

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
 Data File : BE094891.D
 Acq On : 30 Nov 2017 14:24
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Nov 30 15:22:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 15:20:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8503	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	19248	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	10825	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	26849	0.40	ng	0.00
27) Chrysene-d12	21.89	240	33006	0.40	ng	0.00
34) Perylene-d12	24.57	264	24996	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	10550	0.36	ng	0.00
5) Phenol-d6	7.59	99	15810	0.36	ng	0.00
8) Nitrobenzene-d5	9.66	82	8811	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	24037	0.78	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1785	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	36611	0.96	ng	0.00
25) Fluoranthene-d10	19.76	212	285856	1.01	ng	0.00
29) Terphenyl-d14	20.33	244	47599	0.76	ng	0.00

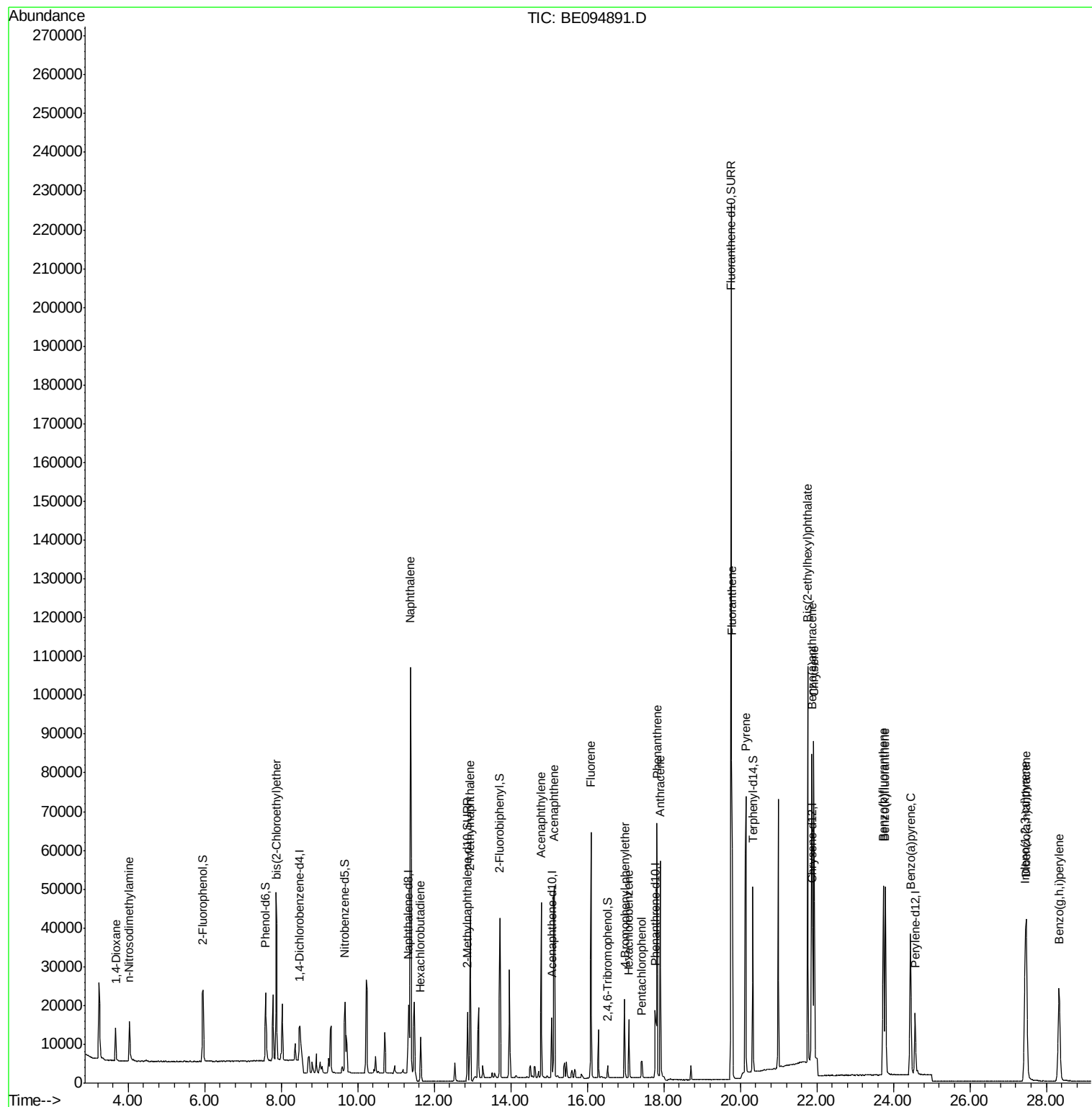
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	6823	0.474	ng	# 88
3) n-Nitrosodimethylamine	4.02	42	9258	0.672	ng	# 79
6) bis(2-Chloroethyl)ether	7.88	93	15778	0.464	ng	98
9) Naphthalene	11.38	128	173735	0.798	ng	99
10) Hexachlorobutadiene	11.64	225	7353	0.933	ng	97
12) 2-Methylnaphthalene	12.94	142	42373	1.146	ng	96
16) Acenaphthylene	14.80	152	47368	0.829	ng	100
17) Acenaphthene	15.14	154	30783	0.839	ng	97
18) Fluorene	16.10	166	39183	0.833	ng	# 78
20) 4-Bromophenyl-phenylether	16.98	248	11497	0.786	ng	# 64
21) Hexachlorobenzene	17.08	284	11448	0.892	ng	# 80
22) Pentachlorophenol	17.43	266	2564	1.564	ng	# 71
23) Phenanthrene	17.82	178	66491	1.022	ng	99
24) Anthracene	17.91	178	68840	0.872	ng	# 95
26) Fluoranthene	19.79	202	87649	1.016	ng	100
28) Pyrene	20.14	202	88205	0.764	ng	96
30) Benzo(a)anthracene	21.87	228	77530	0.721	ng	# 61
31) Chrysene	21.92	228	84759	0.777	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	118005	0.448	ng	100
33) Indeno(1,2,3-cd)pyrene	27.44	276	68813	0.683	ng	98
35) Benzo(b)fluoranthene	23.73	252	70711	0.874	ng	# 39
36) Benzo(k)fluoranthene	23.79	252	73936	0.858	ng	# 39
37) Benzo(a)pyrene	24.45	252	62372	0.795	ng	# 33
38) Dibenzo(a,h)anthracene	27.48	278	58531	0.831	ng	# 42
39) Benzo(g,h,i)perylene	28.33	276	58108	0.881	ng	# 53

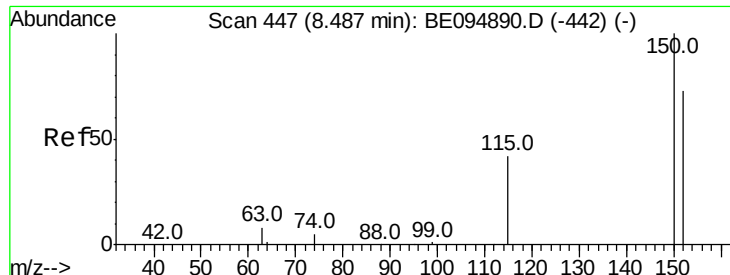
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.49 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

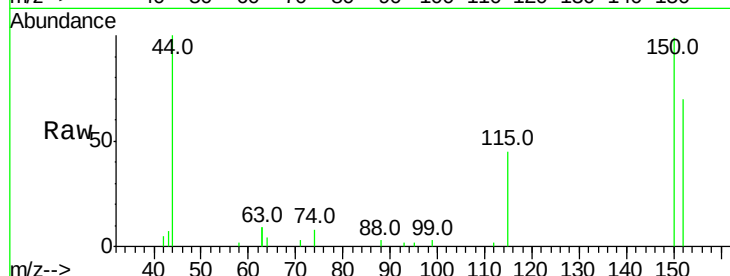
Tot Ion:152 Resp: 8503

Ion Ratio Lower Upper

152 100

150 141.1 117.2 175.8

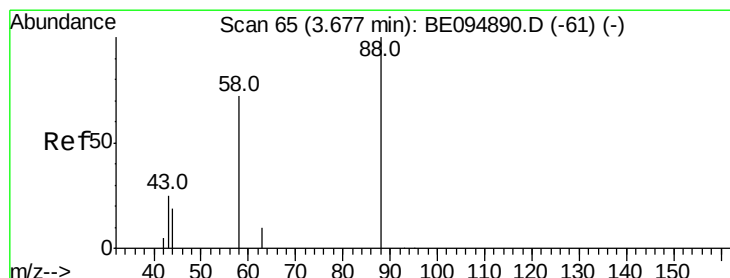
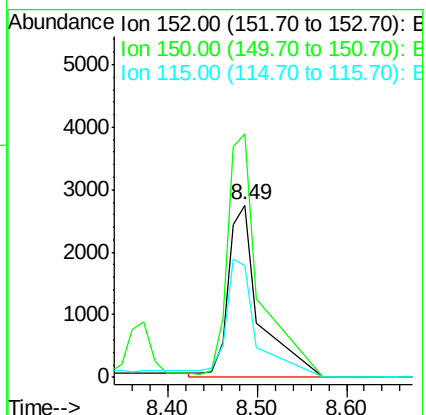
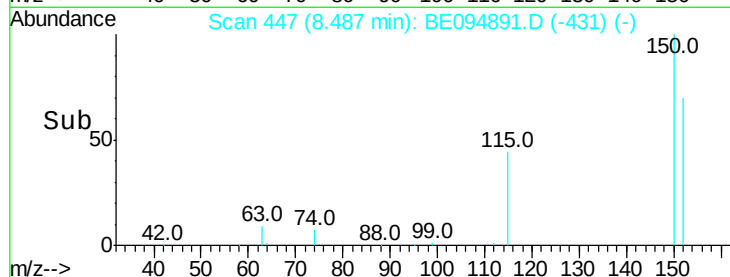
115 64.7 57.0 85.6



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: 0.474 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

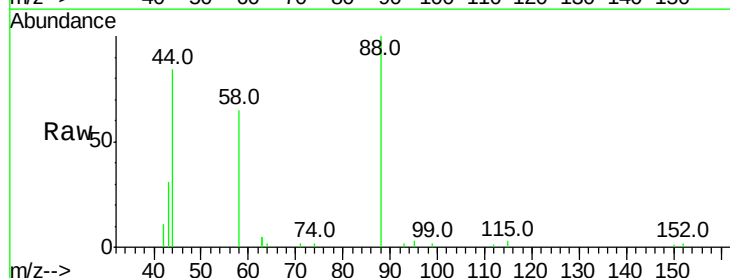
Tgt Ion: 88 Resp: 6823

Ion Ratio Lower Upper

88 100

58 84.7 63.2 94.8

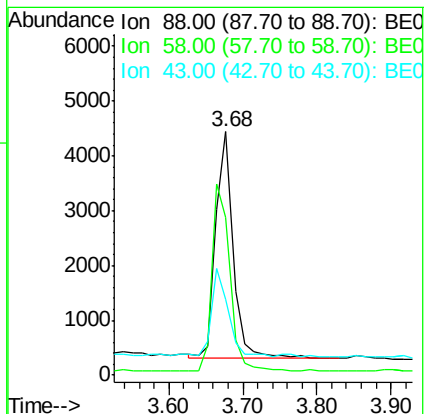
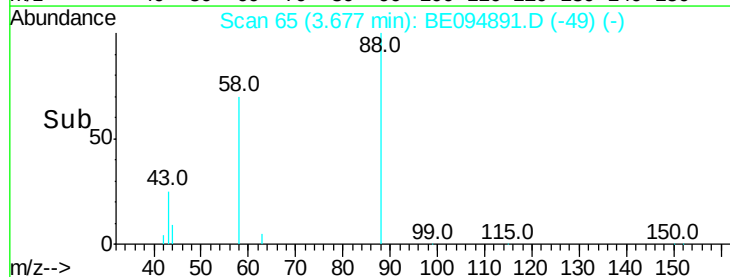
43 37.5 41.2 61.8#

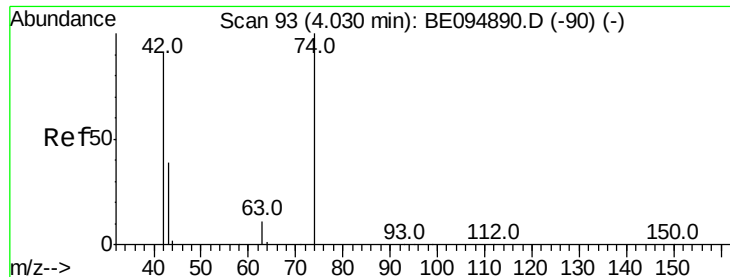


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.672 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

