

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094940.D
 Acq On : 6 Dec 2017 6:18
 Operator : SJ/JU
 Sample : I6698-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW06I-20171130

Quant Time: Dec 06 07:52:03 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

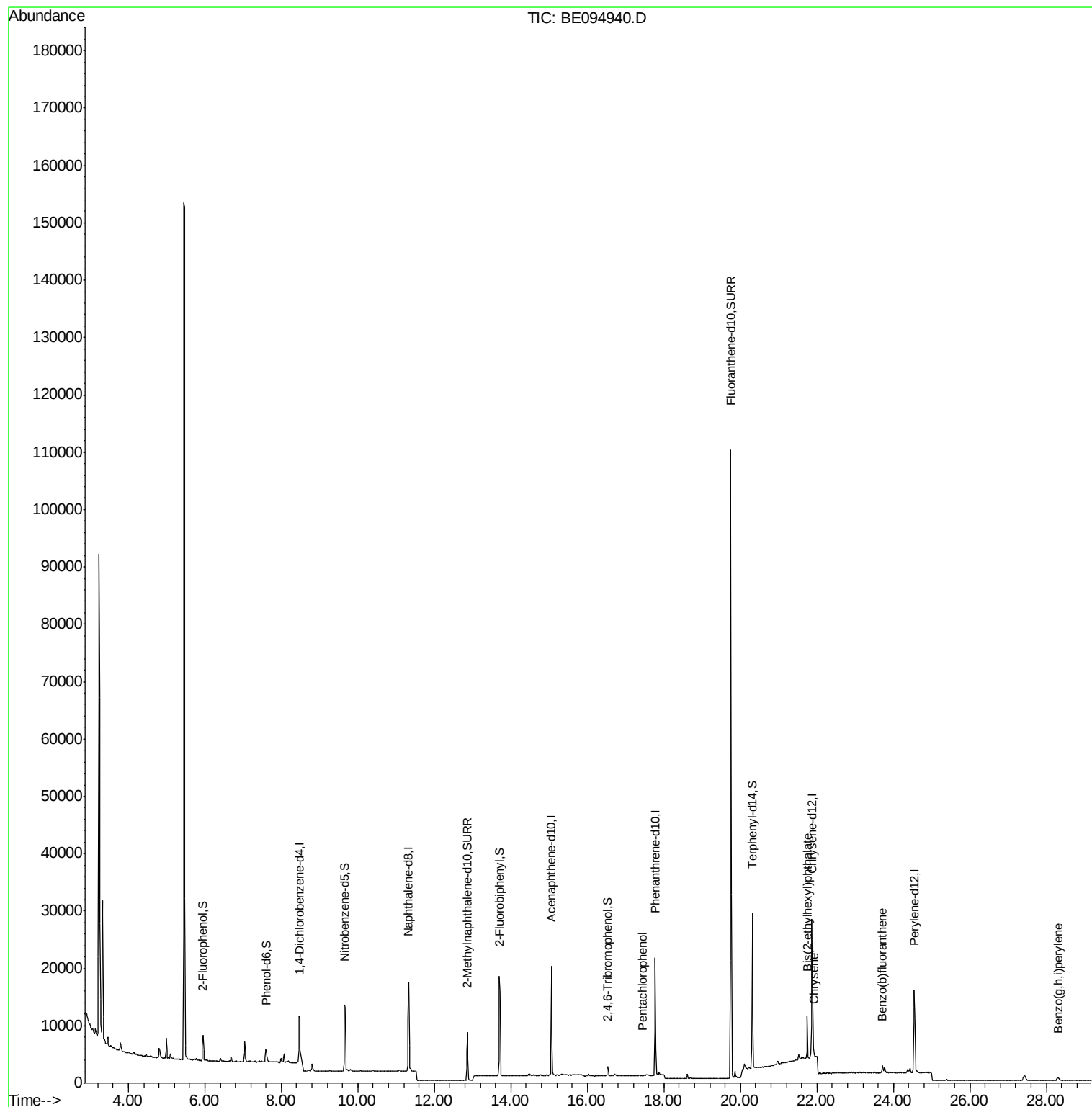
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7913	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17494	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10327	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	25950	0.40	ng	0.00
27) Chrysene-d12	21.87	240	27388	0.40	ng	-0.02
34) Perylene-d12	24.55	264	22235	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2110	0.17	ng	0.00
5) Phenol-d6	7.60	99	1929	0.10	ng	0.00
8) Nitrobenzene-d5	9.66	82	5561	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11244	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1033	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	18418	0.42	ng	0.00
25) Fluoranthene-d10	19.75	212	137850	0.39	ng	0.00
29) Terphenyl-d14	20.31	244	26420	0.52	ng	-0.02
Target Compounds						
22) Pentachlorophenol	17.43	266	47	0.143	ng	Qvalue 97
31) Chrysene	21.92	228	2082	0.022	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.74	149	8545	0.061	ng	# 99
35) Benzo(b)fluoranthene	23.72	252	1663	0.020	ng	# 77
39) Benzo(g,h,i)perylene	28.30	276	1385	0.021	ng	# 69

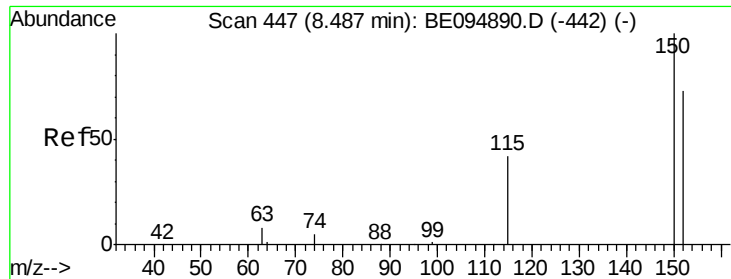
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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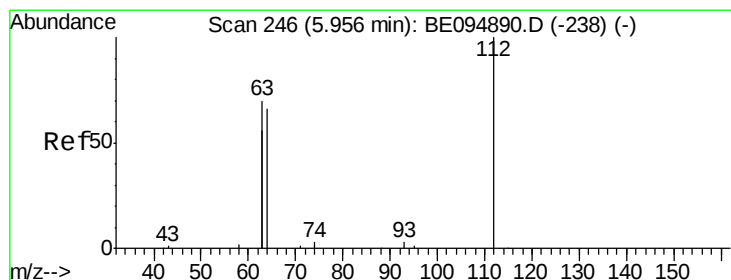
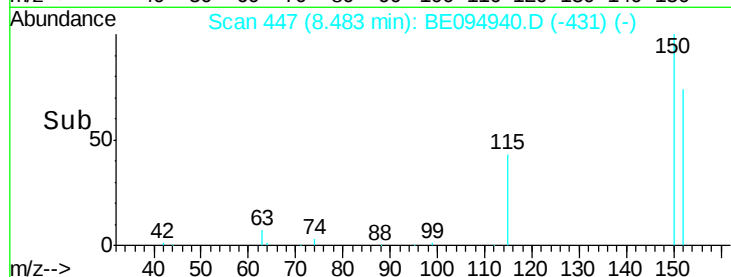
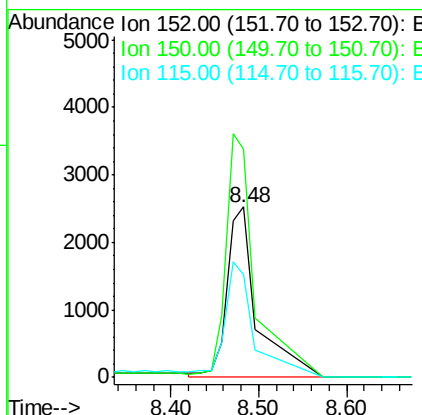
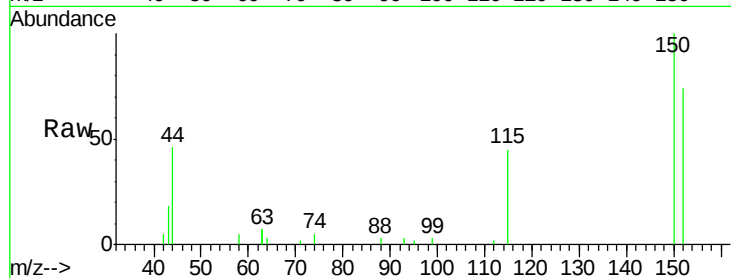


