

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094943.D
 Acq On : 6 Dec 2017 8:06
 Operator : SJ/JU
 Sample : I6707-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW01S-20171130MSD

Quant Time: Dec 06 10:01:38 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	8.47	152	7953	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	18113	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10637	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	25577	0.40	ng	0.00
27) Chrysene-d12	21.87	240	28423	0.40	ng	-0.02
34) Perylene-d12	24.55	264	22786	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	2308	0.18	ng	0.00
5) Phenol-d6	7.59	99	2140	0.11	ng	0.00
8) Nitrobenzene-d5	9.66	82	6244	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	12056	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1205	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	21034	0.46	ng	0.00
25) Fluoranthene-d10	19.75	212	140751	0.40	ng	0.00
29) Terphenyl-d14	20.31	244	28711	0.55	ng	-0.02

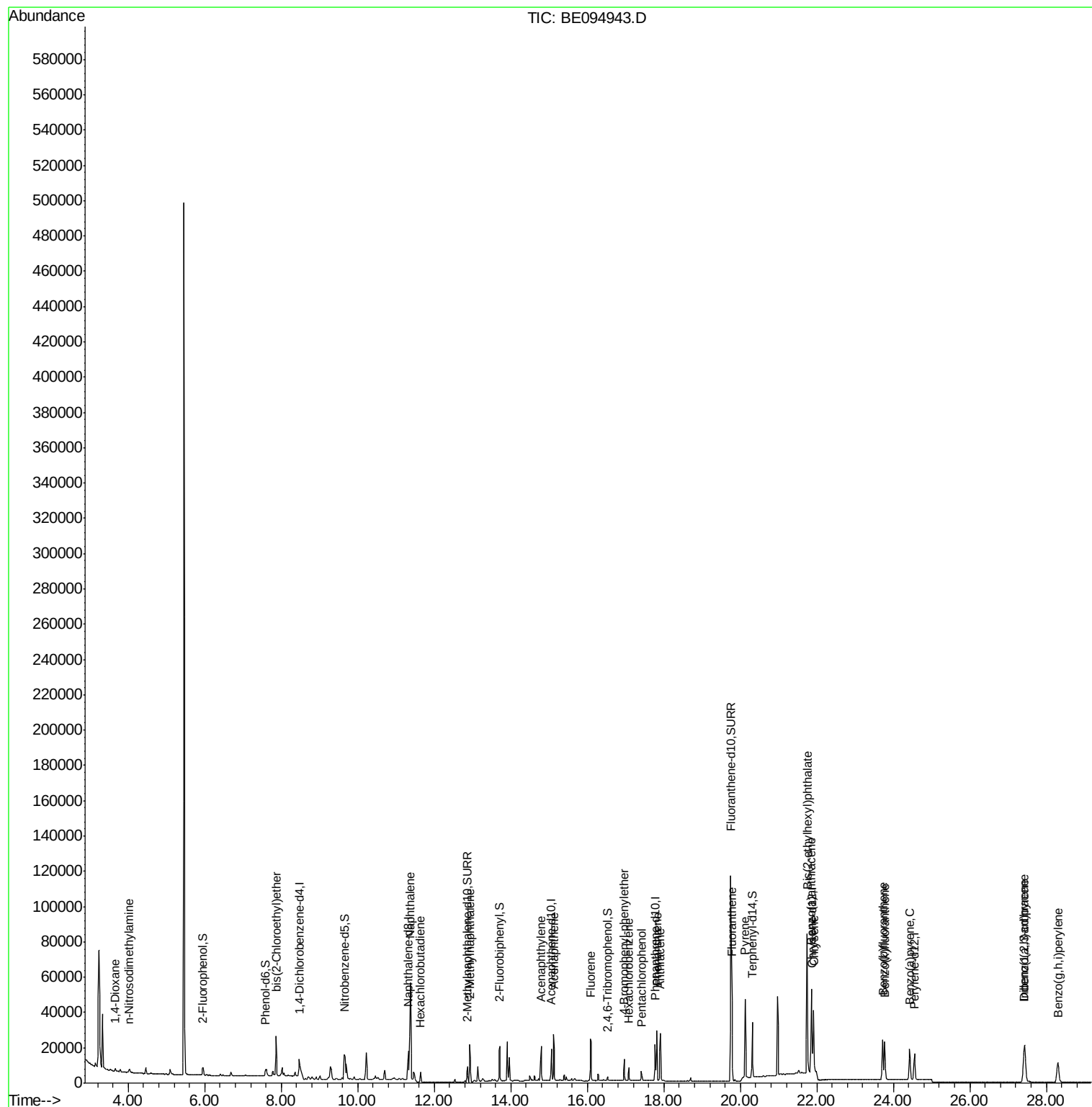
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	1227	0.147	ng	# 59
3) n-Nitrosodimethylamine	4.02	42	1750	0.165	ng	# 79
6) bis(2-Chloroethyl)ether	7.87	93	7357	0.398	ng	99
9) Naphthalene	11.38	128	87850	0.414	ng	99
10) Hexachlorobutadiene	11.64	225	3681	0.411	ng	97
12) 2-Methylnaphthalene	12.93	142	21508	0.408	ng	96
16) Acenaphthylene	14.79	152	22564	0.375	ng	99
17) Acenaphthene	15.12	154	14459	0.372	ng	96
18) Fluorene	16.10	166	18938	0.383	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	5876	0.412	ng	# 85
21) Hexachlorobenzene	17.09	284	5645	0.406	ng	# 82
22) Pentachlorophenol	17.41	266	2639	0.706	ng	# 73
23) Phenanthrene	17.82	178	31894	0.391	ng	98
24) Anthracene	17.91	178	34201	0.396	ng	# 93
26) Fluoranthene	19.78	202	41046	0.392	ng	99
28) Pyrene	20.13	202	42553	0.434	ng	94
30) Benzo(a)anthracene	21.85	228	38097	0.437	ng	# 62
31) Chrysene	21.92	228	39362	0.409	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.75	149	90223	0.625	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	33152	0.421	ng	99
35) Benzo(b)fluoranthene	23.72	252	33111	0.398	ng	# 40
36) Benzo(k)fluoranthene	23.77	252	33549	0.396	ng	# 40
37) Benzo(a)pyrene	24.43	252	30480	0.418	ng	# 34
38) Dibenzo(a,h)anthracene	27.44	278	27508	0.408	ng	# 43
39) Benzo(g,h,i)perylene	28.30	276	28435	0.423	ng	# 53

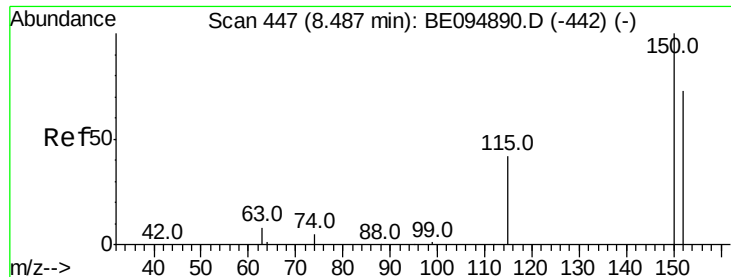
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

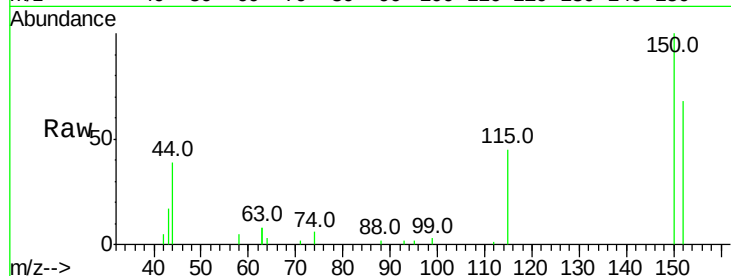
Tot Ion:152 Resp: 7953

Ion Ratio Lower Upper

152 100

150 147.3 117.2 175.8

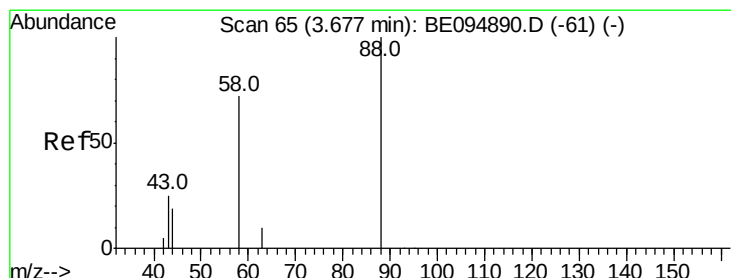
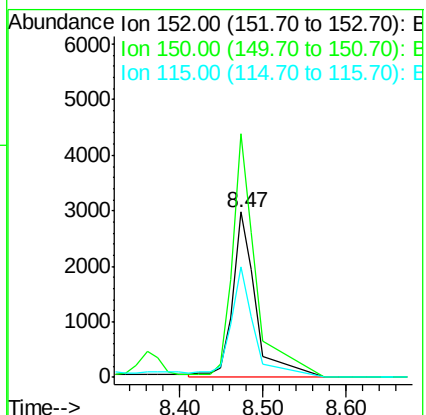
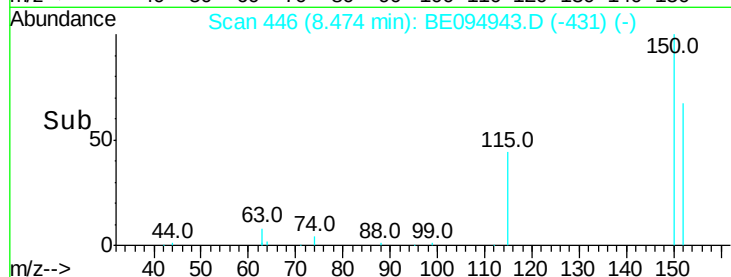
115 66.9 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.147 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

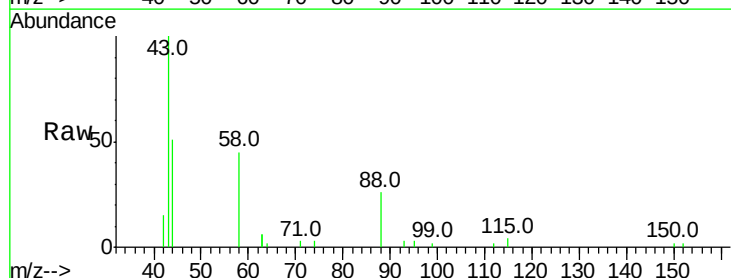
Tgt Ion: 88 Resp: 1227

Ion Ratio Lower Upper

88 100

58 92.5 63.2 94.8

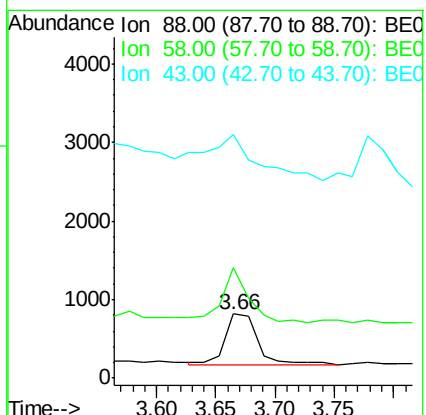
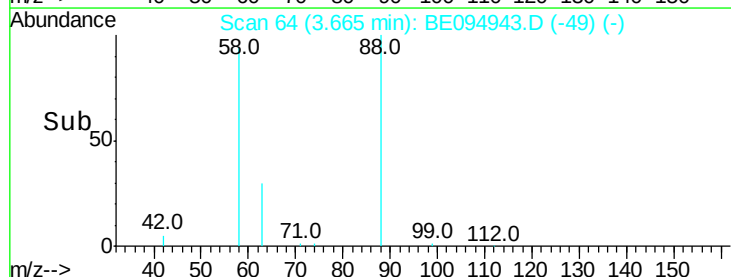
43 108.4 41.2 61.8#

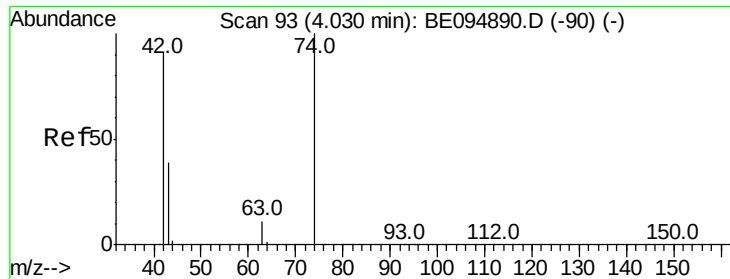


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.165 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

