

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094922.D
 Acq On : 5 Dec 2017 19:40
 Operator : SJ/JU
 Sample : I6698-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW08I-20171129

Quant Time: Dec 06 04:04:13 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

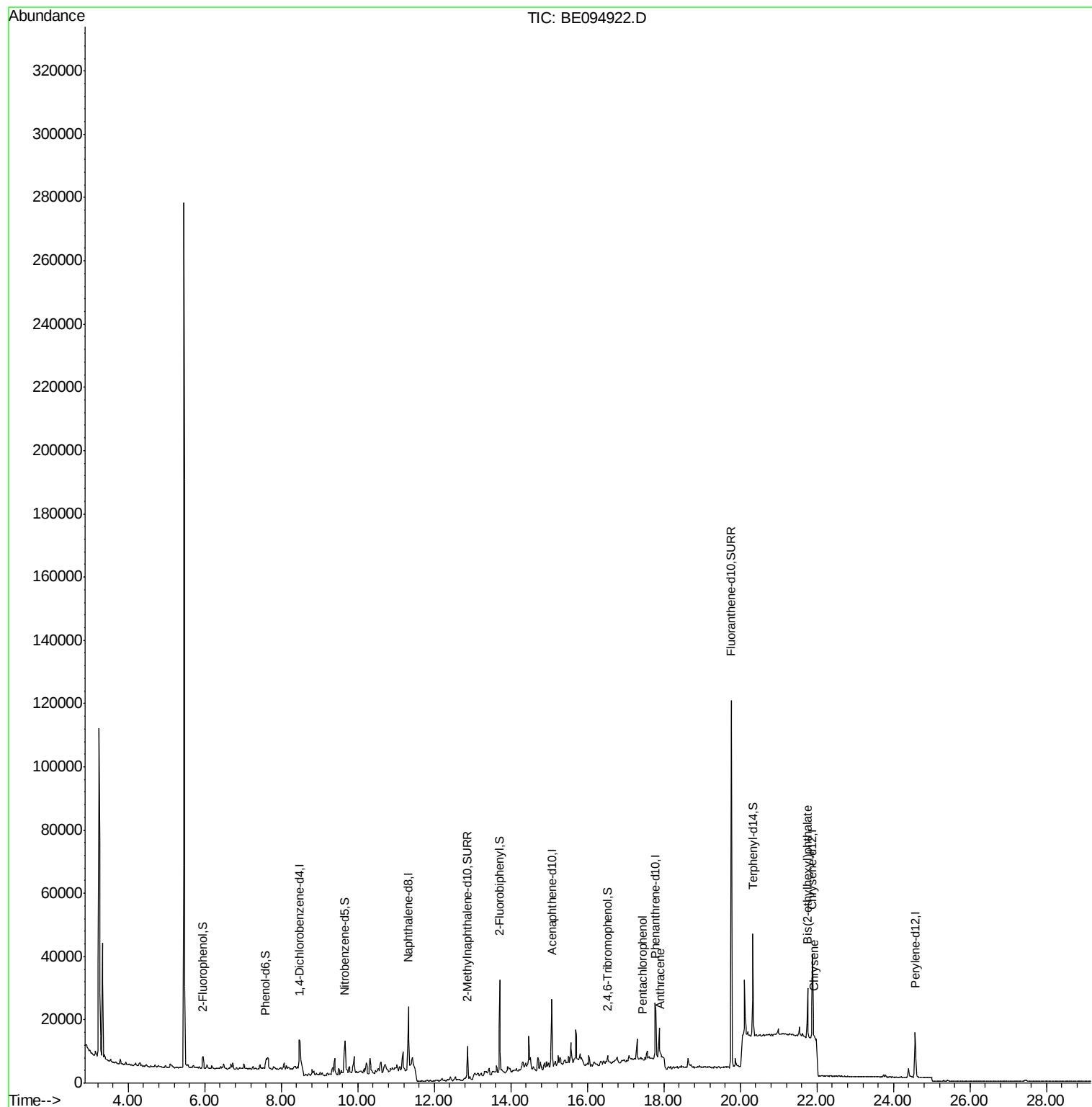
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	9118	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	21022	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	13204	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	28788	0.40	ng	0.00
27) Chrysene-d12	21.89	240	29947	0.40	ng	0.00
34) Perylene-d12	24.57	264	23031	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	2107	0.15	ng	0.00
5) Phenol-d6	7.59	99	2123	0.10	ng	0.00
8) Nitrobenzene-d5	9.66	82	4478	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	14296	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1240	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	24855	0.44	ng	0.00
25) Fluoranthene-d10	19.76	212	154972	0.39	ng	0.00
29) Terphenyl-d14	20.33	244	30645	0.55	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.43	266	30	0.139	ng	Qvalue 97
24) Anthracene	17.91	178	2153	0.022	ng	# 62
31) Chrysene	21.92	228	2656	0.026	ng	92
32) Bis(2-ethylhexyl)phthalate	21.76	149	19518	0.128	ng	# 96

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

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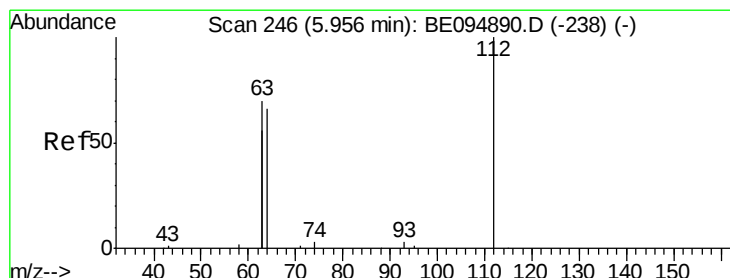
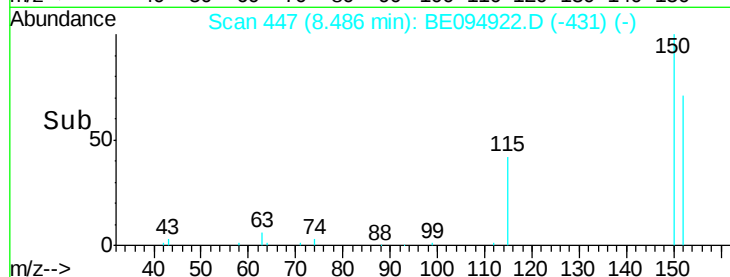
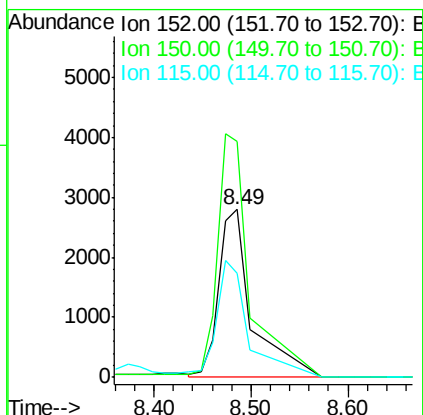
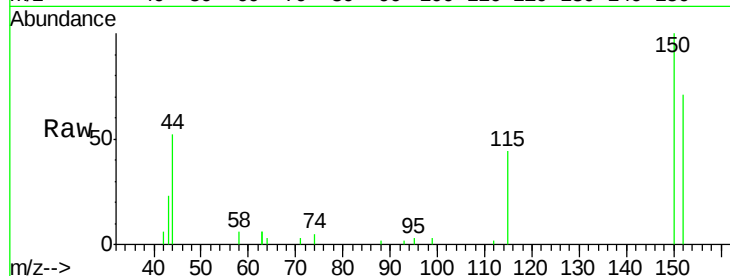