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094940.D
Acq: 6 Dec 2017 6:18

Instrument :
BNA_E
ClientSampleId :
FT-MW06I-20171130

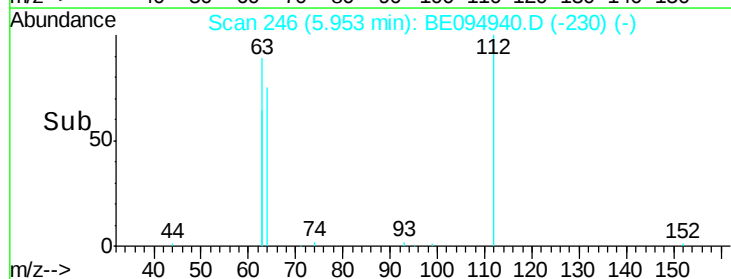
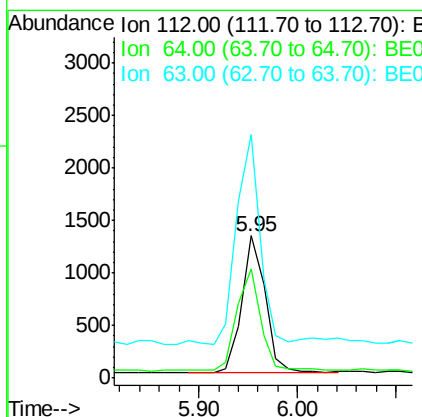
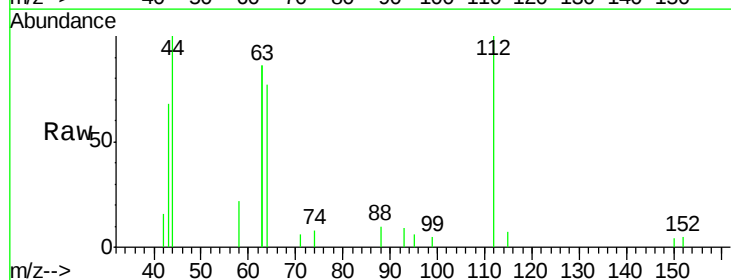
Tot Ion:152 Resp: 7913
Ion Ratio Lower Upper
152 100
150 134.3 117.2 175.8
115 60.4 57.0 85.6

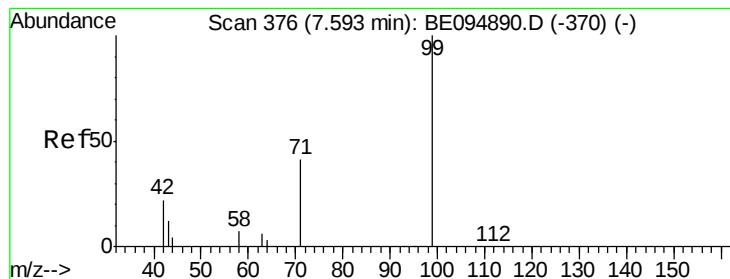


#4

2-Fluorophenol
Concen: 0.168 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094940.D
Acq: 6 Dec 2017 6:18

Tgt Ion:112 Resp: 2110
Ion Ratio Lower Upper
112 100
64 77.2 60.1 90.1
63 156.8 116.8 175.2





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130

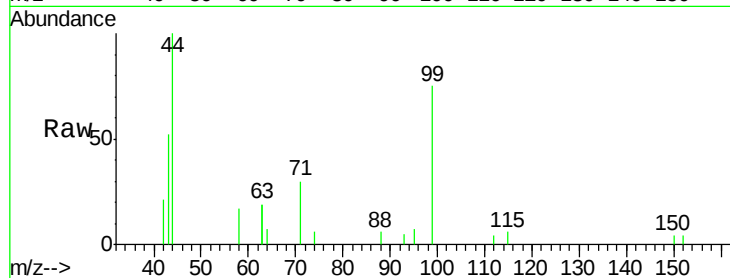
Tot Ion: 99 Resp: 1929

Ion Ratio Lower Upper

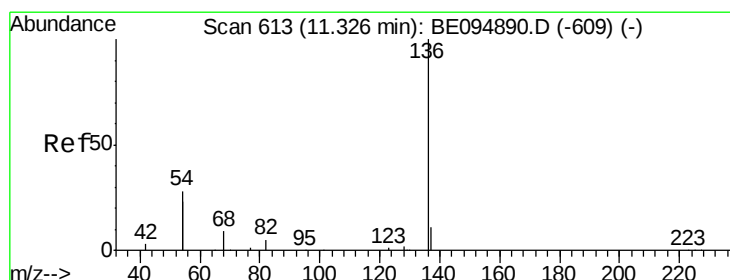
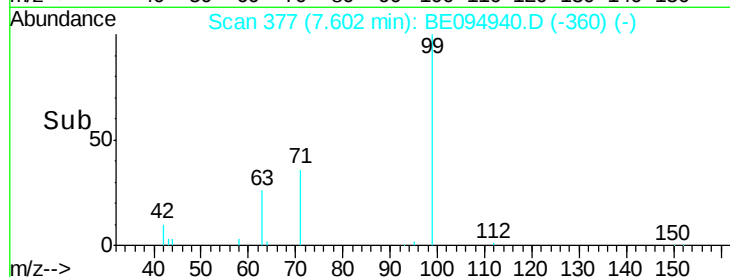
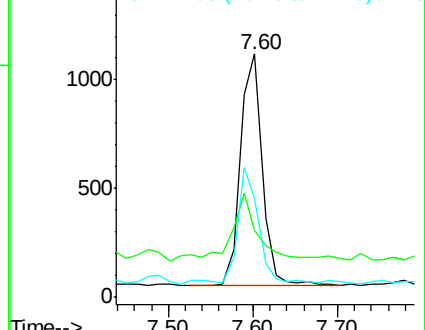
99 100

