

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
 Data File : BE094495.D
 Acq On : 23 Oct 2017 14:52
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 23 17:30:53 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 17:28:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1128	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	6115	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	3821	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7852	0.40	ng	0.03
27) Chrysene-d12	21.43	240	9241	0.40	ng	0.00
34) Perylene-d12	23.95	264	8720	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	370	0.10	ng	0.00
5) Phenol-d6	7.02	99	2	0.00	ng	-0.11
8) Nitrobenzene-d5	9.13	82	422	0.08	ng	0.05
11) 2-Methylnaphthalene-d10	12.32	152	1027	0.11	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	90	0.06	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	1350	0.10	ng	0.03
25) Fluoranthene-d10	19.29	212	10308	0.08	ng	0.00
29) Terphenyl-d14	19.87	244	1745	0.09	ng	0.00

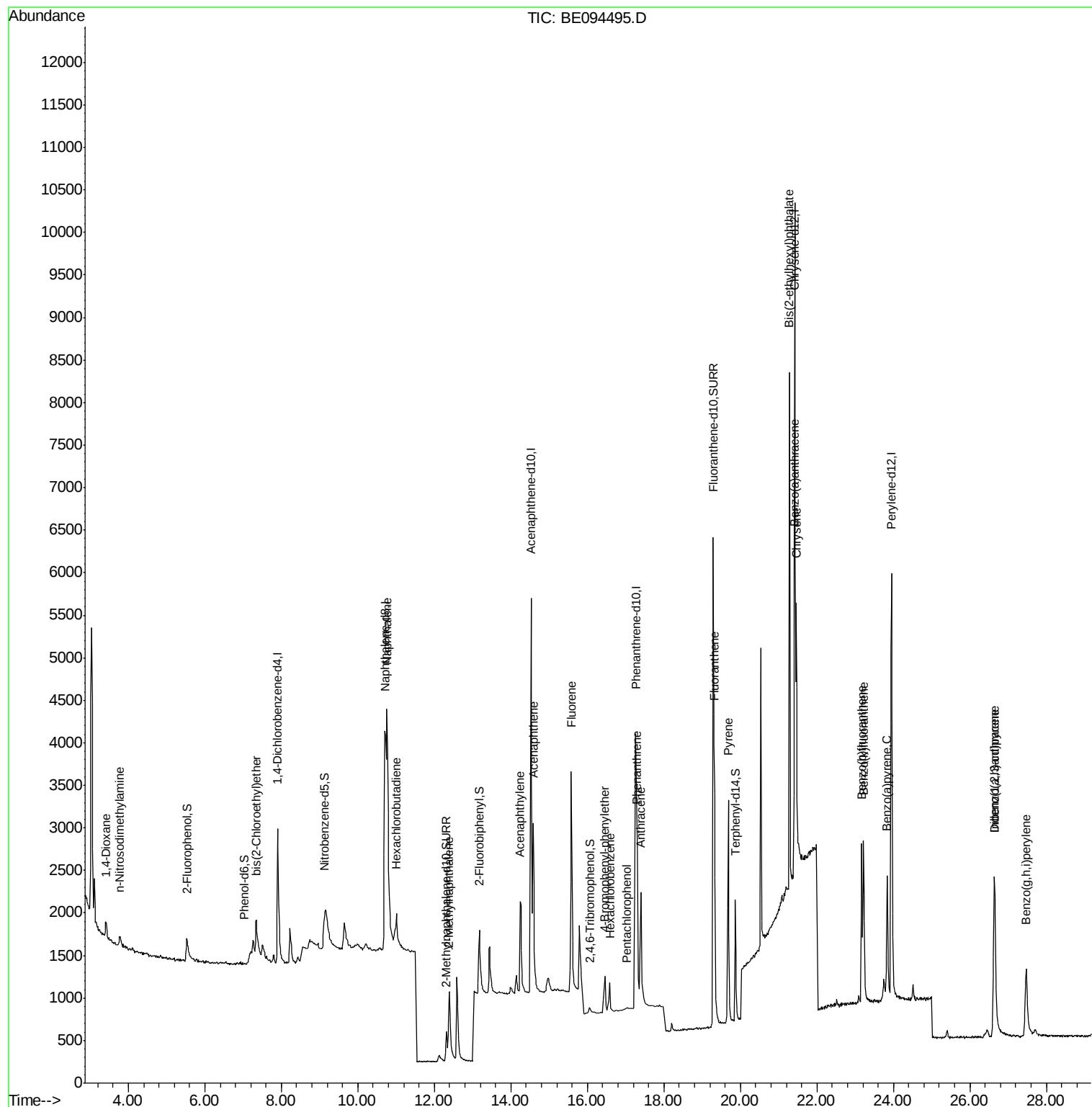
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	256	0.130	ng	91
3) n-Nitrosodimethylamine	3.76	42	181	0.092	ng	# 87
6) bis(2-Chloroethyl)ether	7.35	93	465	0.106	ng	# 57
9) Naphthalene	10.76	128	7223	0.106	ng	# 94
10) Hexachlorobutadiene	11.01	225	264	0.097	ng	100
12) 2-Methylnaphthalene	12.39	142	1206	0.107	ng	97
16) Acenaphthylene	14.24	152	2014	0.097	ng	99
17) Acenaphthene	14.58	154	1340	0.103	ng	99
18) Fluorene	15.58	166	1672	0.099	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	422	0.107	ng	# 77
21) Hexachlorobenzene	16.58	284	542	0.076	ng	# 60
22) Pentachlorophenol	17.04	266	23	0.037	ng	97
23) Phenanthrene	17.30	178	2801	0.091	ng	98
24) Anthracene	17.40	178	2478	0.104	ng	97
26) Fluoranthene	19.32	202	3115	0.081	ng	99
28) Pyrene	19.68	202	3298	0.095	ng	99
30) Benzo(a)anthracene	21.40	228	3043	0.095	ng	# 66
31) Chrysene	21.46	228	3195	0.104	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.28	149	9010	0.098	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	2833	0.091	ng	100
35) Benzo(b)fluoranthene	23.17	252	2845	0.096	ng	# 50
36) Benzo(k)fluoranthene	23.22	252	3106	0.107	ng	# 50
37) Benzo(a)pyrene	23.84	252	2714	0.098	ng	# 46
38) Dibenzo(a,h)anthracene	26.64	278	2491	0.095	ng	# 59
39) Benzo(g,h,i)perylene	27.47	276	2360	0.093	ng	# 67

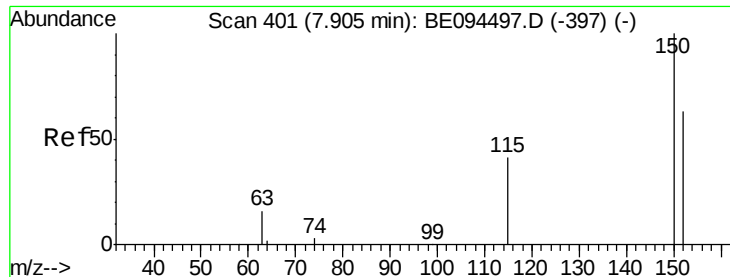
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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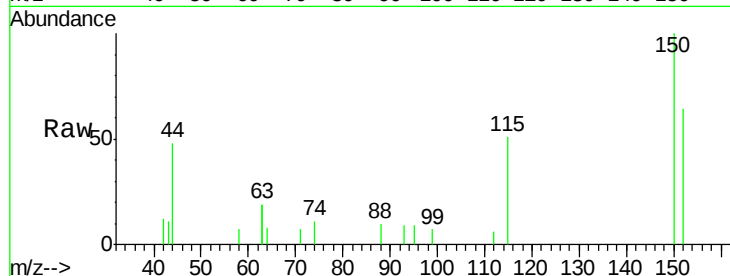


#1

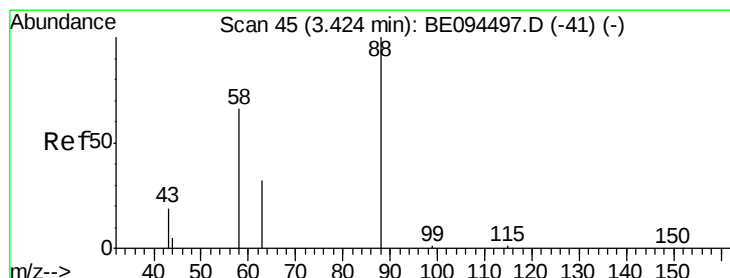
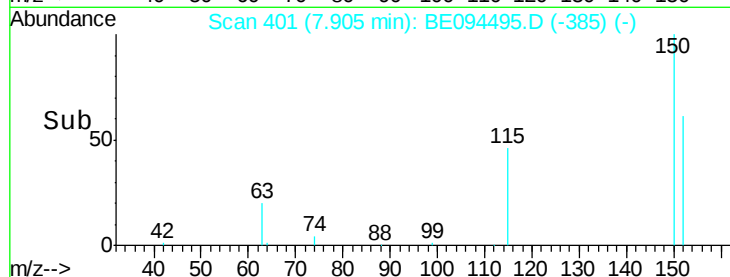
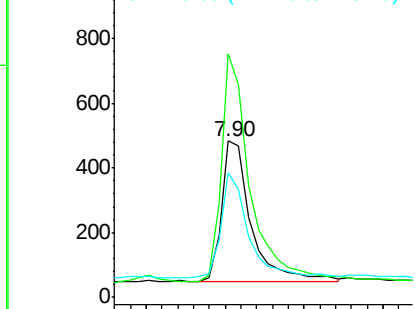
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094495.D
Acq: 23 Oct 2017 14:52

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 152 Resp: 1128
Ion Ratio Lower Upper
152 100
150 156.2 117.2 175.8
115 79.7 57.0 85.6



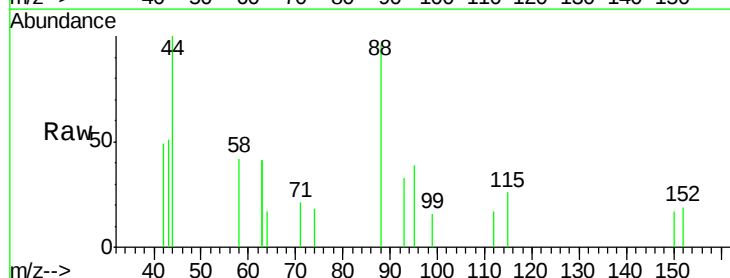
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



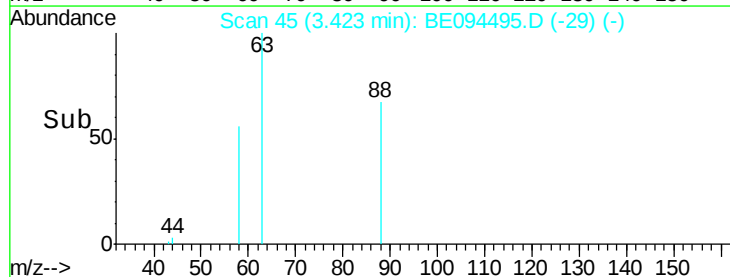
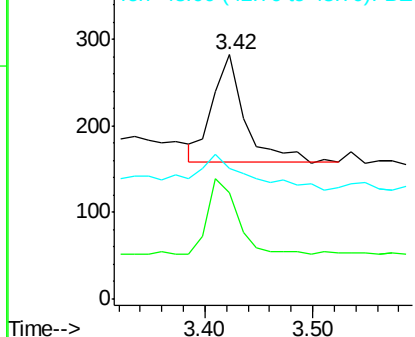
#2

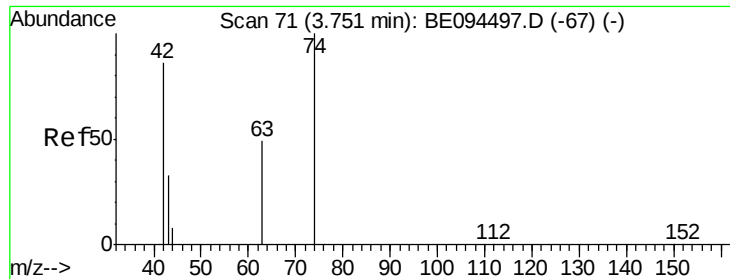
1,4-Dioxane
Concen: 0.130 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094495.D
Acq: 23 Oct 2017 14:52

Tgt Ion: 88 Resp: 256
Ion Ratio Lower Upper
88 100
58 68.0 63.2 94.8
43 54.3 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: 0.092 ng

