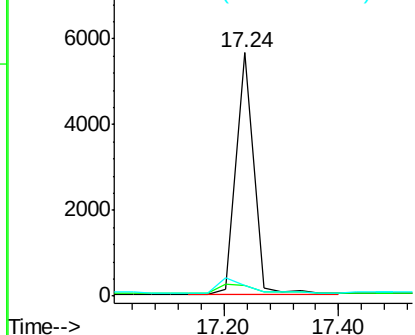


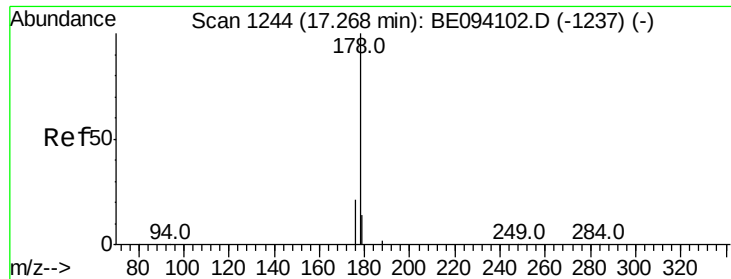
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094189.D
Acq: 6 Oct 2017 21:17

Tgt Ion:188 Resp: 11873
Ion Ratio Lower Upper
188 100
94 4.6 3.9 5.9
80 4.4 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: 0.022 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

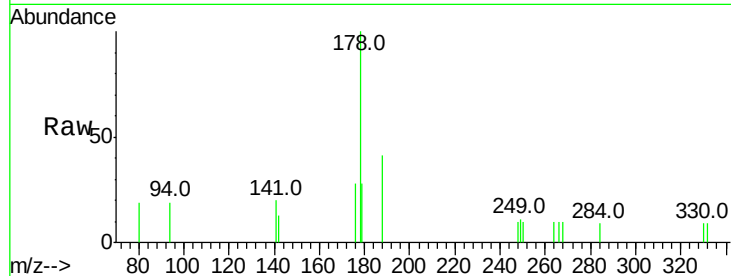
Tot Ion:178 Resp: 917

Ion Ratio Lower Upper

178 100

176 21.9 15.1 22.7

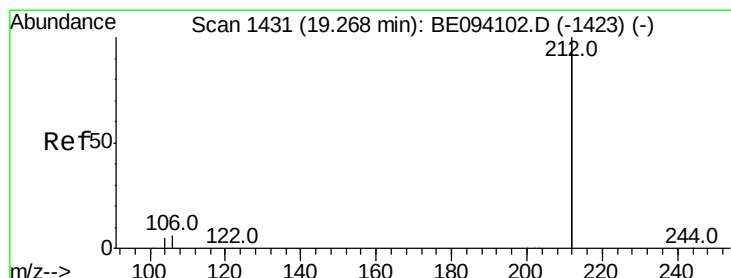
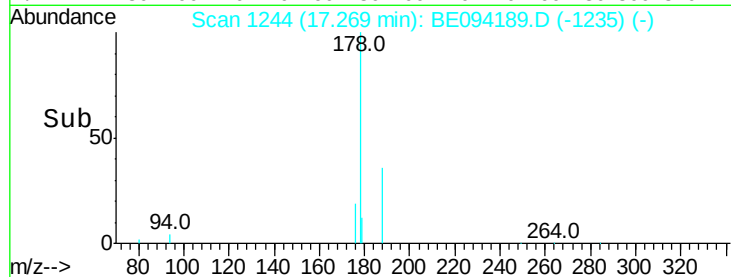
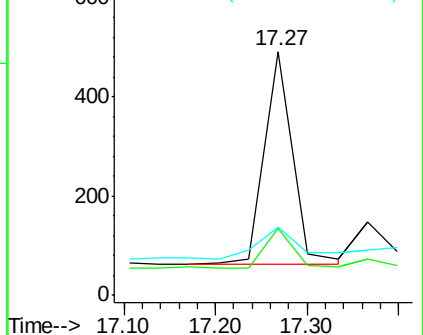
179 26.3 11.8 17.6#



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: 0.000 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