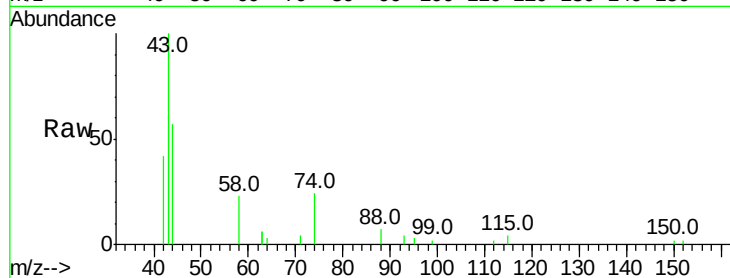
Tot Ion: 42 Resp: 1750

Ion Ratio Lower Upper

42 100

74 99.1 100.3 150.5#

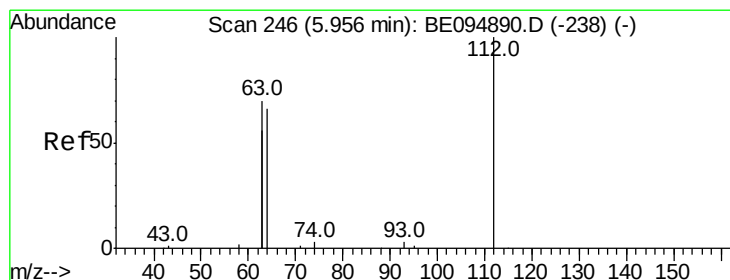
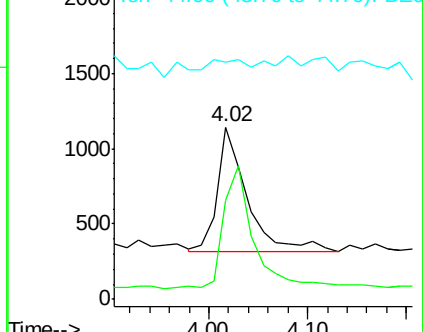
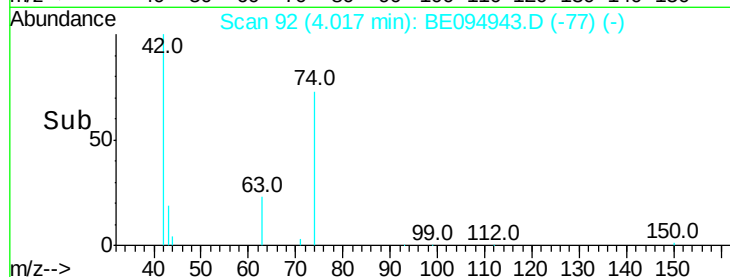
44 26.7 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

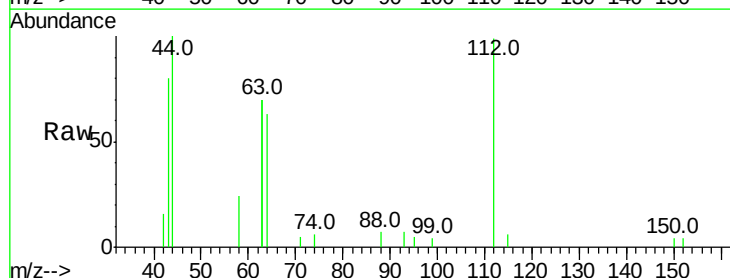
Tgt Ion: 112 Resp: 2308

Ion Ratio Lower Upper

112 100

64 79.4 60.1 90.1

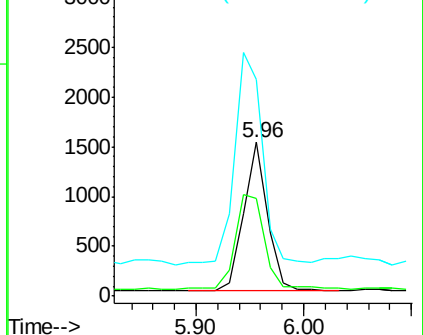
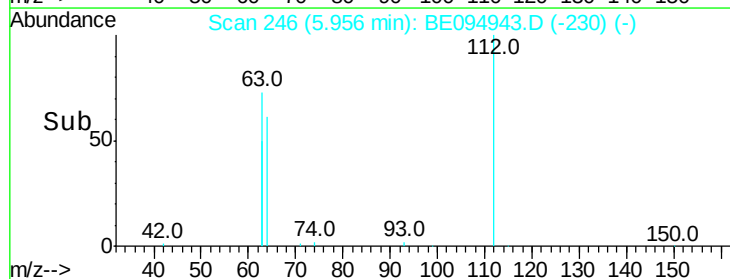
63 166.0 116.8 175.2

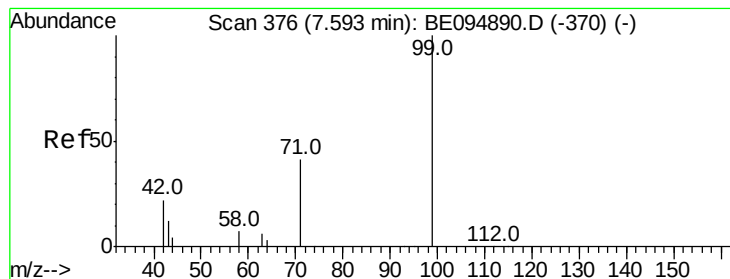


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.115 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

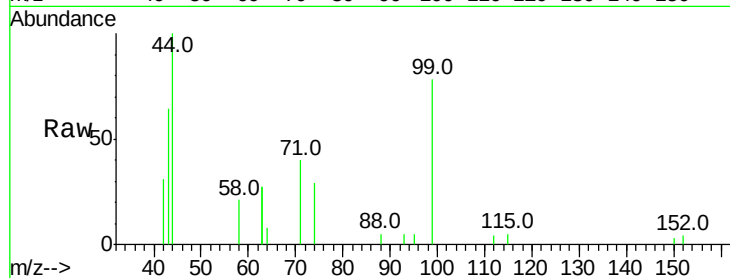
Tot Ion: 99 Resp: 2140

Ion Ratio Lower Upper

99 100

42 49.8 20.2 30.2#

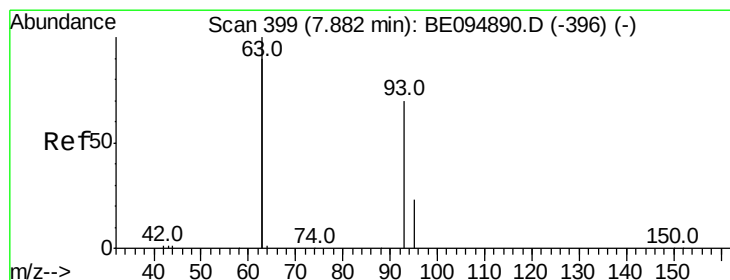
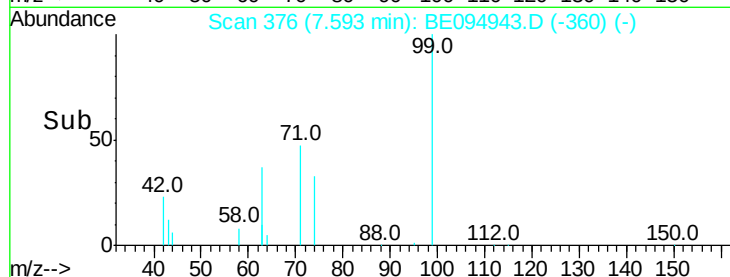
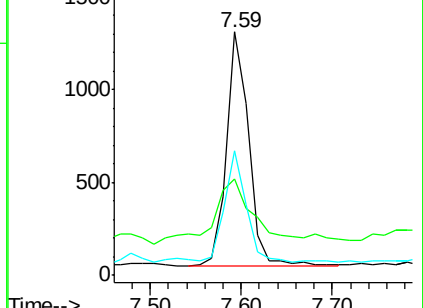
71 46.1 28.4 42.6#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

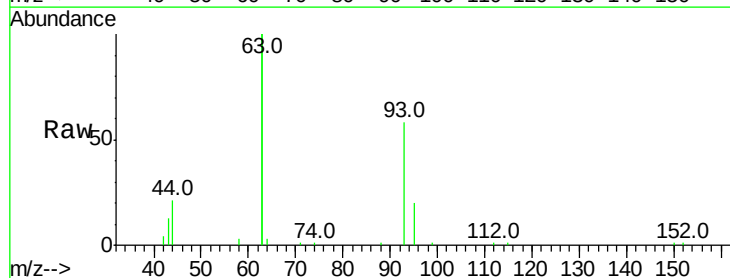
Tgt Ion: 93 Resp: 7357

Ion Ratio Lower Upper

93 100

63 345.7 275.3 412.9

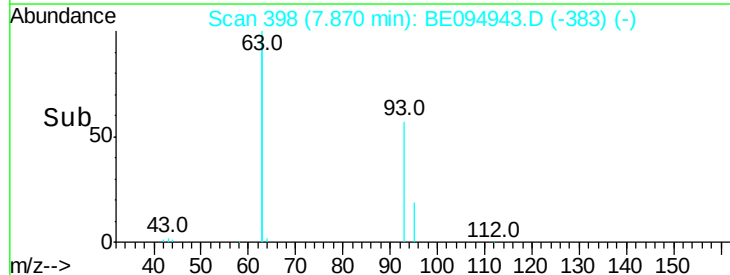
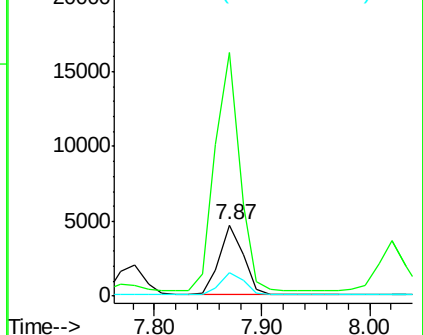
95 32.1 25.2 37.8

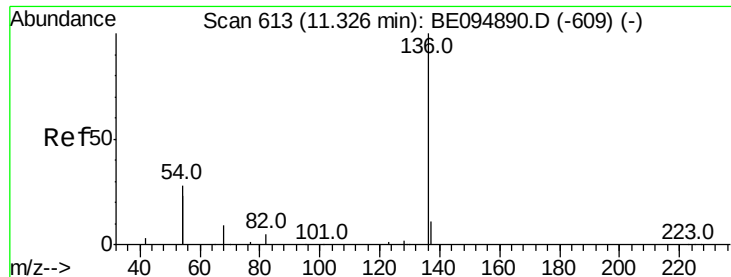


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

Tot Ion:136 Resp: 18113

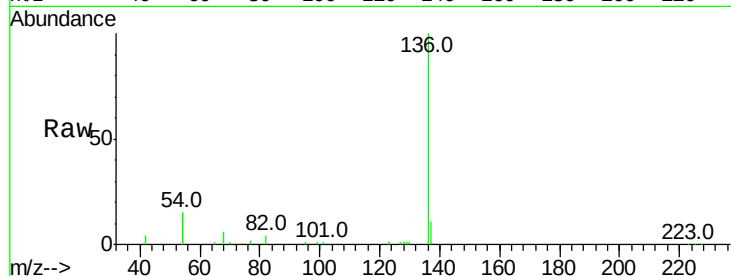
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 30.1 29.1 43.7

68 6.4 6.2 9.2

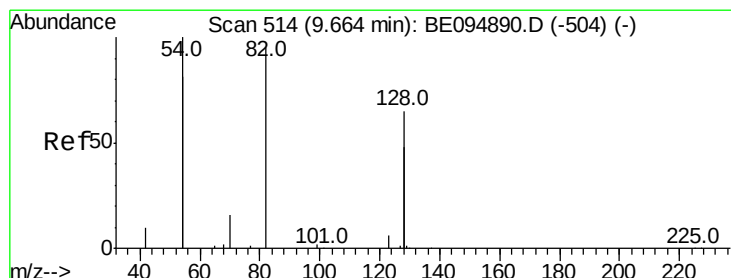
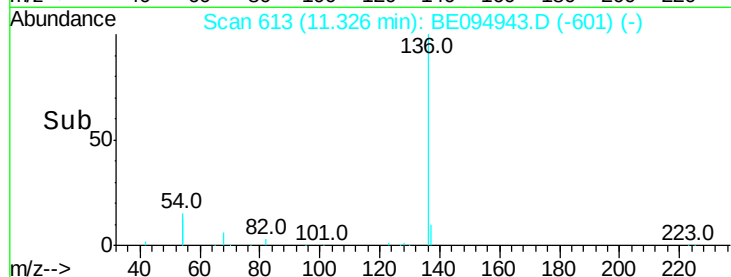
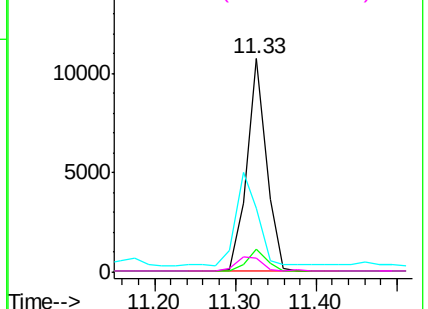


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.582 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

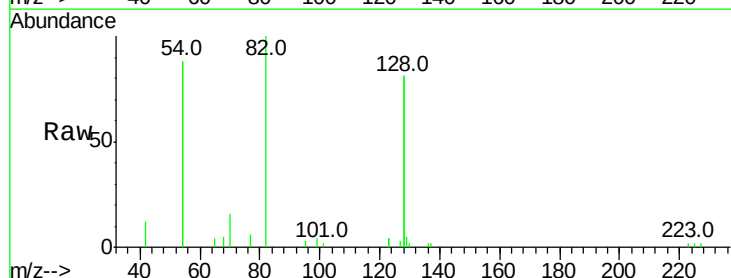
Tgt Ion: 82 Resp: 6244

Ion Ratio Lower Upper

82 100

128 162.9 150.0 225.0

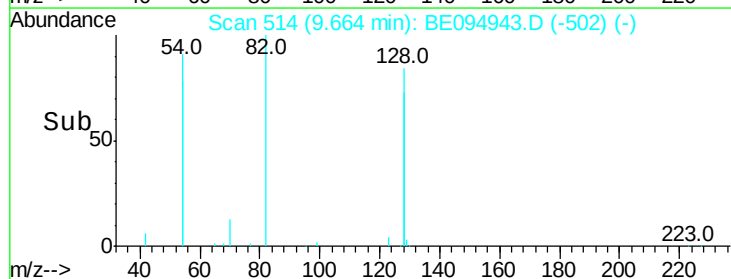
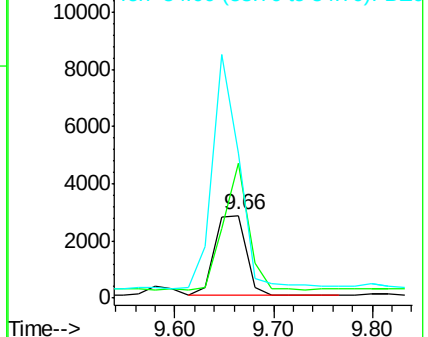
54 176.5 154.2 231.4

