

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094967.D
 Acq On : 9 Dec 2017 2:12
 Operator : SJ/JU
 Sample : I6740-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-457S-20171204

Quant Time: Dec 09 02:59:31 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	7966	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17190	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	9665	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	23772	0.40	ng	0.00
27) Chrysene-d12	21.89	240	26588	0.40	ng	0.00
34) Perylene-d12	24.56	264	22194	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	1854	0.15	ng	0.00
5) Phenol-d6	7.60	99	1945	0.10	ng	0.00
8) Nitrobenzene-d5	9.66	82	6076	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	10089	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	960	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	23715	0.57	ng	0.00
25) Fluoranthene-d10	19.76	212	119762	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	27831	0.57	ng	0.00

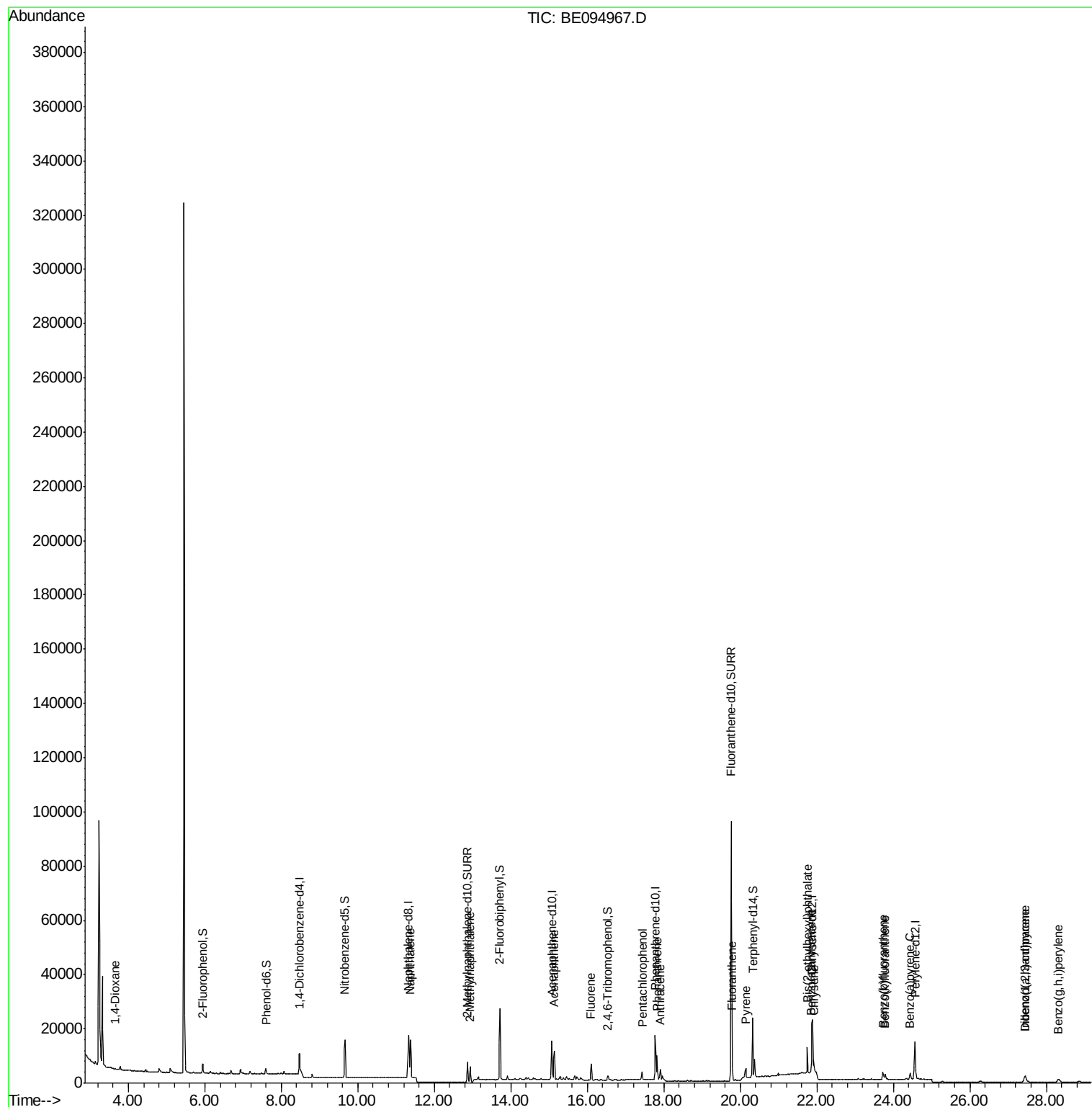
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	174	0.021	ng	# 1
9) Naphthalene	11.38	128	25351	0.126	ng	99
12) 2-Methylnaphthalene	12.94	142	6100	0.122	ng	95
17) Acenaphthene	15.14	154	5891	0.167	ng	96
18) Fluorene	16.10	166	4193	0.093	ng	# 79
22) Pentachlorophenol	17.43	266	1731	0.537	ng	# 75
23) Phenanthrene	17.82	178	8815	0.116	ng	97
24) Anthracene	17.91	178	5453	0.068	ng	# 84
26) Fluoranthene	19.79	202	6169	0.063	ng	99
28) Pylene	20.14	202	4245	0.046	ng	# 93
30) Benzo(a)anthracene	21.85	228	3844	0.047	ng	# 65
31) Chrysene	21.92	228	4750	0.053	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.75	149	11401	0.084	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.43	276	3184	0.043	ng	# 92
35) Benzo(b)fluoranthene	23.73	252	3665	0.045	ng	# 54
36) Benzo(k)fluoranthene	23.78	252	3084	0.037	ng	# 52
37) Benzo(a)pyrene	24.44	252	3093	0.044	ng	# 60
38) Dibenzo(a,h)anthracene	27.46	278	2598	0.040	ng	# 59
39) Benzo(g,h,i)perylene	28.31	276	2865	0.044	ng	# 62

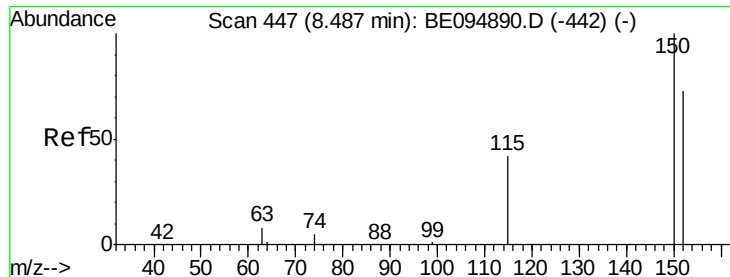
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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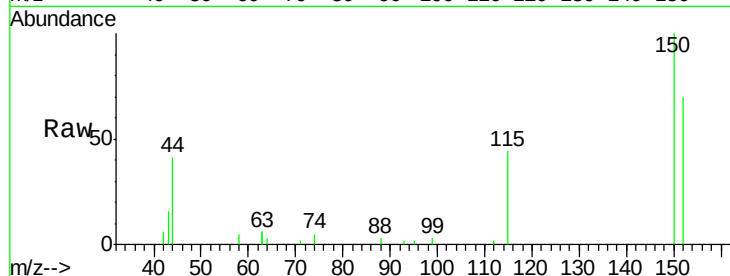


#1

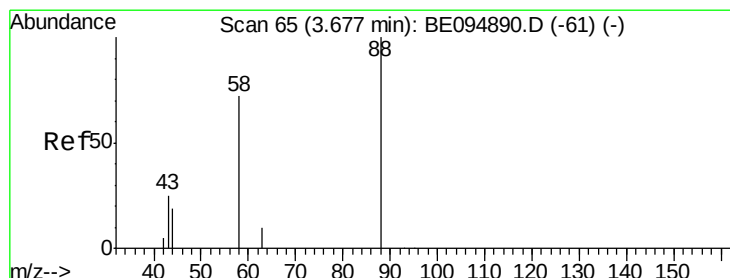
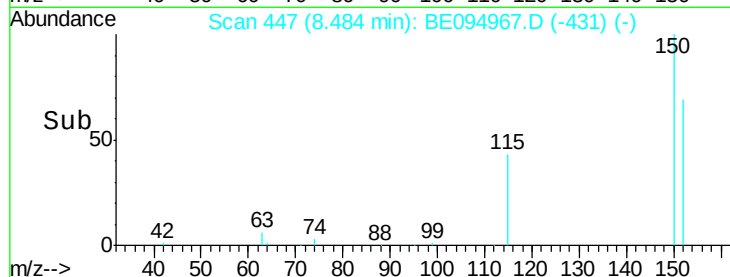
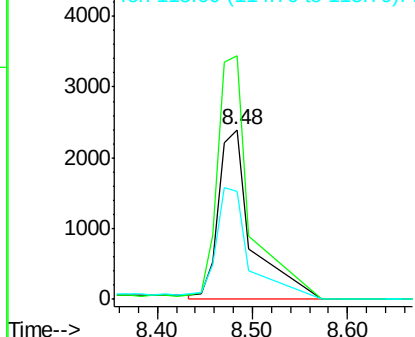
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094967.D
Acq: 9 Dec 2017 2:12

Instrument :
BNA_E
ClientSampleId :
FT-PZ-457S-20171204

Tot Ion:152 Resp: 7966
Ion Ratio Lower Upper
152 100
150 143.5 117.2 175.8
115 63.4 57.0 85.6



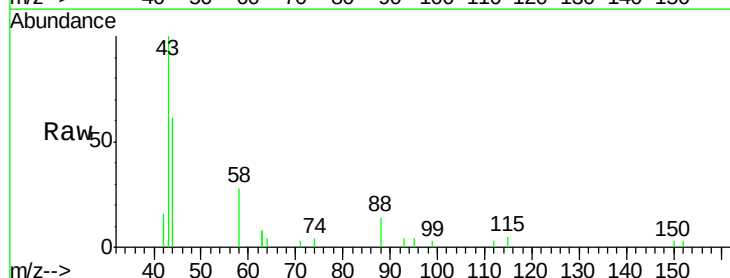
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



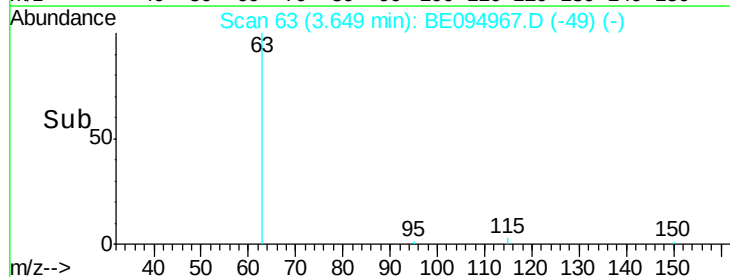
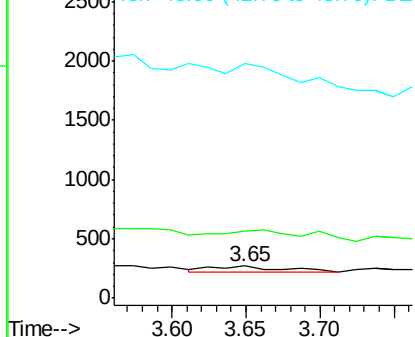
#2

