

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094177.D
 Acq On : 6 Oct 2017 13:16
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 06 13:52:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 12:02:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1377	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6845	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4083	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11564	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10274	0.40	ng	0.00
34) Perylene-d12	23.91	264	9444	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	3681	0.71	ng	0.00
5) Phenol-d6	7.09	99	5309	0.73	ng	0.00
8) Nitrobenzene-d5	9.04	82	4555	0.69	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	8464	0.80	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1412	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11204	0.83	ng	0.00
25) Fluoranthene-d10	19.27	212	90723	0.81	ng	0.00
29) Terphenyl-d14	19.85	244	15680	0.84	ng	0.00

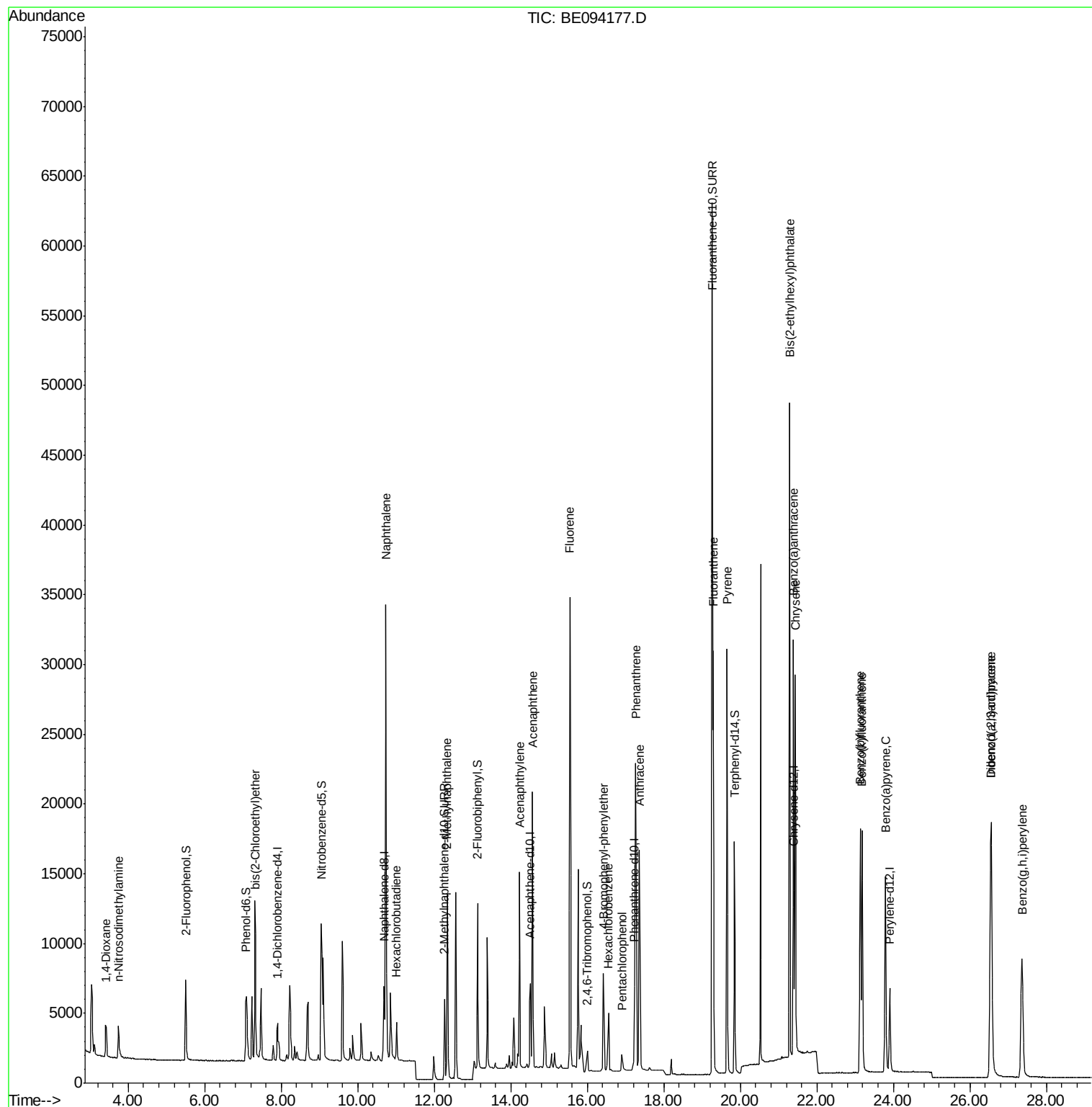
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	1901	0.708	ng	# 82
3) n-Nitrosodimethylamine	3.74	42	2106	0.614	ng	# 94
6) bis(2-Chloroethyl)ether	7.33	93	4317	0.768	ng	94
9) Naphthalene	10.74	128	61003	0.789	ng	99
10) Hexachlorobutadiene	11.01	225	2252	0.777	ng	98
12) 2-Methylnaphthalene	12.34	142	10193	0.815	ng	99
16) Acenaphthylene	14.23	152	16565	0.809	ng	99
17) Acenaphthene	14.57	154	10951	0.856	ng	98
18) Fluorene	15.55	166	14493	0.835	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	5476	1.154	ng	# 80
21) Hexachlorobenzene	16.55	284	5022	1.677	ng	# 84
22) Pentachlorophenol	16.91	266	1295	0.472	ng	# 74
23) Phenanthrene	17.27	178	33551	1.134	ng	99
24) Anthracene	17.37	178	24182	0.779	ng	99
26) Fluoranthene	19.30	202	27747	0.837	ng	100
28) Pyrene	19.65	202	28604	0.879	ng	100
30) Benzo(a)anthracene	21.38	228	26824	0.775	ng	99
31) Chrysene	21.44	228	26505	0.794	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	58942	0.356	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	26067	0.730	ng	100
35) Benzo(b)fluoranthene	23.13	252	25556	0.750	ng	99
36) Benzo(k)fluoranthene	23.18	252	25564	0.784	ng	98
37) Benzo(a)pyrene	23.79	252	24060	0.781	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	22157	0.760	ng	98
39) Benzo(g,h,i)perylene	27.36	276	22637	0.784	ng	96

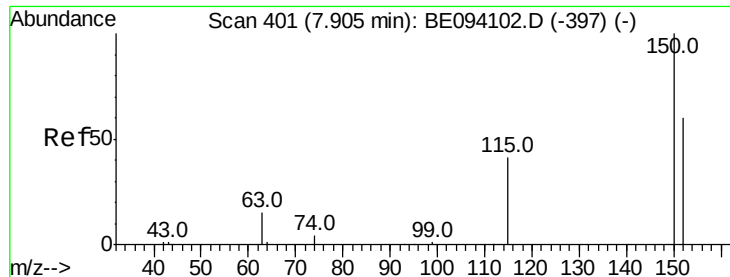
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 06 12:02:32 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

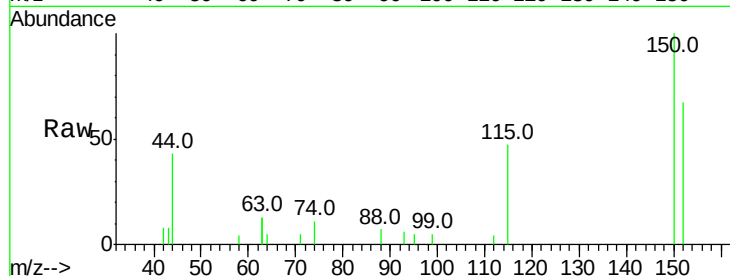
Tot Ion:152 Resp: 1377

Ion Ratio Lower Upper

152 100

150 148.7 117.2 175.8

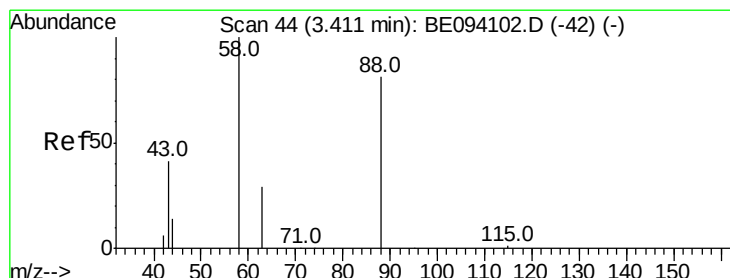
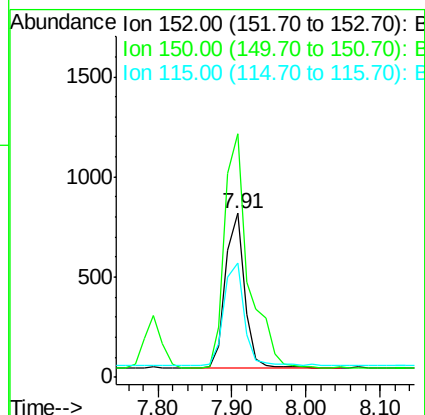
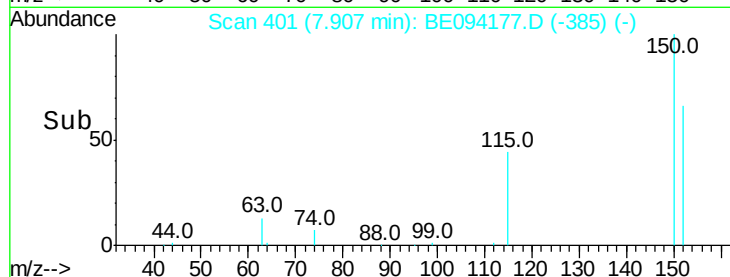
115 69.8 57.0 85.6



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: 0.708 ng

RT: 3.43 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

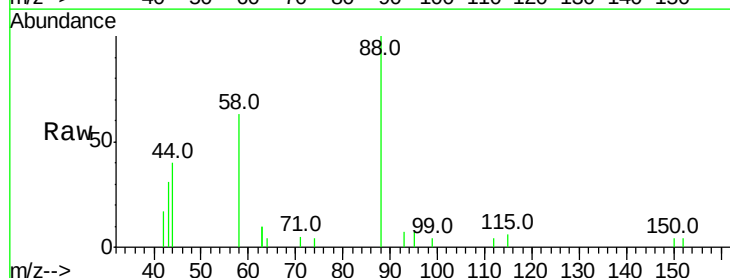
Tgt Ion: 88 Resp: 1901

Ion Ratio Lower Upper

88 100

58 88.7 63.2 94.8

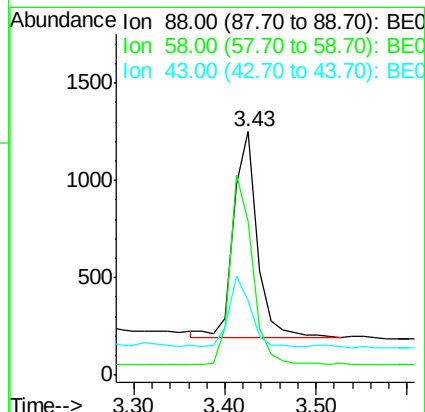
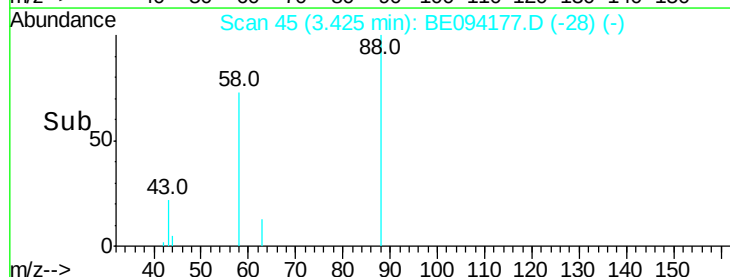
43 31.7 41.2 61.8#

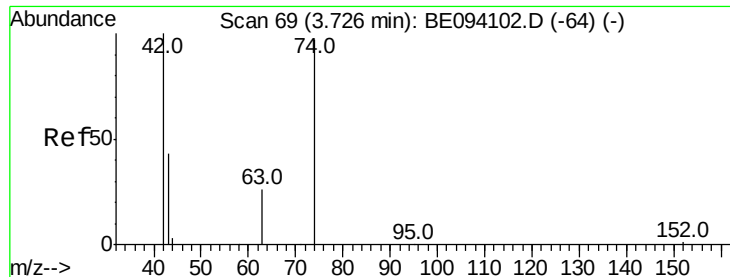


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



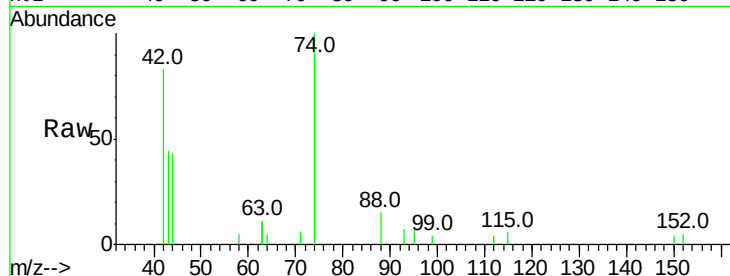


#3

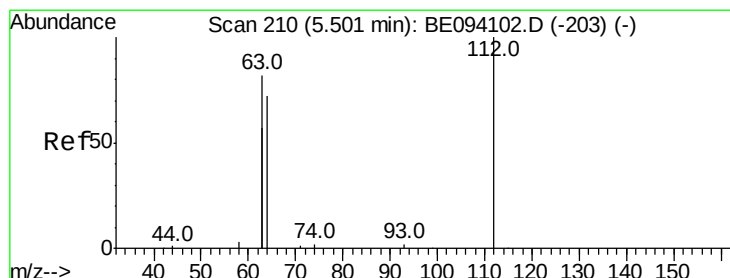
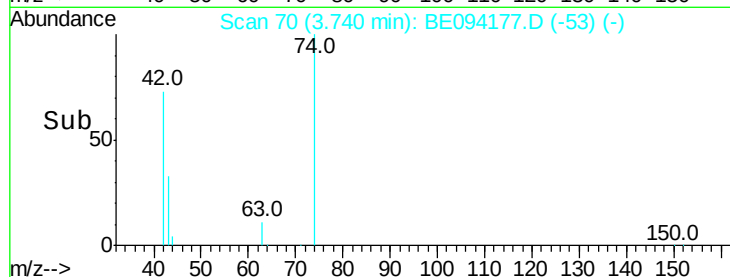
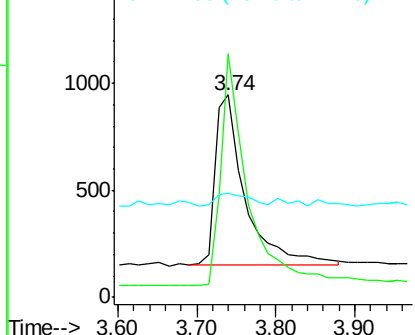
n-Nitrosodimethylamine
Concen: 0.614 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion: 42 Resp: 2106
Ion Ratio Lower Upper
42 100
74 122.9 100.3 150.5
44 8.1 17.0 25.4#