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094922.D
Acq: 5 Dec 2017 19:40

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129

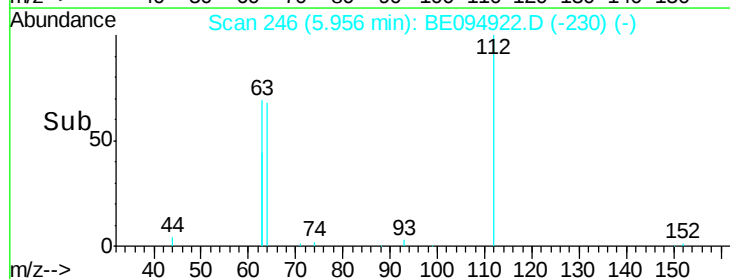
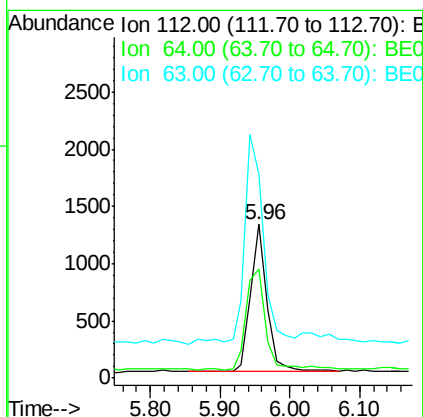
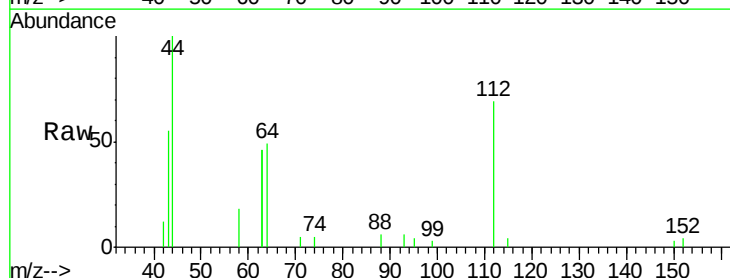
Tot Ion:152 Resp: 9118
Ion Ratio Lower Upper
152 100
150 140.6 117.2 175.8
115 61.7 57.0 85.6

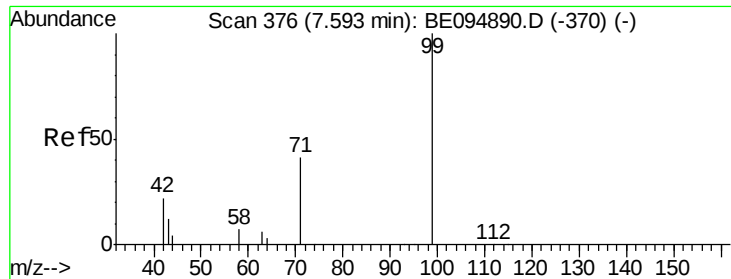


#4

2-Fluorophenol
Concen: 0.146 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094922.D
Acq: 5 Dec 2017 19:40

Tgt Ion:112 Resp: 2107
Ion Ratio Lower Upper
112 100
64 81.5 60.1 90.1
63 155.9 116.8 175.2





#5

Phenol-d6

Concen: 0.099 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094922.D

Acq: 5 Dec 2017 19:40

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129

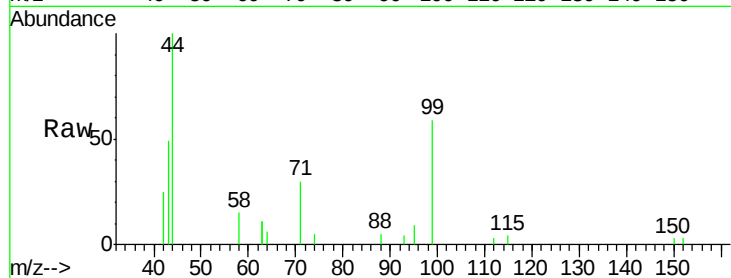
Tot Ion: 99 Resp: 2123

Ion Ratio Lower Upper

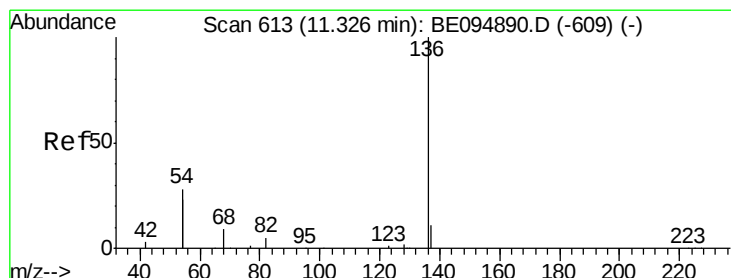
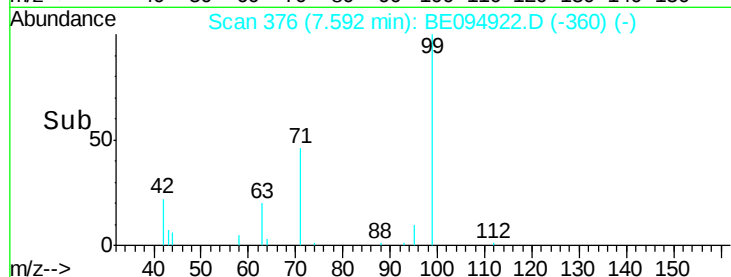
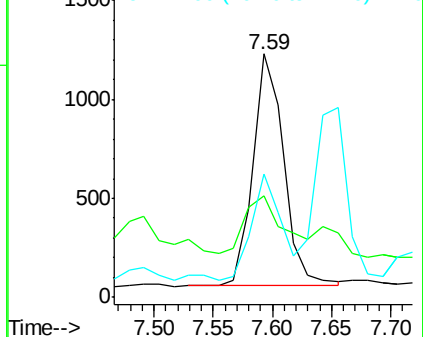
99 100