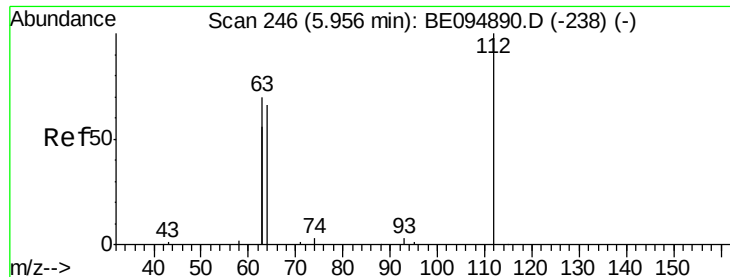
1,4-Dioxane
Concen: 0.021 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.03 min
Lab File: BE094967.D
Acq: 9 Dec 2017 2:12

Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
58 196.0 63.2 94.8#
43 0.0 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





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

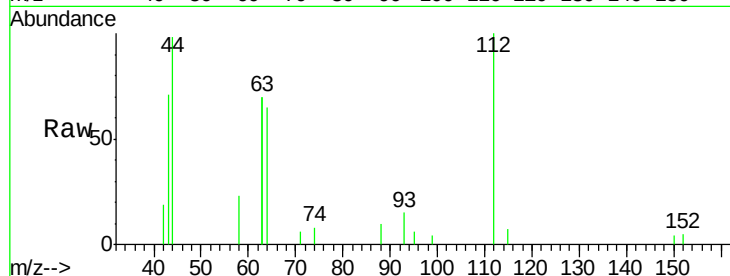
Tot Ion:112 Resp: 1854

Ion Ratio Lower Upper

112 100

64 74.7 60.1 90.1

63 168.4 116.8 175.2



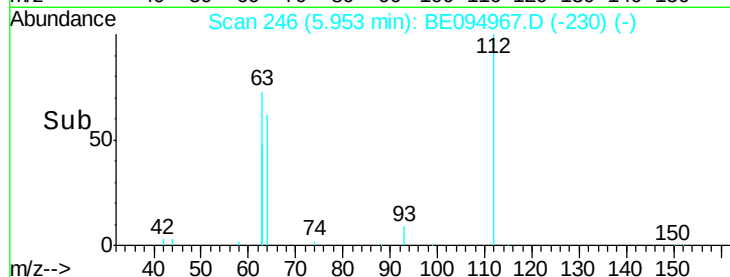
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

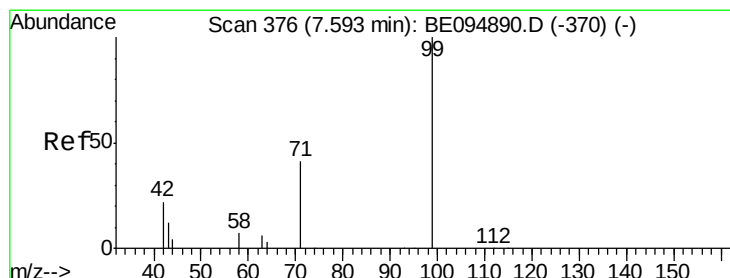
Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.80 5.90 6.00 6.10



Time-->



#5

Phenol-d6

Concen: 0.104 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

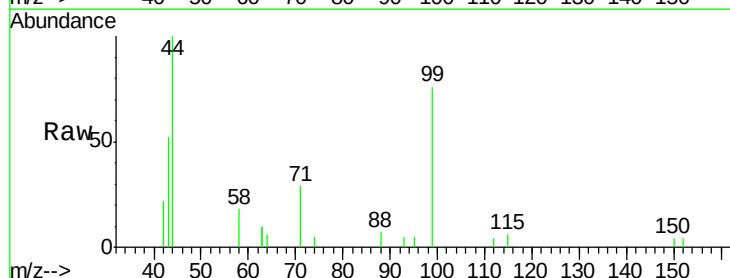
Tgt Ion: 99 Resp: 1945

Ion Ratio Lower Upper

99 100

42 24.8 20.2 30.2

71 44.2 28.4 42.6#



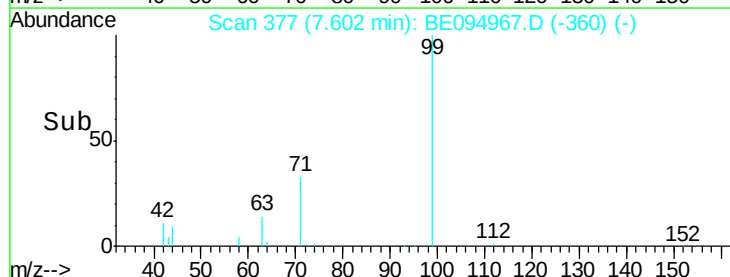
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

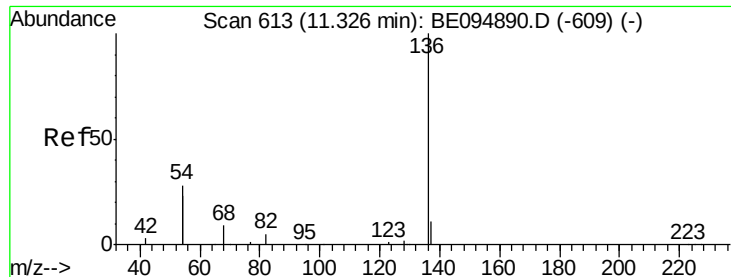
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.50 7.60 7.70



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

Tot Ion:136 Resp: 17190

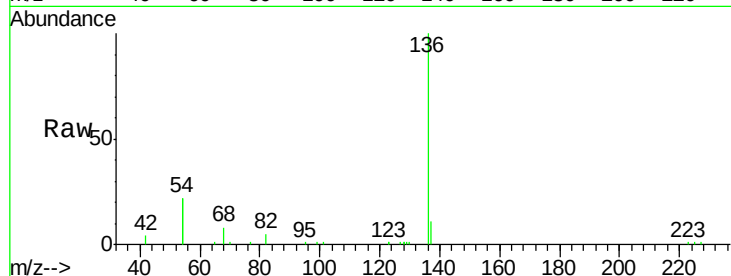
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 43.0 29.1 43.7

68 8.3 6.2 9.2

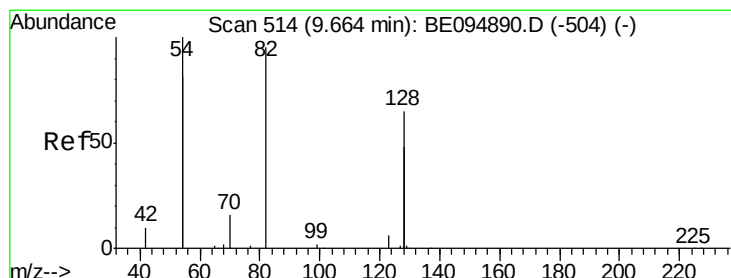
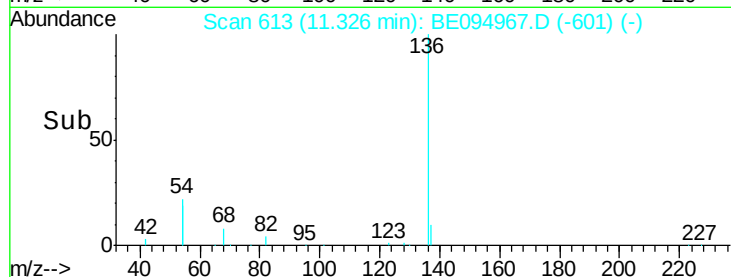
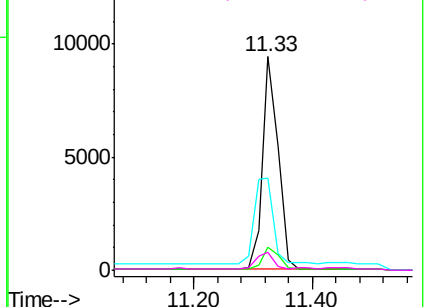


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.597 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

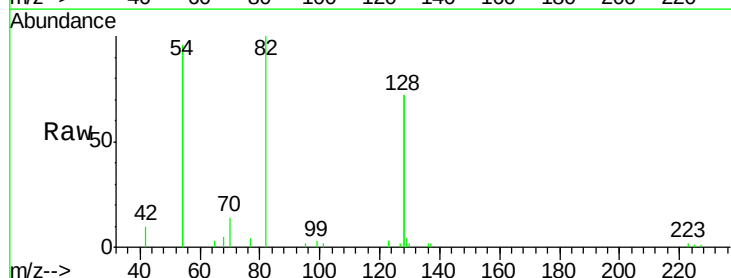
Tgt Ion: 82 Resp: 6076

Ion Ratio Lower Upper

82 100

128 143.2 150.0 225.0#

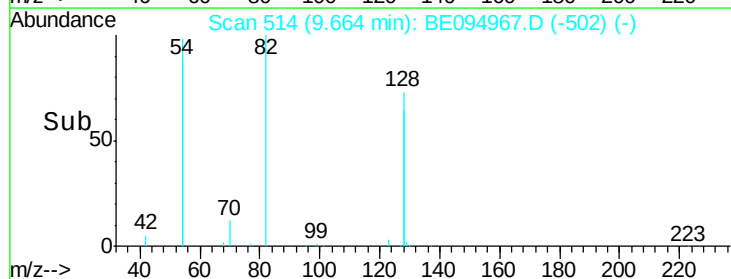
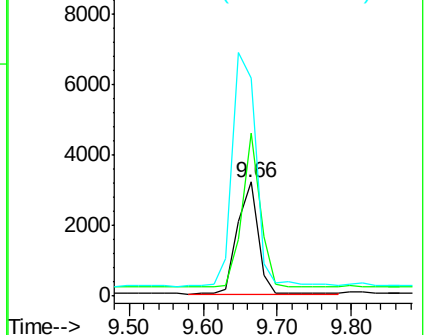
54 191.6 154.2 231.4

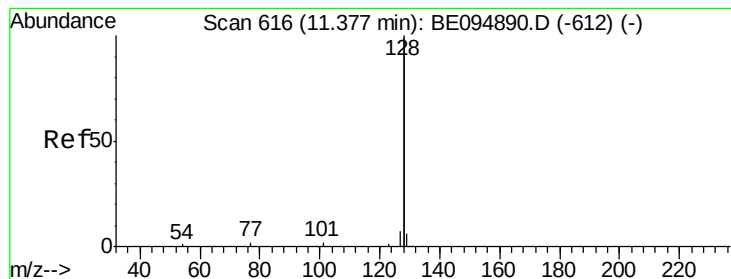


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.126 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