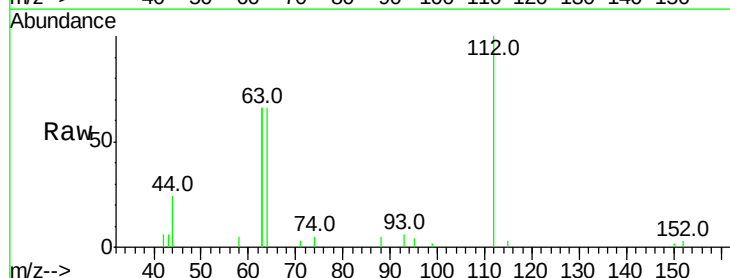
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



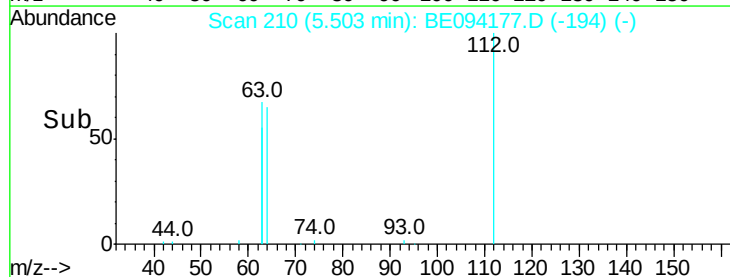
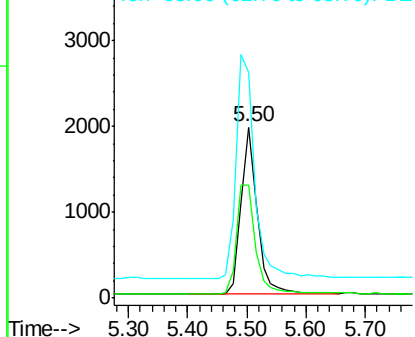
#4

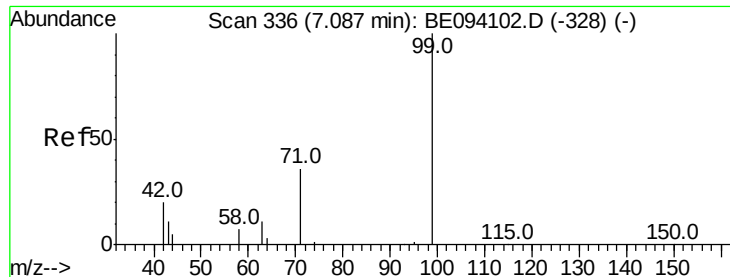
2-Fluorophenol
Concen: 0.705 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion: 112 Resp: 3681
Ion Ratio Lower Upper
112 100
64 76.2 60.1 90.1
63 153.0 116.8 175.2



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





#5

Phenol-d6

Concen: 0.732 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

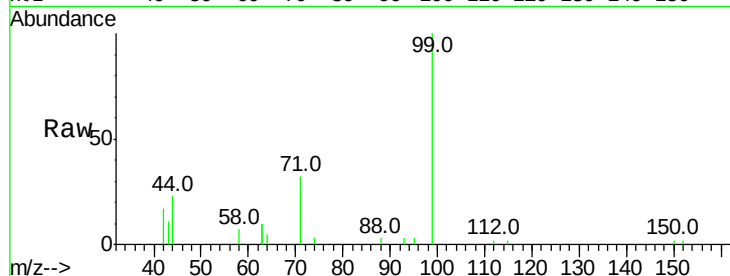
Tot Ion: 99 Resp: 5309

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

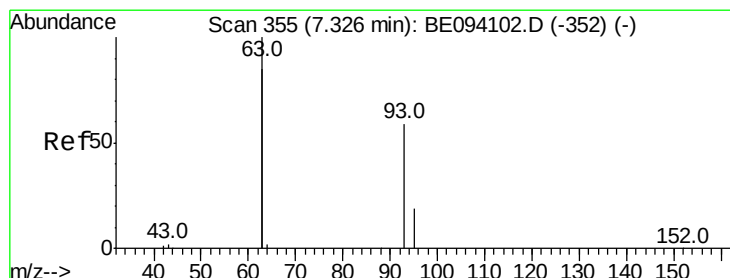
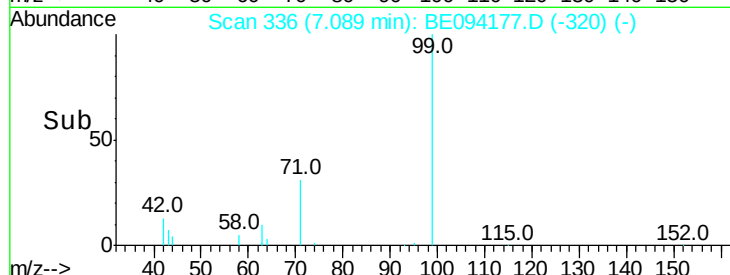
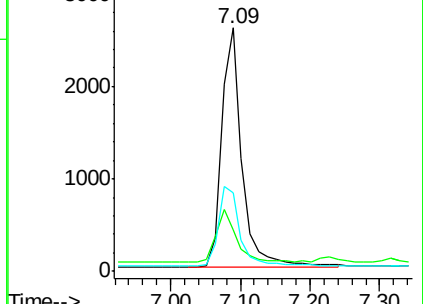
71 35.9 28.4 42.6



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: 0.768 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

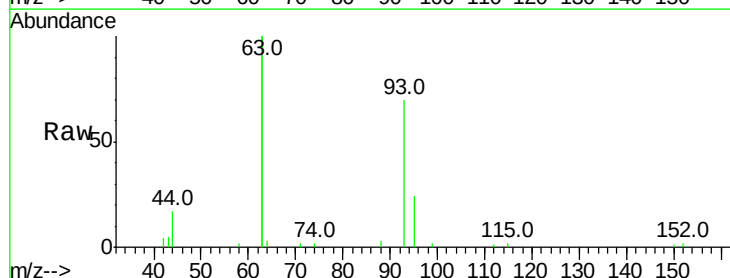
Tgt Ion: 93 Resp: 4317

Ion Ratio Lower Upper

93 100

63 357.6 275.3 412.9

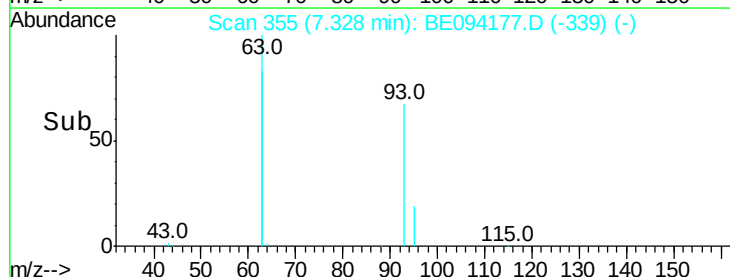
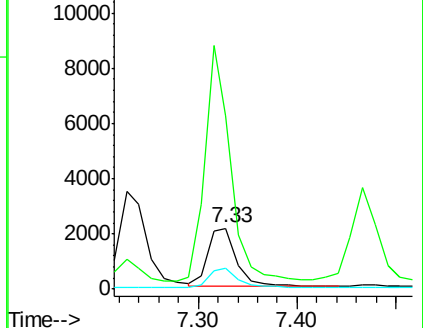
95 32.1 25.2 37.8

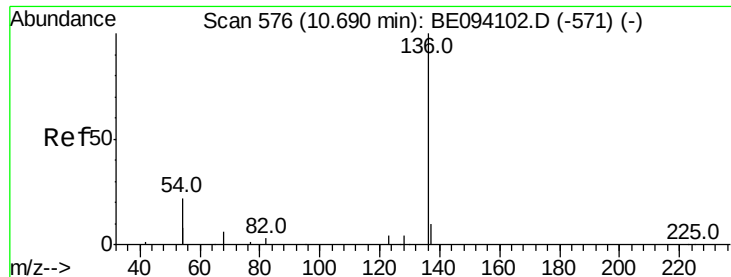


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 6845

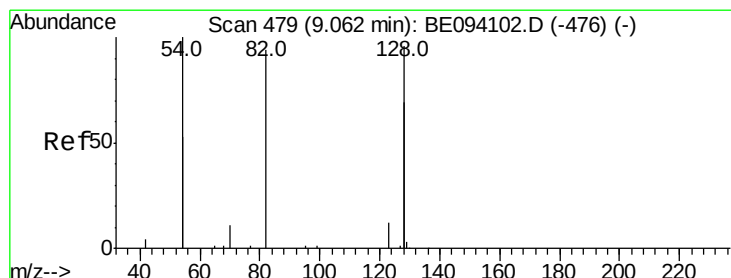
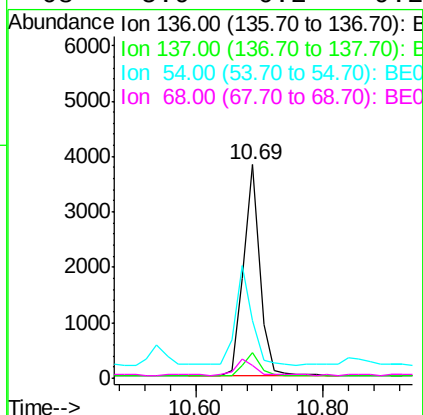
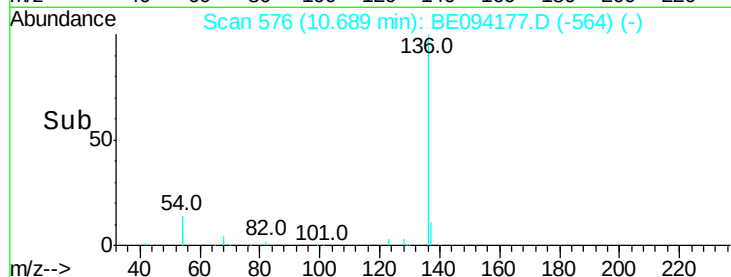
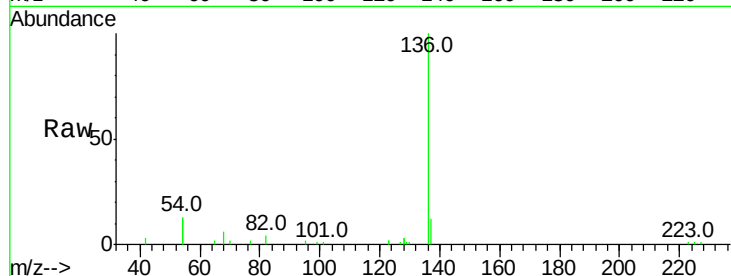
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 26.8 29.1 43.7#

68 5.9 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.688 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

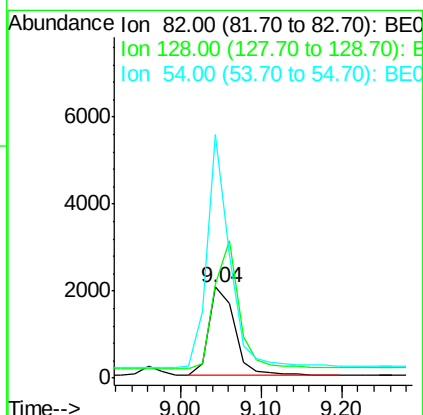
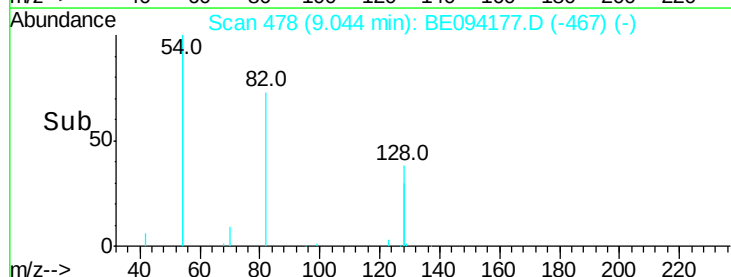
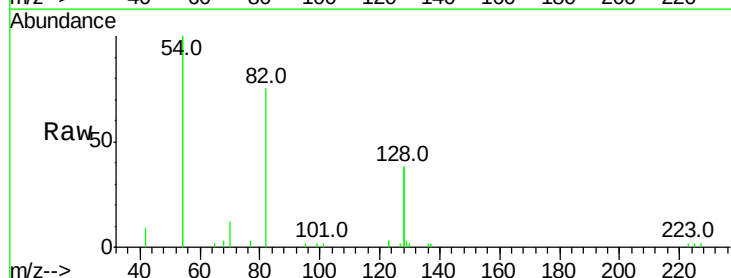
Tgt Ion: 82 Resp: 4555