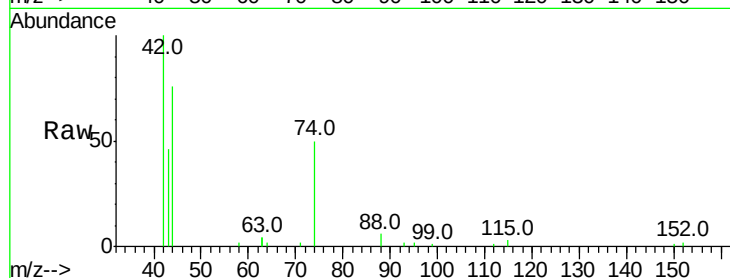
Tot Ion: 42 Resp: 9258

Ion Ratio Lower Upper

42 100

74 100.4 100.3 150.5

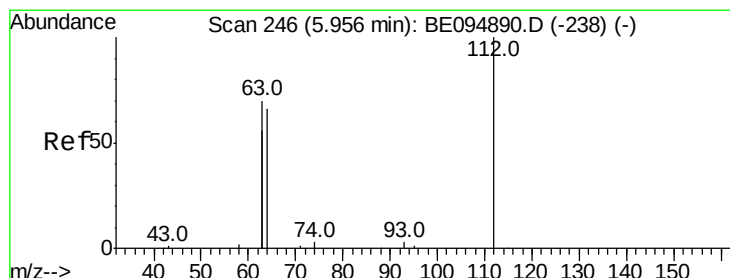
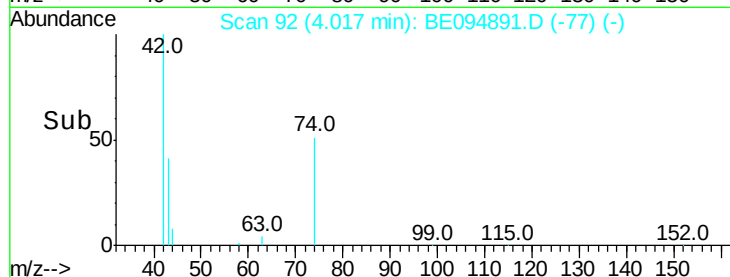
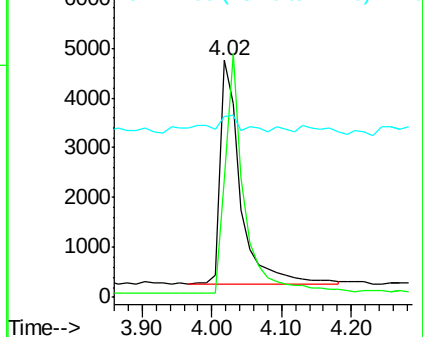
44 14.8 17.0 25.4#



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: 0.362 ng

RT: 5.96 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

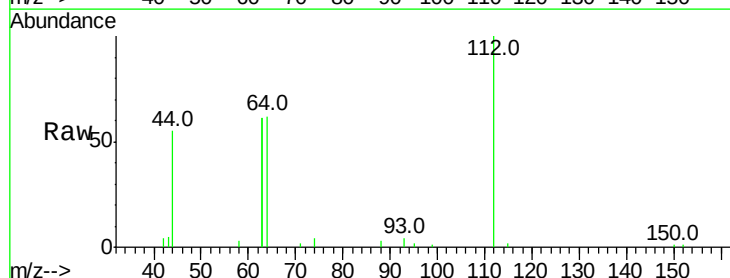
Tgt Ion: 112 Resp: 10550

Ion Ratio Lower Upper

112 100

64 75.6 60.1 90.1

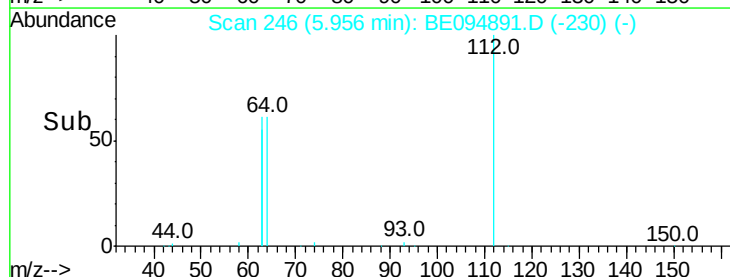
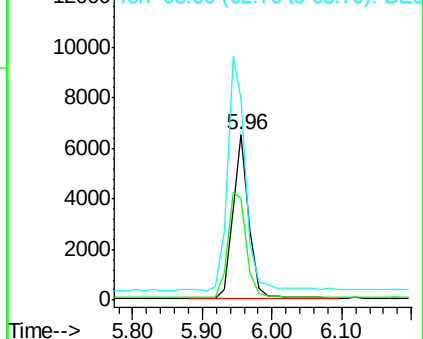
63 161.2 116.8 175.2

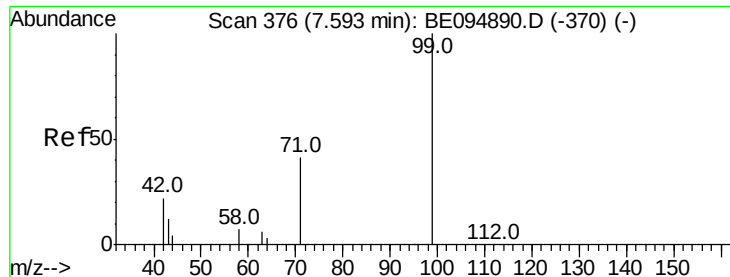


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.360 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

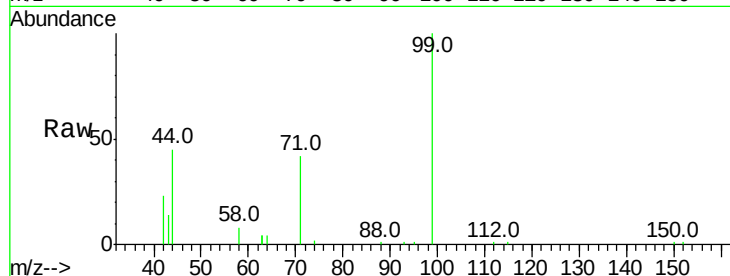
Tot Ion: 99 Resp: 15810

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

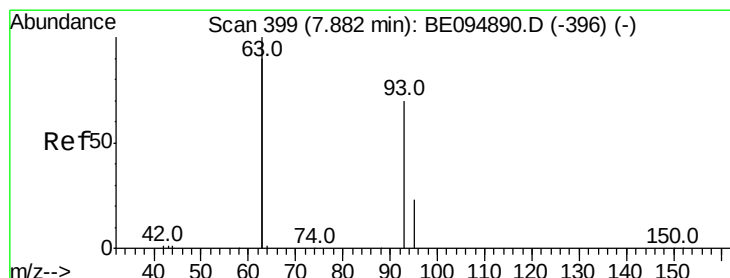
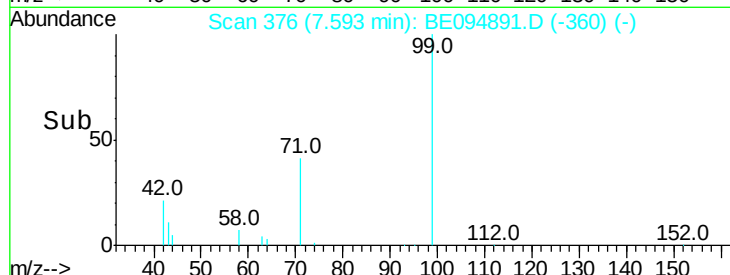
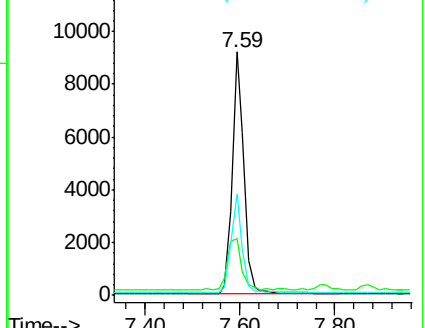
71 39.4 28.4 42.6



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: 0.464 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

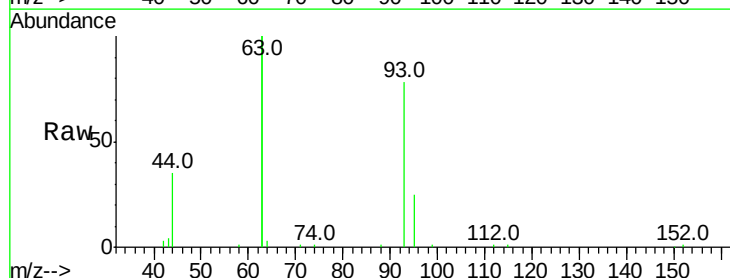
Tgt Ion: 93 Resp: 15778

Ion Ratio Lower Upper

93 100

63 339.3 275.3 412.9

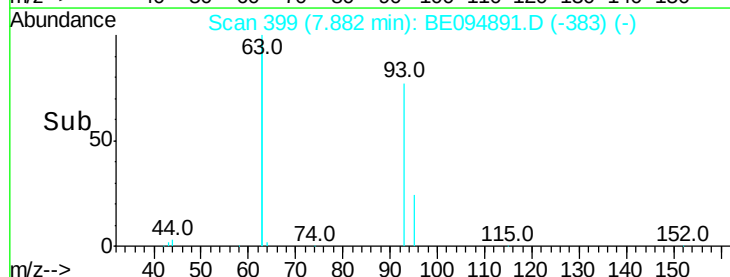
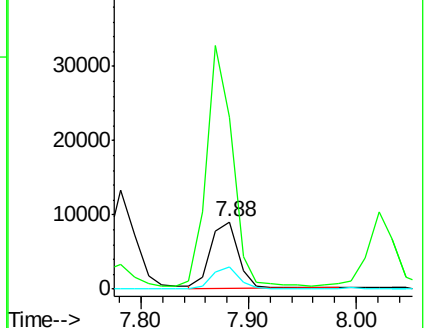
95 30.9 25.2 37.8

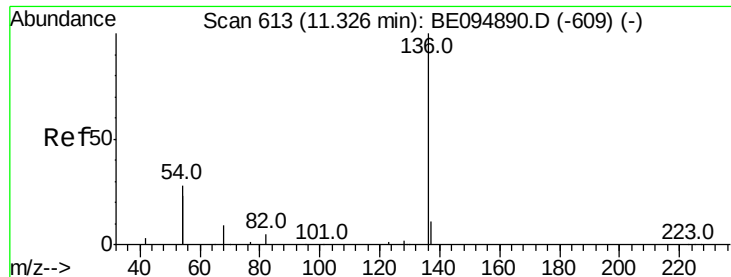


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 19248

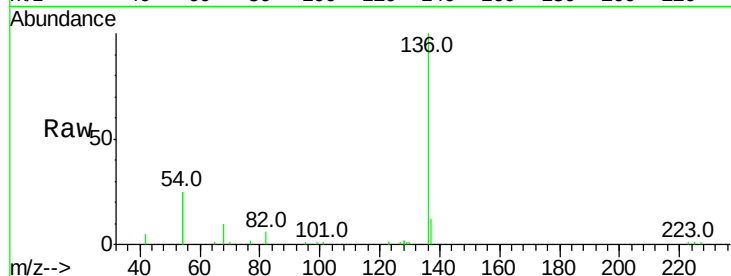
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 49.3 29.1 43.7#

68 9.9 6.2 9.2#

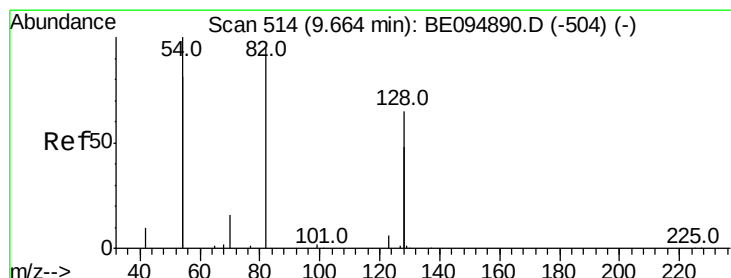
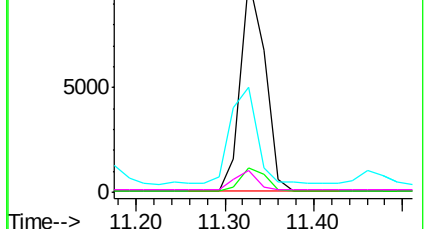
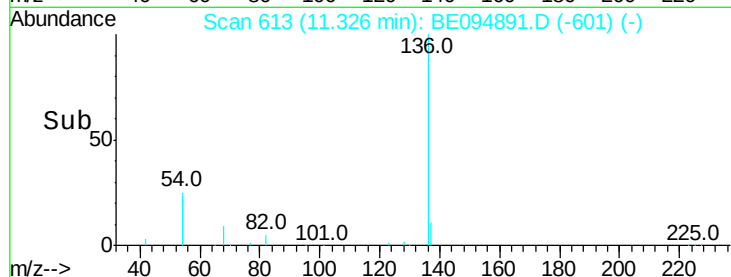


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.573 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

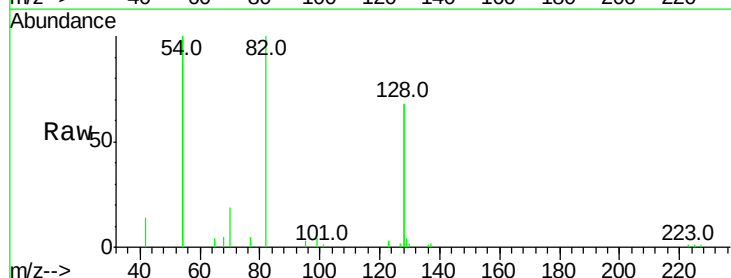
Tgt Ion: 82 Resp: 8811

Ion Ratio Lower Upper

82 100

128 135.9 150.0 225.0#

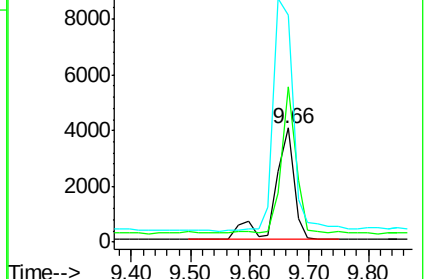
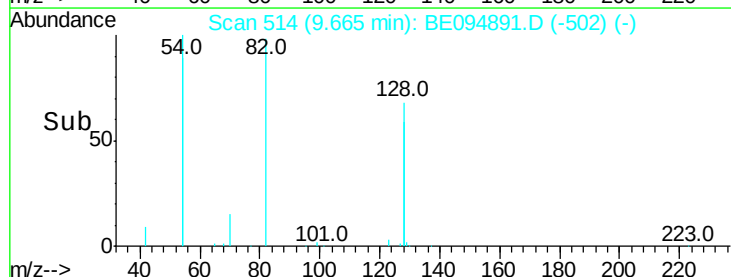
54 199.2 154.2 231.4