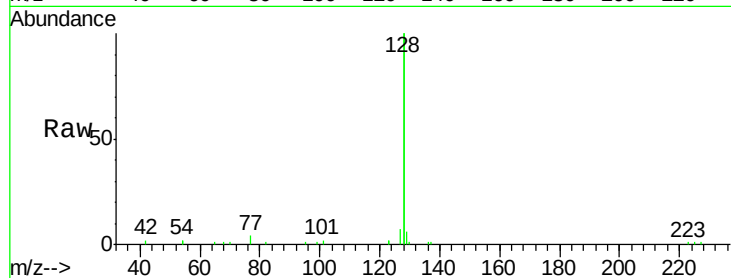
Tot Ion:128 Resp: 25351

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

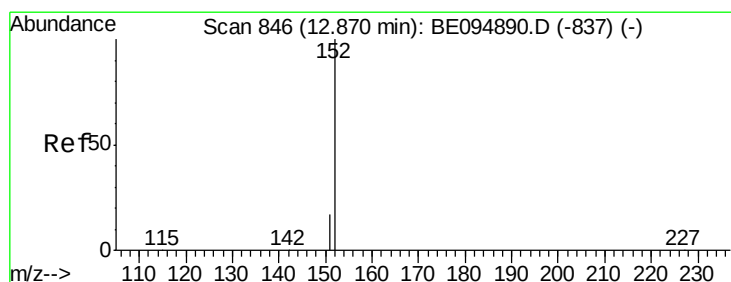
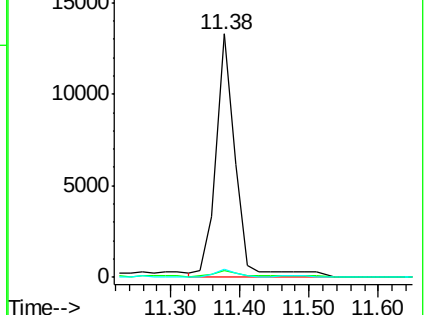
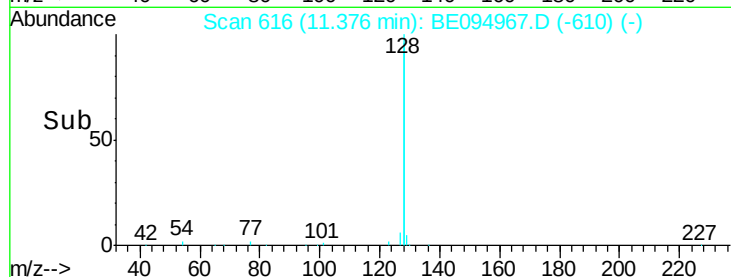
127 3.6 2.8 4.2



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: 0.368 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094967.D

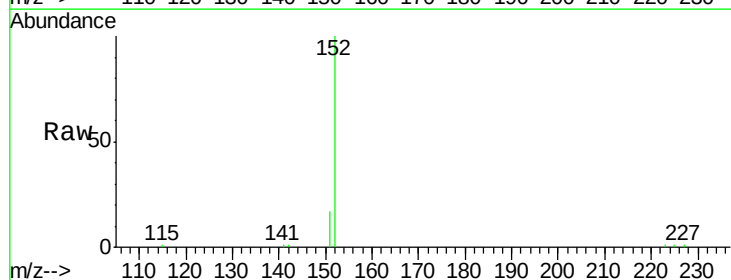
Acq: 9 Dec 2017 2:12

Tgt Ion:152 Resp: 10089

Ion Ratio Lower Upper

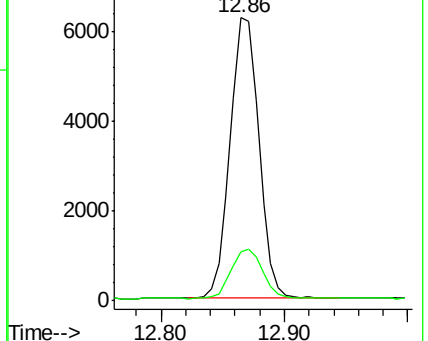
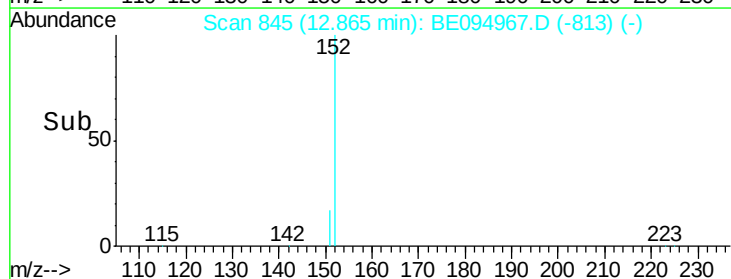
152 100

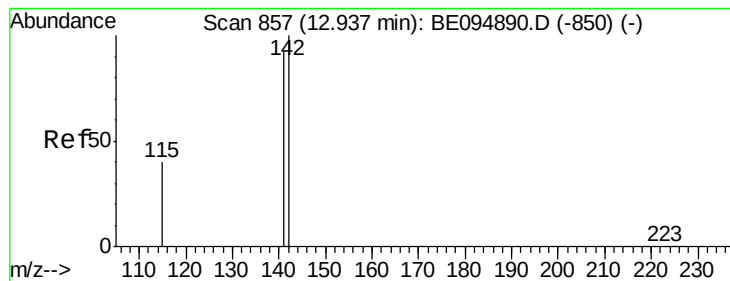
151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.122 ng

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

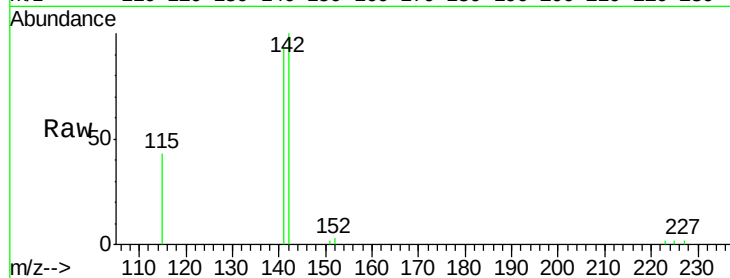
Tot Ion:142 Resp: 6100

Ion Ratio Lower Upper

142 100

141 92.7 70.4 105.6

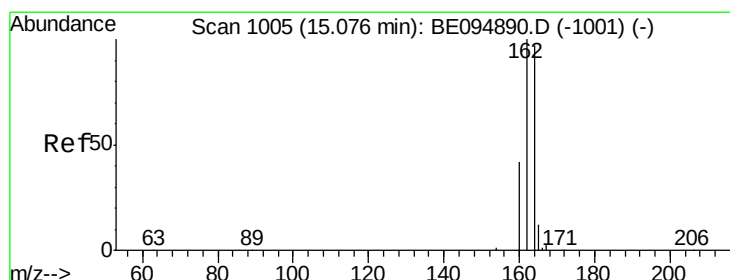
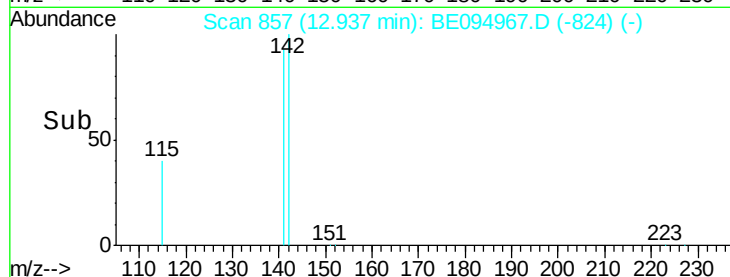
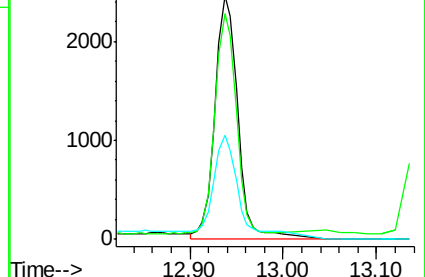
115 42.9 31.7 47.5



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: 15.08 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

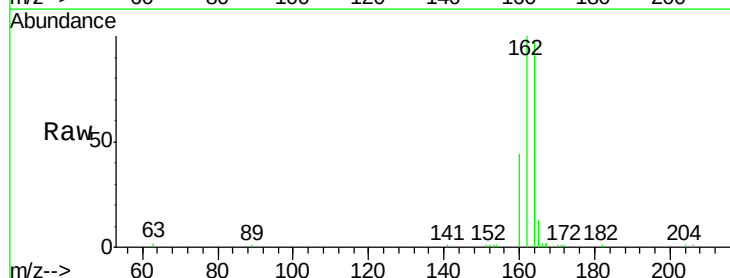
Tgt Ion:164 Resp: 9665

Ion Ratio Lower Upper

164 100

162 103.1 83.1 124.7

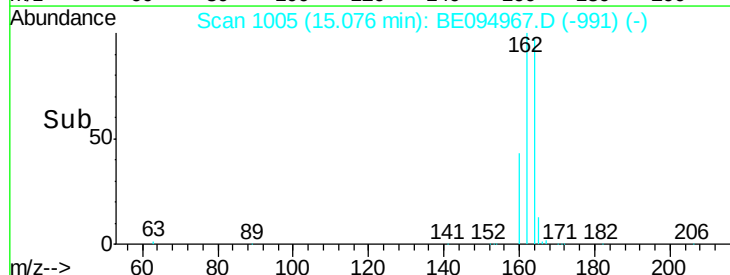
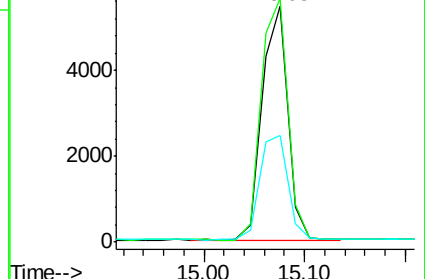
160 45.0 37.1 55.7

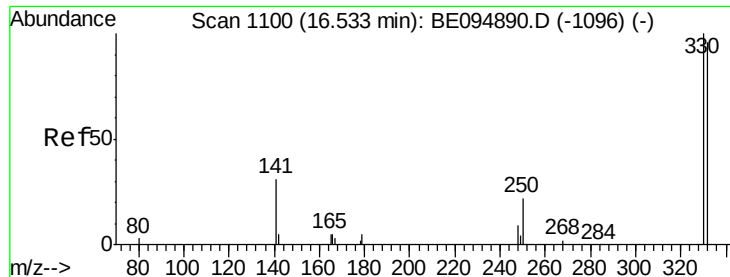


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

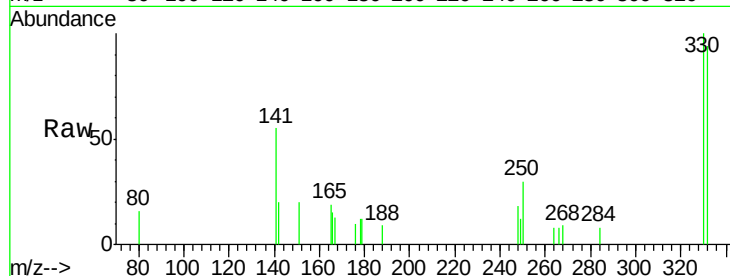




#14
 2,4,6-Tribromophenol
 Concen: 0.471 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094967.D
 Acq: 9 Dec 2017 2:12

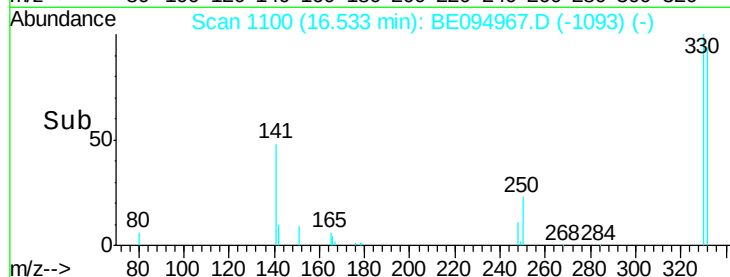
Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-457S-20171204

Tot Ion:330 Resp: 960
 Ion Ratio Lower Upper
 330 100
 332 100.5 152.7 229.1#
 141 56.6 33.7 50.5#