RT: 3.76 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

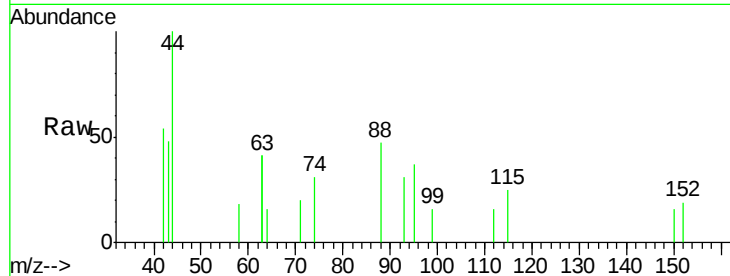
Tgt Ion: 42 Resp: 181

Ion Ratio Lower Upper

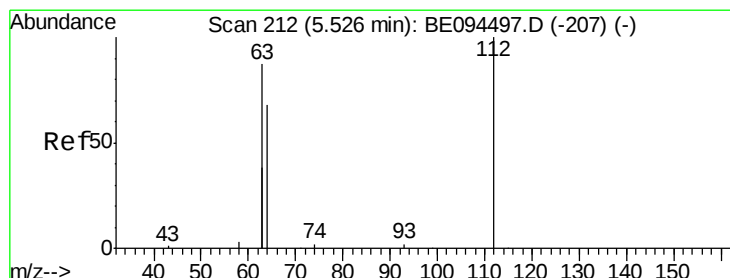
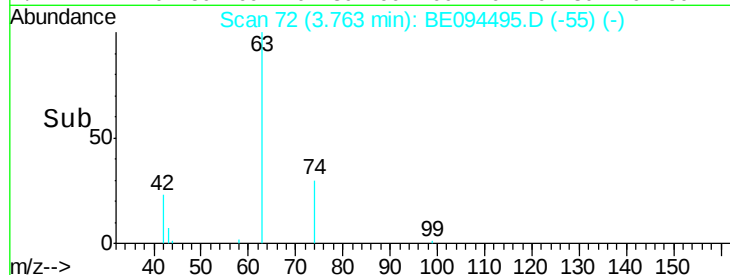
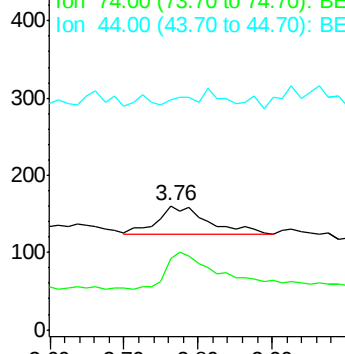
42 100

74 117.1 100.3 150.5

44 0.0 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: 0.097 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

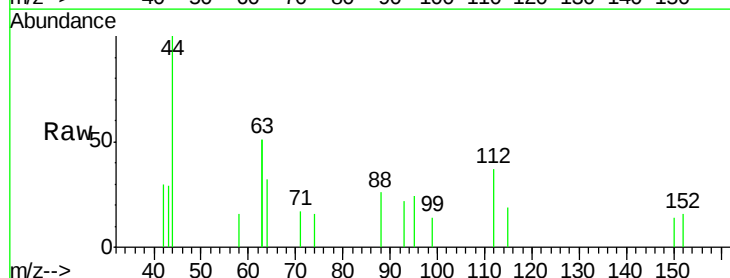
Tgt Ion: 112 Resp: 370

Ion Ratio Lower Upper

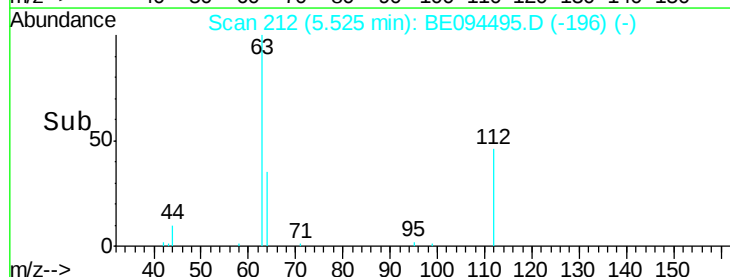
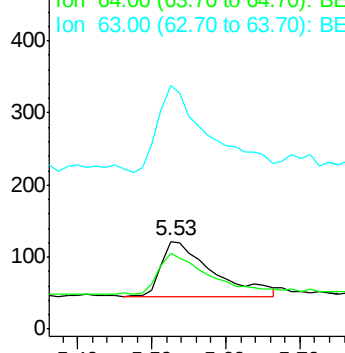
112 100

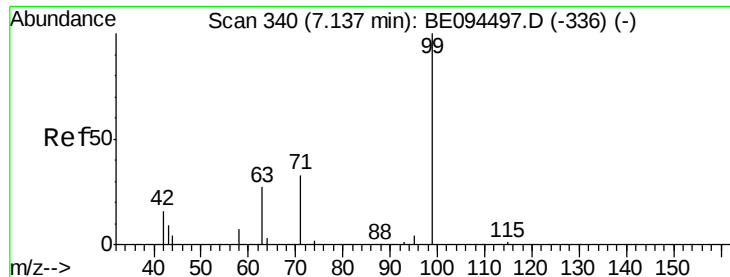
64 76.5 60.1 90.1

63 154.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.000 ng

RT: 7.02 min Scan# 331

Delta R.T. -0.11 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

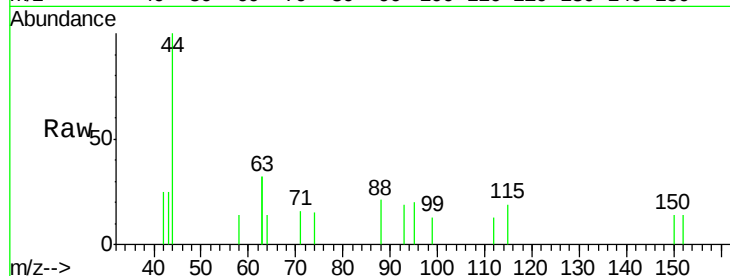
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

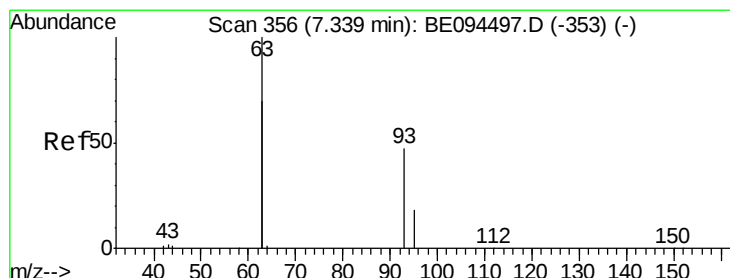
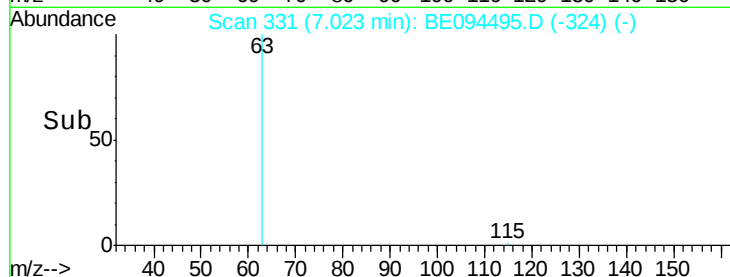
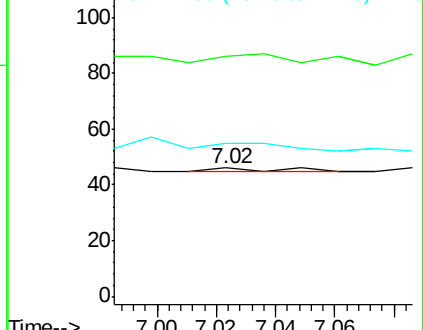
Tgt Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	400.0	20.2	30.2#
71	0.0	28.4	42.6#



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: 0.106 ng

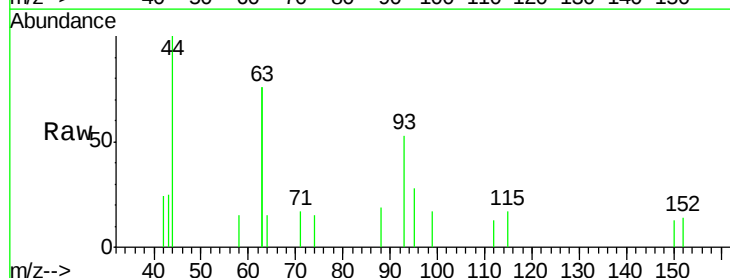
RT: 7.35 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

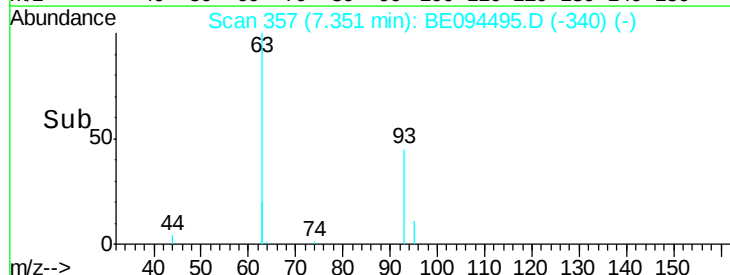
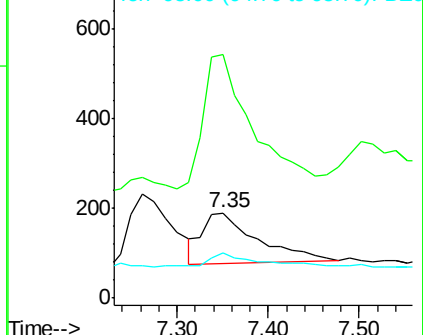
Tgt Ion:	93	Resp:	465
Ion	Ratio	Lower	Upper
93	100		
63	246.7	275.3	412.9#
95	20.4	25.2	37.8#

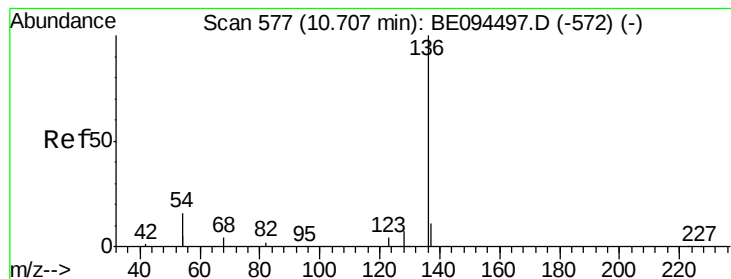


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

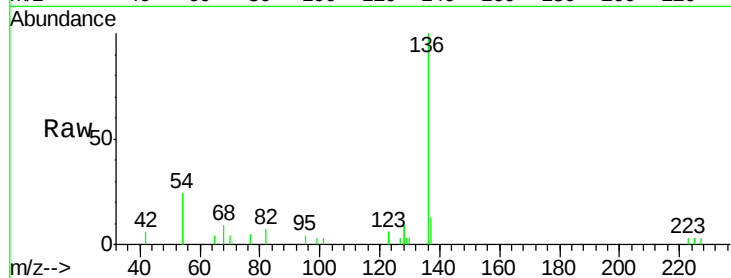
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:	136	Resp:	6115
Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	47.5	29.1	43.7#
68	9.1	6.2	9.2

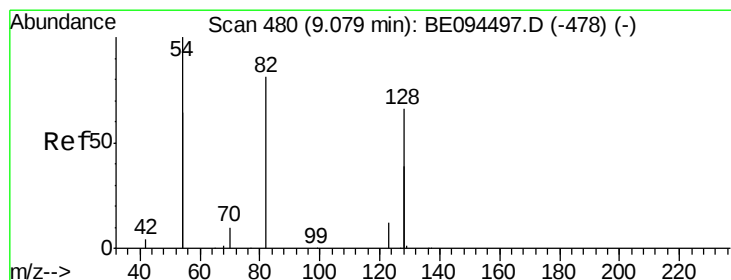
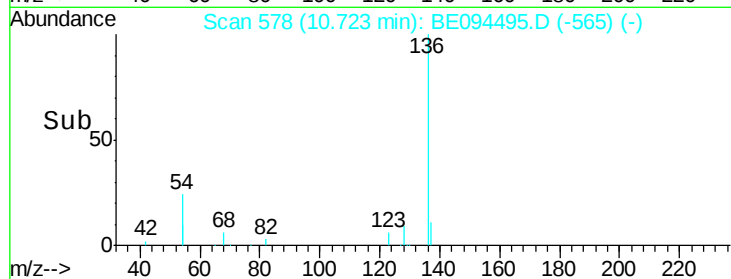
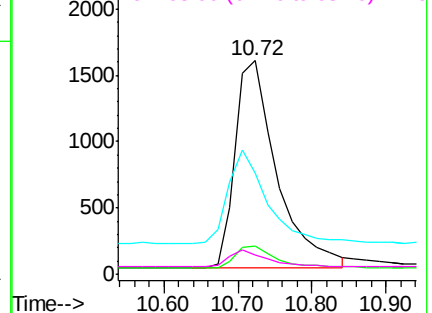


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.079 ng

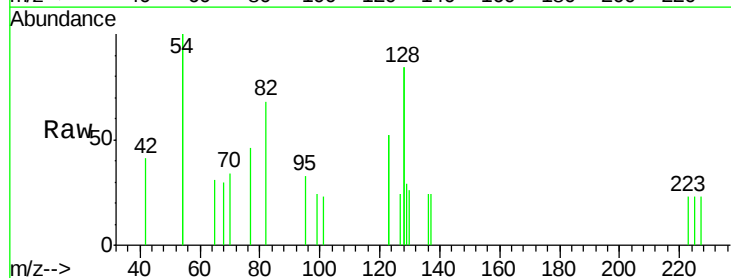
RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

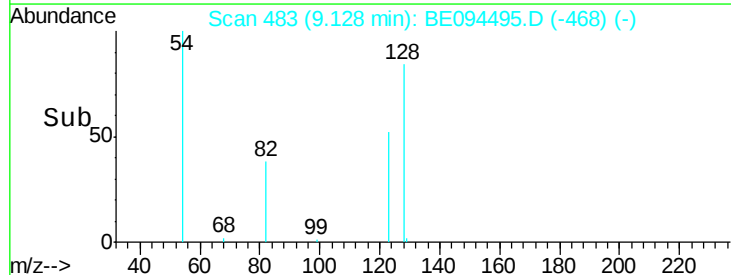
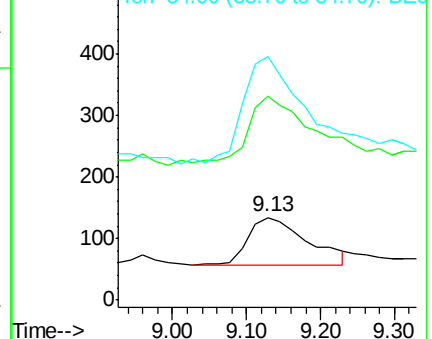
Tgt Ion:	82	Resp:	422
Ion	Ratio	Lower	Upper
82	100		
128	247.8	150.0	225.0#
54	295.5	154.2	231.4#