42 34.9 20.2 30.2#

71 49.1 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: BE094940.D

Acq: 6 Dec 2017 6:18

Tgt Ion: 136 Resp: 17494

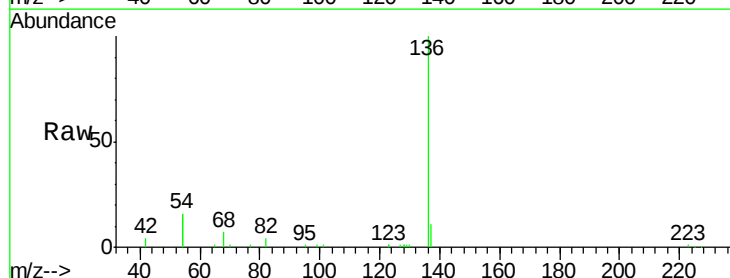
Ion Ratio Lower Upper

136 100

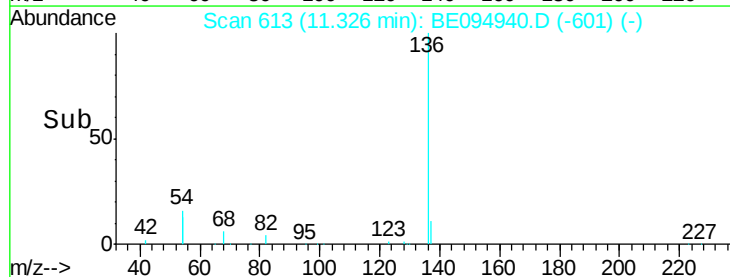
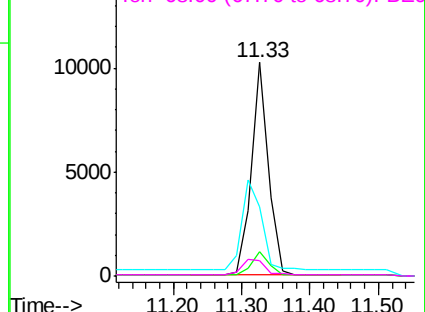
137 11.3 9.5 14.3

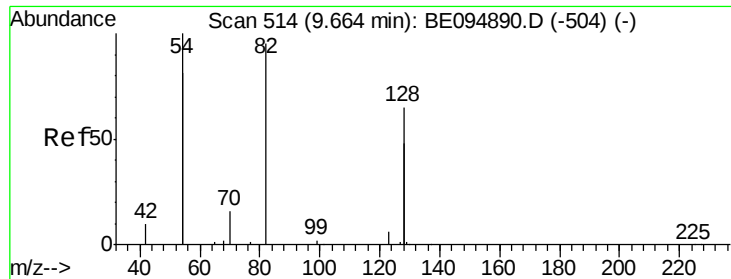
54 32.5 29.1 43.7

68 6.9 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: 0.537 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130

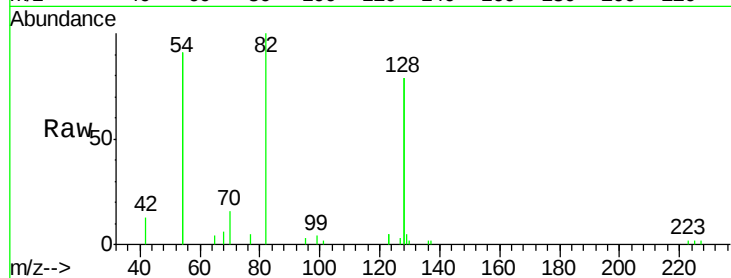
Tot Ion: 82 Resp: 5561

Ion Ratio Lower Upper

82 100

128 157.8 150.0 225.0

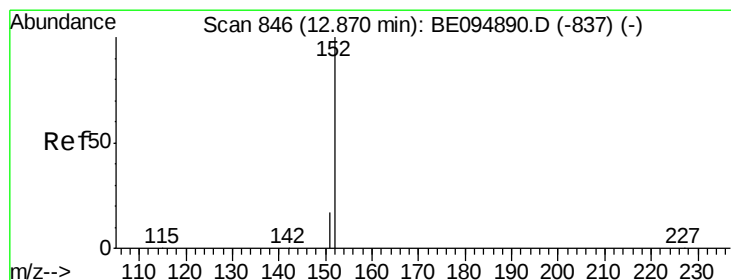
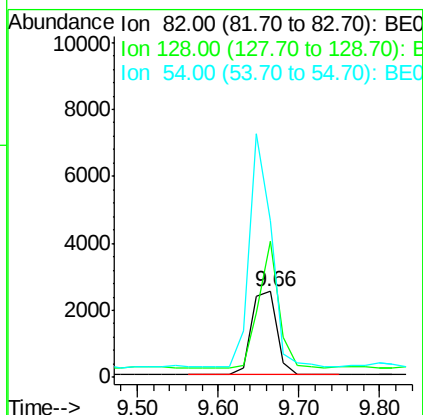
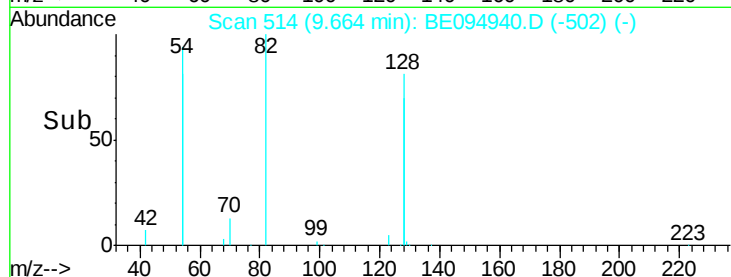
54 181.9 154.2 231.4



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: 0.403 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094940.D

