

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094921.D
 Acq On : 5 Dec 2017 19:04
 Operator : SJ/JU
 Sample : I6698-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP01-20171129

Quant Time: Dec 06 04:03:57 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

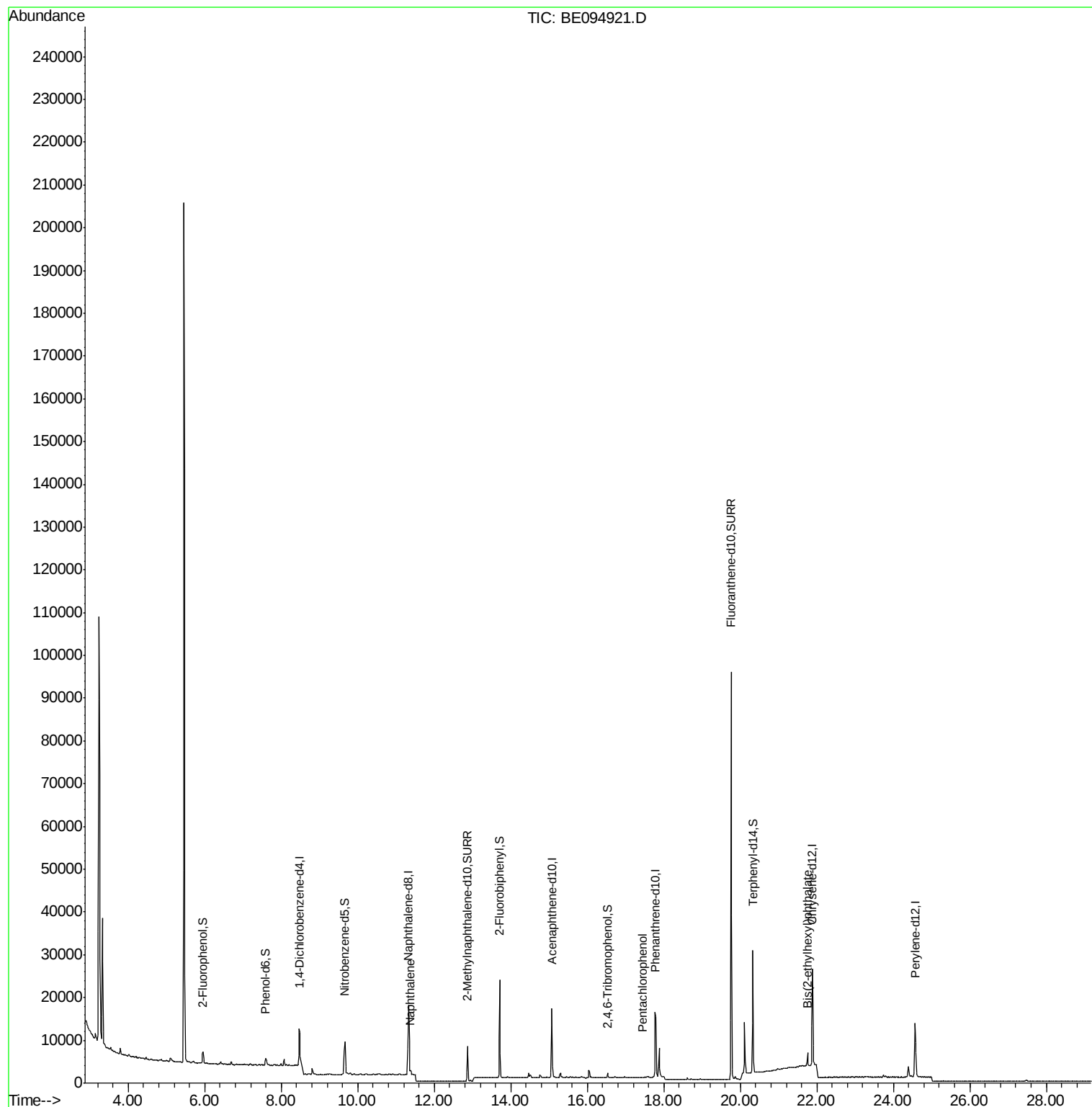
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8274	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17971	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	10402	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	25191	0.40	ng	0.01
27) Chrysene-d12	21.89	240	25411	0.40	ng	0.00
34) Perylene-d12	24.57	264	19964	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	1529	0.12	ng	0.00
5) Phenol-d6	7.59	99	1500	0.08	ng	0.00
8) Nitrobenzene-d5	9.66	82	3271	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	10926	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	583	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19705	0.44	ng	0.00
25) Fluoranthene-d10	19.76	212	126032	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	27733	0.59	ng	0.00
Target Compounds						
9) Naphthalene	11.38	128	4477	0.021	ng	Qvalue # 86
22) Pentachlorophenol	17.43	266	23	0.138	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.76	149	3965	0.031	ng	# 96

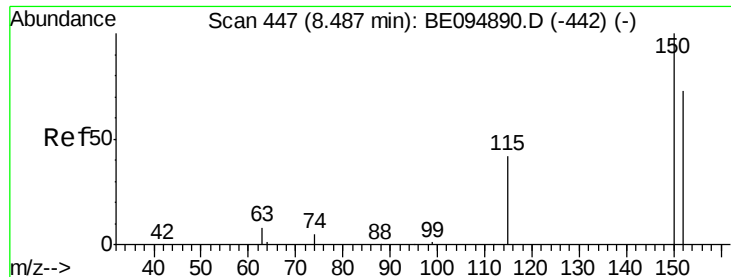
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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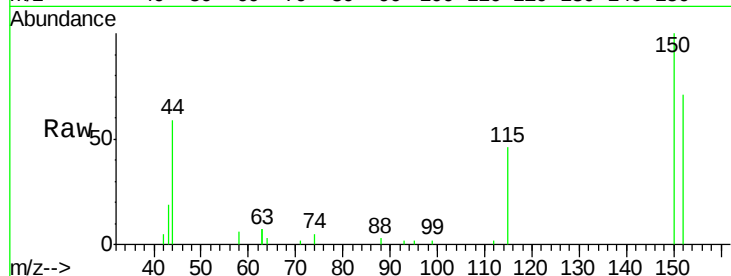


