

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094413.D
 Acq On : 16 Oct 2017 12:24
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Oct 16 14:19:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 13:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1400	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7433	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4097	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7401	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9745	0.40	ng	0.00
34) Perylene-d12	23.96	264	9186	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1915	0.36	ng	0.00
5) Phenol-d6	7.13	99	3036	0.41	ng	0.00
8) Nitrobenzene-d5	9.08	82	2565	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4595	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	665	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6001	0.44	ng	0.00
25) Fluoranthene-d10	19.29	212	45842	0.64	ng	0.00
29) Terphenyl-d14	19.87	244	7922	0.45	ng	0.00

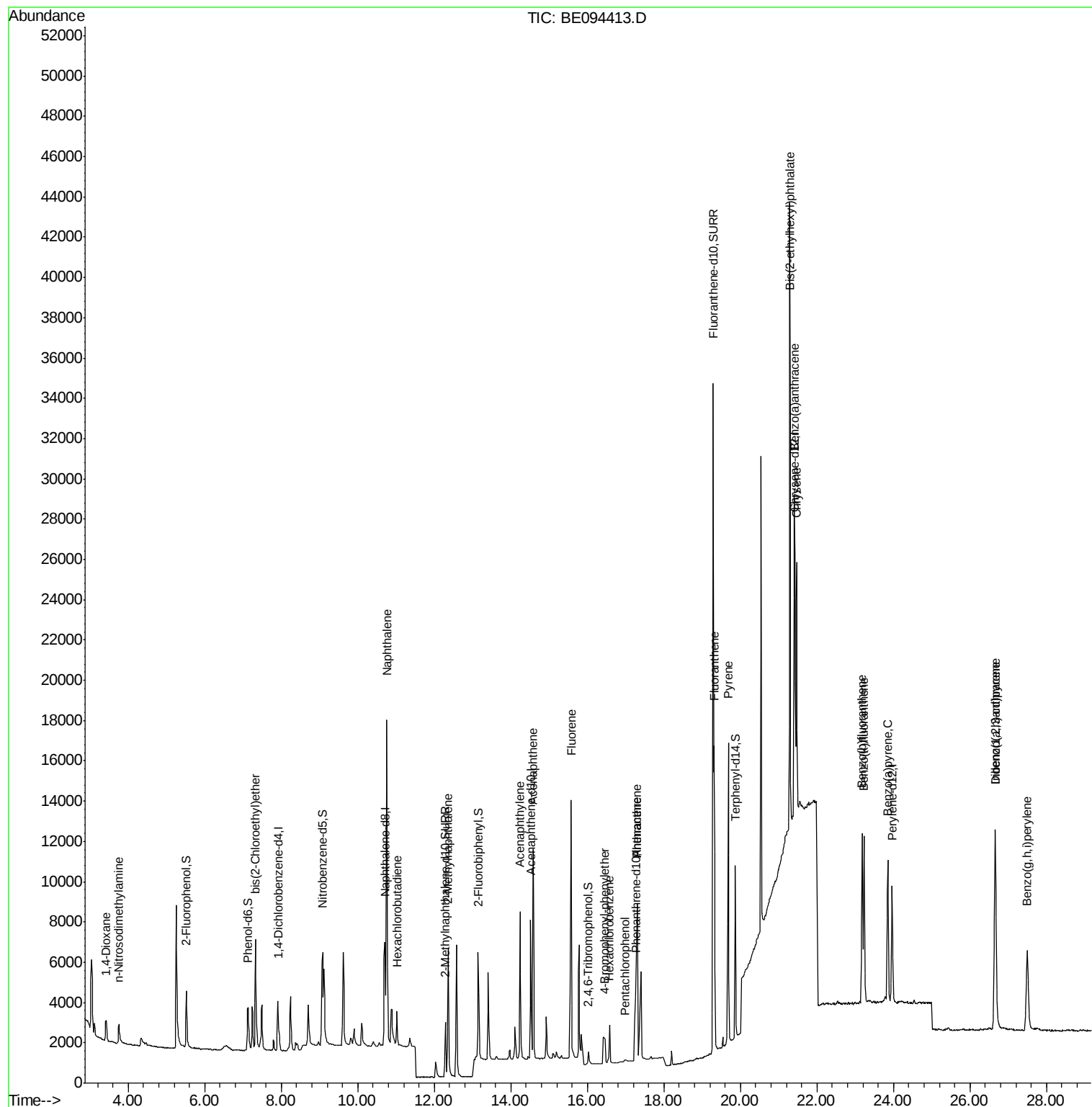
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	980	0.359	ng	# 87
3) n-Nitrosodimethylamine	3.74	42	971	0.279	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	2264	0.396	ng	95
9) Naphthalene	10.76	128	33369	0.398	ng	100
10) Hexachlorobutadiene	11.03	225	1320	0.420	ng	98
12) 2-Methylnaphthalene	12.36	142	5415	0.398	ng	98
16) Acenaphthylene	14.24	152	8945	0.436	ng	100
17) Acenaphthene	14.58	154	5586	0.435	ng	99
18) Fluorene	15.58	166	7204	0.414	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1330	0.438	ng	# 38
21) Hexachlorobenzene	16.58	284	2627	1.371	ng	# 63
22) Pentachlorophenol	16.97	266	219	0.125	ng	90
23) Phenanthrene	17.30	178	13868	0.732	ng	97
24) Anthracene	17.30	178	13839	0.697	ng	98
26) Fluoranthene	19.32	202	13775	0.649	ng	99
28) Pyrene	19.68	202	14555	0.471	ng	98
30) Benzo(a)anthracene	21.42	228	13351	0.407	ng	# 69
31) Chrysene	21.47	228	13204	0.417	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.29	149	37342	0.238	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	12987	0.383	ng	98
35) Benzo(b)fluoranthene	23.18	252	12505	0.377	ng	# 53
36) Benzo(k)fluoranthene	23.23	252	12463	0.393	ng	# 53
37) Benzo(a)pyrene	23.85	252	11758	0.393	ng	# 48
38) Dibenzo(a,h)anthracene	26.66	278	11229	0.396	ng	# 57
39) Benzo(g,h,i)perylene	27.50	276	10787	0.384	ng	# 66

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

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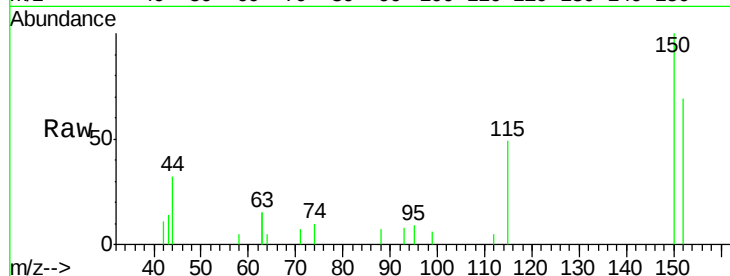


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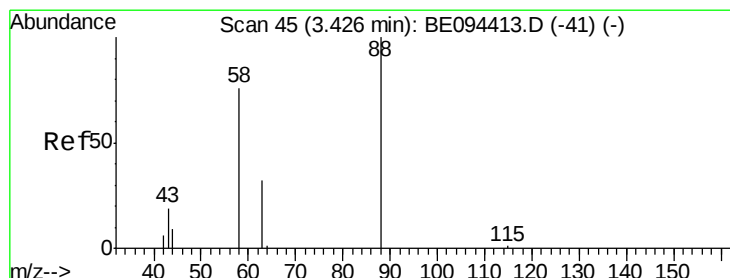
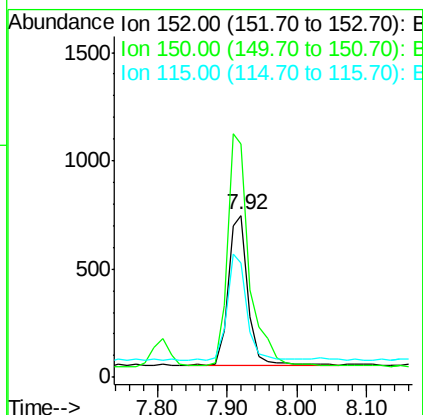
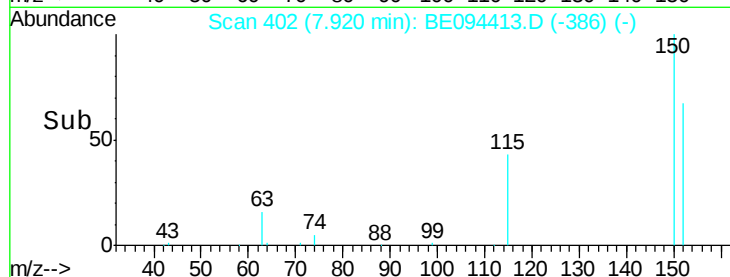
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 152 Resp: 1400
Ion Ratio Lower Upper
152 100
150 144.1 117.2 175.8
115 70.2 57.0 85.6



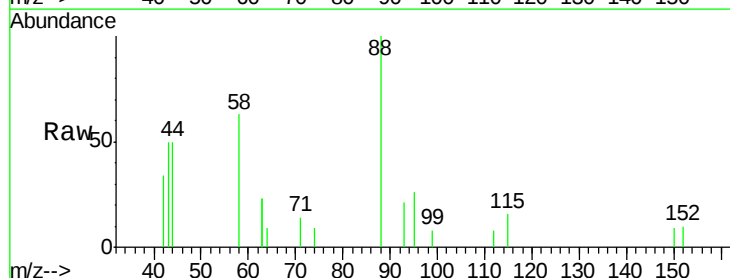
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



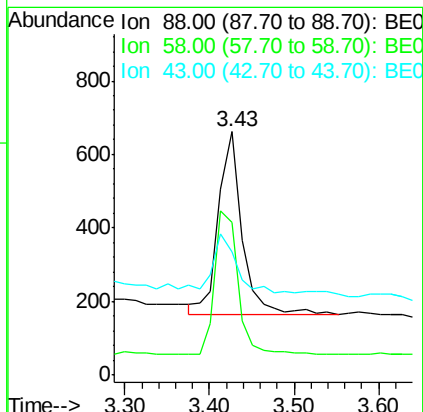
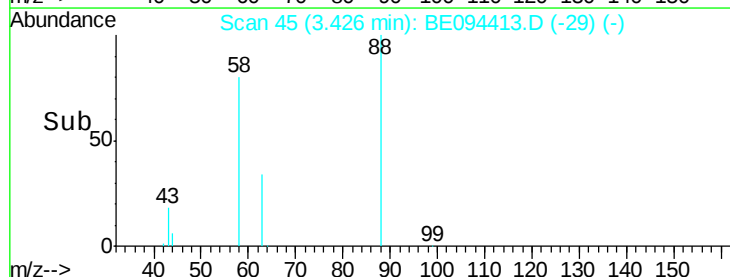
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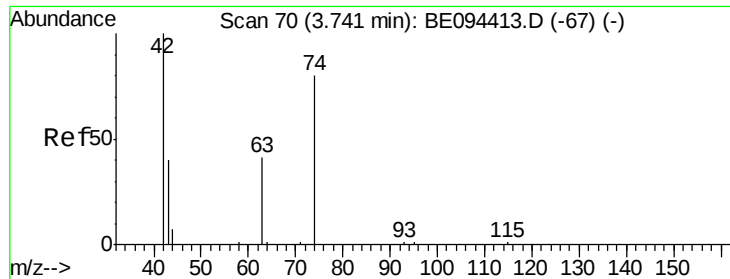
1,4-Dioxane
Concen: 0.359 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion: 88 Resp: 980
Ion Ratio Lower Upper
88 100
58 75.8 63.2 94.8
43 31.8 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



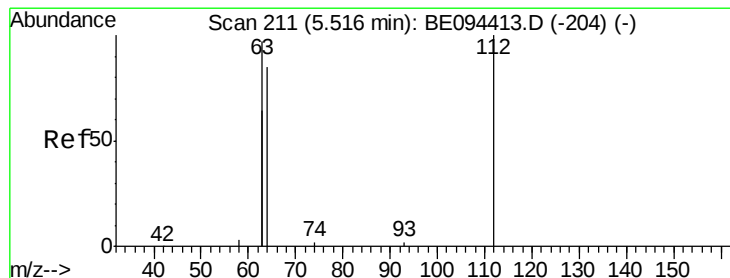
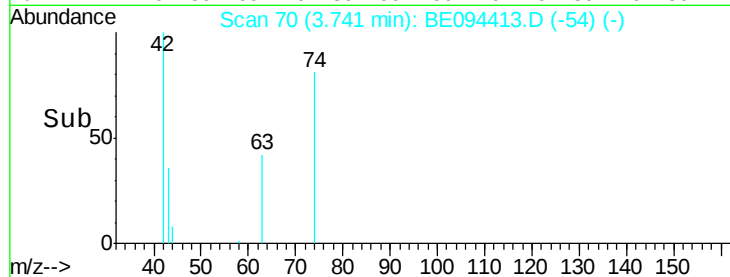
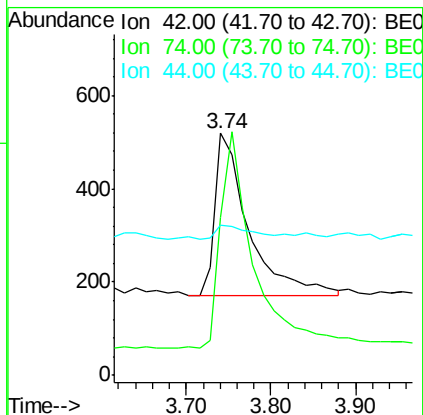
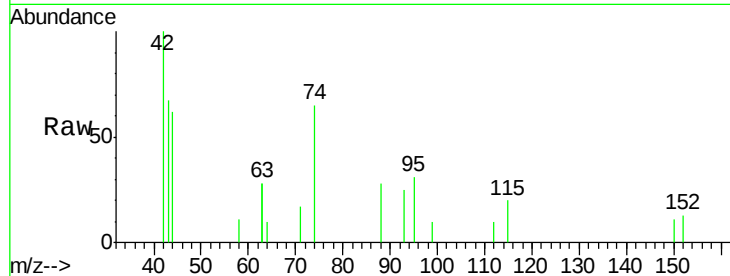


