

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094186.D
 Acq On : 6 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I5571-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C

Quant Time: Oct 07 01:44:14 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

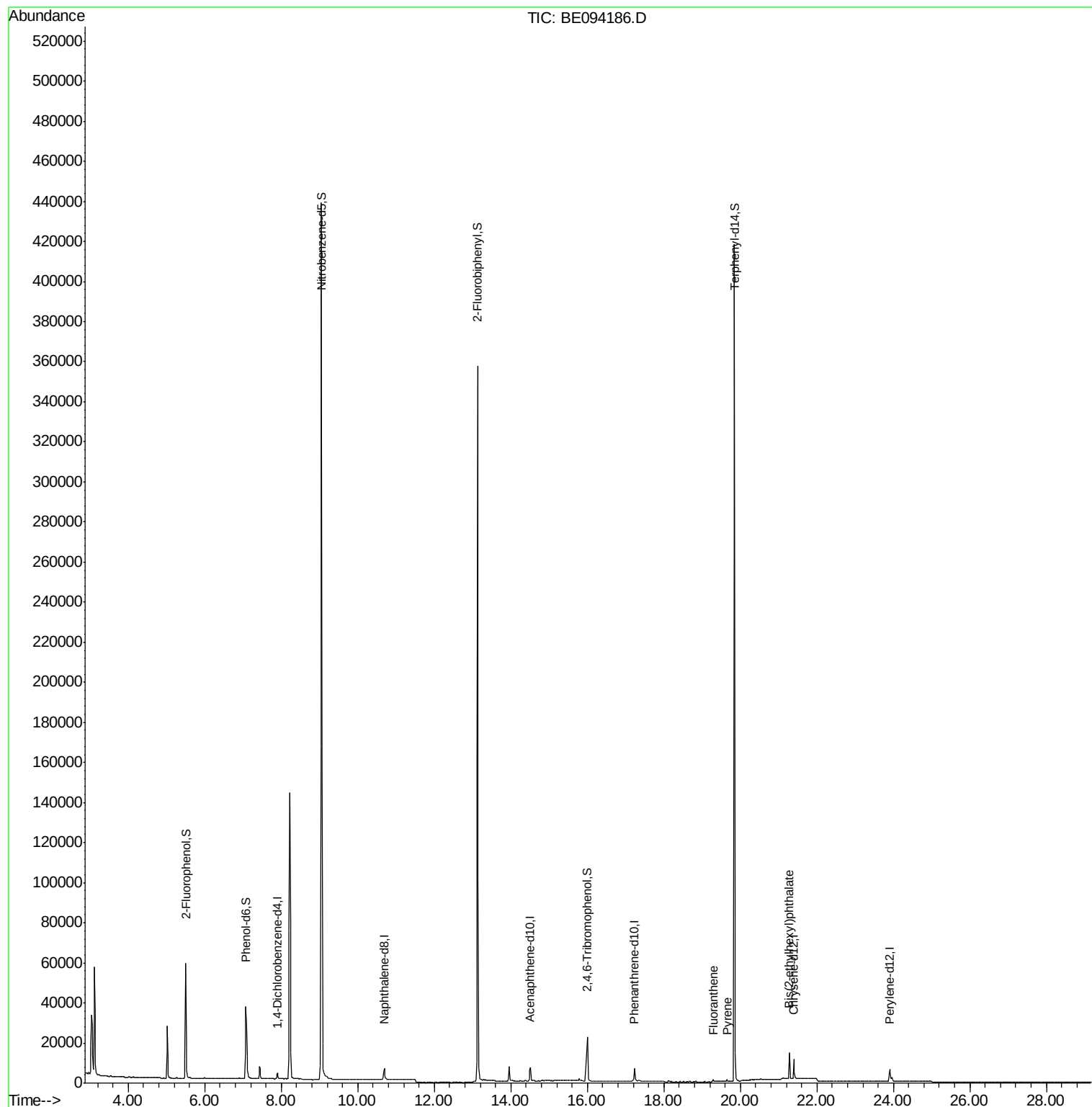
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1574	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7651	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4621	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12613	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10915	0.40	ng	0.00
34) Perylene-d12	23.90	264	10032	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	32866	6.27	ng	0.00
5) Phenol-d6	7.07	99	38004	5.00	ng	-0.01
8) Nitrobenzene-d5	9.05	82	163907	25.73	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	1	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	20239	10.07	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	323177	20.42	ng	0.00
25) Fluoranthene-d10	19.27	212	62	0.00	ng	0.00
29) Terphenyl-d14	19.84	244	347618	16.86	ng	0.00
Target Compounds						
26) Fluoranthene	19.29	202	985	0.026	ng	# 95
28) Pyrene	19.65	202	1143	0.030	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.28	149	17905	0.217	ng	100

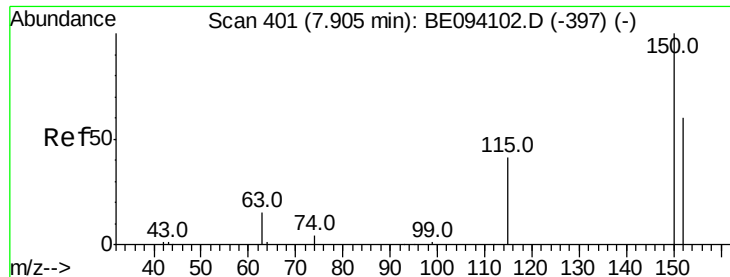
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