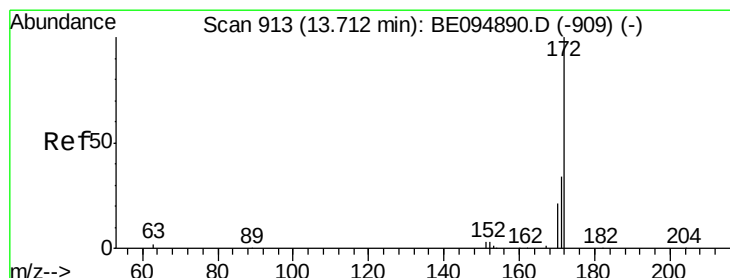


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

16.53

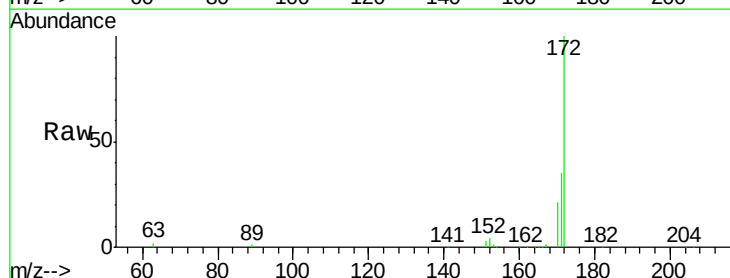


Time-->



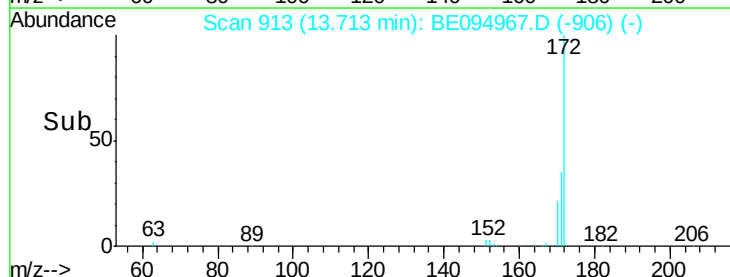
#15
 2-Fluorobiphenyl
 Concen: 0.573 ng
 RT: 13.71 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BE094967.D
 Acq: 9 Dec 2017 2:12

Tgt Ion:172 Resp: 23715
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.9 44.9
 170 21.4 21.8 32.8#

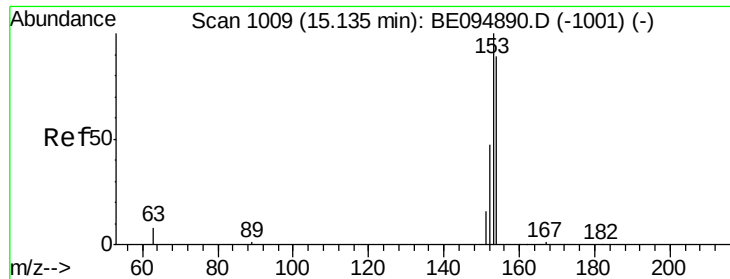


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

13.71



Time-->



#17

Acenaphthene

Concen: 0.167 ng

RT: 15.14 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

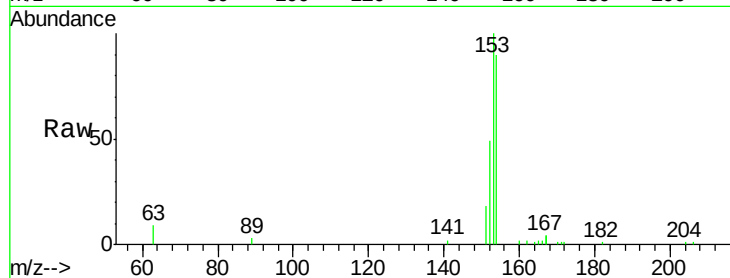
Tot Ion:154 Resp: 5891

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

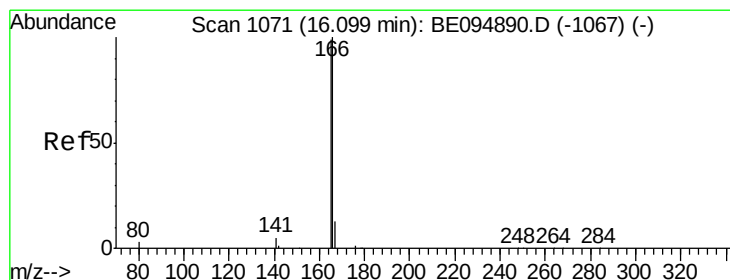
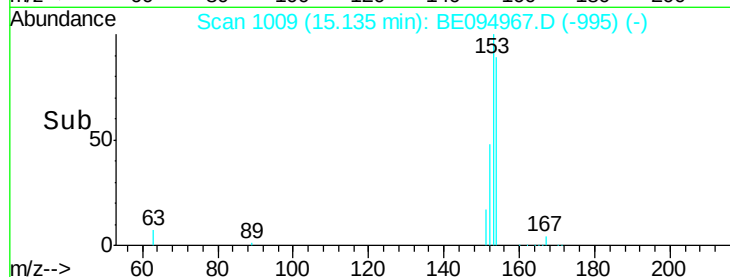
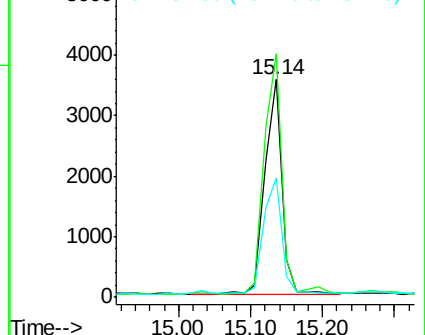
152 57.5 42.0 63.0



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: 0.093 ng

RT: 16.10 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

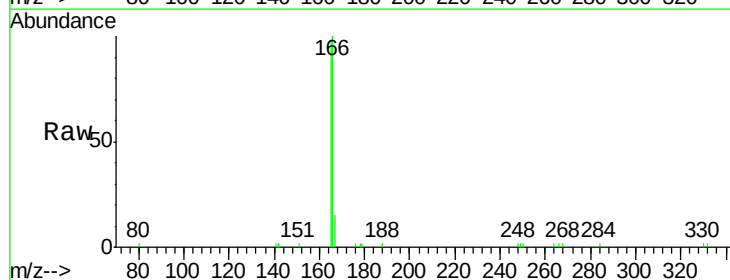
Tgt Ion:166 Resp: 4193

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.6

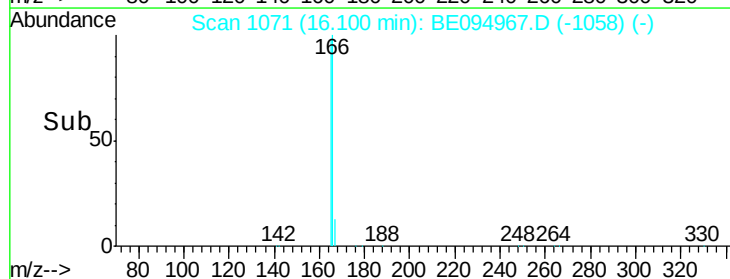
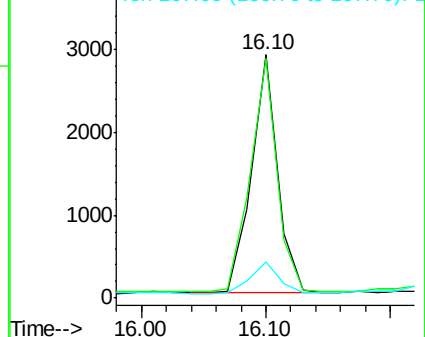
167 14.6 42.4 63.6#

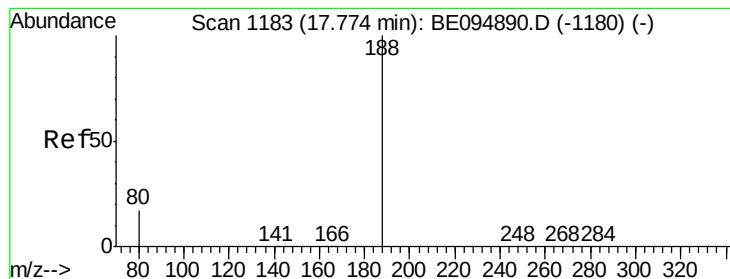


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

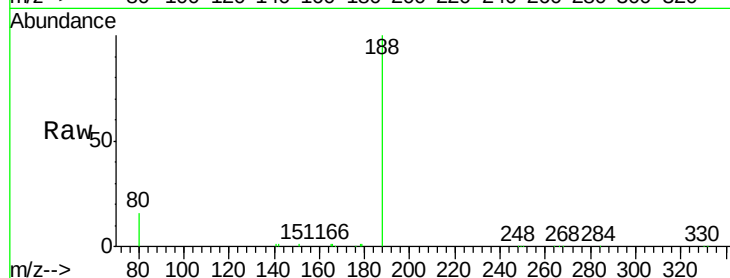
Tot Ion:188 Resp: 23772

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

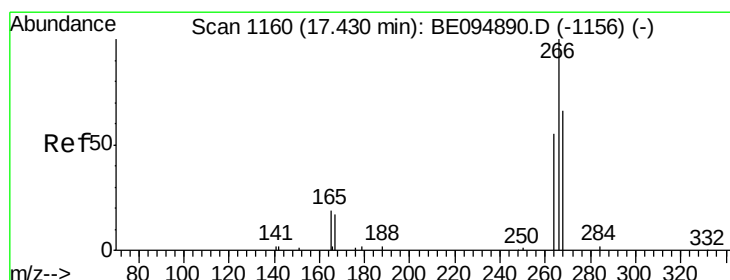
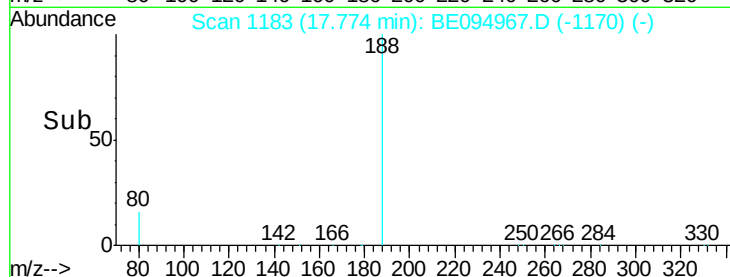
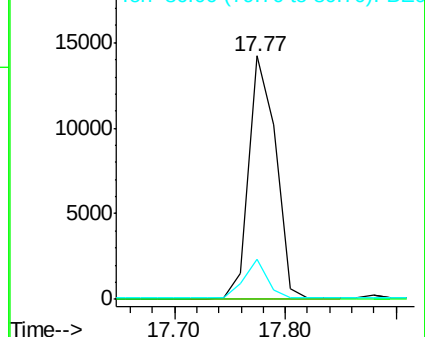
80 16.4 3.6 5.4#



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: 0.537 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