#3

n-Nitrosodimethylamine
 Concen: 0.279 ng
 RT: 3.74 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

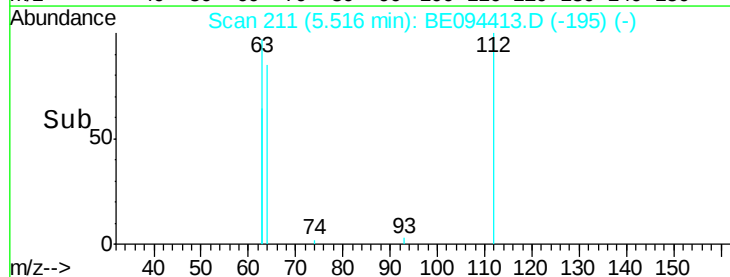
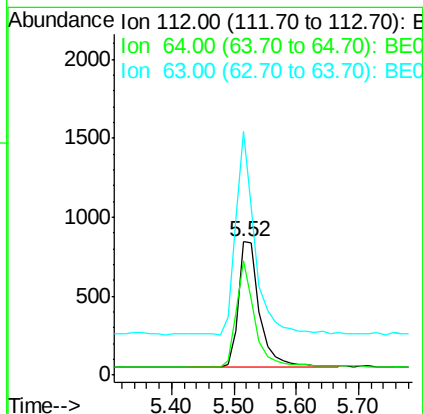
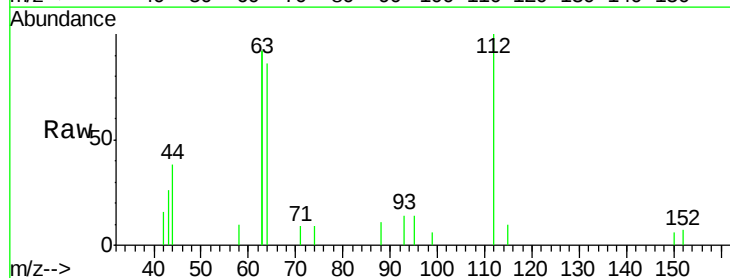
Tgt Ion: 42 Resp: 971
 Ion Ratio Lower Upper
 42 100
 74 130.7 100.3 150.5
 44 10.0 17.0 25.4#

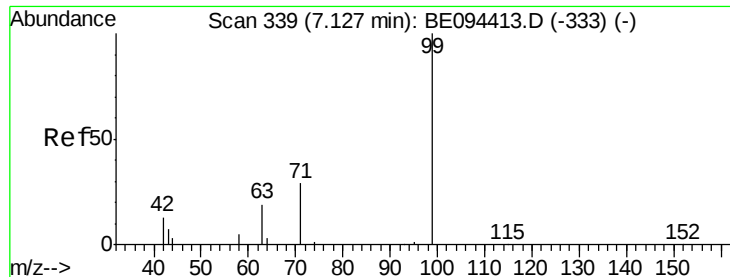


#4

2-Fluorophenol
 Concen: 0.361 ng
 RT: 5.52 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

Tgt Ion: 112 Resp: 1915
 Ion Ratio Lower Upper
 112 100
 64 73.6 60.1 90.1
 63 139.0 116.8 175.2





#5

Phenol-d6

Concen: 0.412 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

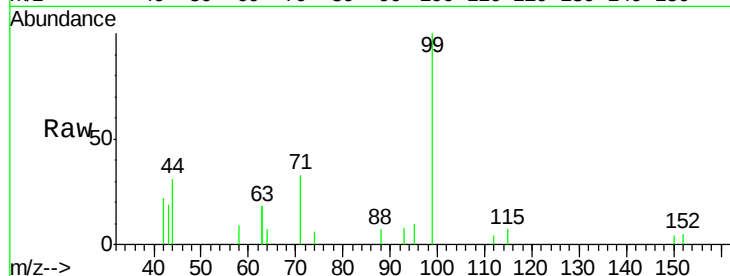
Tgt Ion: 99 Resp: 3036

Ion Ratio Lower Upper

99 100

42 20.5 20.2 30.2

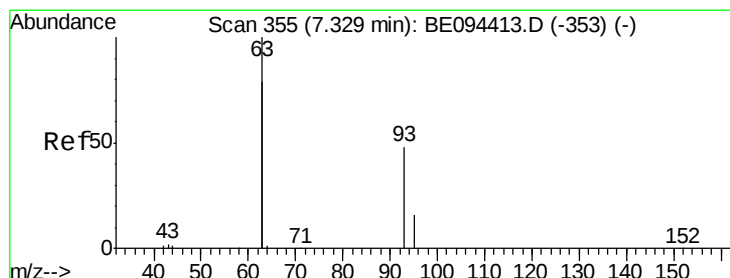
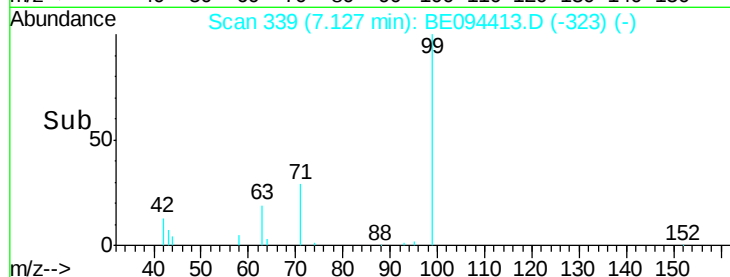
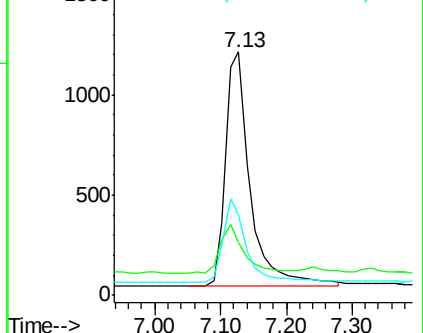
71 34.2 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

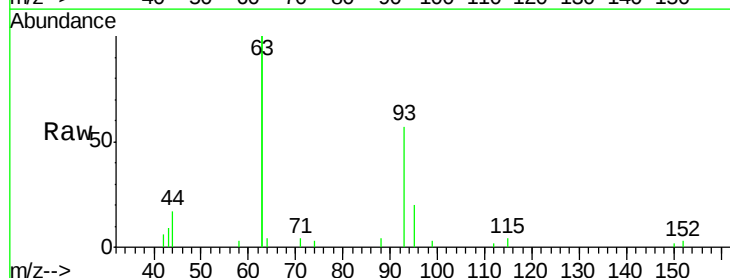
Tgt Ion: 93 Resp: 2264

Ion Ratio Lower Upper

93 100

63 331.9 275.3 412.9

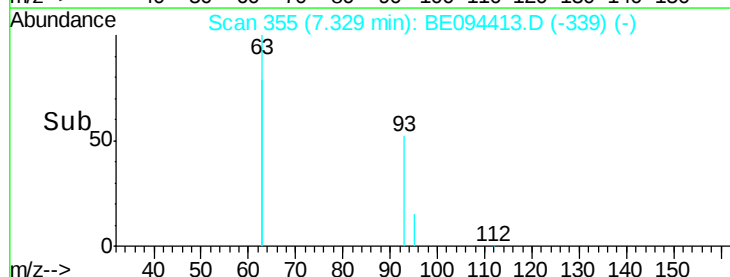
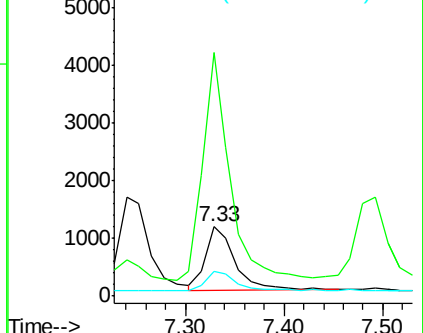
95 30.9 25.2 37.8

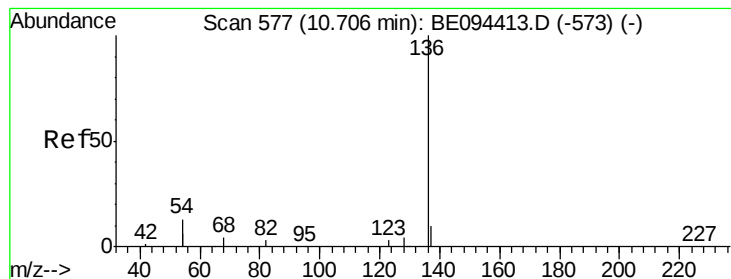


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 7433

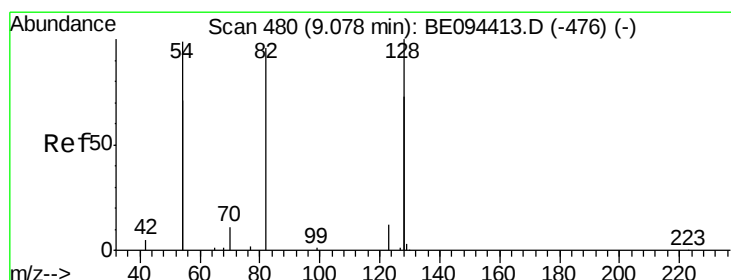
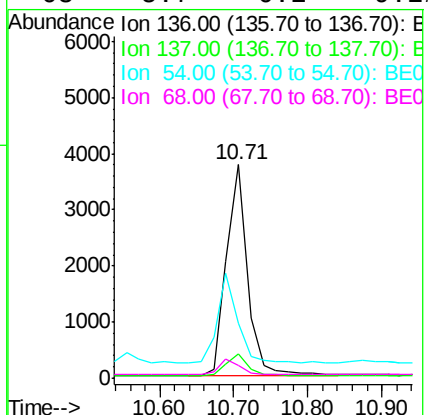
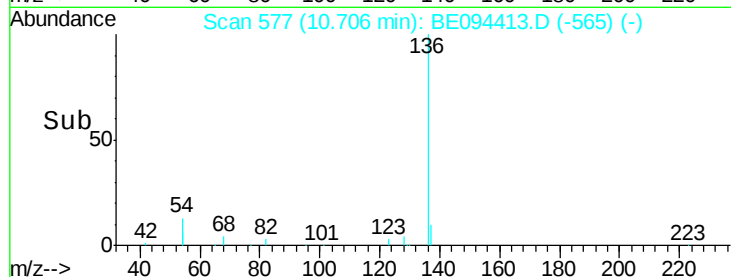
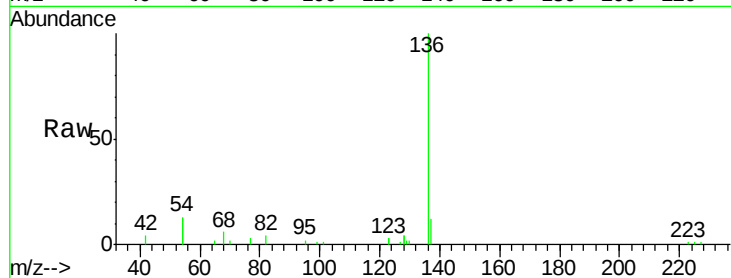
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 25.8 29.1 43.7#

68 5.7 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

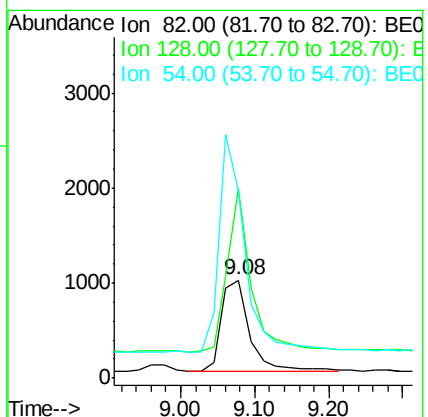
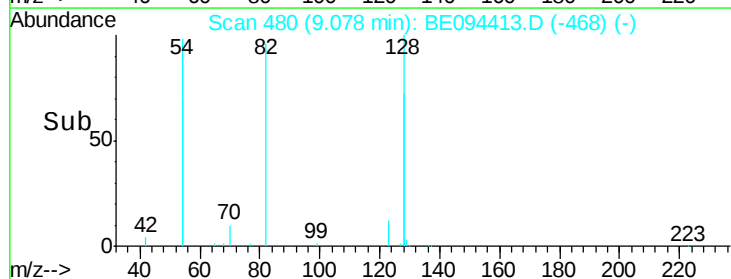
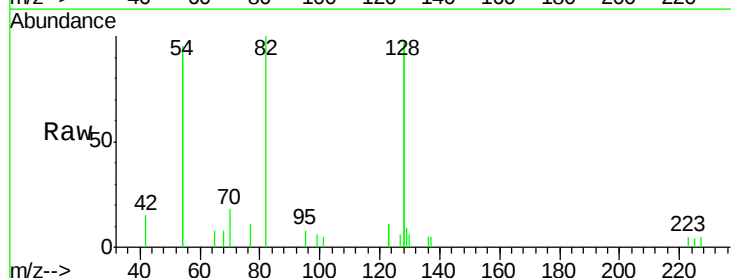
Tgt Ion: 82 Resp: 2565