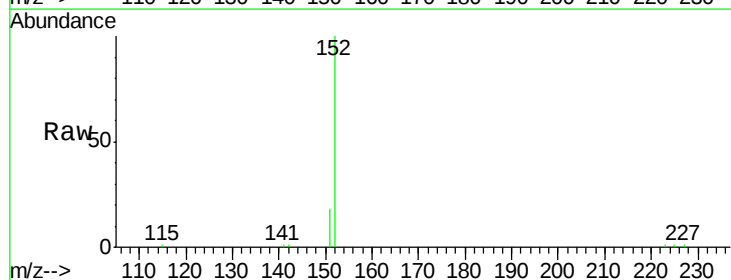
Acq: 6 Dec 2017 6:18

Tgt Ion: 152 Resp: 11244

Ion Ratio Lower Upper

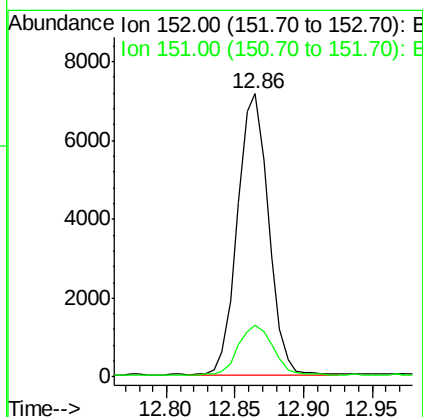
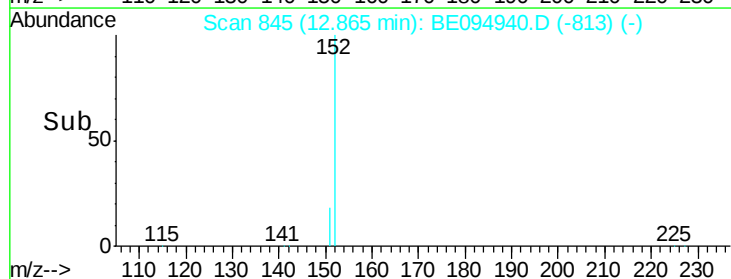
152 100

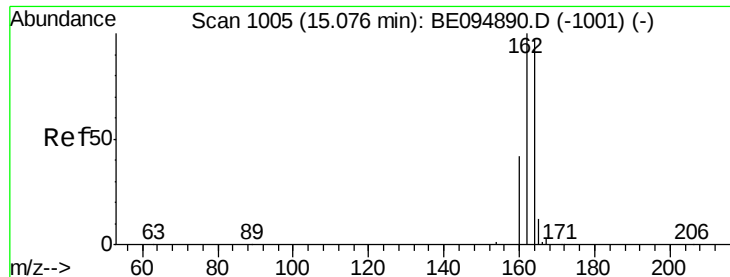
151 19.6 15.4 23.0



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: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130

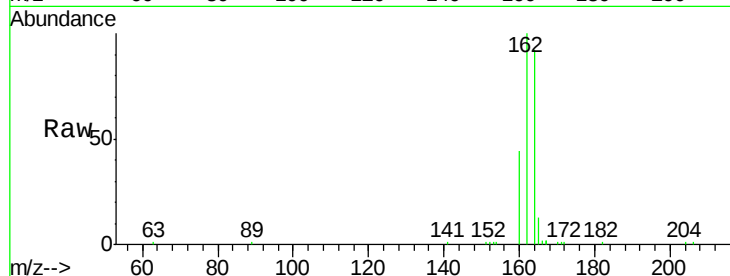
Tot Ion:164 Resp: 10327

Ion Ratio Lower Upper

164 100

162 109.1 83.1 124.7

160 48.3 37.1 55.7



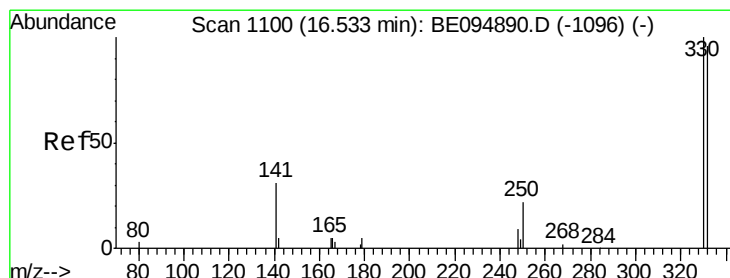
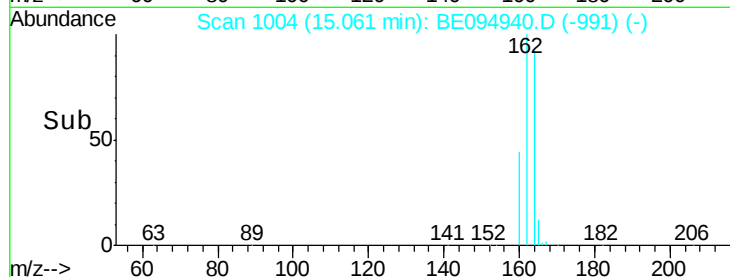
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.06

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.473 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

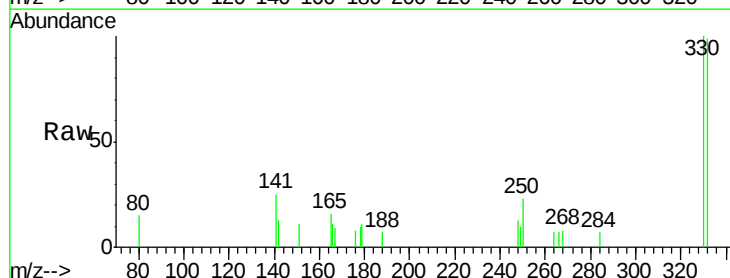
Tgt Ion:330 Resp: 1033

Ion Ratio Lower Upper

330 100

332 98.0 152.7 229.1#

141 52.2 33.7 50.5#



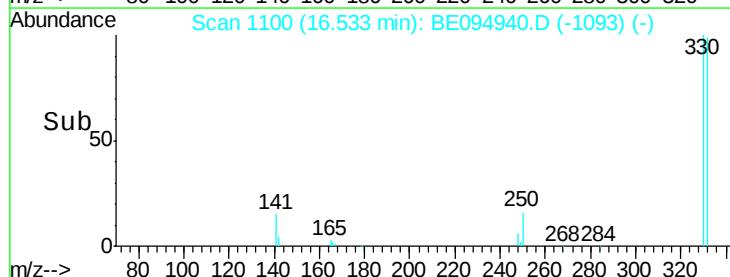
Abundance Ion 330.00 (329.70 to 330.70): E

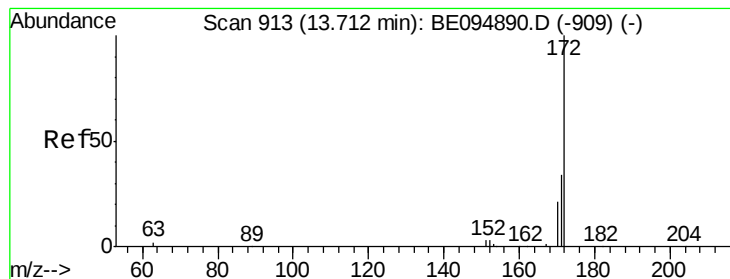
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.53