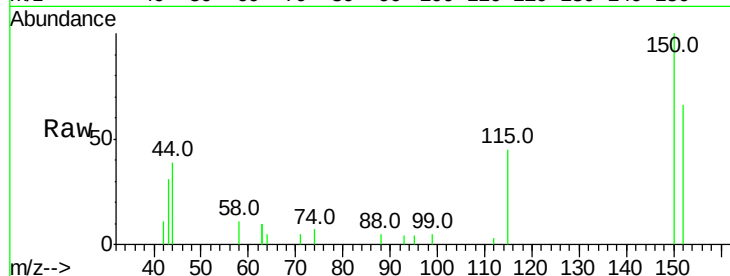
Tot Ion:152 Resp: 1574

Ion Ratio Lower Upper

152 100

150 150.6 117.2 175.8

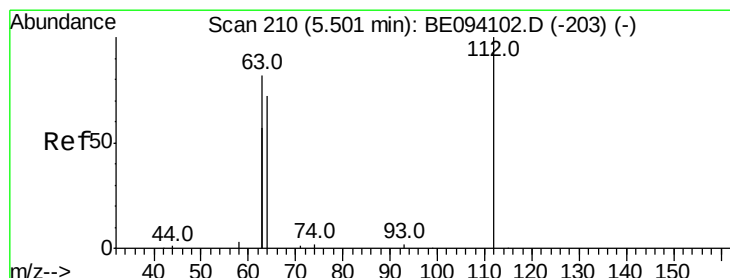
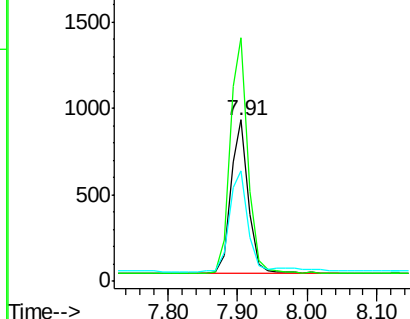
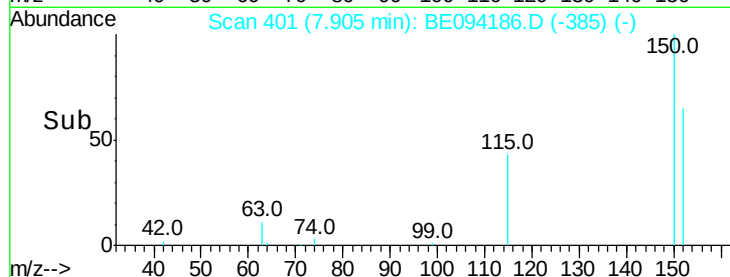
115 68.2 57.0 85.6



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



#4

2-Fluorophenol

Concen: 6.266 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

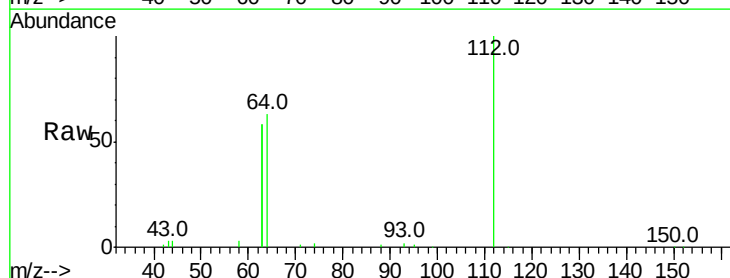
Tgt Ion:112 Resp: 32866

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

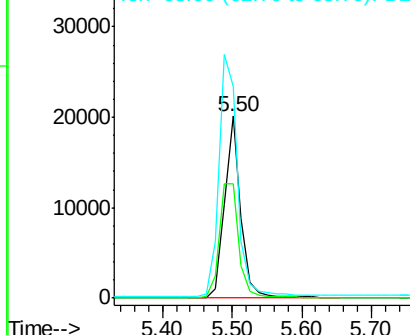
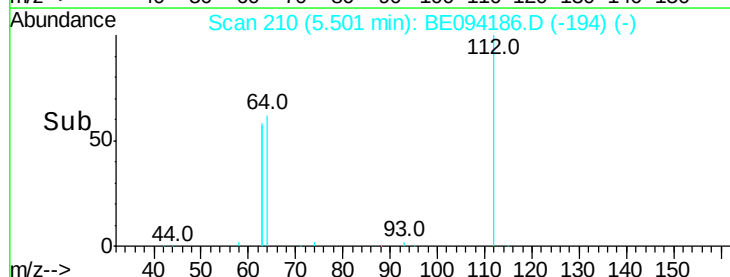
63 150.3 116.8 175.2

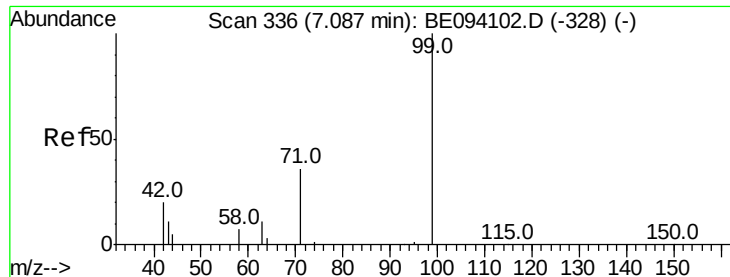


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 4.998 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

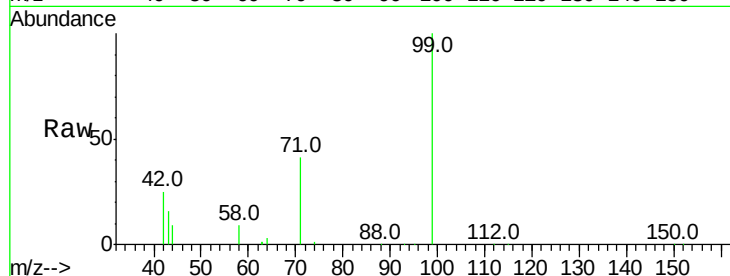
Tot Ion: 99 Resp: 38004

Ion Ratio Lower Upper

99 100

42 21.1 20.2 30.2

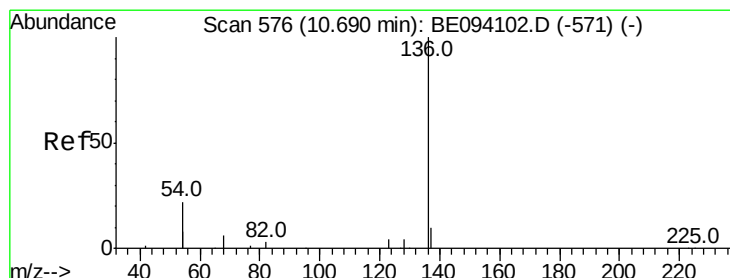
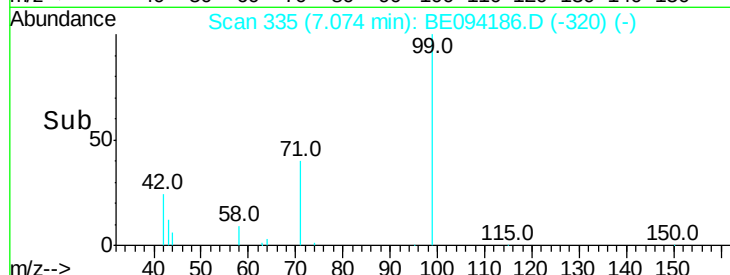
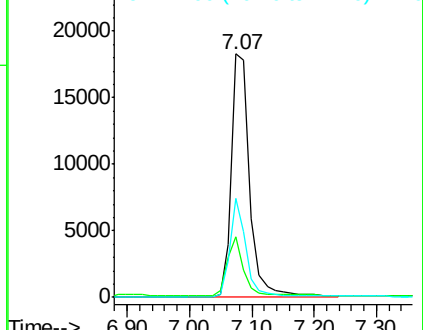
71 34.8 28.4 42.6