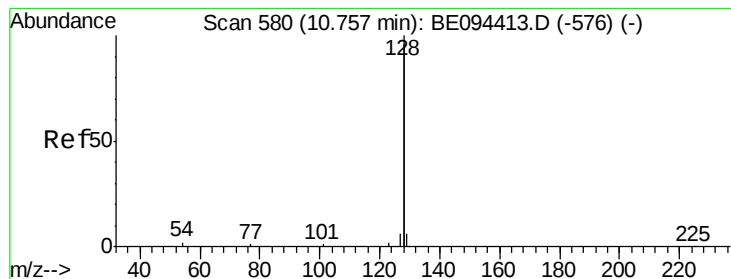
Ion Ratio Lower Upper

82 100

128 193.2 150.0 225.0

54 190.3 154.2 231.4





#9

Naphthalene

Concen: 0.398 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

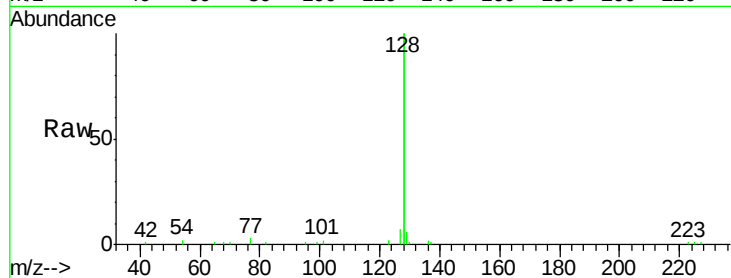
Tgt Ion:128 Resp: 33369

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

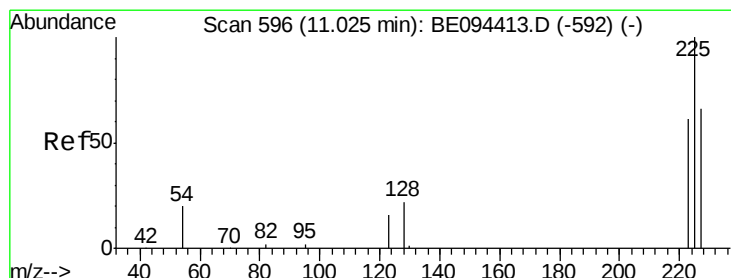
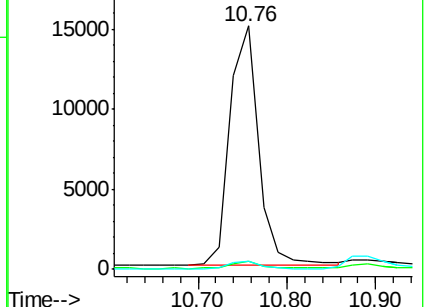
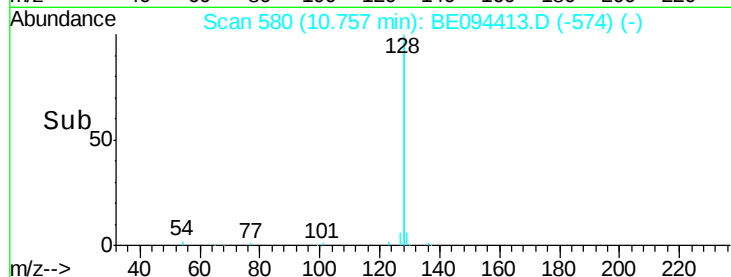
127 3.3 2.8 4.2



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: 0.420 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

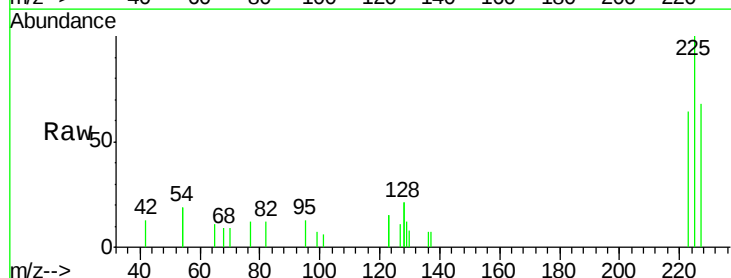
Tgt Ion:225 Resp: 1320

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

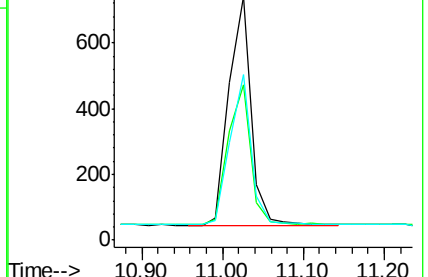
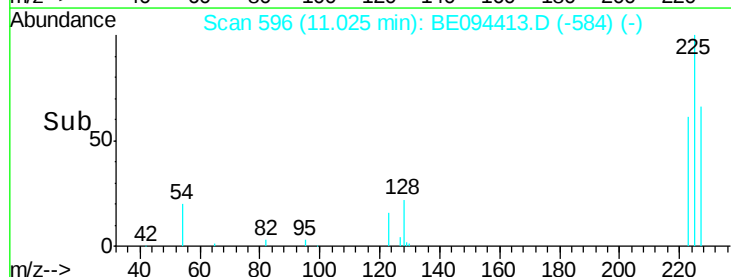
227 63.6 51.4 77.2



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: 0.401 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

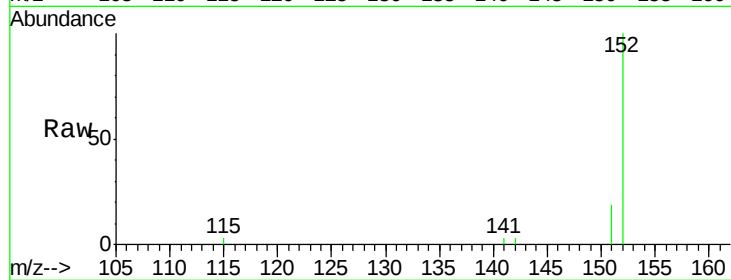
SSTDICCC0.4

Tgt Ion:152 Resp: 4595

Ion Ratio Lower Upper

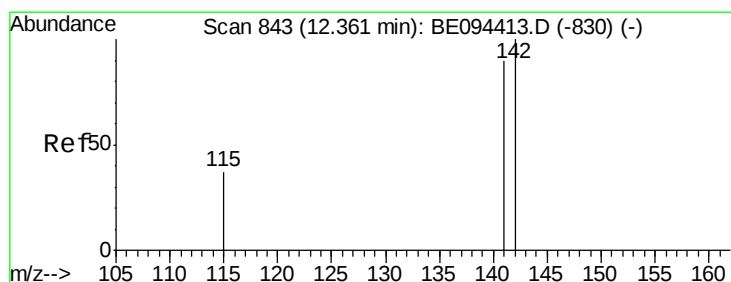
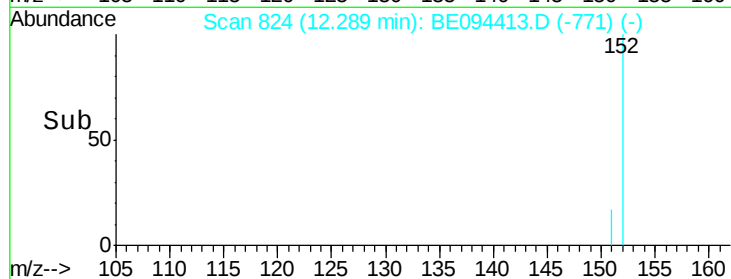
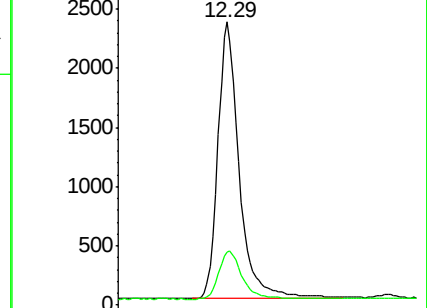
152 100

151 19.2 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: 0.398 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

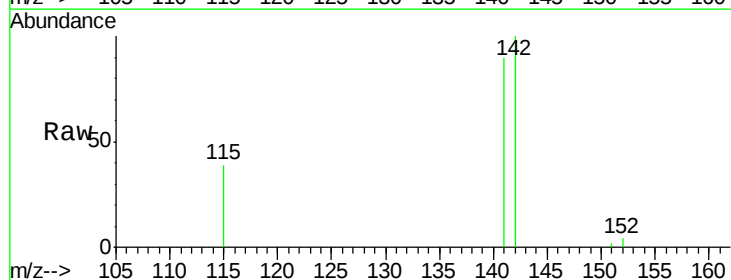
Tgt Ion:142 Resp: 5415

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6

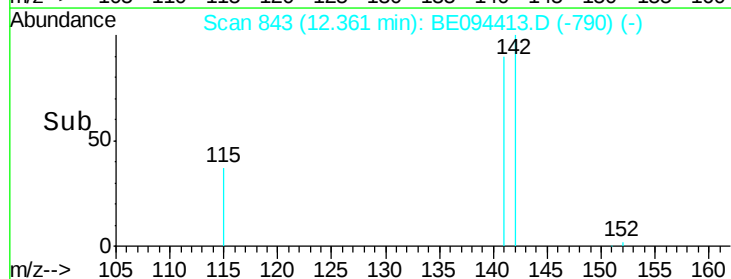
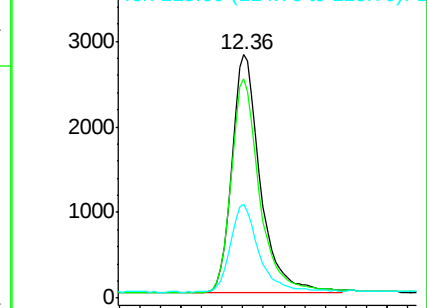
115 38.5 31.7 47.5

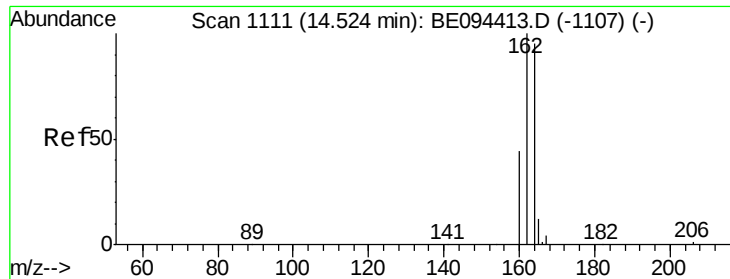


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

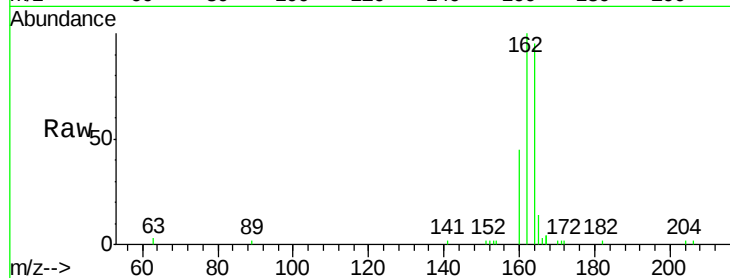
Tgt Ion:164 Resp: 4097

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

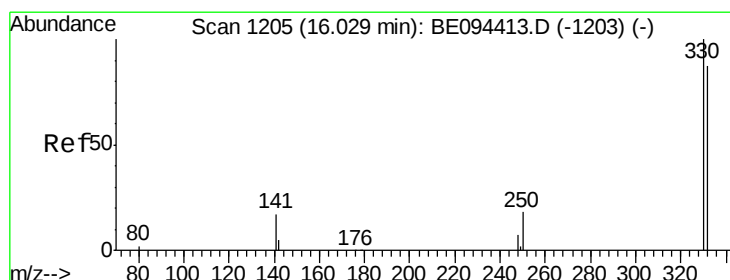
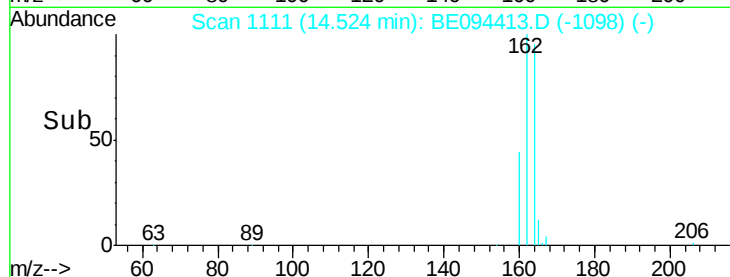
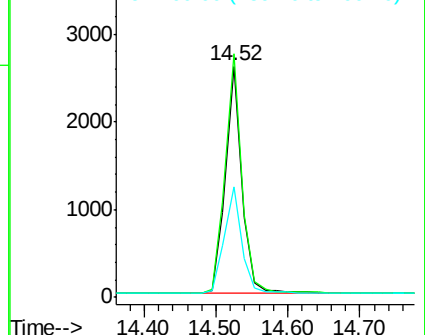
160 47.9 37.1 55.7