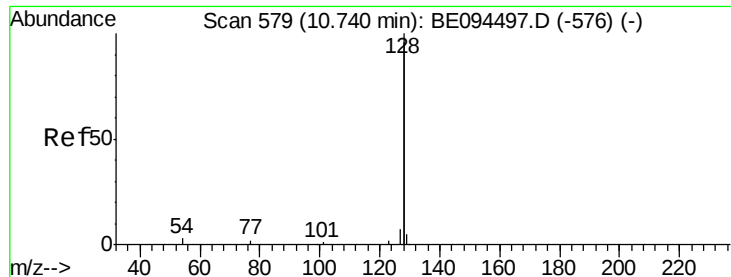


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.106 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

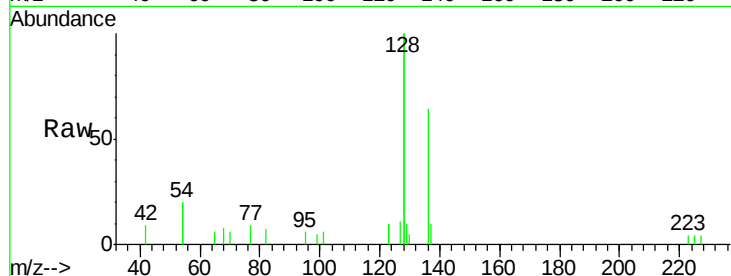
Tgt Ion:128 Resp: 7223

Ion Ratio Lower Upper

128 100

129 5.0 2.6 3.8#

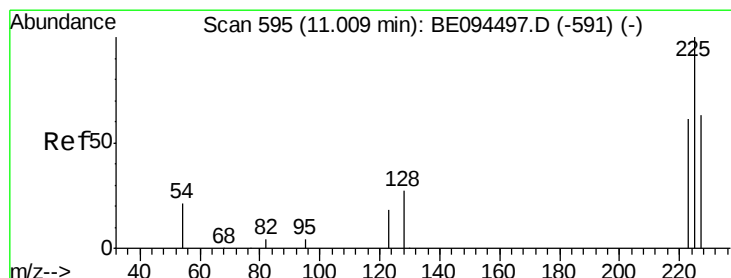
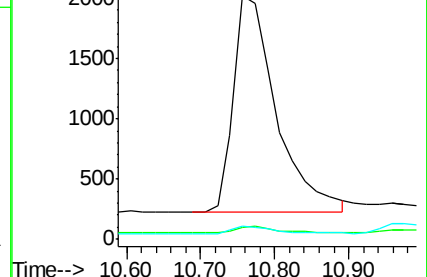
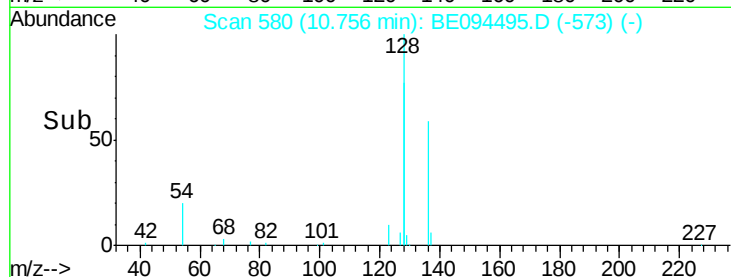
127 5.3 2.8 4.2#



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: 0.097 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

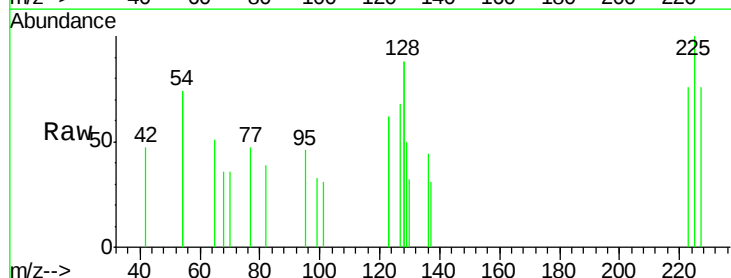
Tgt Ion:225 Resp: 264

Ion Ratio Lower Upper

225 100

223 66.3 53.0 79.6

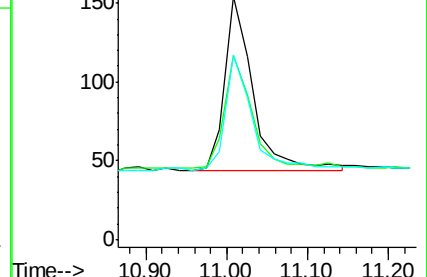
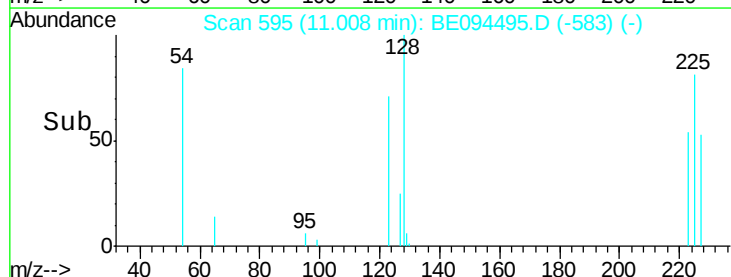
227 64.8 51.4 77.2

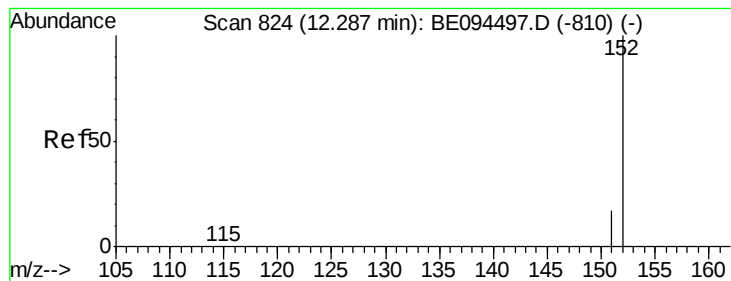


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.109 ng

RT: 12.32 min Scan# 831

Delta R.T. 0.03 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

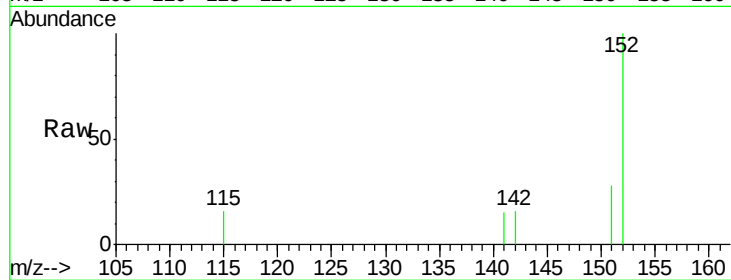
SSTDIC0.1

Tgt Ion:152 Resp: 1027

Ion Ratio Lower Upper

152 100

151 17.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.32

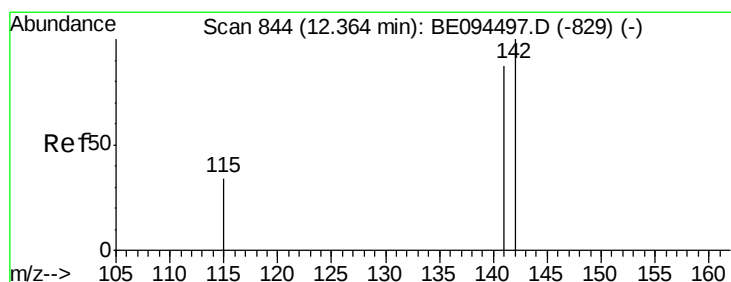
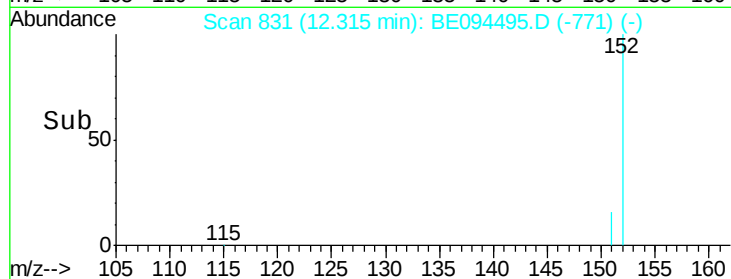
300

200

100

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.107 ng

RT: 12.39 min Scan# 851

Delta R.T. 0.03 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

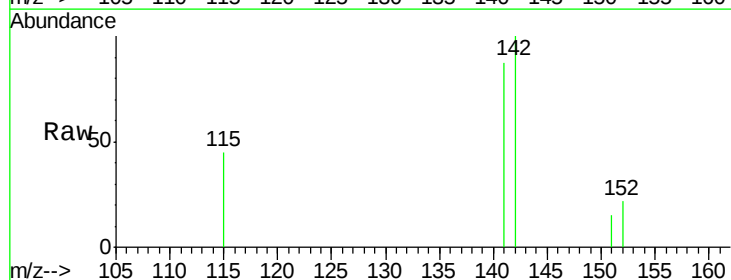
Tgt Ion:142 Resp: 1206

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

115 44.6 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

600

500

400

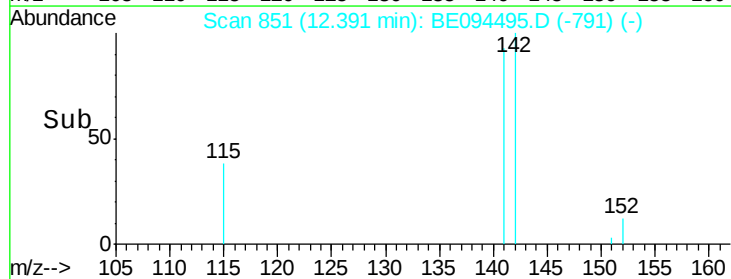
300

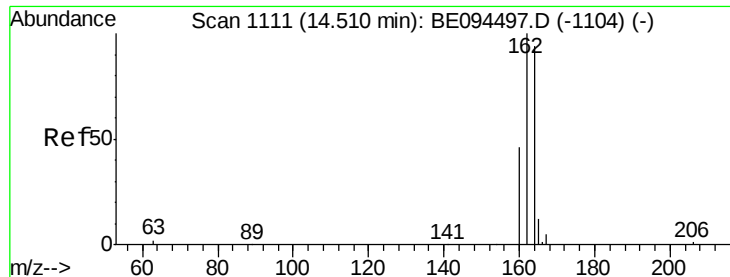
200

100

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

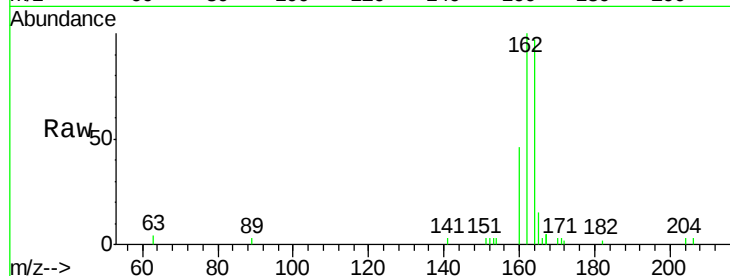
Tgt Ion:164 Resp: 3821

Ion Ratio Lower Upper

164 100

162 103.5 83.1 124.7

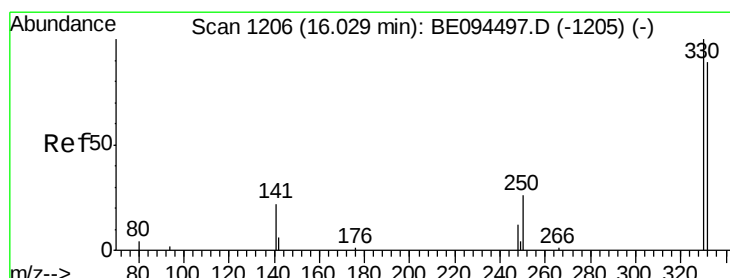
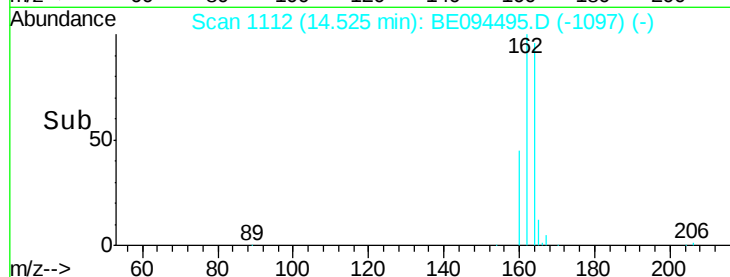
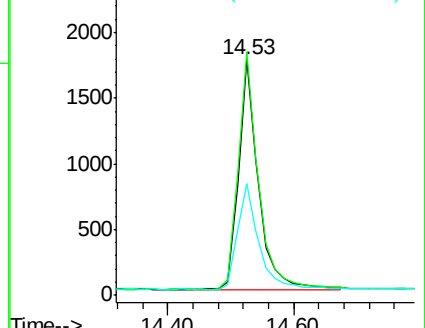
160 47.4 37.1 55.7