Time-->





#15

2-Fluorobiphenyl

Concen: 0.416 ng

RT: 13.71 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130

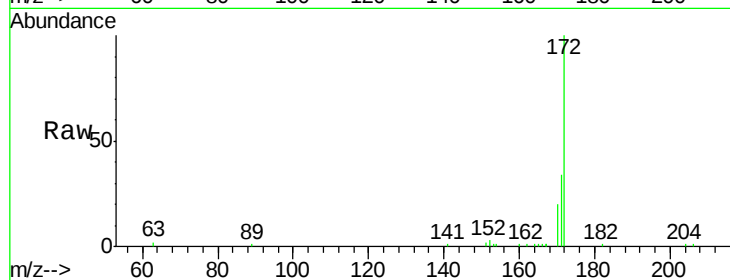
Tot Ion:172 Resp: 18418

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

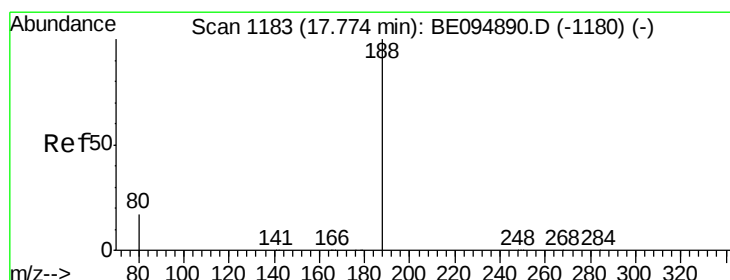
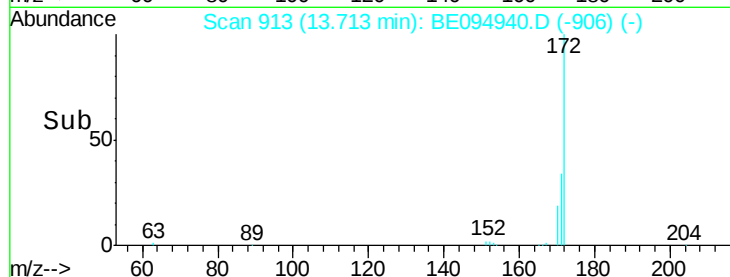
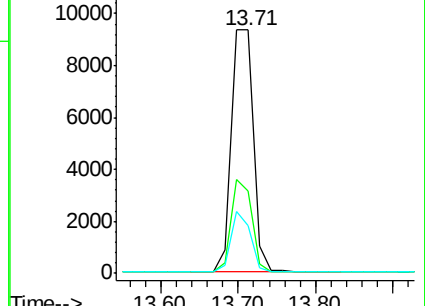
170 19.7 21.8 32.8#



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: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

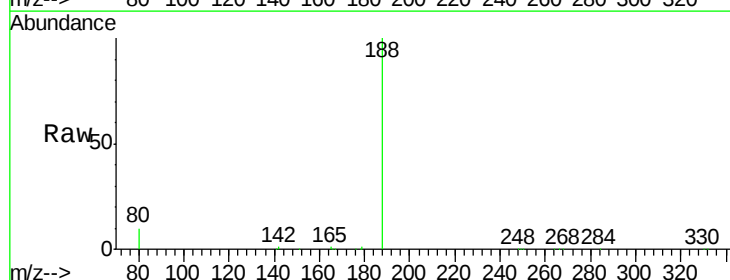
Tgt Ion:188 Resp: 25950

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

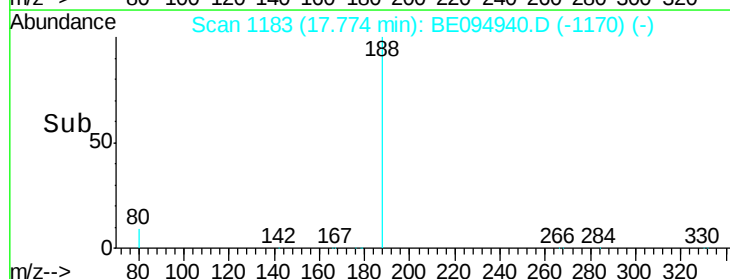
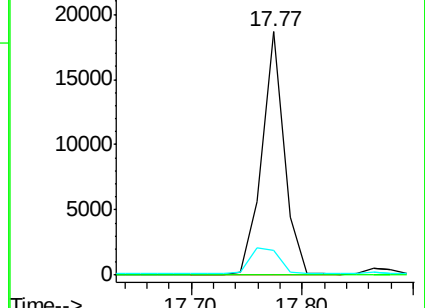
80 9.9 3.6 5.4#

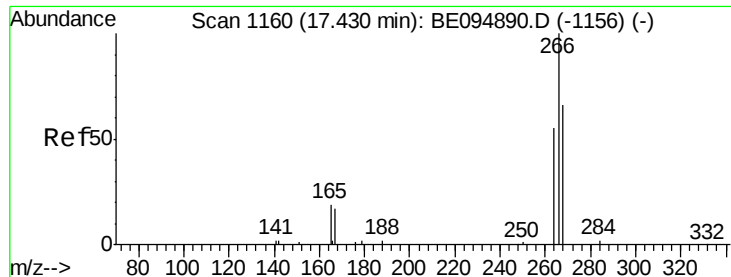


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.143 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

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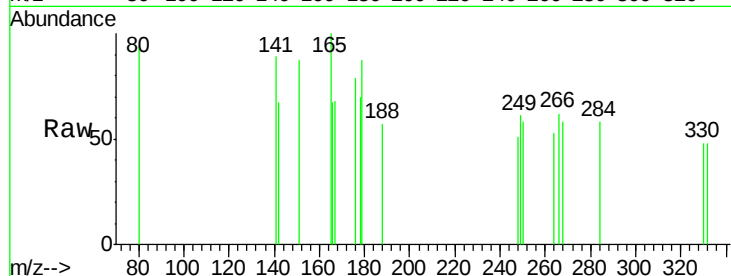
Tot Ion:266 Resp: 47

Ion Ratio Lower Upper

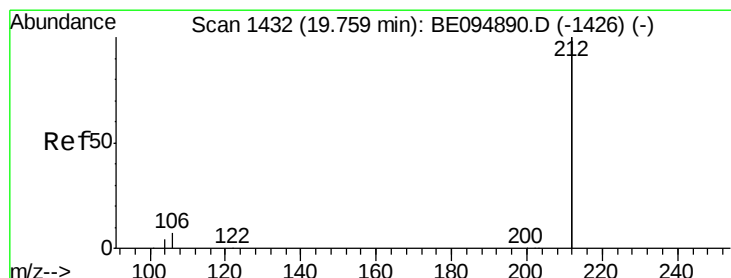
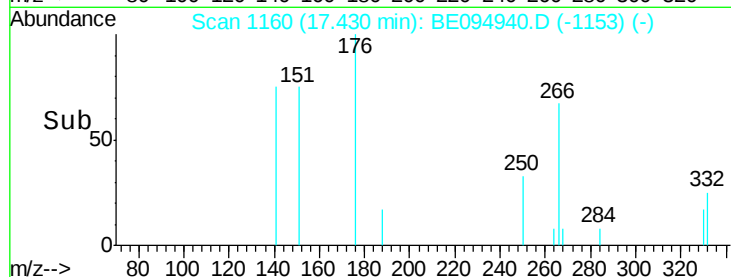
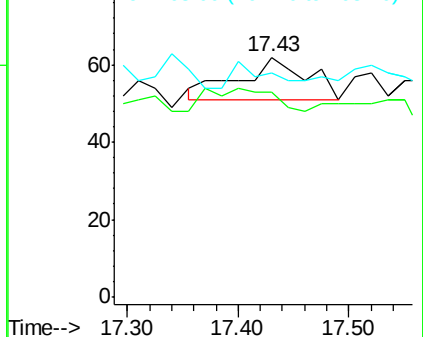
266 100