42 31.0 20.2 30.2#

71 44.3 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: BE094922.D

Acq: 5 Dec 2017 19:40

Tgt Ion: 136 Resp: 21022

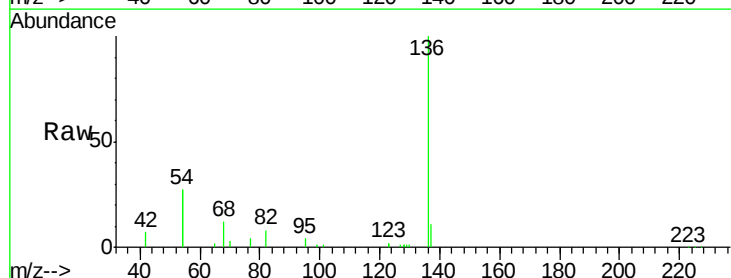
Ion Ratio Lower Upper

136 100

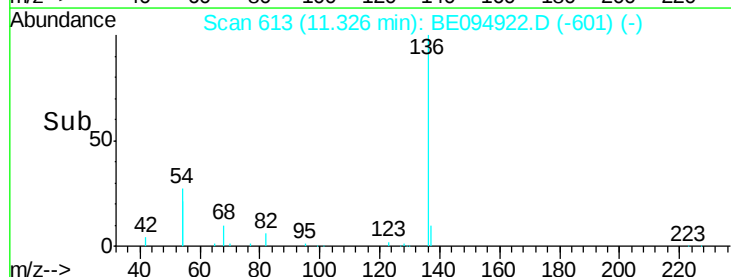
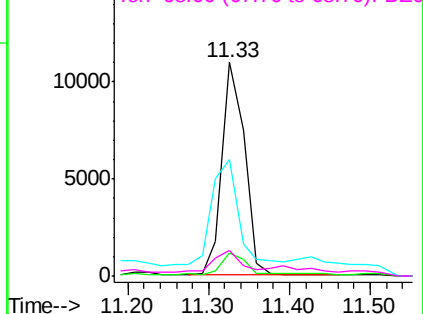
137 11.0 9.5 14.3

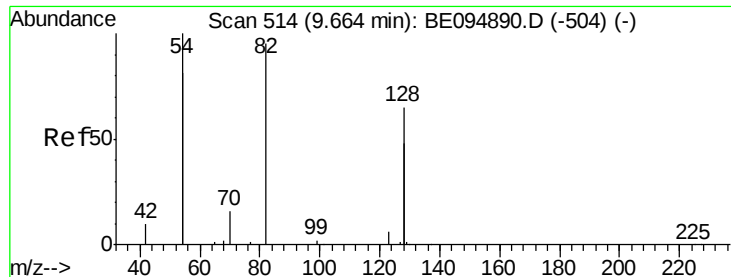
54 54.4 29.1 43.7#

68 11.7 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: 0.360 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094922.D

Acq: 5 Dec 2017 19:40

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129

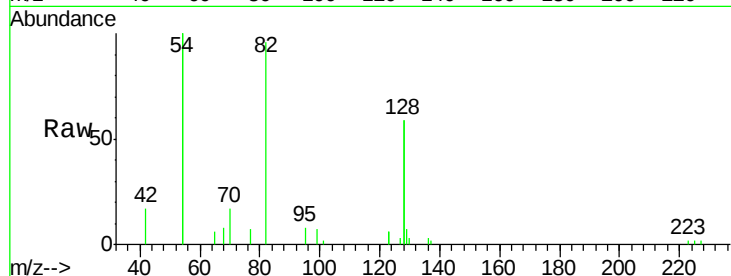
Tot Ion: 82 Resp: 4478

Ion Ratio Lower Upper

82 100

128 122.3 150.0 225.0#

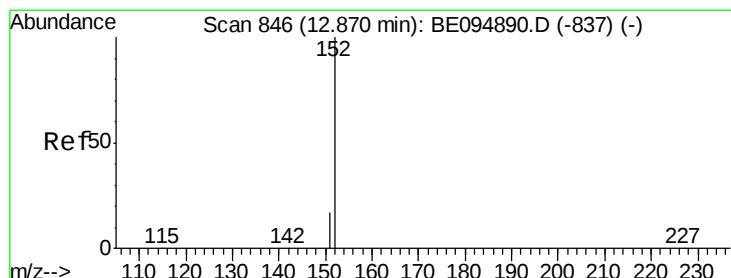
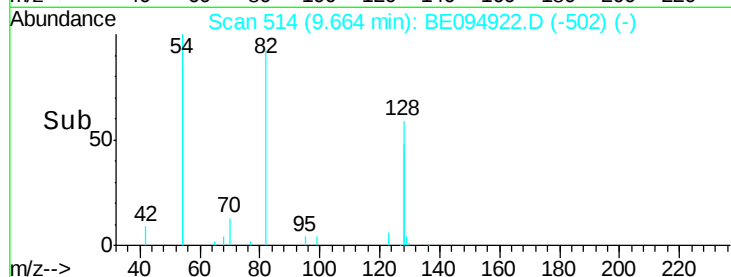
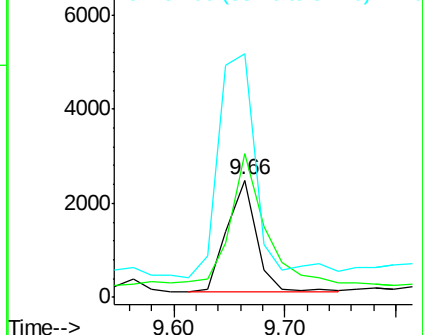
54 207.5 154.2 231.4



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: 0.426 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094922.D