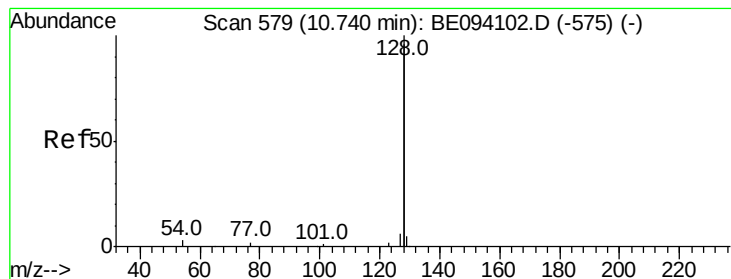
Ion Ratio Lower Upper

82 100

128 102.5 150.0 225.0#

54 267.6 154.2 231.4#





#9

Naphthalene

Concen: 0.789 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

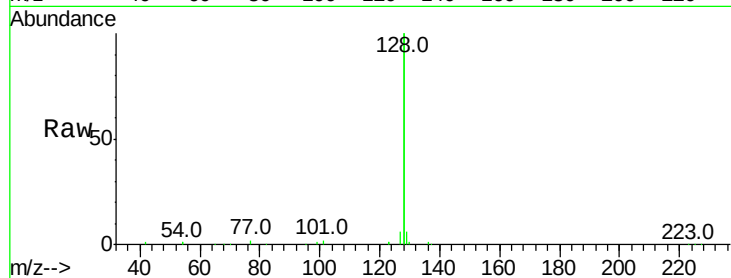
Tot Ion:128 Resp: 61003

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

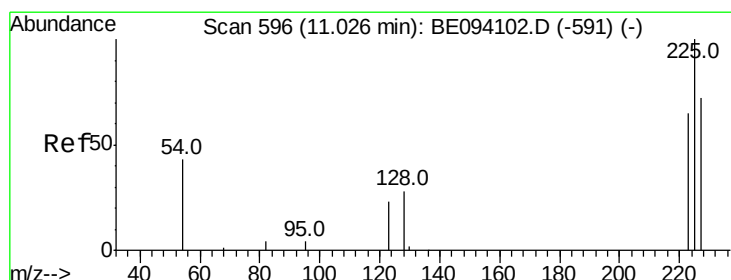
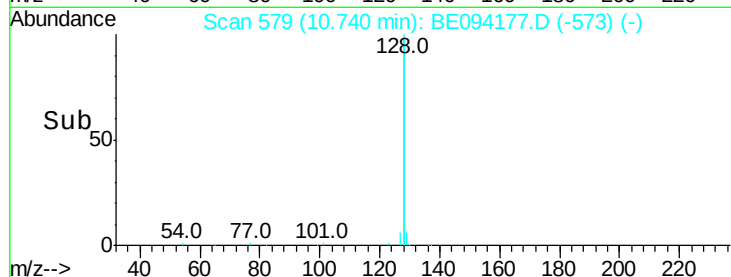
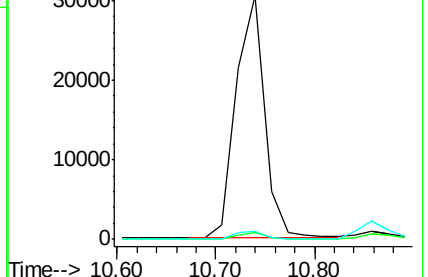
127 3.2 2.8 4.2



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: 0.777 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

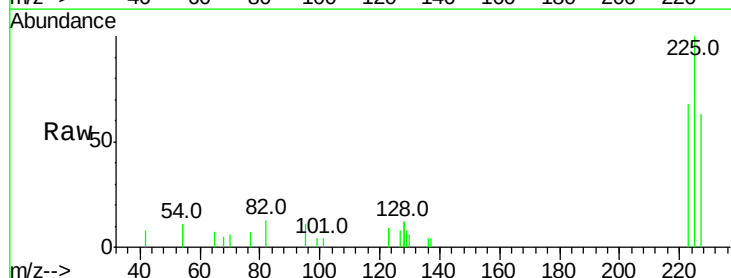
Tgt Ion:225 Resp: 2252

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

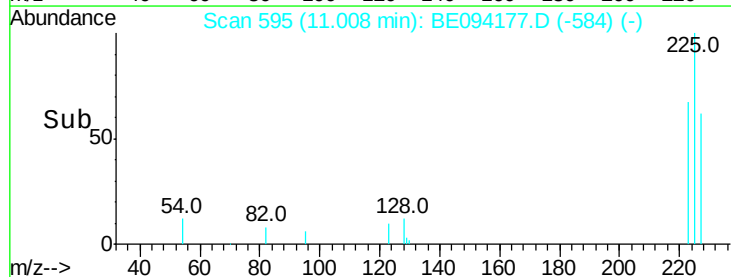
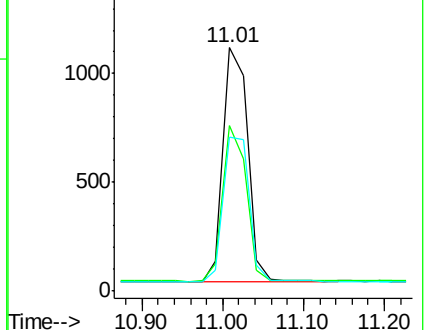
227 65.2 51.4 77.2

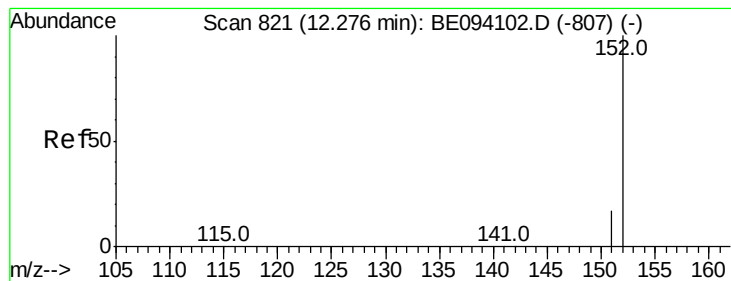


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.802 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampled :

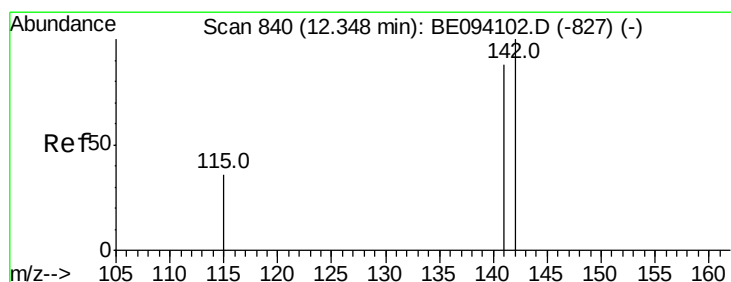
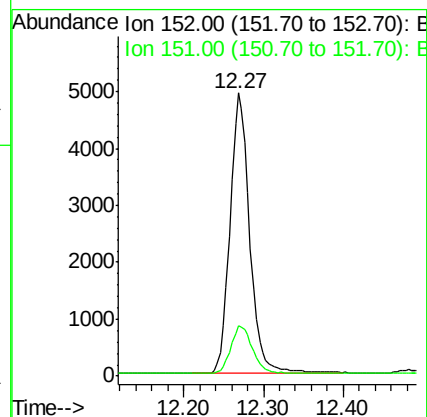
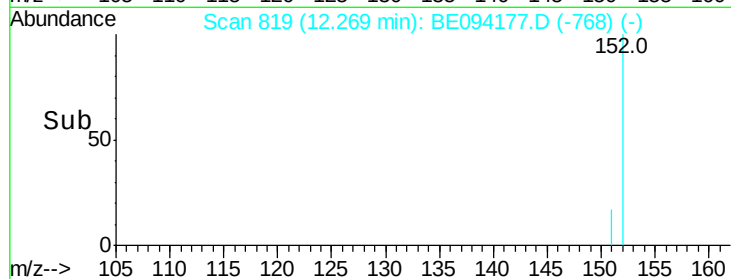
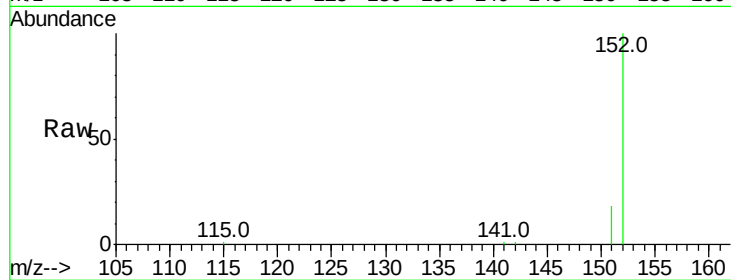
SSTDIC0.8

Tot Ion:152 Resp: 8464

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.815 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

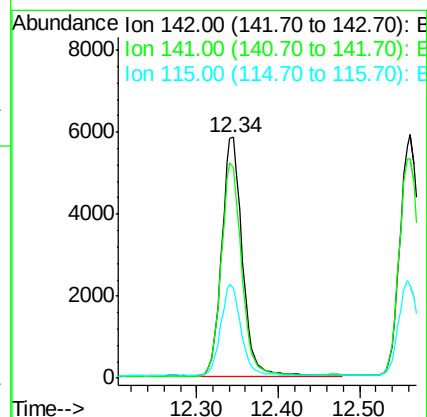
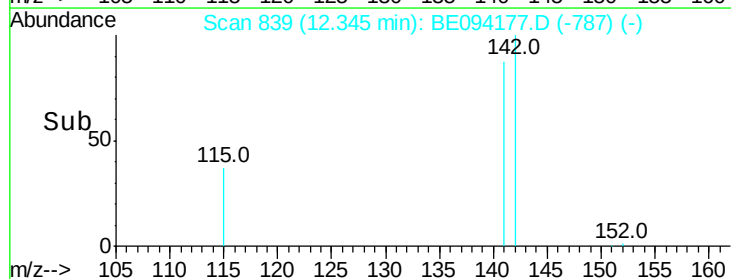
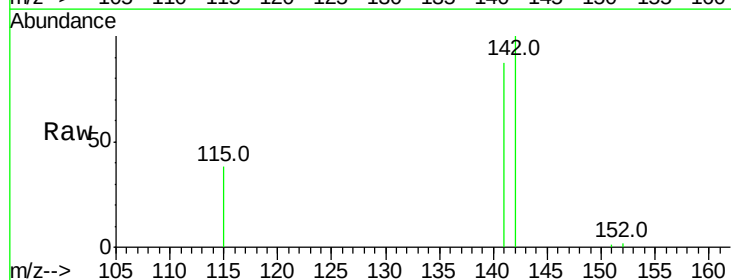
Tgt Ion:142 Resp: 10193

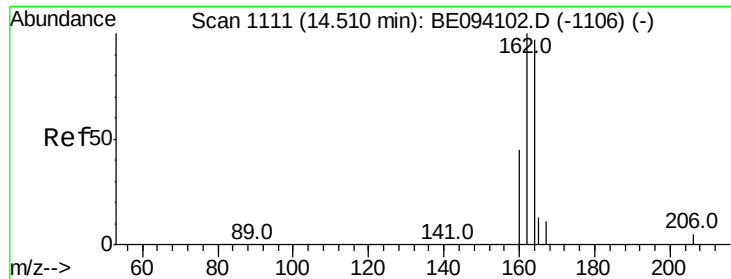
Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6

115 37.6 31.7 47.5

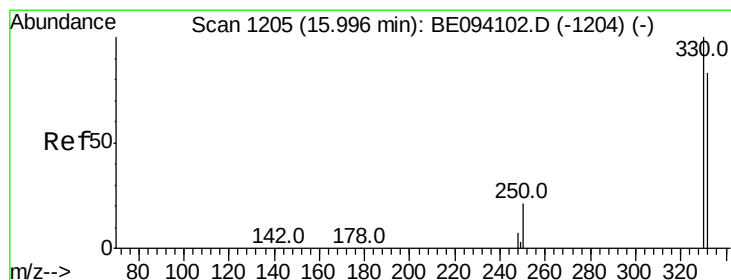
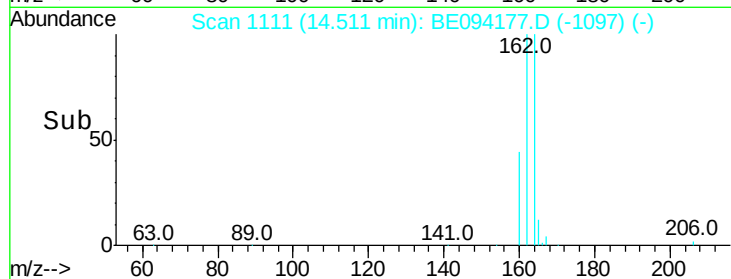
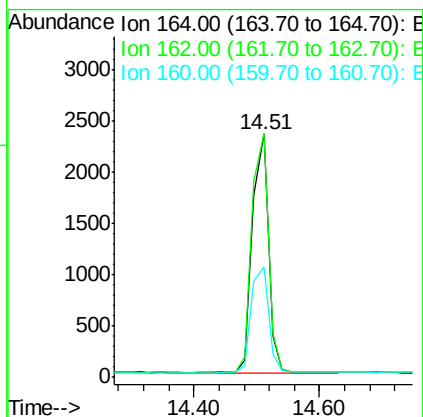
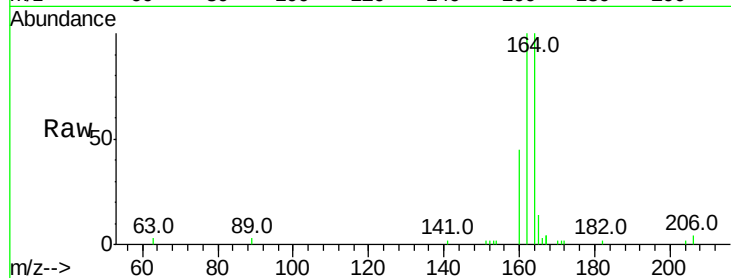