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: 0.062 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

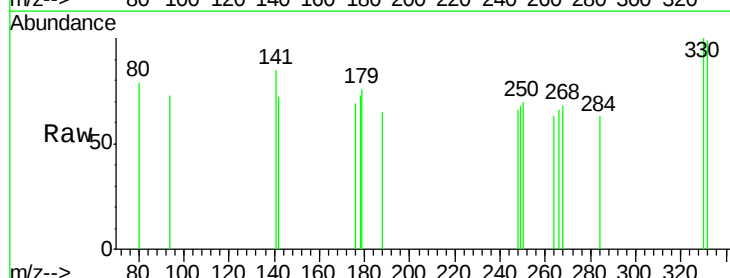
Tgt Ion:330 Resp: 90

Ion Ratio Lower Upper

330 100

332 106.7 152.7 229.1#

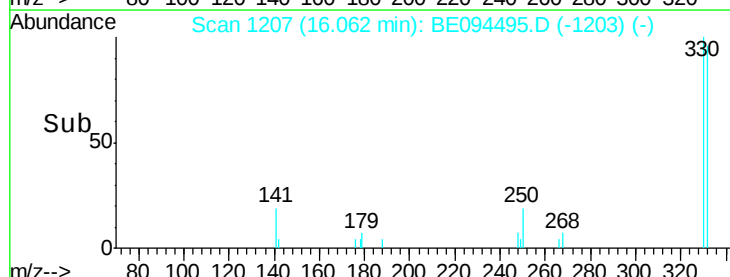
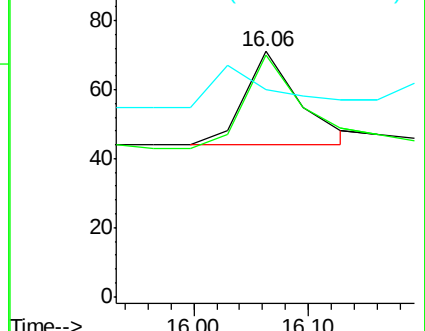
141 0.0 33.7 50.5#

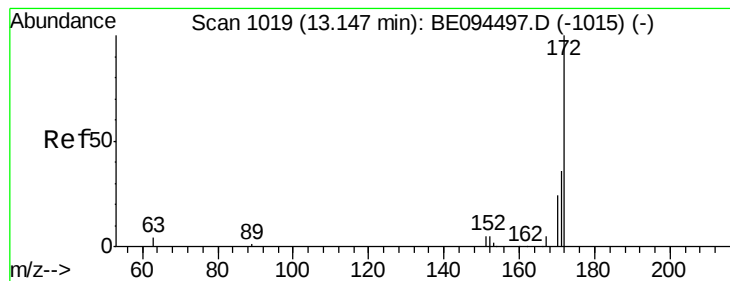


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.099 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.03 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

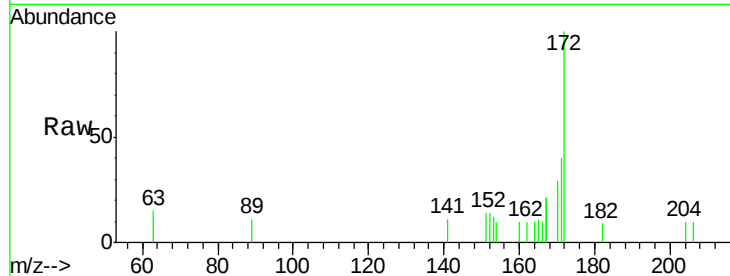
Tgt Ion:172 Resp: 1350

Ion Ratio Lower Upper

172 100

171 40.5 29.9 44.9

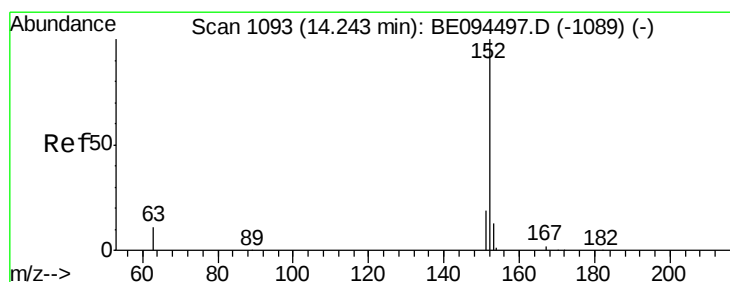
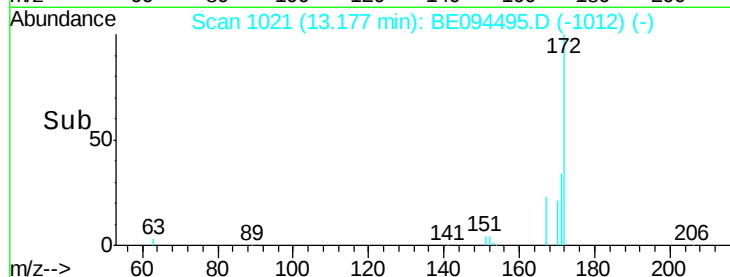
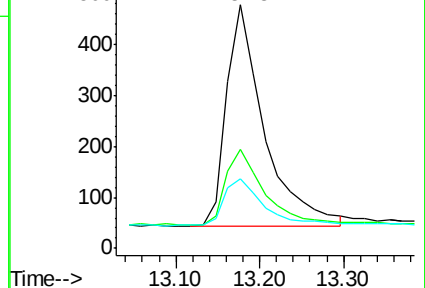
170 28.7 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.097 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

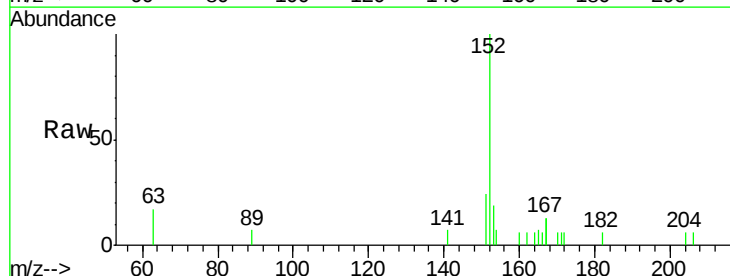
Tgt Ion:152 Resp: 2014

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

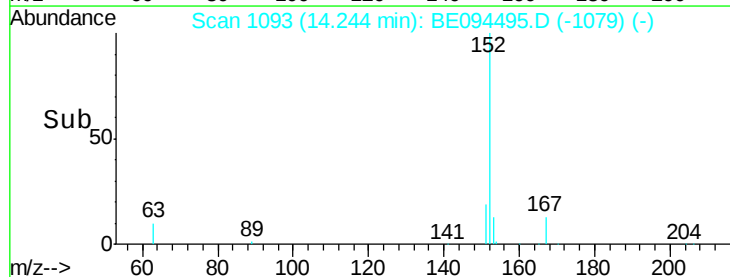
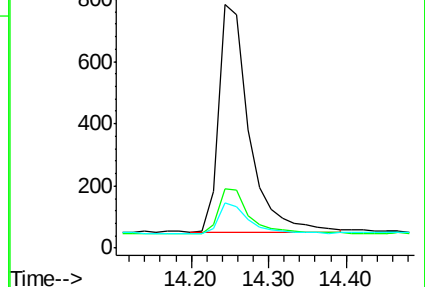
153 13.1 10.5 15.7

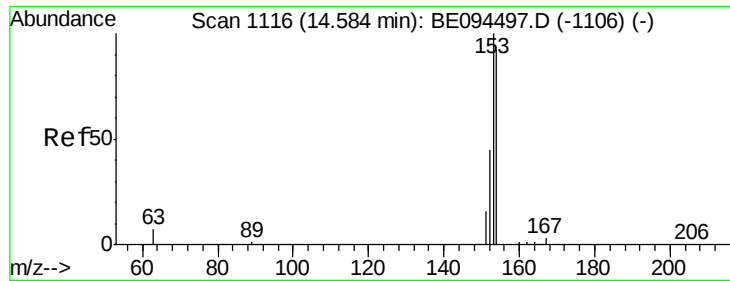


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.103 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

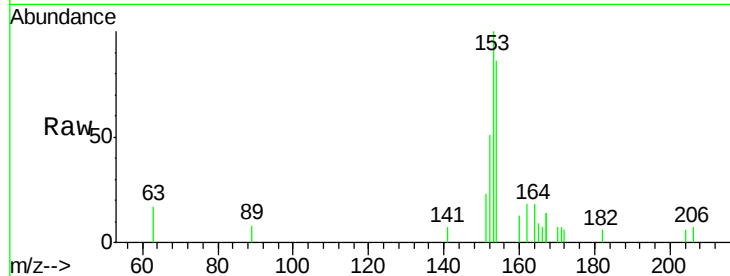
Tgt Ion:154 Resp: 1340

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

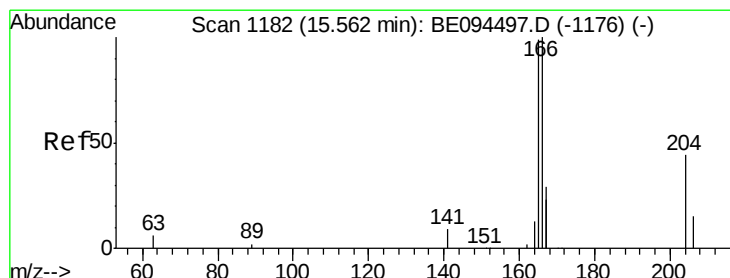
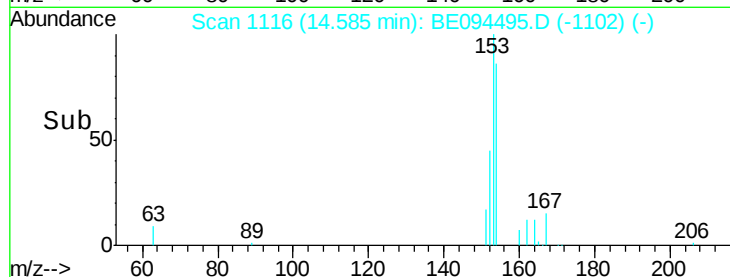
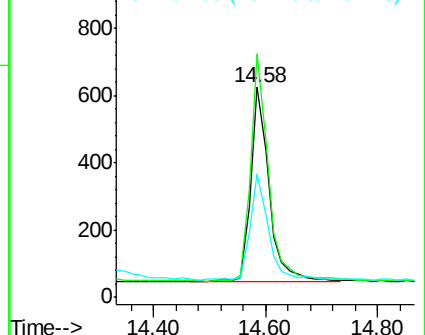
152 52.1 42.0 63.0



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: 0.099 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

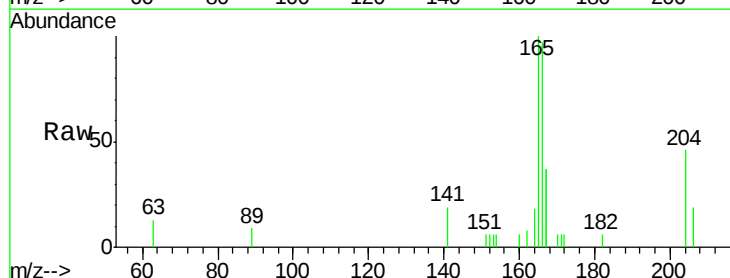
Tgt Ion:166 Resp: 1672

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.6

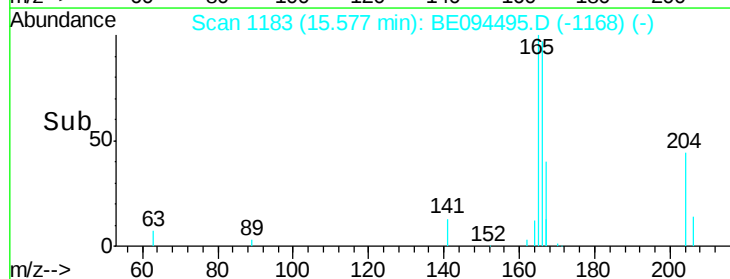
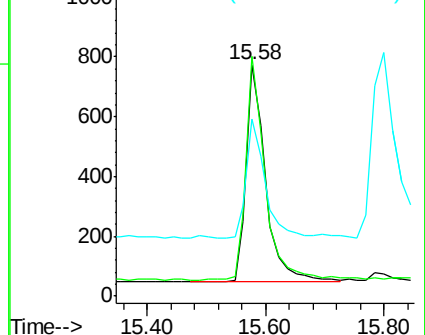
167 52.6 42.4 63.6

