

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094926.D
 Acq On : 5 Dec 2017 22:03
 Operator : SJ/JU
 Sample : I6698-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ452S-20171129

Quant Time: Dec 06 04:05:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

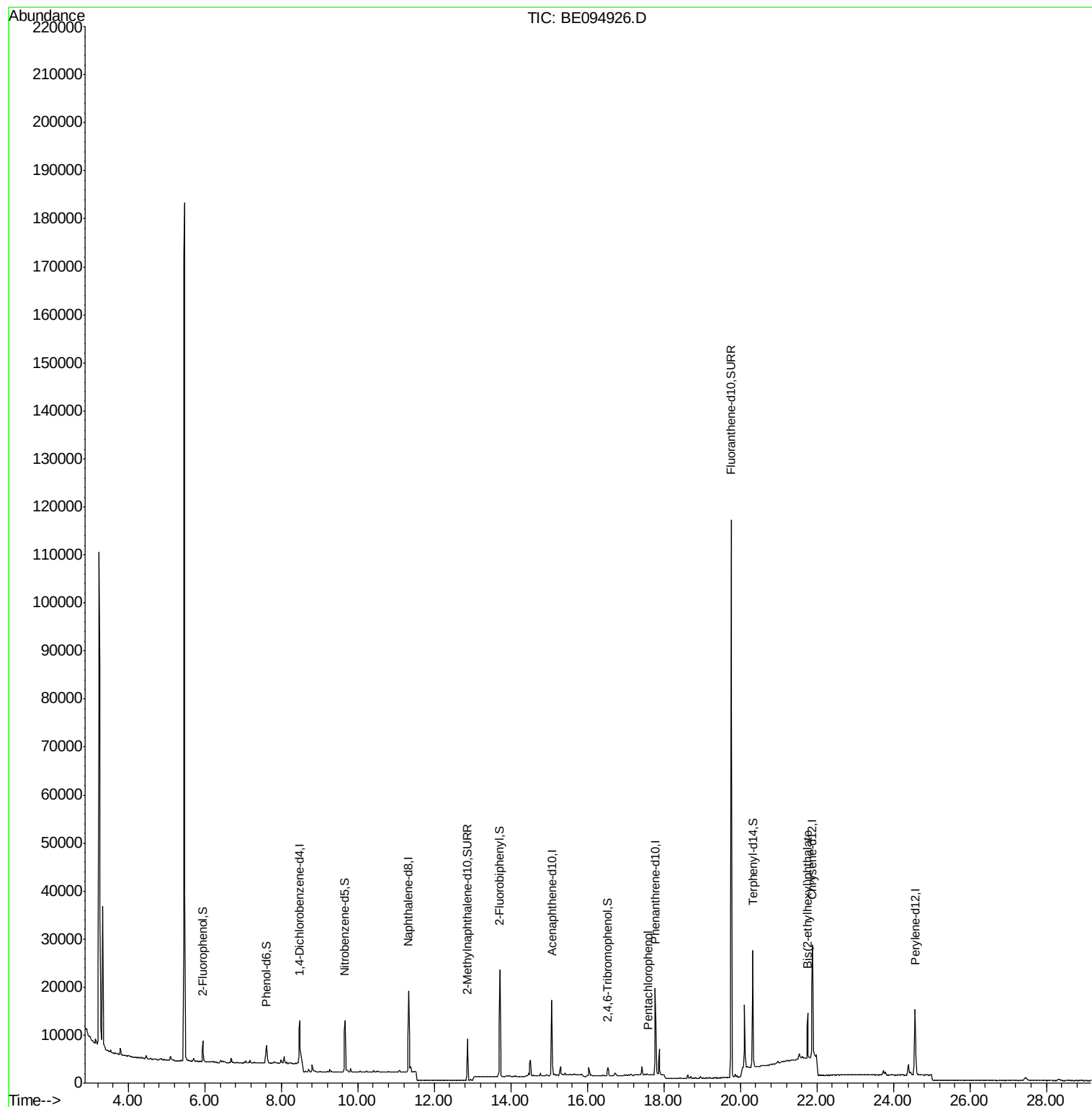
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8246	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18449	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	11171	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	26078	0.40	ng	0.00
27) Chrysene-d12	21.89	240	28439	0.40	ng	0.00
34) Perylene-d12	24.57	264	22364	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2094	0.16	ng	0.00
5) Phenol-d6	7.60	99	1881	0.10	ng	0.00
8) Nitrobenzene-d5	9.66	82	4739	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11760	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1008	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19613	0.41	ng	0.00
25) Fluoranthene-d10	19.76	212	142711	0.40	ng	0.00
29) Terphenyl-d14	20.33	244	27948	0.53	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.58	266	37	0.141	ng	89
32) Bis(2-ethylhexyl)phthalate	21.76	149	14671	0.102	ng	99

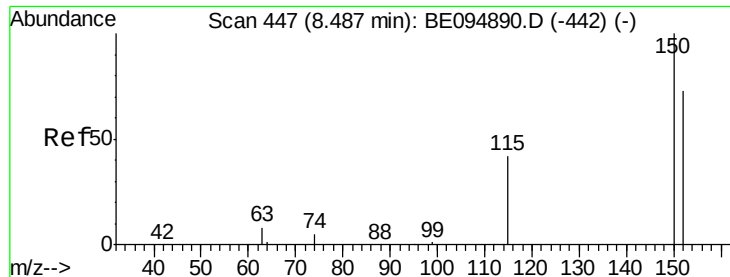
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.48 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Instrument :

BNA_E

ClientSampleId :