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

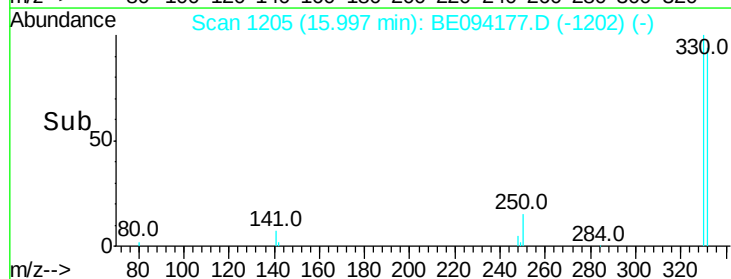
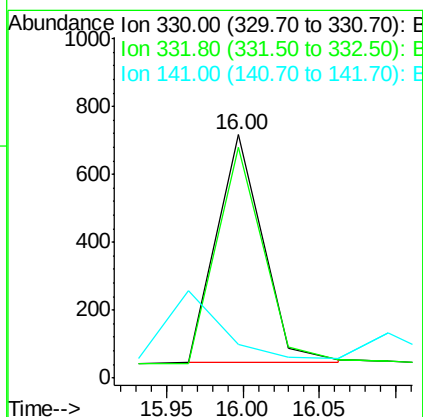
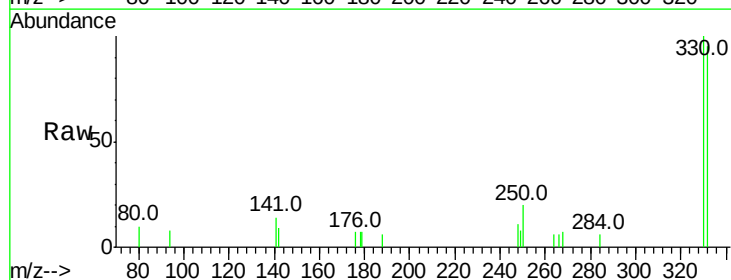
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

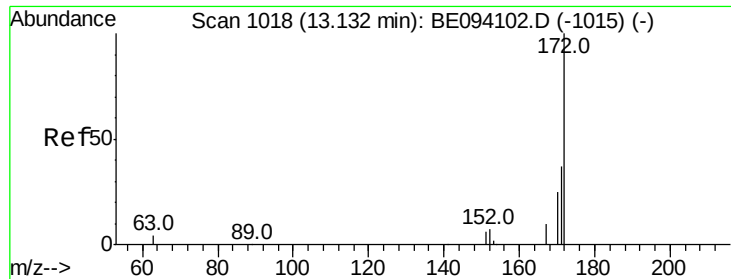
Tot Ion:164 Resp: 4083
Ion Ratio Lower Upper
164 100
162 100.2 83.1 124.7
160 45.4 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.540 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:330 Resp: 1412
Ion Ratio Lower Upper
330 100
332 96.0 152.7 229.1#
141 0.0 33.7 50.5#

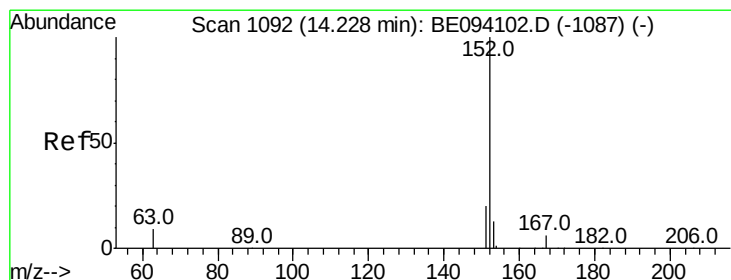
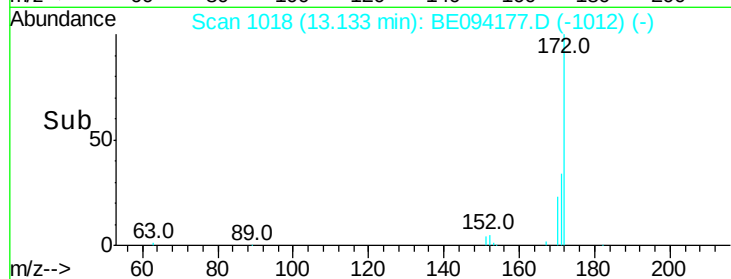
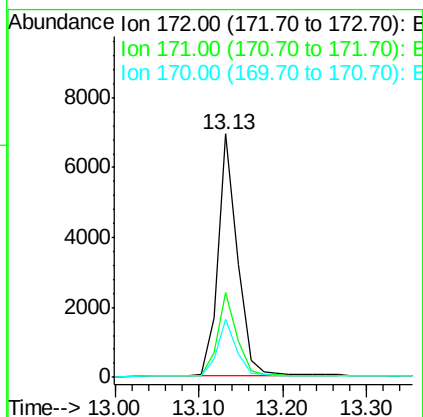
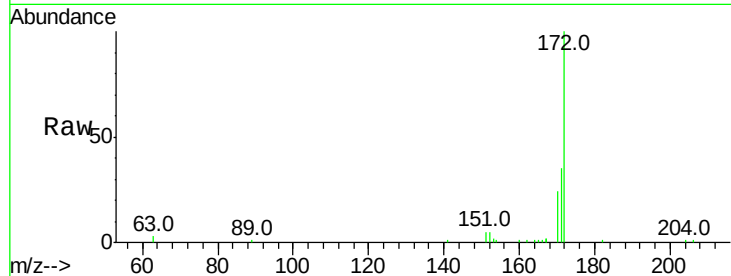




#15
2-Fluorobiphenyl
Concen: 0.830 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

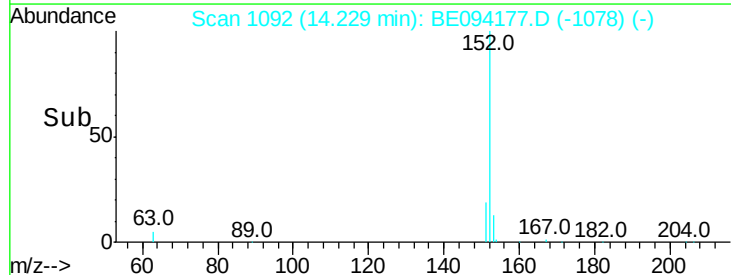
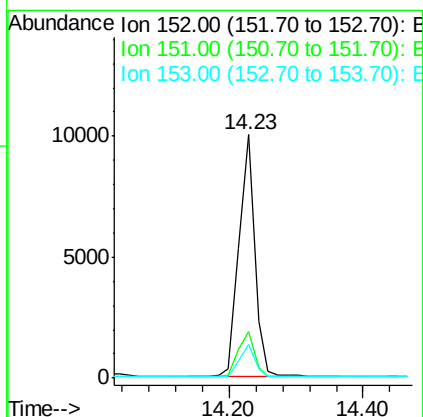
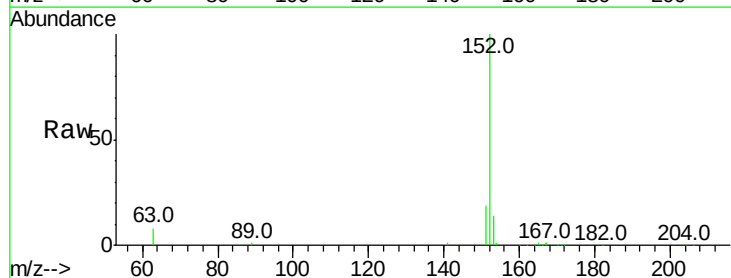
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

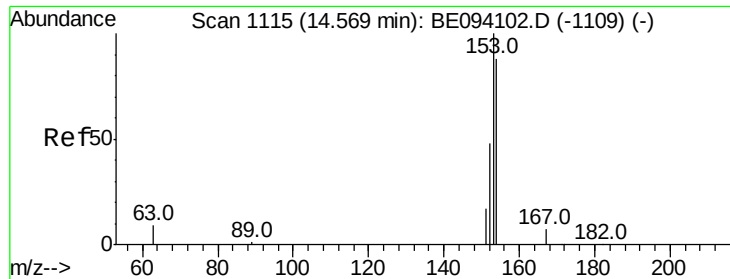
Tot Ion:172 Resp: 11204
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.809 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:152 Resp: 16565
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.856 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

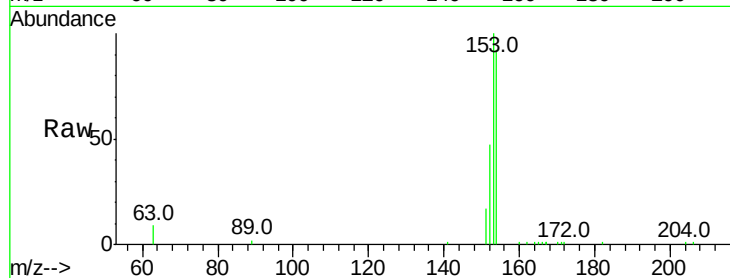
Tot Ion:154 Resp: 10951

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

152 54.6 42.0 63.0

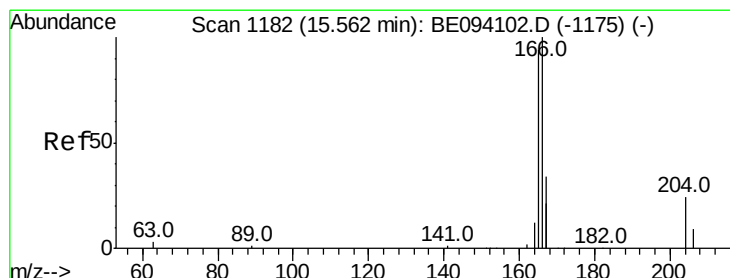
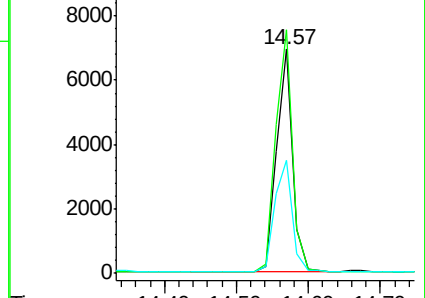
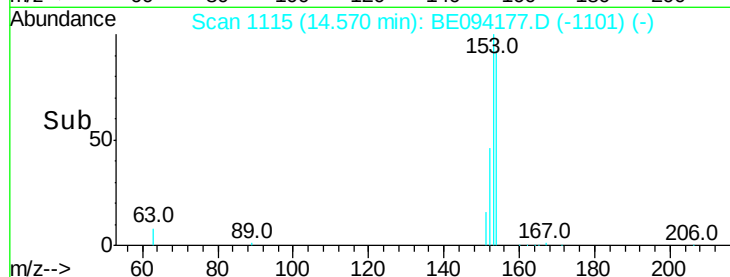


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#18

Fluorene

Concen: 0.835 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

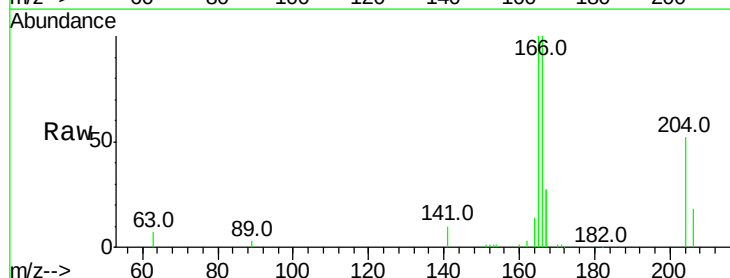
Tgt Ion:166 Resp: 14493

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 54.6 42.4 63.6

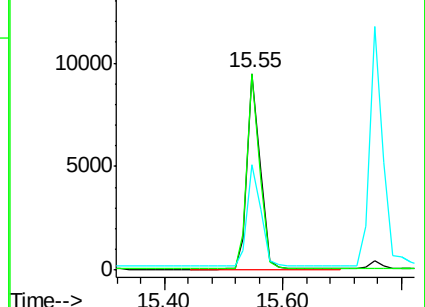
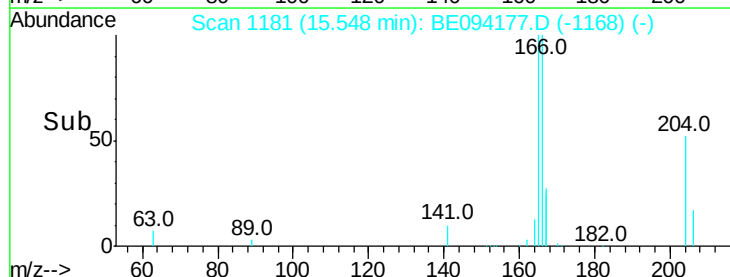