#1

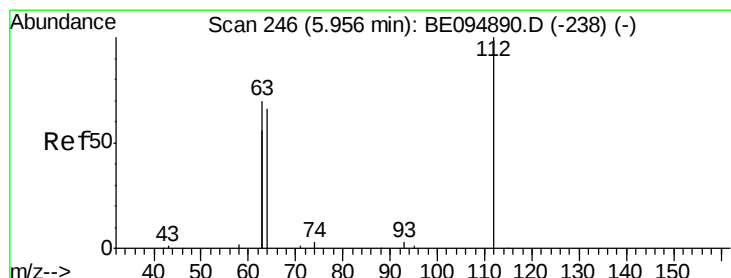
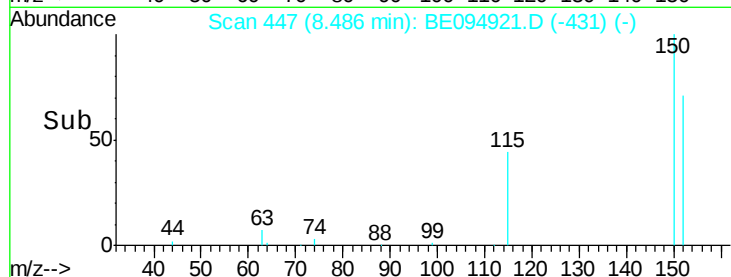
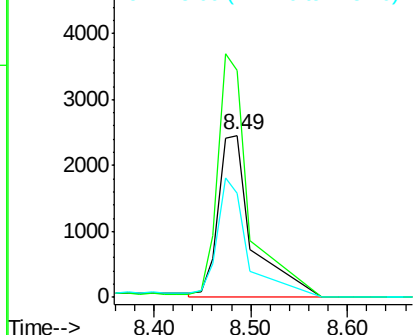
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

Instrument :
BNA_E
ClientSampleId :
FT-DUP01-20171129

Tot Ion:152 Resp: 8274
Ion Ratio Lower Upper
152 100
150 140.2 117.2 175.8
115 64.3 57.0 85.6



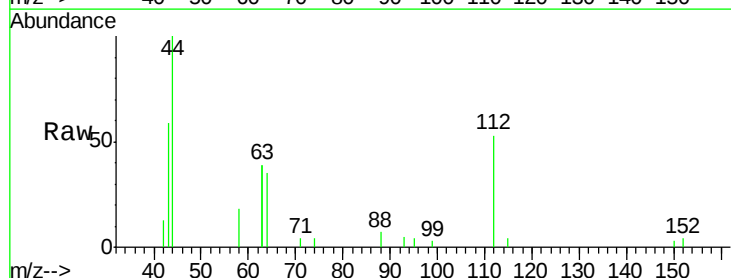
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



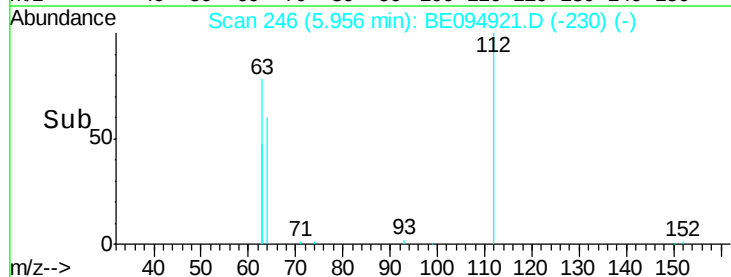
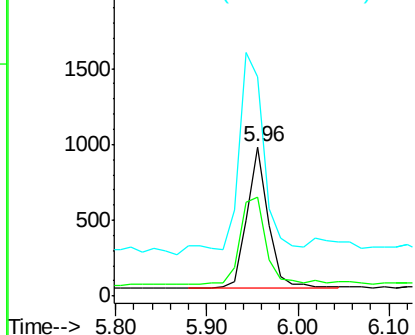
#4

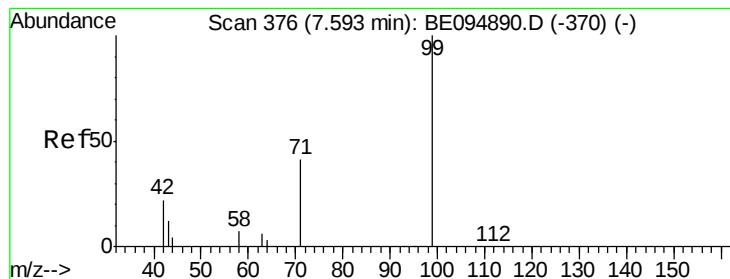
2-Fluorophenol
Concen: 0.117 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

Tgt Ion:112 Resp: 1529
Ion Ratio Lower Upper
112 100
64 74.0 60.1 90.1
63 175.0 116.8 175.2



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: 0.077 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

BNA_E

ClientSampleId :