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: 0.253 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

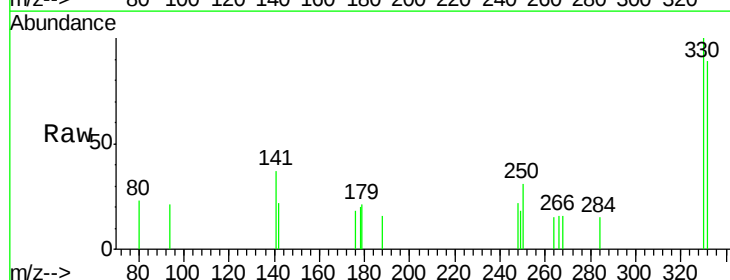
Tgt Ion:330 Resp: 665

Ion Ratio Lower Upper

330 100

332 92.6 152.7 229.1#

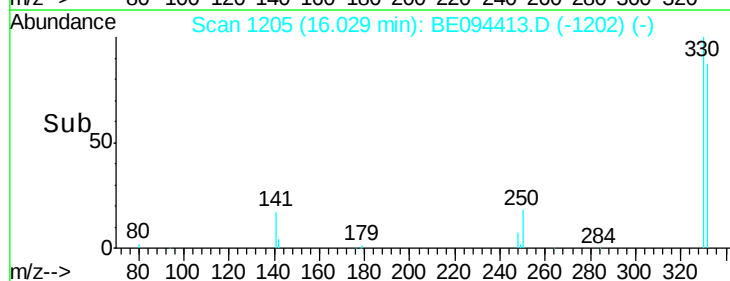
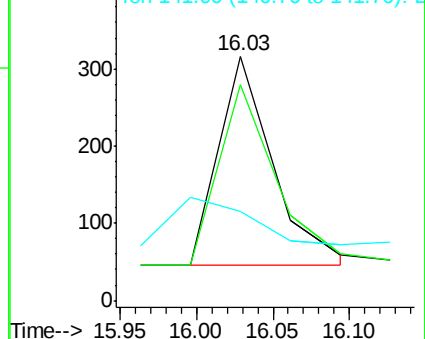
141 0.0 33.7 50.5#

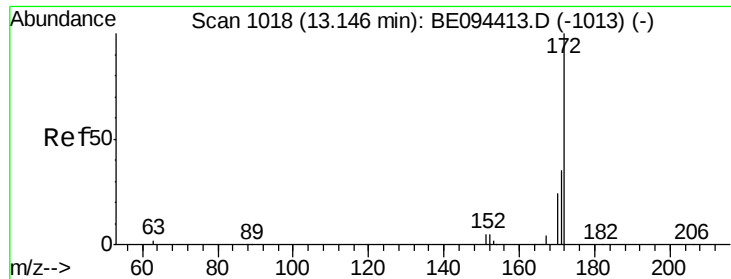


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

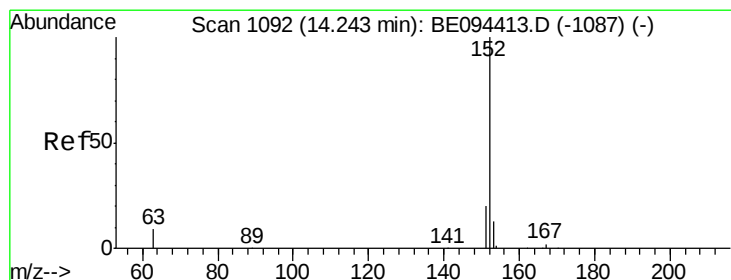
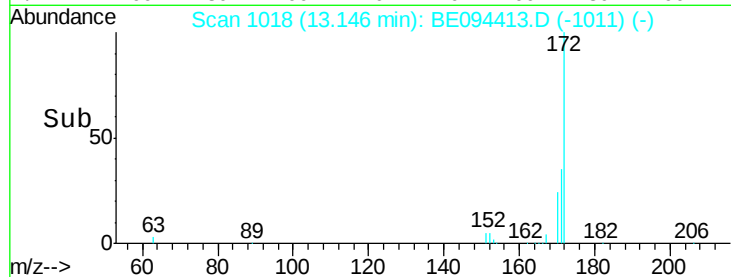
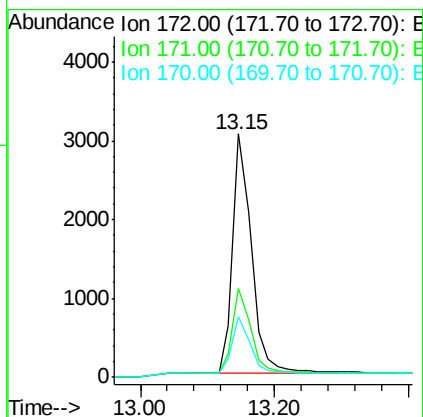
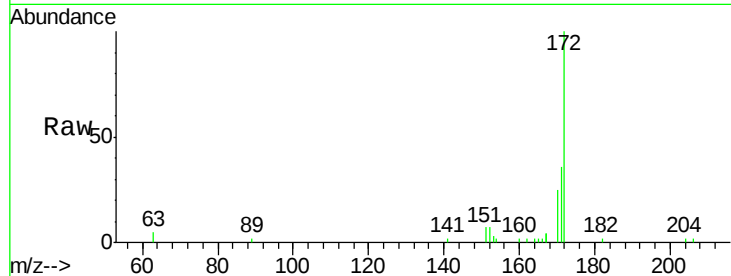




#15
 2-Fluorobiphenyl
 Concen: 0.443 ng
 RT: 13.15 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

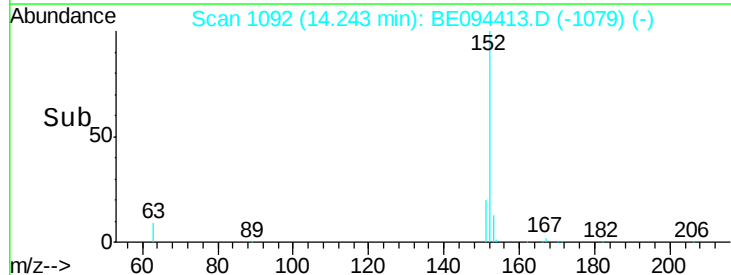
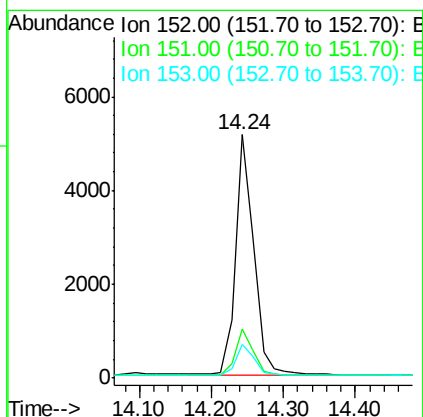
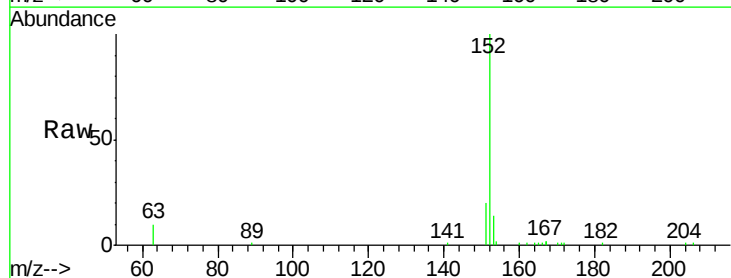
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

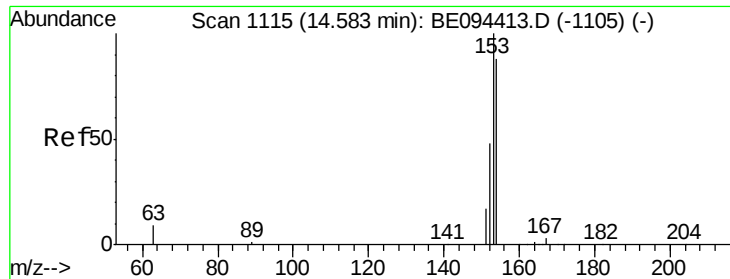
Tgt Ion:172 Resp: 6001
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 24.8 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.436 ng
 RT: 14.24 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

Tgt Ion:152 Resp: 8945
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.7 23.5
 153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.435 ng

RT: 14.58 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

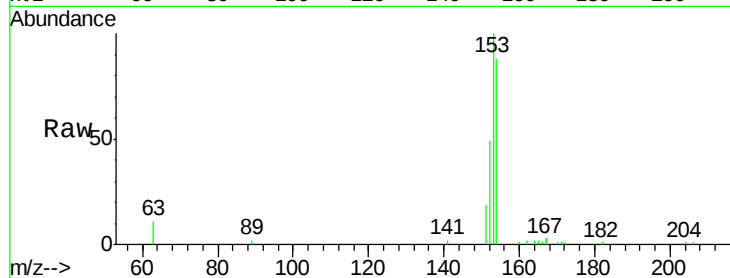
Tgt Ion:154 Resp: 5586

Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

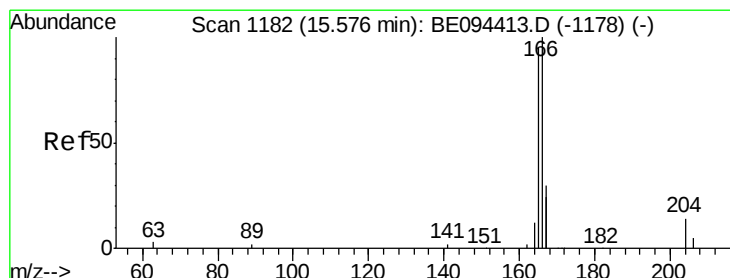
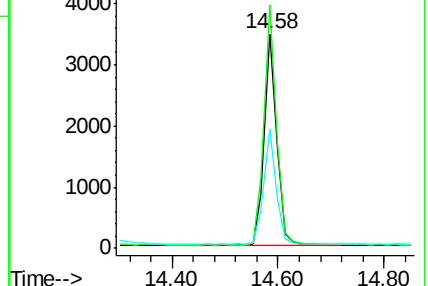
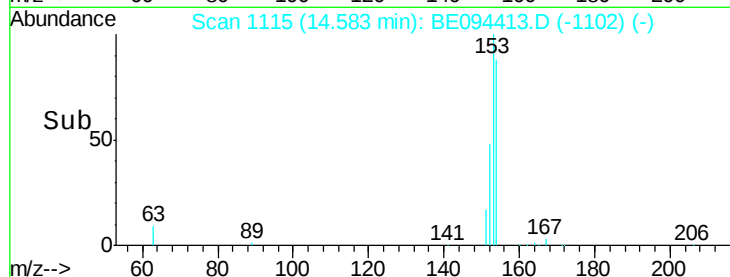
152 54.0 42.0 63.0



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



#18

Fluorene

Concen: 0.414 ng

RT: 15.58 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

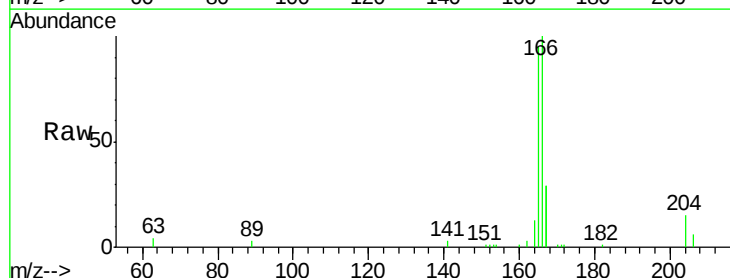
Tgt Ion:166 Resp: 7204

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

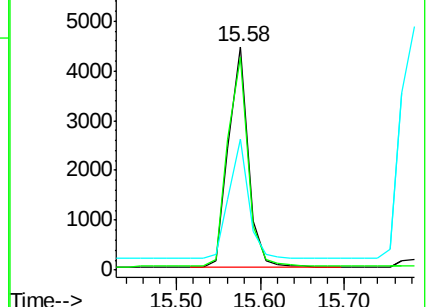
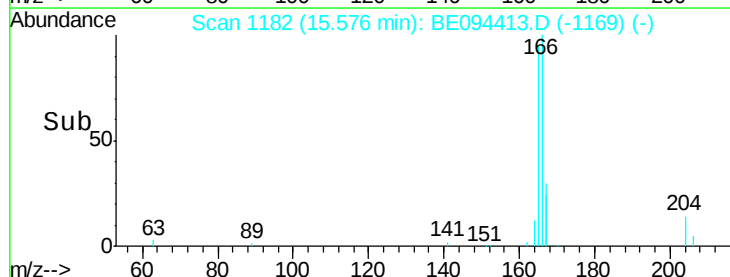
167 54.0 42.4 63.6