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: BE094186.D

Acq: 6 Oct 2017 19:23

Tgt Ion: 136 Resp: 7651

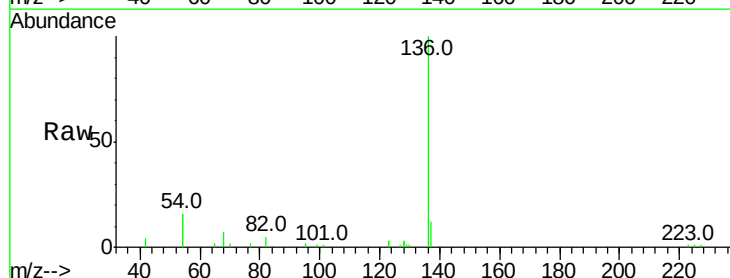
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 32.8 29.1 43.7

68 6.8 6.2 9.2

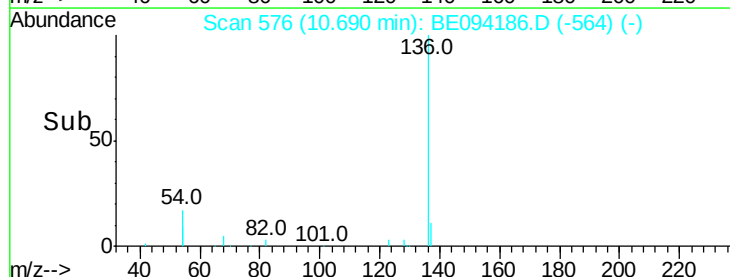
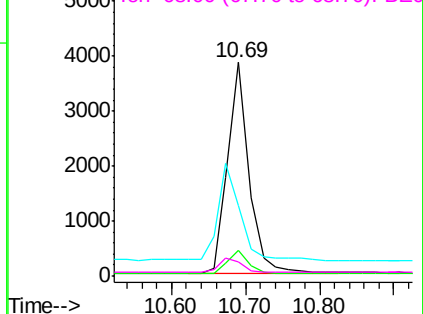


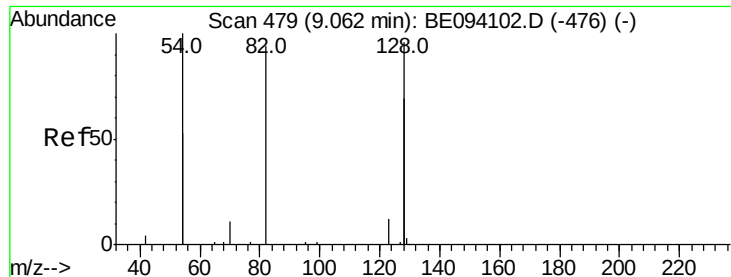
Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.731 ng

RT: 9.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

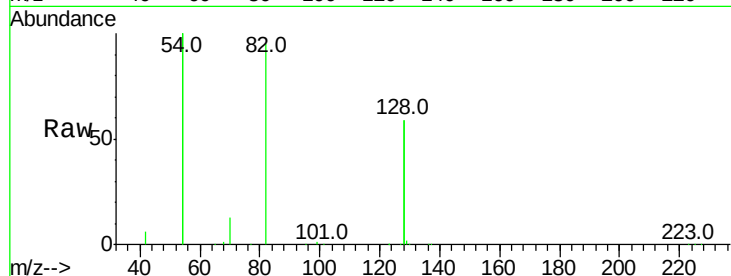
Tot Ion: 82 Resp: 163907

Ion Ratio Lower Upper

82 100

128 124.8 150.0 225.0#

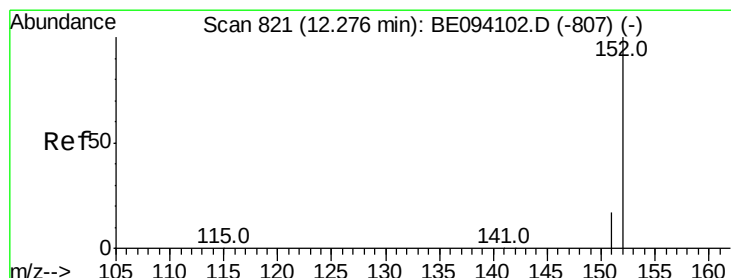
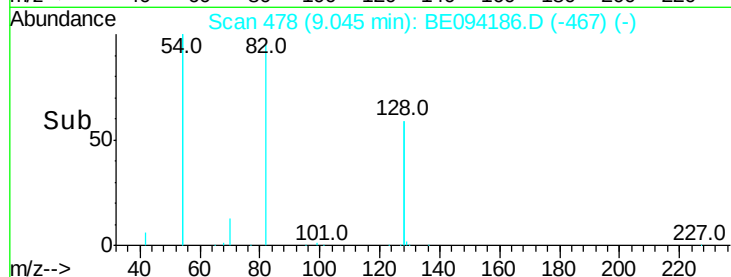
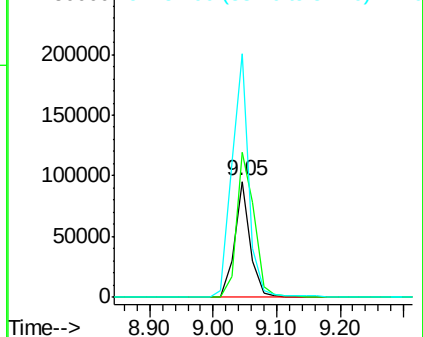
54 209.8 154.2 231.4