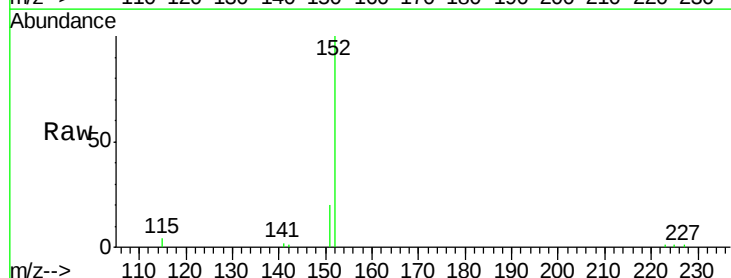
Acq: 5 Dec 2017 19:40

Tgt Ion: 152 Resp: 14296

Ion Ratio Lower Upper

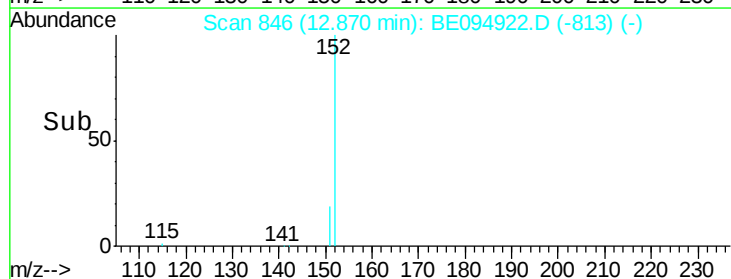
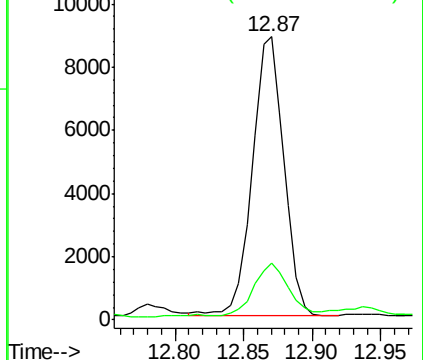
152 100

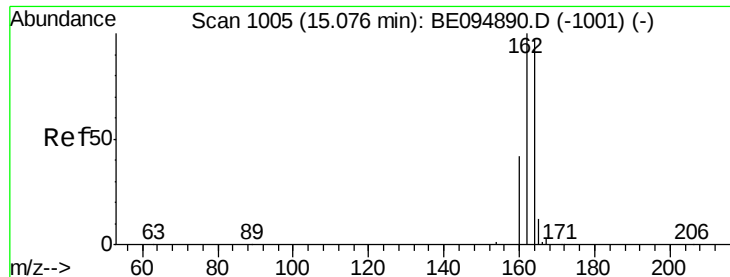
151 20.5 15.4 23.0



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: BE094922.D

Acq: 5 Dec 2017 19:40

Instrument :

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FT-MW08I-20171129

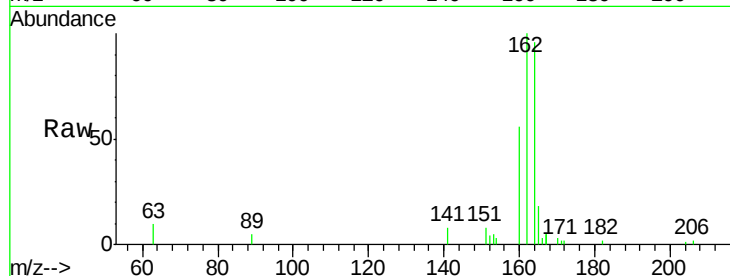
Tot Ion:164 Resp: 13204

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

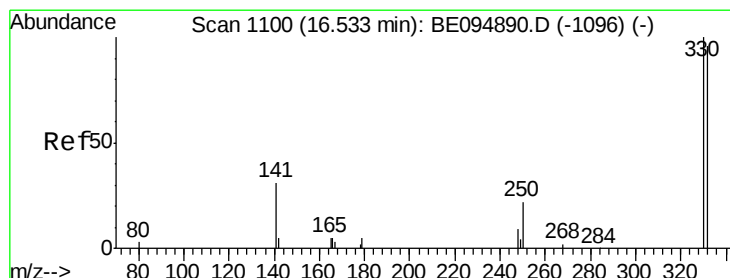
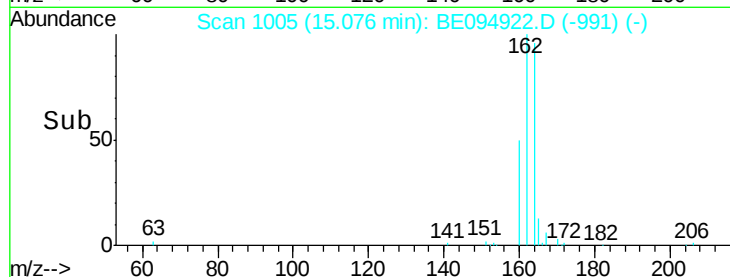
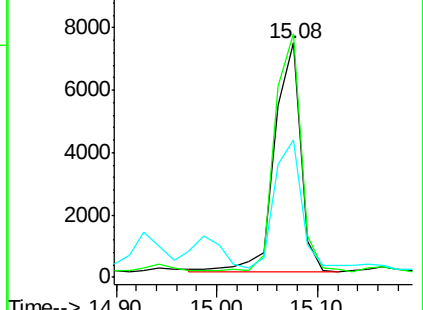
160 58.4 37.1 55.7#



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: 0.451 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094922.D

Acq: 5 Dec 2017 19:40

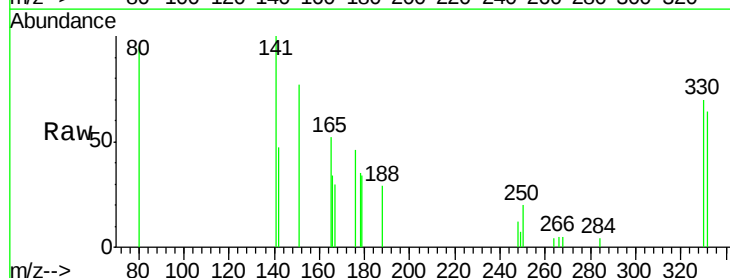
Tgt Ion:330 Resp: 1240

Ion Ratio Lower Upper

330 100

332 97.4 152.7 229.1#

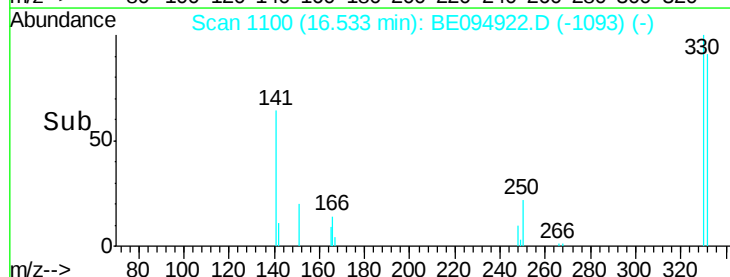
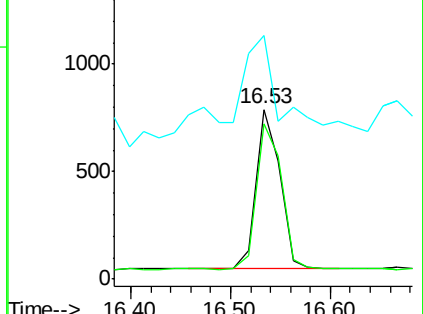
141 95.7 33.7 50.5#