FT-PZ452S-20171129

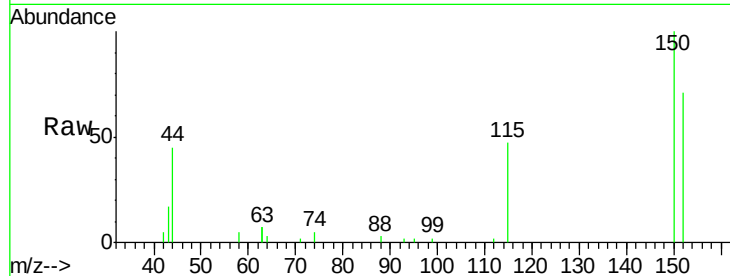
Tot Ion:152 Resp: 8246

Ion Ratio Lower Upper

152 100

150 141.8 117.2 175.8

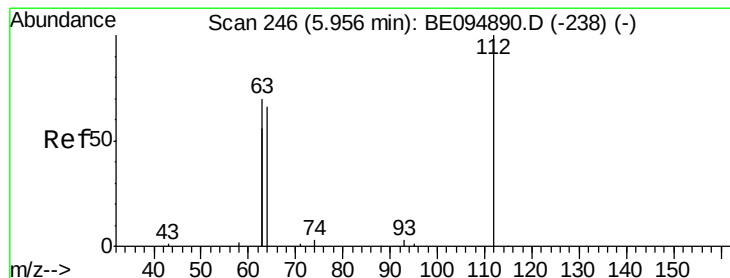
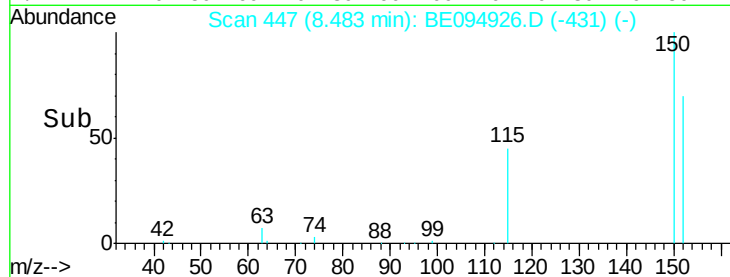
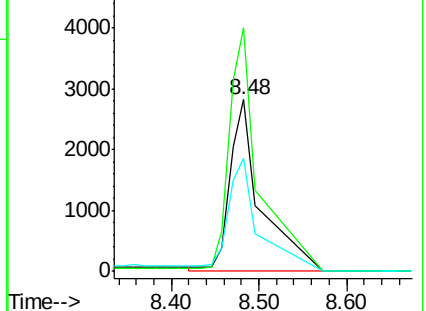
115 66.1 57.0 85.6



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: 0.160 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

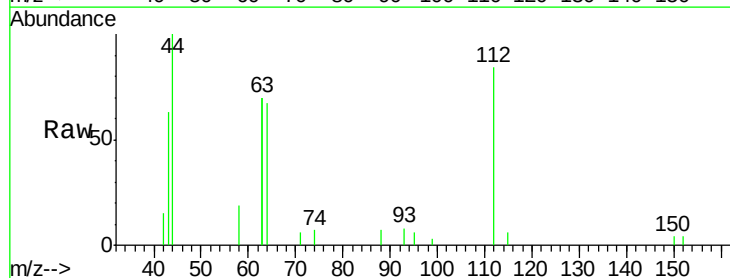
Tgt Ion:112 Resp: 2094

Ion Ratio Lower Upper

112 100

64 82.4 60.1 90.1

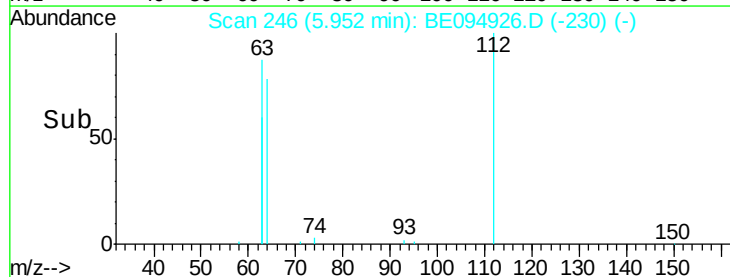
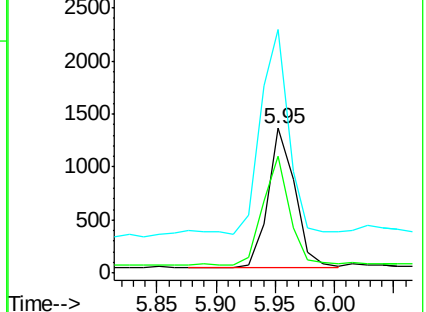
63 160.7 116.8 175.2

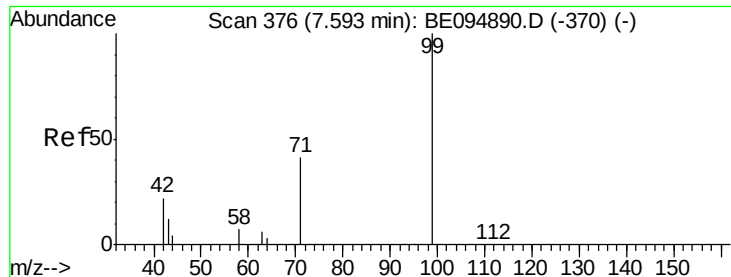


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Instrument :

BNA_E

ClientSampleId :