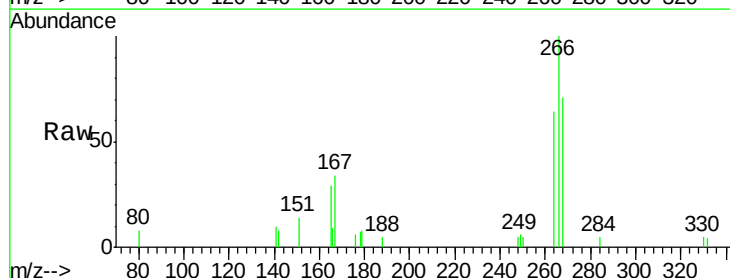
Tgt Ion:266 Resp: 1731

Ion Ratio Lower Upper

266 100

264 64.0 72.5 108.7#

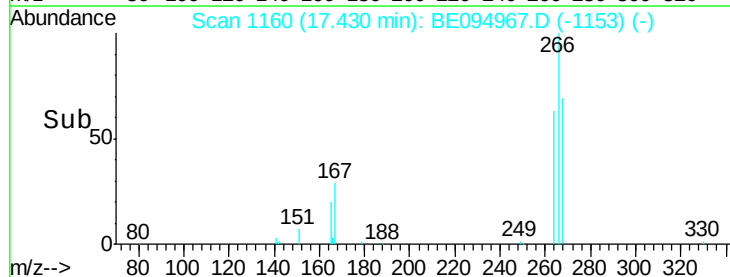
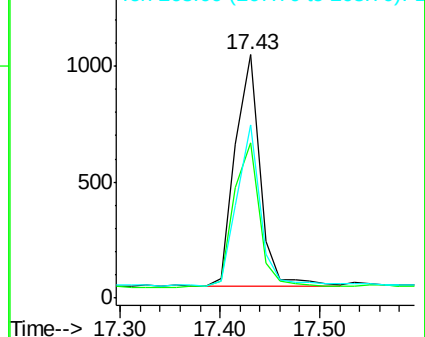
268 71.2 73.8 110.6#

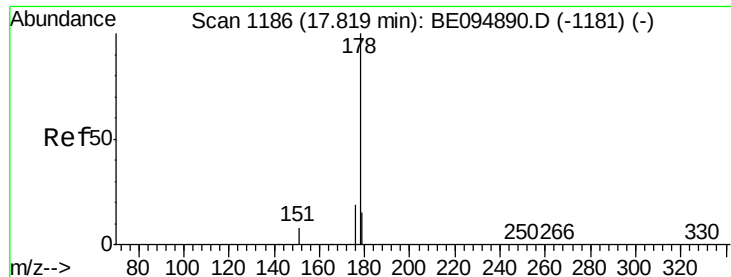


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.116 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

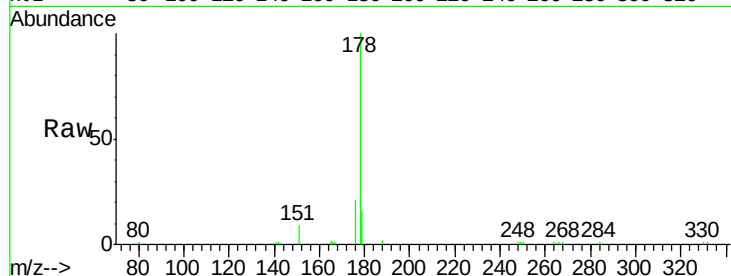
Tot Ion:178 Resp: 8815

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

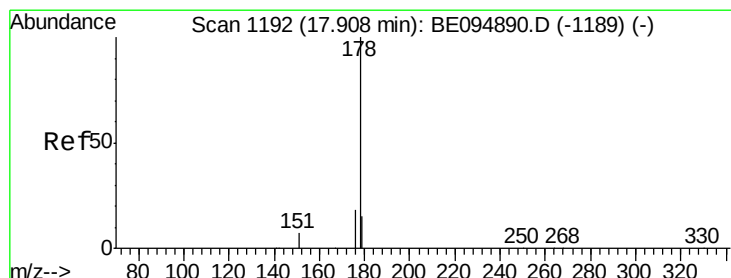
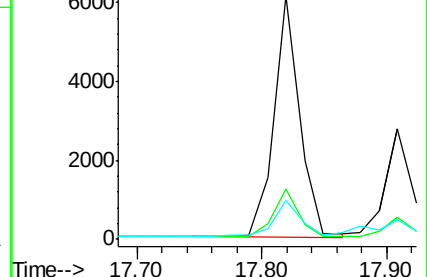
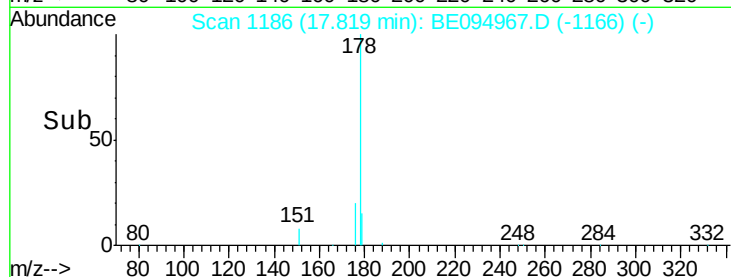
179 15.7 11.8 17.6



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: 0.068 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

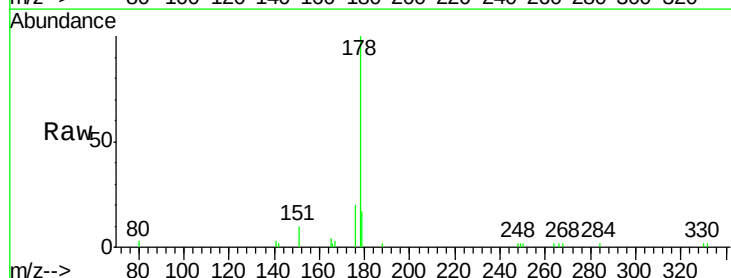
Tgt Ion:178 Resp: 5453

Ion Ratio Lower Upper

178 100

176 25.9 12.8 19.2#

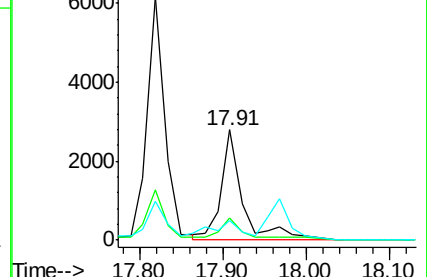
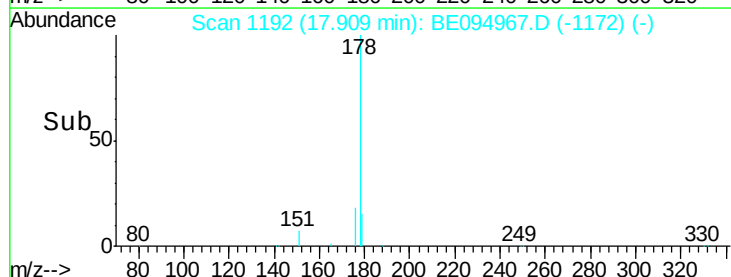
179 19.7 13.0 19.6#

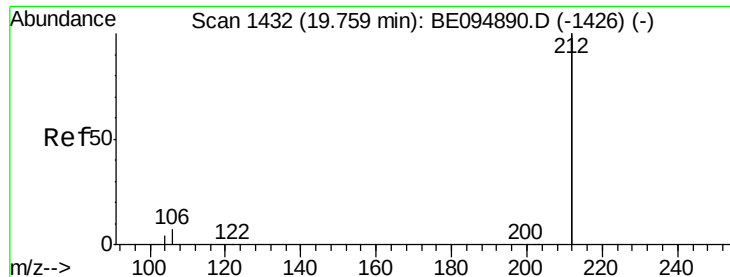


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

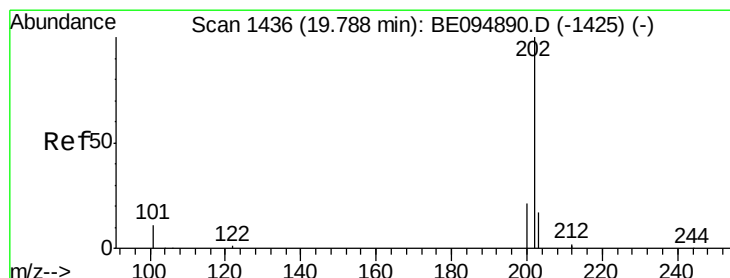
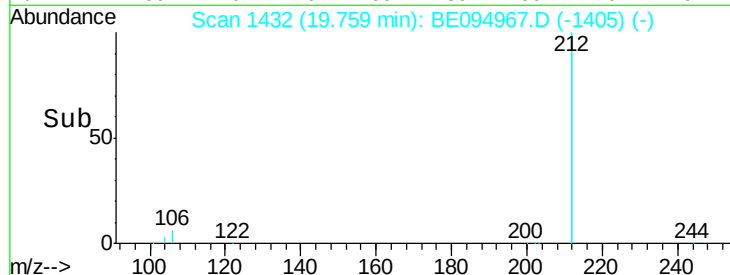
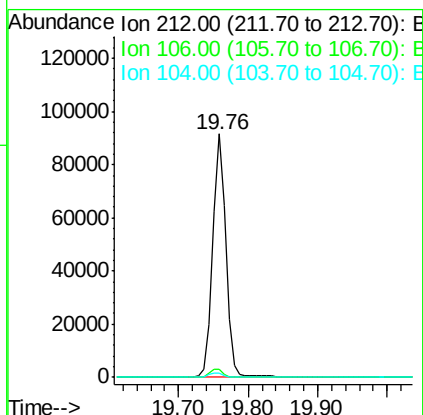
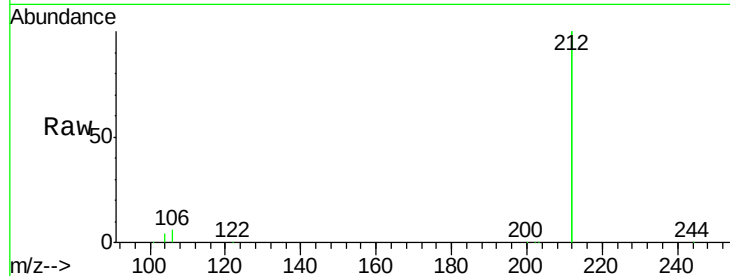




#25
 Fluoranthene-d10
 Concen: 0.369 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094967.D
 Acq: 9 Dec 2017 2:12

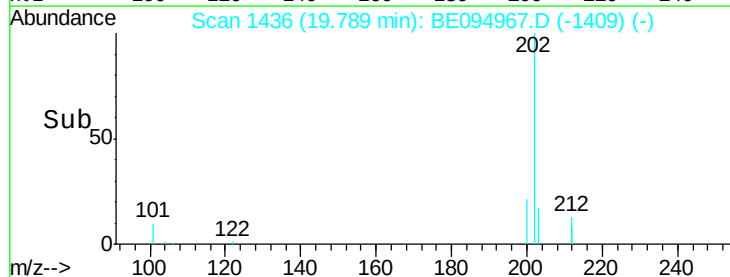
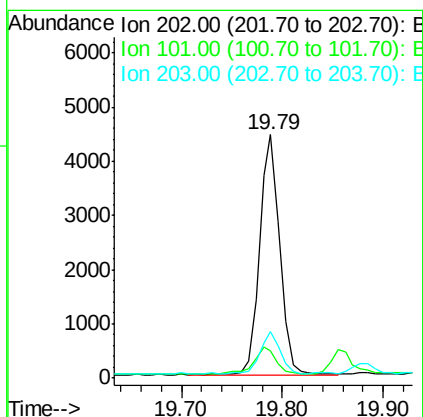
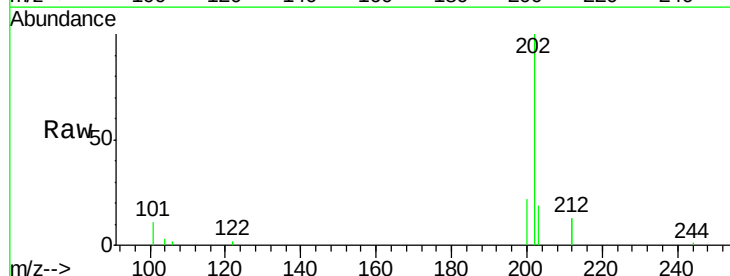
Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-457S-20171204