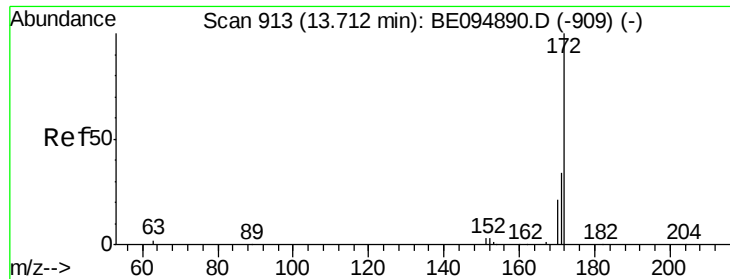


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

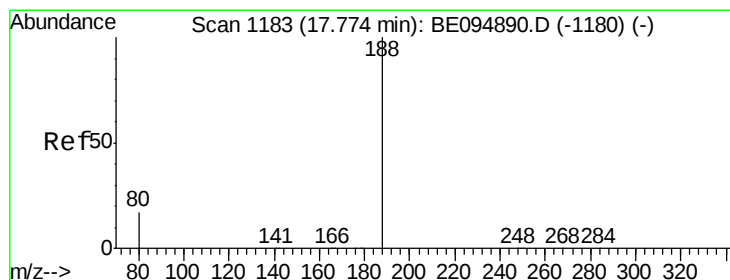
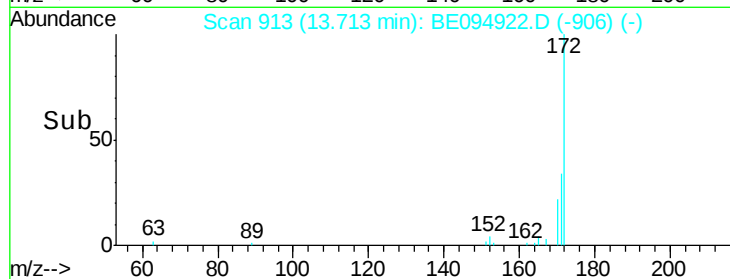
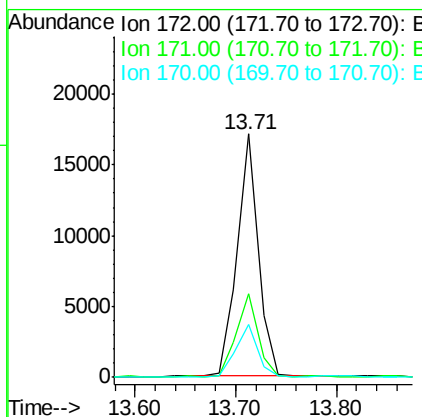
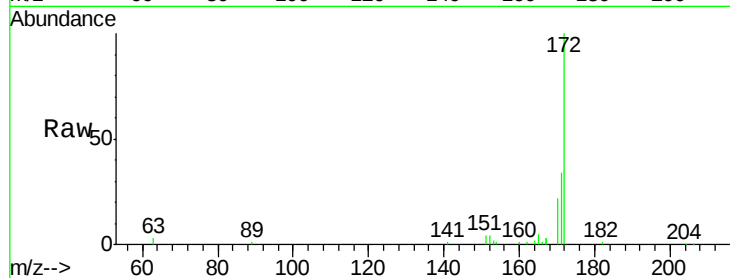




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094922.D
Acq: 5 Dec 2017 19:40

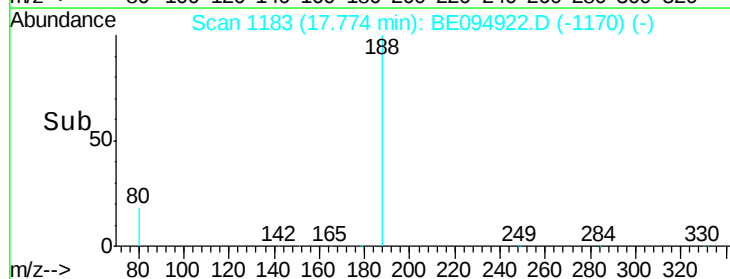
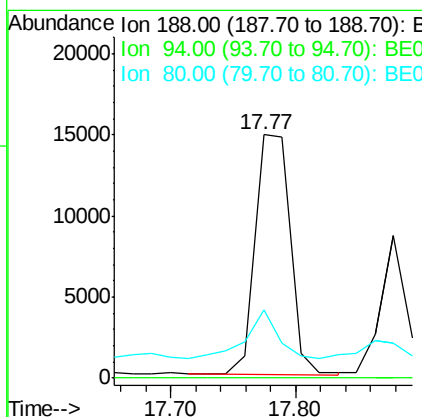
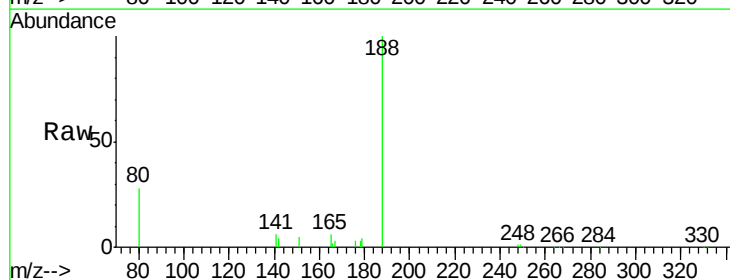
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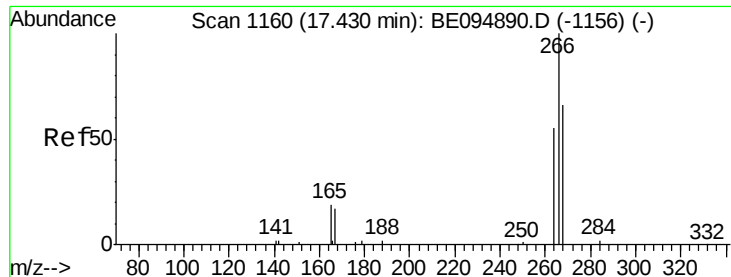
Tot Ion:172 Resp: 24855
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 21.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094922.D
Acq: 5 Dec 2017 19:40

Tgt Ion:188 Resp: 28788
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 27.8 3.6 5.4#