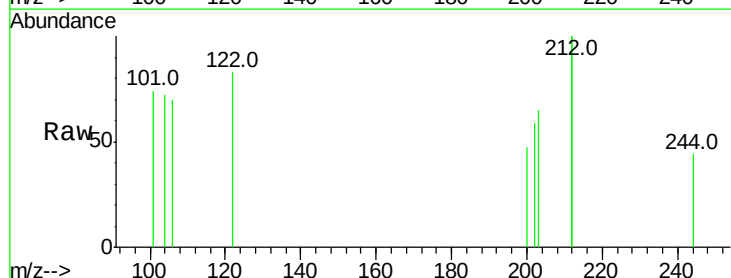
Tgt Ion:212 Resp: 34

Ion Ratio Lower Upper

212 100

106 82.4 2.8 4.2#

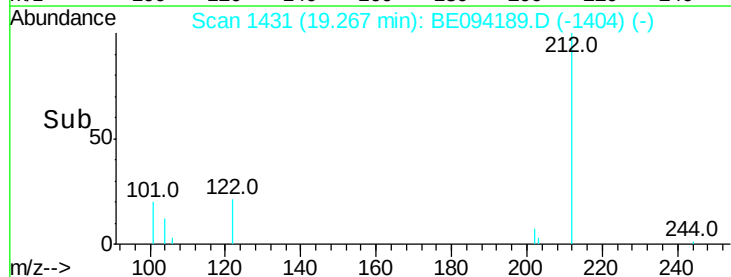
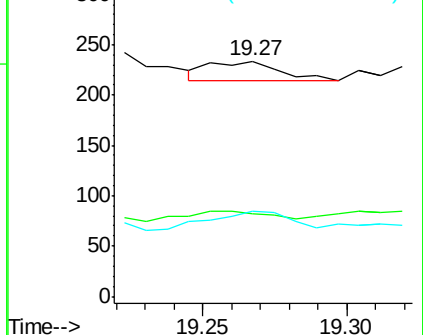
104 102.9 1.6 2.4#

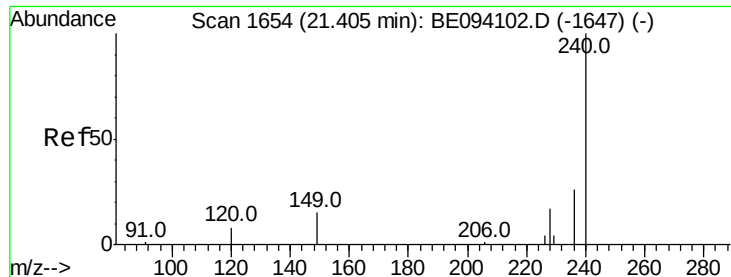


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

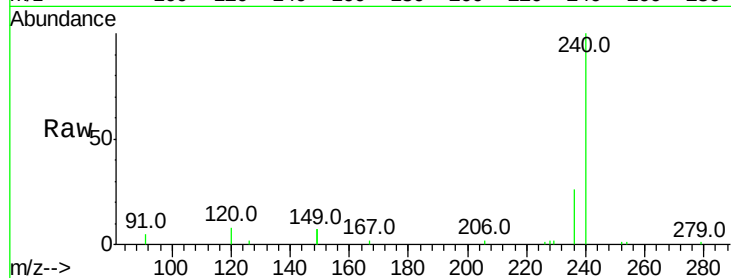
Tot Ion:240 Resp: 11101

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

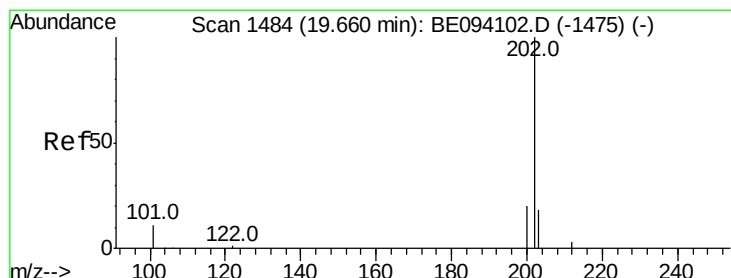
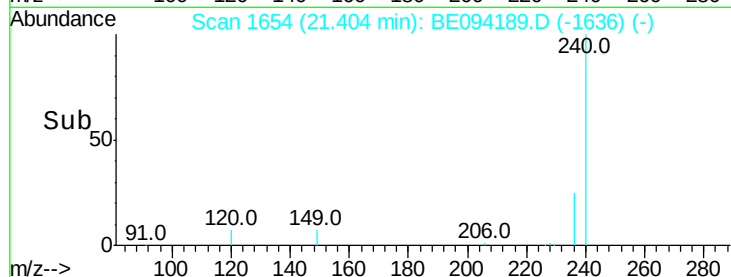
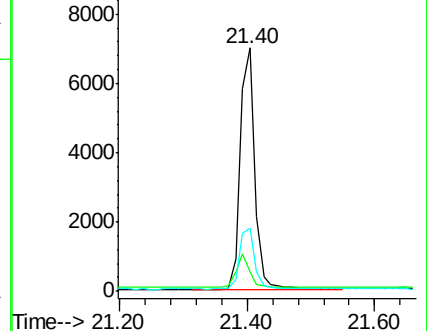
236 26.0 20.7 31.1