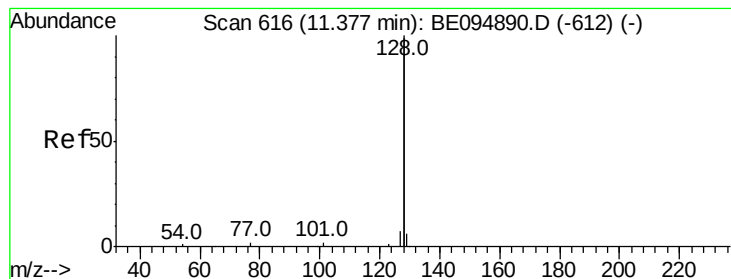


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.414 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

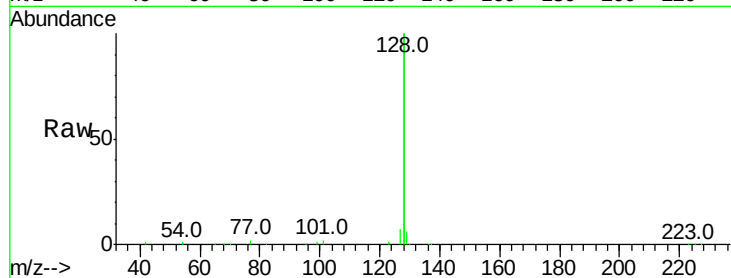
Tot Ion:128 Resp: 87850

Ion Ratio Lower Upper

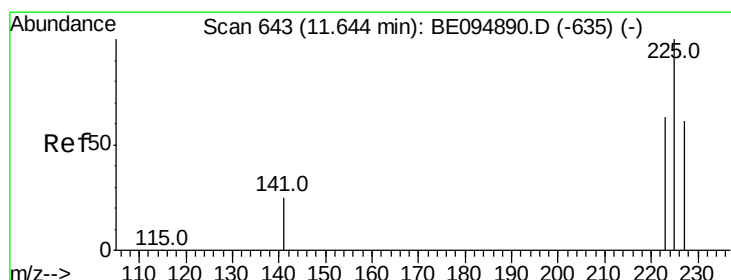
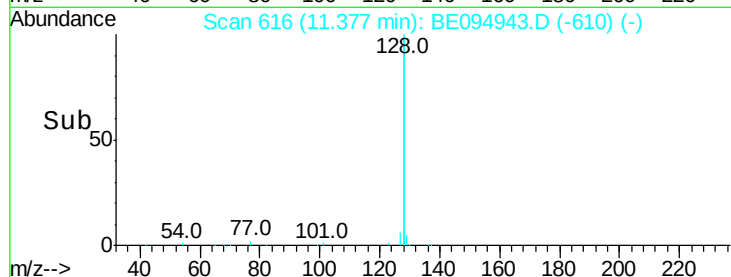
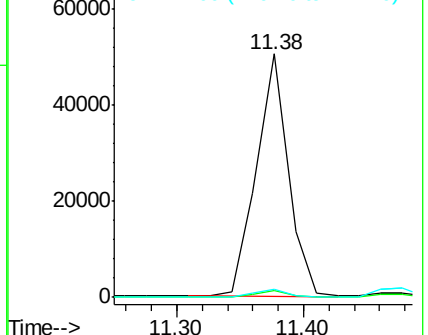
128 100

129 2.8 2.6 3.8

127 3.4 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



#10

Hexachlorobutadiene

Concen: 0.411 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

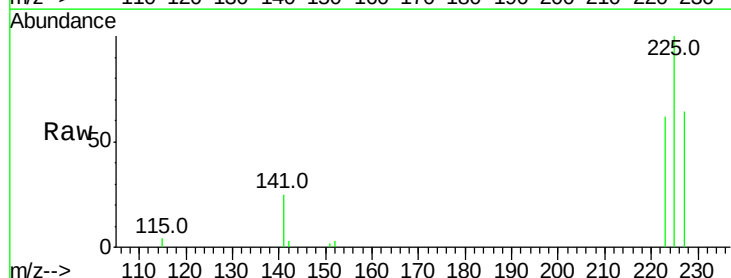
Tgt Ion:225 Resp: 3681

Ion Ratio Lower Upper

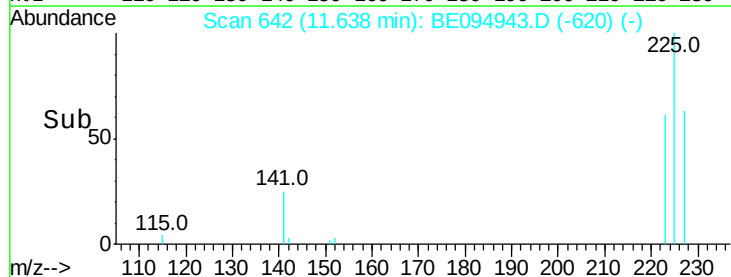
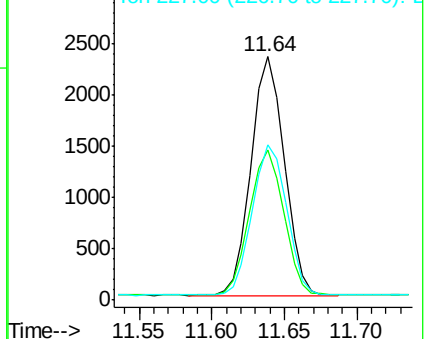
225 100

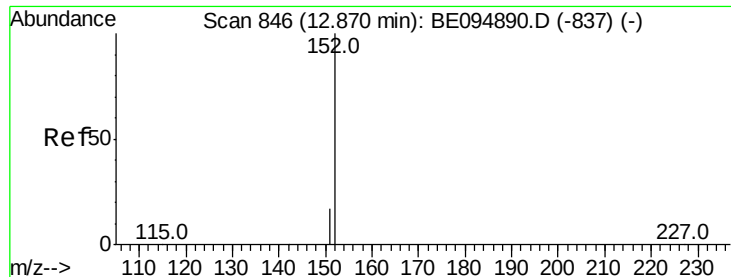
223 62.3 53.0 79.6

227 65.4 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

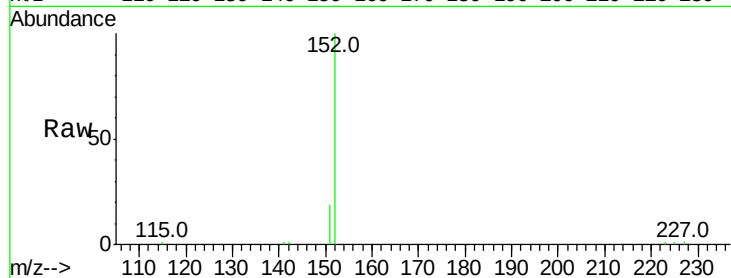
FT-MW01S-20171130MSD

Tot Ion:152 Resp: 12056

Ion Ratio Lower Upper

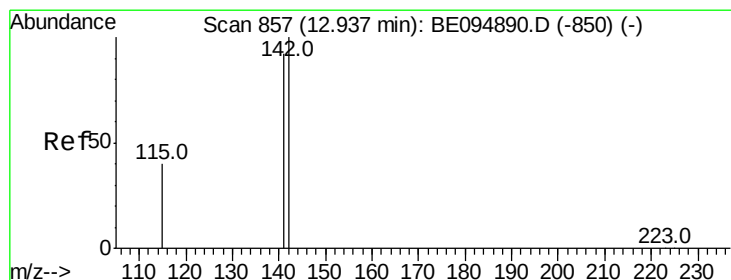
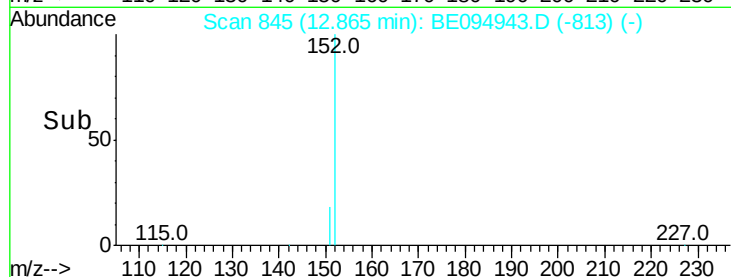
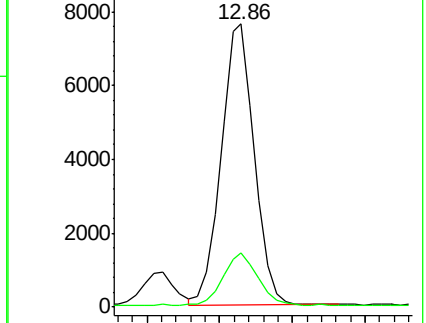
152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.93 min Scan# 856

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

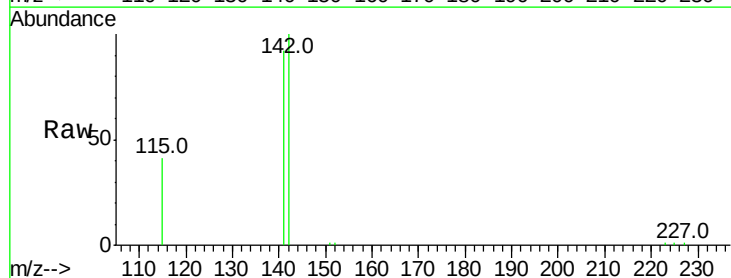
Tgt Ion:142 Resp: 21508

Ion Ratio Lower Upper

142 100

141 92.1 70.4 105.6

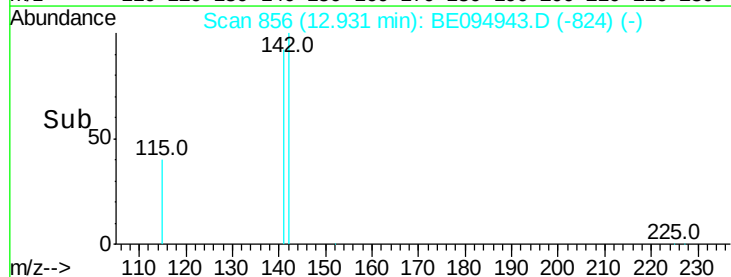
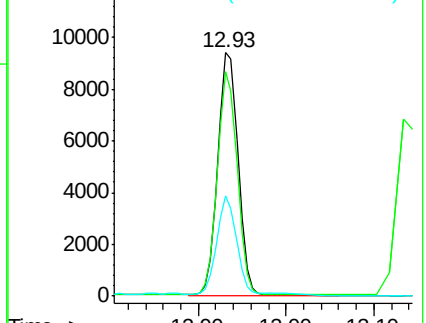
115 41.0 31.7 47.5

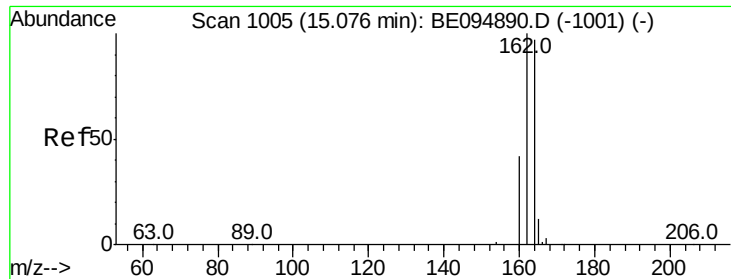


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

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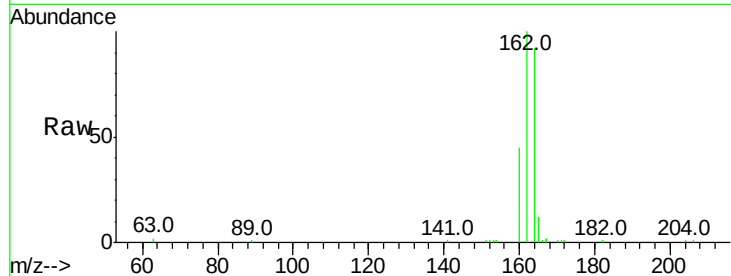
Tot Ion:164 Resp: 10637

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

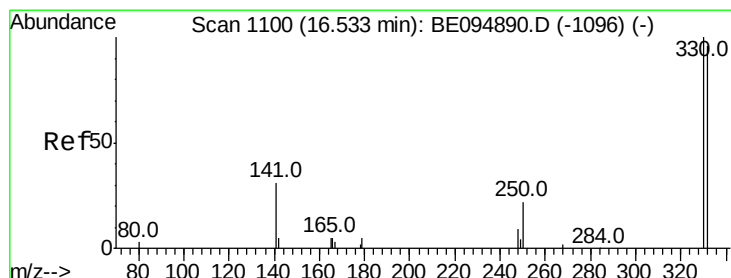
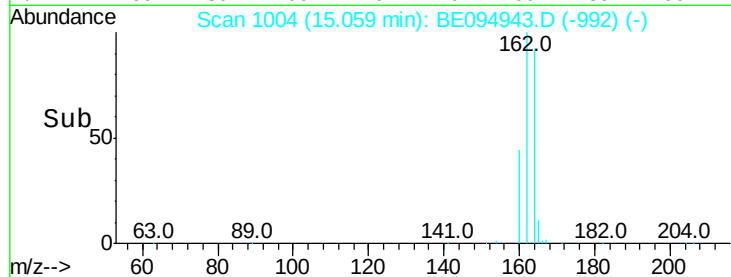
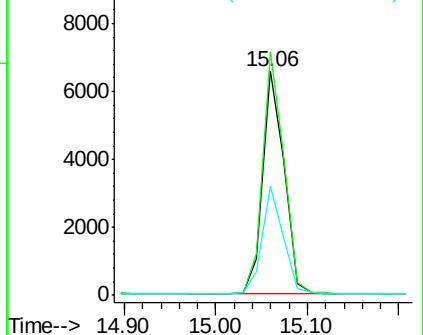
160 48.6 37.1 55.7