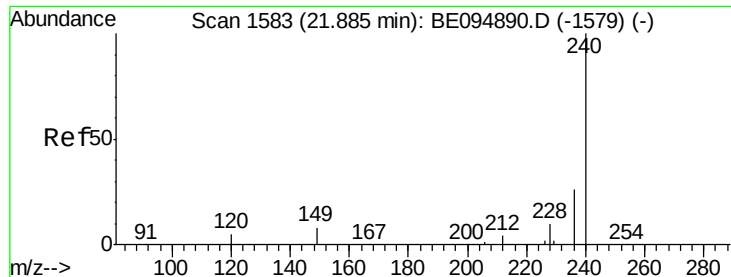
Tot Ion:212 Resp: 119762
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.063 ng
 RT: 19.79 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE094967.D
 Acq: 9 Dec 2017 2:12

Tgt Ion:202 Resp: 6169
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.8 14.8
 203 17.3 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

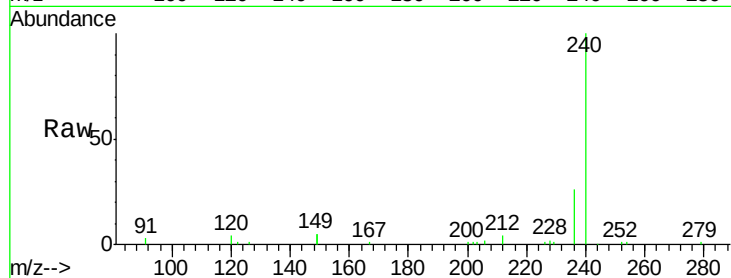
Tot Ion:240 Resp: 26588

Ion Ratio Lower Upper

240 100

120 4.0 5.5 8.3#

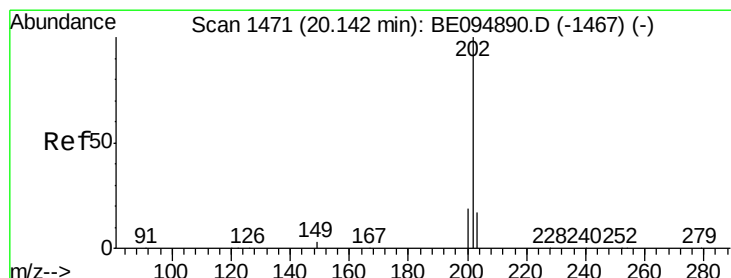
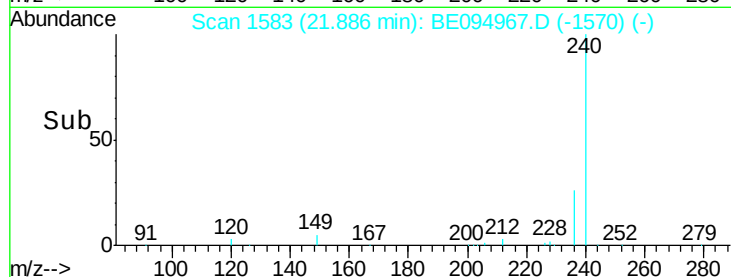
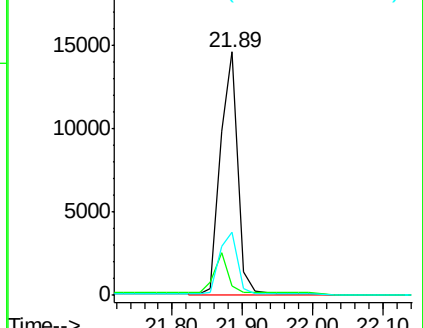
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.046 ng

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

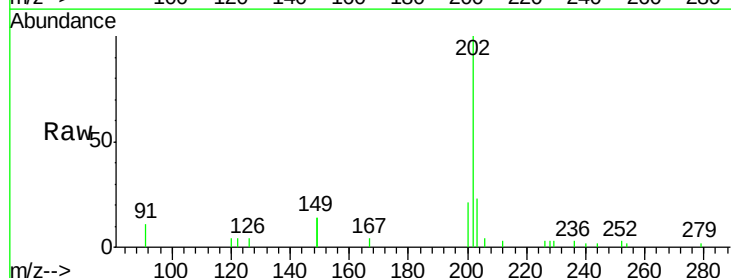
Tgt Ion:202 Resp: 4245

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

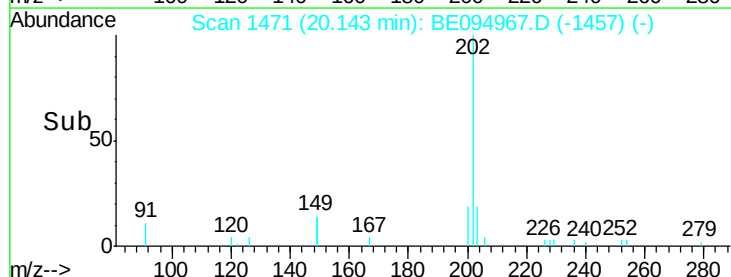
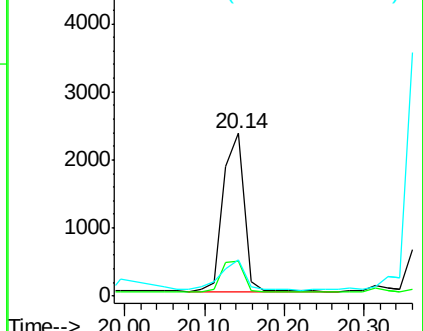
203 22.7 13.8 20.8#

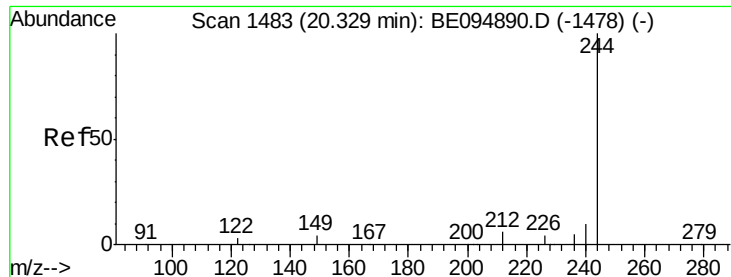


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.567 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

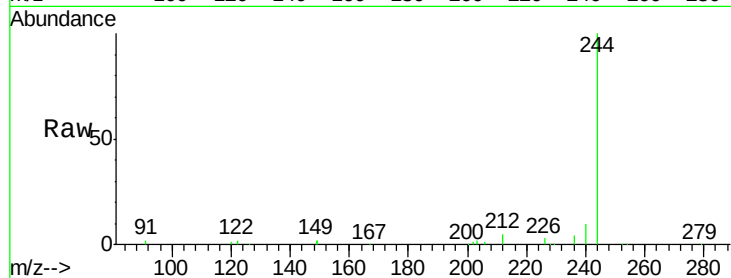
Tot Ion:244 Resp: 27831

Ion Ratio Lower Upper

244 100

212 5.0 25.4 38.0#

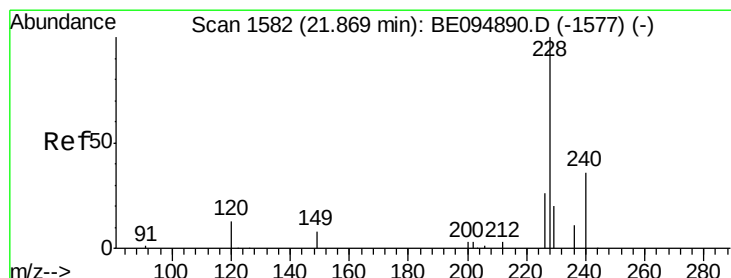
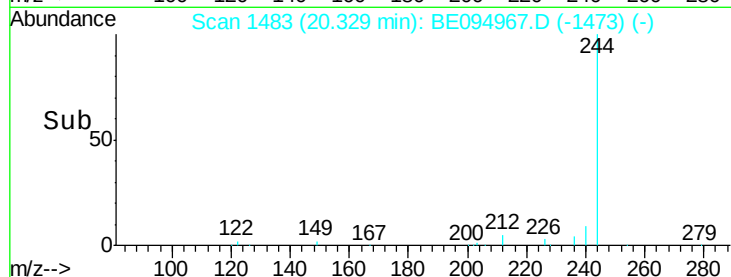
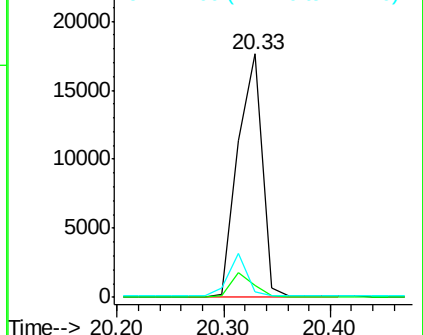
122 2.0 8.1 12.1#



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: 0.047 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

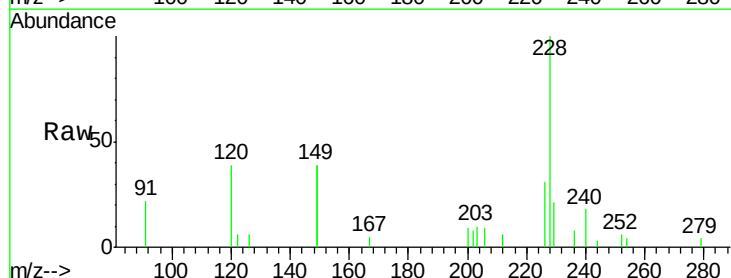
Tgt Ion:228 Resp: 3844

Ion Ratio Lower Upper

228 100

226 30.5 40.0 60.0#

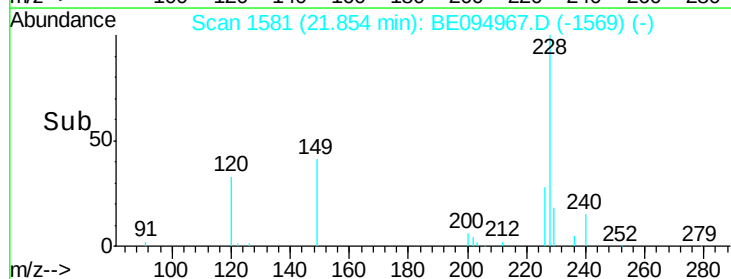
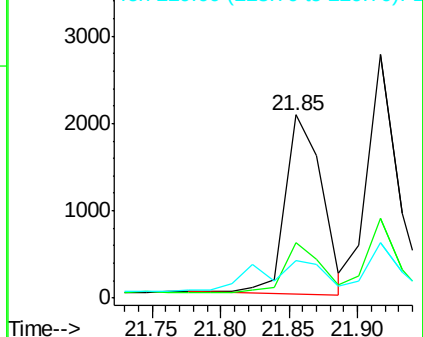
229 20.8 40.0 60.0#

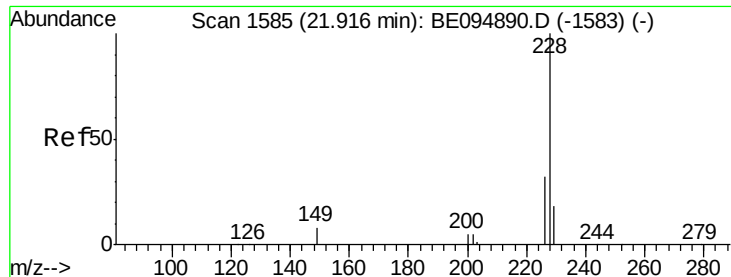


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.053 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