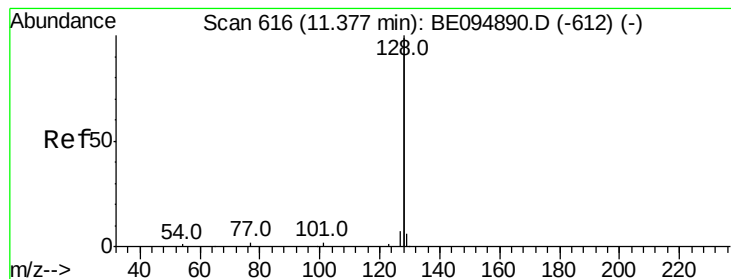


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.798 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

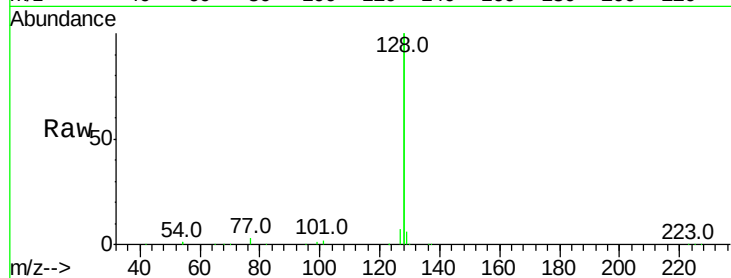
Tot Ion:128 Resp: 173735

Ion Ratio Lower Upper

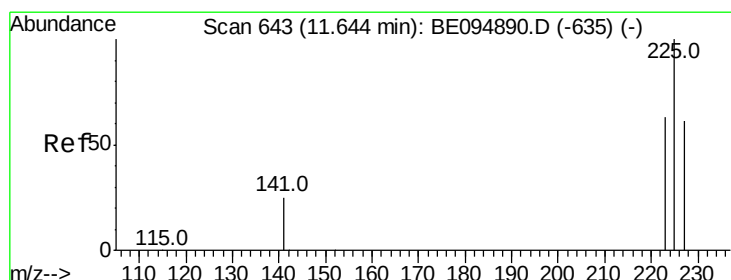
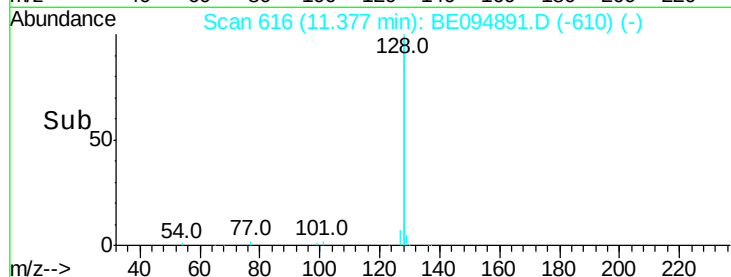
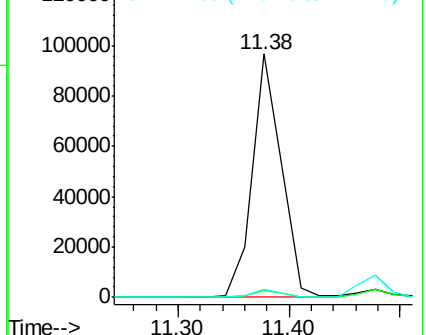
128 100

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: 0.933 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

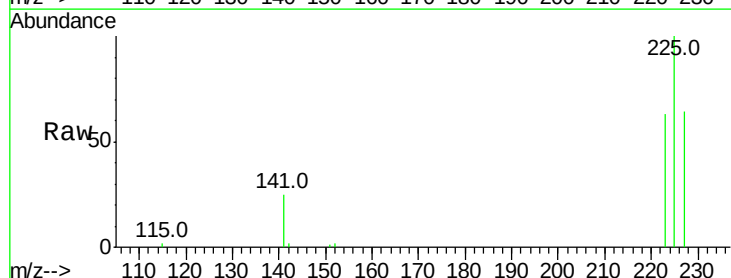
Tgt Ion:225 Resp: 7353

Ion Ratio Lower Upper

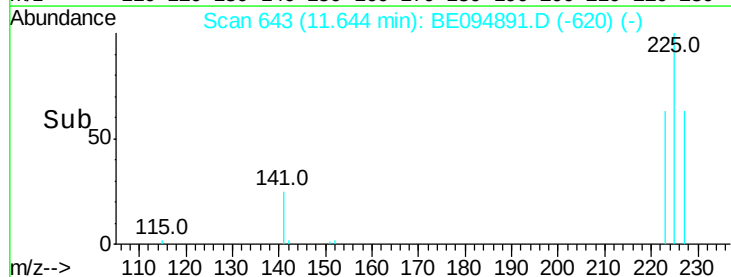
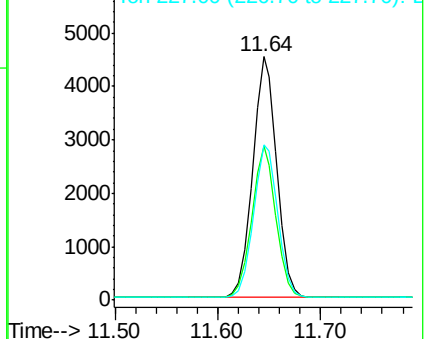
225 100

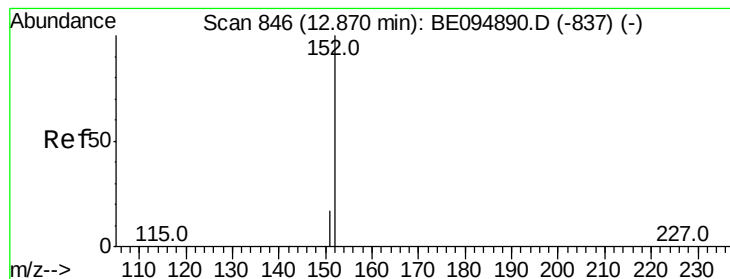
223 62.3 53.0 79.6

227 64.1 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: 0.778 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

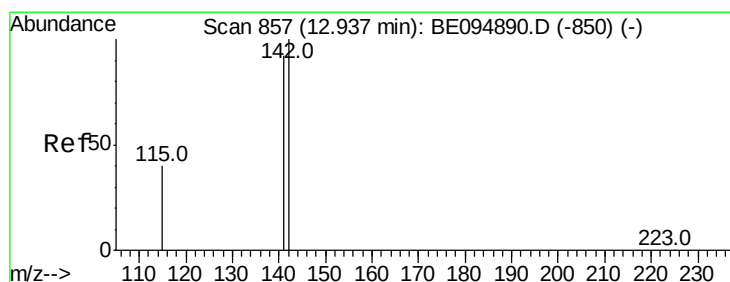
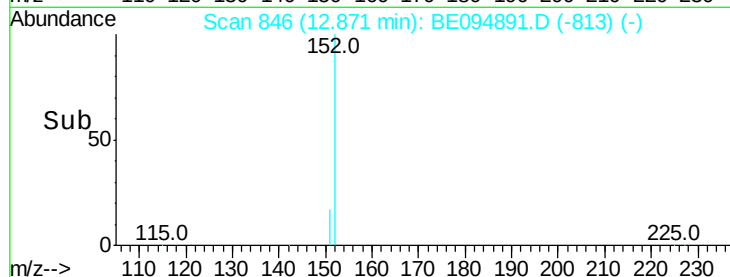
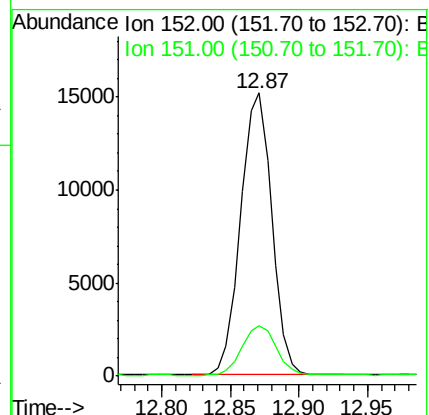
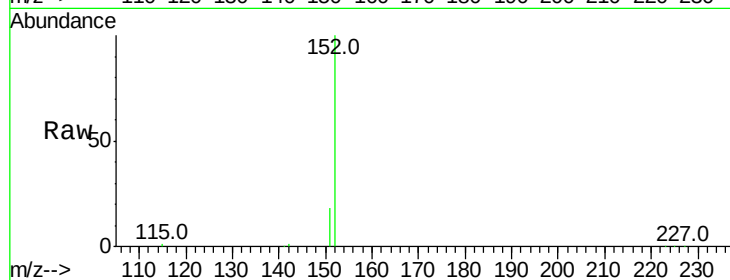
SSTDIC0.8

Tot Ion:152 Resp: 24037

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 1.146 ng

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

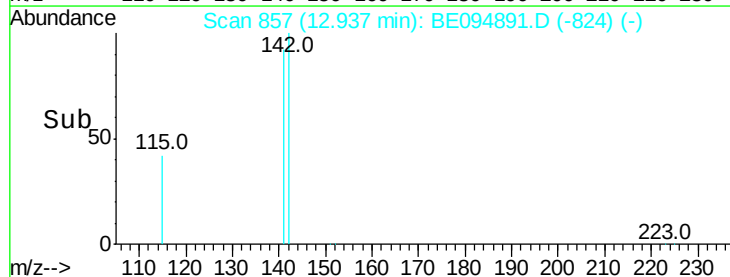
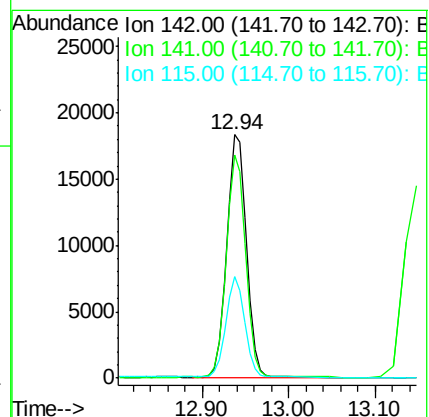
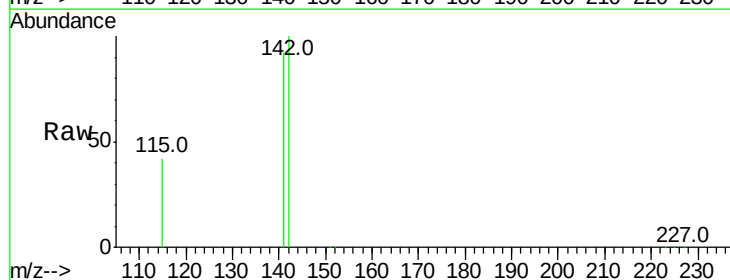
Tgt Ion:142 Resp: 42373

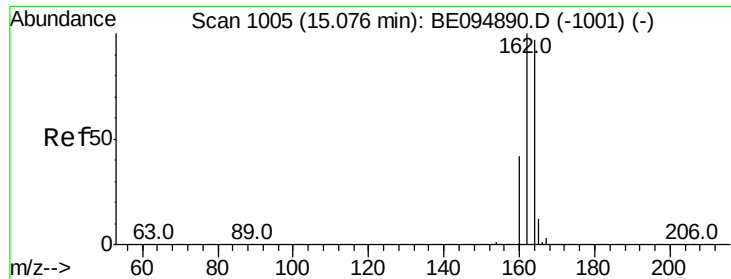
Ion Ratio Lower Upper

142 100

141 91.9 70.4 105.6

115 41.9 31.7 47.5

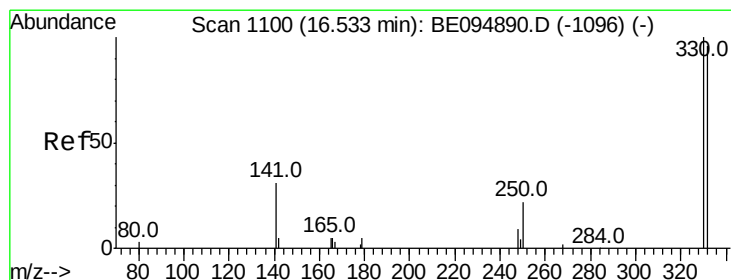
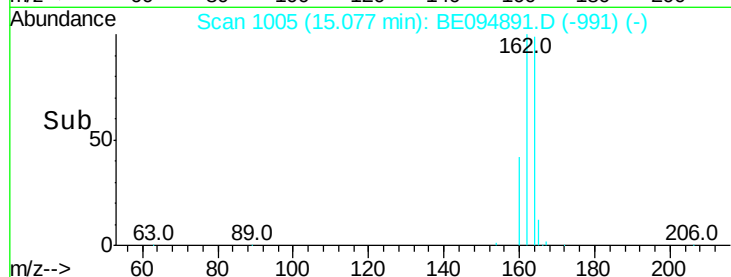
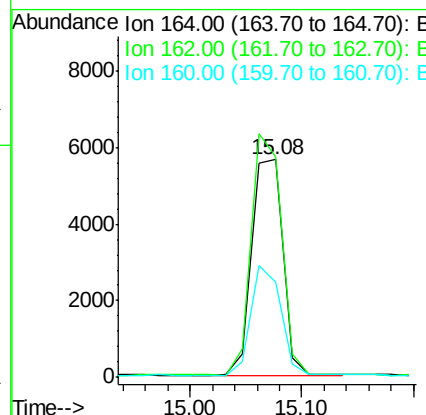
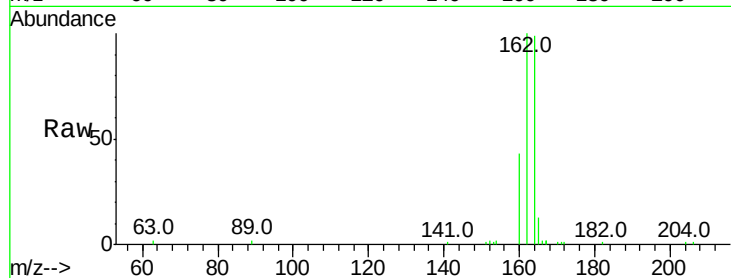