264 85.5 72.5 108.7

268 93.5 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: 0.389 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

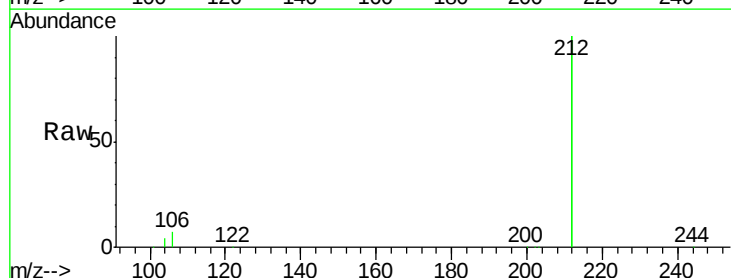
Tgt Ion:212 Resp: 137850

Ion Ratio Lower Upper

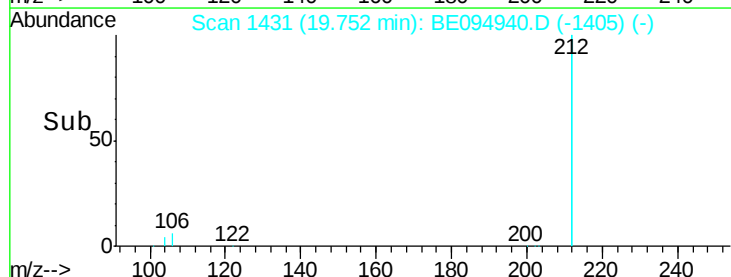
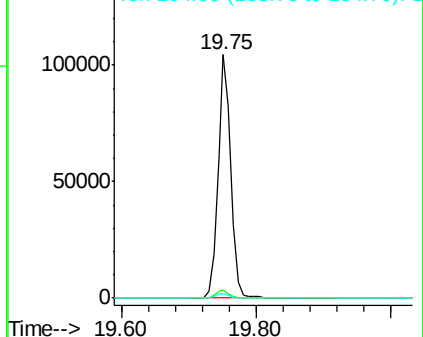
212 100

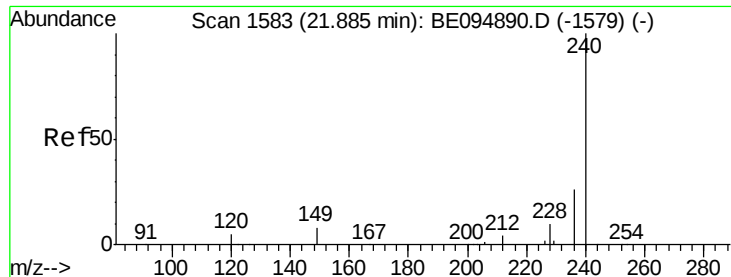
106 3.4 2.8 4.2

104 1.9 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: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

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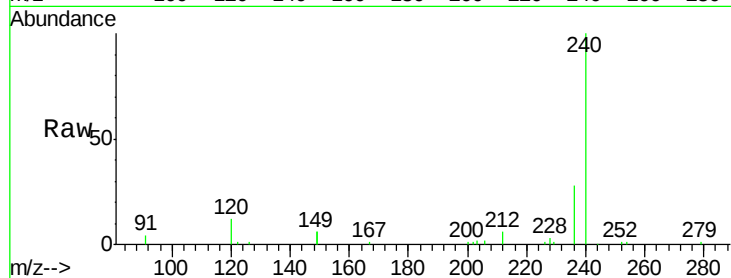
Tot Ion:240 Resp: 27388

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

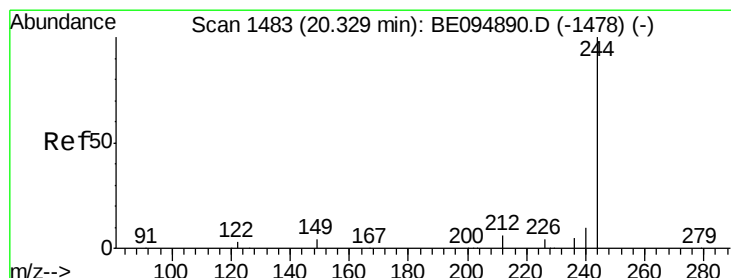
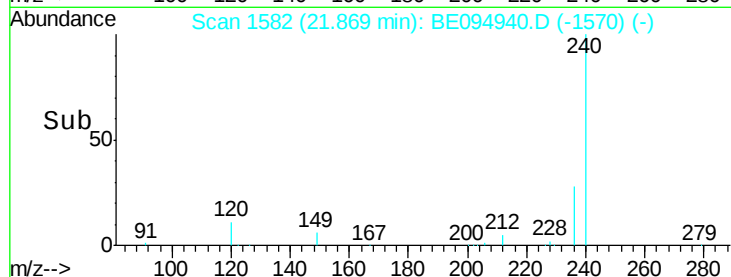
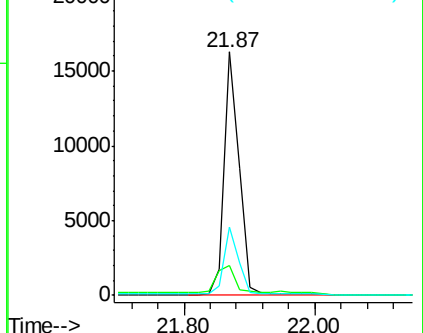
236 28.2 20.7 31.1



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: 0.522 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

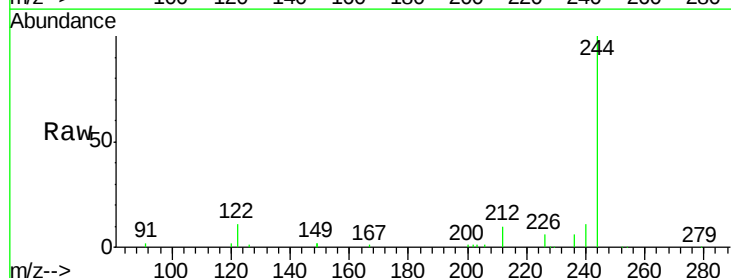
Tgt Ion:244 Resp: 26420

Ion Ratio Lower Upper

244 100

212 10.3 25.4 38.0#

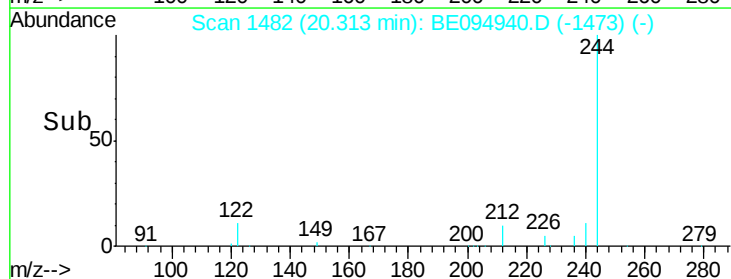
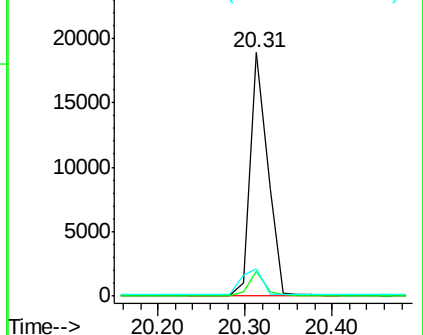
122 11.2 8.1 12.1