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



#28

Pyrene

Concen: 0.027 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

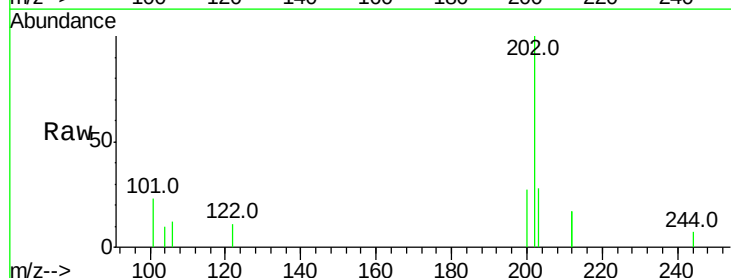
Tgt Ion:202 Resp: 1032

Ion Ratio Lower Upper

202 100

200 22.1 16.6 25.0

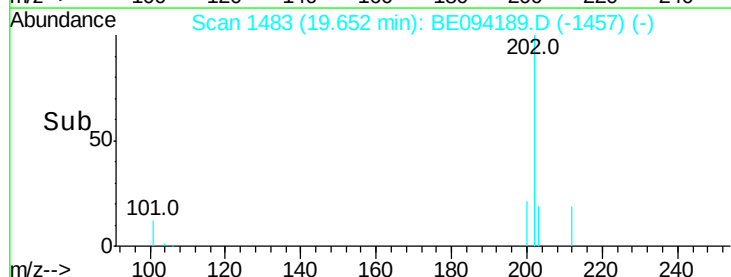
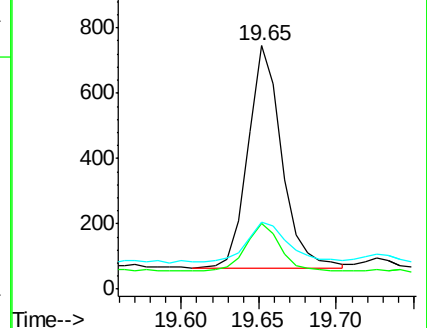
203 23.7 13.8 20.8#

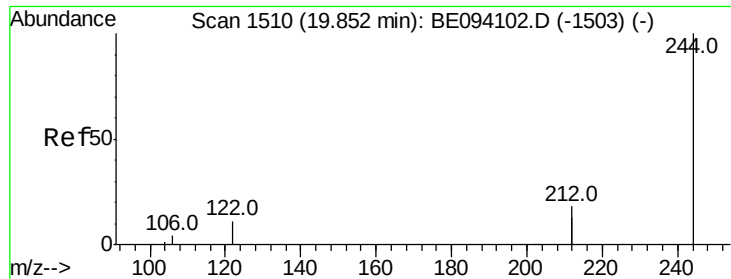


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.298 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

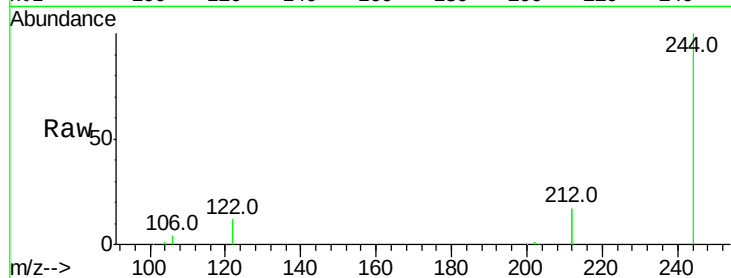
Tot Ion:244 Resp: 48164

Ion Ratio Lower Upper

244 100

212 33.2 25.4 38.0

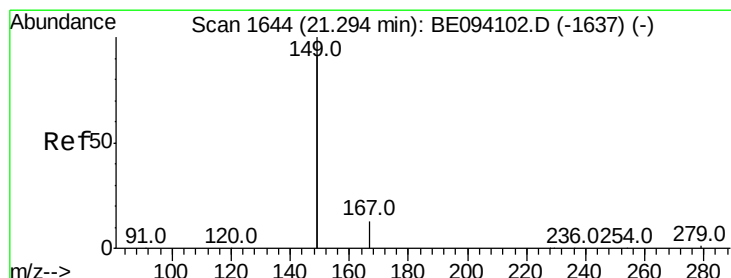
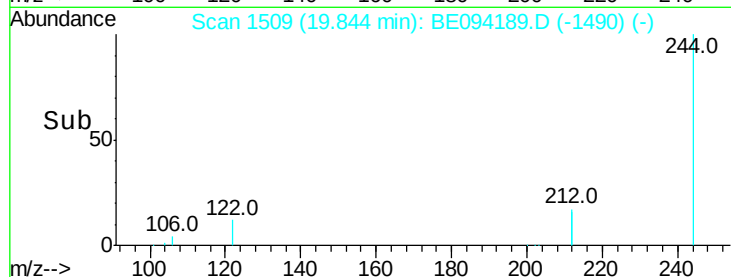
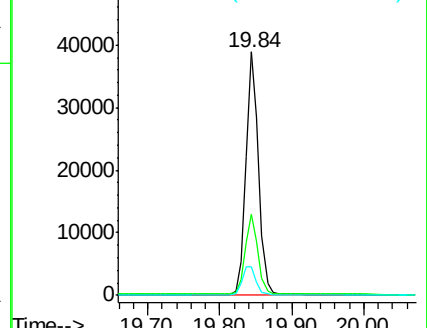
122 11.8 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