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.08 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BE094891.D
 Acq: 30 Nov 2017 14:24

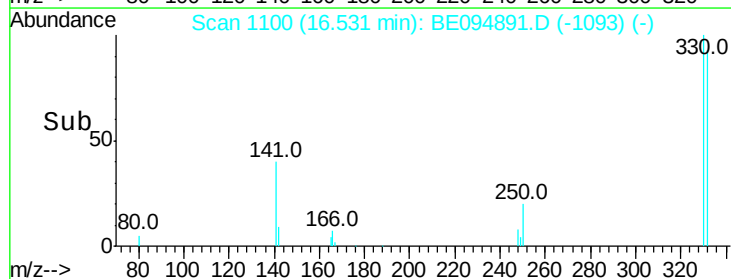
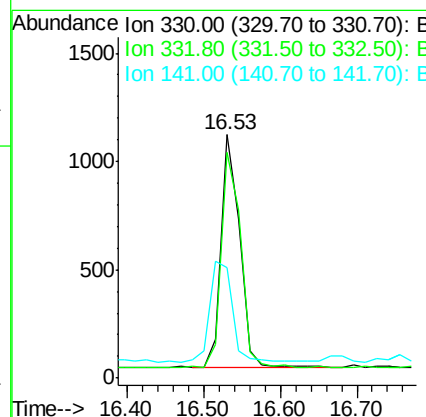
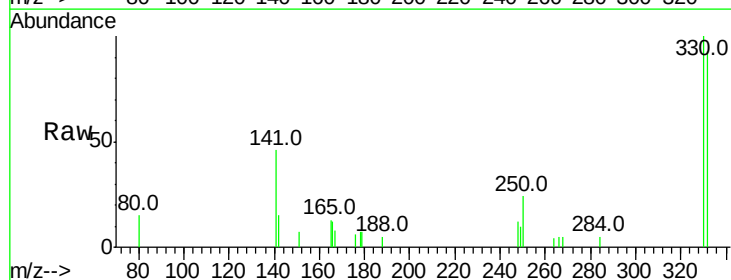
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

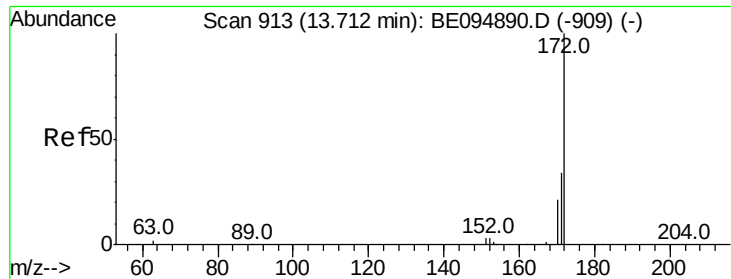
Tot Ion:164 Resp: 10825
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.1 124.7
 160 43.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.598 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BE094891.D
 Acq: 30 Nov 2017 14:24

Tgt Ion:330 Resp: 1785
 Ion Ratio Lower Upper
 330 100
 332 97.8 152.7 229.1#
 141 54.0 33.7 50.5#

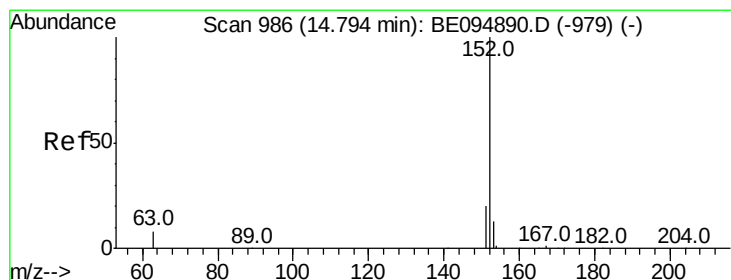
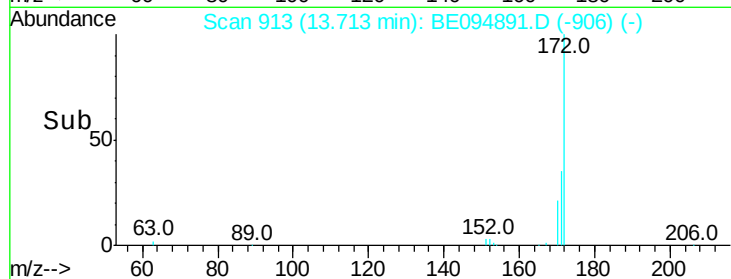
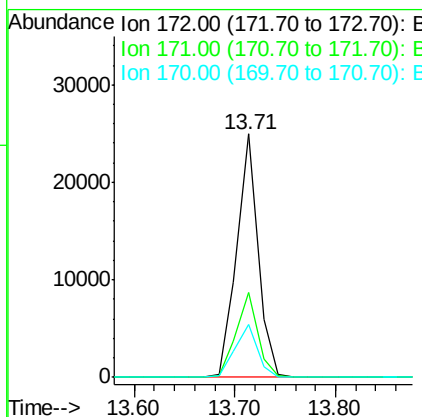
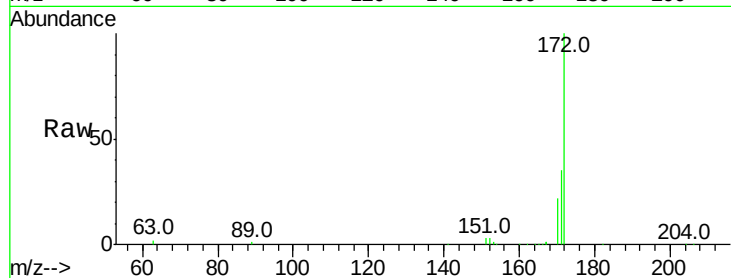




#15
2-Fluorobiphenyl
Concen: 0.960 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

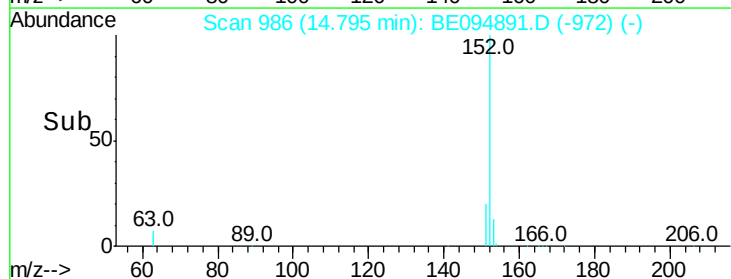
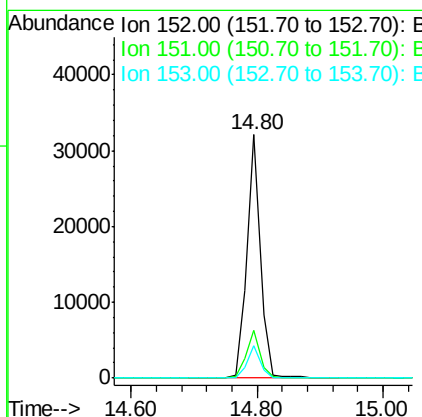
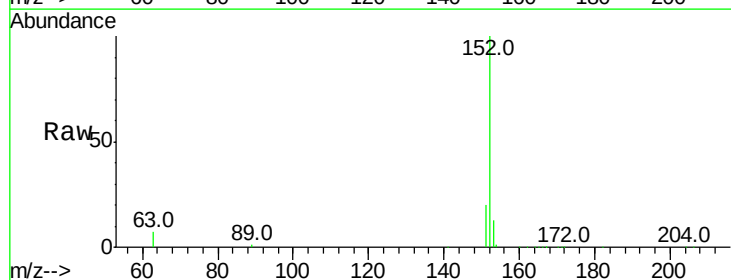
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

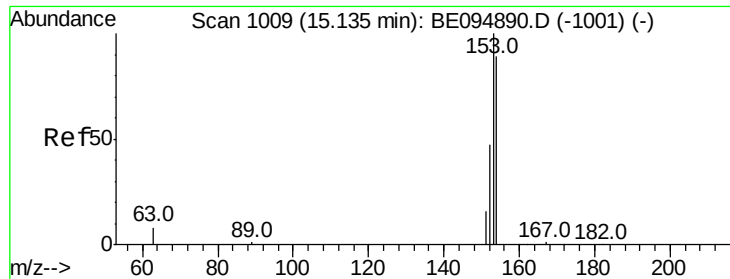
Tot Ion:172 Resp: 36611
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 21.7 21.8 32.8#



#16
Acenaphthylene
Concen: 0.829 ng
RT: 14.80 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094891.D
Acq: 30 Nov 2017 14:24

Tgt Ion:152 Resp: 47368
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.839 ng

RT: 15.14 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

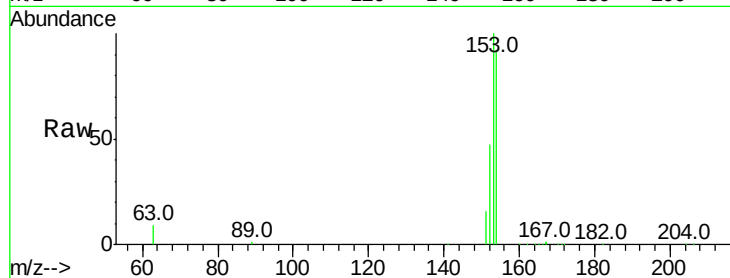
Tot Ion:154 Resp: 30783

Ion Ratio Lower Upper

154 100

153 113.6 89.2 133.8

152 57.0 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

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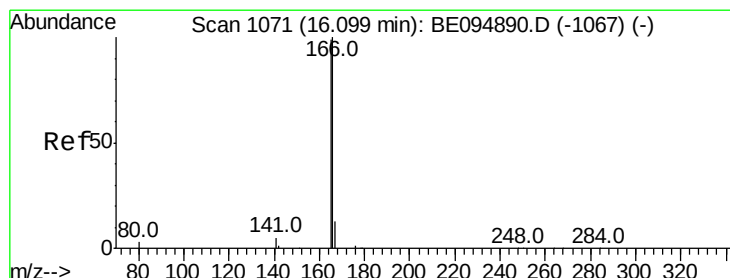
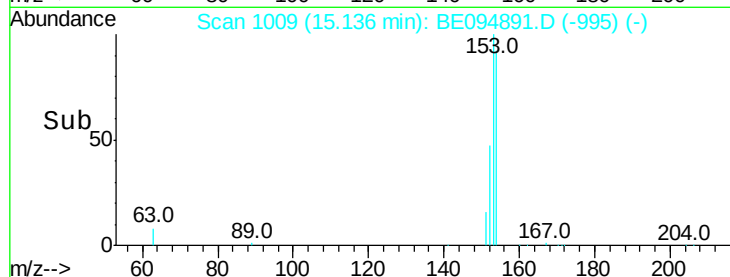
15.14

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15.14



#18

Fluorene

Concen: 0.833 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

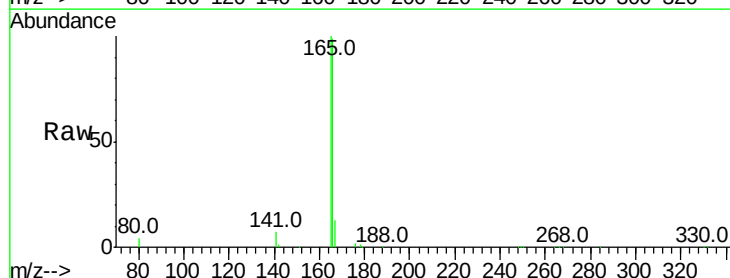
Tgt Ion:166 Resp: 39183

Ion Ratio Lower Upper

166 100

165 100.5 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

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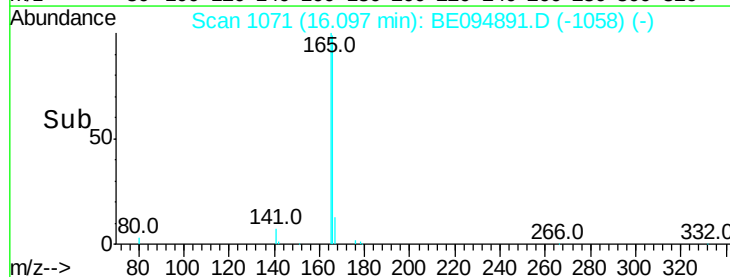
16.10

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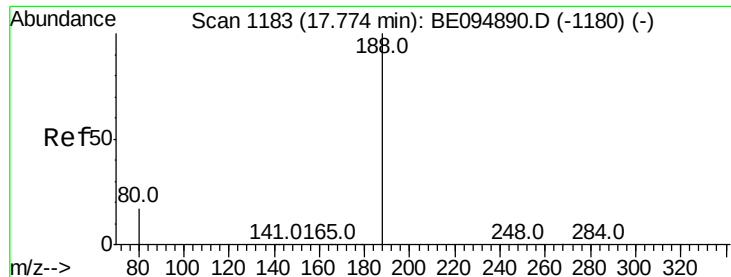
16.10