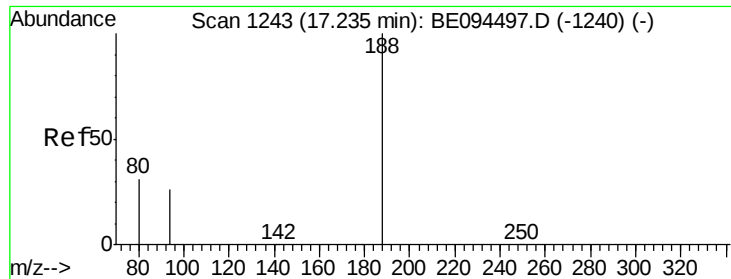


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

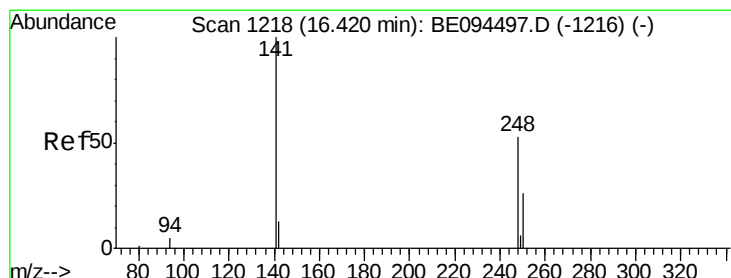
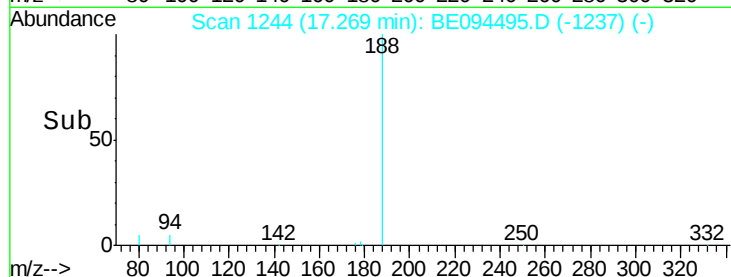
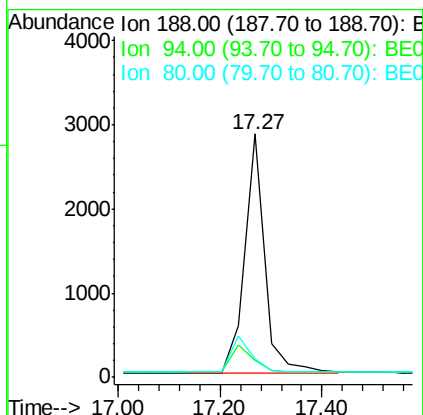
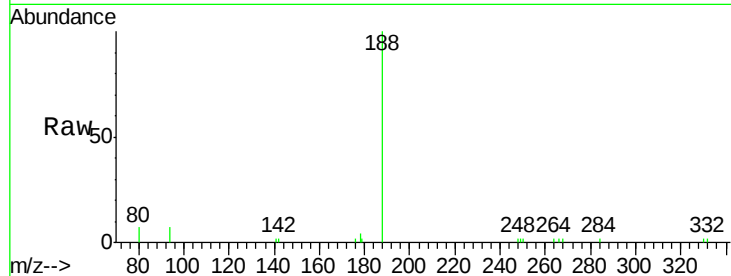




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094495.D
Acq: 23 Oct 2017 14:52

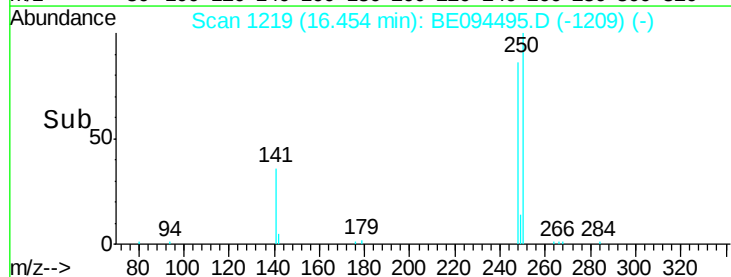
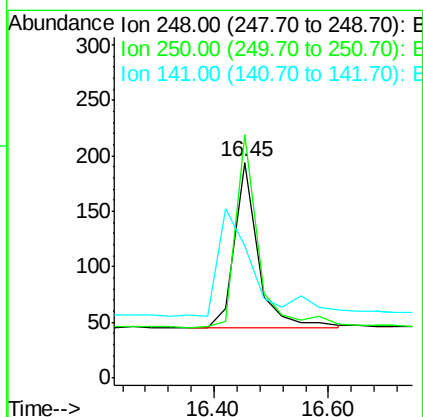
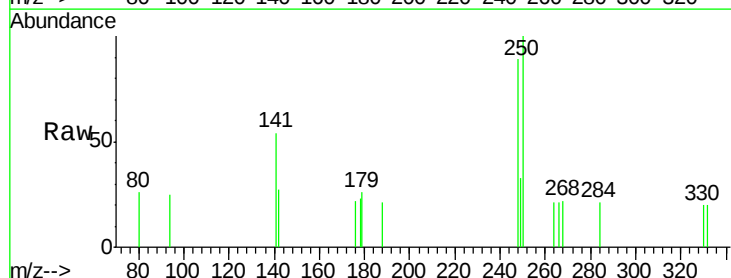
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

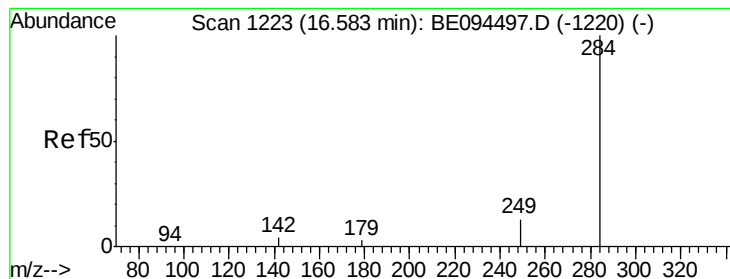
Tgt Ion:188 Resp: 7852
Ion Ratio Lower Upper
188 100
94 6.9 3.9 5.9#
80 7.3 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094495.D
Acq: 23 Oct 2017 14:52

Tgt Ion:248 Resp: 422
Ion Ratio Lower Upper
248 100
250 112.9 62.7 94.1#
141 61.3 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.076 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

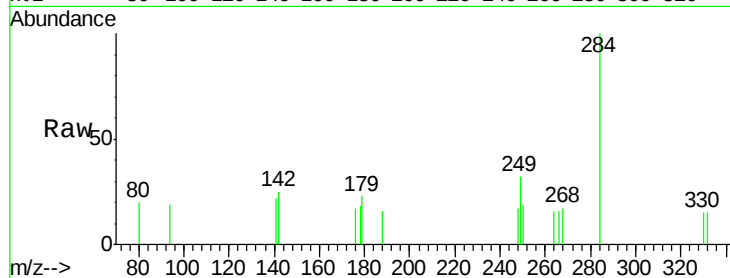
Tgt Ion:284 Resp: 542

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

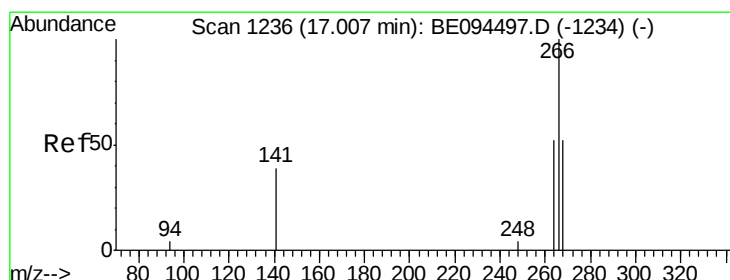
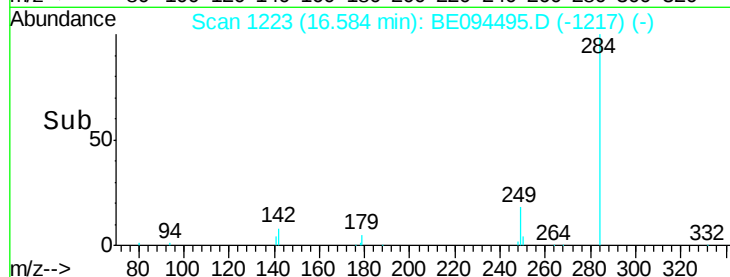
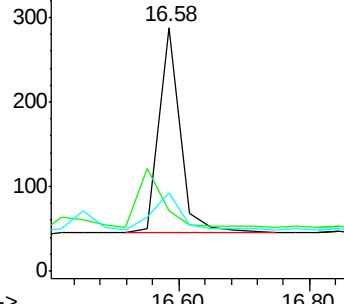
249 23.4 34.8 52.2#



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: 0.037 ng

RT: 17.04 min Scan# 1237

Delta R.T. 0.03 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

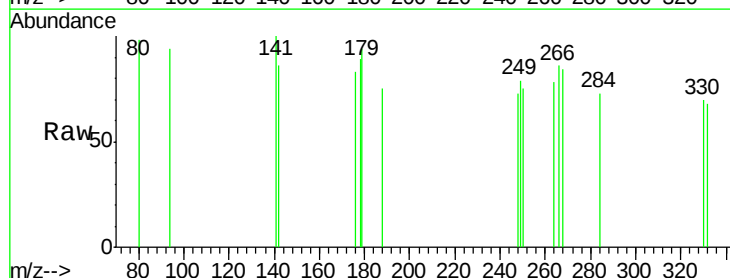
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 90.7 72.5 108.7

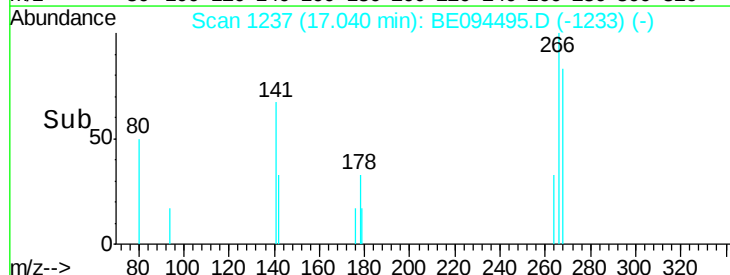
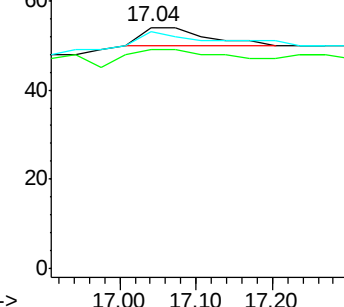
268 98.1 73.8 110.6

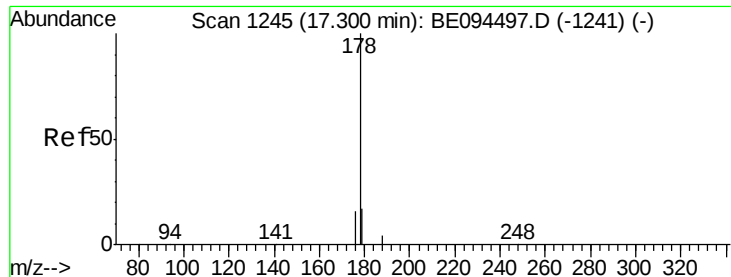


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.091 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

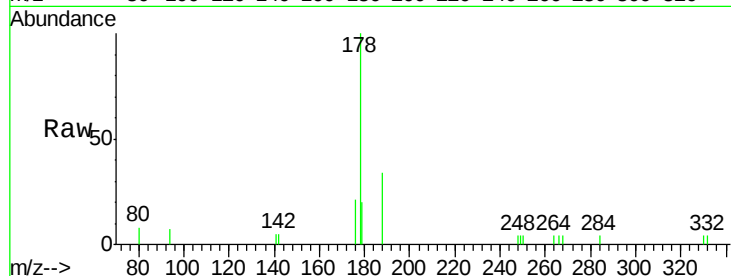
Tgt Ion:178 Resp: 2801

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

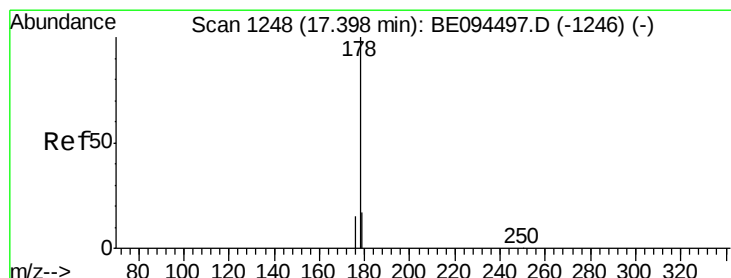
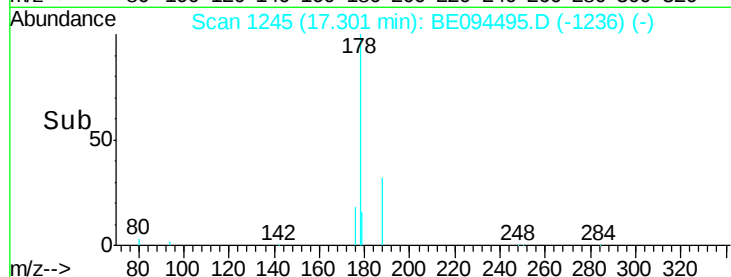
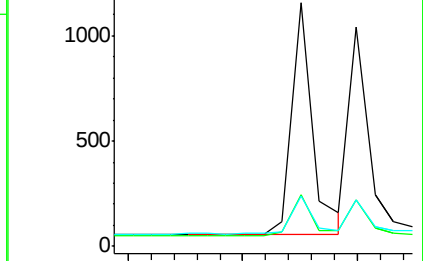
179 16.5 11.8 17.6



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: 0.104 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