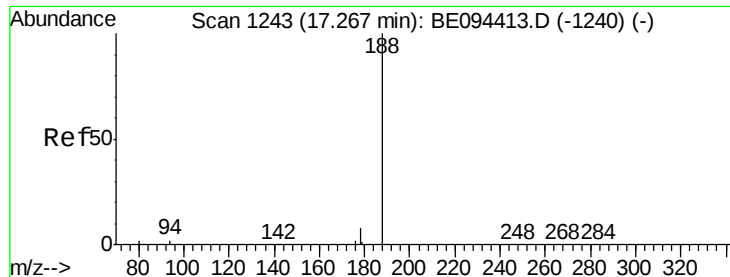


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

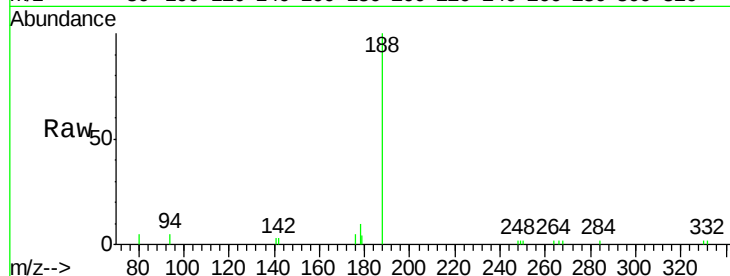
Tgt Ion:188 Resp: 7401

Ion Ratio Lower Upper

188 100

94 5.2 3.9 5.9

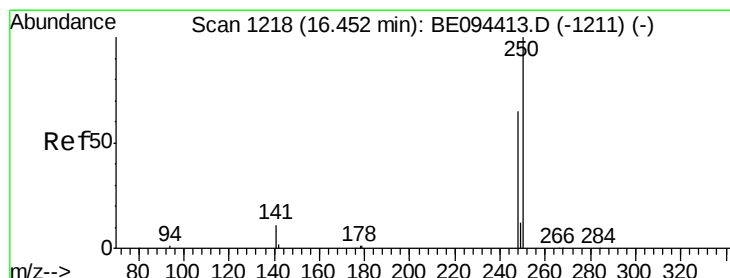
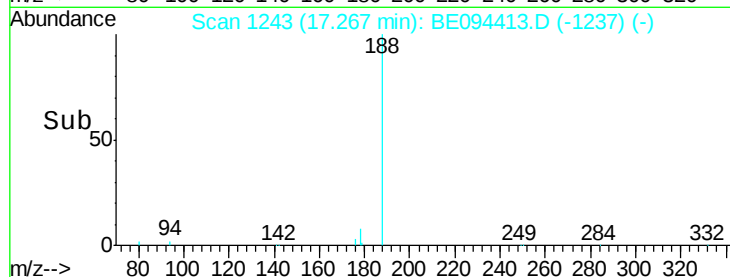
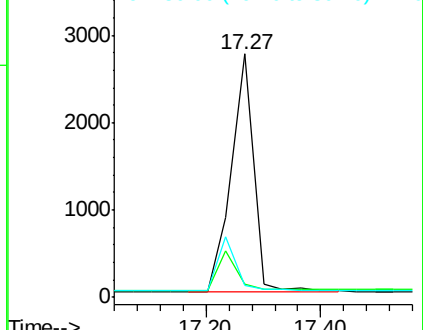
80 4.8 3.6 5.4



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: 0.438 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

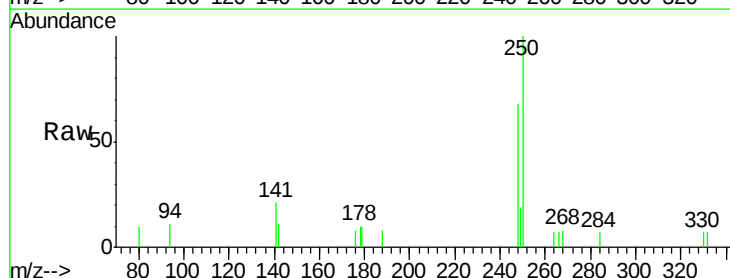
Tgt Ion:248 Resp: 1330

Ion Ratio Lower Upper

248 100

250 148.0 62.7 94.1#

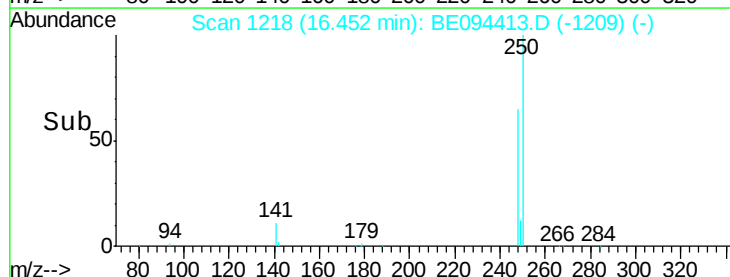
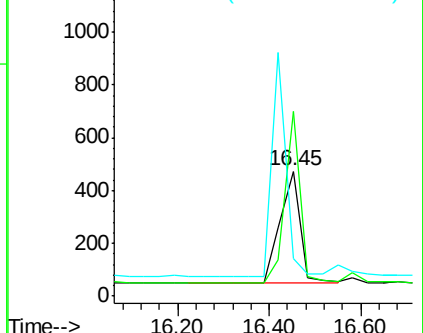
141 30.4 48.2 72.2#



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: 1.371 ng

RT: 16.58 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

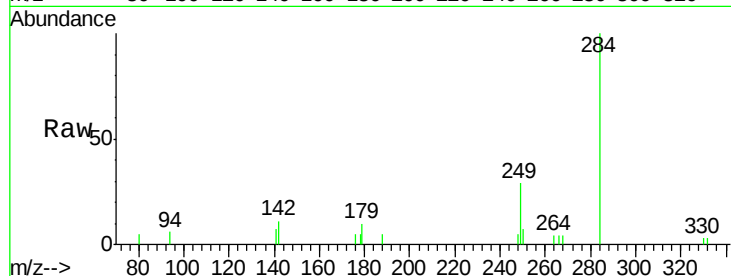
Tgt Ion:284 Resp: 2627

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

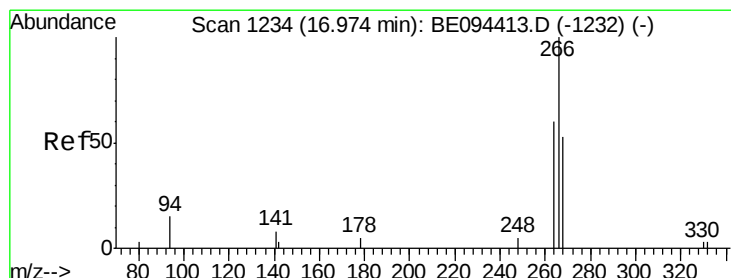
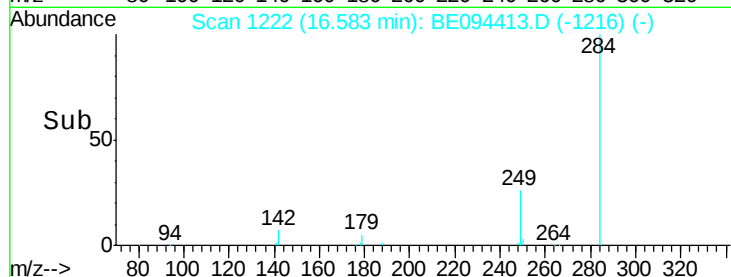
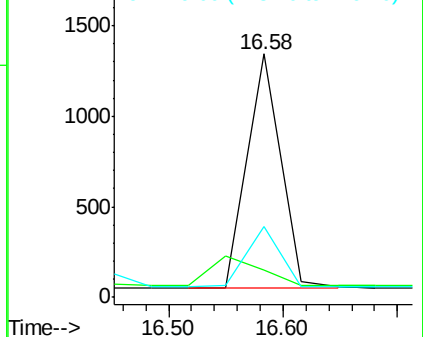
249 26.3 34.8 52.2#



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: 0.125 ng

RT: 16.97 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

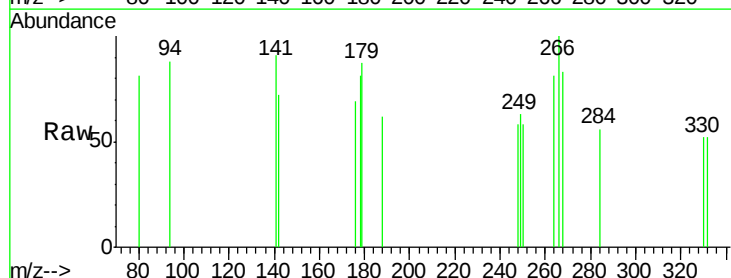
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

264 80.6 72.5 108.7

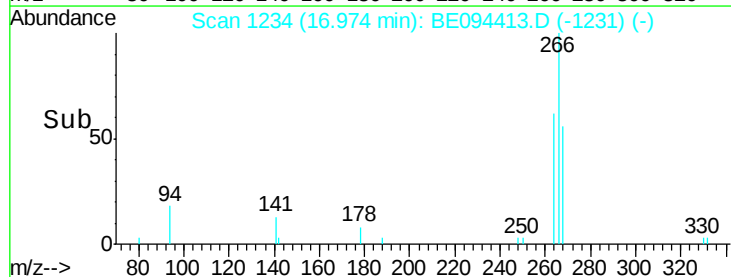
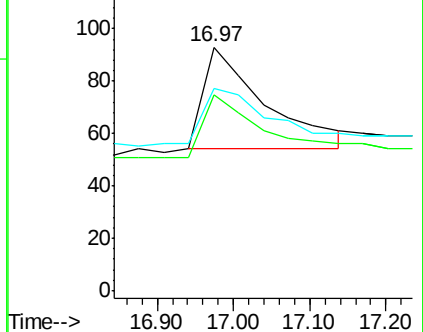
268 82.8 73.8 110.6

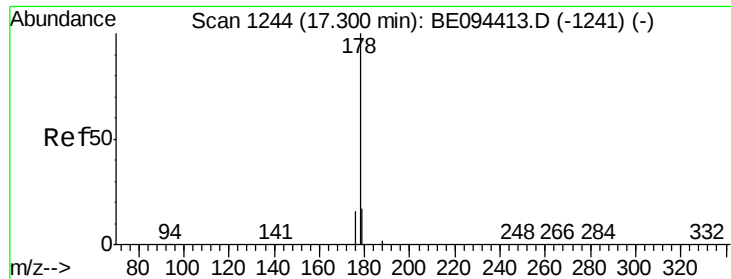


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.732 ng

RT: 17.30 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

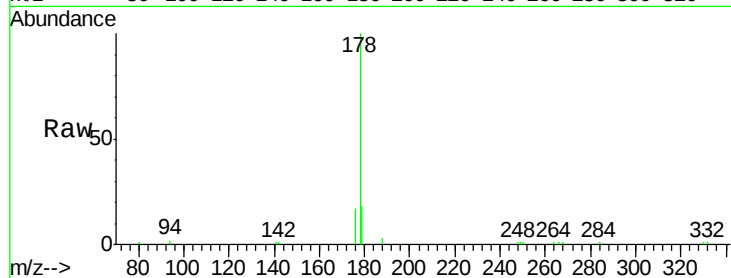
Tgt Ion:178 Resp: 13868

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

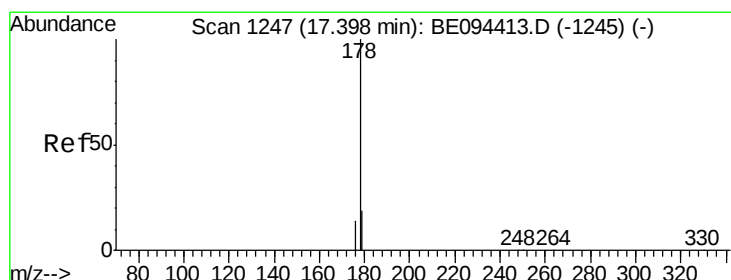
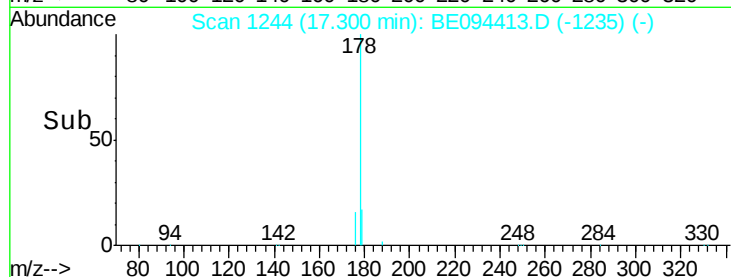
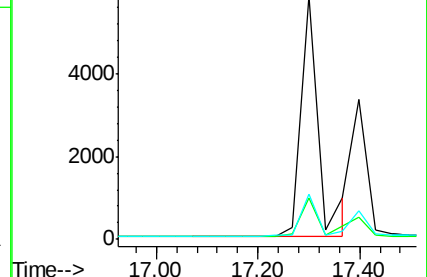
179 16.8 11.8 17.6



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: 0.697 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.10 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