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16.10



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

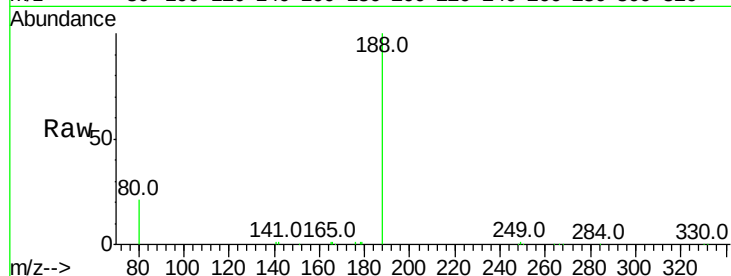
Tot Ion:188 Resp: 26849

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

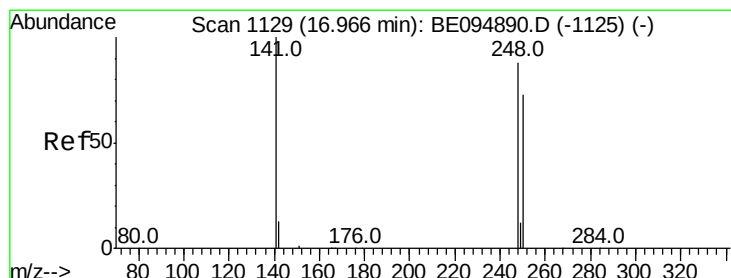
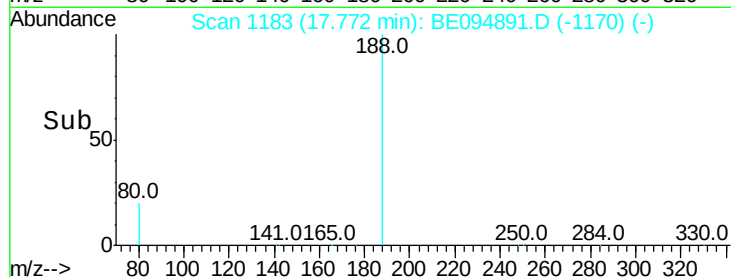
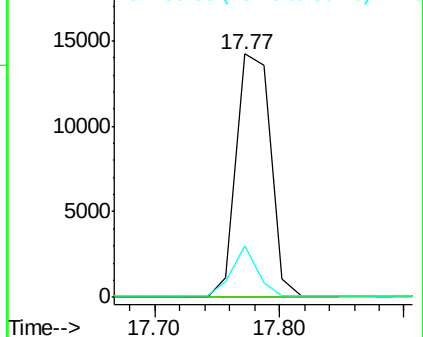
80 21.1 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.786 ng

RT: 16.98 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

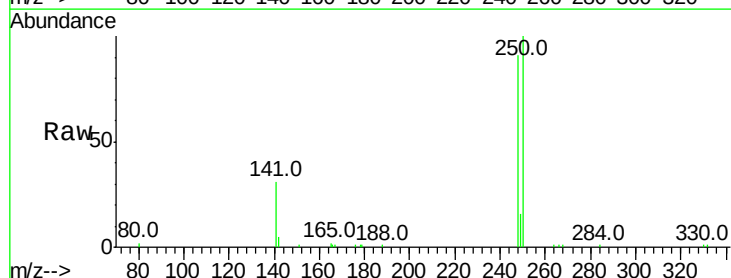
Tgt Ion:248 Resp: 11497

Ion Ratio Lower Upper

248 100

250 110.1 62.7 94.1#

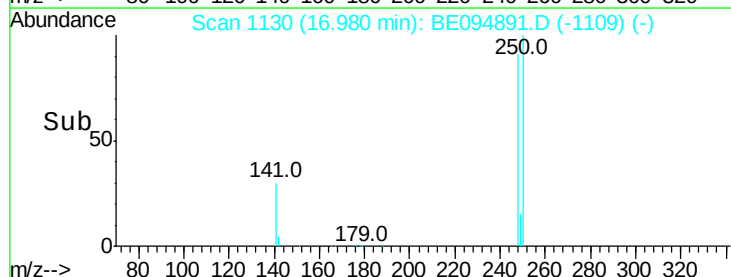
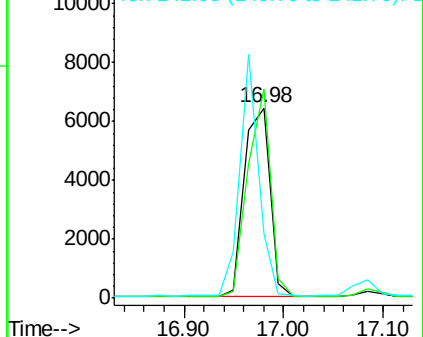
141 34.1 48.2 72.2#

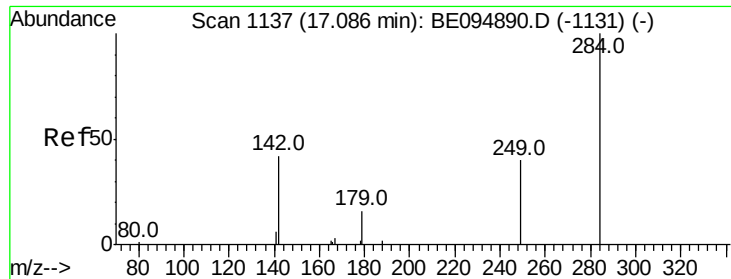


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

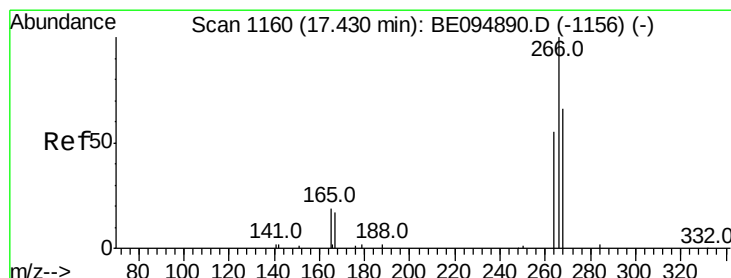
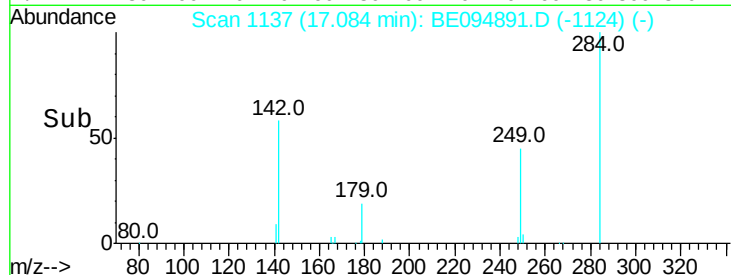
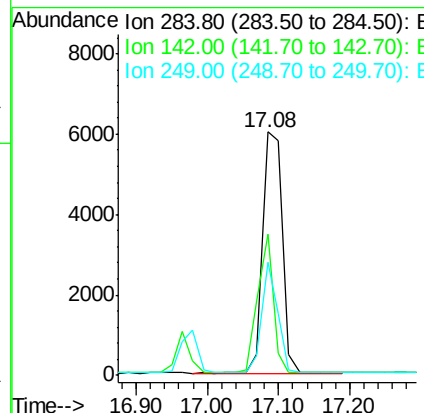
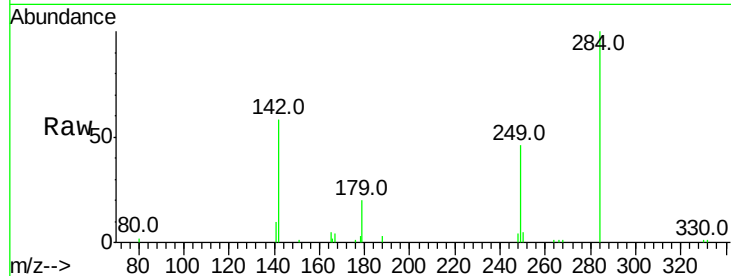




#21
 Hexachlorobenzene
 Concen: 0.892 ng
 RT: 17.08 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BE094891.D
 Acq: 30 Nov 2017 14:24

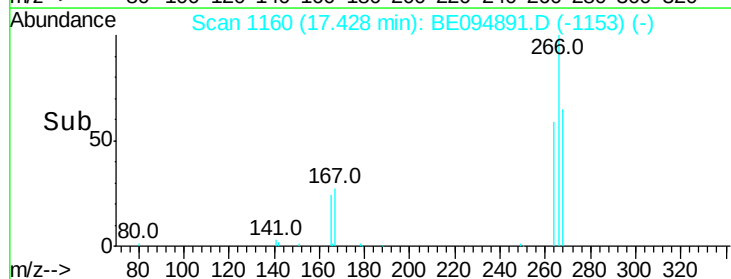
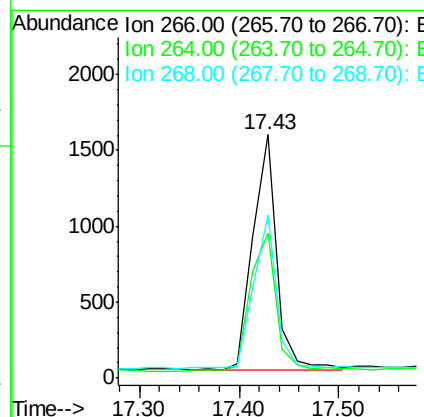
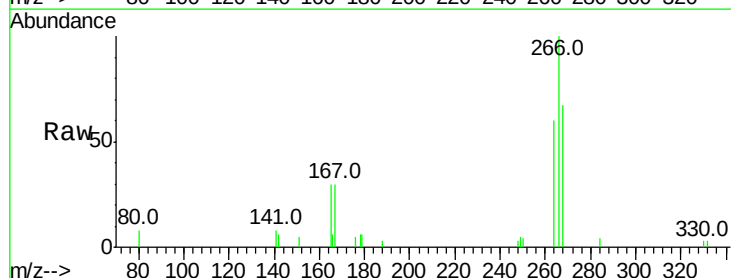
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

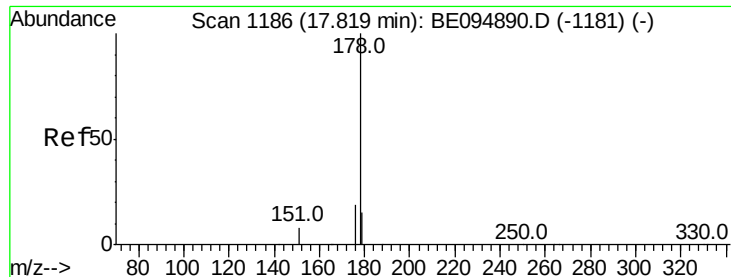
Tot Ion:284	Resp:	11448
Ion Ratio	Lower	Upper
284	100	
142	45.8	22.1 33.1#
249	36.5	34.8 52.2



#22
 Pentachlorophenol
 Concen: 1.564 ng
 RT: 17.43 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BE094891.D
 Acq: 30 Nov 2017 14:24

Tgt Ion:266	Resp:	2564
Ion Ratio	Lower	Upper
266	100	
264	59.9	72.5 108.7#
268	67.0	73.8 110.6#





#23

Phenanthrene

Concen: 1.022 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

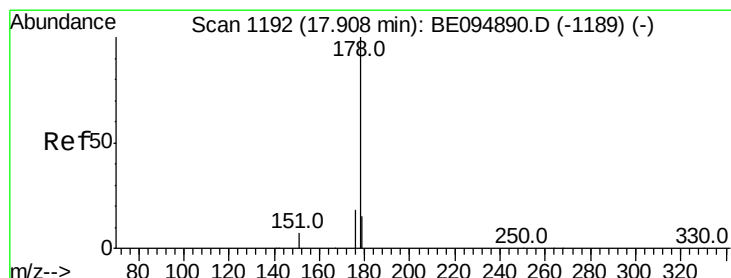
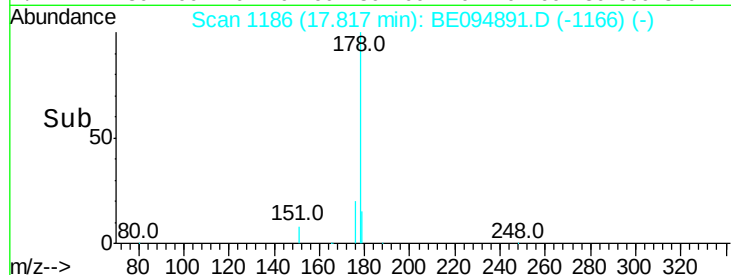
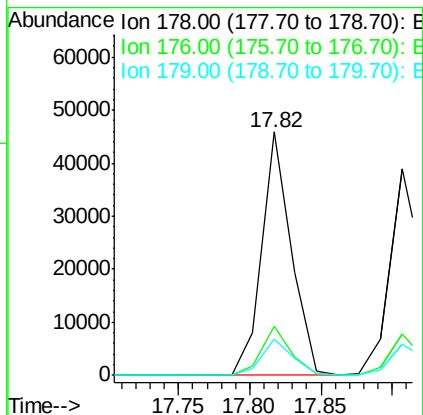
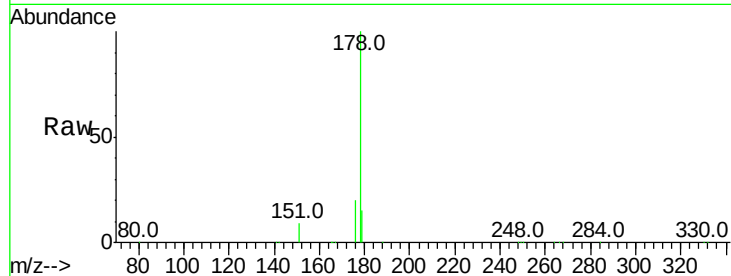
Tot Ion:178 Resp: 66491