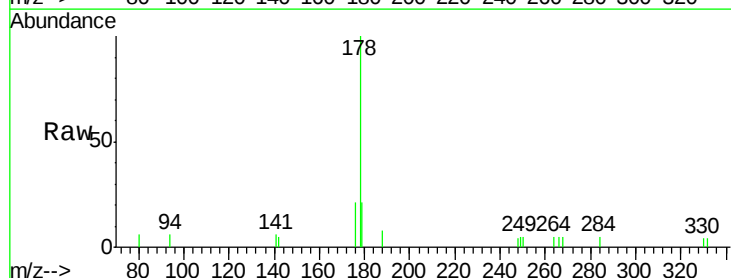
Tgt Ion:178 Resp: 2478

Ion Ratio Lower Upper

178 100

176 17.5 12.8 19.2

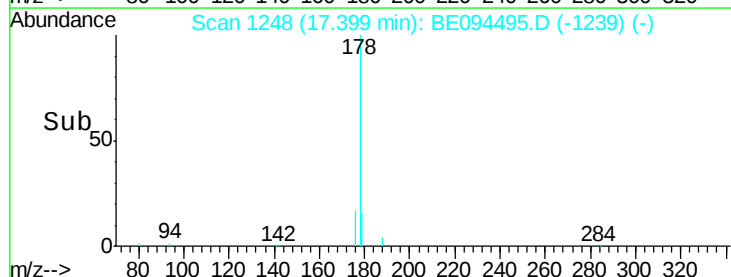
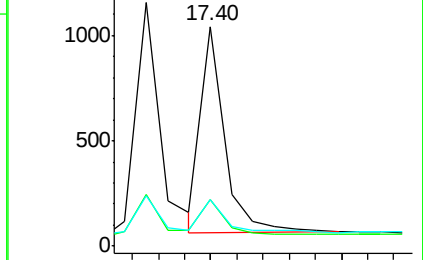
179 17.8 13.0 19.6

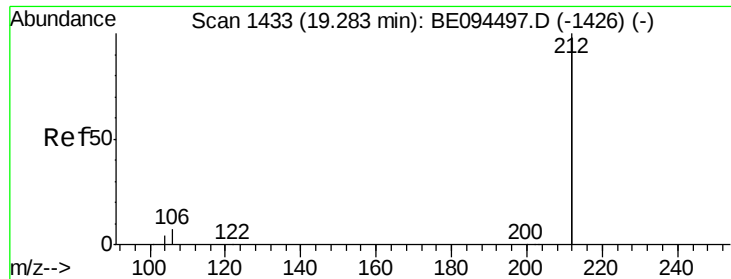


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.082 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

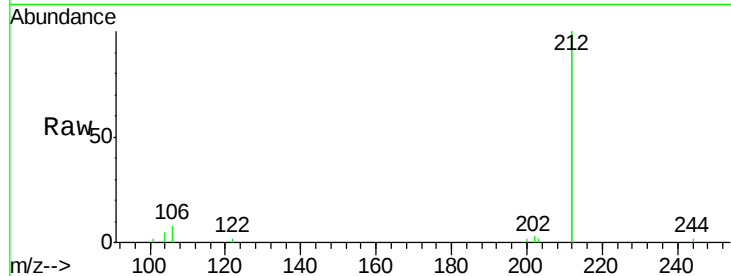
Tgt Ion:212 Resp: 10308

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

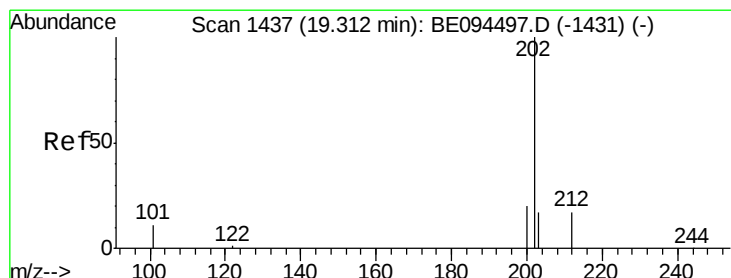
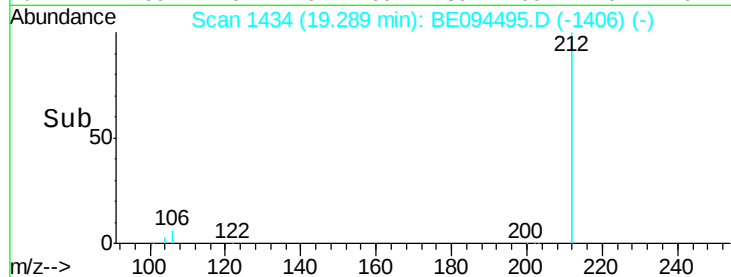
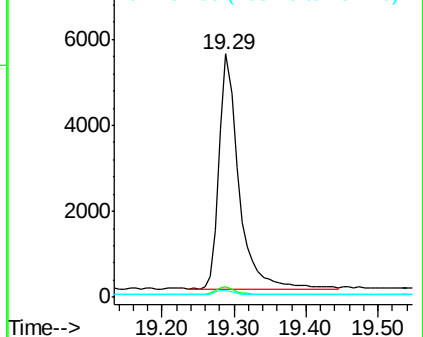
104 1.9 1.6 2.4



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: 0.081 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

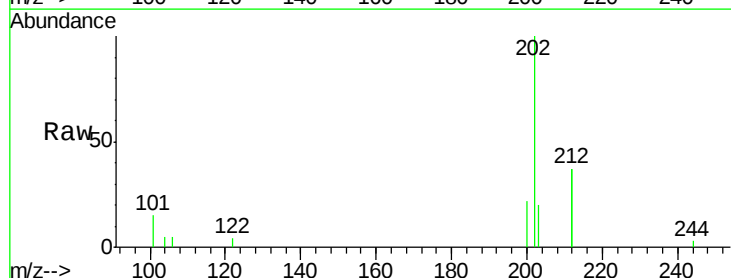
Tgt Ion:202 Resp: 3115

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

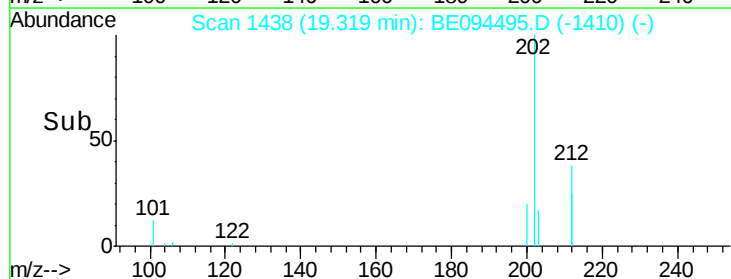
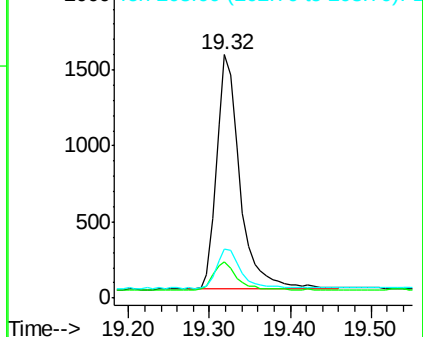
203 17.6 13.7 20.5

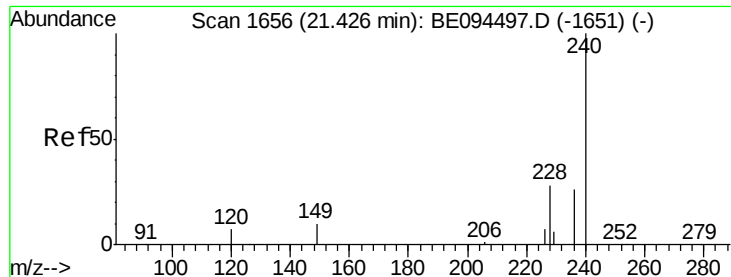


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1656

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

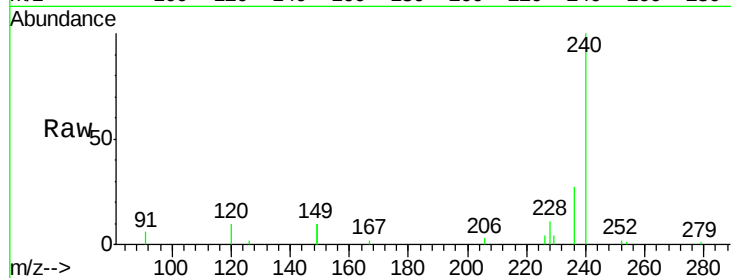
Tgt Ion:240 Resp: 9241

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

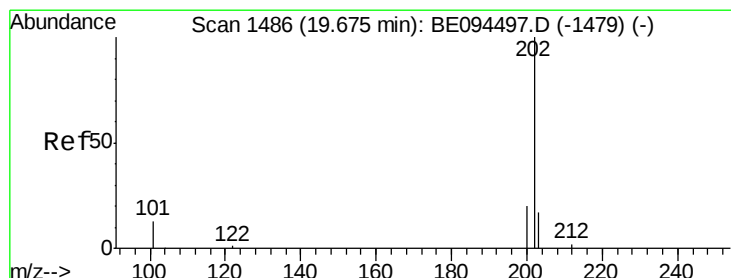
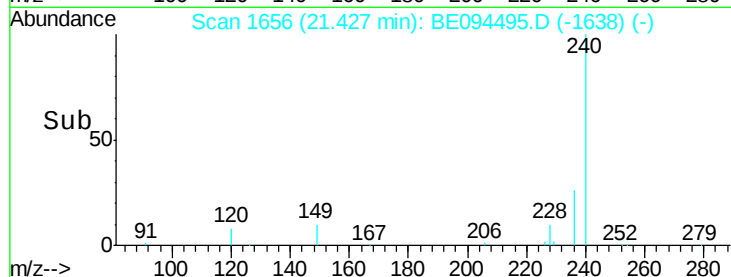
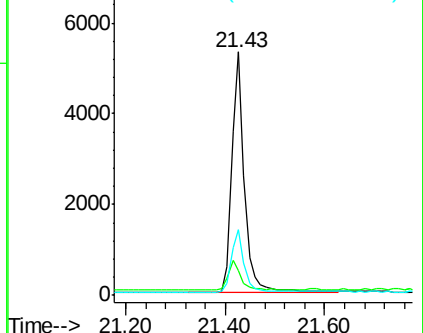
236 27.0 20.7 31.1



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: 0.095 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

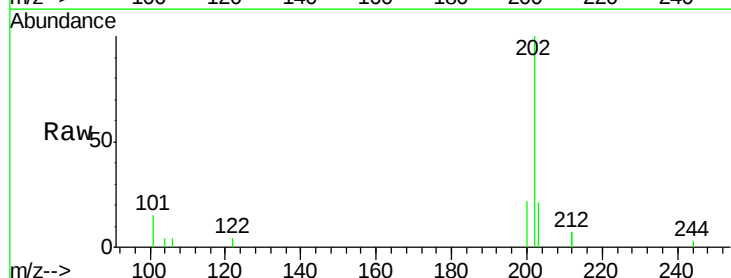
Tgt Ion:202 Resp: 3298

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

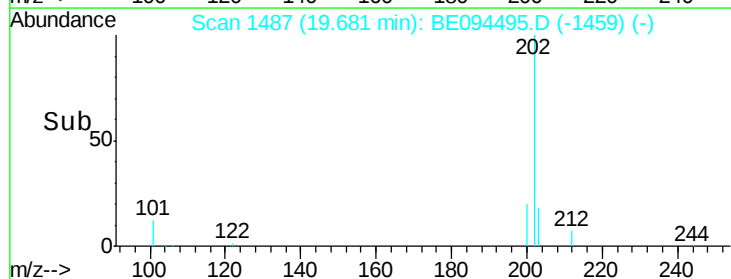
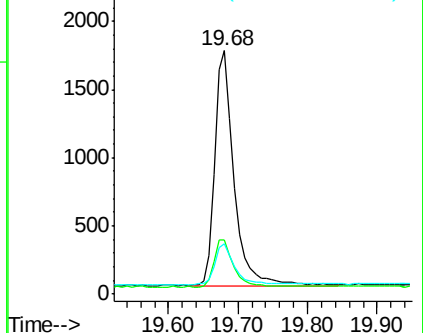
203 17.7 13.8 20.8

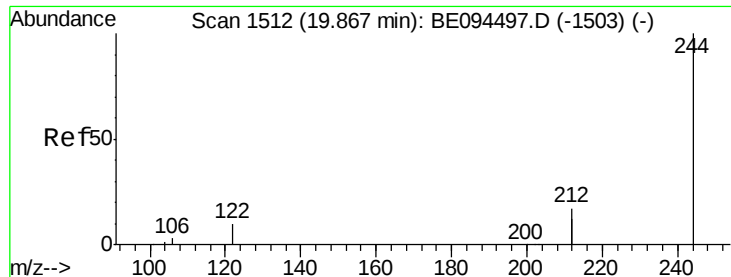


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.094 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