FT-DUP01-20171129

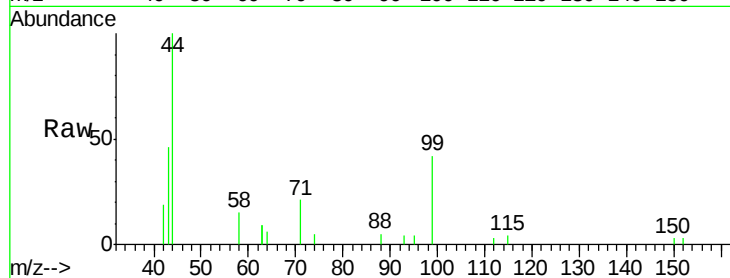
Tot Ion: 99 Resp: 1500

Ion Ratio Lower Upper

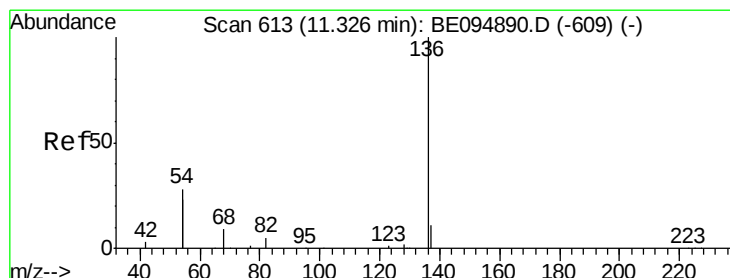
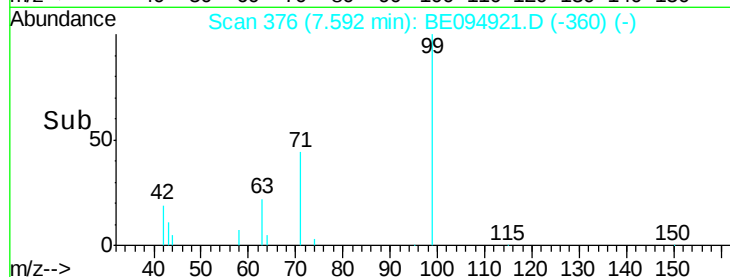
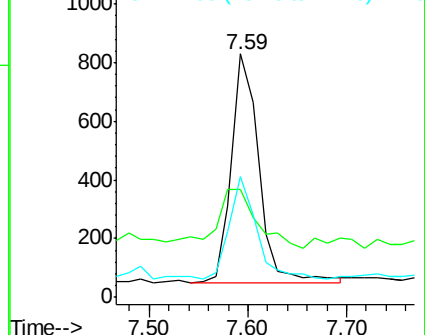
99 100

42 39.0 20.2 30.2#

71 44.1 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: BE094921.D

Acq: 5 Dec 2017 19:04

Tgt Ion: 136 Resp: 17971

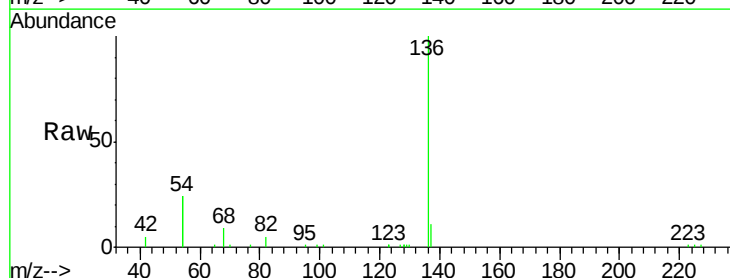
Ion Ratio Lower Upper

136 100

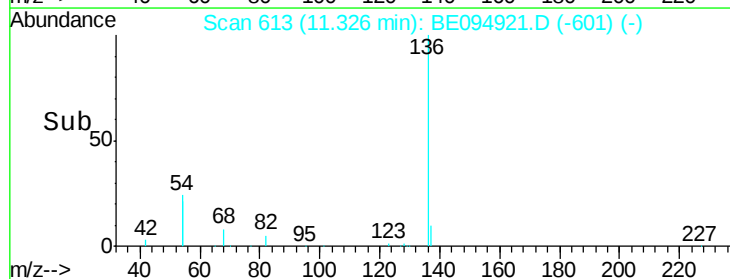
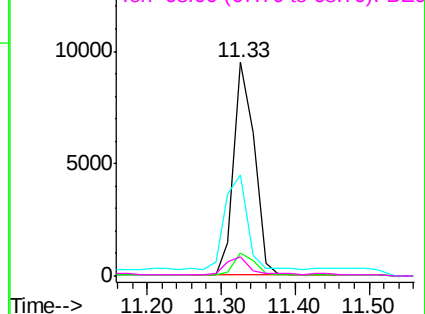
137 10.9 9.5 14.3

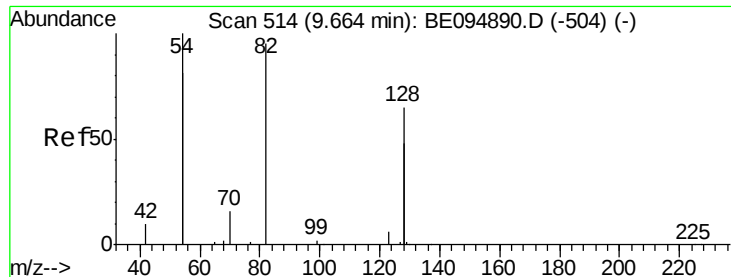
54 47.4 29.1 43.7#

68 9.2 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: 0.307 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

BNA_E

ClientSampleId :

FT-DUP01-20171129

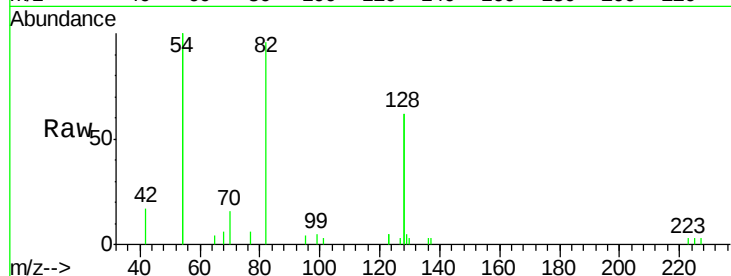
Tot Ion: 82 Resp: 3271

Ion Ratio Lower Upper

82 100

128 130.6 150.0 225.0#

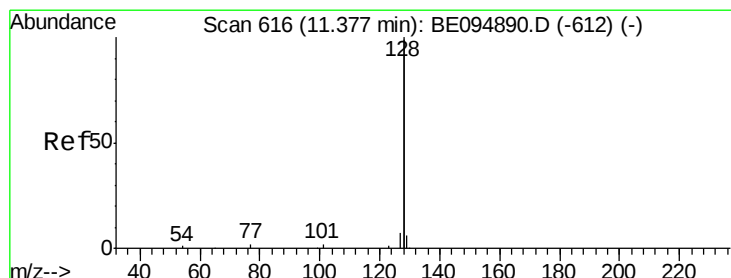
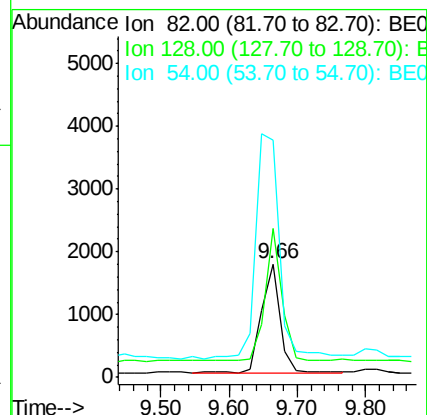
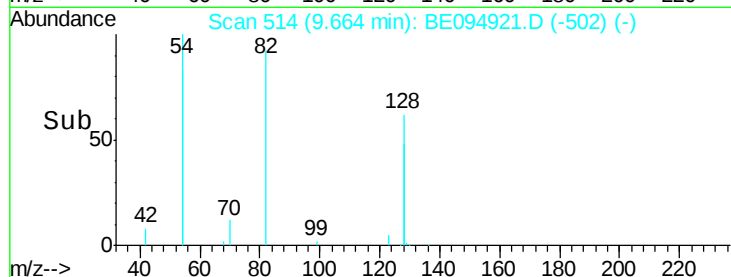
54 209.3 154.2 231.4