FT-PZ452S-20171129

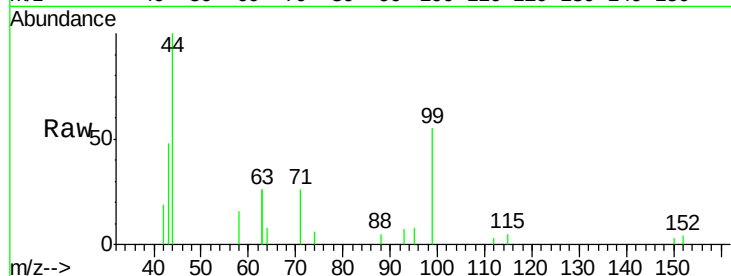
Tot Ion: 99 Resp: 1881

Ion Ratio Lower Upper

99 100

42 31.9 20.2 30.2#

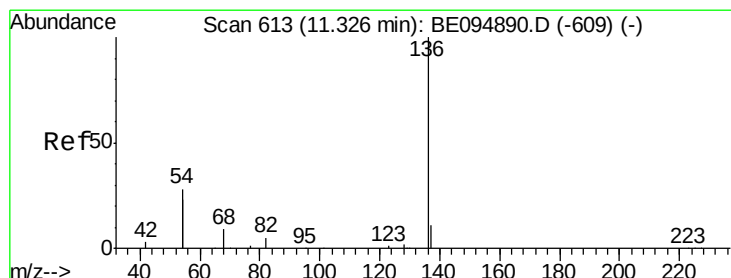
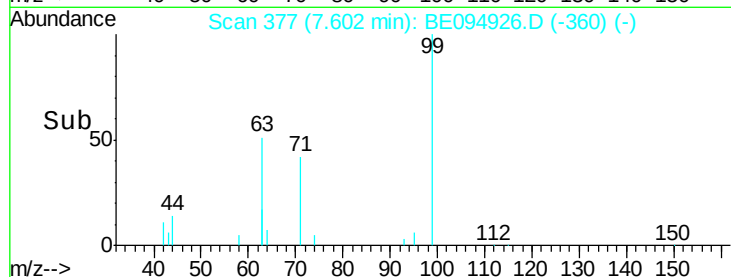
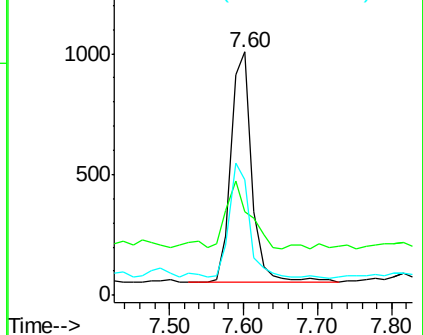
71 46.8 28.4 42.6#



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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Tgt Ion: 136 Resp: 18449

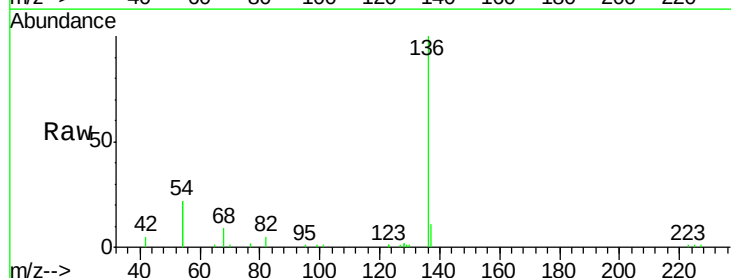
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 44.5 29.1 43.7#

68 9.0 6.2 9.2

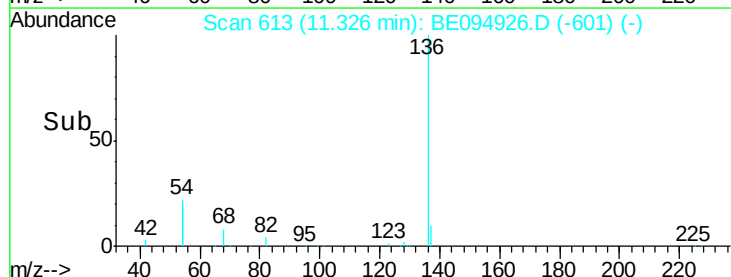
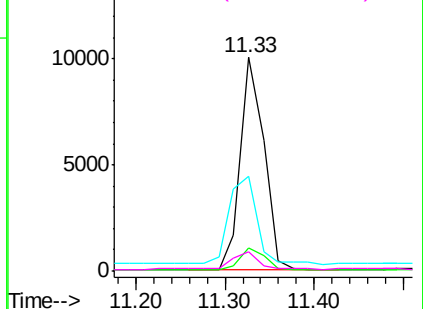


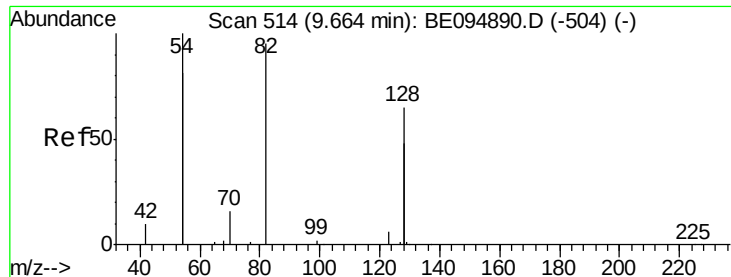
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Instrument :

BNA_E

ClientSampleId :