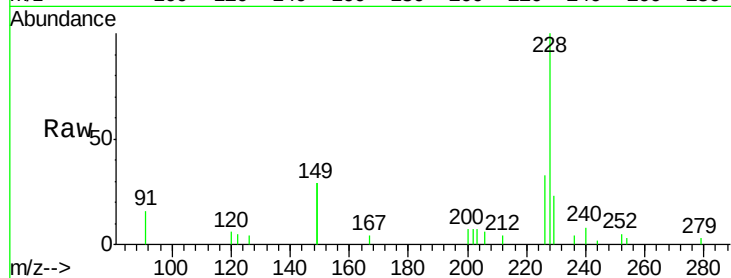
Tot Ion:228 Resp: 4750

Ion Ratio Lower Upper

228 100

226 32.8 40.0 60.0#

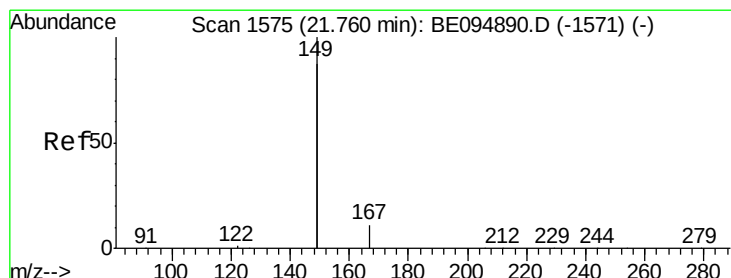
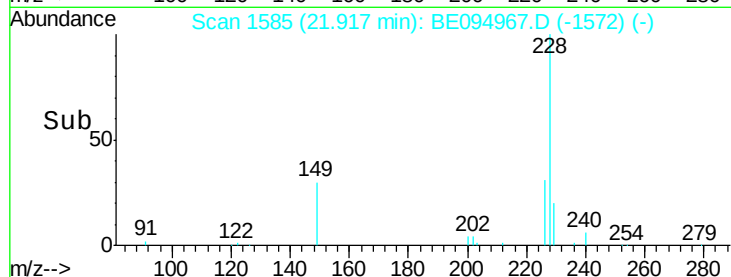
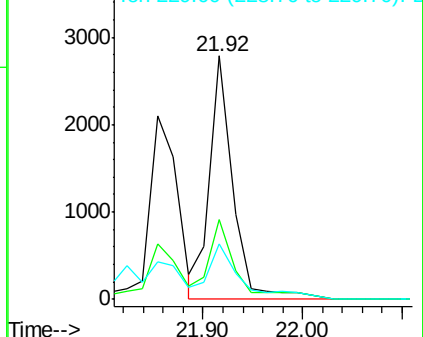
229 22.7 40.0 60.0#



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: 0.084 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

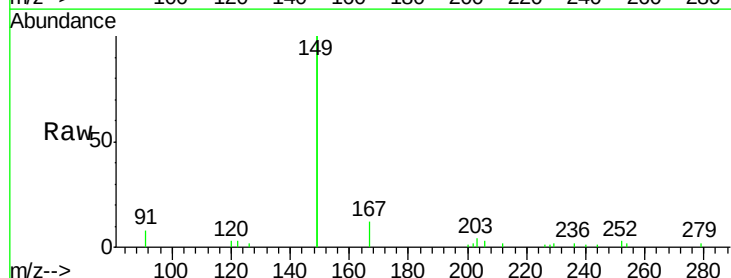
Tgt Ion:149 Resp: 11401

Ion Ratio Lower Upper

149 100

167 6.1 5.4 8.0

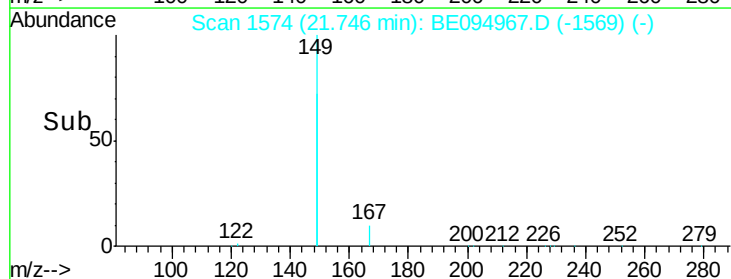
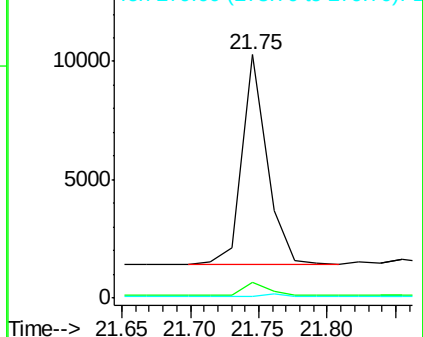
279 1.2 0.7 1.1#

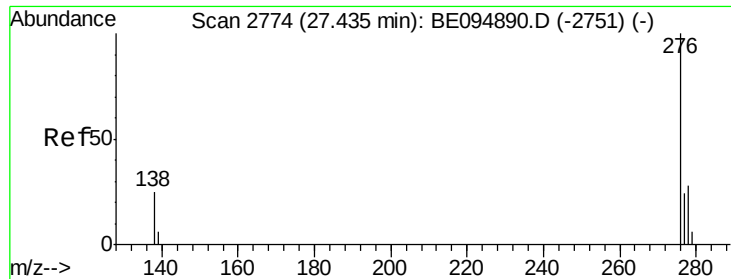


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.043 ng

RT: 27.43 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

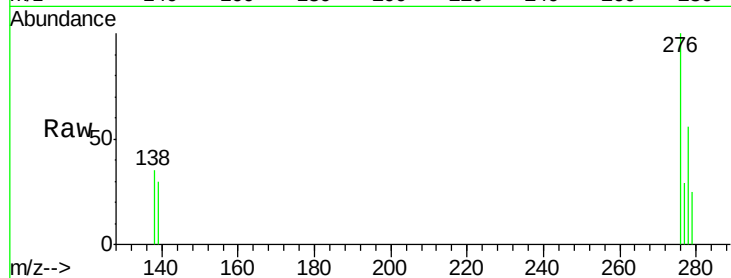
Tot Ion:276 Resp: 3184

Ion Ratio Lower Upper

276 100

138 34.0 22.5 33.7#

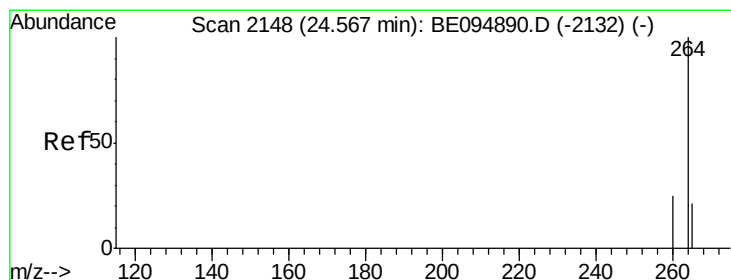
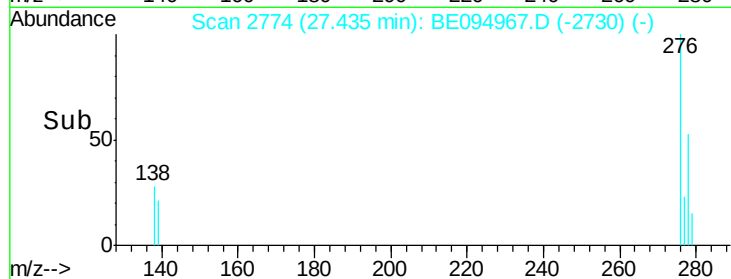
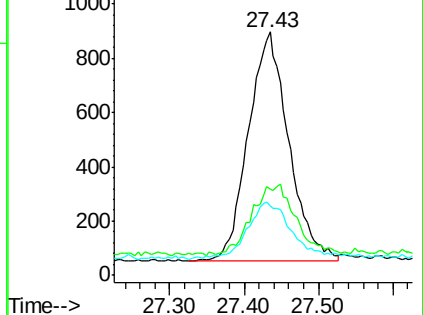
277 27.0 19.9 29.9



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: 24.56 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

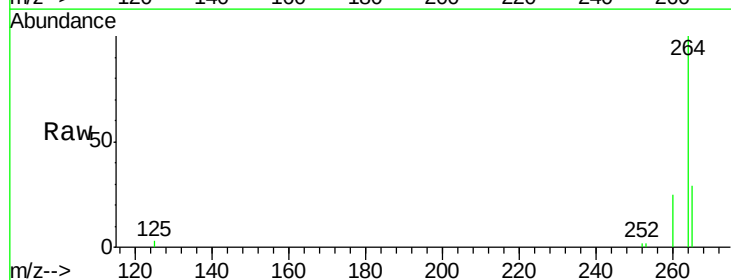
Tgt Ion:264 Resp: 22194

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

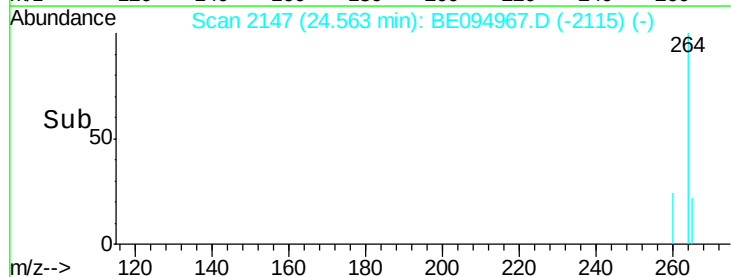
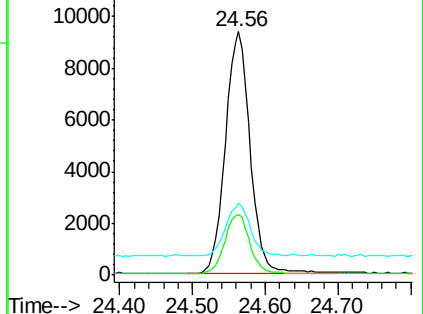
265 29.4 22.8 34.2