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



#9

Naphthalene

Concen: 0.021 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

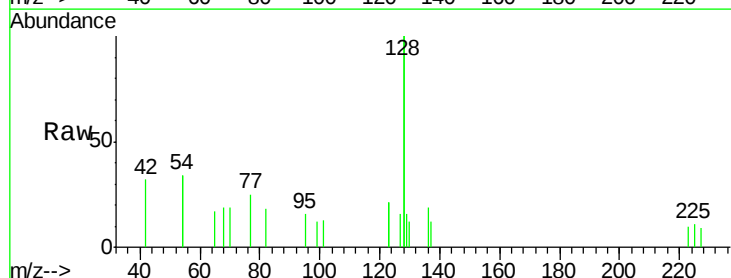
Tgt Ion: 128 Resp: 4477

Ion Ratio Lower Upper

128 100

129 7.9 2.6 3.8#

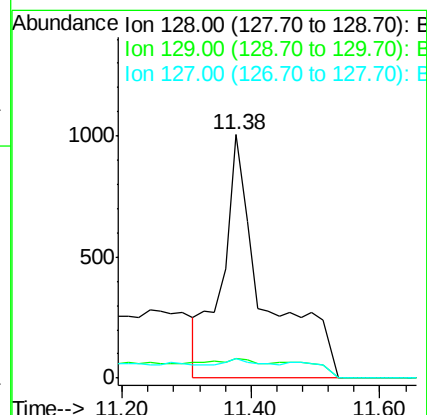
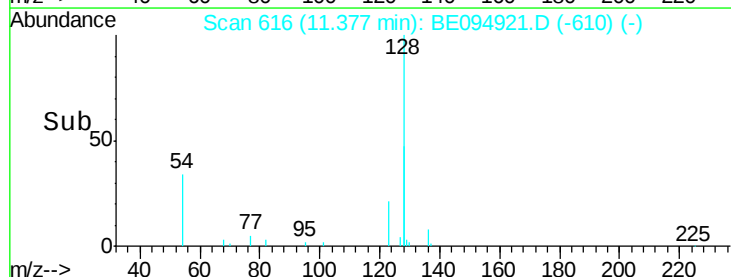
127 8.1 2.8 4.2#

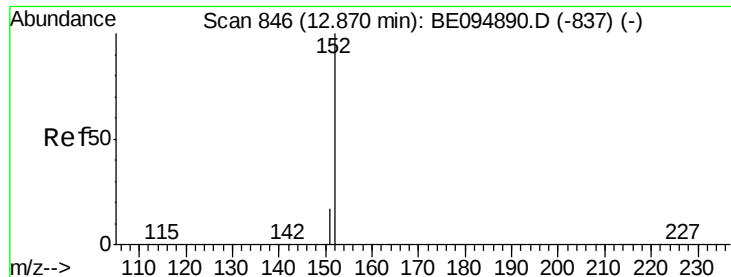


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

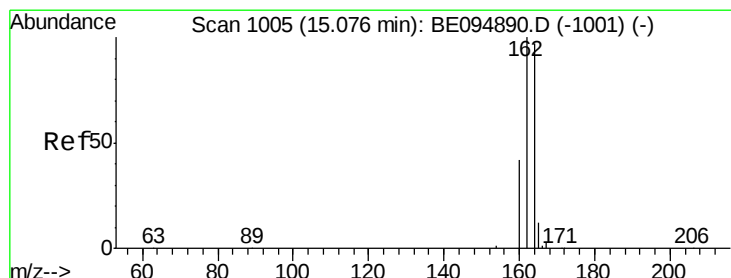
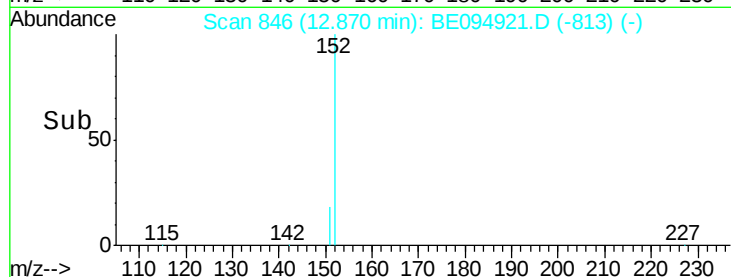
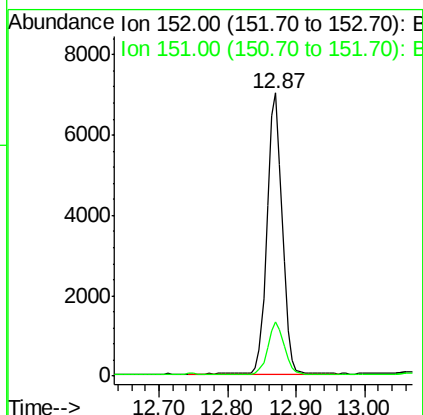
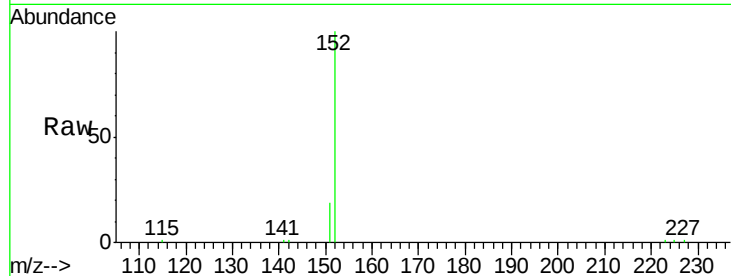