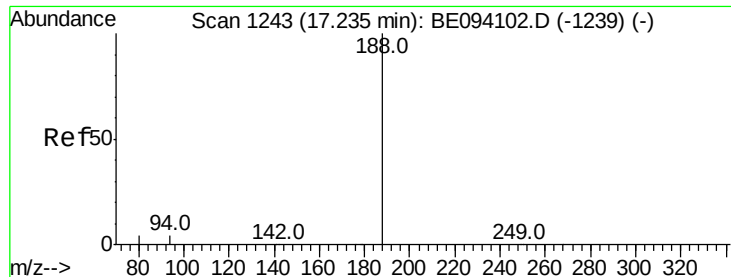
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

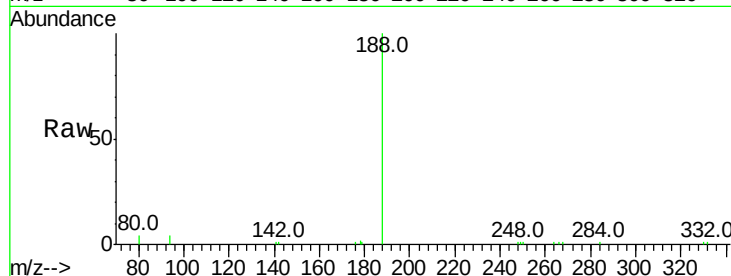
Tot Ion:188 Resp: 11564

Ion Ratio Lower Upper

188 100

94 3.9 3.9 5.9

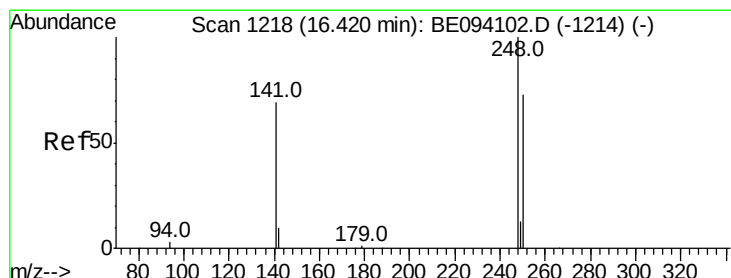
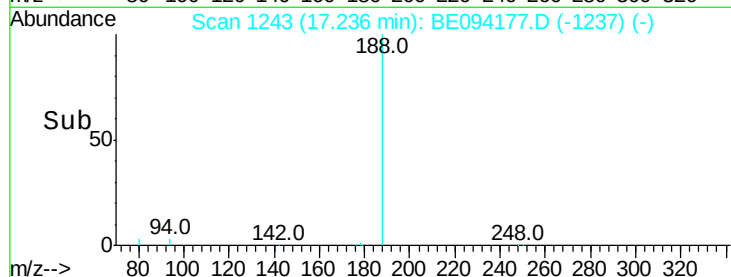
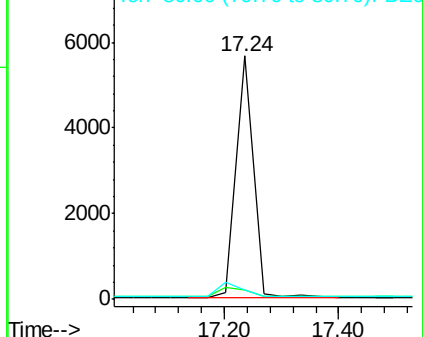
80 3.7 3.6 5.4



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: 1.154 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

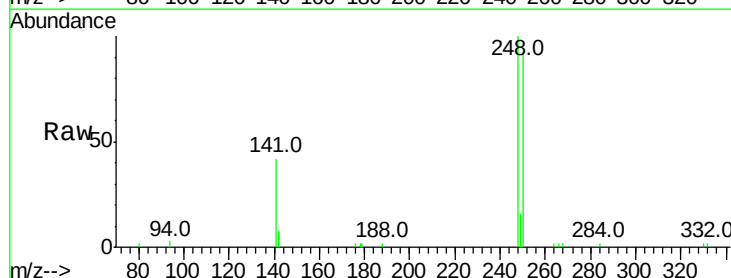
Tgt Ion:248 Resp: 5476

Ion Ratio Lower Upper

248 100

250 93.1 62.7 94.1

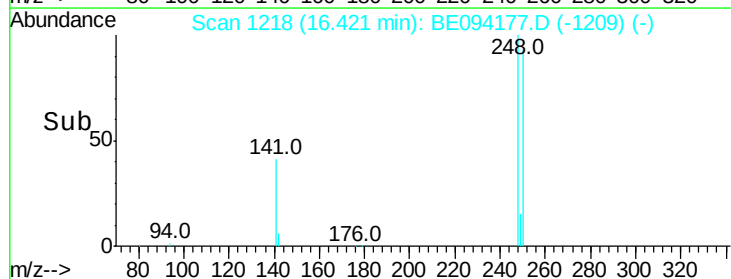
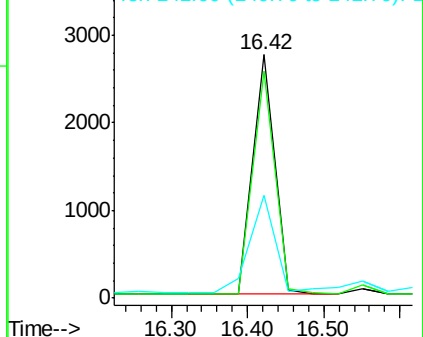
141 42.4 48.2 72.2#

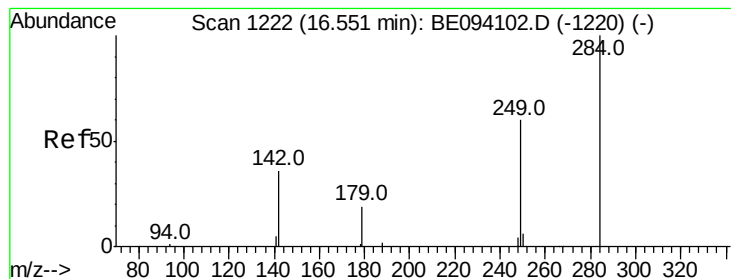


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.677 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

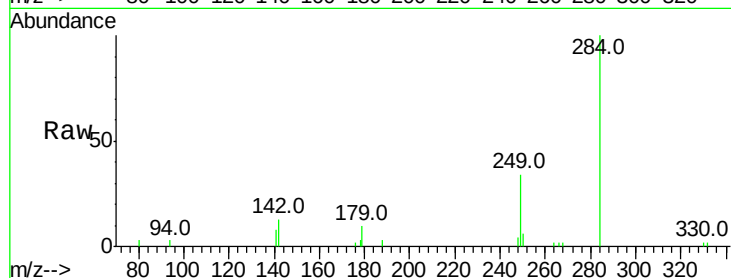
Tot Ion:284 Resp: 5022

Ion Ratio Lower Upper

284 100

142 21.0 22.1 33.1#

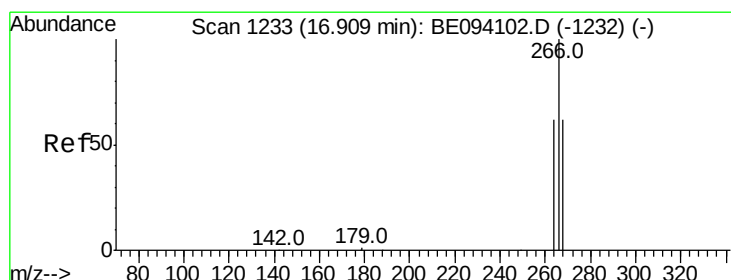
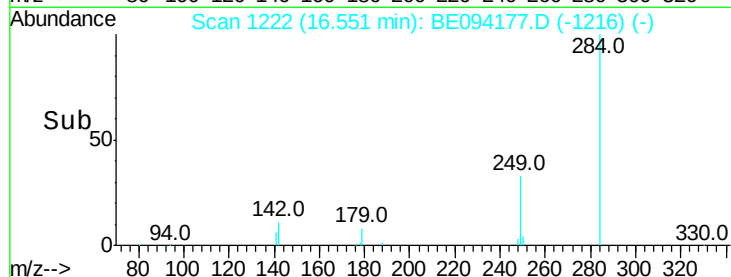
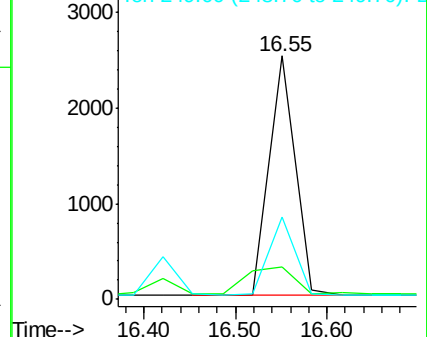
249 32.2 34.8 52.2#



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: 0.472 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

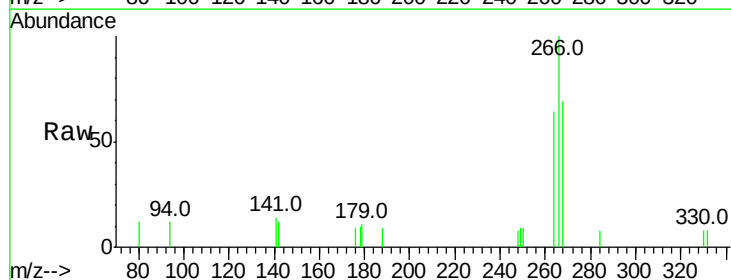
Tgt Ion:266 Resp: 1295

Ion Ratio Lower Upper

266 100

264 64.2 72.5 108.7#

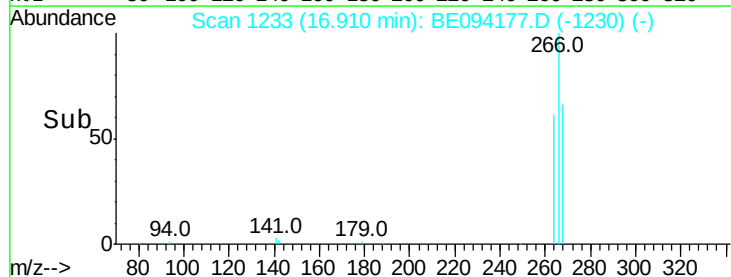
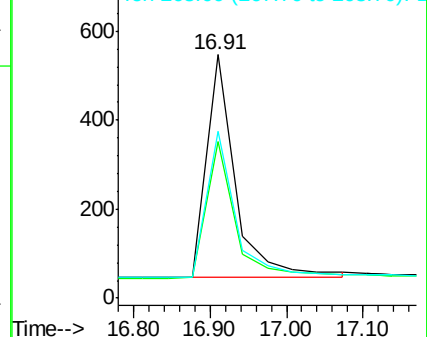
268 68.6 73.8 110.6#

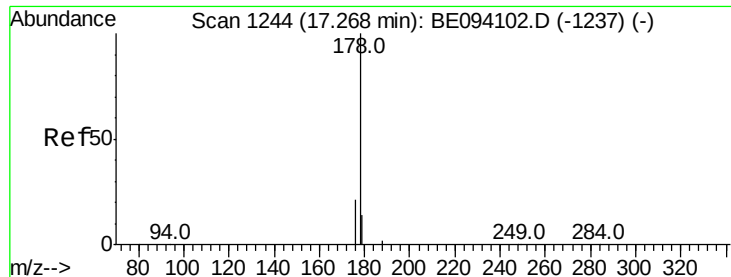


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.134 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

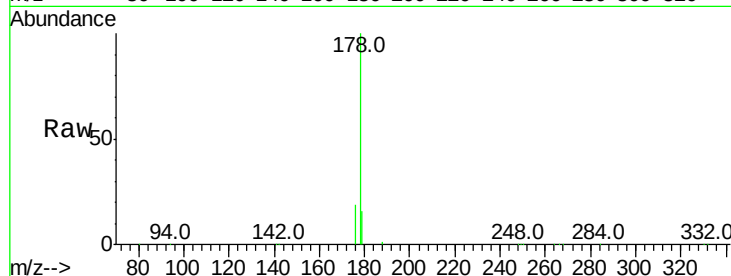
Tot Ion:178 Resp: 33551

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

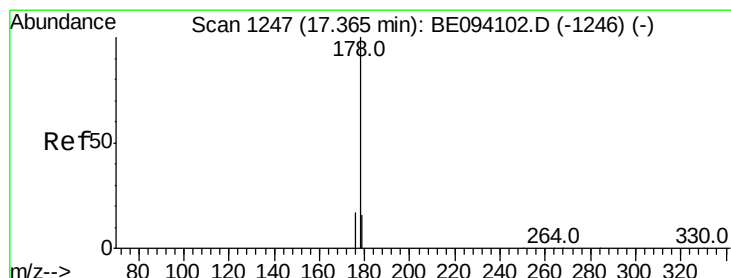
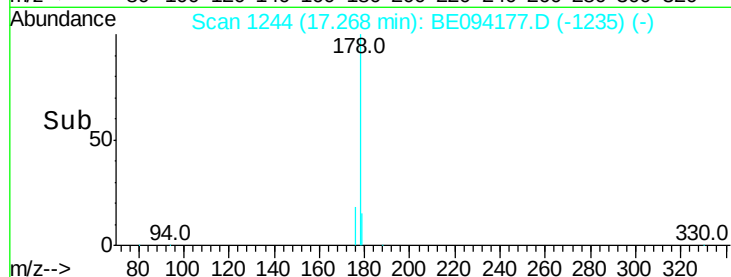
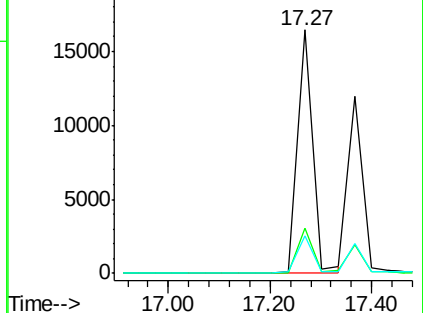
179 15.2 11.8 17.6