FT-PZ452S-20171129

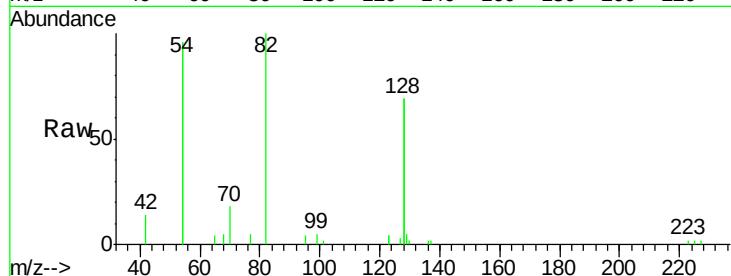
Tot Ion: 82 Resp: 4739

Ion Ratio Lower Upper

82 100

128 137.4 150.0 225.0#

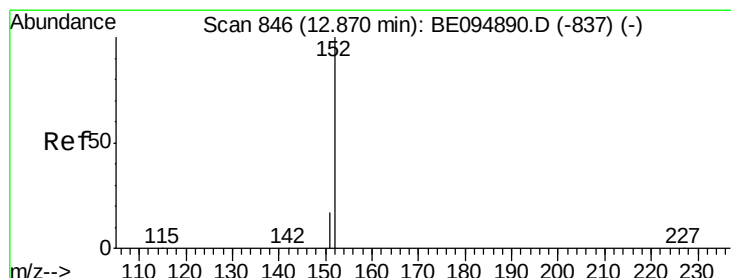
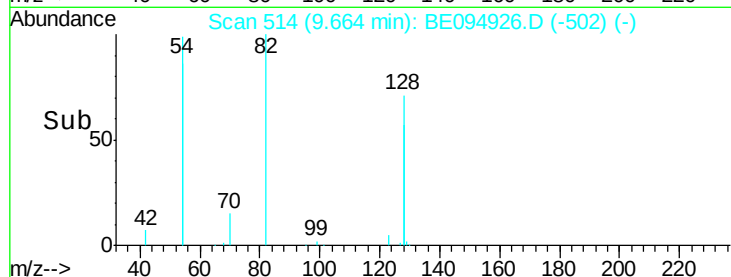
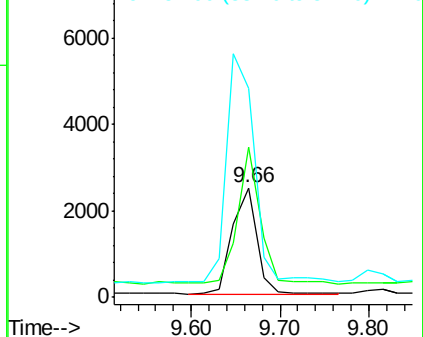
54 191.7 154.2 231.4



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: 0.399 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094926.D

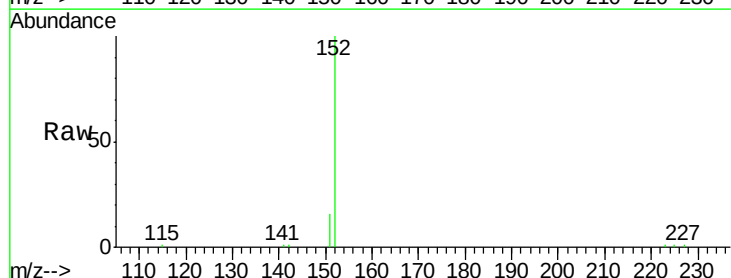
Acq: 5 Dec 2017 22:03

Tgt Ion: 152 Resp: 11760

Ion Ratio Lower Upper

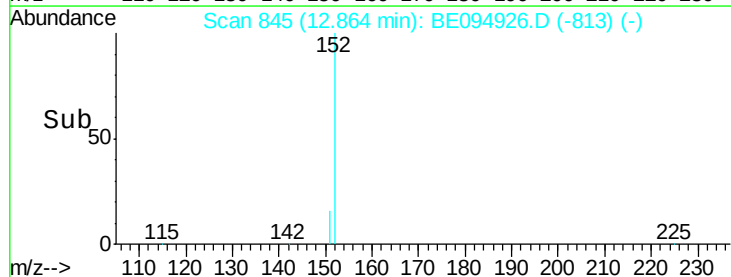
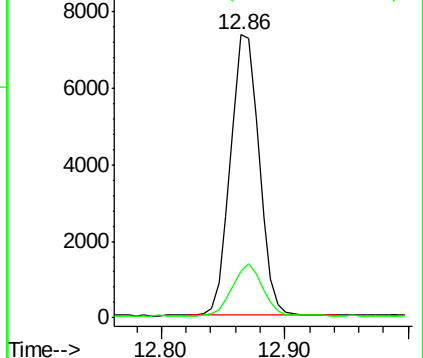
152 100

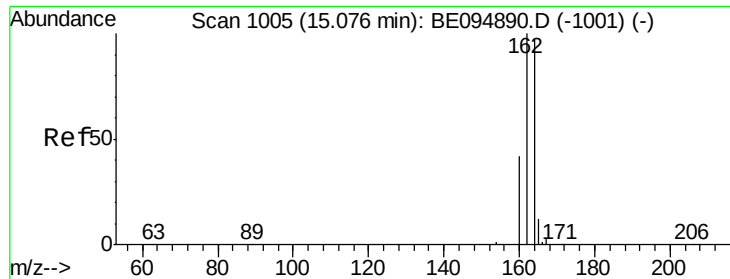
151 19.5 15.4 23.0



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: 15.08 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Instrument :

BNA_E

ClientSampleId :