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: 12.28 min Scan# 823

Delta R.T. 0.01 min

Lab File: BE094186.D

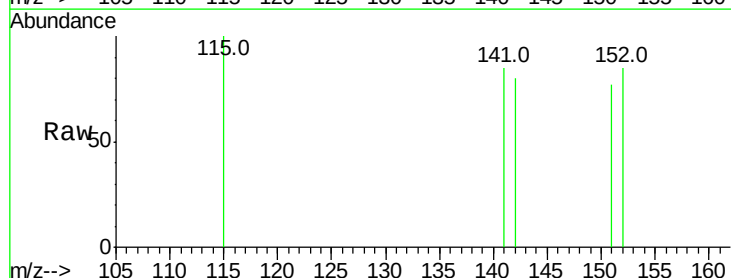
Acq: 6 Oct 2017 19:23

Tgt Ion: 152 Resp: 1

Ion Ratio Lower Upper

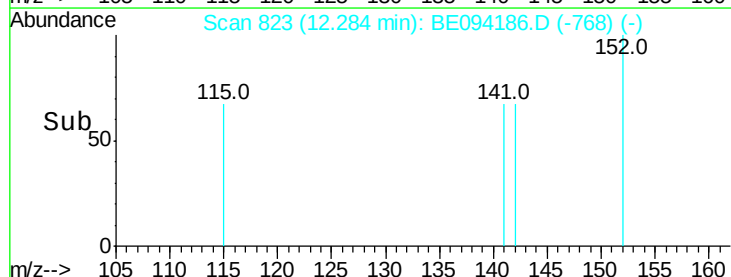
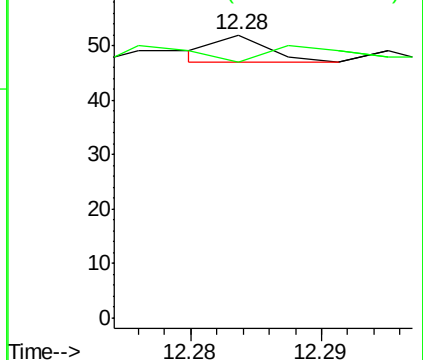
152 100

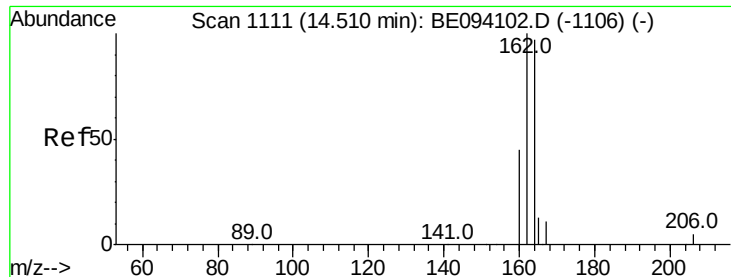
151 100.0 15.4 23.0#



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: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

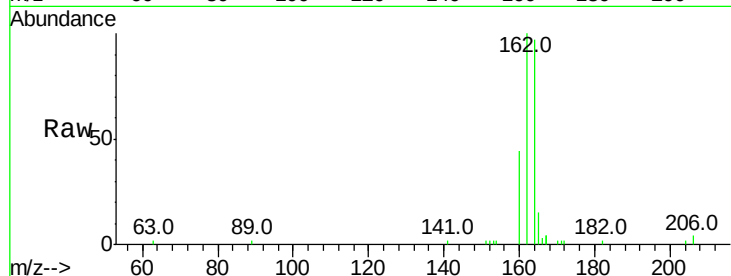
Tot Ion:164 Resp: 4621

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

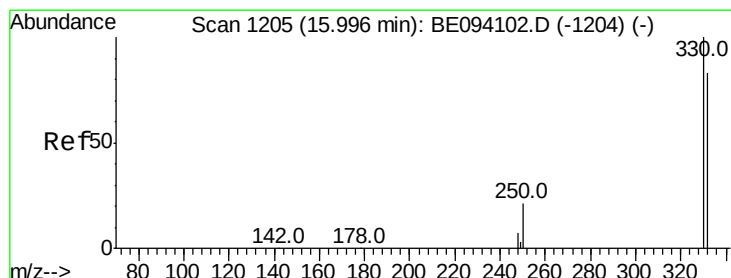
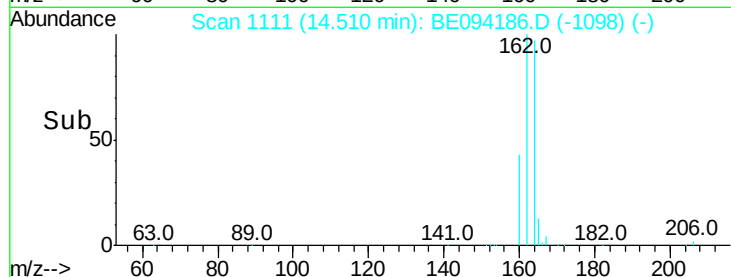
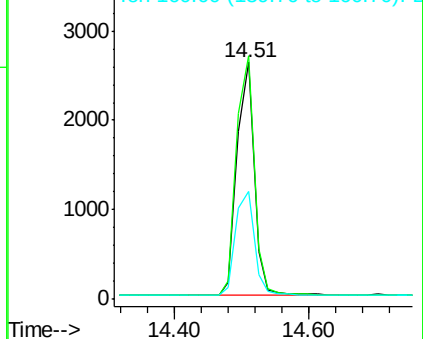
160 45.7 37.1 55.7



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: 10.075 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