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: 0.779 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

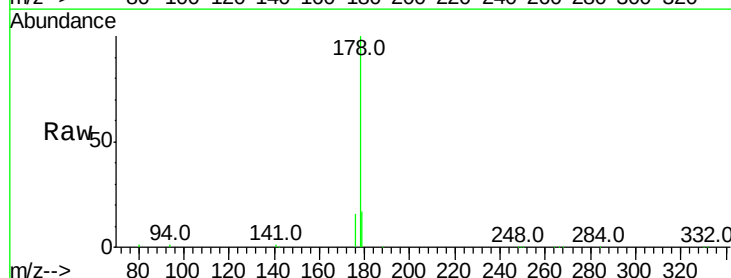
Tgt Ion:178 Resp: 24182

Ion Ratio Lower Upper

178 100

176 15.7 12.8 19.2

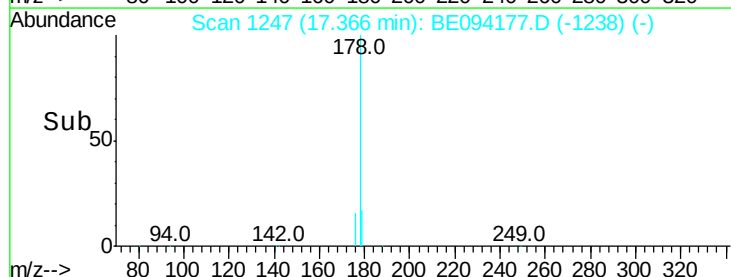
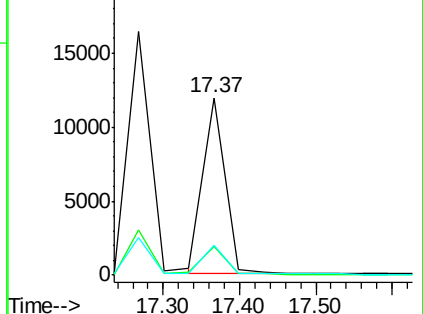
179 16.7 13.0 19.6

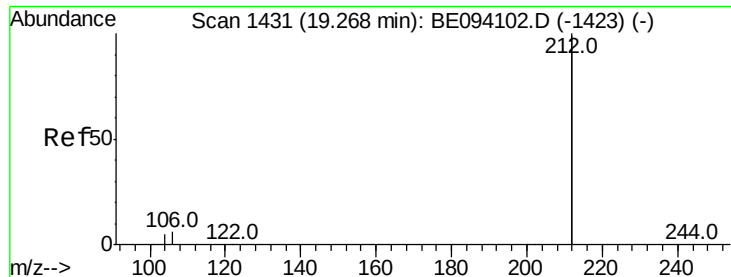


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

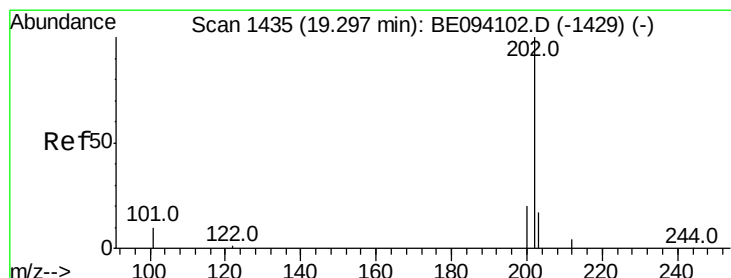
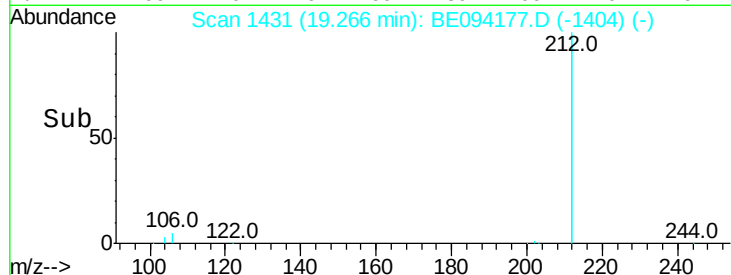
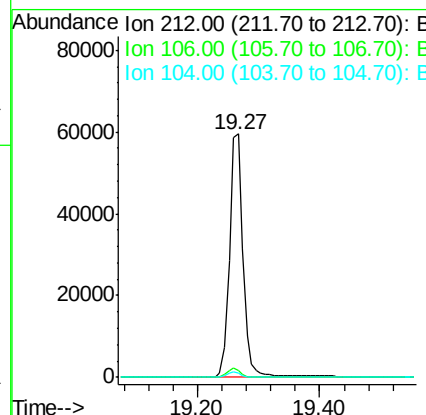
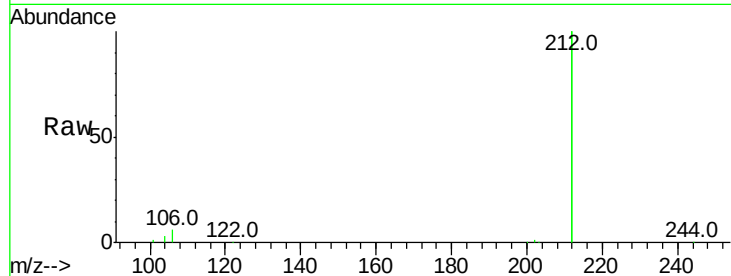




#25
 Fluoranthene-d10
 Concen: 0.810 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE094177.D
 Acq: 6 Oct 2017 13:16

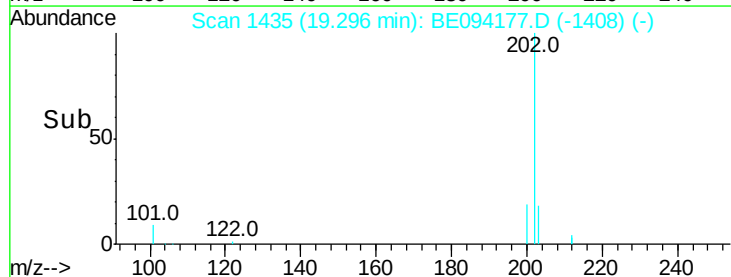
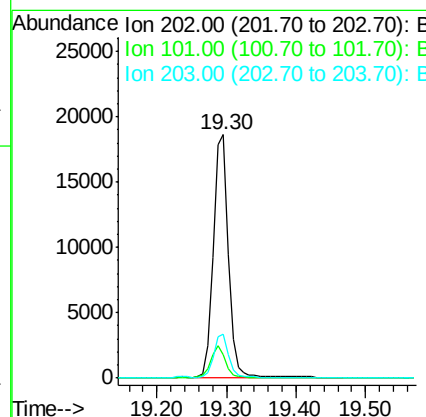
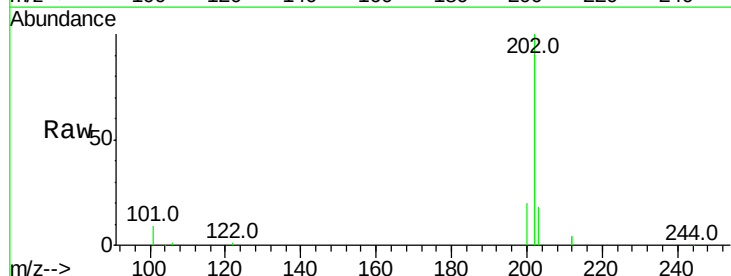
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

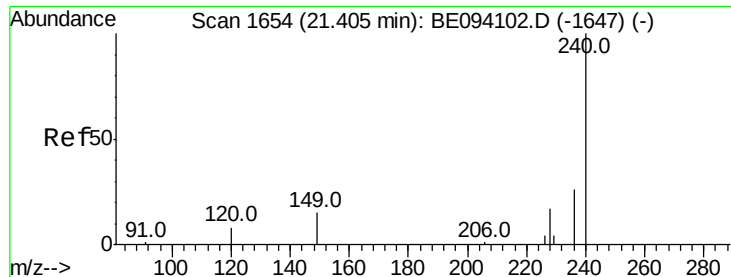
Tot Ion:212 Resp: 90723
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.837 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE094177.D
 Acq: 6 Oct 2017 13:16

Tgt Ion:202 Resp: 27747
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.8
 203 17.3 13.7 20.5

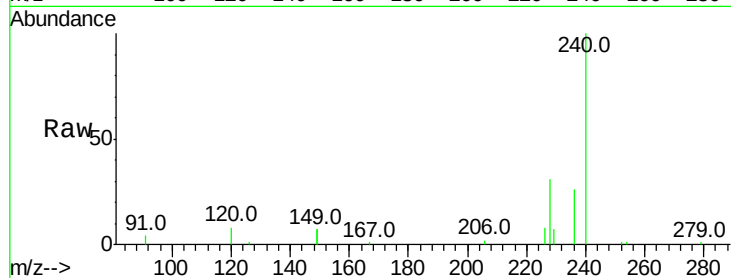




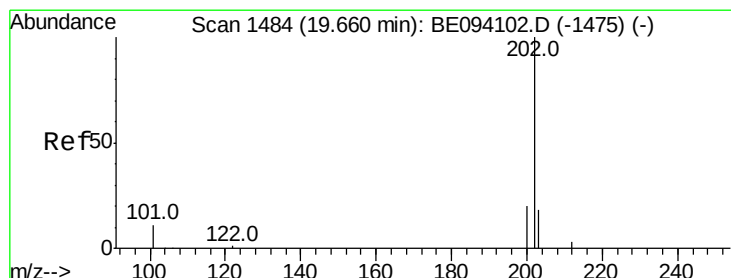
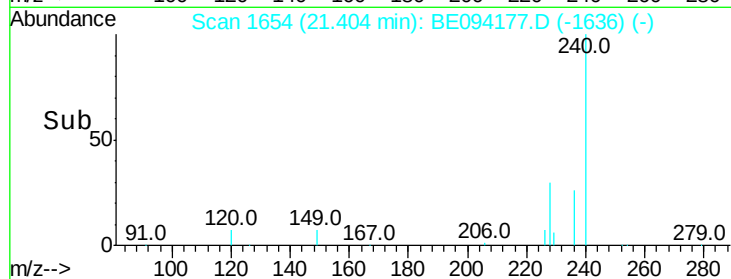
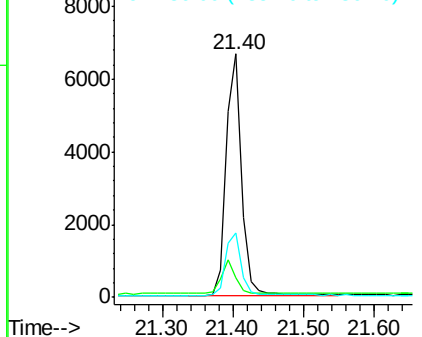
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:240 Resp: 10274
Ion Ratio Lower Upper
240 100
120 8.0 5.5 8.3
236 26.4 20.7 31.1

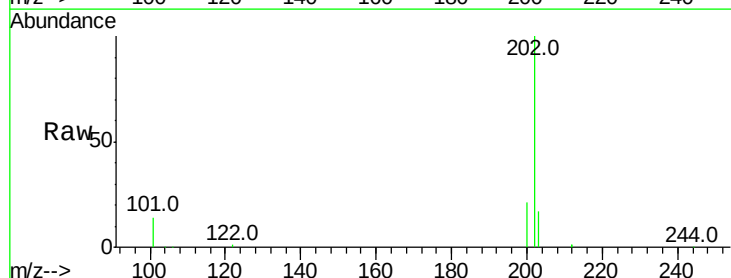


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

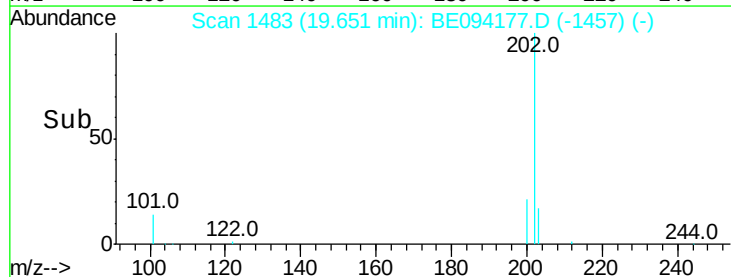
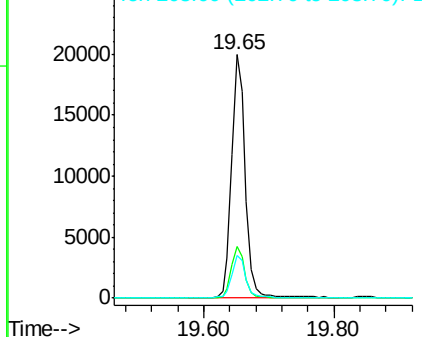


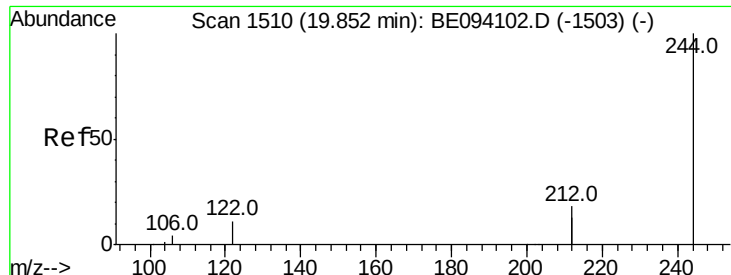
#28
Pyrene
Concen: 0.879 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:202 Resp: 28604
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.5 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: 0.836 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