FT-PZ452S-20171129

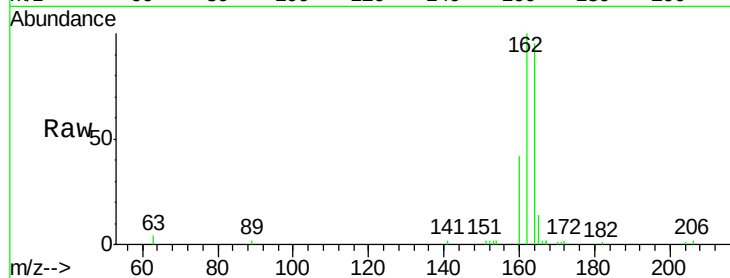
Tot Ion:164 Resp: 11171

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

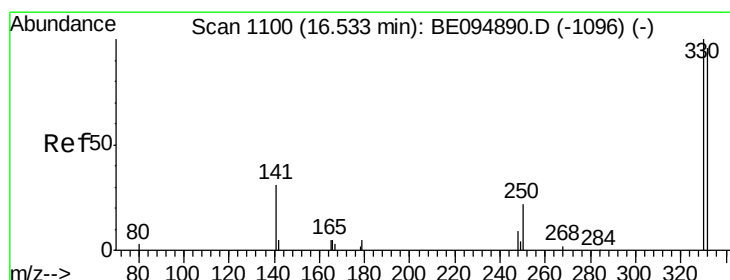
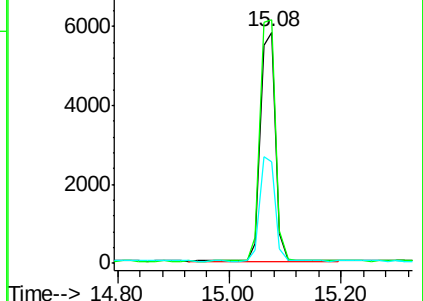
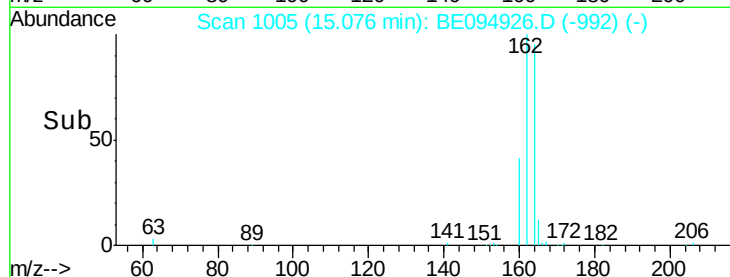
160 43.8 37.1 55.7



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: 0.438 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

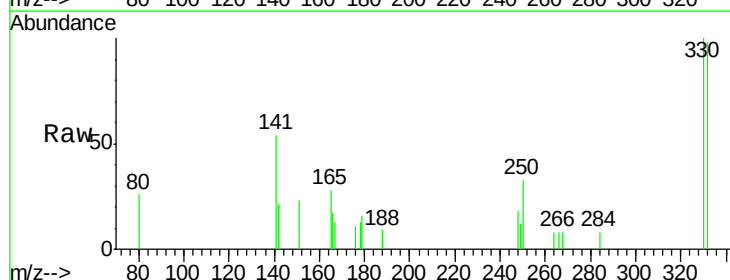
Tgt Ion:330 Resp: 1008

Ion Ratio Lower Upper

330 100

332 102.1 152.7 229.1#

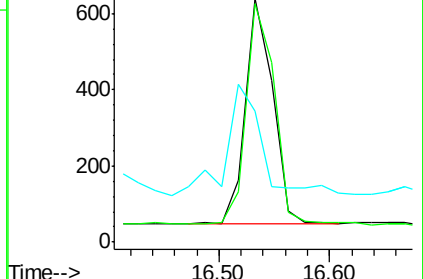
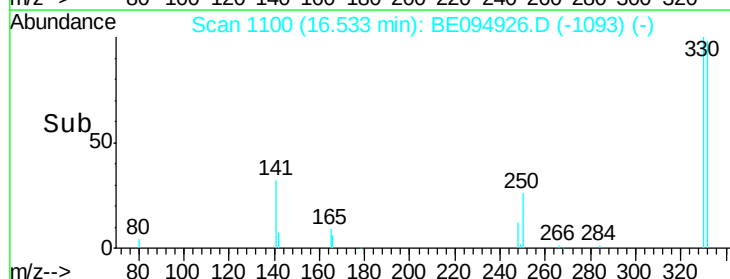
141 65.1 33.7 50.5#

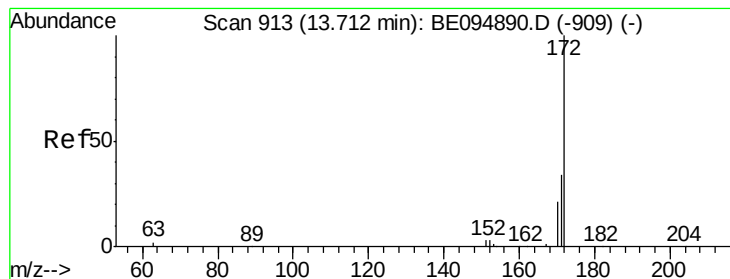


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

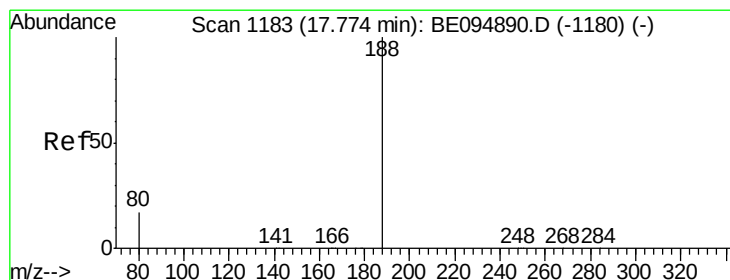
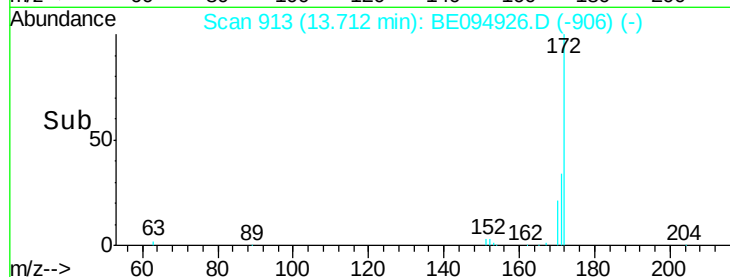
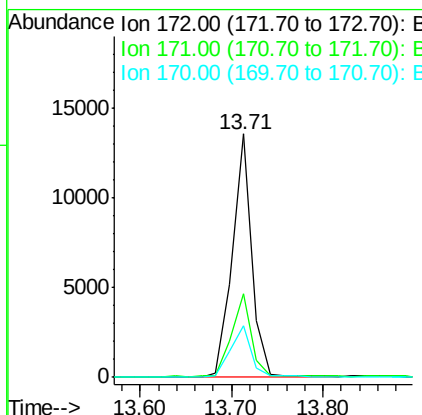
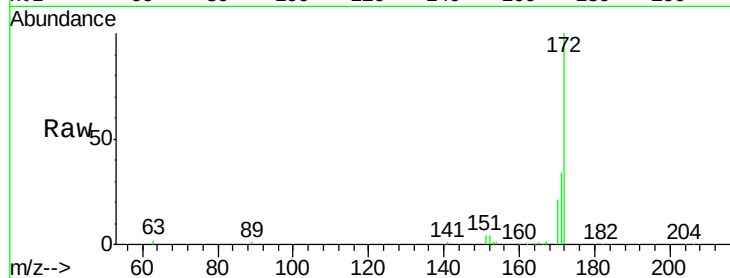