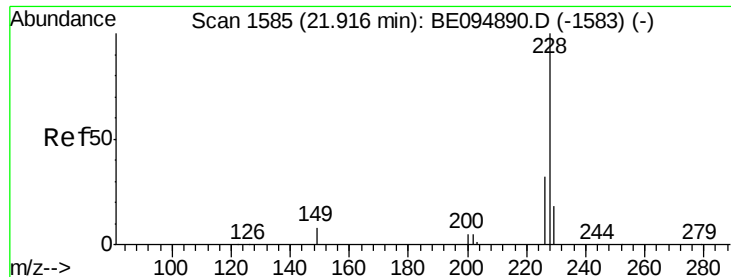


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.022 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130

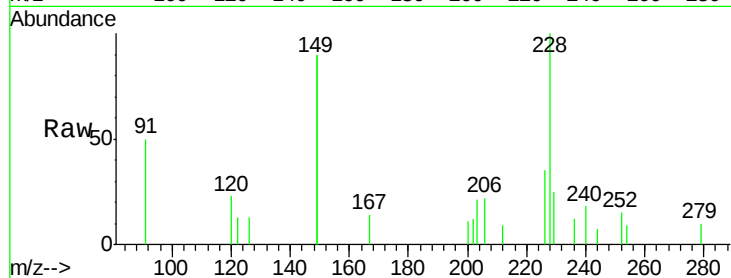
Tot Ion:228 Resp: 2082

Ion Ratio Lower Upper

228 100

226 34.9 40.0 60.0#

229 25.2 40.0 60.0#

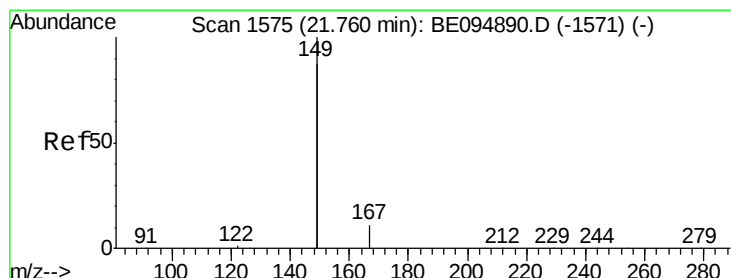
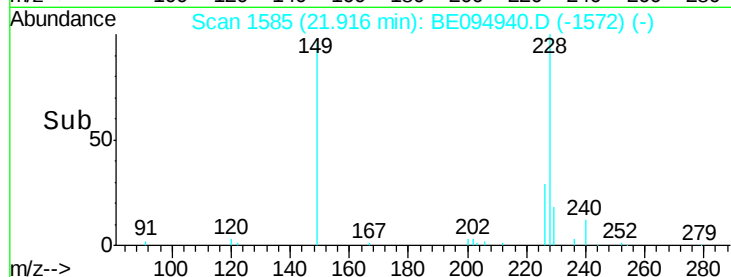
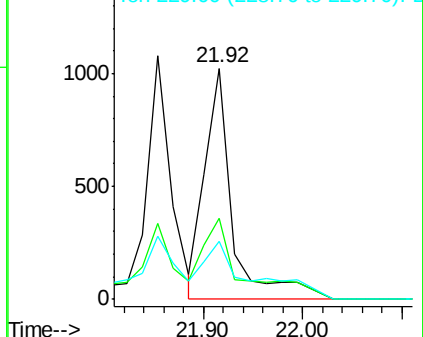


Abundance

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: 0.061 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094940.D

Acq: 6 Dec 2017 6:18

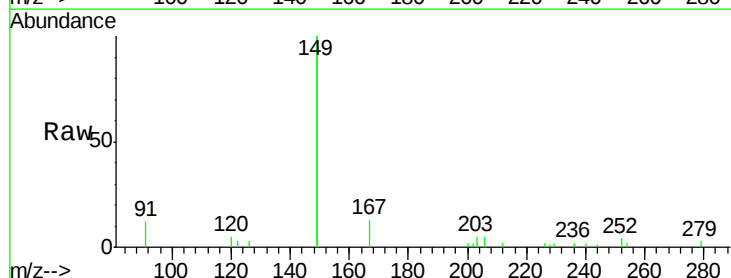
Tgt Ion:149 Resp: 8545

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 1.3 0.7 1.1#

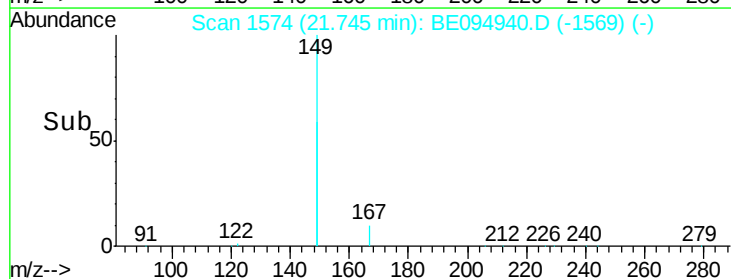
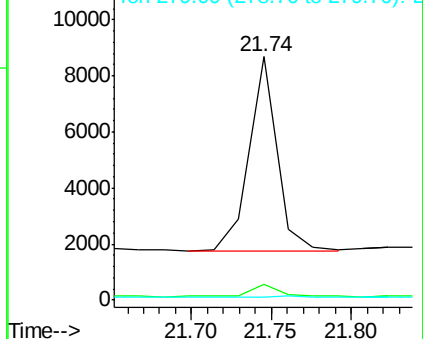