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: 0.521 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

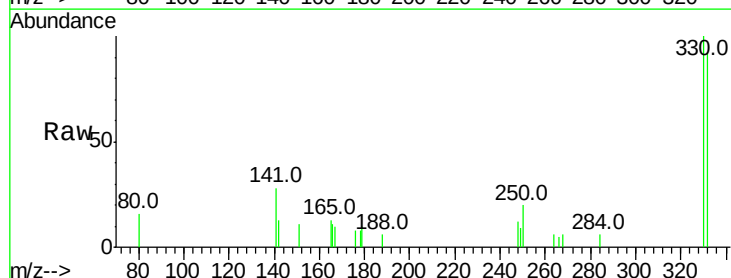
Tgt Ion:330 Resp: 1205

Ion Ratio Lower Upper

330 100

332 95.3 152.7 229.1#

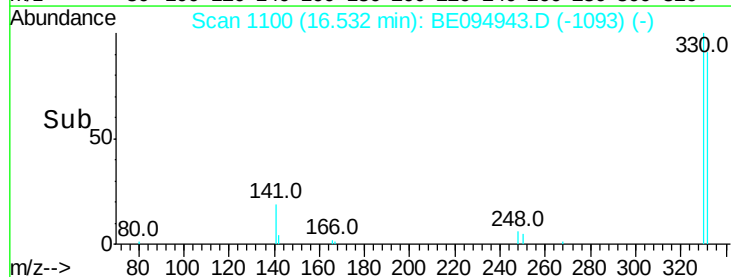
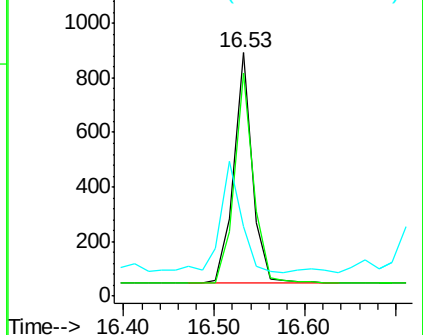
141 53.4 33.7 50.5#

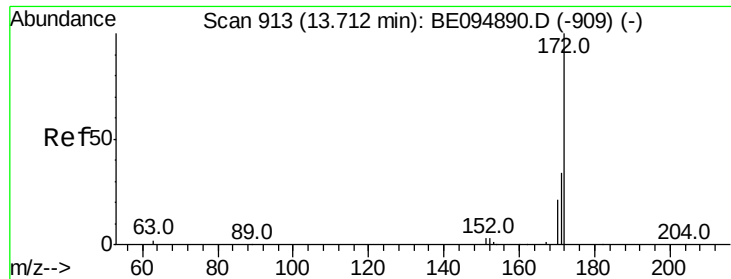


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

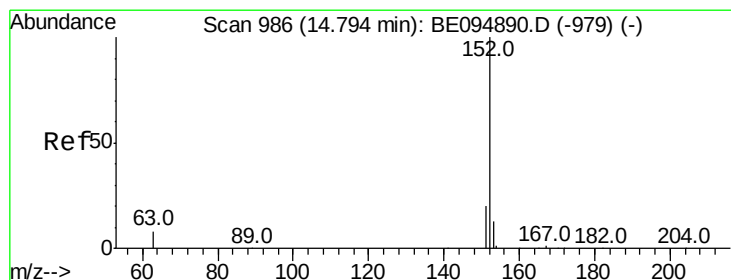
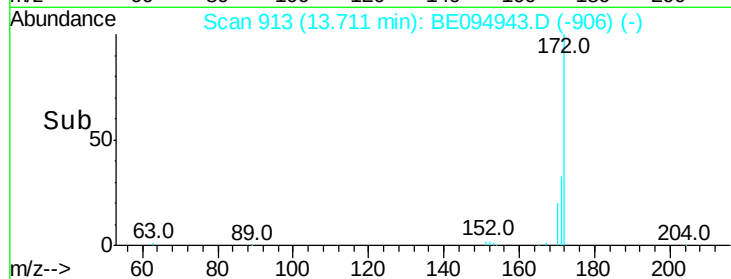
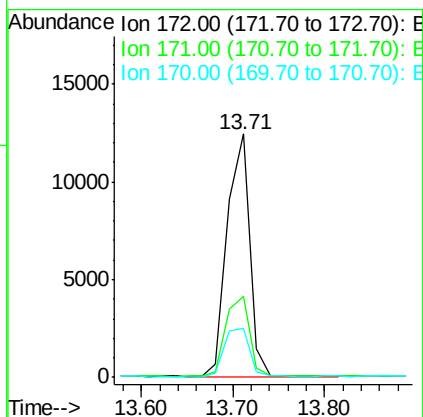
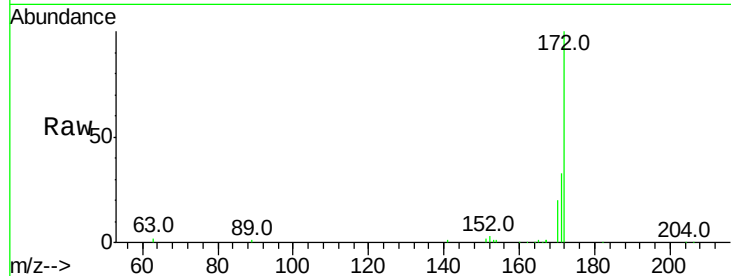




#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094943.D
Acq: 6 Dec 2017 8:06

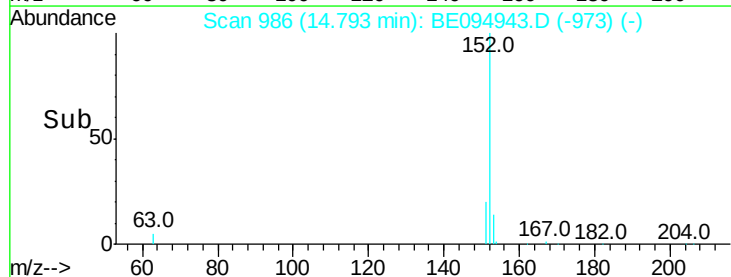
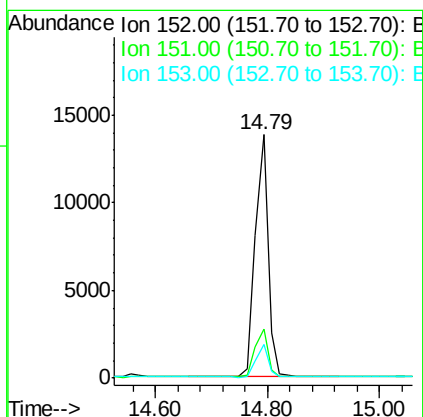
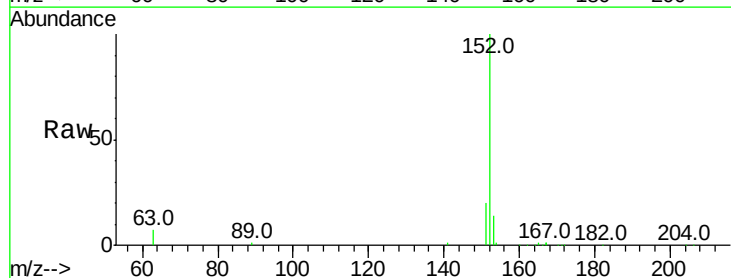
Instrument :
BNA_E
ClientSampleId :
FT-MW01S-20171130MSD

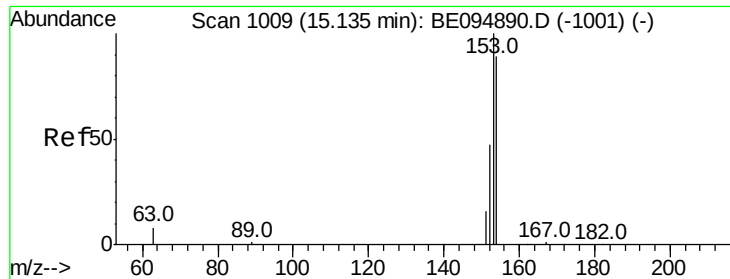
Tot Ion:172 Resp: 21034
Ion Ratio Lower Upper
172 100
171 33.3 29.9 44.9
170 20.1 21.8 32.8#



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094943.D
Acq: 6 Dec 2017 8:06

Tgt Ion:152 Resp: 22564
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.372 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

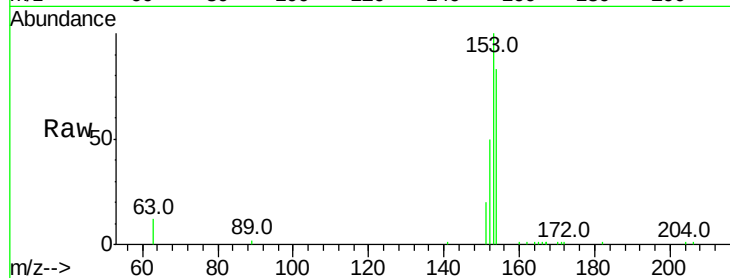
Tot Ion:154 Resp: 14459

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

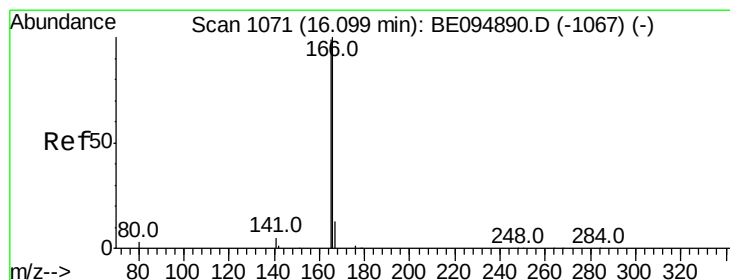
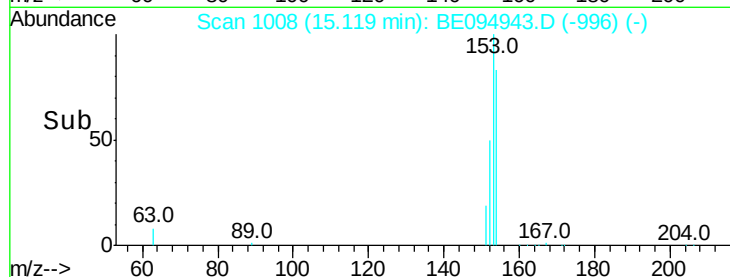
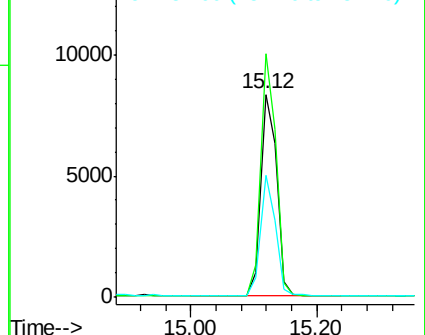
152 56.2 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.383 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

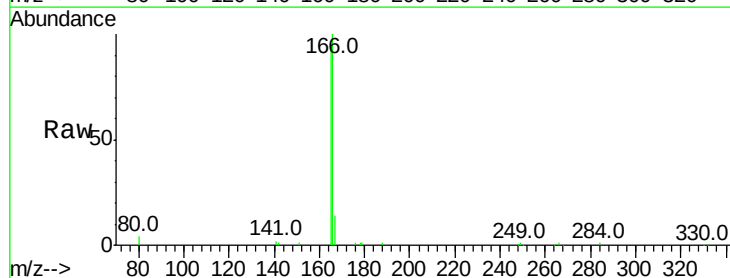
Tgt Ion:166 Resp: 18938

Ion Ratio Lower Upper

166 100

165 100.9 77.8 116.6

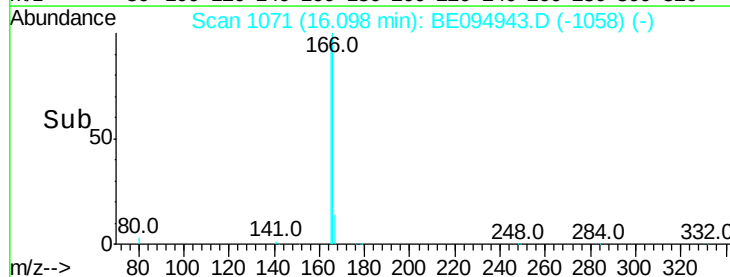
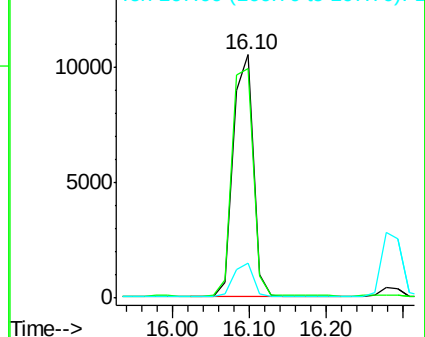
167 13.5 42.4 63.6#