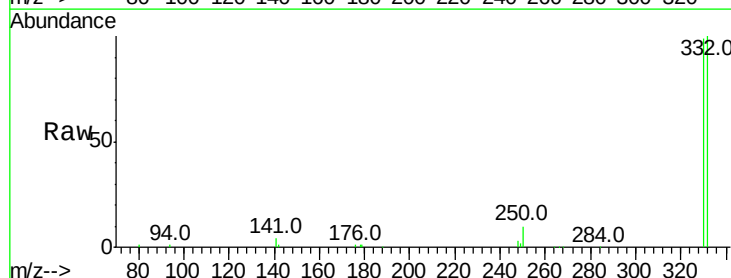
Tgt Ion:330 Resp: 20239

Ion Ratio Lower Upper

330 100

332 102.9 152.7 229.1#

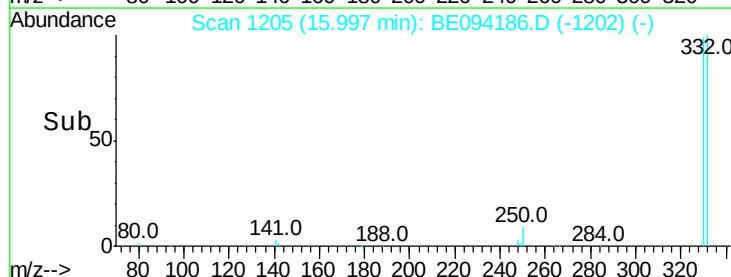
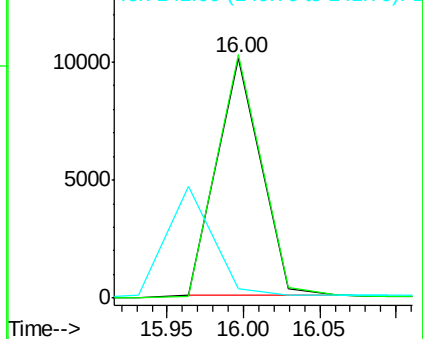
141 0.0 33.7 50.5#

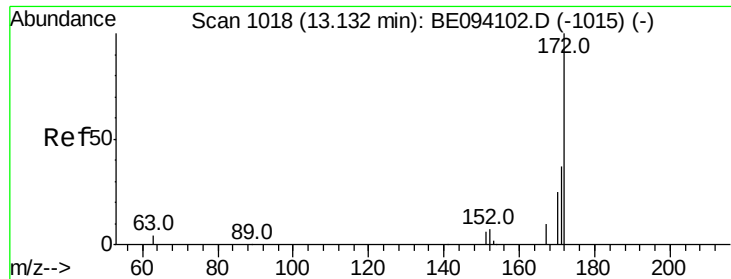


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

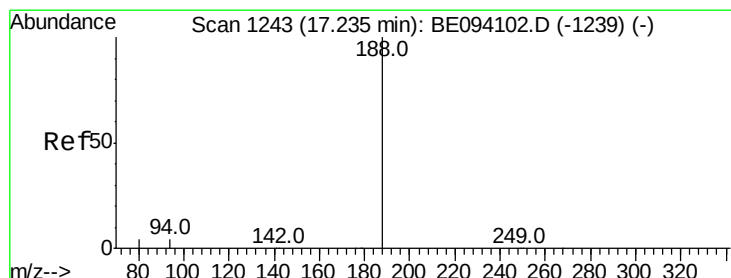
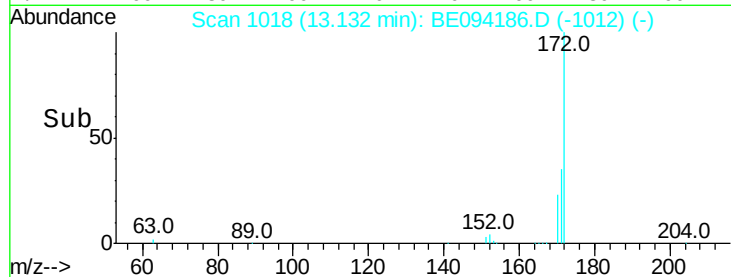
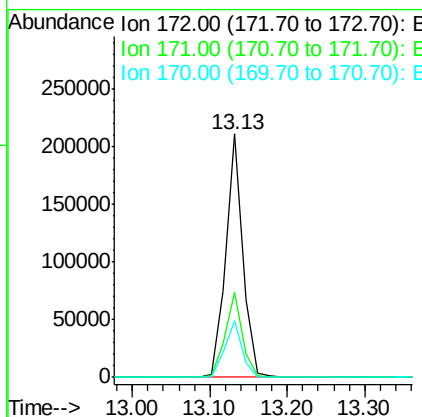
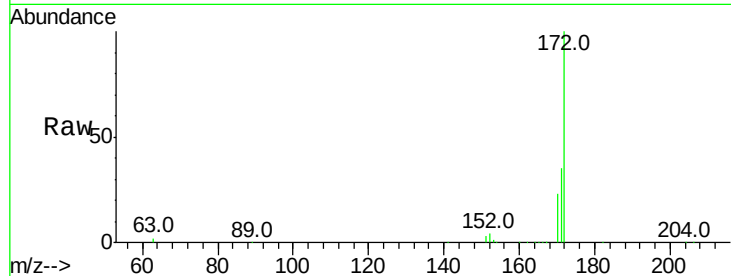




#15
2-Fluorobiphenyl
Concen: 20.415 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

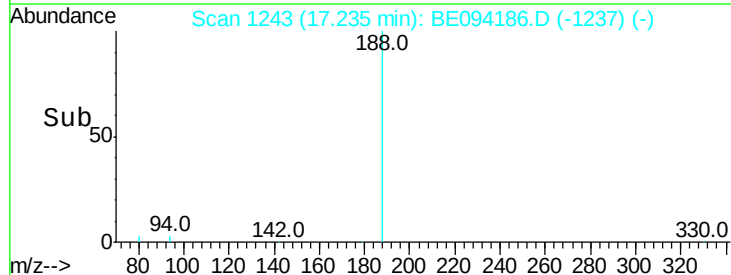
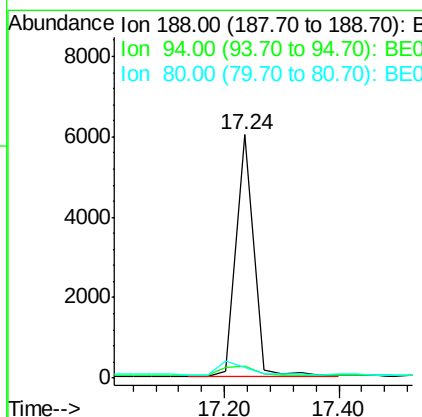
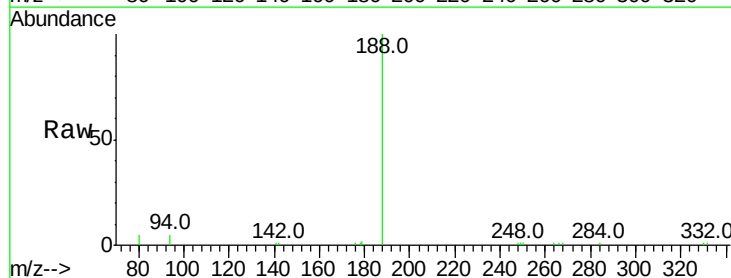
Instrument :
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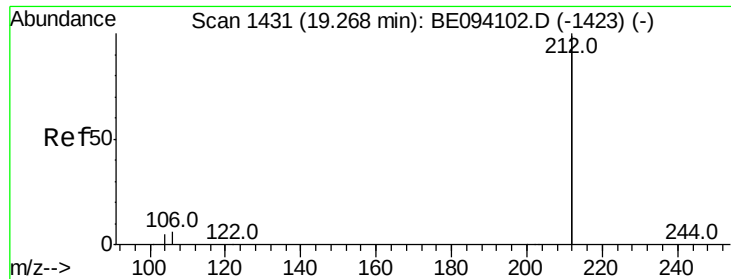
Tot Ion:172 Resp: 323177
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094186.D
Acq: 6 Oct 2017 19:23