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094926.D
Acq: 5 Dec 2017 22:03

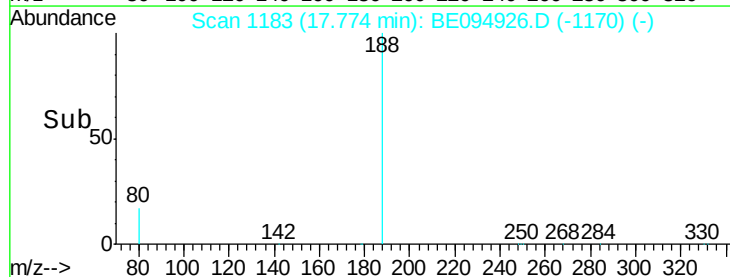
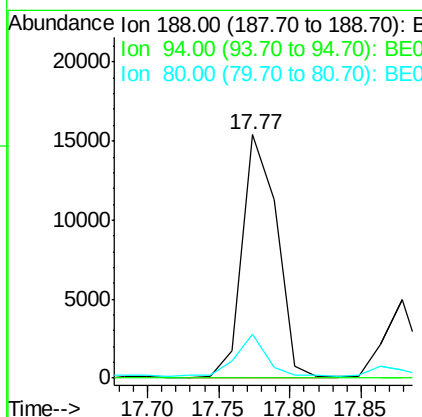
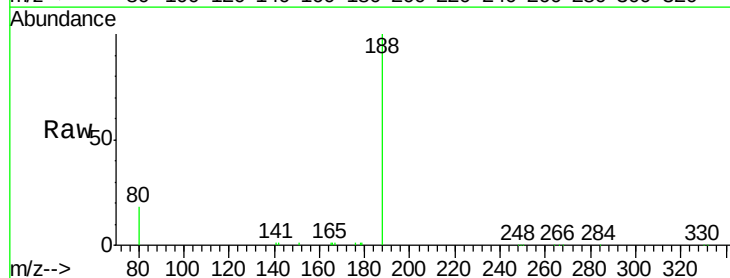
Instrument :
BNA_E
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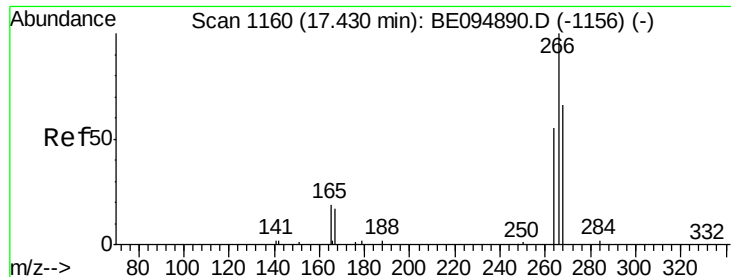
Tot Ion:172 Resp: 19613
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 21.2 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094926.D
Acq: 5 Dec 2017 22:03

Tgt Ion:188 Resp: 26078
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 17.9 3.6 5.4#

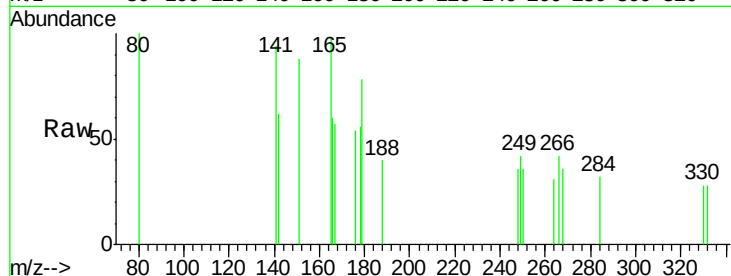




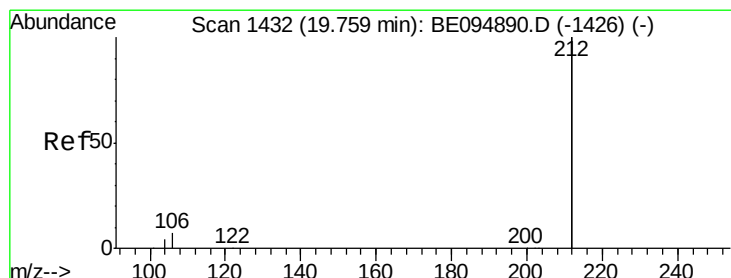
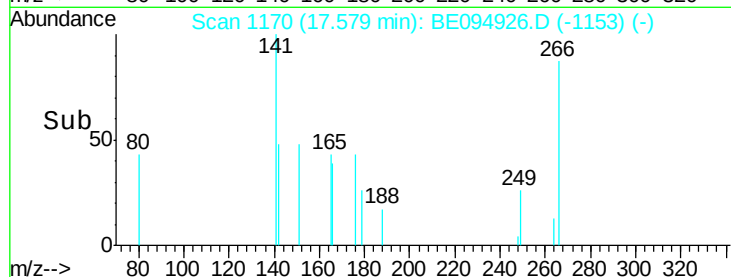
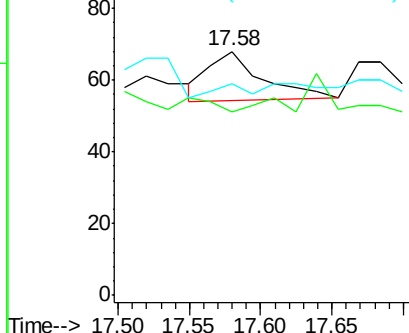
#22
 Pentachlorophenol
 Concen: 0.141 ng
 RT: 17.58 min Scan# 1170
 Delta R.T. 0.15 min
 Lab File: BE094926.D
 Acq: 5 Dec 2017 22:03