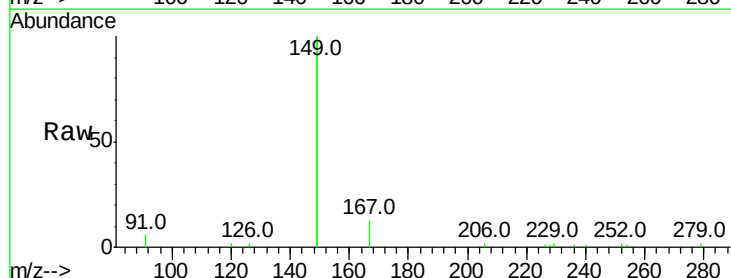
Tgt Ion:149 Resp: 13247

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

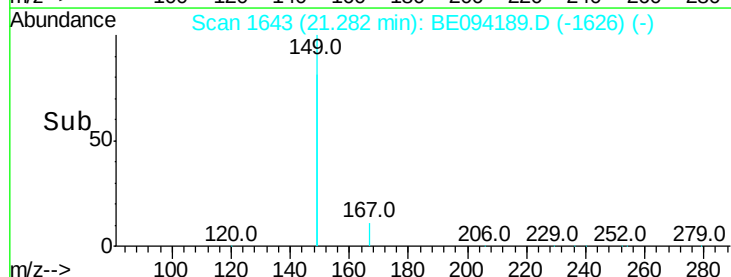
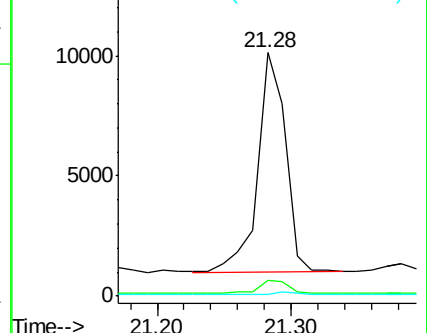
279 1.0 0.7 1.1

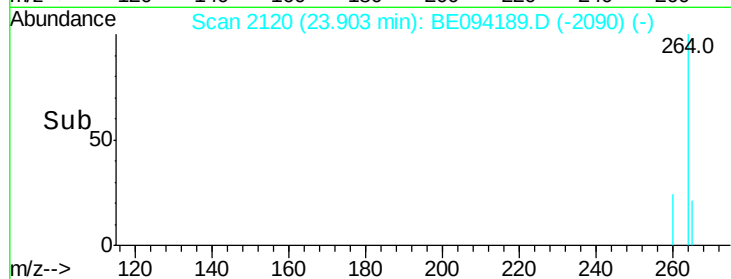
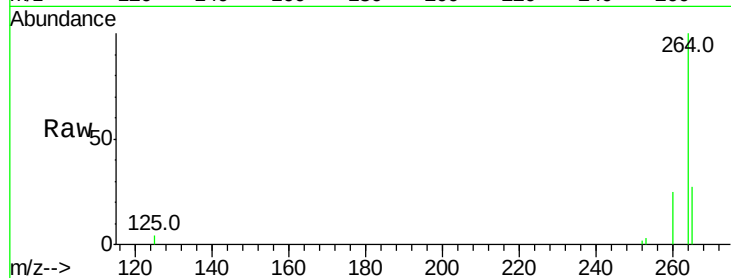
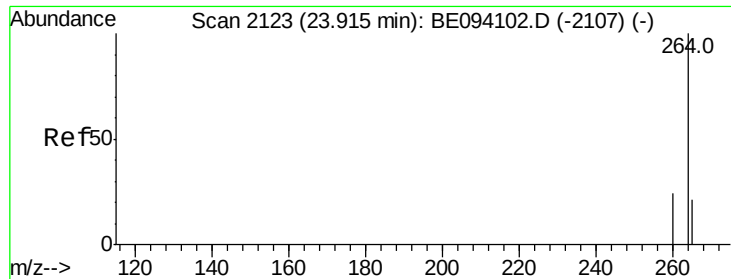


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094189.D

Acq: 6 Oct 2017 21:17

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

Tot Ion:264 Resp: 10385

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

265 27.1 22.8 34.2