Tgt Ion:188 Resp: 12613
Ion Ratio Lower Upper
188 100
94 4.8 3.9 5.9
80 4.5 3.6 5.4





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

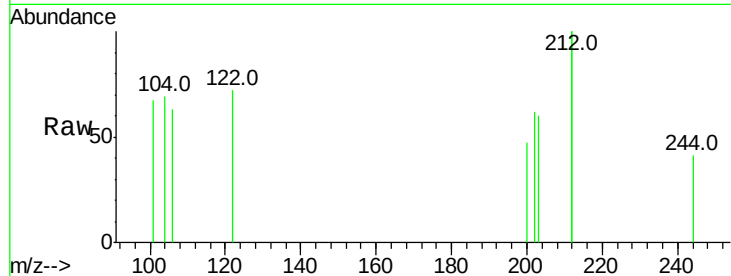
Tot Ion:212 Resp: 62

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

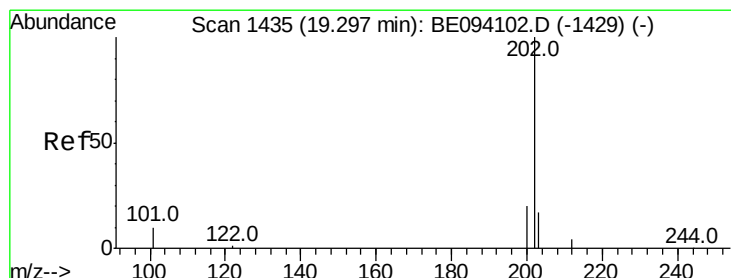
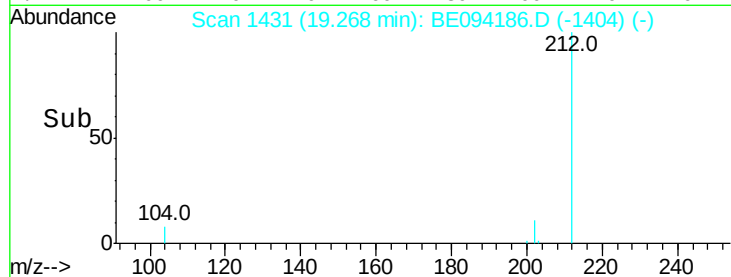
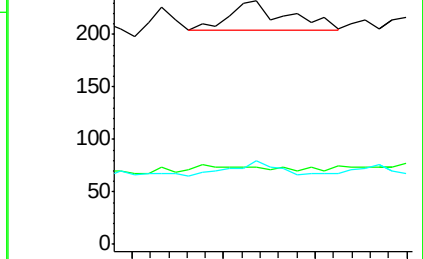
104 43.5 1.6 2.4#



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: 0.026 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

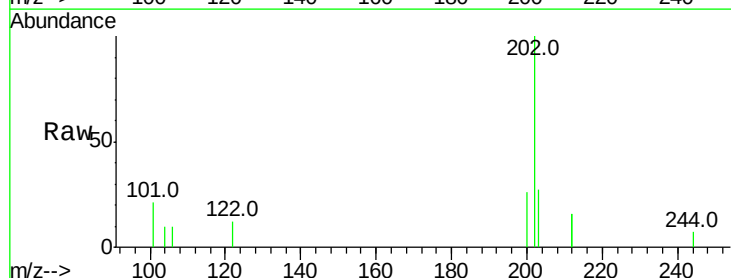
Tgt Ion:202 Resp: 985

Ion Ratio Lower Upper

202 100

101 16.0 9.8 14.8#

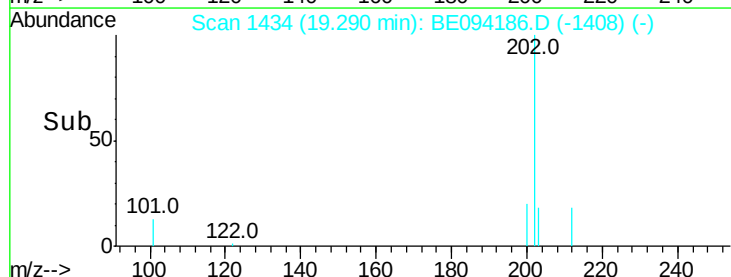
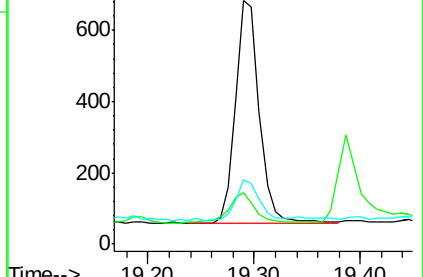
203 17.7 13.7 20.5