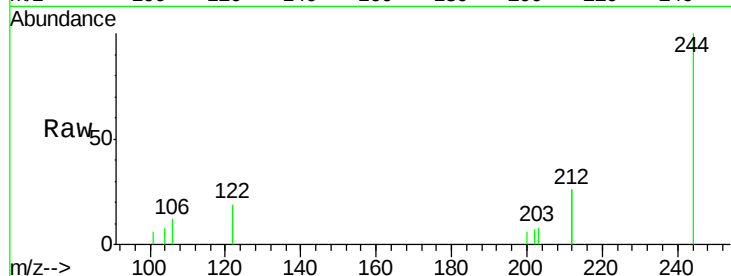
Tgt Ion:244 Resp: 1745

Ion Ratio Lower Upper

244 100

212 52.6 25.4 38.0#

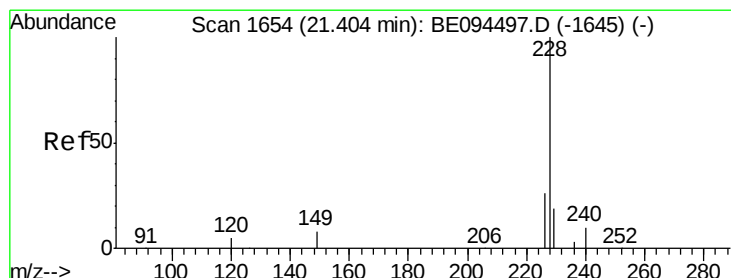
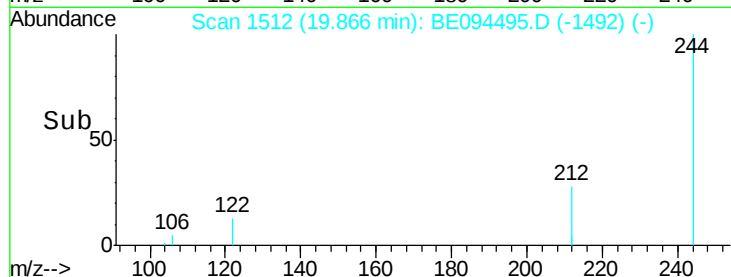
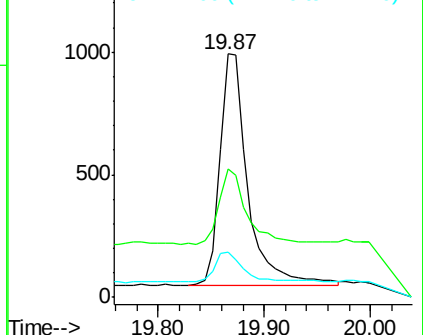
122 18.5 8.1 12.1#



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: 0.095 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

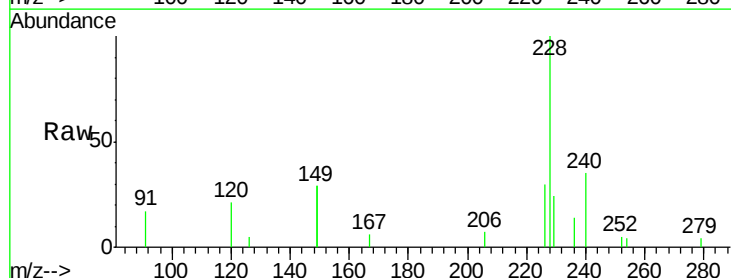
Tgt Ion:228 Resp: 3043

Ion Ratio Lower Upper

228 100

226 29.7 40.0 60.0#

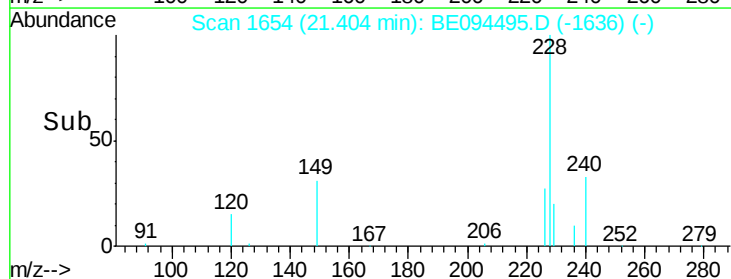
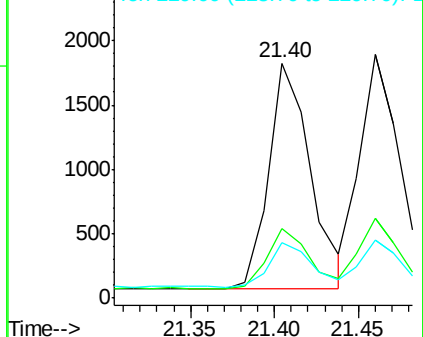
229 23.8 40.0 60.0#

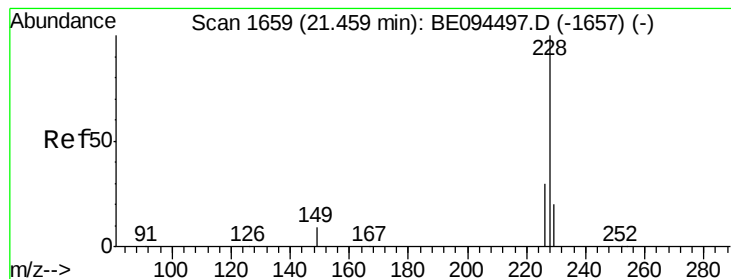


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.104 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

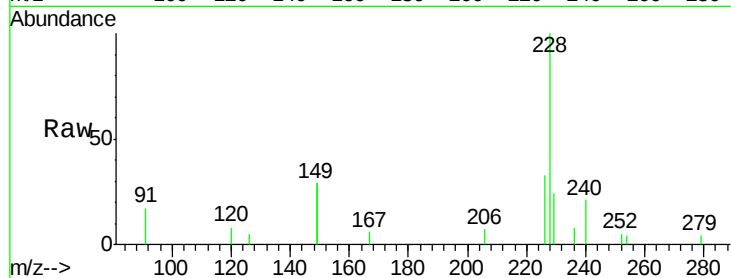
Tgt Ion: 228 Resp: 3195

Ion Ratio Lower Upper

228 100

226 32.8 40.0 60.0#

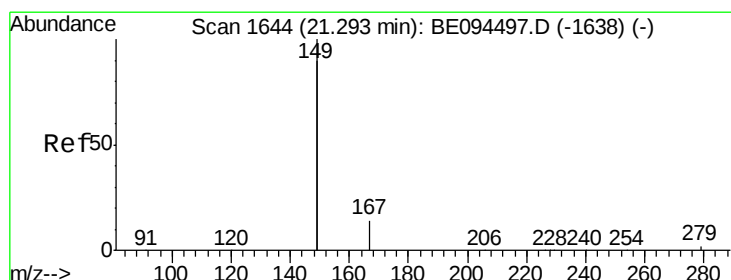
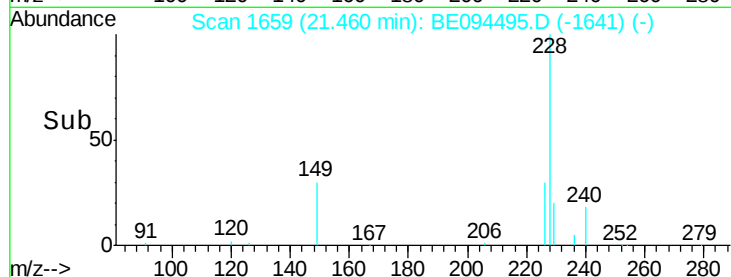
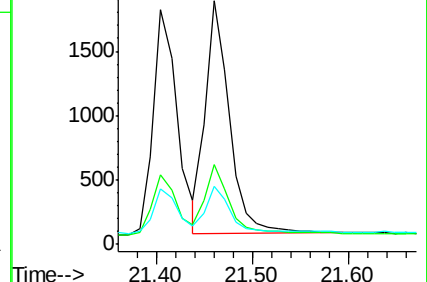
229 23.6 40.0 60.0#



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: 0.098 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

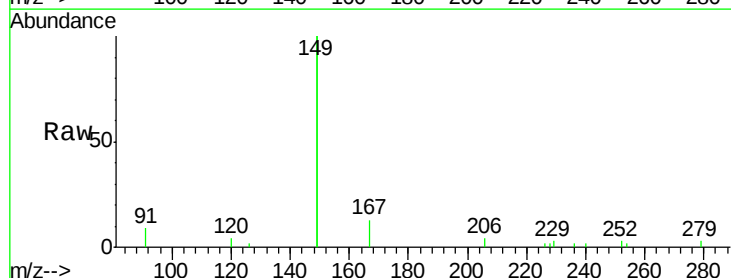
Tgt Ion: 149 Resp: 9010

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

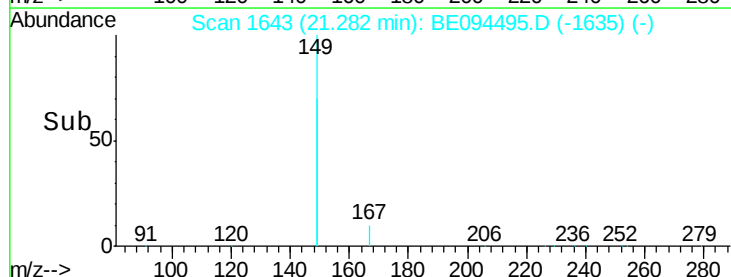
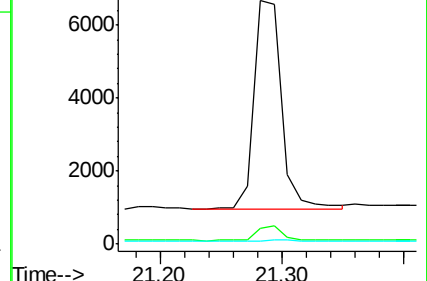
279 0.9 0.7 1.1

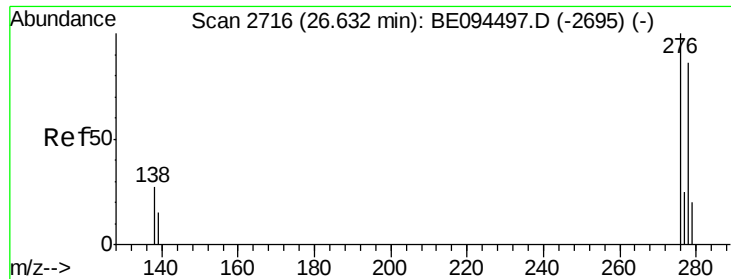


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.091 ng

RT: 26.64 min Scan# 2718

Delta R.T. 0.01 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

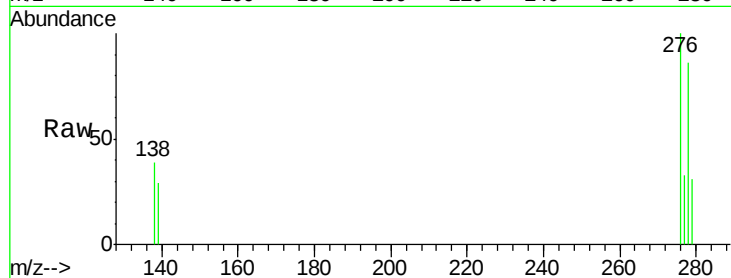
Tgt Ion:276 Resp: 2833

Ion Ratio Lower Upper

276 100

138 28.3 22.5 33.7

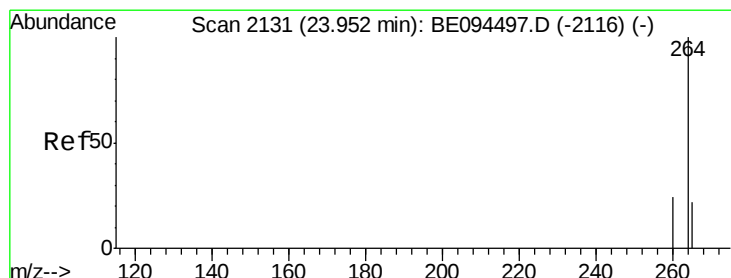
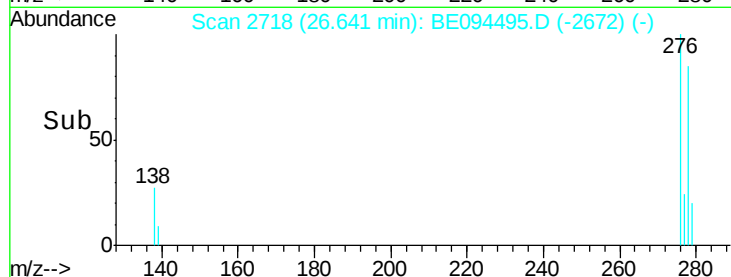
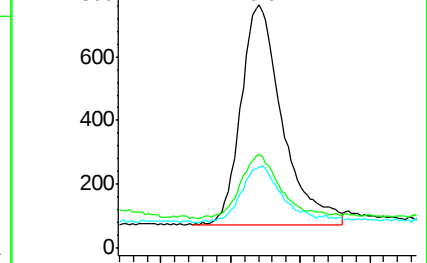
277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

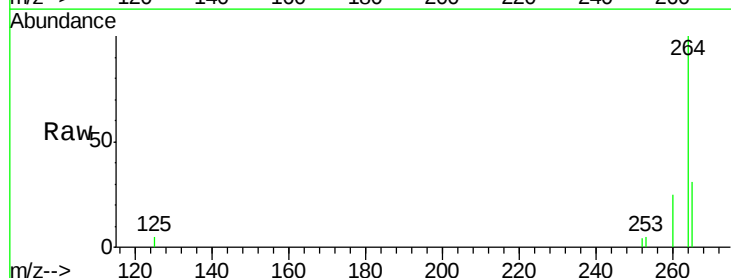
Tgt Ion:264 Resp: 8720

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

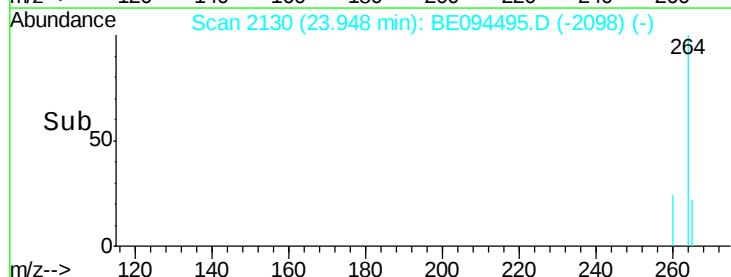
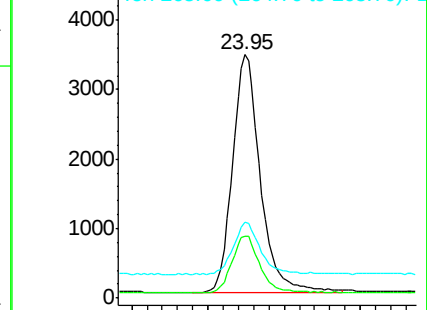
265 31.2 22.8 34.2