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

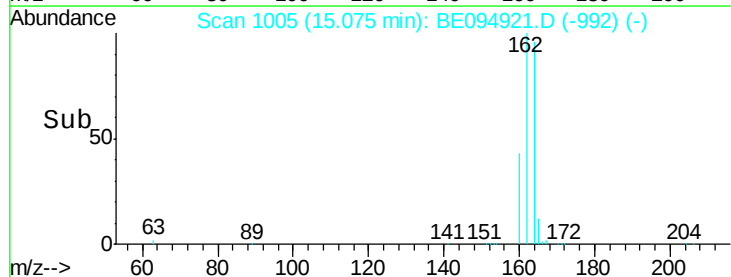
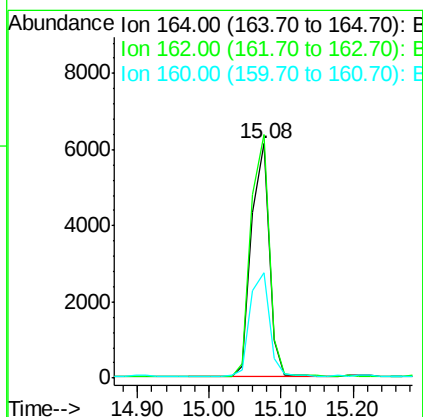
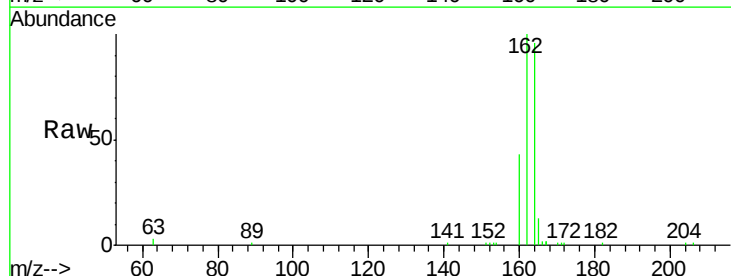
Instrument :
BNA_E
ClientSampleId :
FT-DUP01-20171129

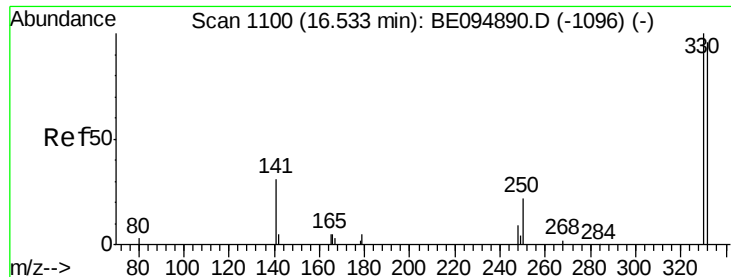
Tot Ion:152 Resp: 10926
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

Tgt Ion:164 Resp: 10402
Ion Ratio Lower Upper
164 100
162 103.9 83.1 124.7
160 45.1 37.1 55.7

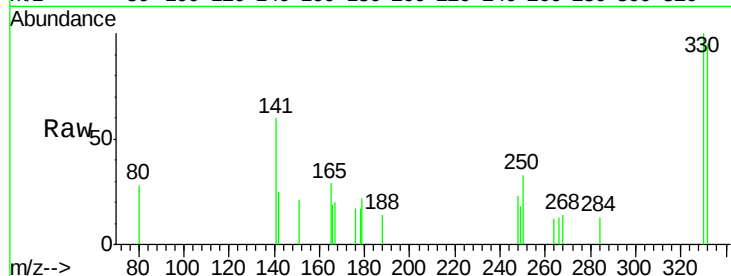




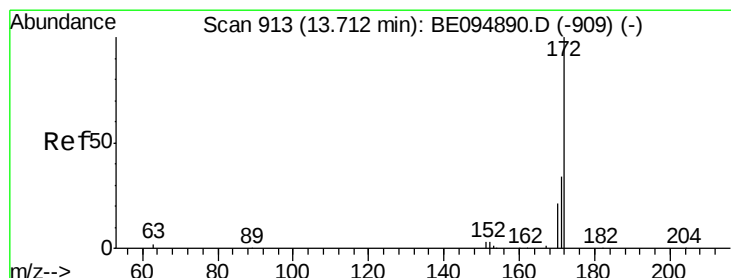
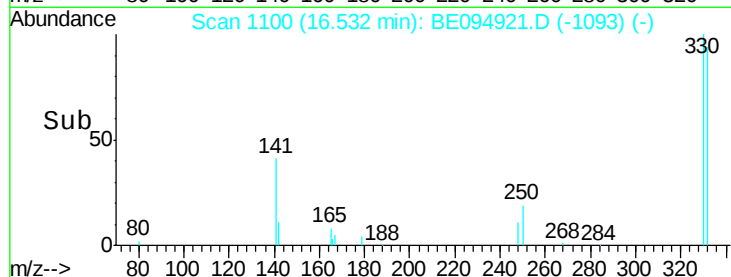
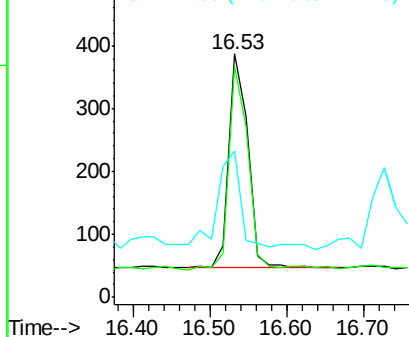
#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

Instrument :
BNA_E
ClientSampleId :
FT-DUP01-20171129

Tot Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 94.9 152.7 229.1#
141 51.3 33.7 50.5#