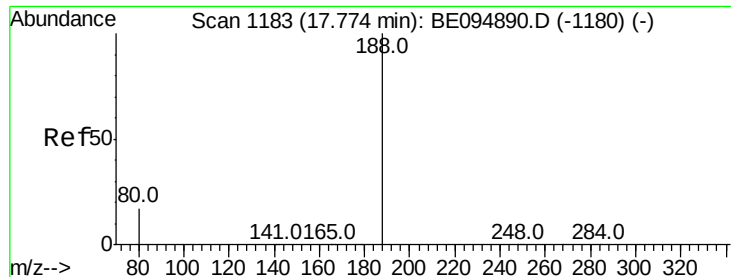


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

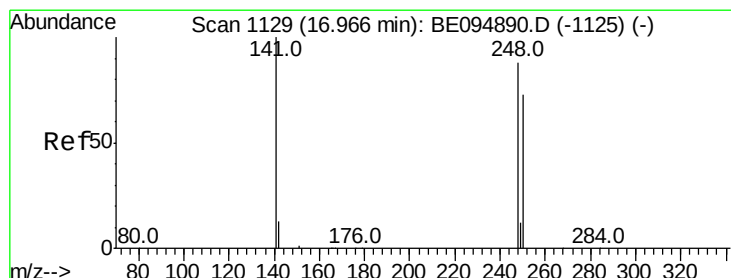
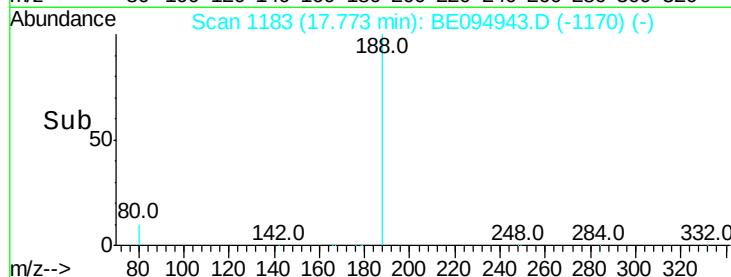
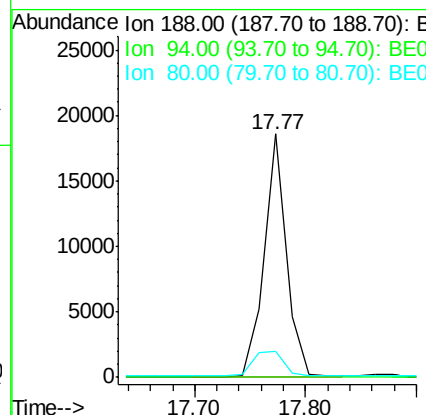
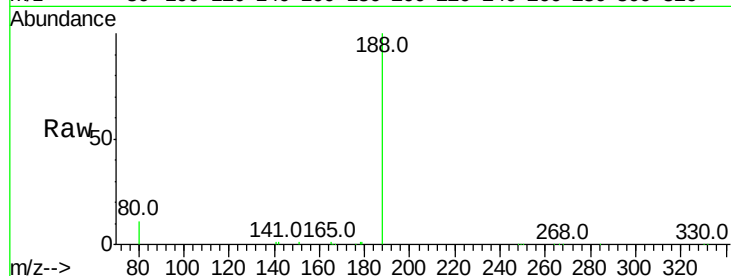




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094943.D
Acq: 6 Dec 2017 8:06

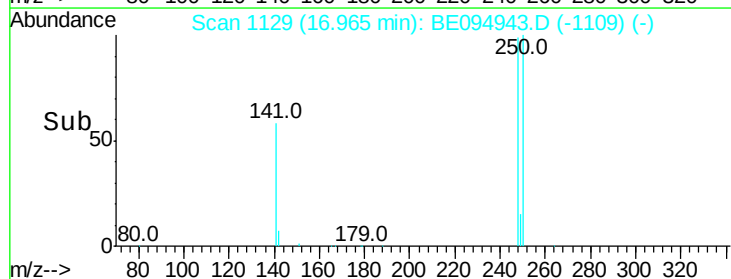
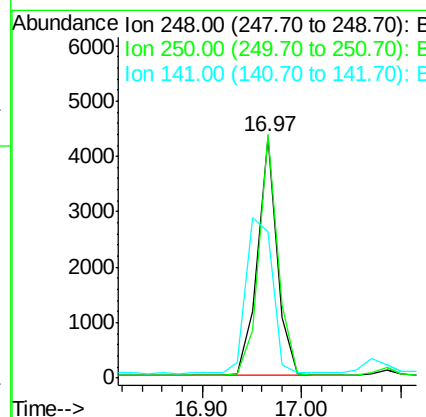
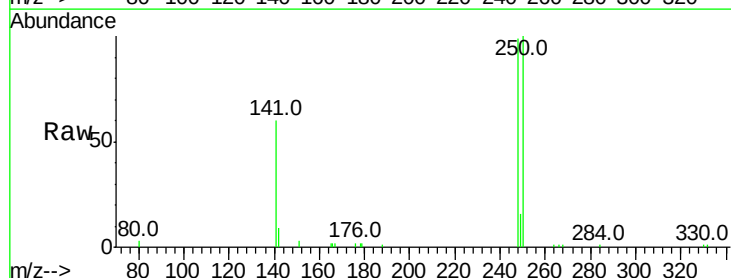
Instrument :
BNA_E
ClientSampleId :
FT-MW01S-20171130MSD

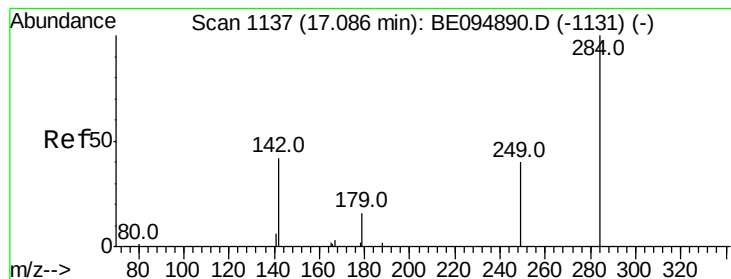
Tot Ion:188 Resp: 25577
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.7 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094943.D
Acq: 6 Dec 2017 8:06

Tgt Ion:248 Resp: 5876
Ion Ratio Lower Upper
248 100
250 100.9 62.7 94.1#
141 60.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

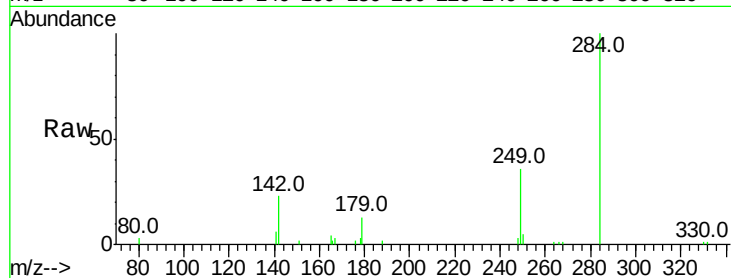
Tot Ion:284 Resp: 5645

Ion Ratio Lower Upper

284 100

142 42.1 22.1 33.1#

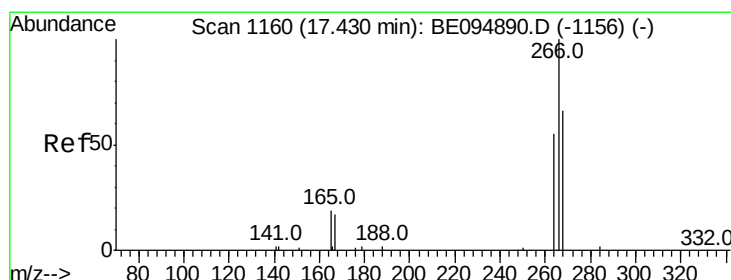
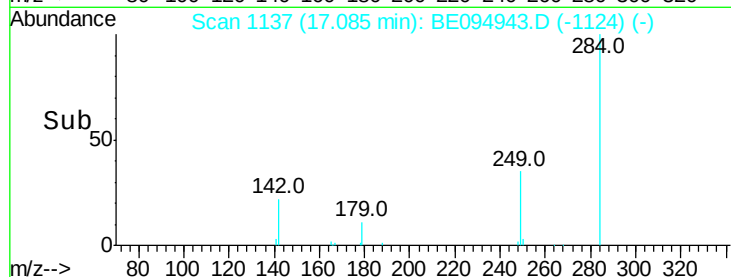
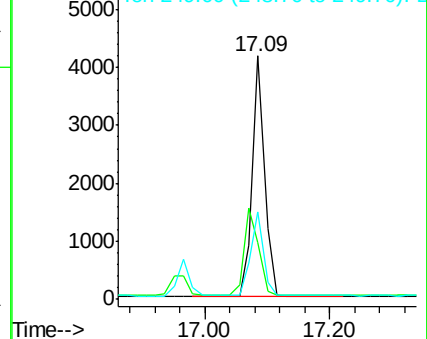
249 36.0 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.706 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

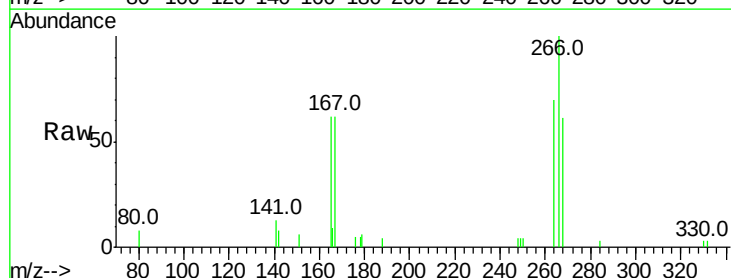
Tgt Ion:266 Resp: 2639

Ion Ratio Lower Upper

266 100

264 70.5 72.5 108.7#

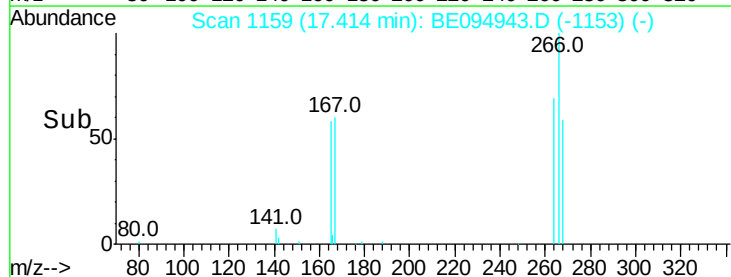
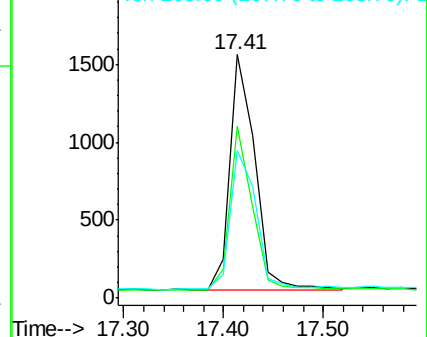
268 60.9 73.8 110.6#

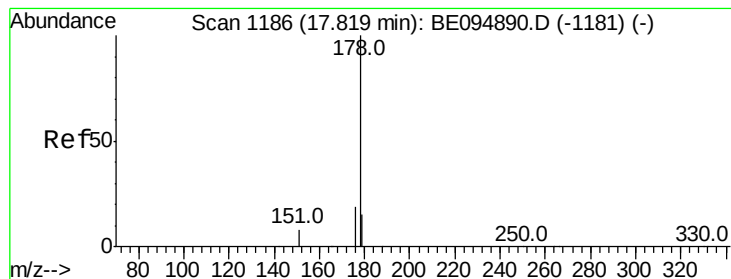


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

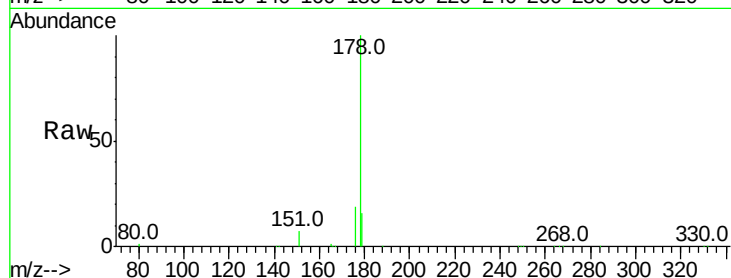
BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

Tot Ion:178 Resp: 31894

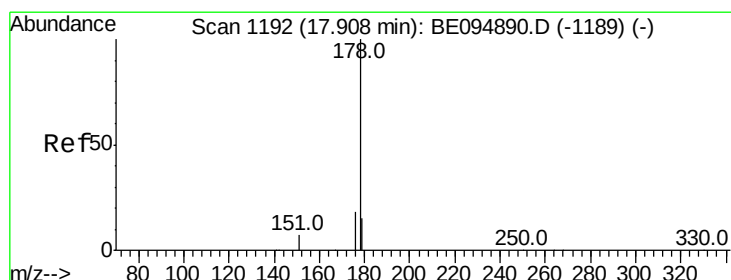
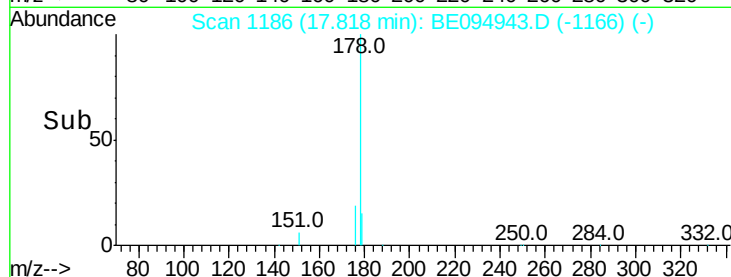
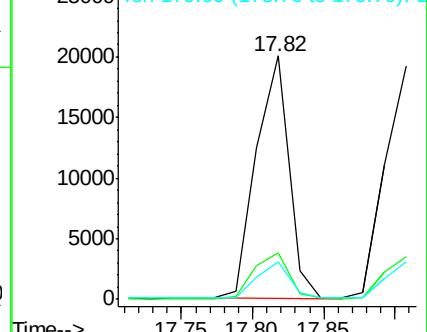
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.4	11.8	17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.396 ng