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ452S-20171129

Tot Ion:266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 75.0 72.5 108.7
 268 86.8 73.8 110.6

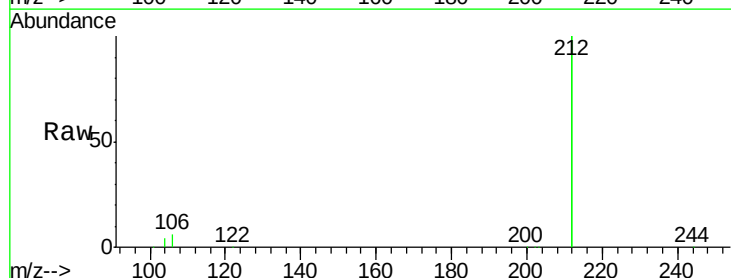


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

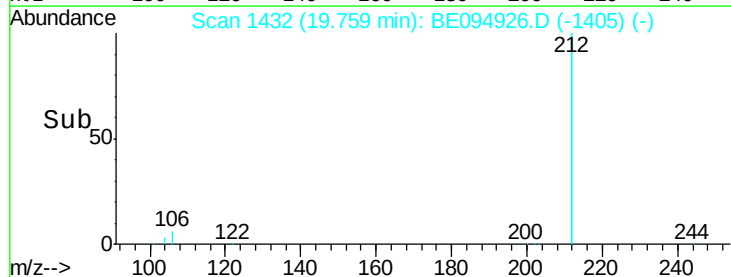
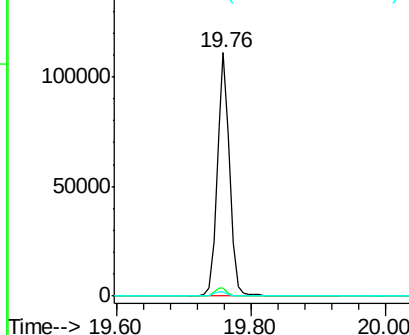


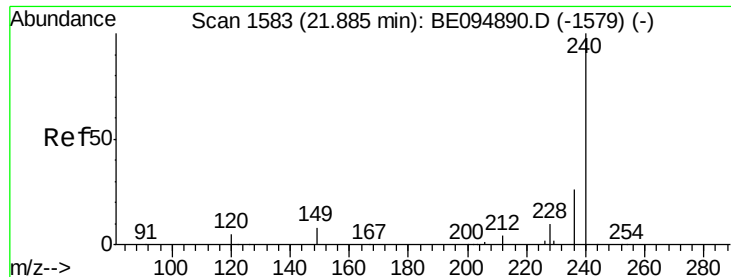
#25
 Fluoranthene-d10
 Concen: 0.400 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094926.D
 Acq: 5 Dec 2017 22:03

Tgt Ion:212 Resp: 142711
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 2.0 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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

Instrument :

BNA_E

ClientSampleId :

FT-PZ452S-20171129

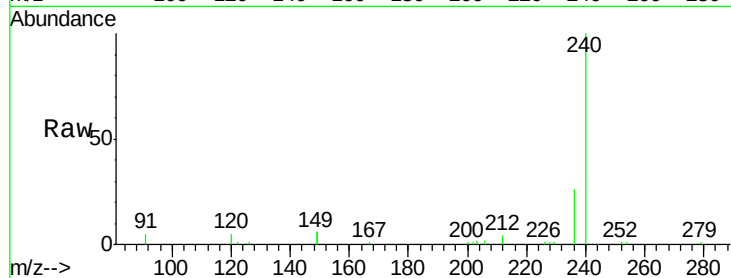
Tot Ion:240 Resp: 28439

Ion Ratio Lower Upper

240 100

120 5.0 5.5 8.3#

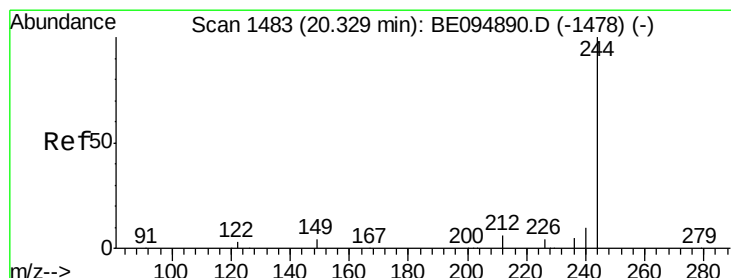
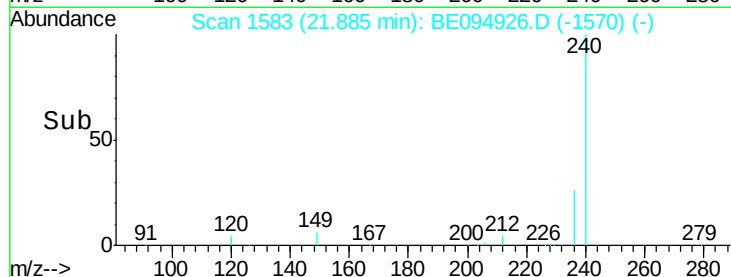
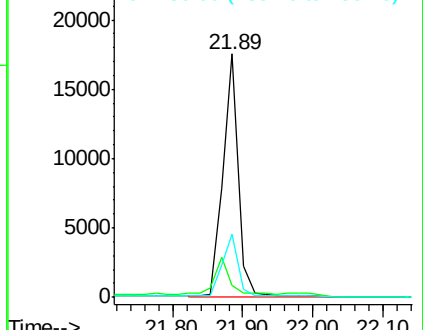
236 26.2 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.532 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094926.D