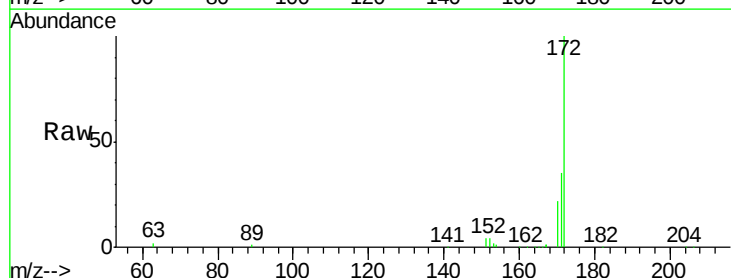


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

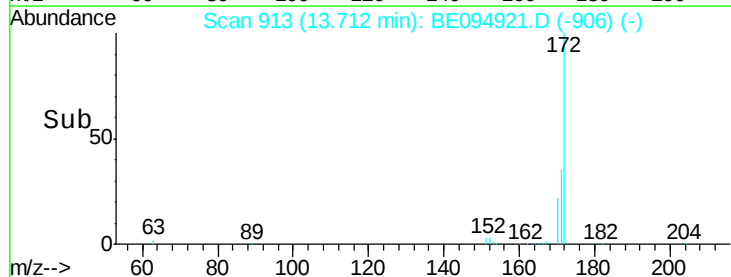
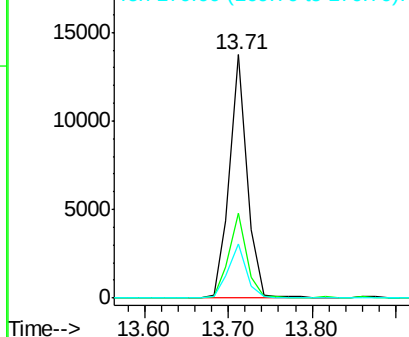


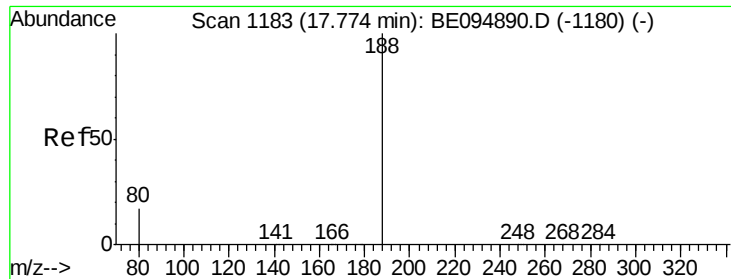
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094921.D
Acq: 5 Dec 2017 19:04

Tgt Ion:172 Resp: 19705
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 22.4 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: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

BNA_E

ClientSampleId :

FT-DUP01-20171129

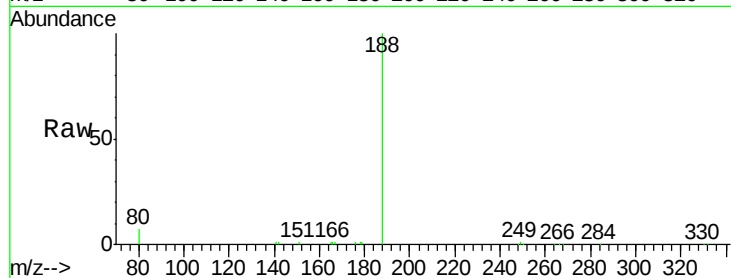
Tot Ion:188 Resp: 25191

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

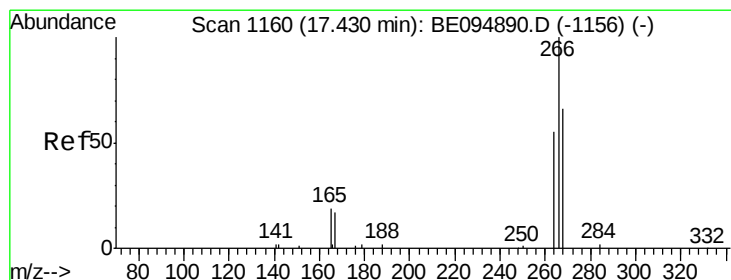
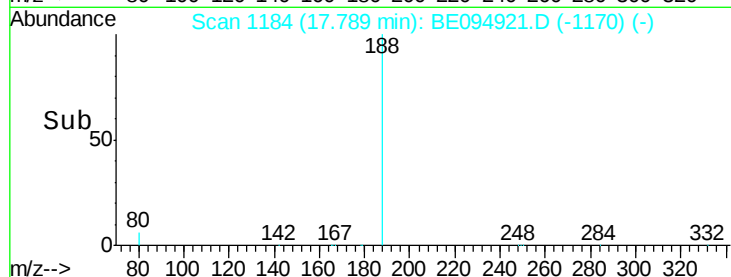
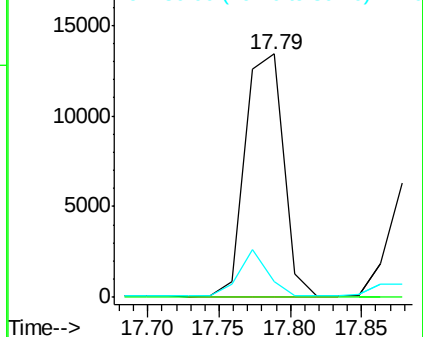
80 6.6 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.138 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

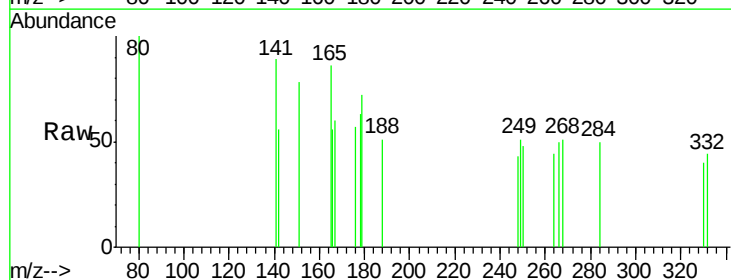
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 87.9 72.5 108.7

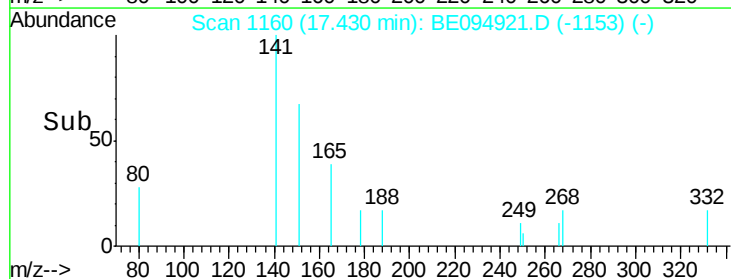
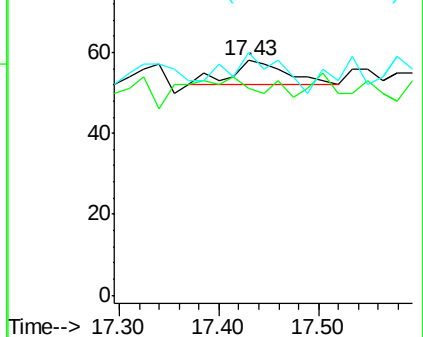
268 103.4 73.8 110.6