RT: 17.91 min Scan# 1192

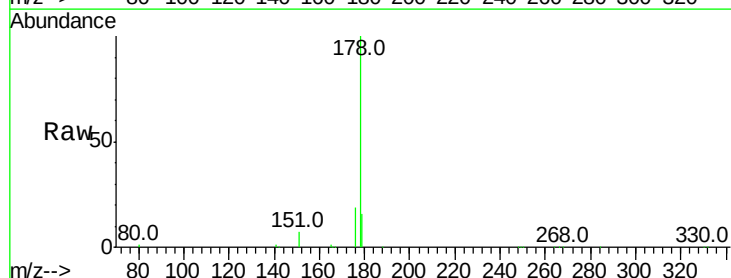
Delta R.T. -0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Tgt Ion:178 Resp: 34201

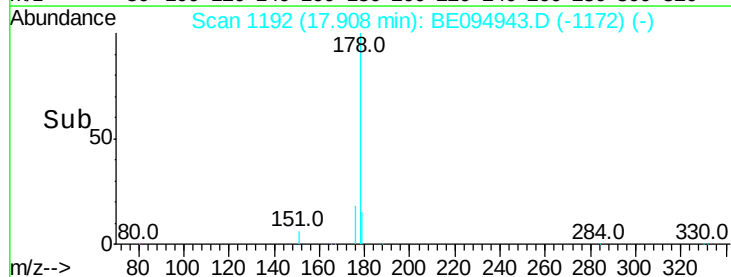
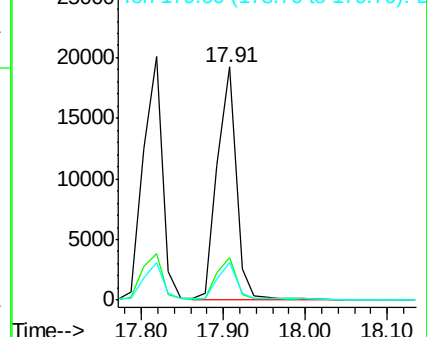
Ion	Ratio	Lower	Upper
178	100		
176	20.3	12.8	19.2#
179	17.6	13.0	19.6

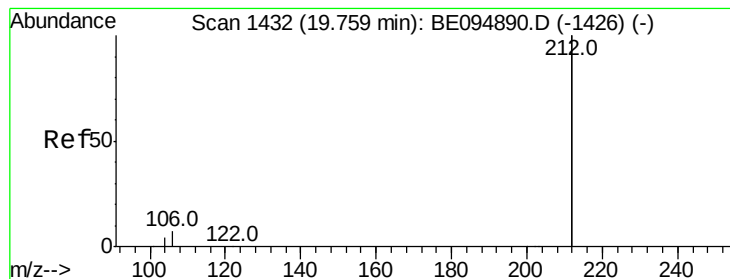


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

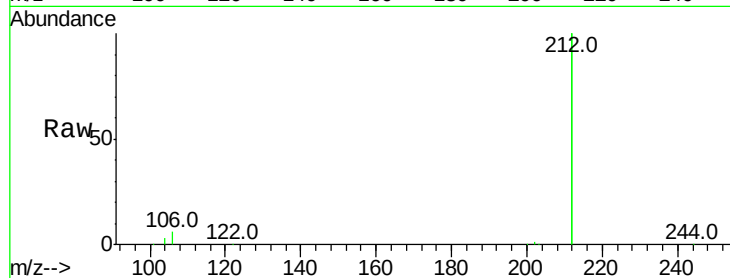
Tot Ion:212 Resp: 140751

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

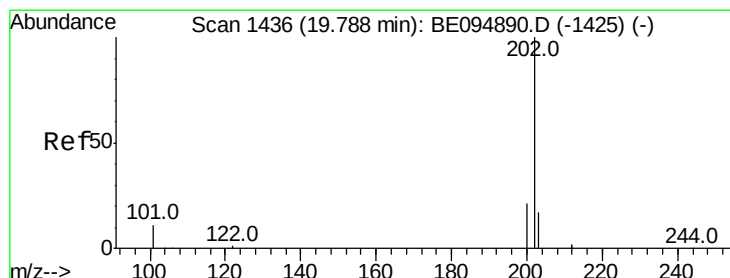
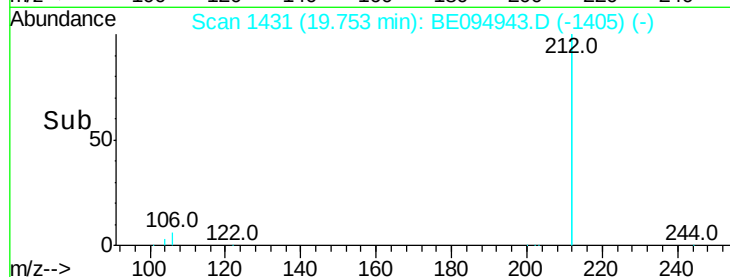
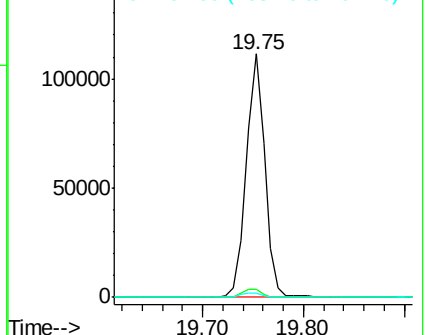
104 1.9 1.6 2.4



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



#26

Fluoranthene

Concen: 0.392 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

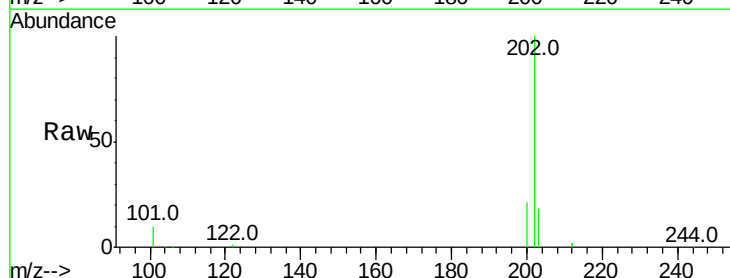
Tgt Ion:202 Resp: 41046

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

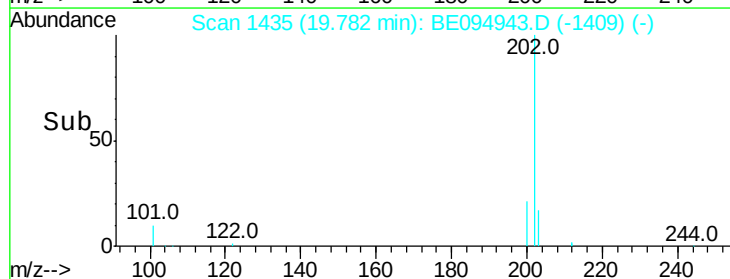
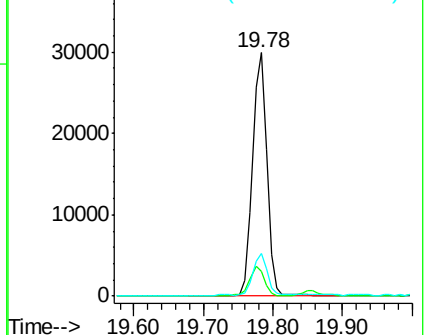
203 17.0 13.7 20.5

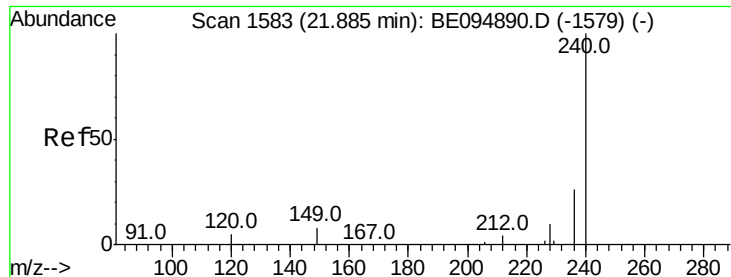


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

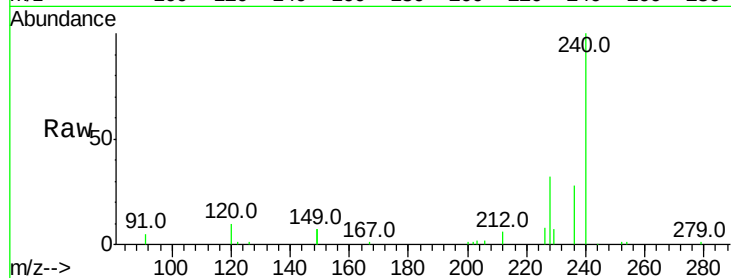
Tot Ion:240 Resp: 28423

Ion Ratio Lower Upper

240 100

120 10.5 5.5 8.3#

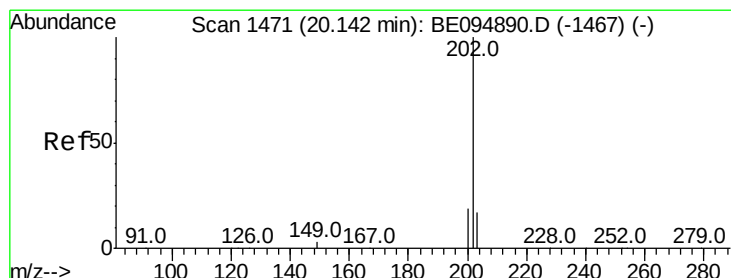
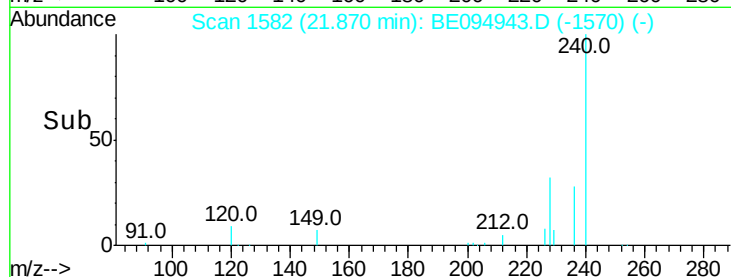
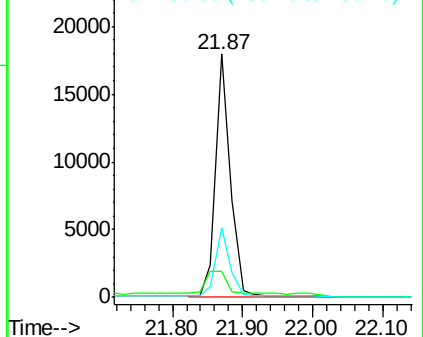
236 28.3 20.7 31.1



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: 0.434 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

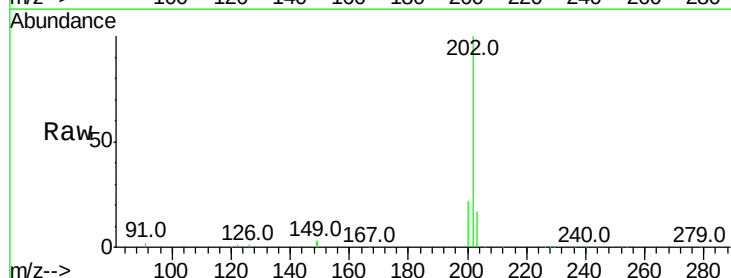
Tgt Ion:202 Resp: 42553

Ion Ratio Lower Upper

202 100

200 24.2 16.6 25.0

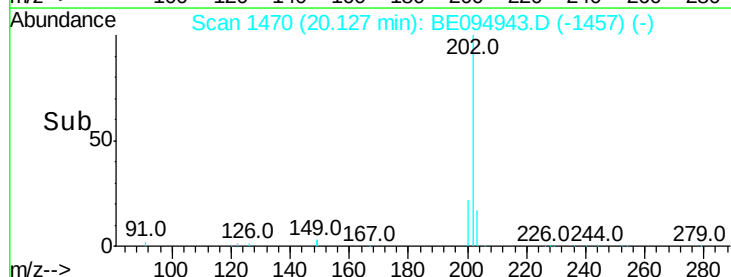
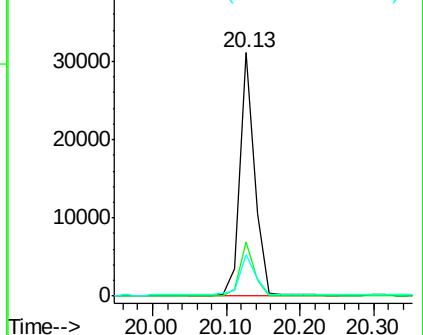
203 19.4 13.8 20.8

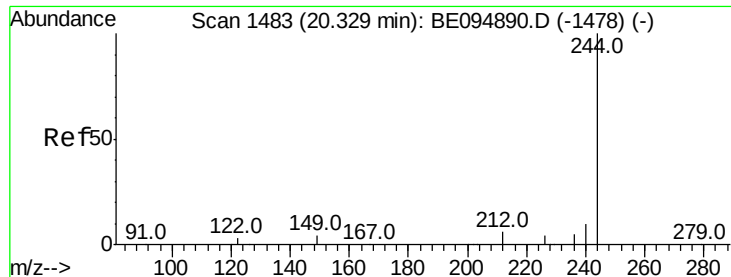


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.547 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