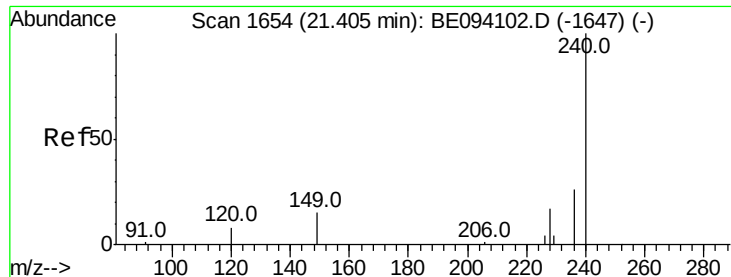


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

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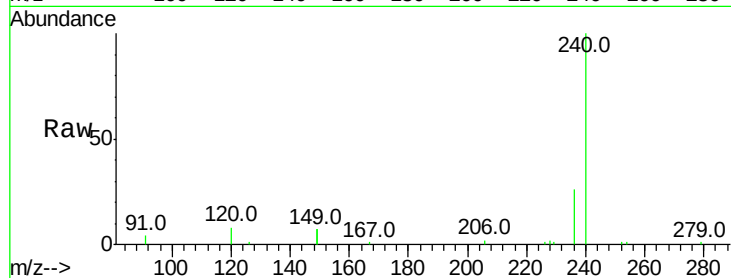
Tot Ion:240 Resp: 10915

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

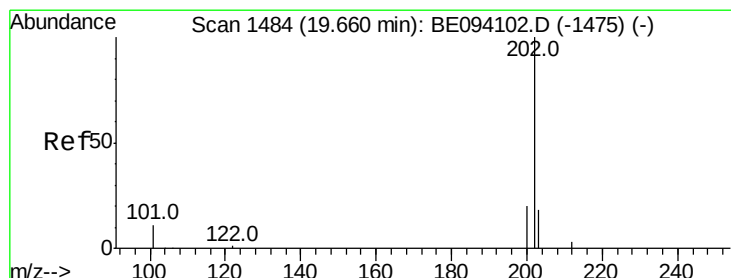
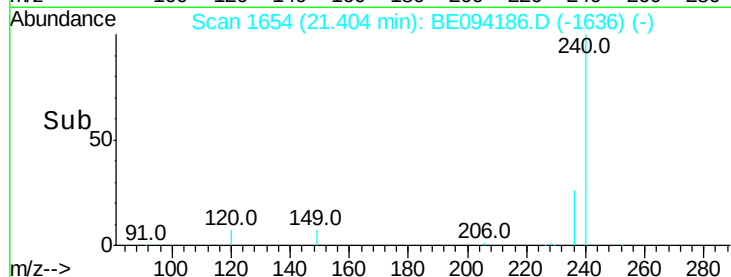
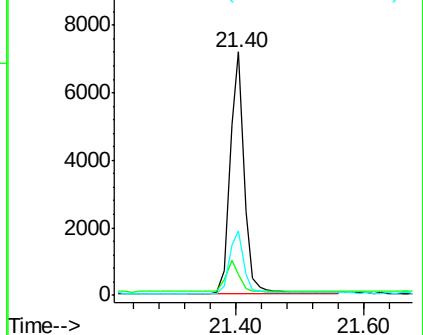
236 26.2 20.7 31.1



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: 0.030 ng

RT: 19.65 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

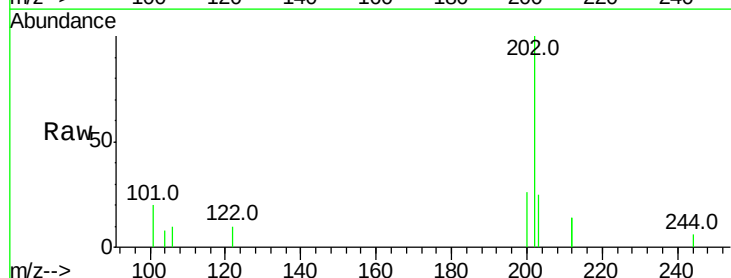
Tgt Ion:202 Resp: 1143

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

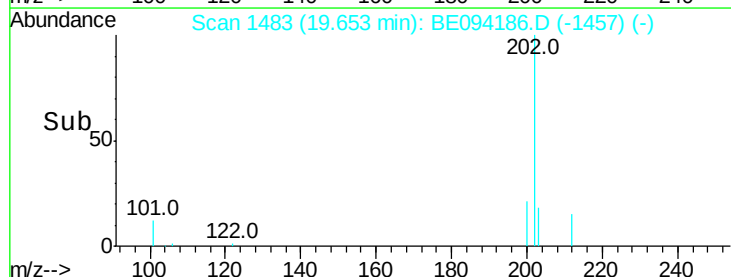
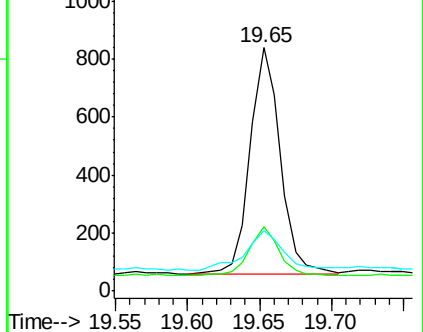
203 22.1 13.8 20.8#

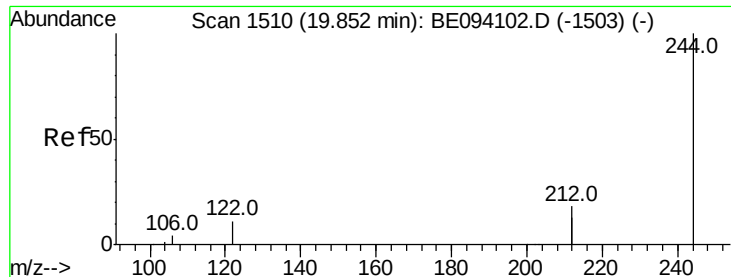


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 16.865 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-C