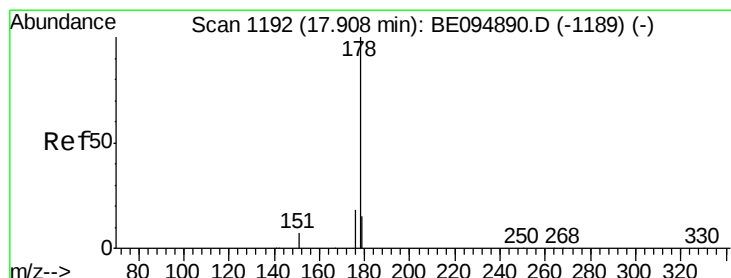
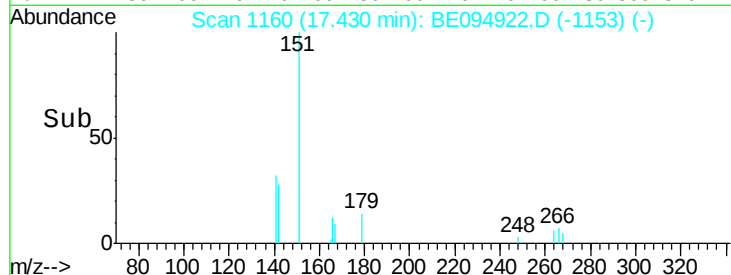
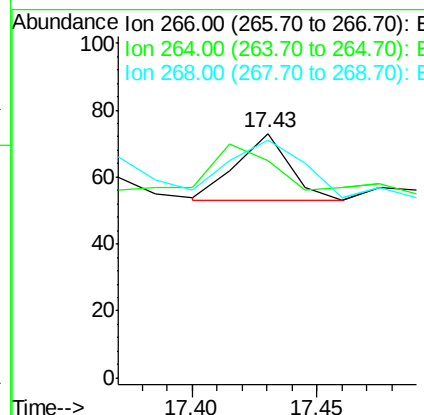
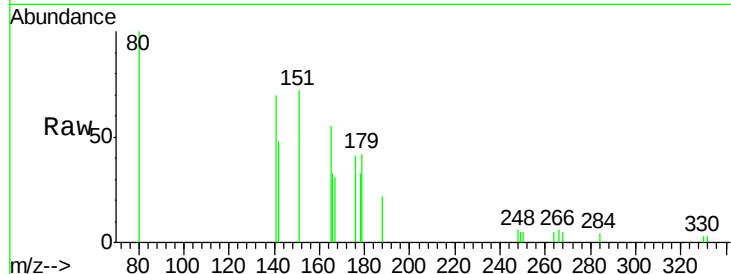




#22
 Pentachlorophenol
 Concen: 0.139 ng
 RT: 17.43 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

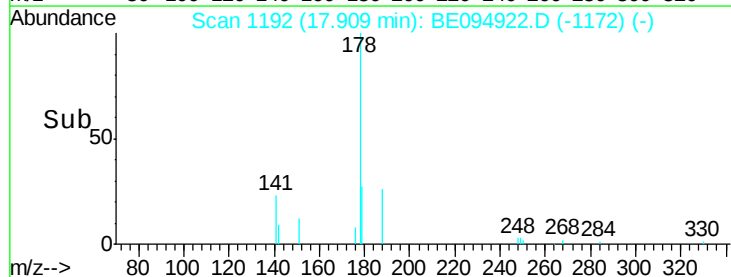
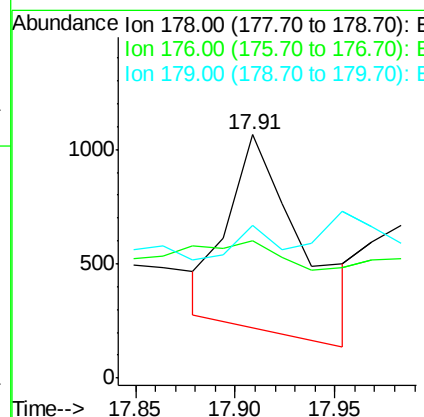
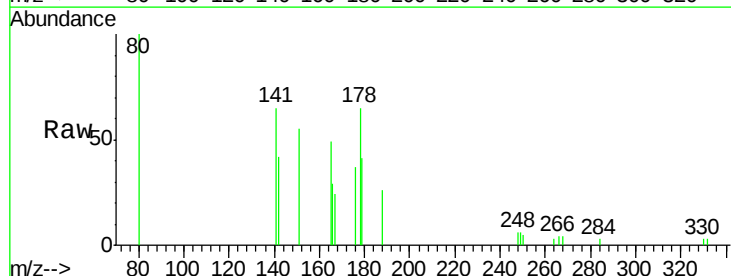
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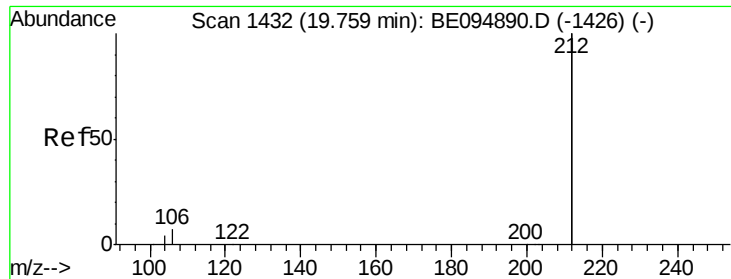
Tot Ion:266 Resp: 30
 Ion Ratio Lower Upper
 266 100
 264 89.0 72.5 108.7
 268 97.3 73.8 110.6



#24
 Anthracene
 Concen: 0.022 ng
 RT: 17.91 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

Tgt Ion:178 Resp: 2153
 Ion Ratio Lower Upper
 178 100
 176 0.0 12.8 19.2#
 179 0.0 13.0 19.6#