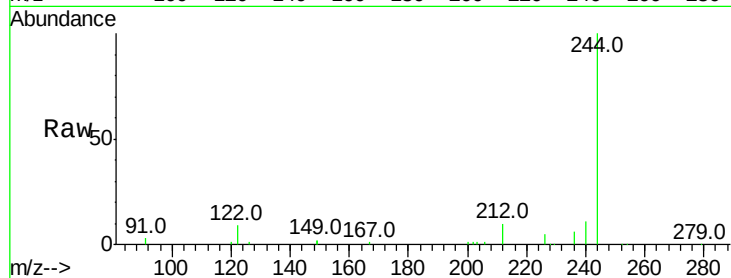
Tot Ion:244 Resp: 28711

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

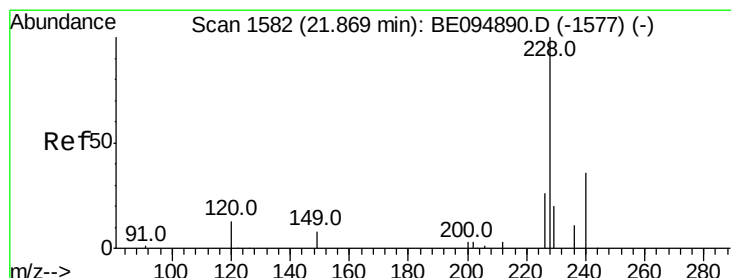
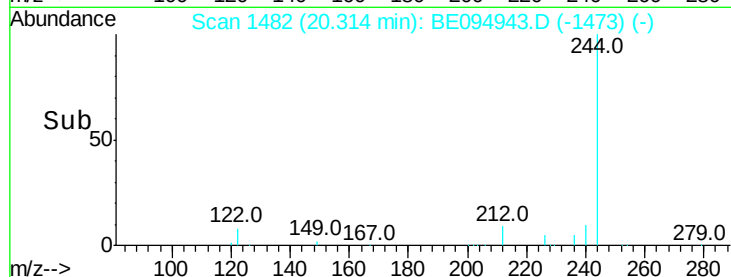
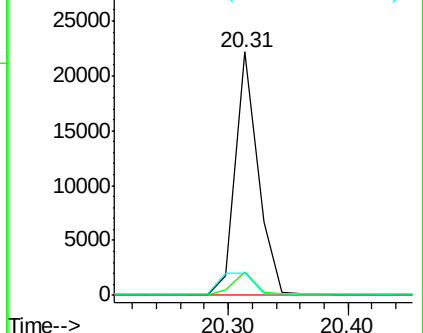
122 9.1 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.437 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

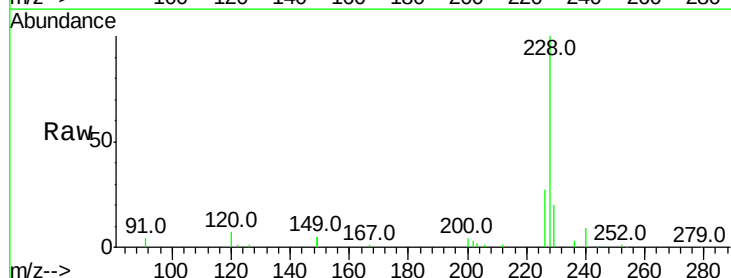
Tgt Ion:228 Resp: 38097

Ion Ratio Lower Upper

228 100

226 27.0 40.0 60.0#

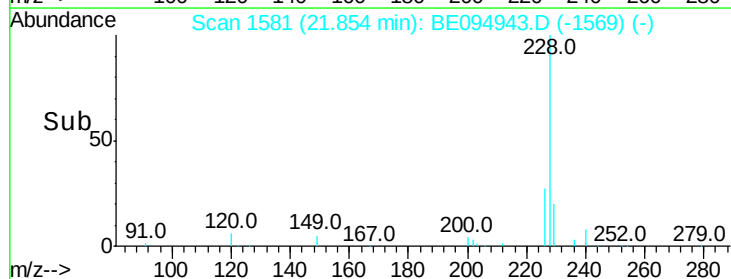
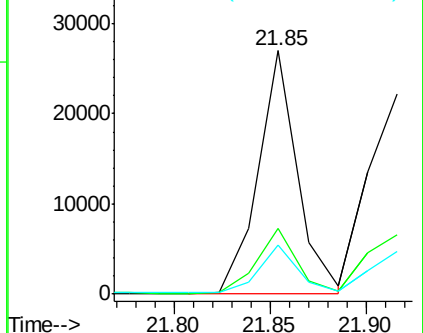
229 20.4 40.0 60.0#

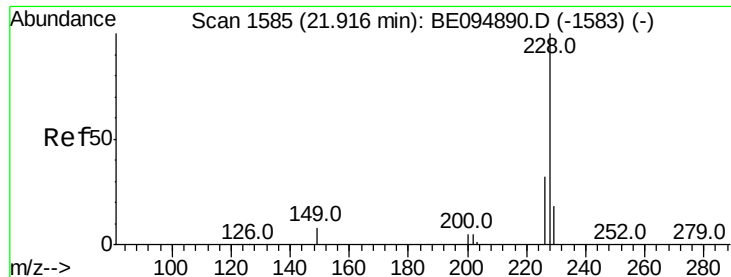


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

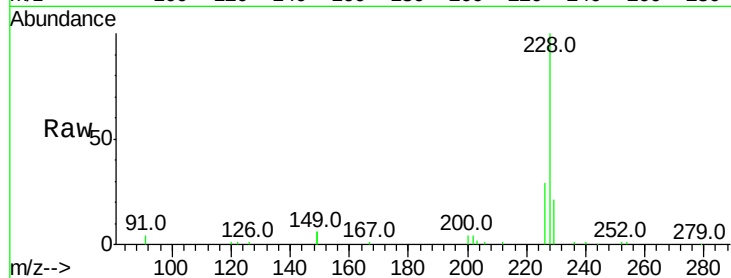
Tot Ion:228 Resp: 39362

Ion Ratio Lower Upper

228 100

226 29.5 40.0 60.0#

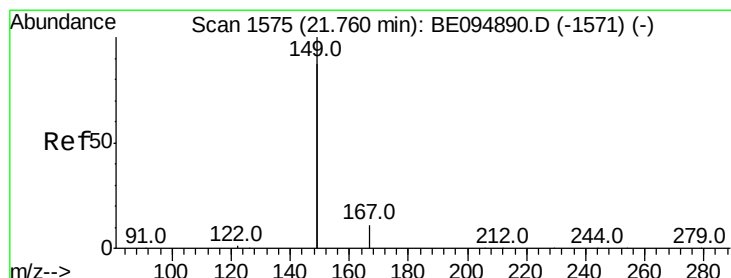
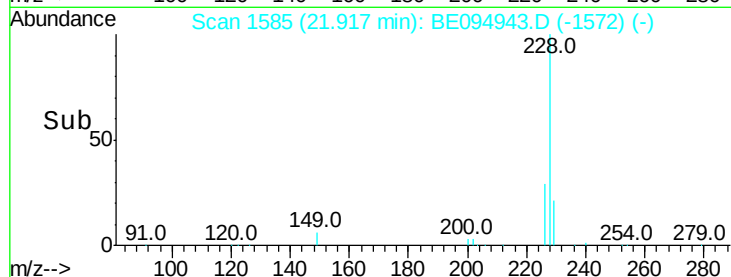
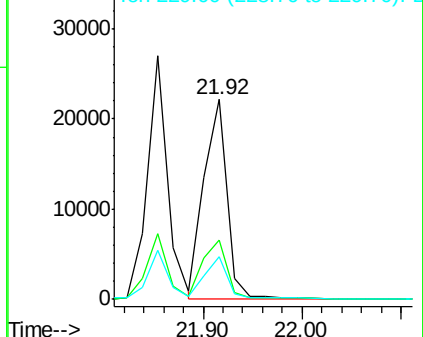
229 21.1 40.0 60.0#



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: 0.625 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

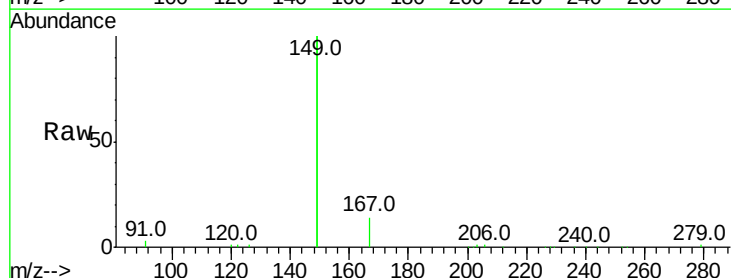
Tgt Ion:149 Resp: 90223

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

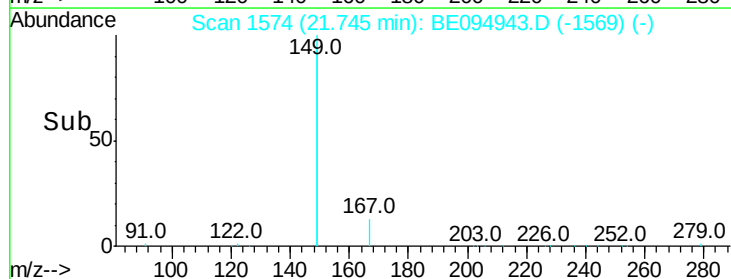
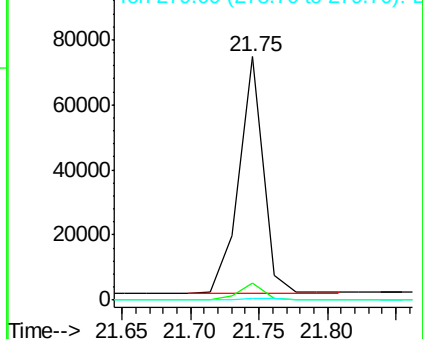
279 0.8 0.7 1.1

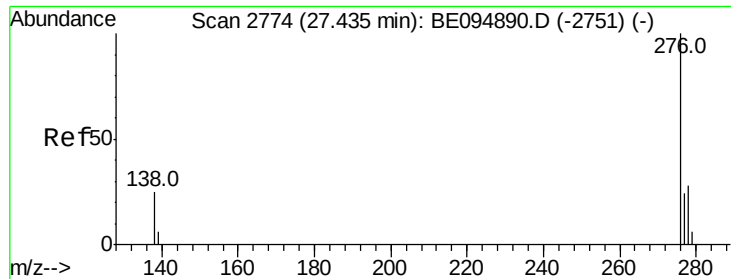


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng

RT: 27.41 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

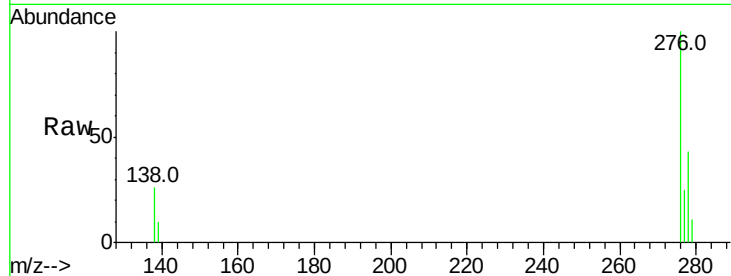
Tot Ion:276 Resp: 33152

Ion Ratio Lower Upper

276 100

138 27.2 22.5 33.7

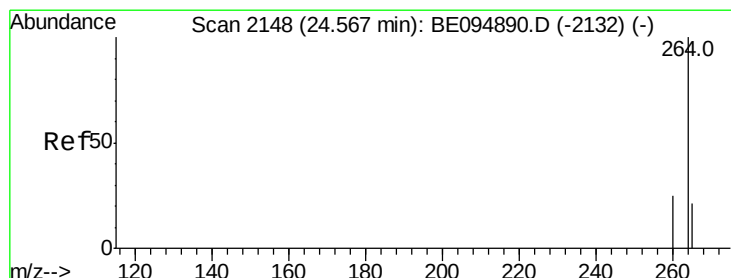
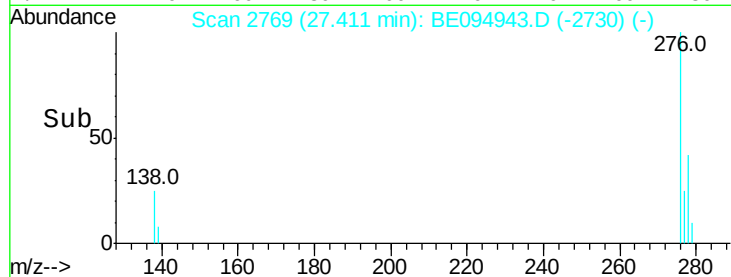
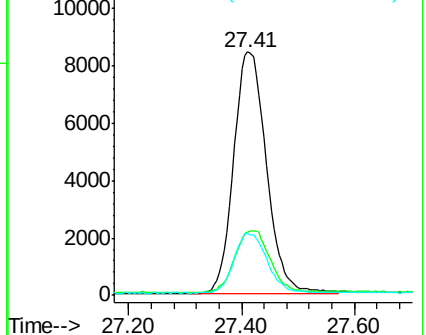
277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.55 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