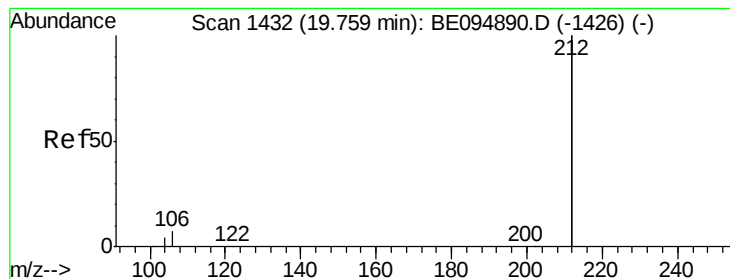


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

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FT-DUP01-20171129

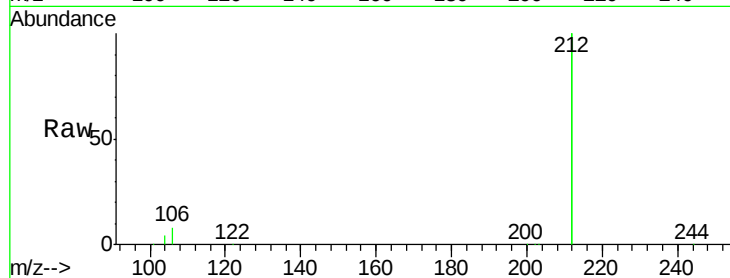
Tot Ion:212 Resp: 126032

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

104 2.1 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

120000

100000

80000

60000

40000

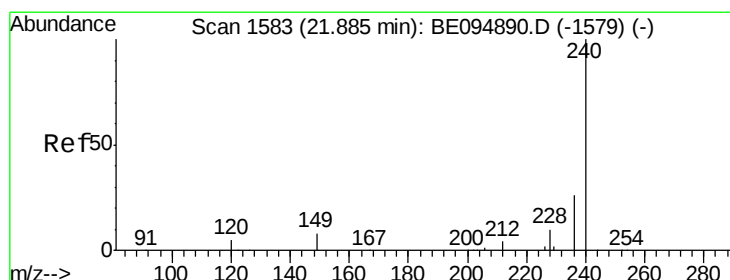
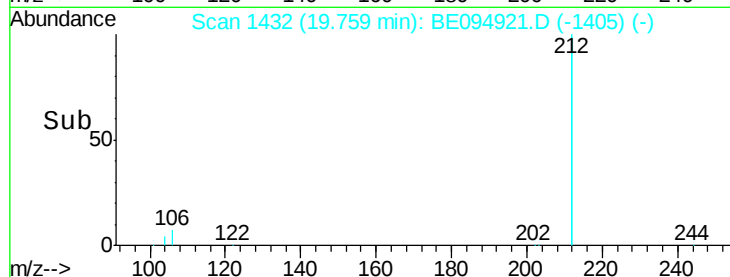
20000

0

19.76

19.70 19.80 19.90

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

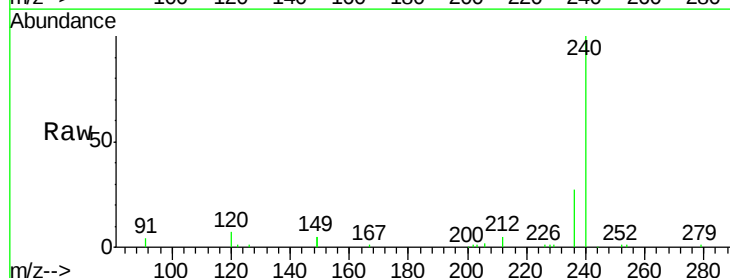
Tgt Ion:240 Resp: 25411

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

236 27.0 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

20000

15000

10000

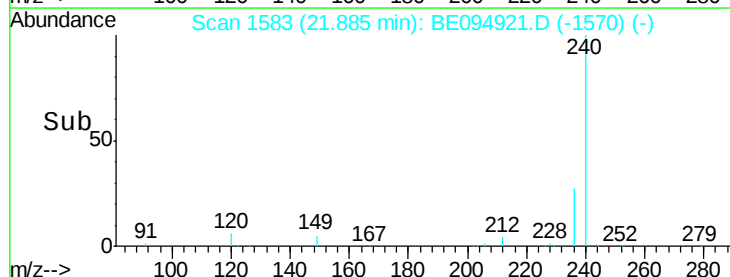
5000

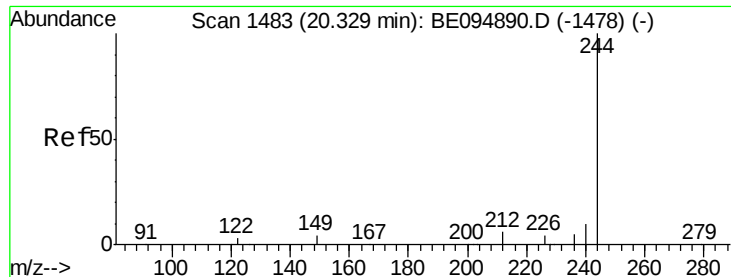
0

21.89

21.80 21.90 22.00 22.10

Time-->





#29

Terphenyl-d14

Concen: 0.591 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

BNA_E

ClientSampleId :