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.2 11.8 17.6



#24

Anthracene

Concen: 0.872 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

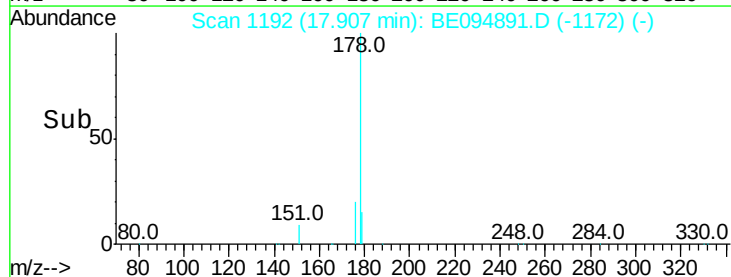
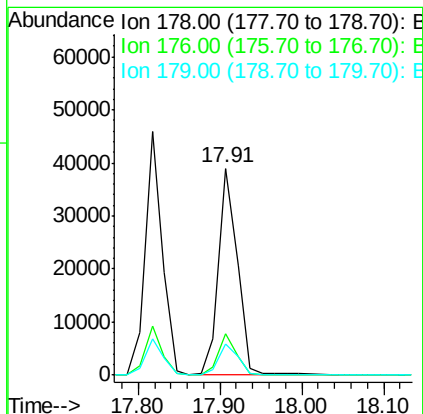
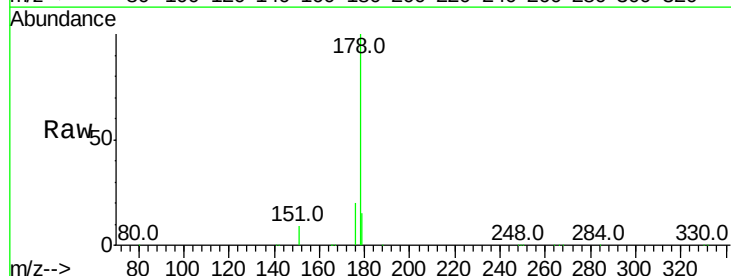
Tgt Ion:178 Resp: 68840

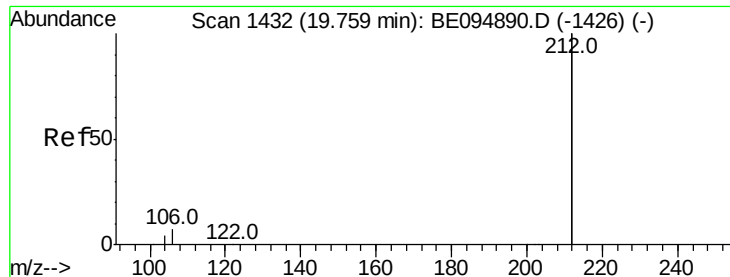
Ion Ratio Lower Upper

178 100

176 19.9 12.8 19.2#

179 16.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 1.011 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

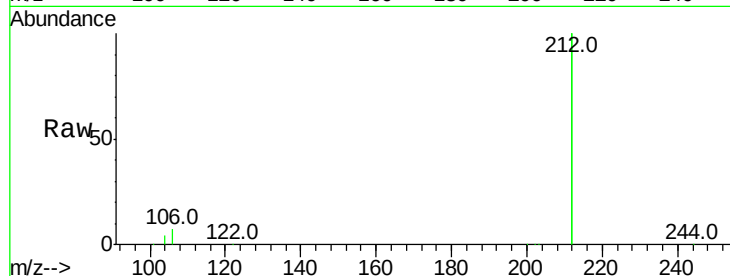
Tot Ion:212 Resp: 285856

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

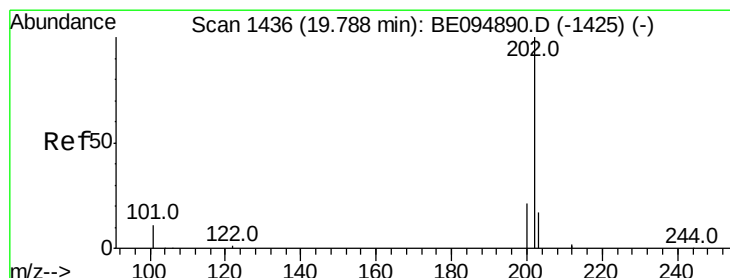
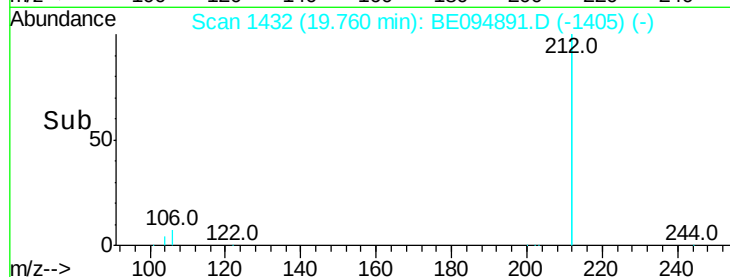
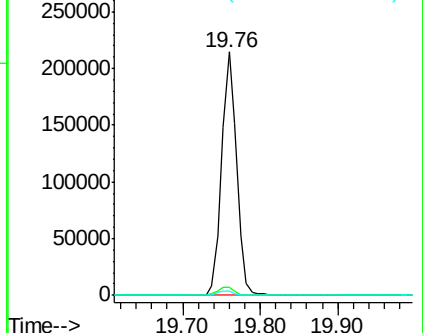
104 2.0 1.6 2.4



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: 1.016 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

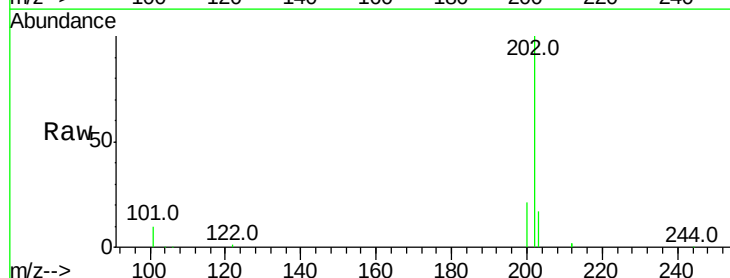
Tgt Ion:202 Resp: 87649

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

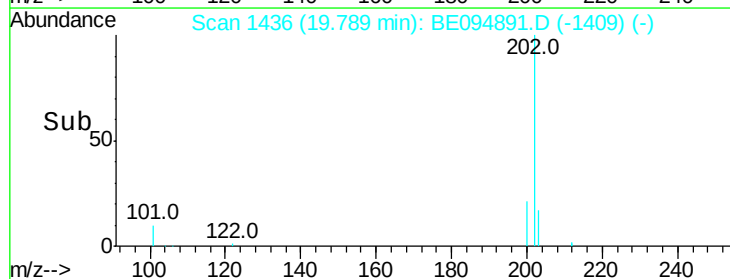
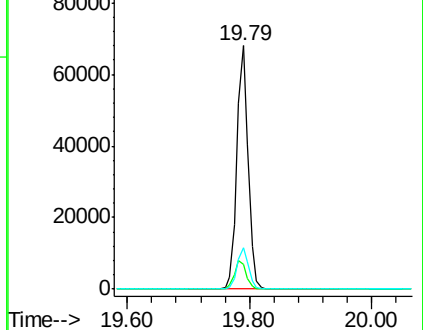
203 16.9 13.7 20.5

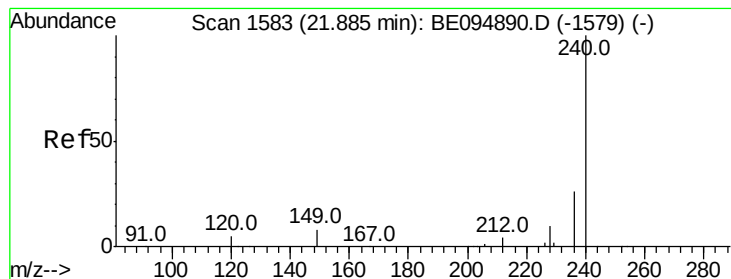


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

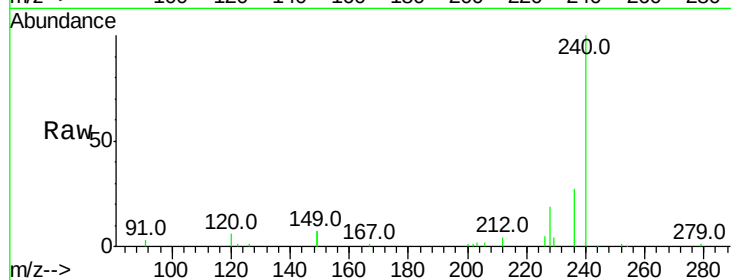
Tot Ion:240 Resp: 33006

Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

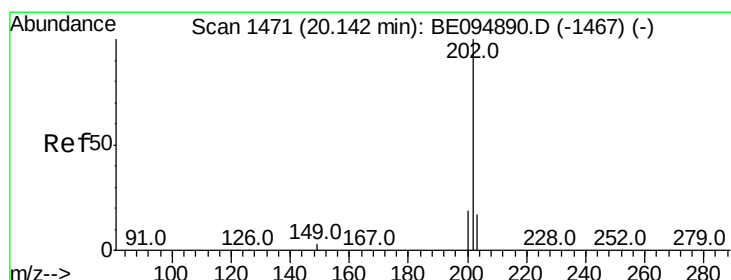
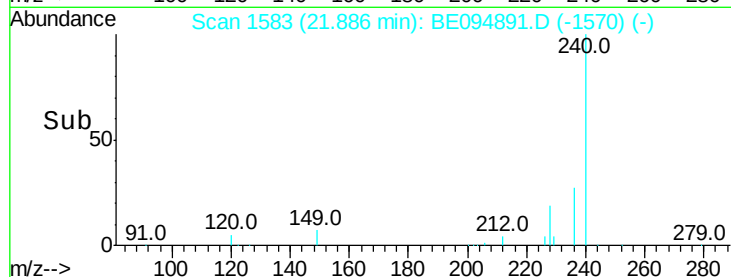
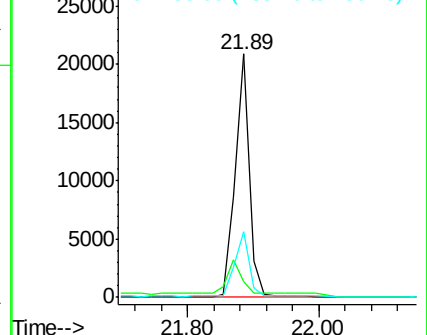
236 27.1 20.7 31.1



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: 0.764 ng

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

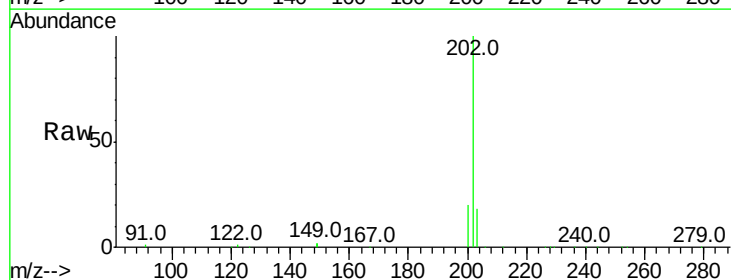
Tgt Ion:202 Resp: 88205

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

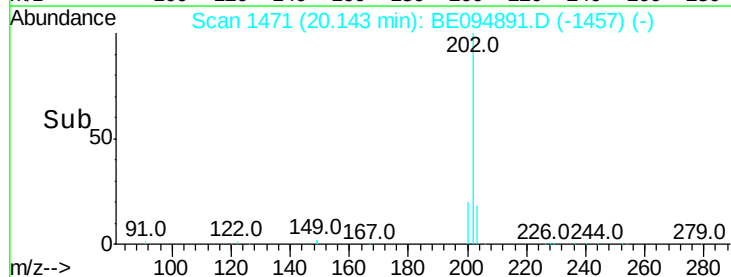
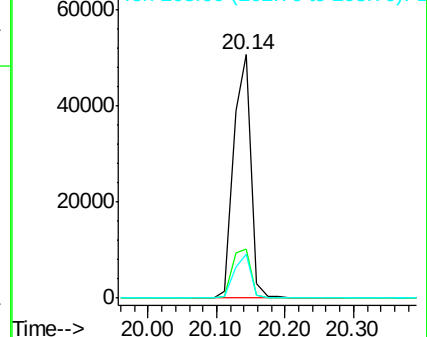
203 20.2 13.8 20.8

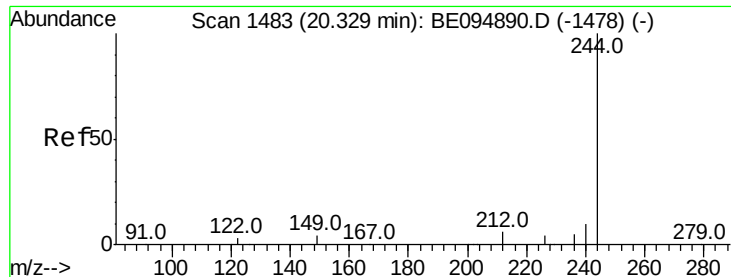


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.765 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