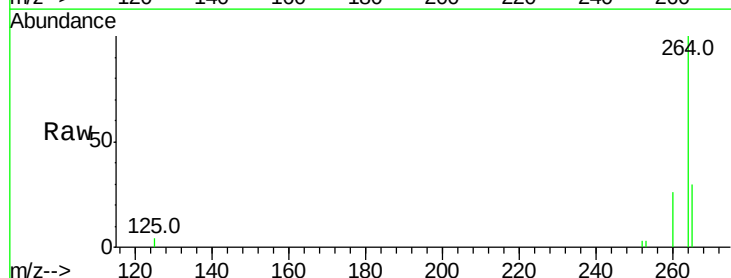
Tgt Ion:264 Resp: 22786

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

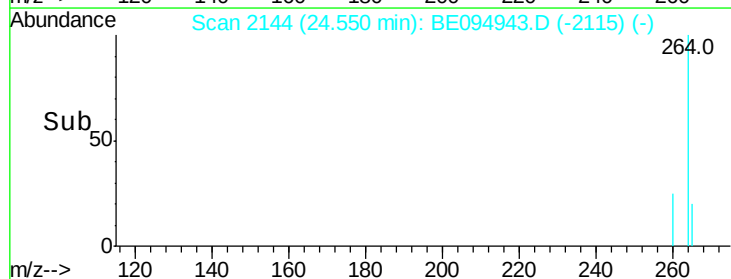
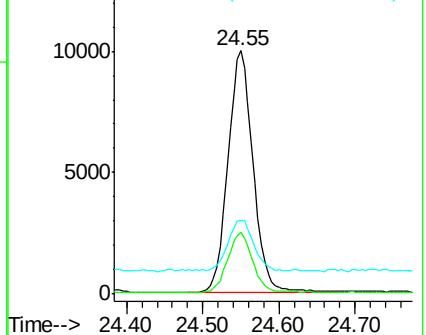
265 30.0 22.8 34.2

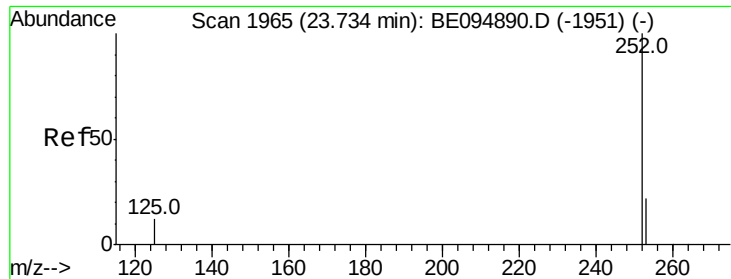


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.398 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

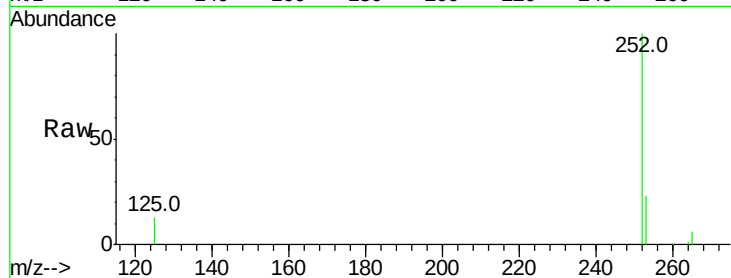
Tot Ion:252 Resp: 33111

Ion Ratio Lower Upper

252 100

253 22.9 48.0 72.0#

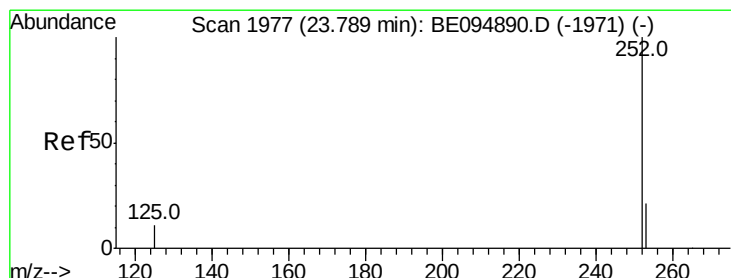
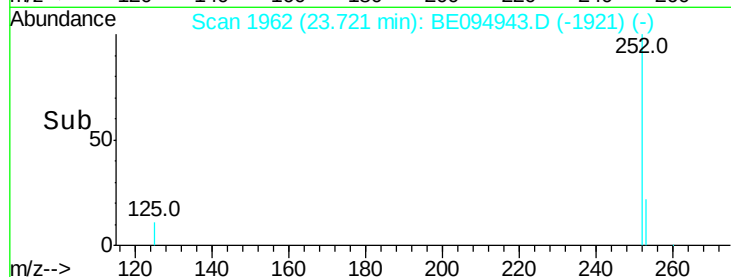
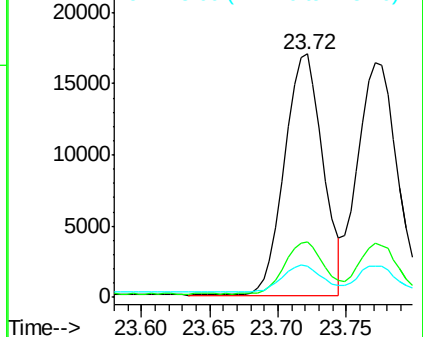
125 12.6 56.0 84.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.396 ng

RT: 23.77 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

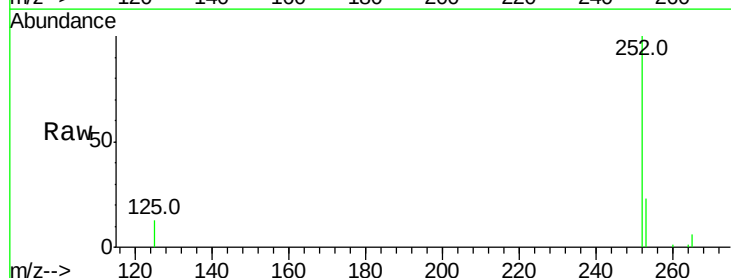
Tgt Ion:252 Resp: 33549

Ion Ratio Lower Upper

252 100

253 23.2 48.0 72.0#

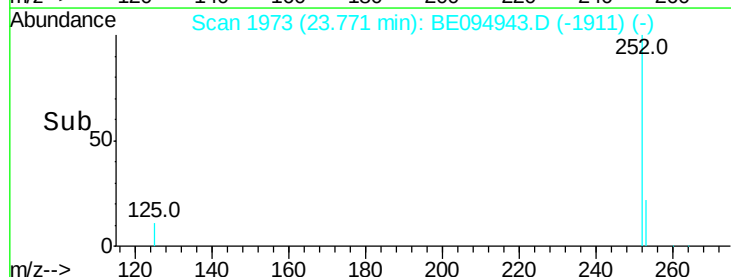
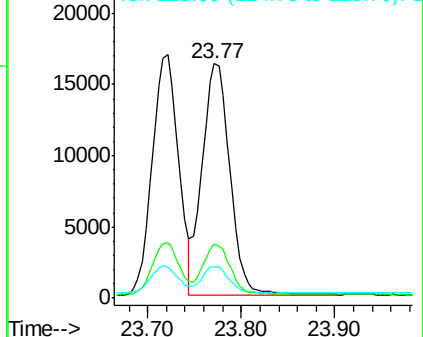
125 13.0 56.0 84.0#

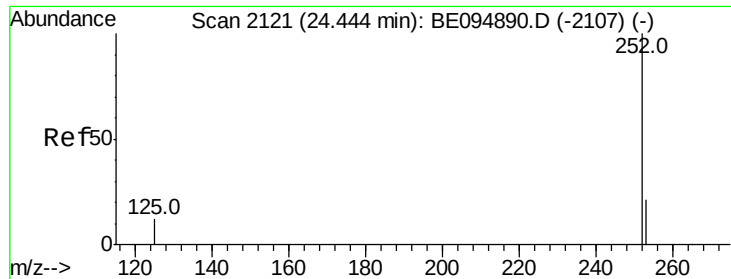


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD

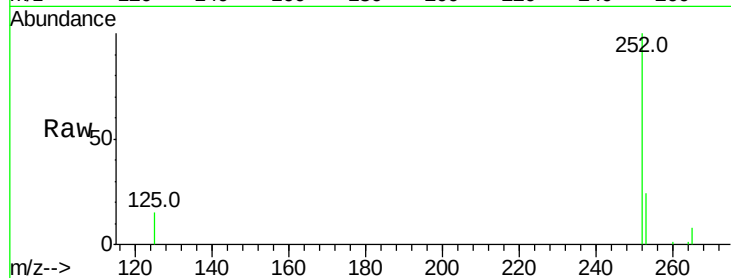
Tot Ion:252 Resp: 30480

Ion Ratio Lower Upper

252 100

253 23.8 52.0 78.0#

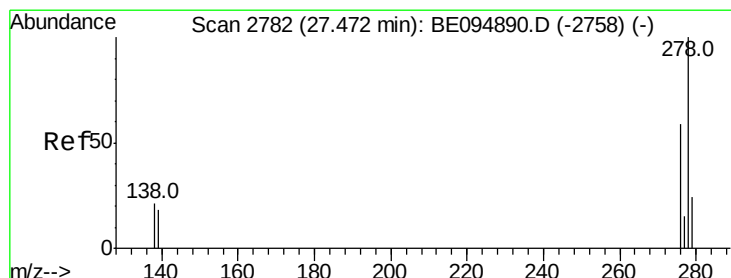
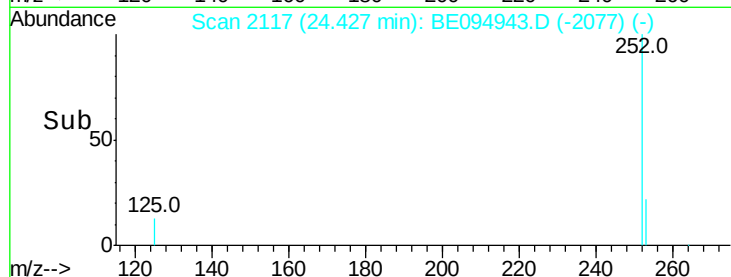
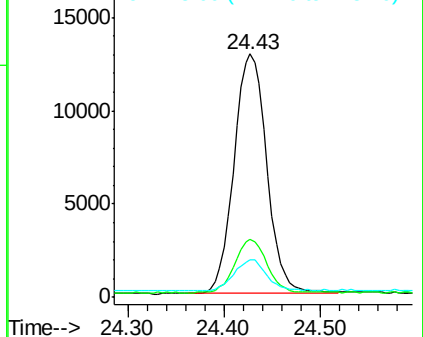
125 15.3 68.0 102.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.408 ng

RT: 27.44 min Scan# 2775

Delta R.T. -0.03 min

Lab File: BE094943.D

Acq: 6 Dec 2017 8:06

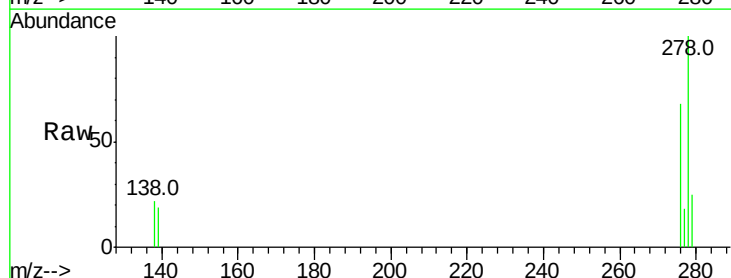
Tgt Ion:278 Resp: 27508

Ion Ratio Lower Upper

278 100

139 18.6 56.0 84.0#

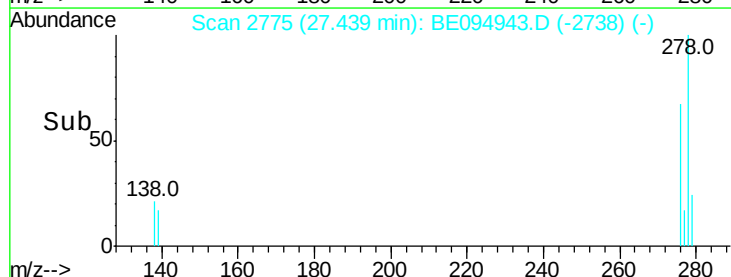
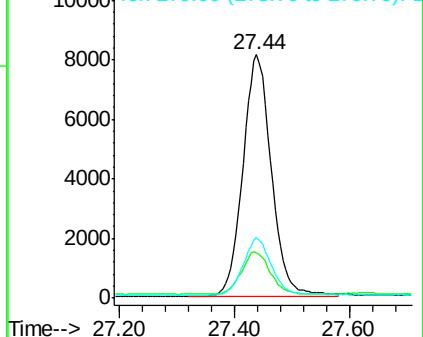
279 24.8 52.0 78.0#

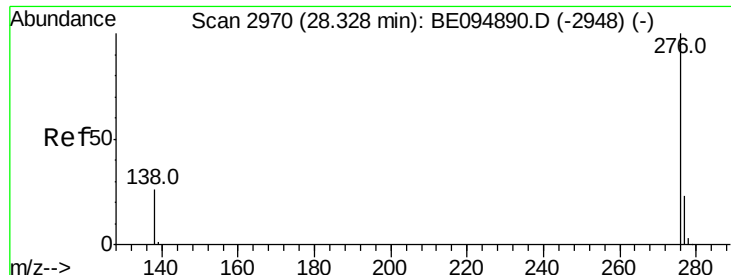


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.423 ng

RT: 28.30 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BE094943.D

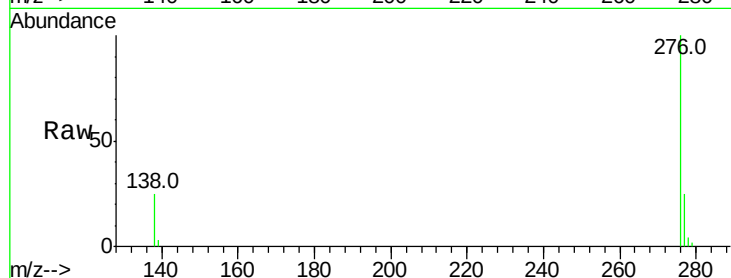
Acq: 6 Dec 2017 8:06

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MSD



Tot Ion: 276 Resp: 28435

Ion Ratio Lower Upper

276 100

277 24.8 52.0 78.0#

138 24.7 44.0 66.0#