Acq: 5 Dec 2017 22:03

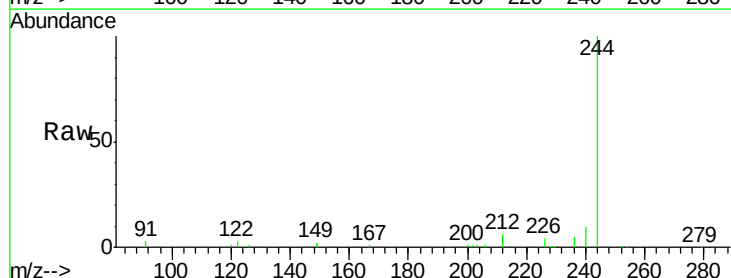
Tgt Ion:244 Resp: 27948

Ion Ratio Lower Upper

244 100

212 6.1 25.4 38.0#

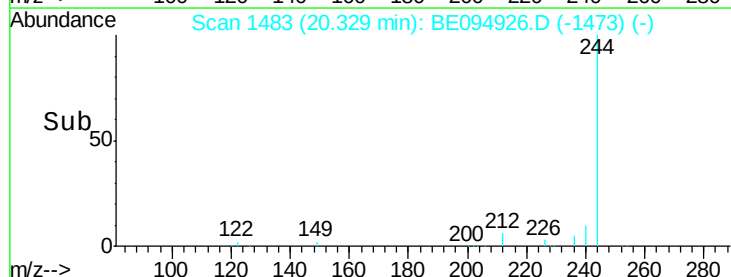
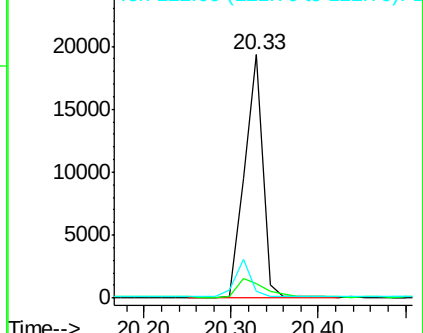
122 3.1 8.1 12.1#

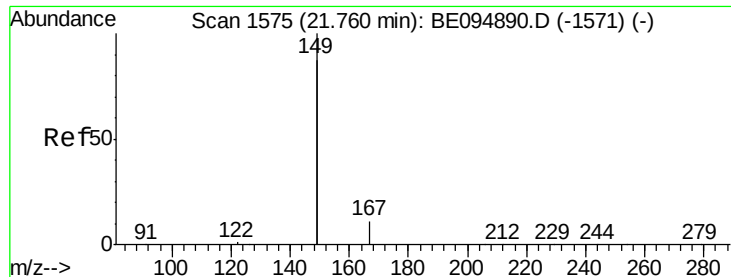


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

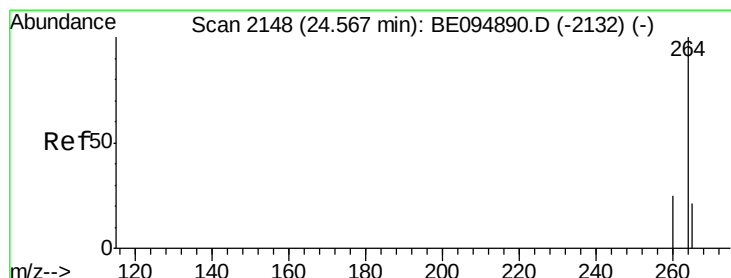
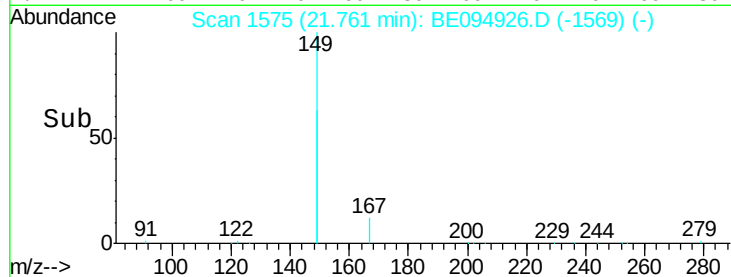
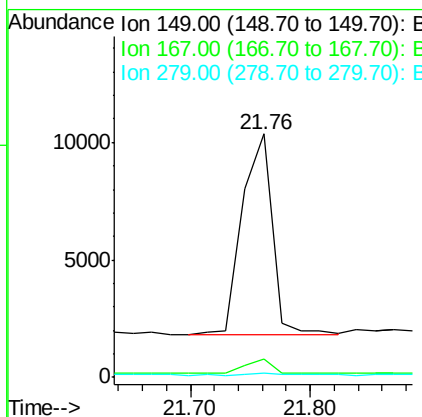
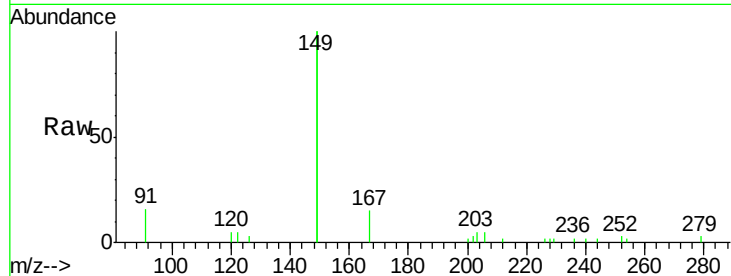




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.76 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BE094926.D
 Acq: 5 Dec 2017 22:03

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ452S-20171129

Tot Ion:149 Resp: 14671
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BE094926.D
 Acq: 5 Dec 2017 22:03

Tgt Ion:264 Resp: 22364
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 29.8 22.8 34.2