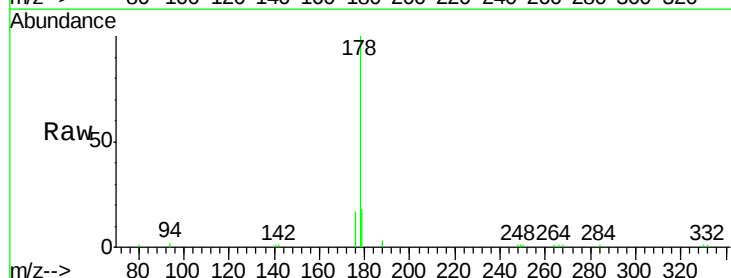
Tgt Ion:178 Resp: 13839

Ion Ratio Lower Upper

178 100

176 17.9 12.8 19.2

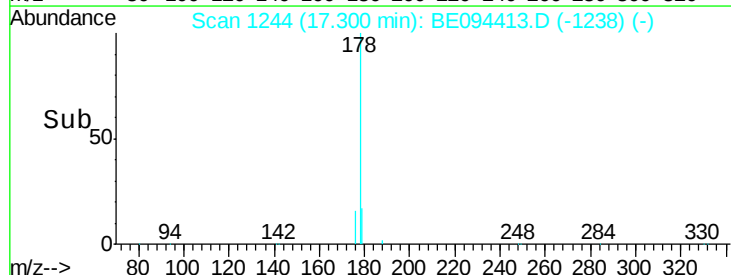
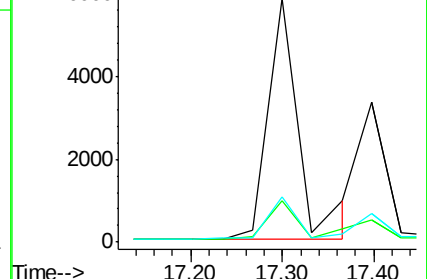
179 16.5 13.0 19.6

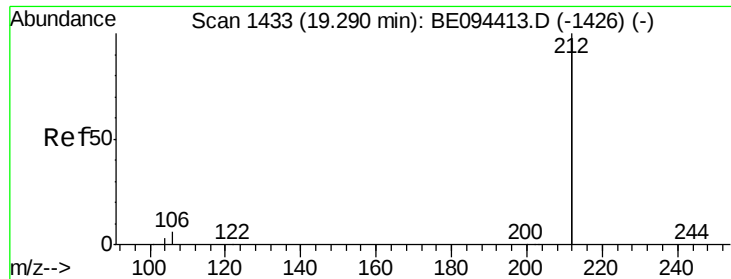


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.640 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

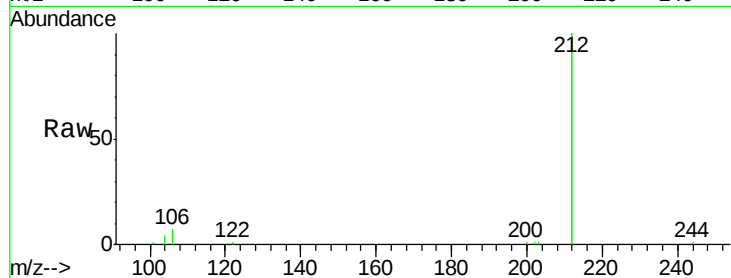
Tgt Ion:212 Resp: 45842

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

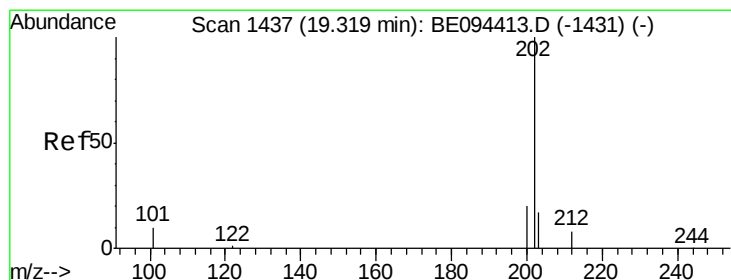
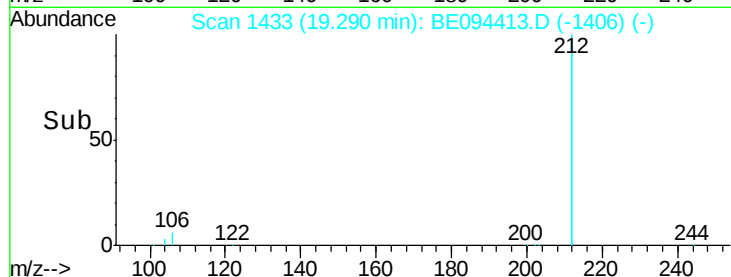
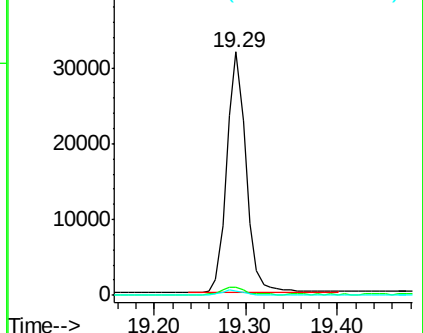
104 1.9 1.6 2.4



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: 0.649 ng

RT: 19.32 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

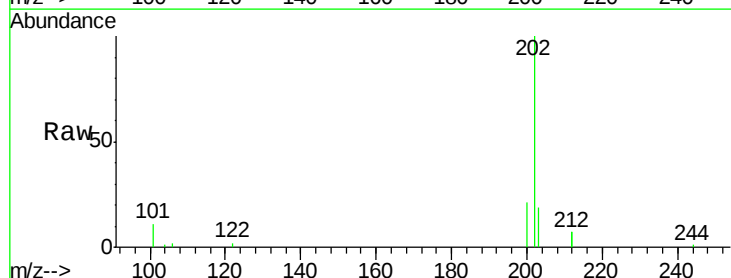
Tgt Ion:202 Resp: 13775

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

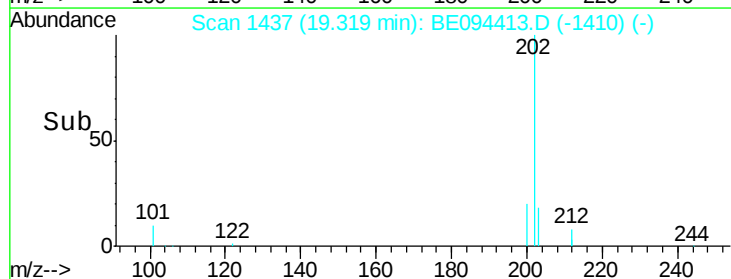
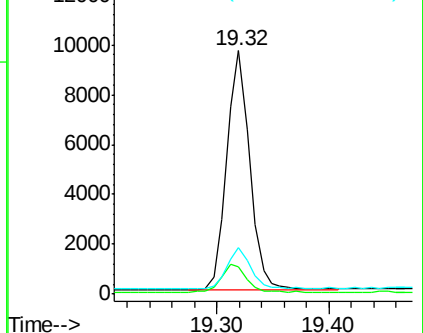
203 17.7 13.7 20.5



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: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

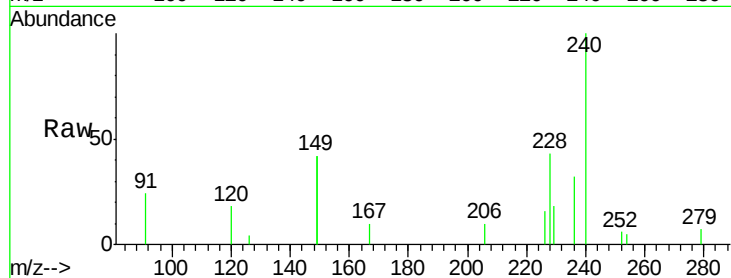
Tgt Ion:240 Resp: 9745

Ion Ratio Lower Upper

240 100

120 17.9 5.5 8.3#

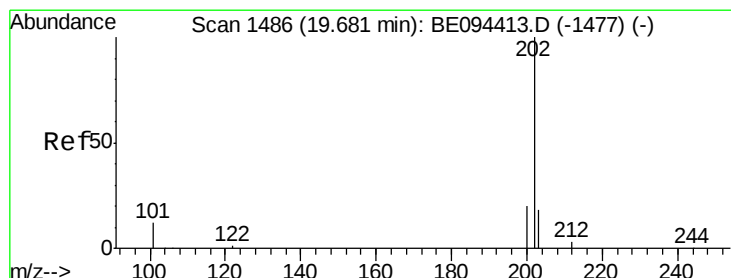
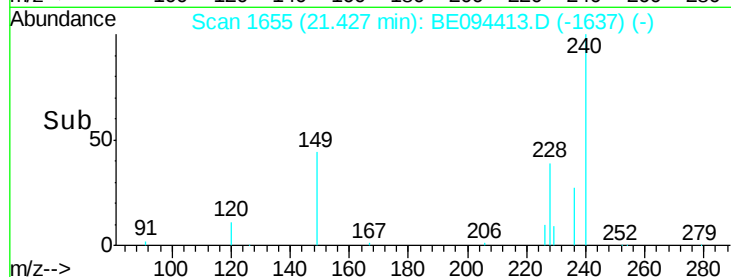
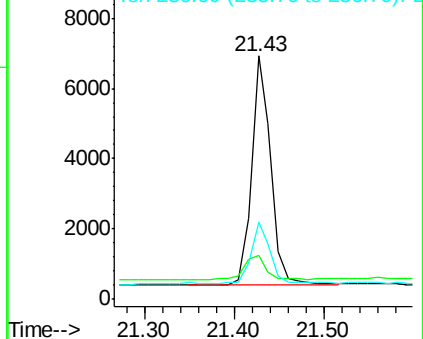
236 31.9 20.7 31.1#



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: 0.471 ng

RT: 19.68 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

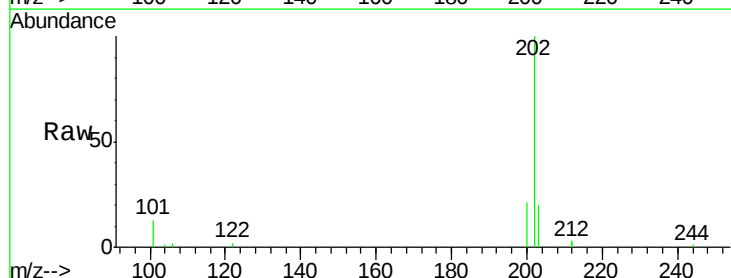
Tgt Ion:202 Resp: 14555

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

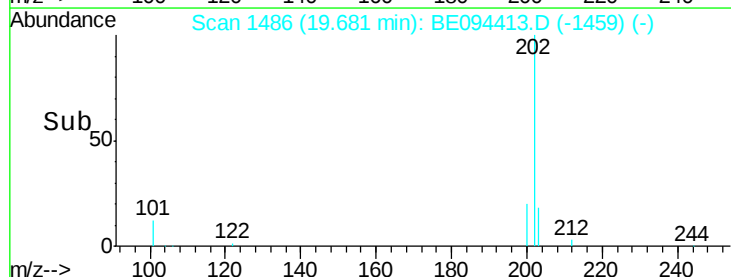
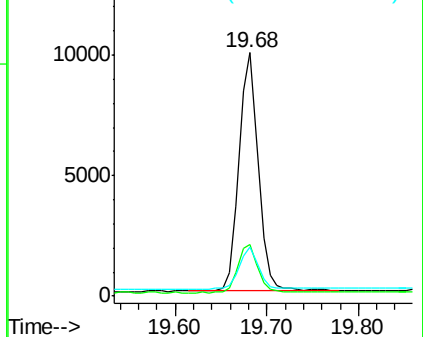
203 18.5 13.8 20.8

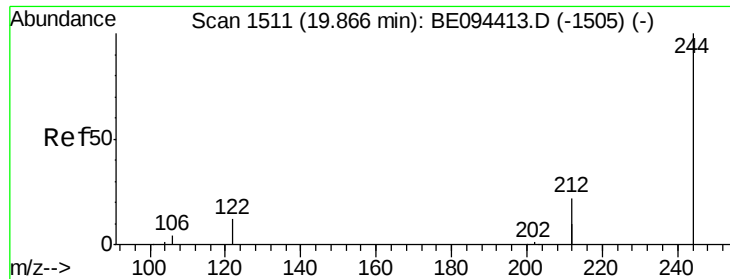


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 19.87 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

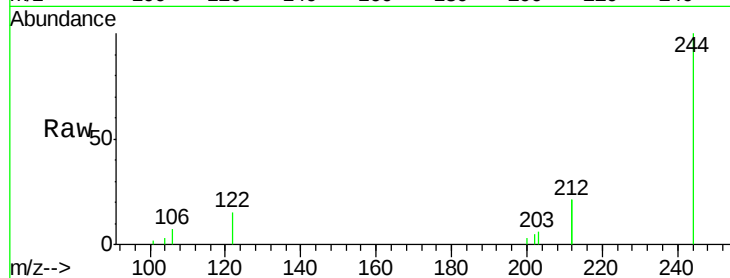
Tgt Ion:244 Resp: 7922

Ion Ratio Lower Upper

244 100

212 42.4 25.4 38.0#

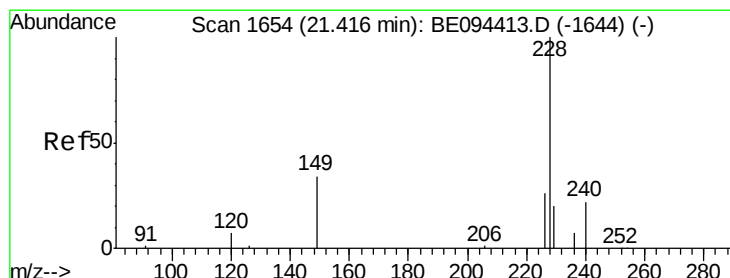
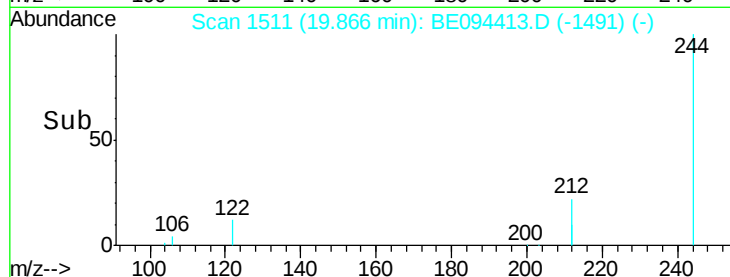
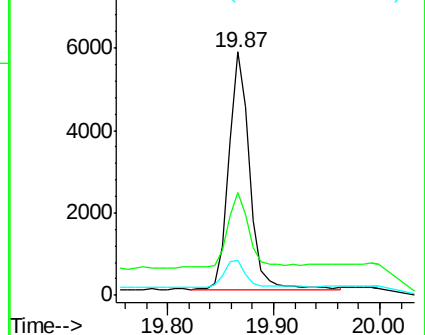
122 14.6 8.1 12.1#