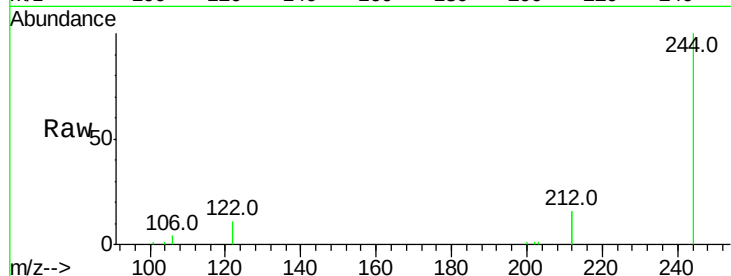
Tot Ion:244 Resp: 15680

Ion Ratio Lower Upper

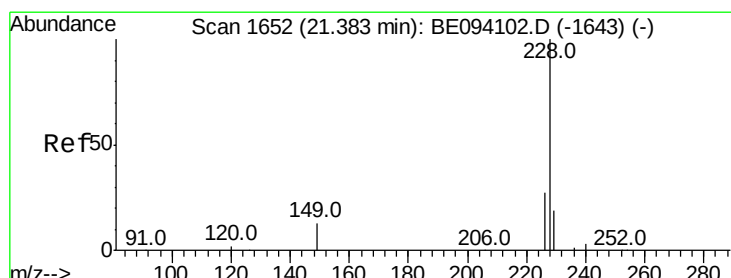
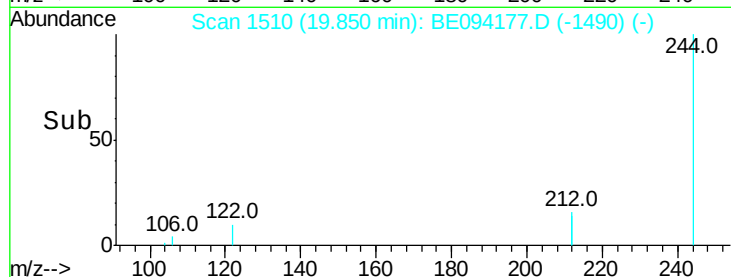
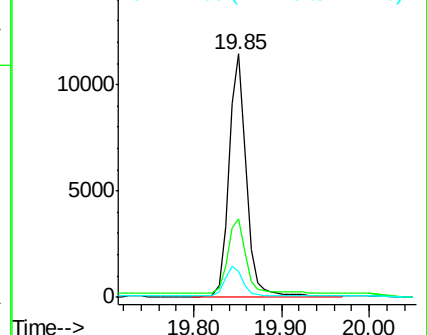
244 100

212 32.3 25.4 38.0

122 10.8 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: 0.775 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

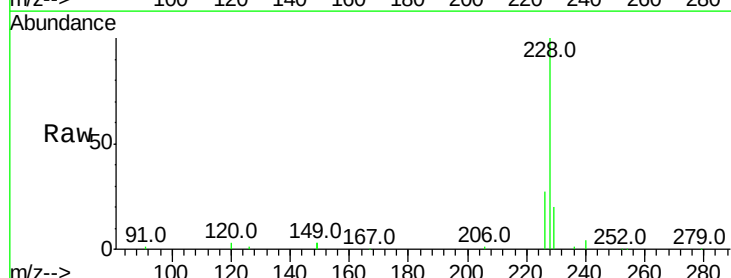
Tgt Ion:228 Resp: 26824

Ion Ratio Lower Upper

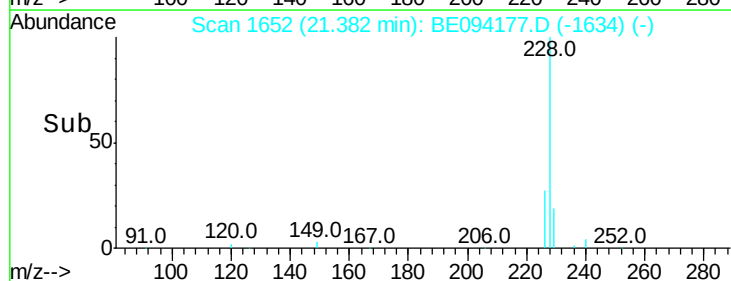
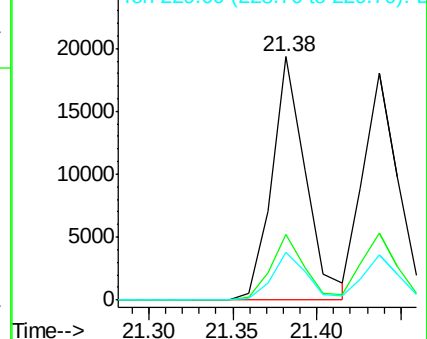
228 100

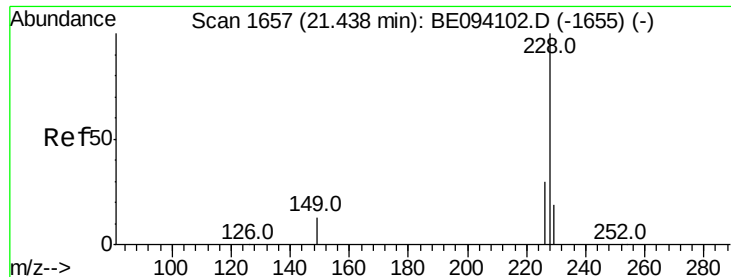
226 26.7 21.4 32.0

229 19.6 16.4 24.6



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: 0.794 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

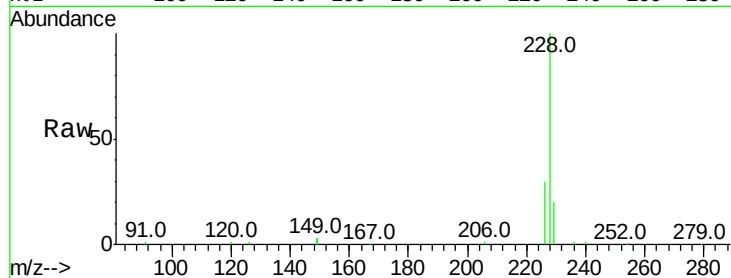
Tot Ion:228 Resp: 26505

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

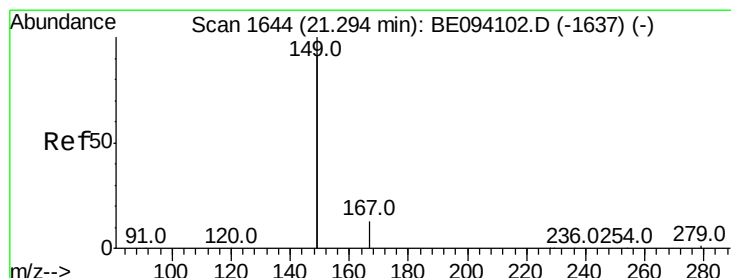
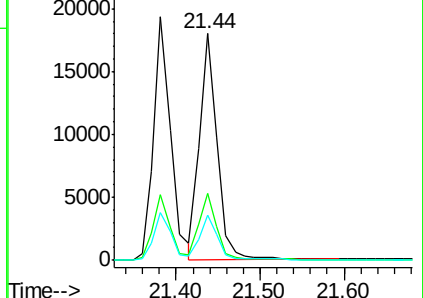
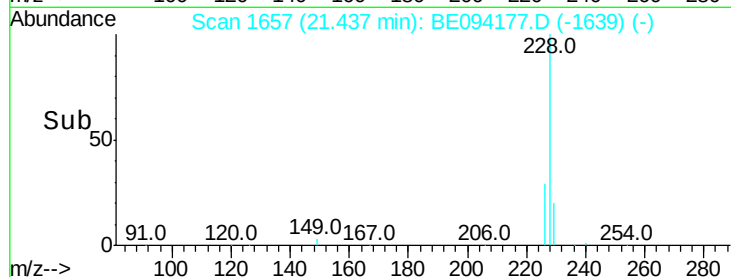
229 19.8 16.4 24.6



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: 0.356 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

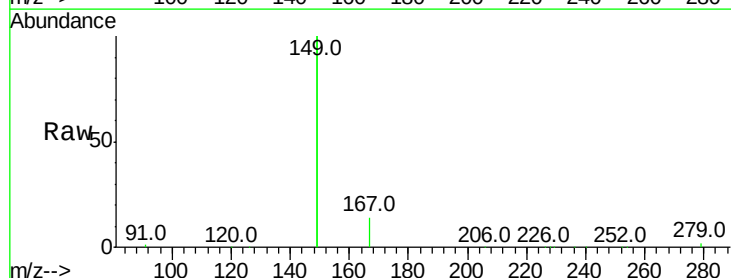
Tgt Ion:149 Resp: 58942

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

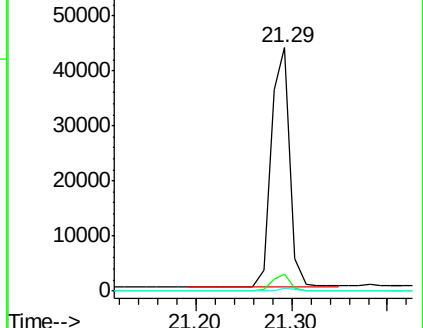
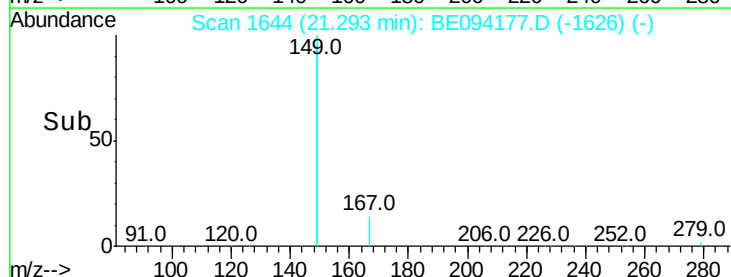
279 0.9 0.7 1.1

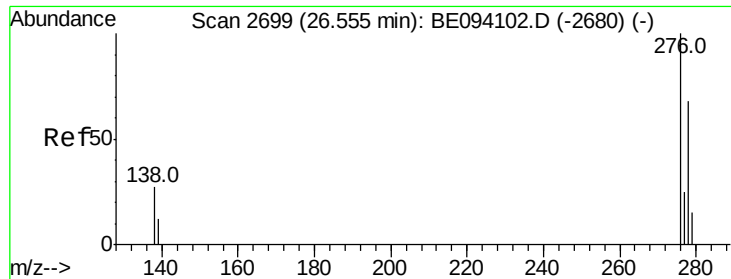


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

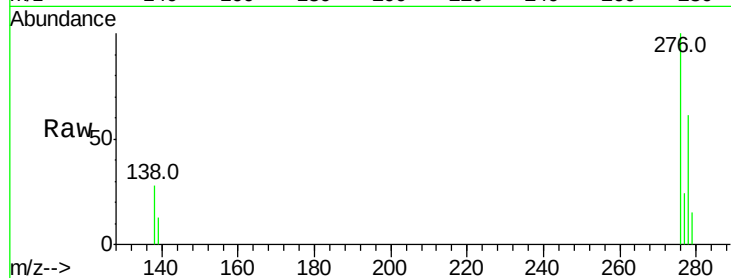




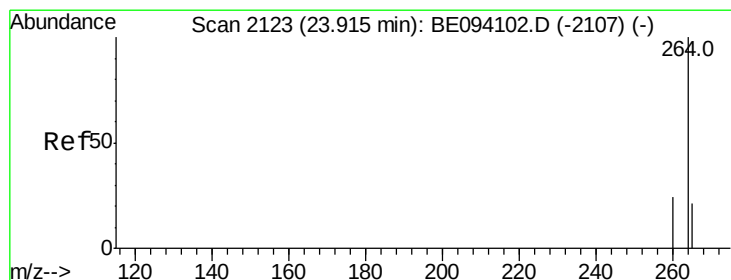
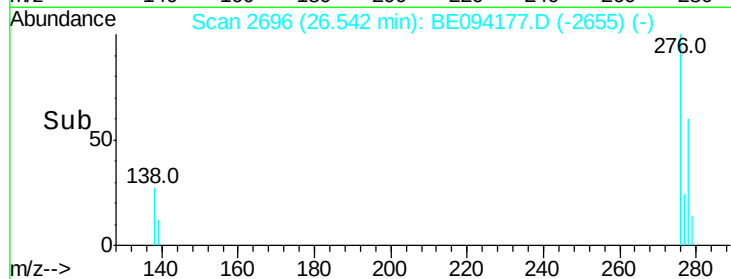
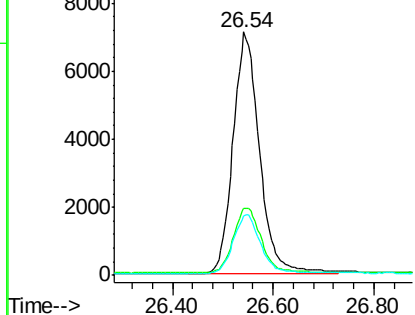
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.730 ng
 RT: 26.54 min Scan# 2696
 Delta R.T. -0.01 min
 Lab File: BE094177.D
 Acq: 6 Oct 2017 13:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:276 Resp: 26067
 Ion Ratio Lower Upper
 276 100
 138 27.8 22.5 33.7
 277 25.1 19.9 29.9