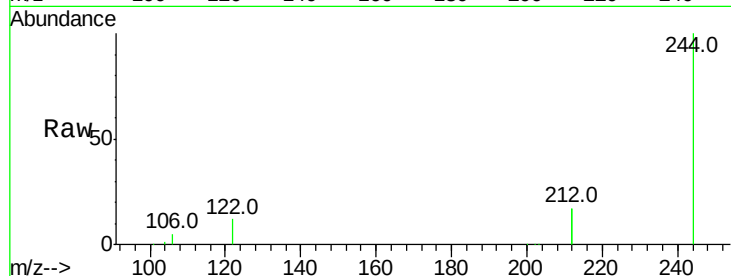
Tot Ion:244 Resp: 347618

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

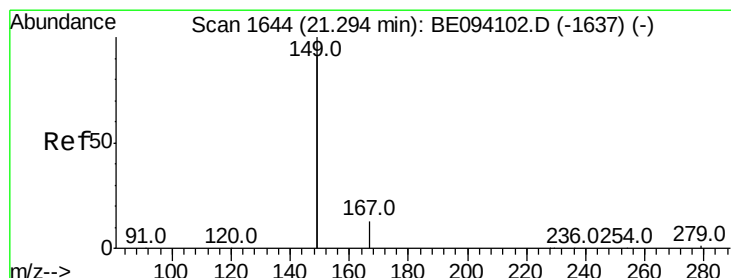
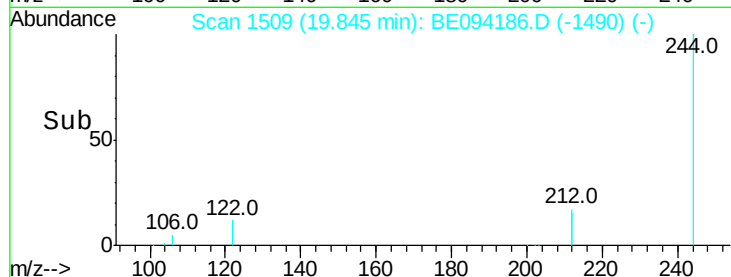
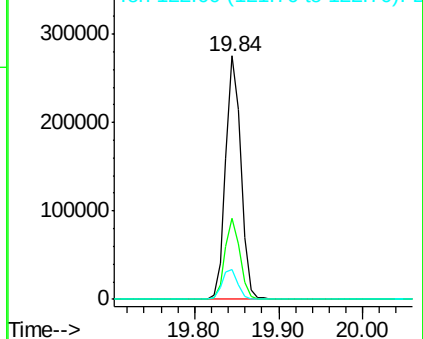
122 12.4 8.1 12.1#



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: 0.217 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094186.D

Acq: 6 Oct 2017 19:23

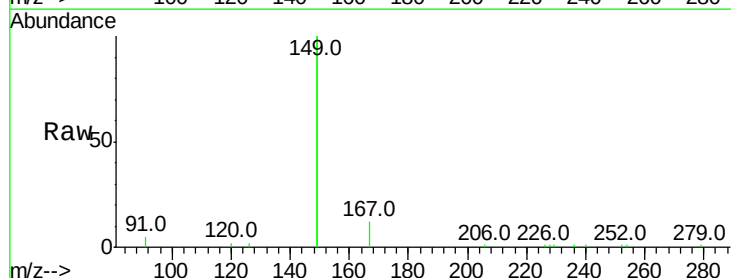
Tgt Ion:149 Resp: 17905

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

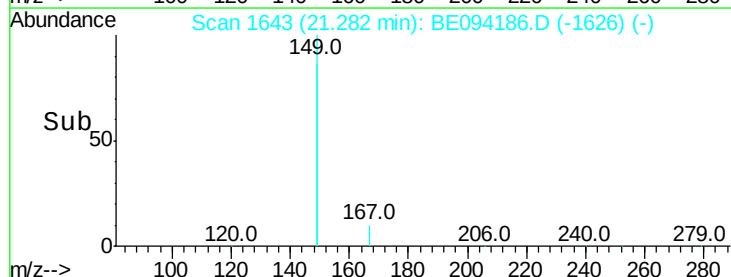
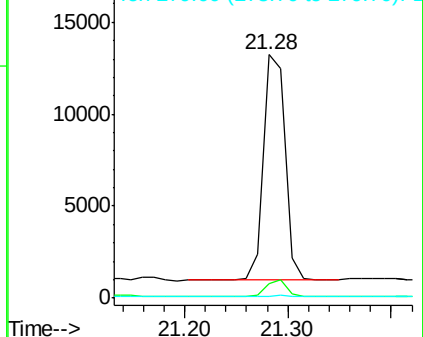
279 0.8 0.7 1.1

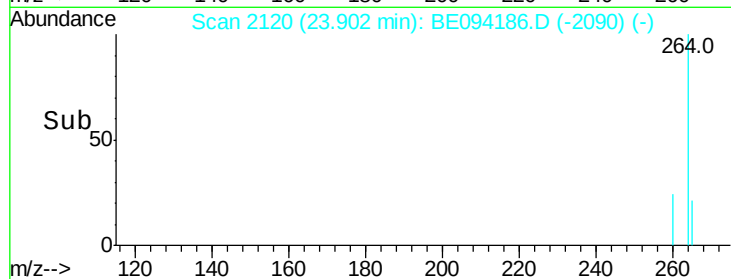
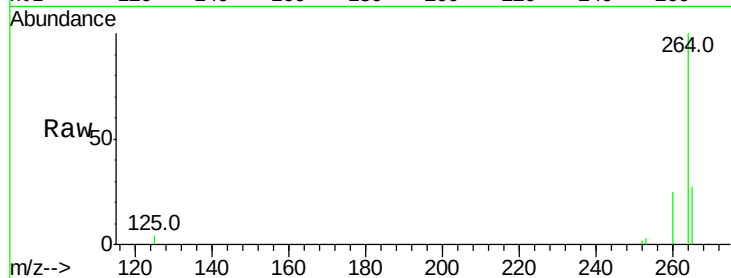
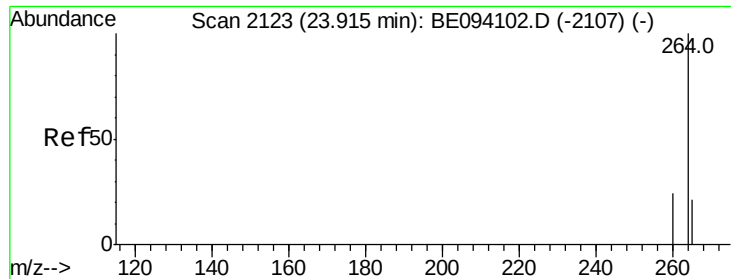


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE094186.D
 Acq: 6 Oct 2017 19:23

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	27.4	22.8	34.2