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: 0.407 ng

RT: 21.42 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

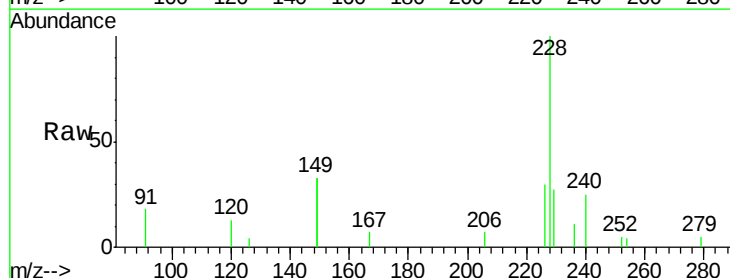
Tgt Ion:228 Resp: 13351

Ion Ratio Lower Upper

228 100

226 29.8 40.0 60.0#

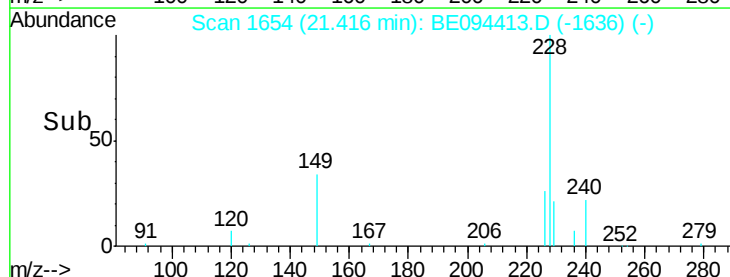
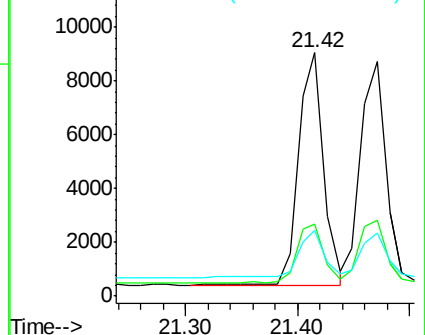
229 27.1 40.0 60.0#

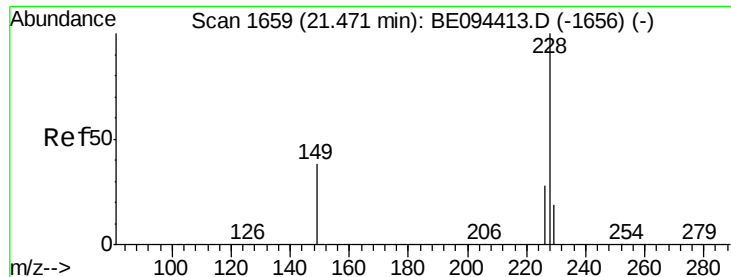


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.47 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

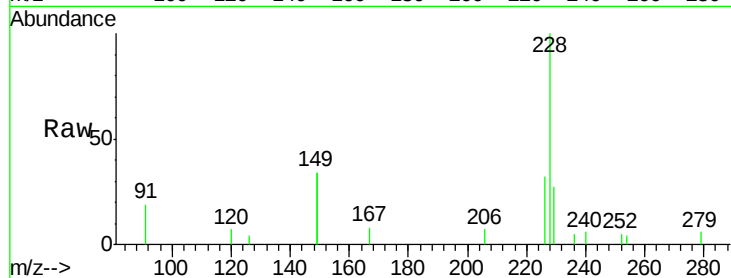
Tgt Ion:228 Resp: 13204

Ion Ratio Lower Upper

228 100

226 32.3 40.0 60.0#

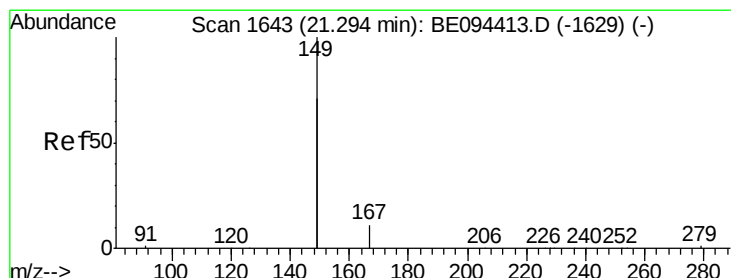
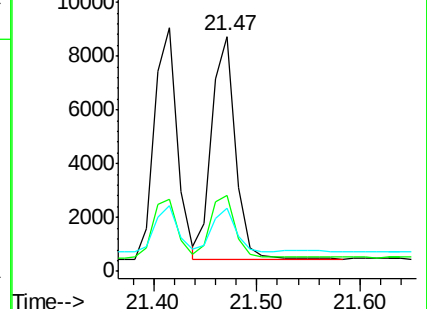
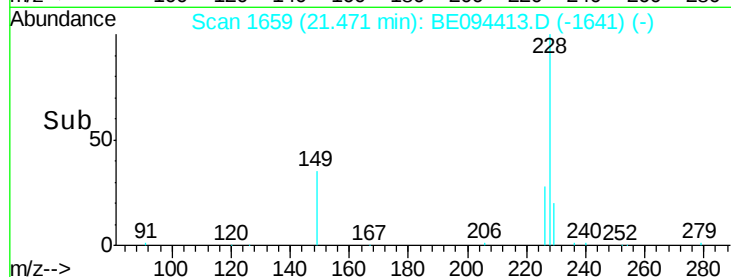
229 26.8 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.238 ng

RT: 21.29 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

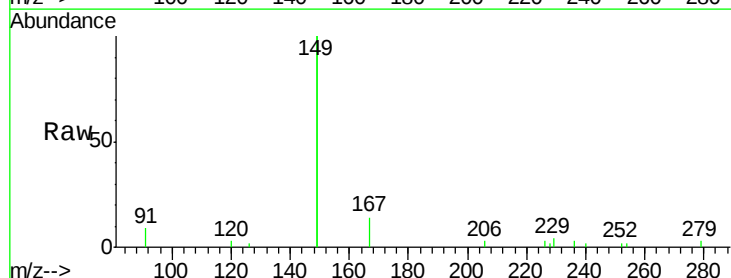
Tgt Ion:149 Resp: 37342

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

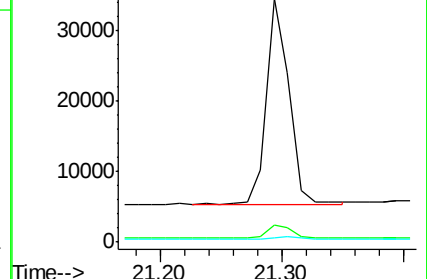
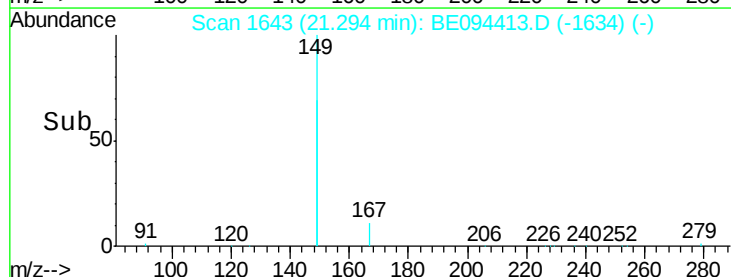
279 1.0 0.7 1.1



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

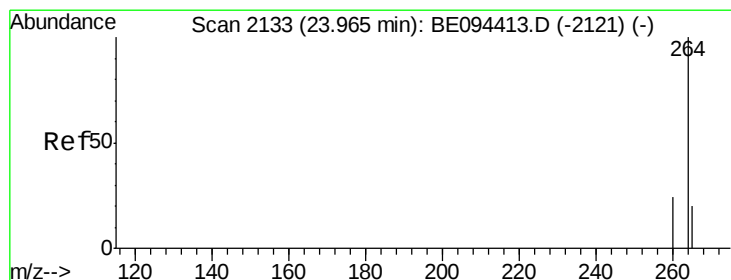
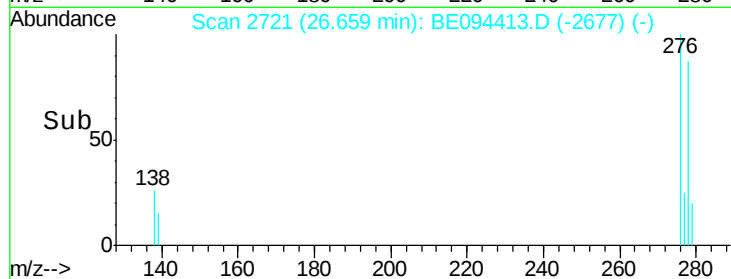
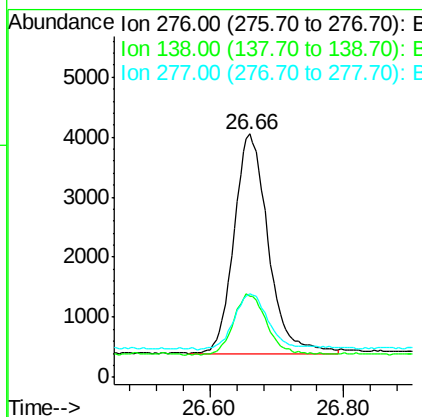
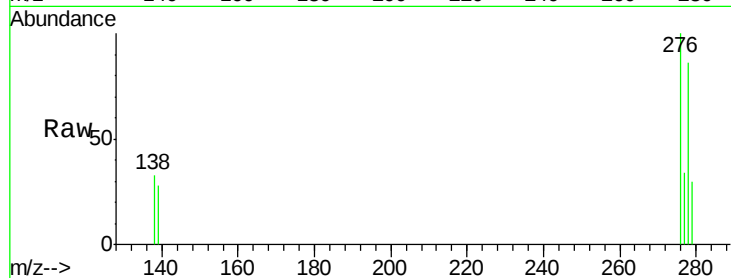




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng
 RT: 26.66 min Scan# 2721
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

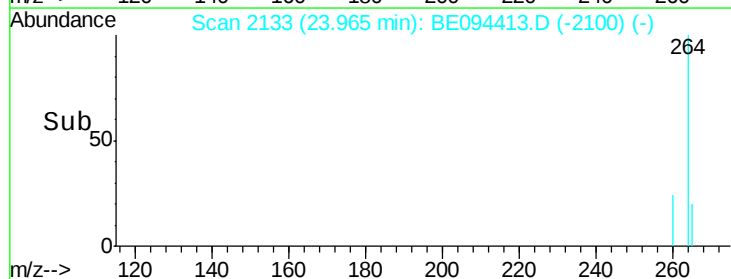
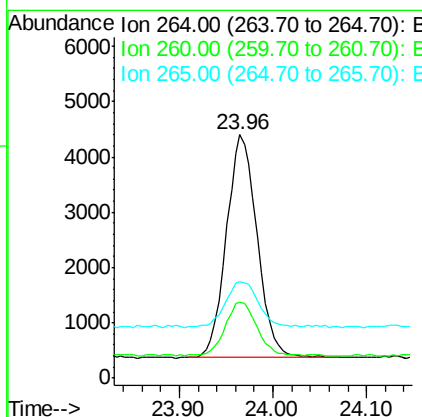
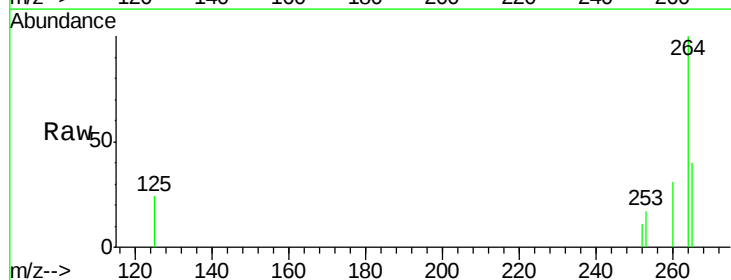
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