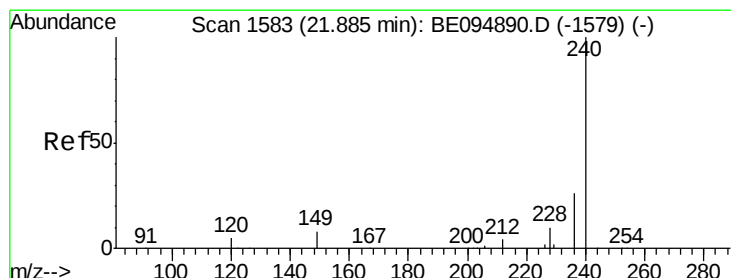
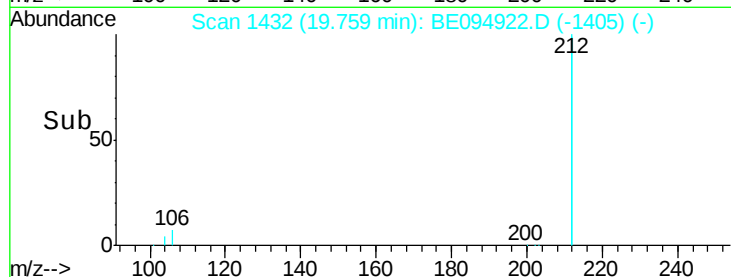
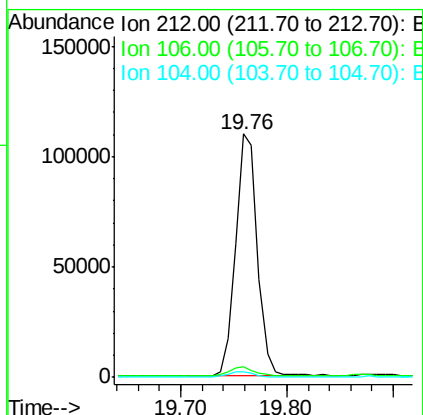
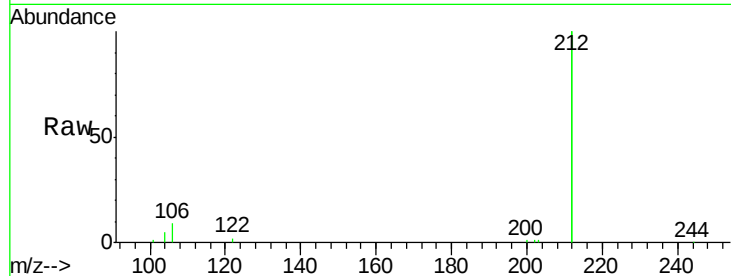




#25
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

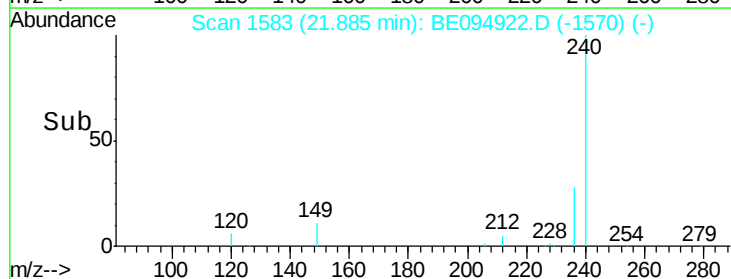
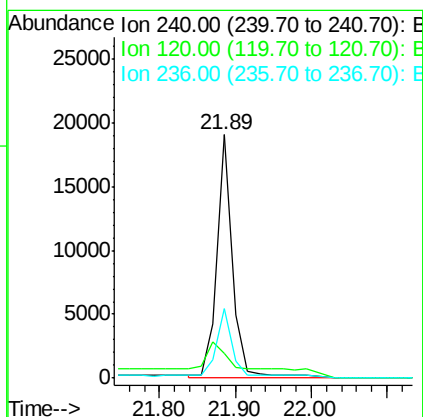
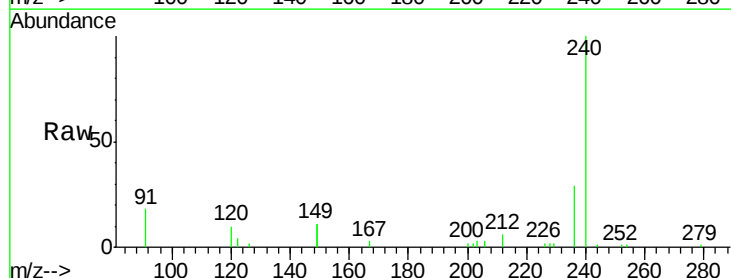
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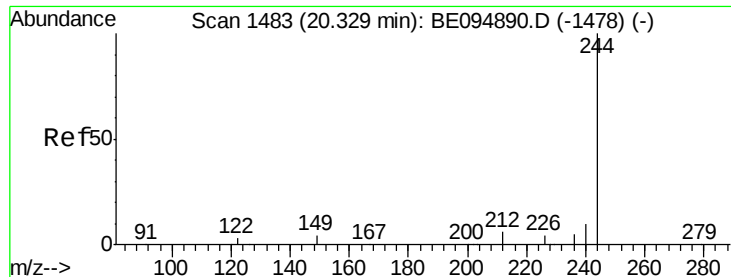
Tot Ion:212 Resp: 154972
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

Tgt Ion:240 Resp: 29947
 Ion Ratio Lower Upper
 240 100
 120 10.2 5.5 8.3#
 236 28.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.554 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094922.D

Acq: 5 Dec 2017 19:40

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129

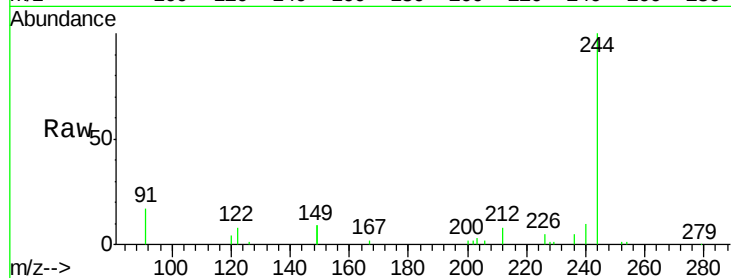
Tot Ion:244 Resp: 30645

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

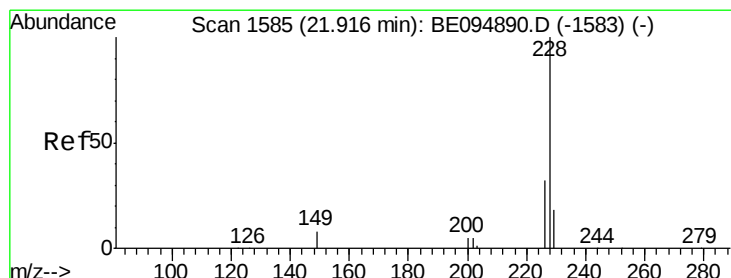
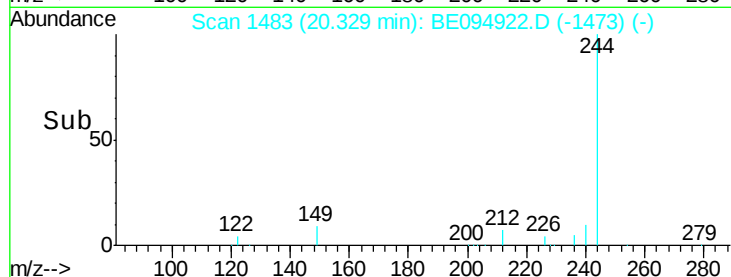
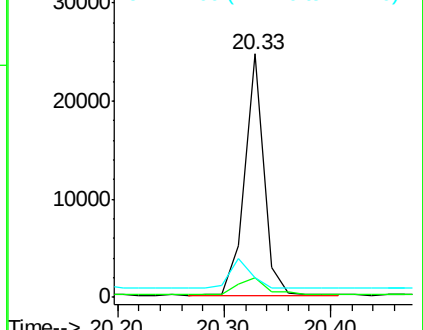
122 8.2 8.1 12.1