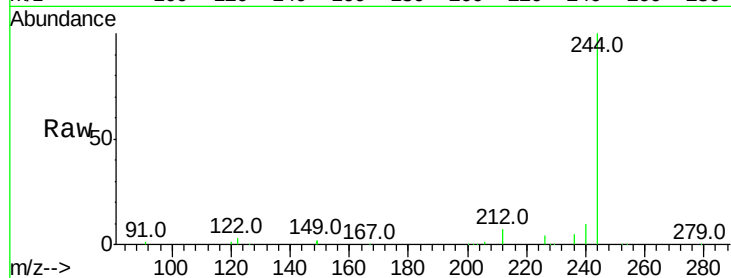
Tot Ion:244 Resp: 47599

Ion Ratio Lower Upper

244 100

212 6.6 25.4 38.0#

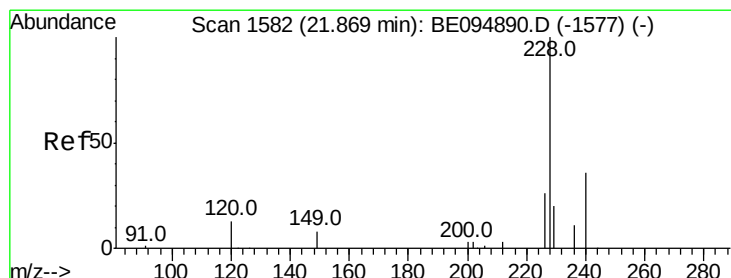
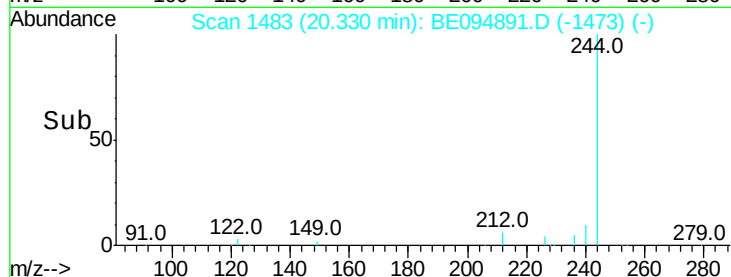
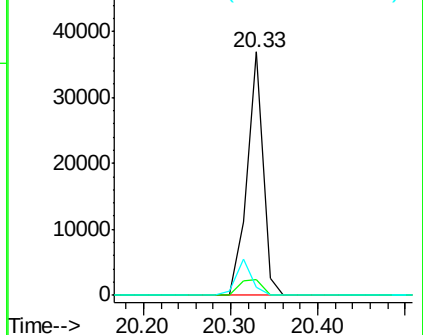
122 3.5 8.1 12.1#



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: 0.721 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

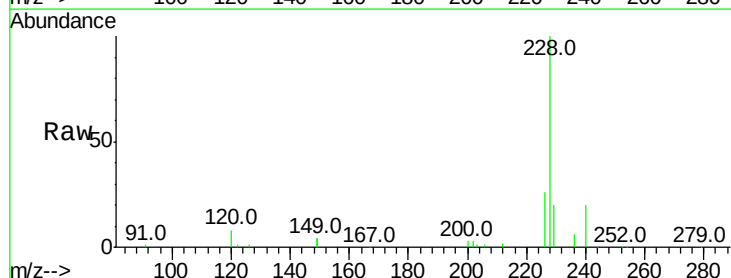
Tgt Ion:228 Resp: 77530

Ion Ratio Lower Upper

228 100

226 25.6 40.0 60.0#

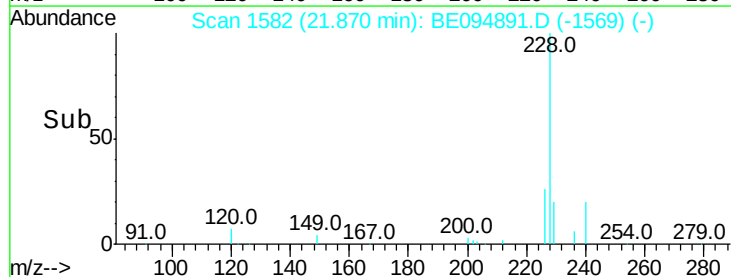
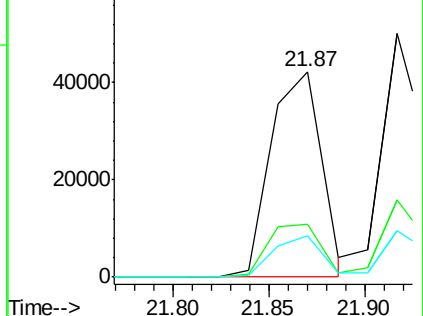
229 20.1 40.0 60.0#

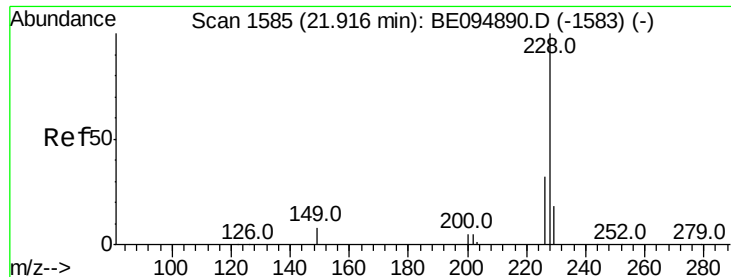


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.777 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

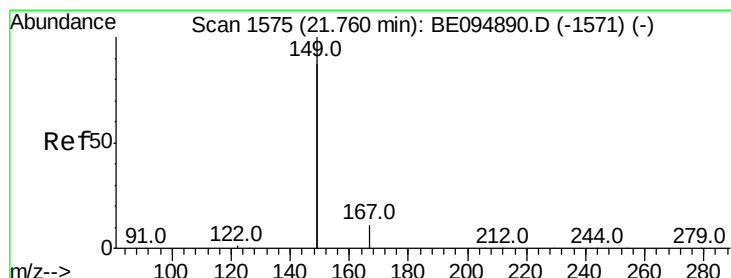
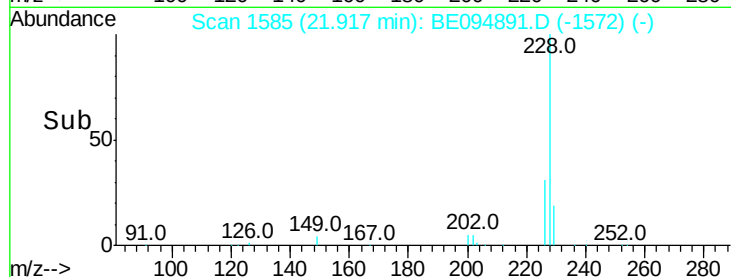
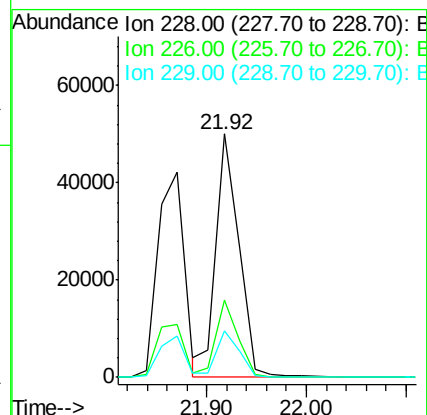
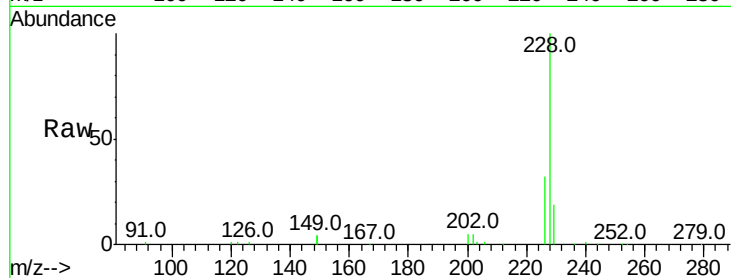
Tot Ion:228 Resp: 84759

Ion Ratio Lower Upper

228 100

226 31.6 40.0 60.0#

229 19.0 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.448 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

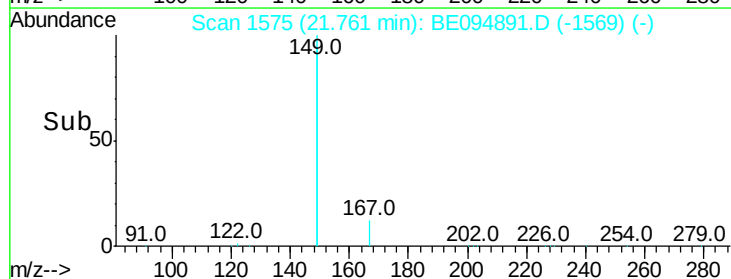
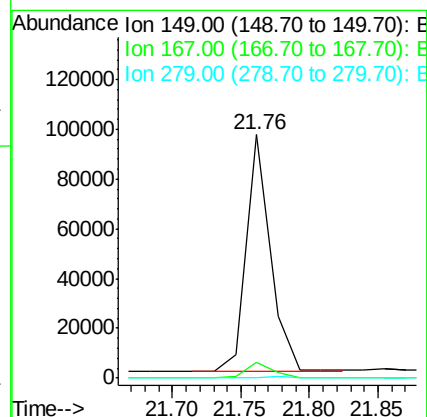
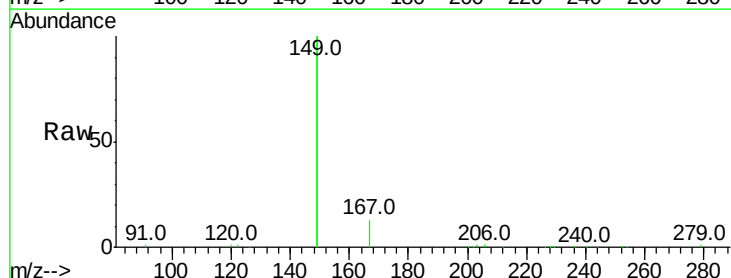
Tgt Ion:149 Resp: 118005

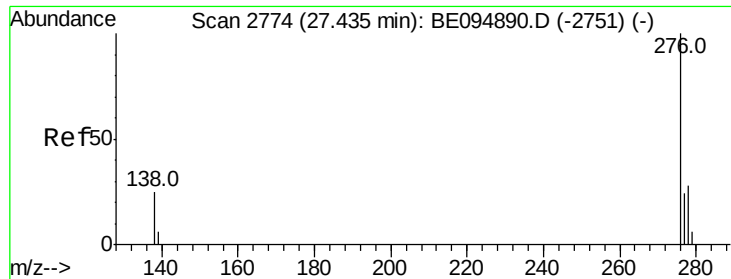
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.683 ng

RT: 27.44 min Scan# 2776

Delta R.T. 0.01 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

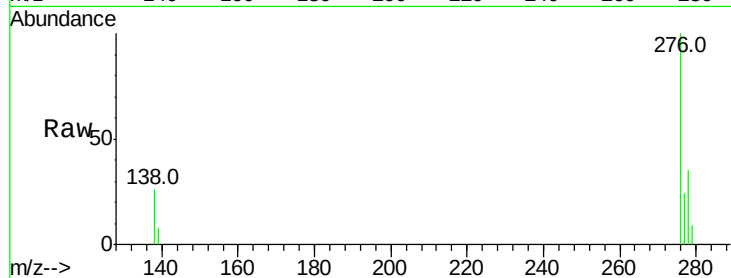
Tot Ion:276 Resp: 68813

Ion Ratio Lower Upper

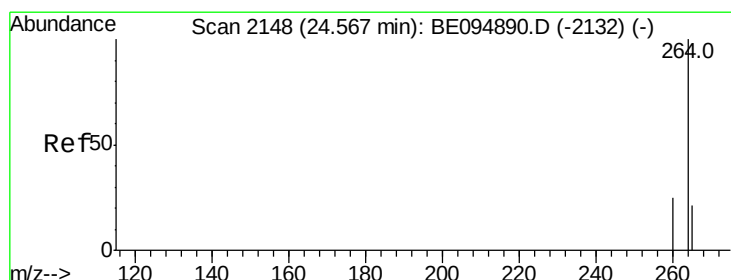
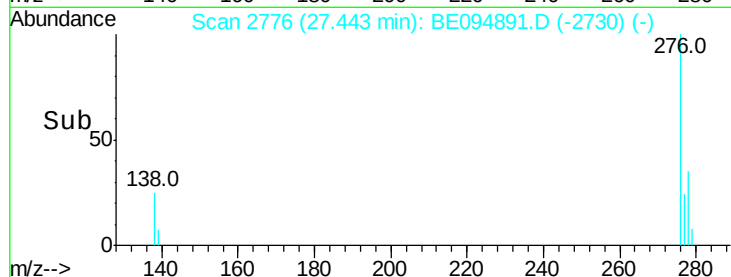
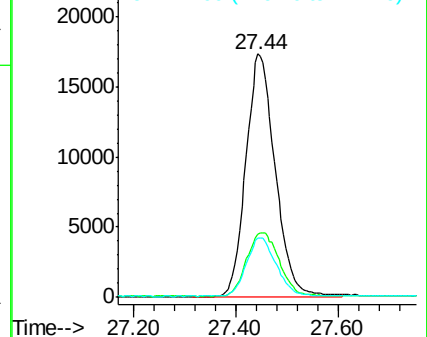
276 100

138 29.5 22.5 33.7

277 24.6 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: 24.57 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