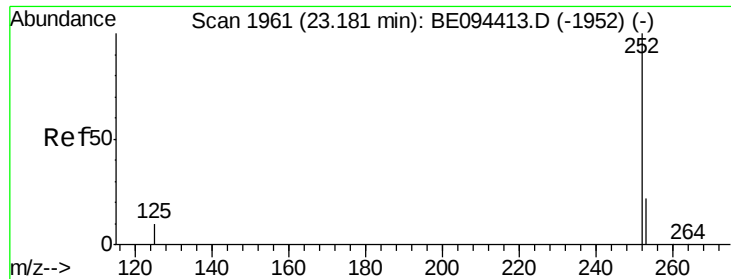
Tgt Ion: 276 Resp: 12987
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.5 33.7
 277 25.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BE094413.D
 Acq: 16 Oct 2017 12:24

Tgt Ion: 264 Resp: 9186
 Ion Ratio Lower Upper
 264 100
 260 31.4 20.5 30.7#
 265 39.6 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 23.18 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

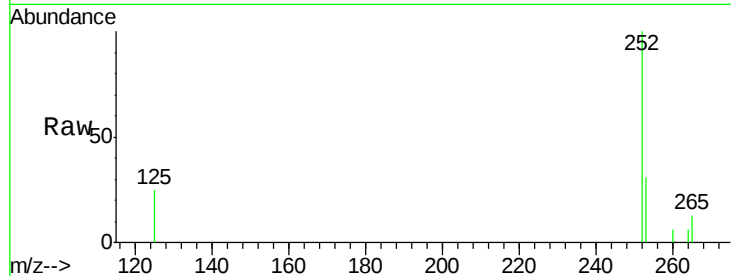
Tgt Ion:252 Resp: 12505

Ion Ratio Lower Upper

252 100

253 31.3 48.0 72.0#

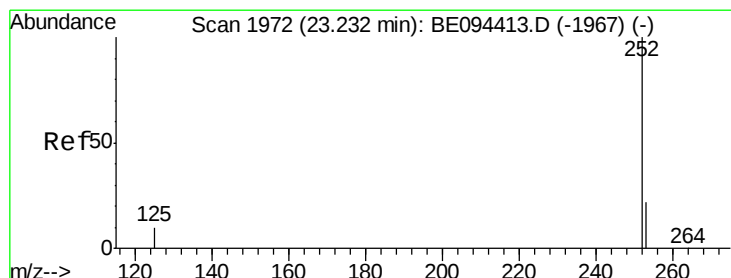
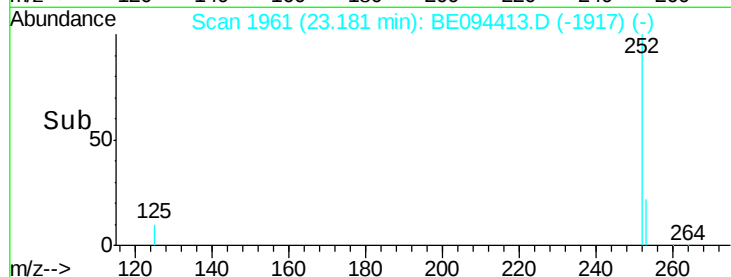
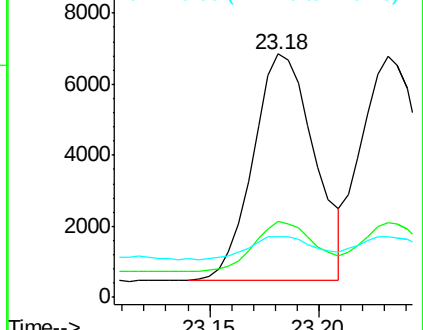
125 25.0 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.393 ng

RT: 23.23 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

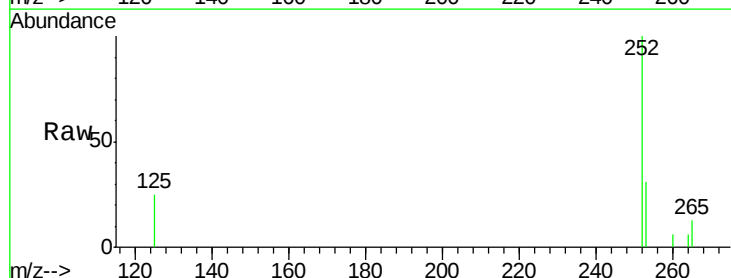
Tgt Ion:252 Resp: 12463

Ion Ratio Lower Upper

252 100

253 30.8 48.0 72.0#

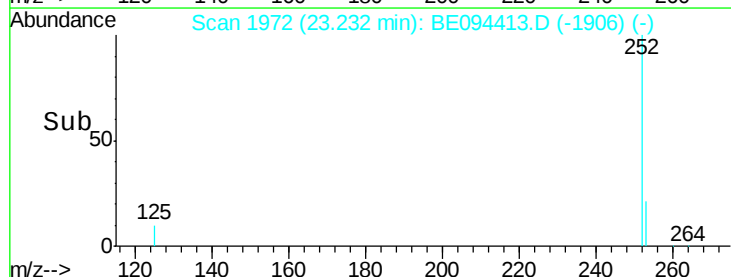
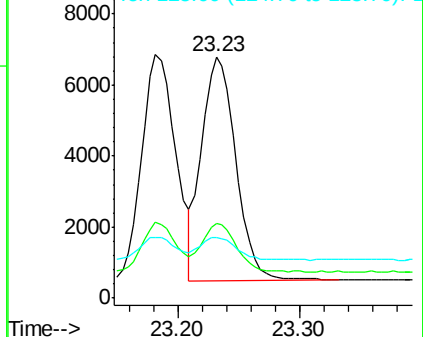
125 25.3 56.0 84.0#

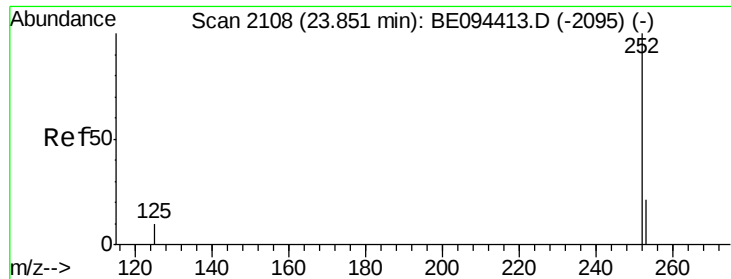


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.85 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

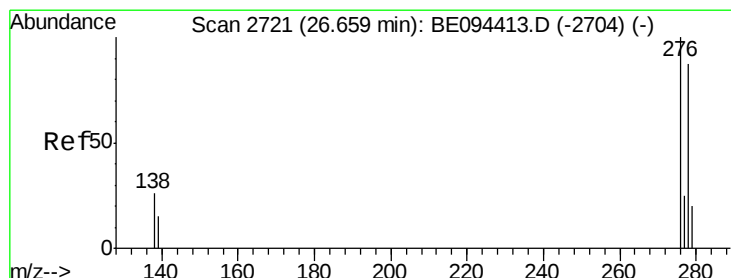
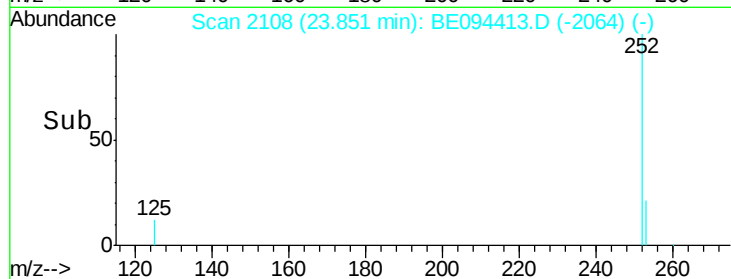
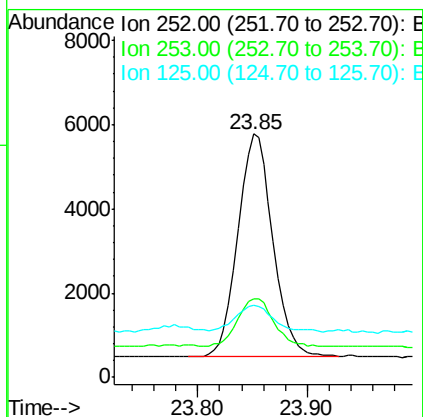
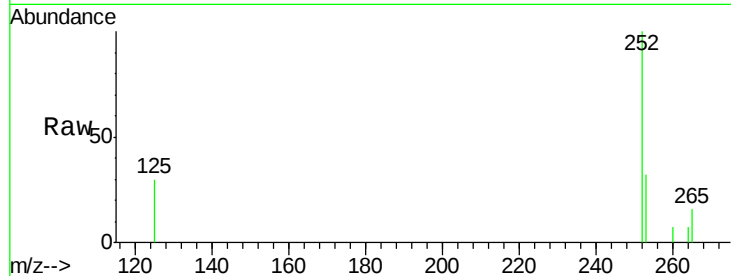
Tgt Ion:252 Resp: 11758

Ion Ratio Lower Upper

252 100

253 32.3 52.0 78.0#

125 29.6 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.396 ng

RT: 26.66 min Scan# 2721

Delta R.T. 0.00 min

Lab File: BE094413.D

Acq: 16 Oct 2017 12:24

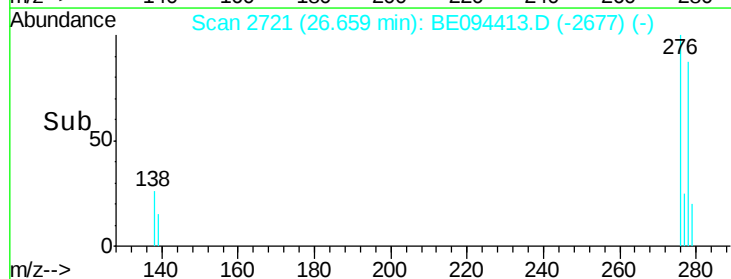
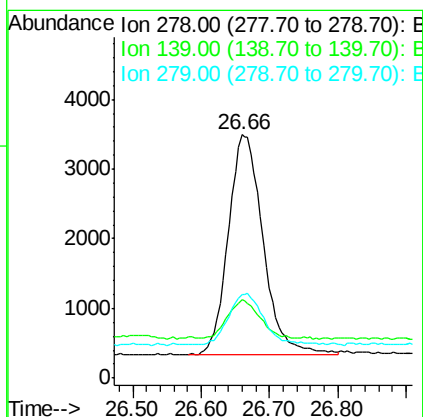
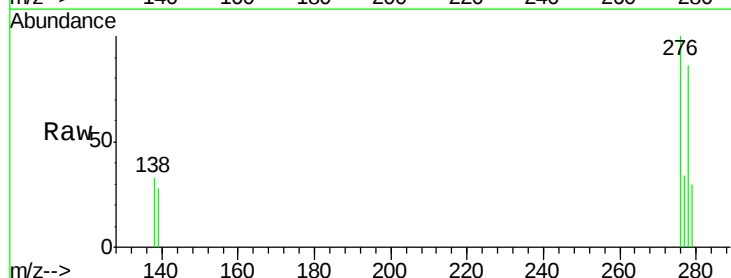
Tgt Ion:278 Resp: 11229

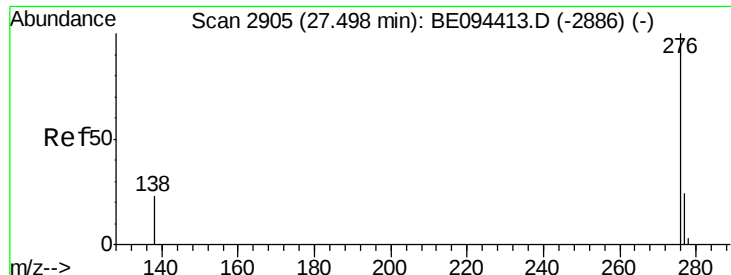
Ion Ratio Lower Upper

278 100

139 32.2 56.0 84.0#

279 34.4 52.0 78.0#





#39

Benzo(g,h,i)perylene

Concen: 0.384 ng

RT: 27.50 min Scan# 2905

Delta R.T. 0.00 min

Lab File: BE094413.D

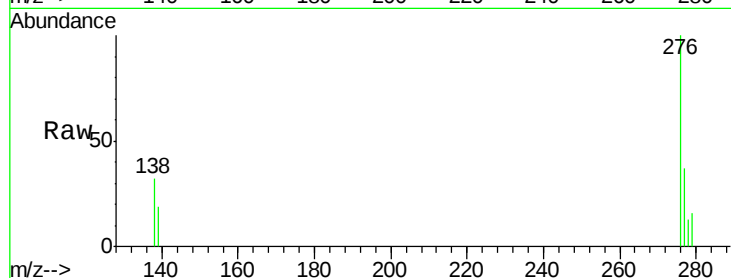
Acq: 16 Oct 2017 12:24

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



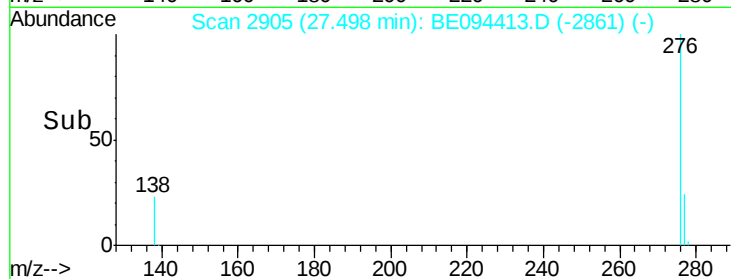
Tgt Ion: 276 Resp: 10787

Ion Ratio Lower Upper

276 100

277 36.6 52.0 78.0#

138 32.2 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