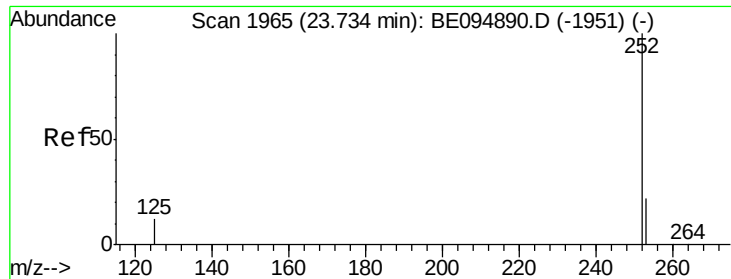


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

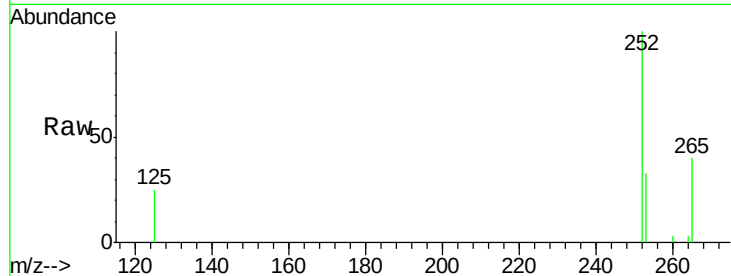
Tot Ion:252 Resp: 3665

Ion Ratio Lower Upper

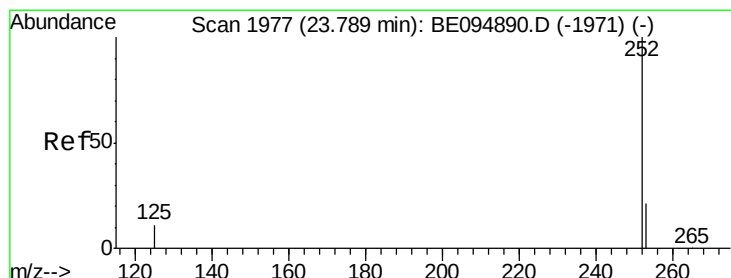
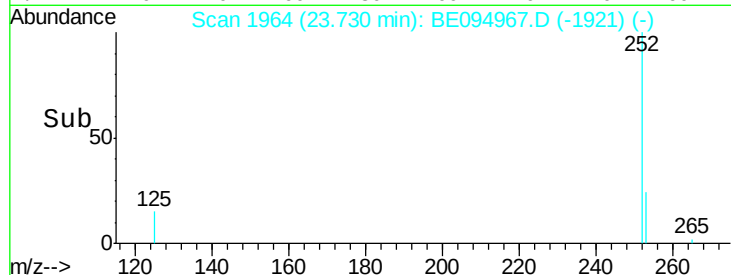
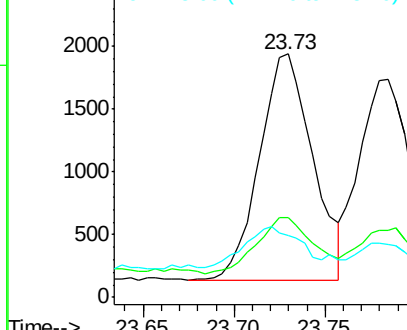
252 100

253 32.9 48.0 72.0#

125 25.5 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: 0.037 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

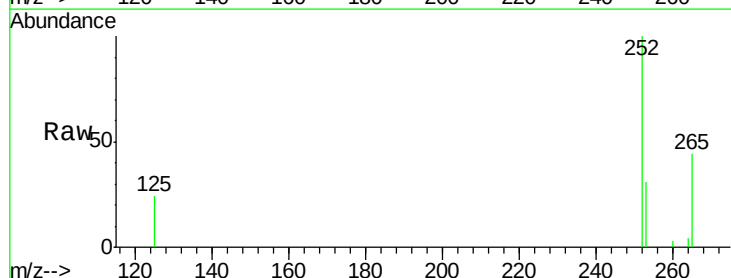
Tgt Ion:252 Resp: 3084

Ion Ratio Lower Upper

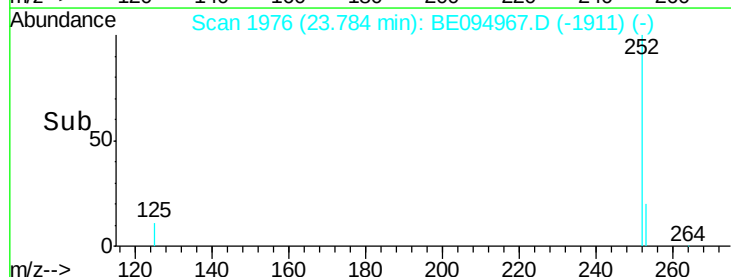
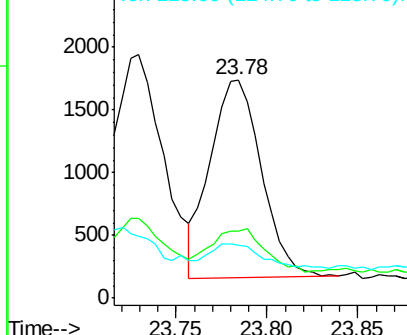
252 100

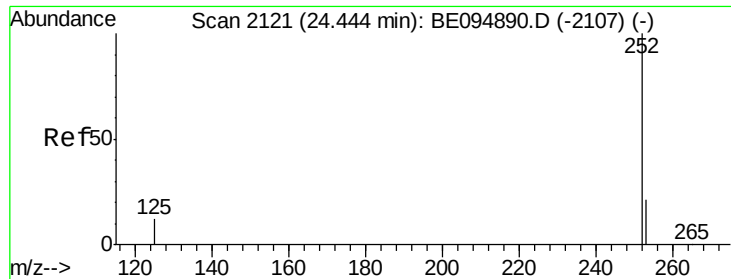
253 30.7 48.0 72.0#

125 24.2 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: 0.044 ng

RT: 24.44 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204

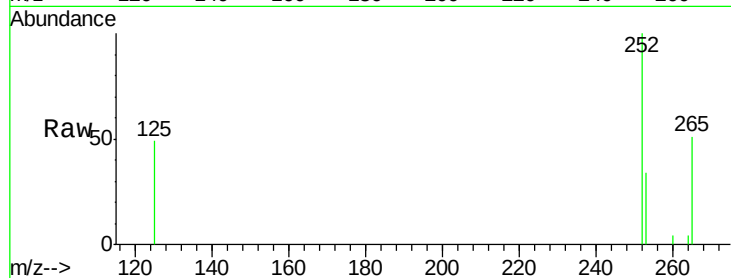
Tot Ion:252 Resp: 3093

Ion Ratio Lower Upper

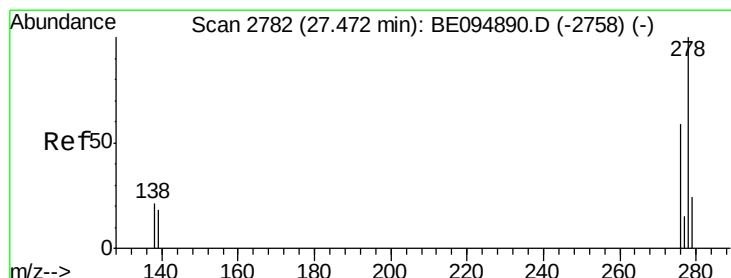
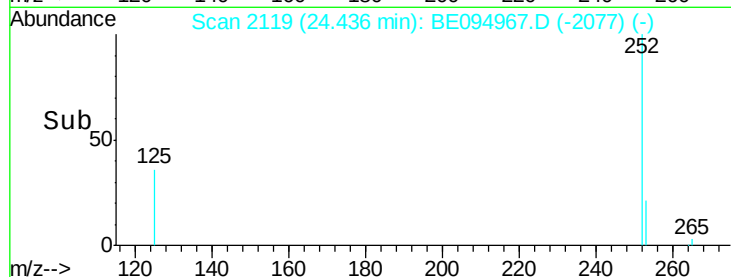
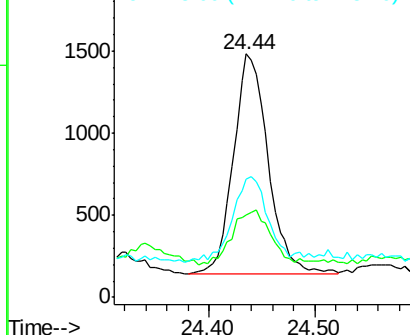
252 100

253 33.7 52.0 78.0#

125 48.5 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: 0.040 ng

RT: 27.46 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BE094967.D

Acq: 9 Dec 2017 2:12

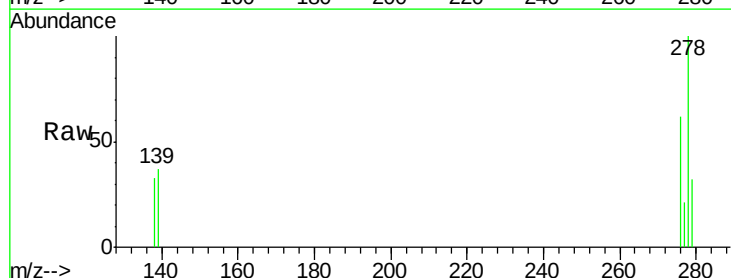
Tgt Ion:278 Resp: 2598

Ion Ratio Lower Upper

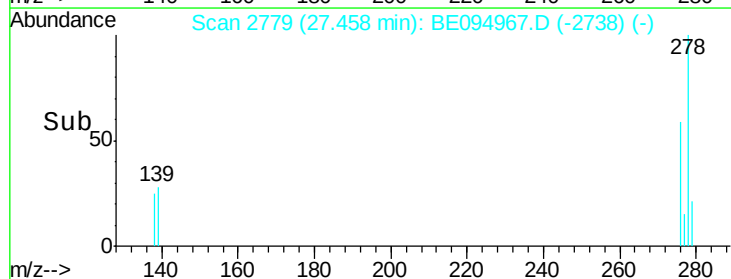
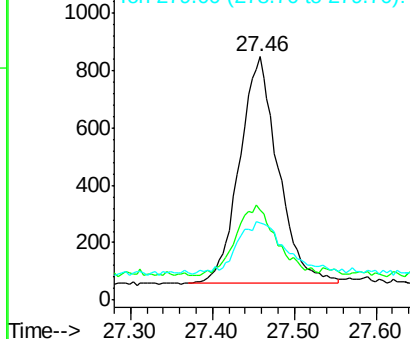
278 100

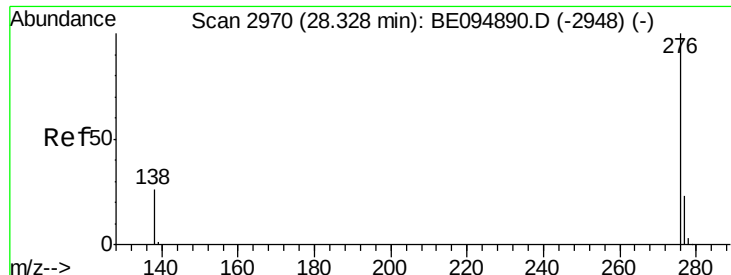
139 37.0 56.0 84.0#

279 31.9 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: 0.044 ng

RT: 28.31 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BE094967.D

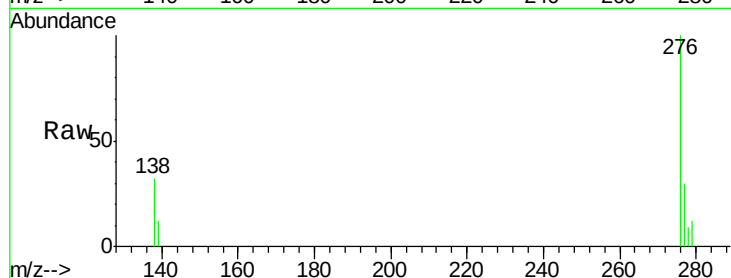
Acq: 9 Dec 2017 2:12

Instrument :

BNA_E

ClientSampleId :

FT-PZ-457S-20171204



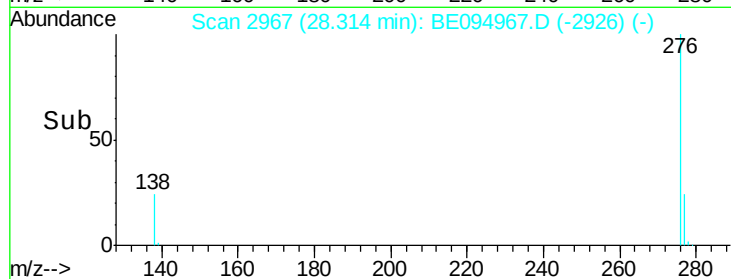
Tot Ion: 276 Resp: 2865

Ion Ratio Lower Upper

276 100

277 30.2 52.0 78.0#

138 32.0 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