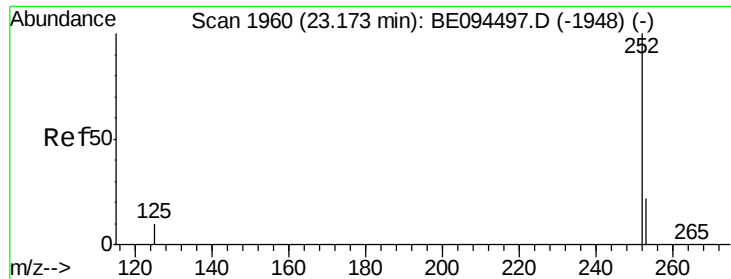


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.096 ng

RT: 23.17 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

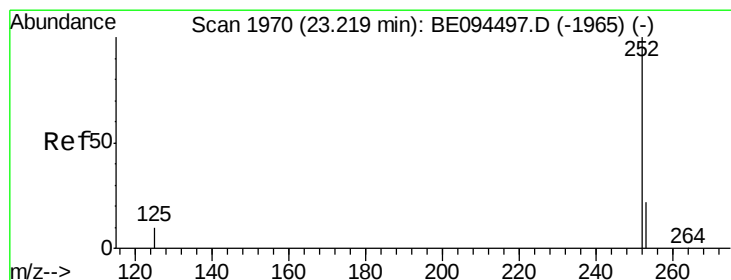
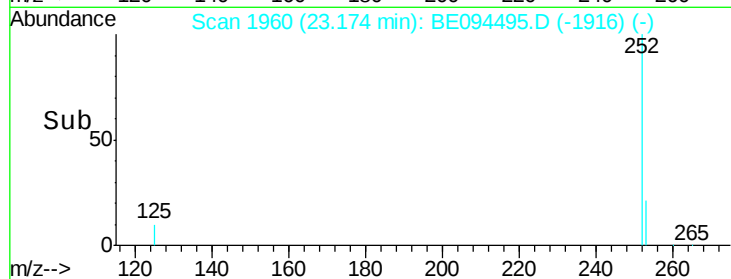
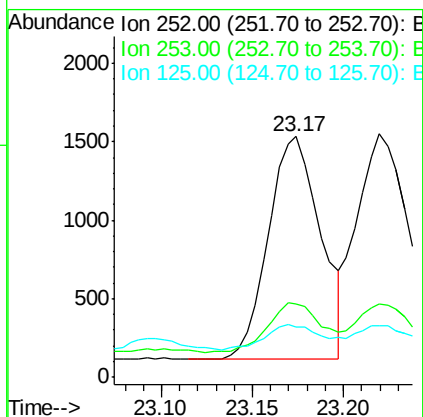
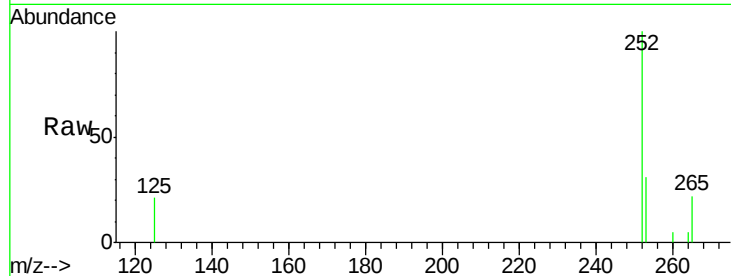
Tgt Ion:252 Resp: 2845

Ion Ratio Lower Upper

252 100

253 30.5 48.0 72.0#

125 21.1 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.107 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

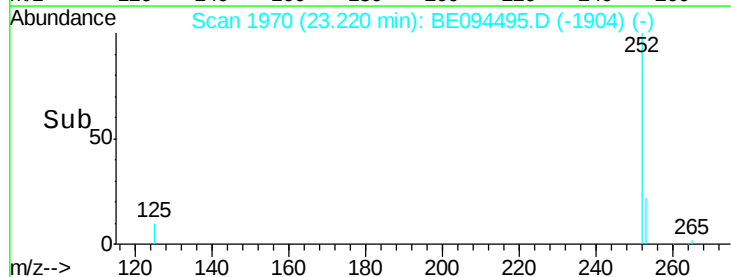
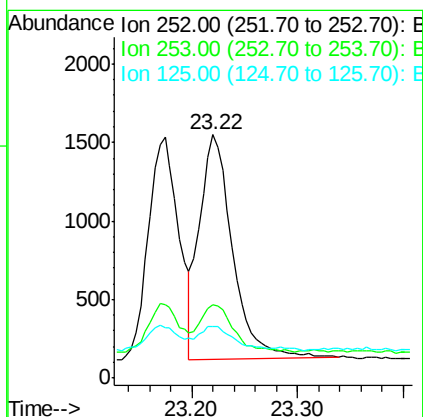
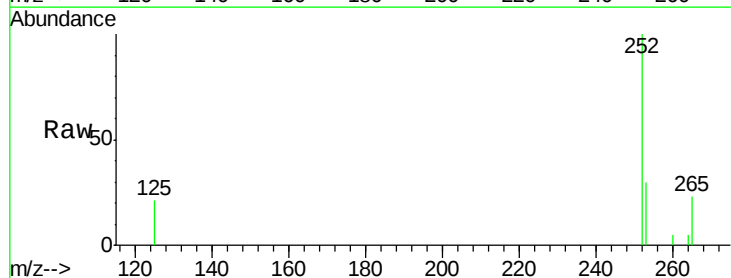
Tgt Ion:252 Resp: 3106

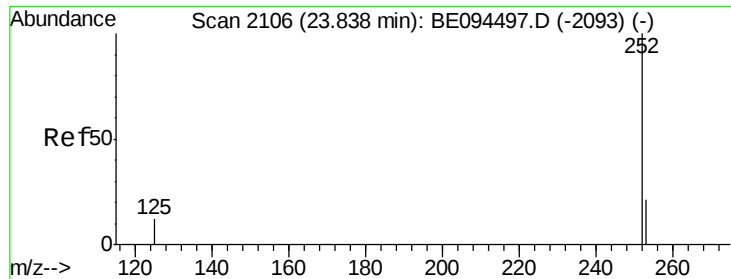
Ion Ratio Lower Upper

252 100

253 30.3 48.0 72.0#

125 21.3 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.098 ng

RT: 23.84 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

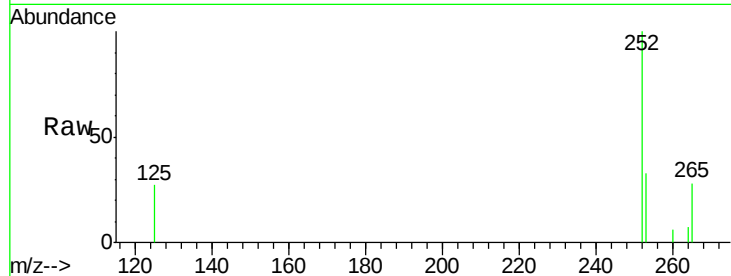
Tgt Ion: 252 Resp: 2714

Ion Ratio Lower Upper

252 100

253 33.3 52.0 78.0#

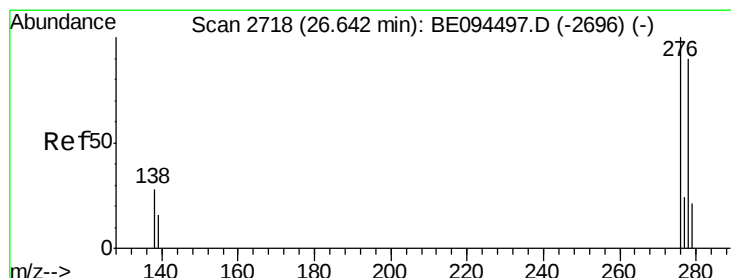
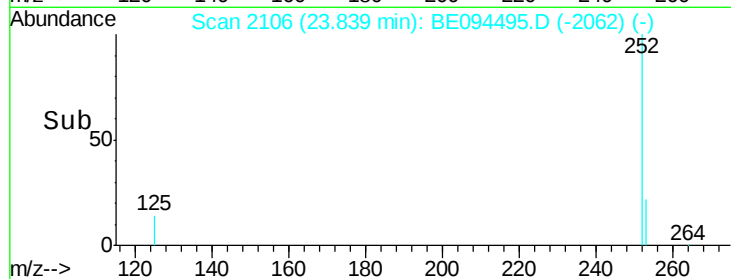
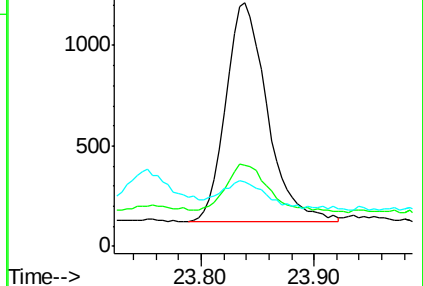
125 26.6 68.0 102.0#



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: 0.095 ng

RT: 26.64 min Scan# 2717

Delta R.T. -0.00 min

Lab File: BE094495.D

Acq: 23 Oct 2017 14:52

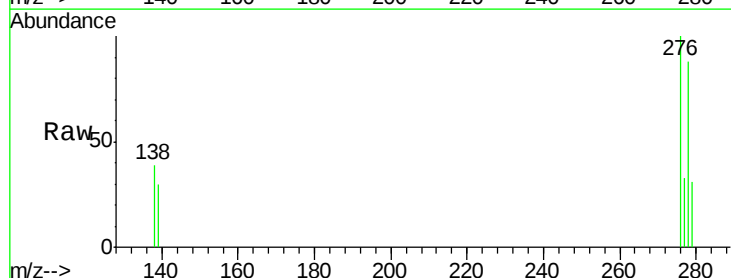
Tgt Ion: 278 Resp: 2491

Ion Ratio Lower Upper

278 100

139 33.9 56.0 84.0#

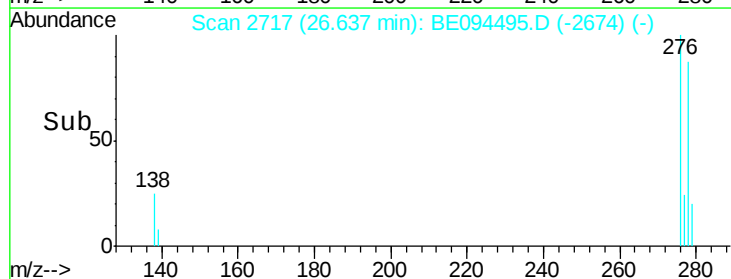
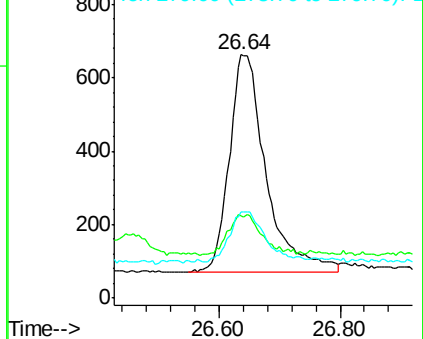
279 35.3 52.0 78.0#

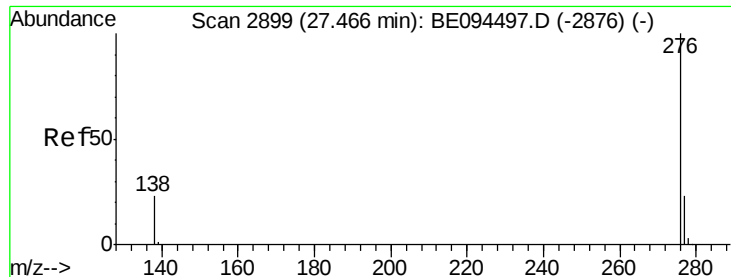


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.093 ng

RT: 27.47 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BE094495.D

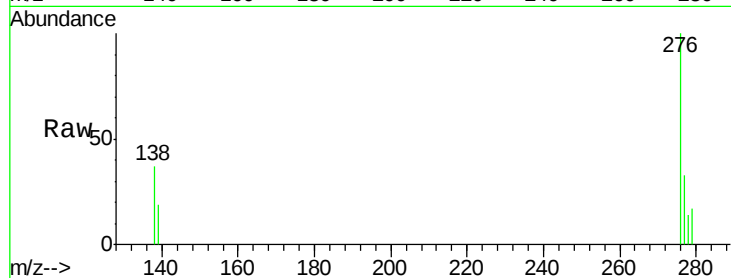
Acq: 23 Oct 2017 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1



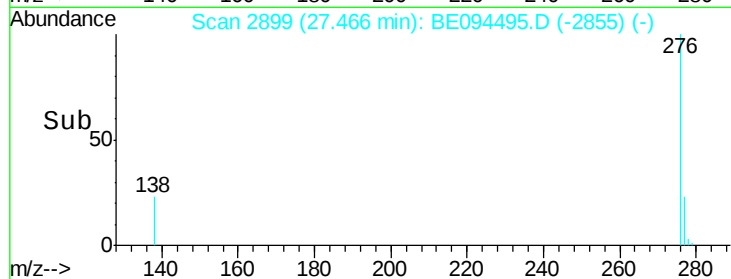
Tgt Ion: 276 Resp: 2360

Ion Ratio Lower Upper

276 100

277 33.5 52.0 78.0#

138 36.6 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