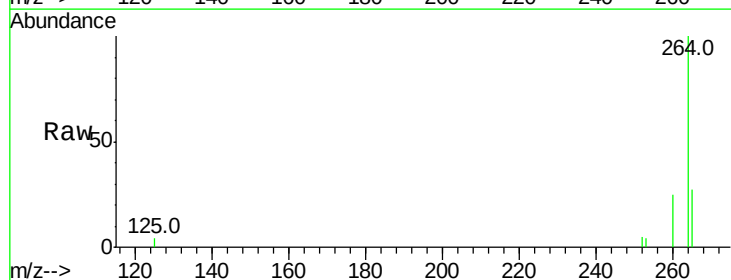


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

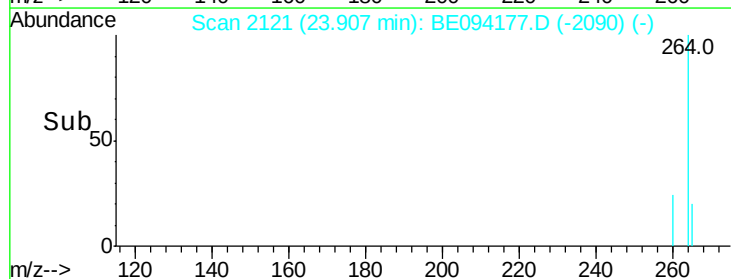
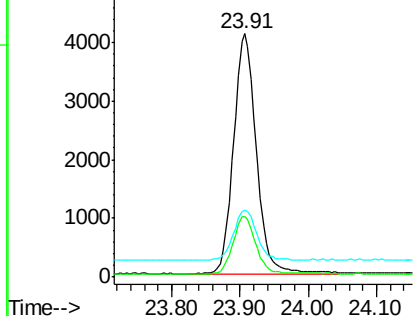


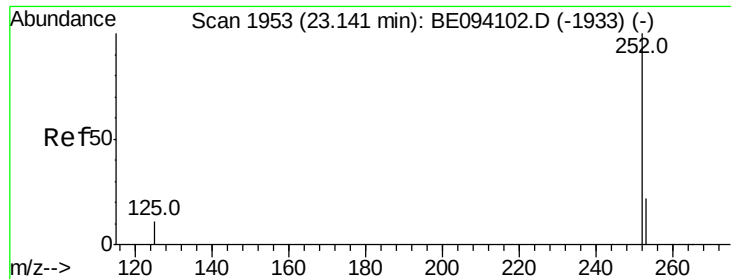
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE094177.D
 Acq: 6 Oct 2017 13:16

Tgt Ion:264 Resp: 9444
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.5 30.7
 265 27.3 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: 0.750 ng

RT: 23.13 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

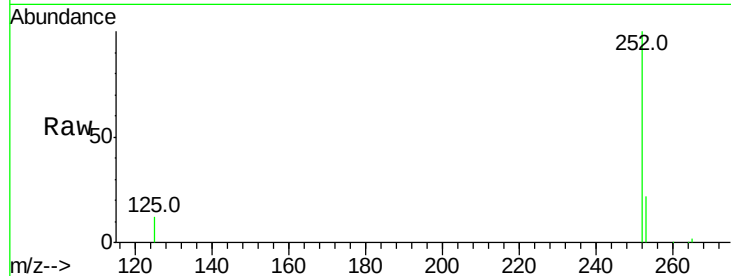
Tot Ion:252 Resp: 25556

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

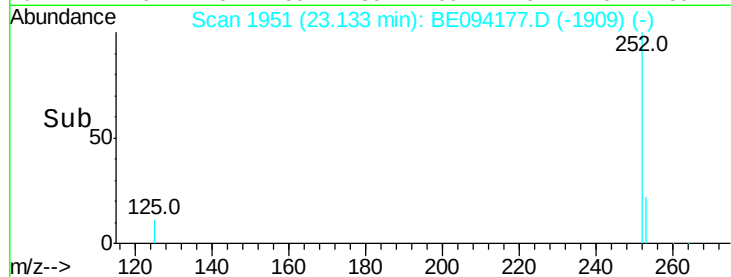
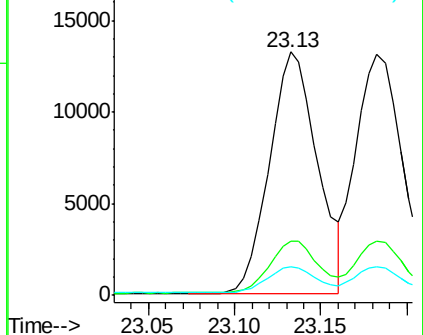
125 11.7 10.1 15.1



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: 0.784 ng

RT: 23.18 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

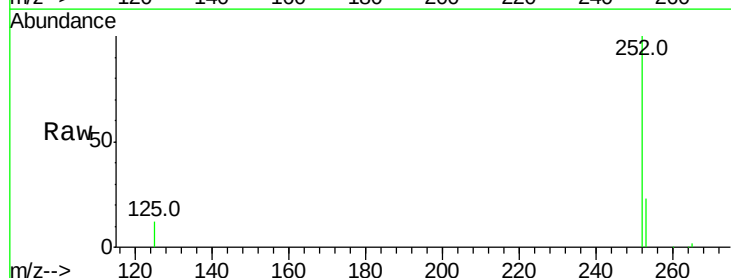
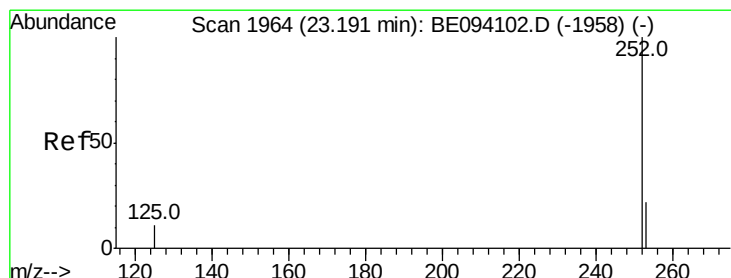
Tgt Ion:252 Resp: 25564

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

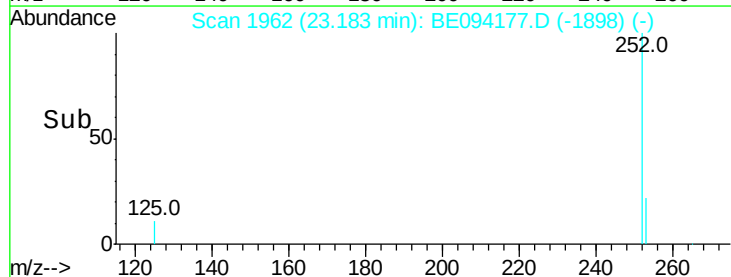
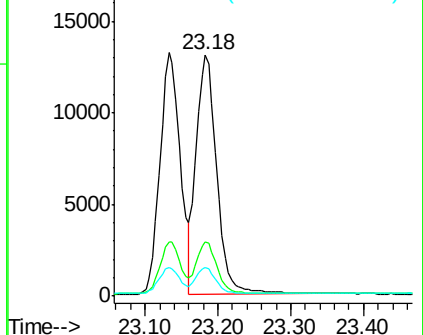
125 11.6 10.7 16.1

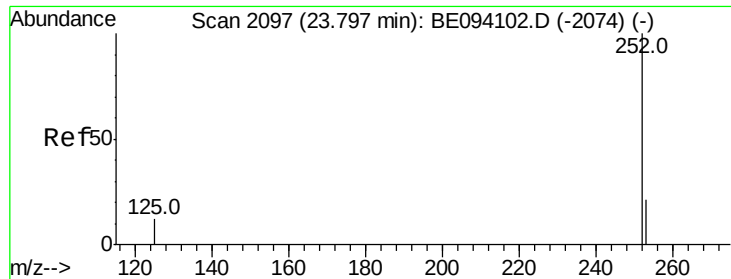


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.781 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

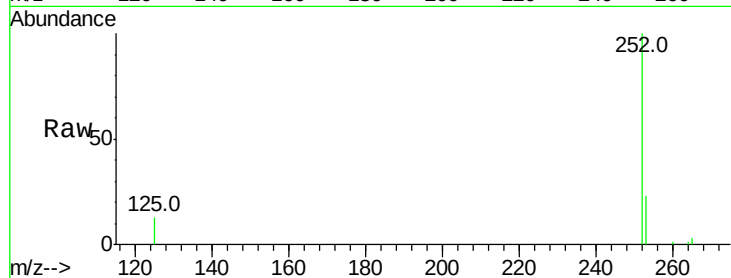
Tot Ion:252 Resp: 24060

Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.6

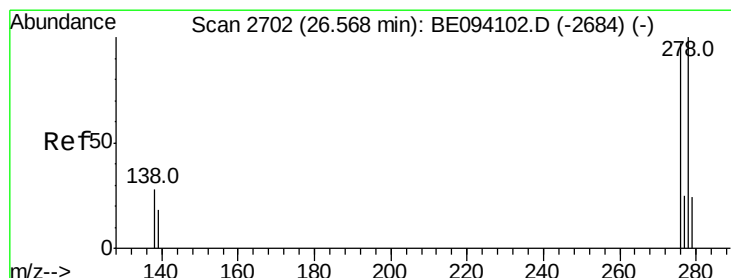
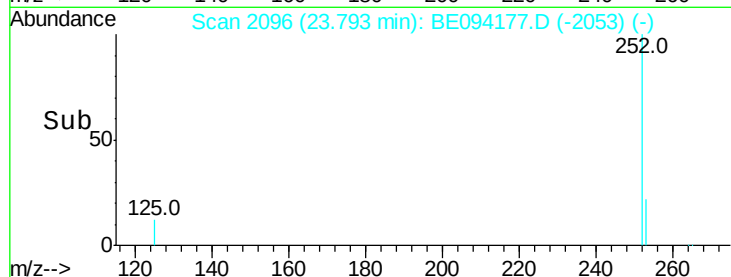
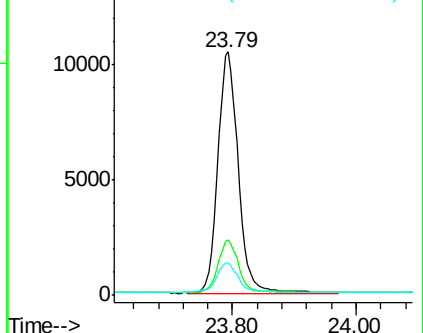
125 13.4 11.8 17.8



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: 0.760 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

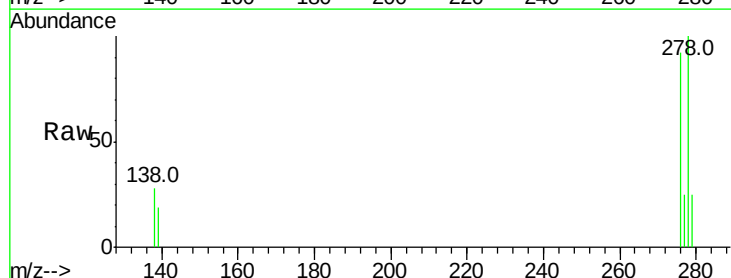
Tgt Ion:278 Resp: 22157

Ion Ratio Lower Upper

278 100

139 19.1 16.3 24.5

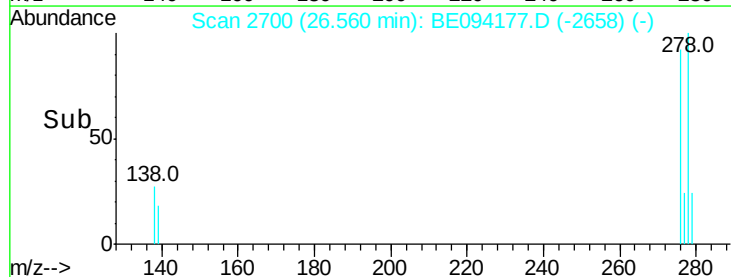
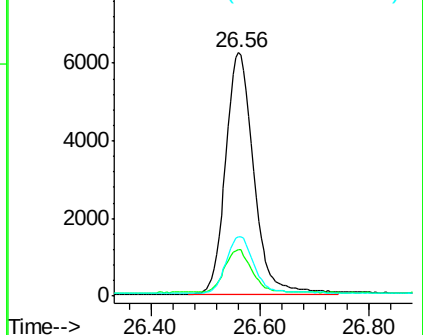
279 24.5 19.9 29.9

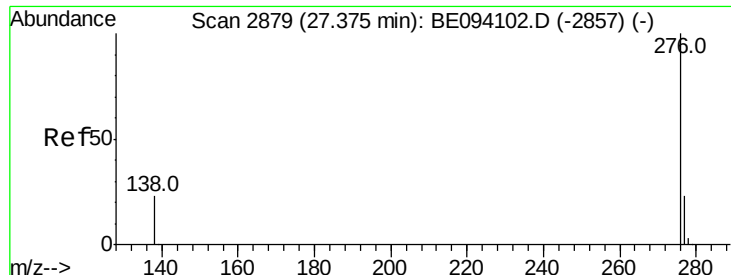


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.784 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BE094177.D

Acq: 6 Oct 2017 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

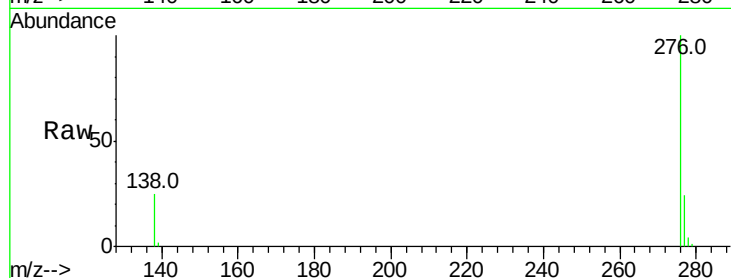
Tot Ion:276 Resp: 22637

Ion Ratio Lower Upper

276 100

277 23.8 20.8 31.2

138 25.2 21.5 32.3



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