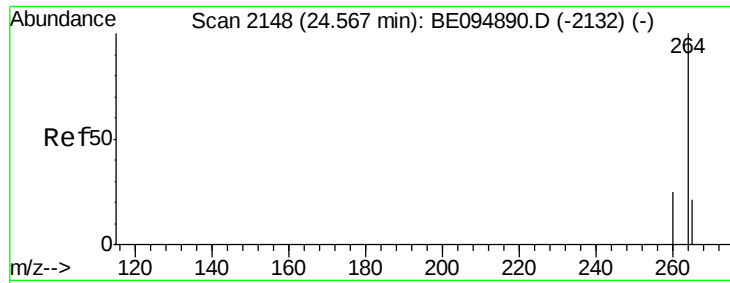
Abundance

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

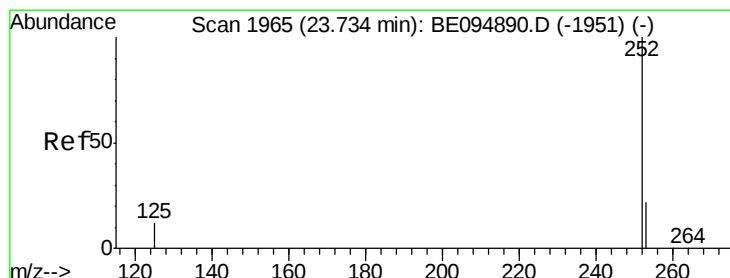
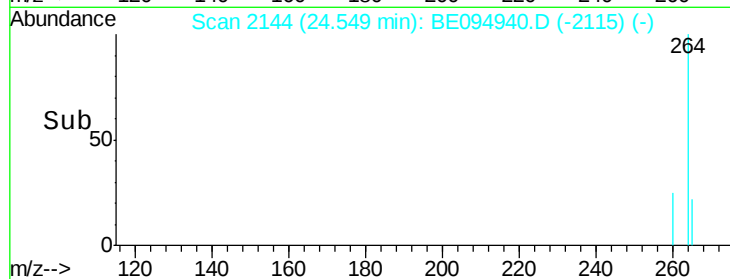
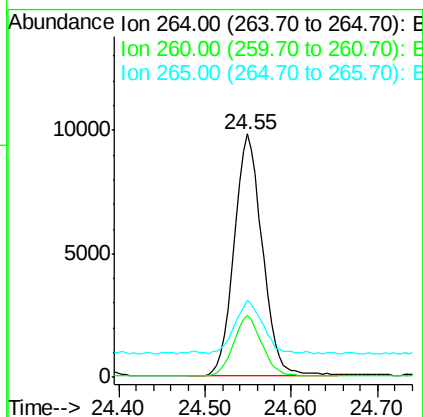
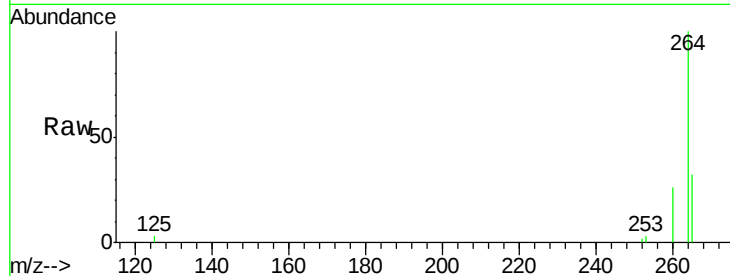




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.55 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BE094940.D
 Acq: 6 Dec 2017 6:18

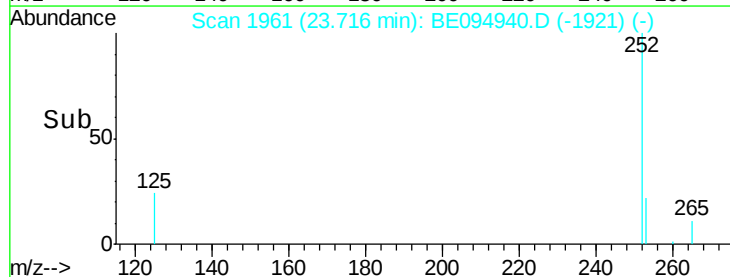
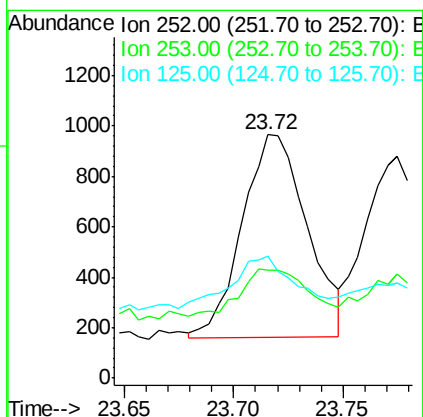
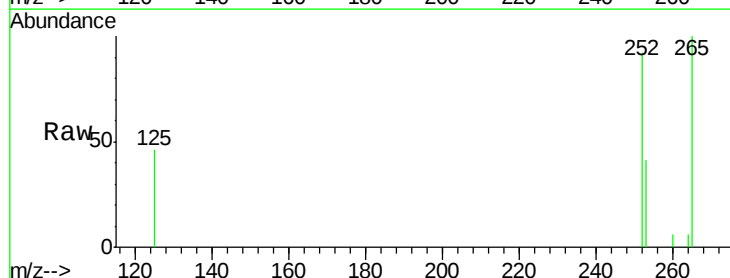
Instrument :
 BNA_E
 ClientSampleId :
 FT-MW06I-20171130

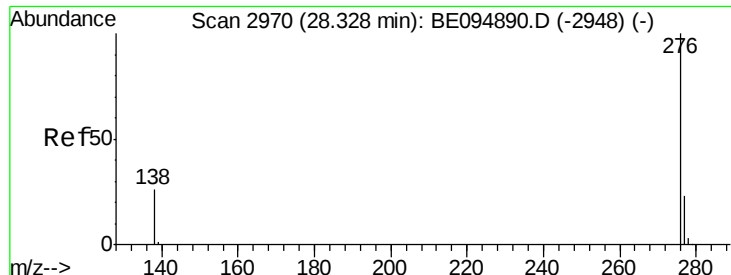
Tot Ion:264 Resp: 22235
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 31.6 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.020 ng
 RT: 23.72 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BE094940.D
 Acq: 6 Dec 2017 6:18

Tgt Ion:252 Resp: 1663
 Ion Ratio Lower Upper
 252 100
 253 44.4 48.0 72.0#
 125 49.9 56.0 84.0#





#39

Benzo(a,h,i)perylene

Concen: 0.021 ng

RT: 28.30 min Scan# 2963

Delta R.T. -0.03 min

Lab File: BE094940.D

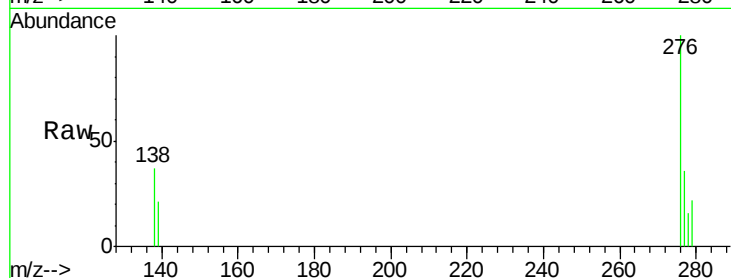
Acq: 6 Dec 2017 6:18

Instrument :

BNA_E

ClientSampleId :

FT-MW06I-20171130



Tot Ion:	276	Resp:	1385
Ion Ratio	Lower	Upper	
276	100		
277	36.0	52.0	78.0#
138	37.2	44.0	66.0#