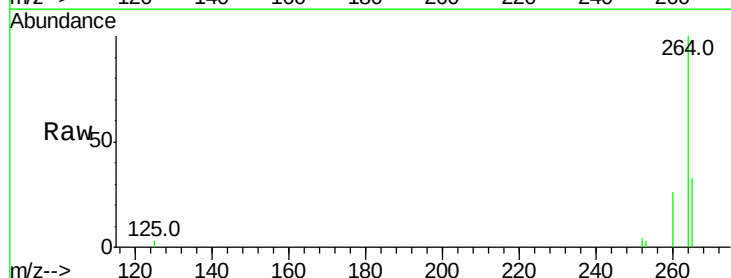
Tgt Ion:264 Resp: 24996

Ion Ratio Lower Upper

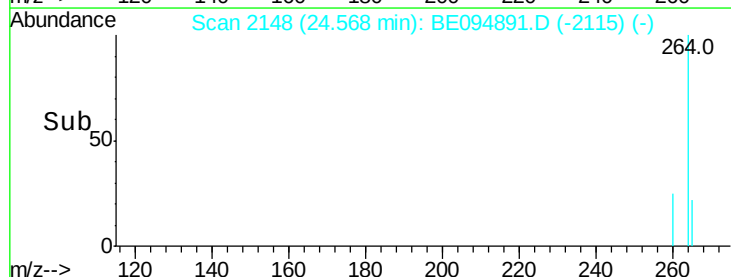
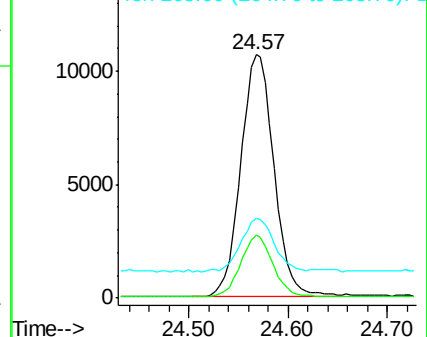
264 100

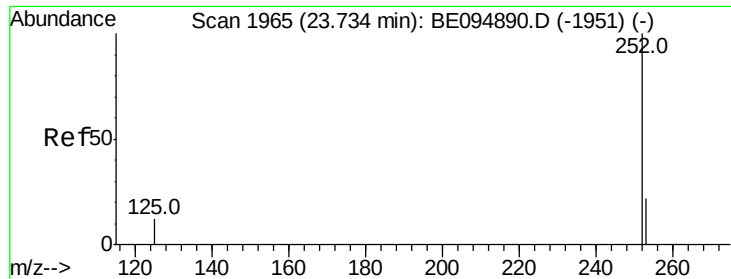
260 25.8 20.5 30.7

265 32.7 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: 0.874 ng

RT: 23.73 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

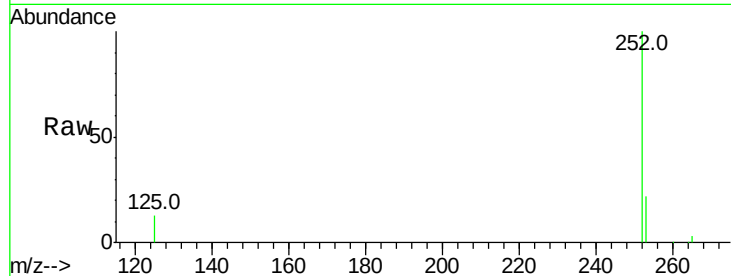
Tot Ion:252 Resp: 70711

Ion Ratio Lower Upper

252 100

253 22.0 48.0 72.0#

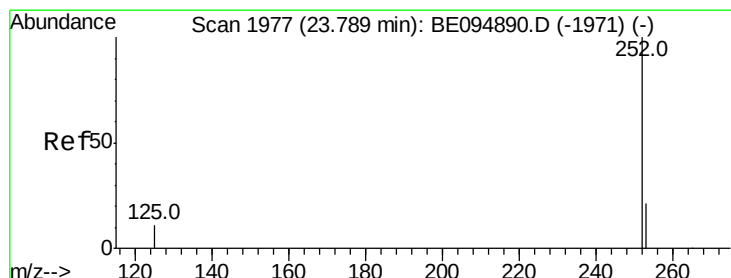
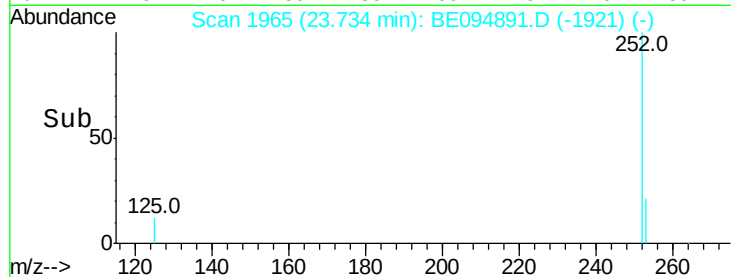
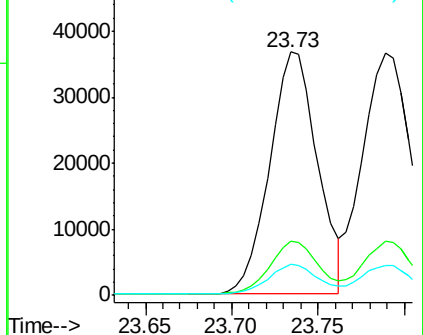
125 12.8 56.0 84.0#



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: 0.858 ng

RT: 23.79 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

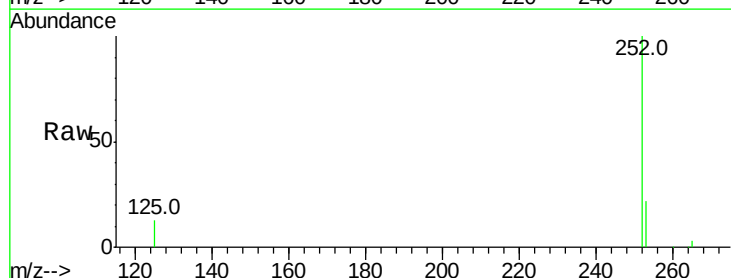
Tgt Ion:252 Resp: 73936

Ion Ratio Lower Upper

252 100

253 22.3 48.0 72.0#

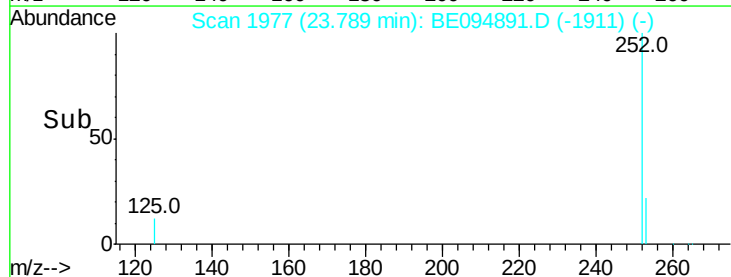
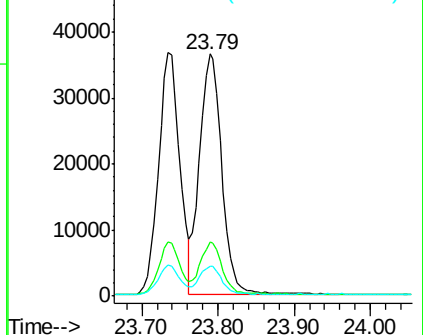
125 12.5 56.0 84.0#

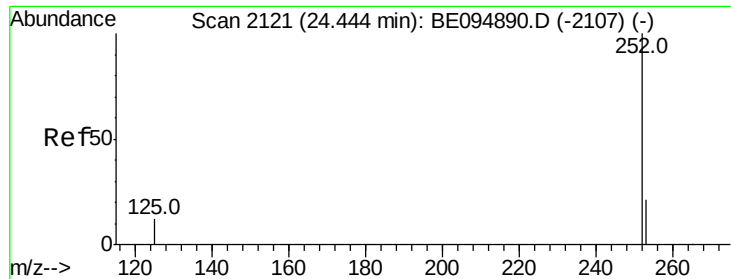


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.795 ng

RT: 24.45 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

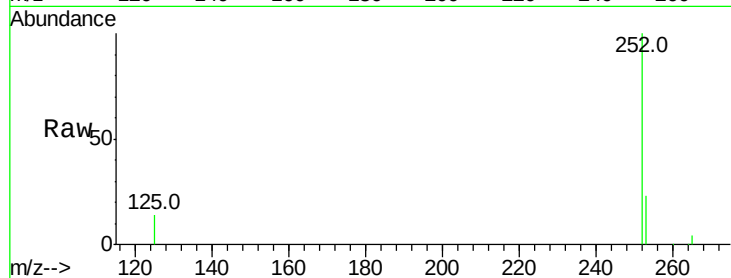
Tot Ion:252 Resp: 62372

Ion Ratio Lower Upper

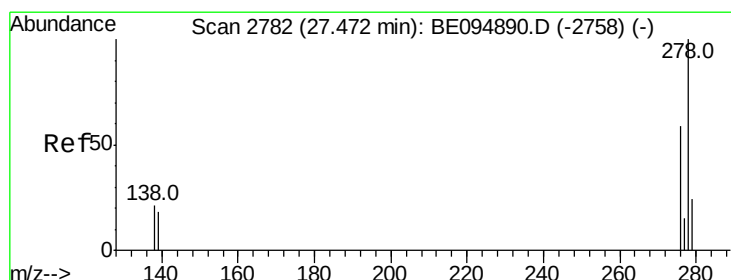
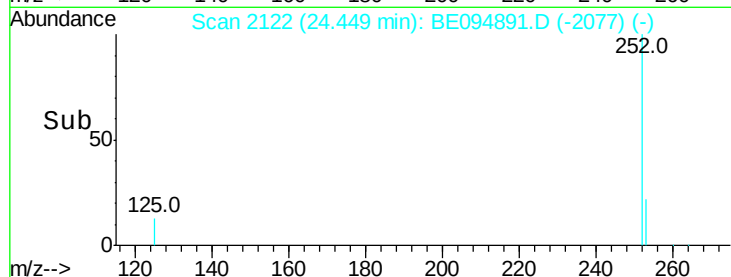
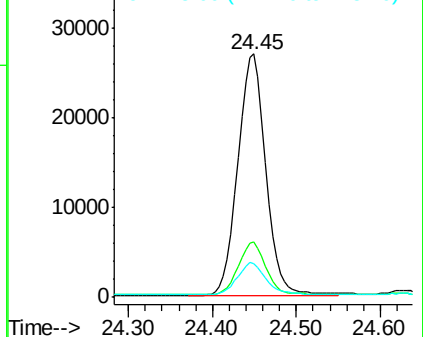
252 100

253 22.6 52.0 78.0#

125 14.0 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: 0.831 ng

RT: 27.48 min Scan# 2784

Delta R.T. 0.01 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

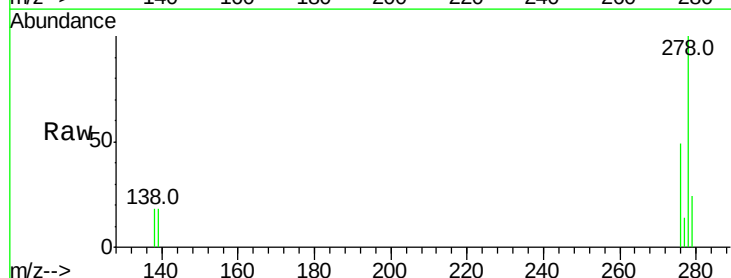
Tgt Ion:278 Resp: 58531

Ion Ratio Lower Upper

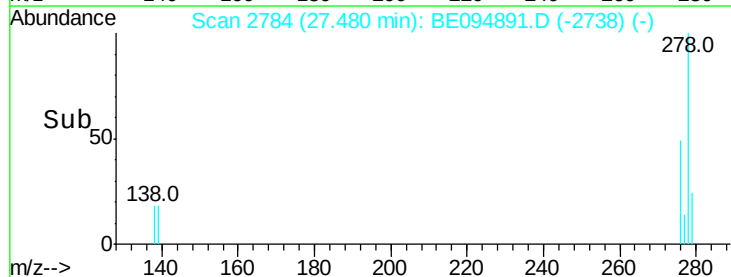
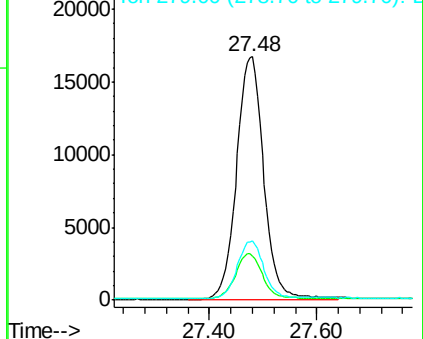
278 100

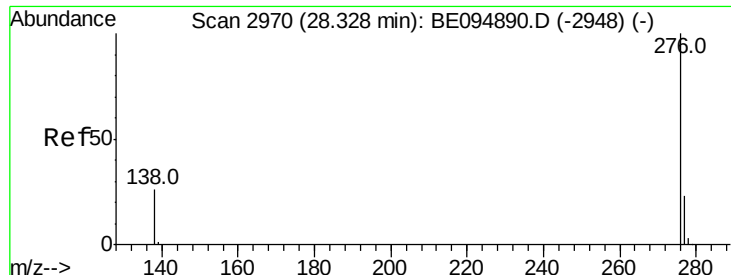
139 18.2 56.0 84.0#

279 24.3 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: 0.881 ng

RT: 28.33 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BE094891.D

Acq: 30 Nov 2017 14:24

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

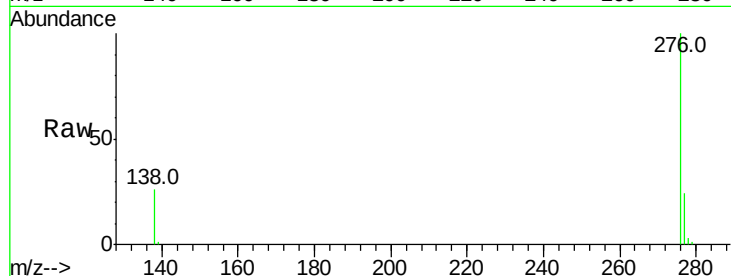
Tot Ion:276 Resp: 58108

Ion Ratio Lower Upper

276 100

277 23.7 52.0 78.0#

138 25.6 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