FT-DUP01-20171129

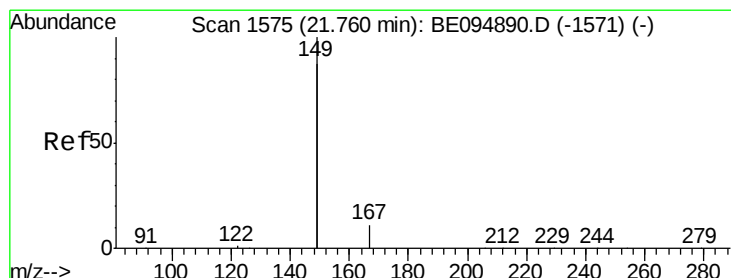
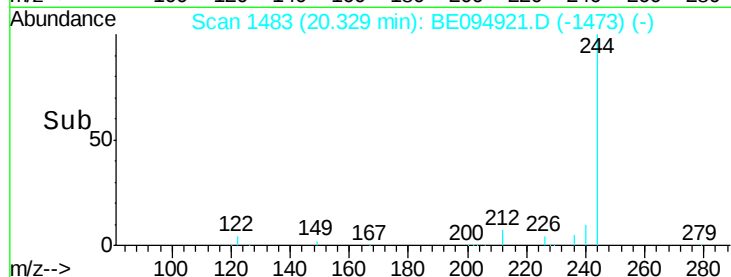
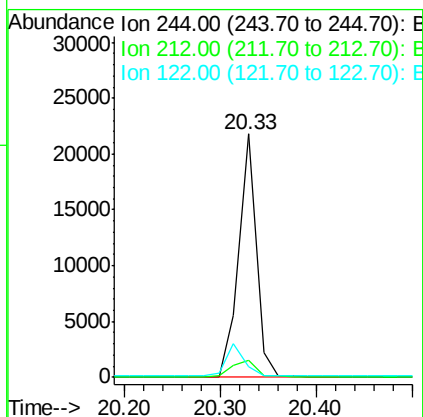
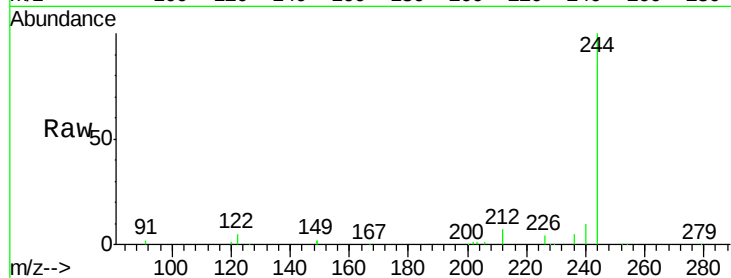
Tot Ion:244 Resp: 27733

Ion Ratio Lower Upper

244 100

212 7.1 25.4 38.0#

122 4.6 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

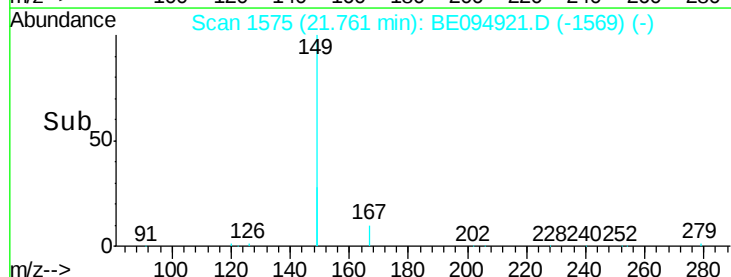
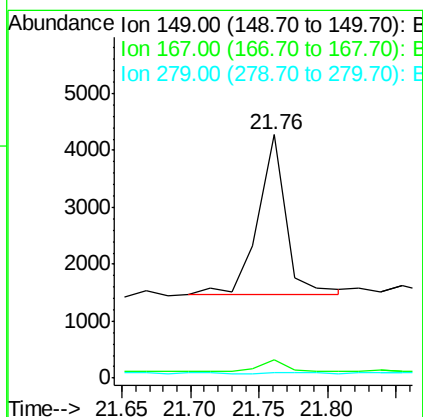
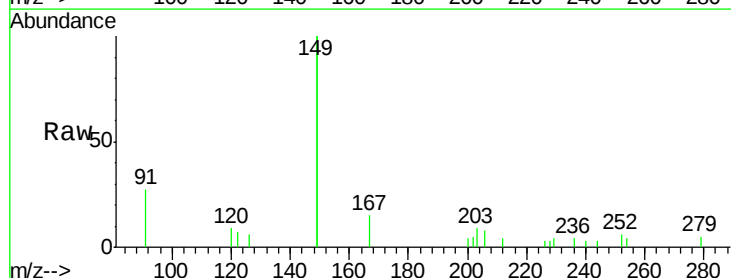
Tgt Ion:149 Resp: 3965

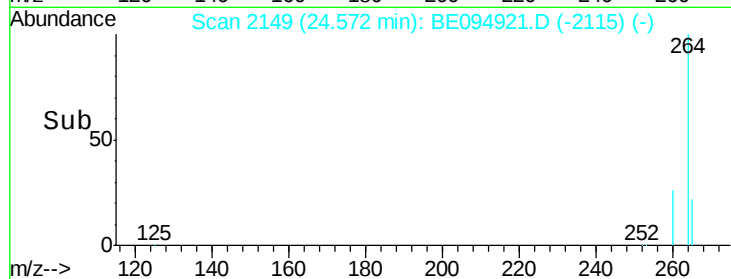
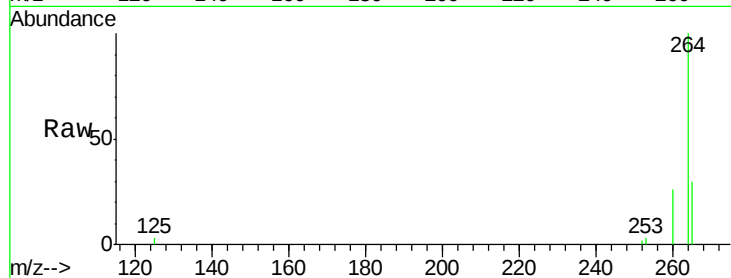
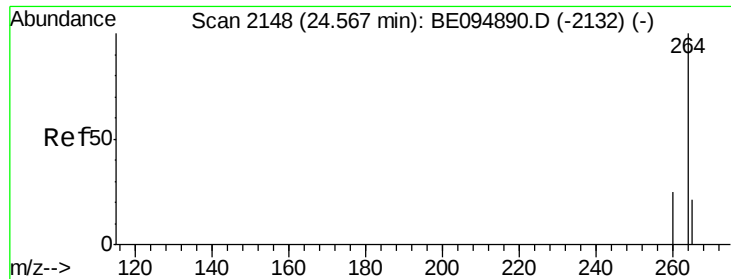
Ion Ratio Lower Upper

149 100

167 8.3 5.4 8.0#

279 1.2 0.7 1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.57 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE094921.D

Acq: 5 Dec 2017 19:04

Instrument :

BNA_E

ClientSampleId :

FT-DUP01-20171129

Tot Ion: 264 Resp: 19964

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 29.6 22.8 34.2