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



#31

Chrysene

Concen: 0.026 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094922.D

Acq: 5 Dec 2017 19:40

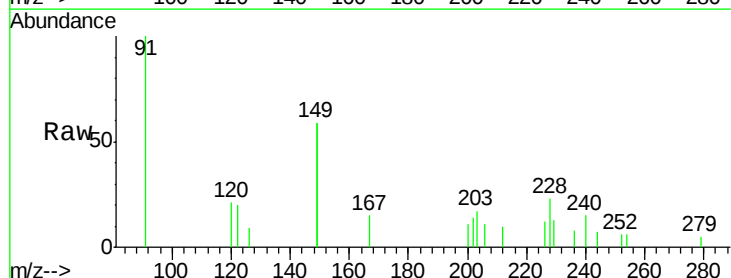
Tgt Ion:228 Resp: 2656

Ion Ratio Lower Upper

228 100

226 53.5 40.0 60.0

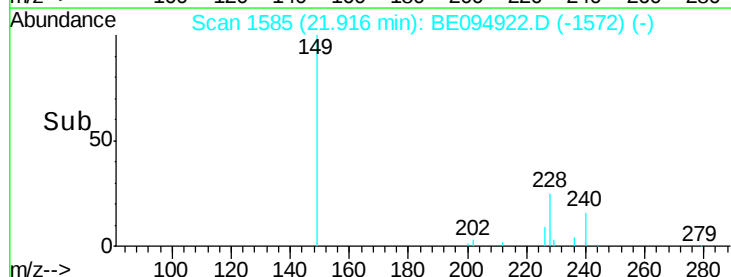
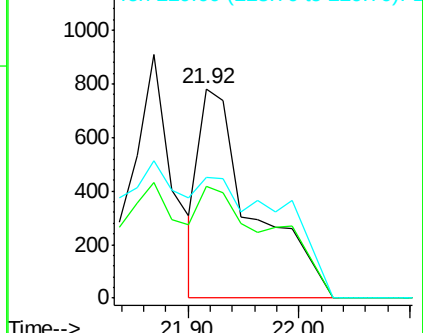
229 57.9 40.0 60.0

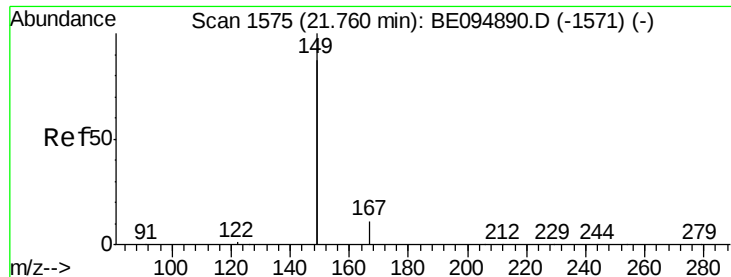


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

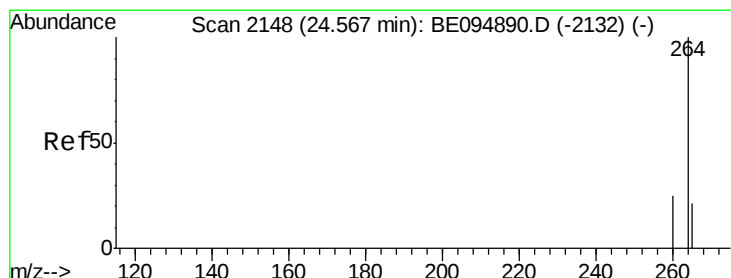
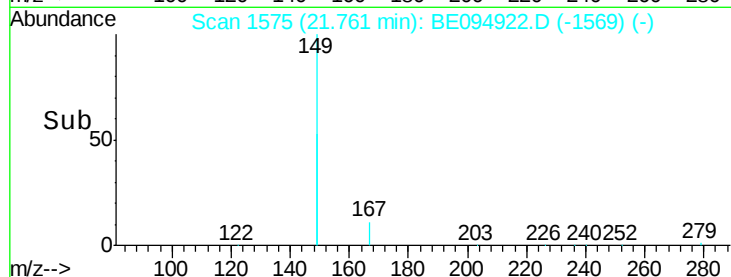
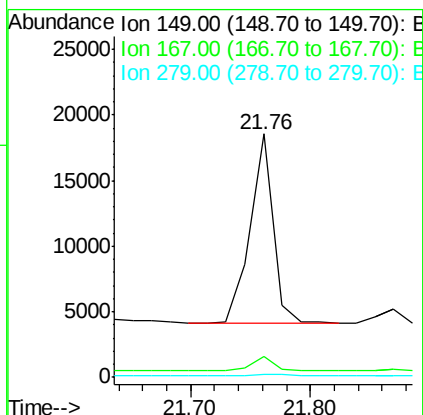
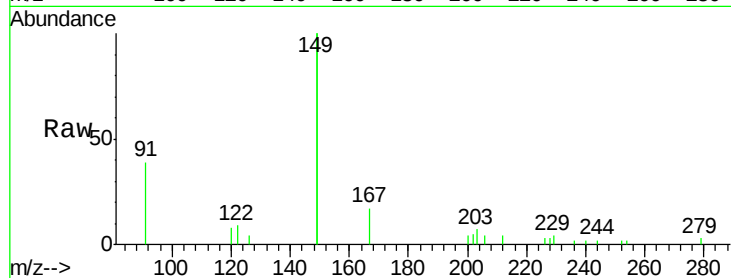




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.76 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW08I-20171129

Tot Ion:149 Resp: 19518
 Ion Ratio Lower Upper
 149 100
 167 8.4 5.4 8.0#
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BE094922.D
 Acq: 5 Dec 2017 19:40

Tgt Ion:264 Resp: 23031
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 29.9 22.8 34.2

