

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098183.D
 Acq On : 12 Nov 2018 9:53
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 12 11:41:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 11:35:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1072	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5119	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3398	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8347	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9475	0.40	ng	0.00
34) Perylene-d12	24.01	264	9287	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	324	0.10	ng	0.00
5) Phenol-d6	7.04	99	523	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	489	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	928	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	165	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1675	0.12	ng	0.01
25) Fluoranthene-d10	19.31	212	10610	0.10	ng	0.00
29) Terphenyl-d14	19.91	244	2404	0.11	ng	0.00

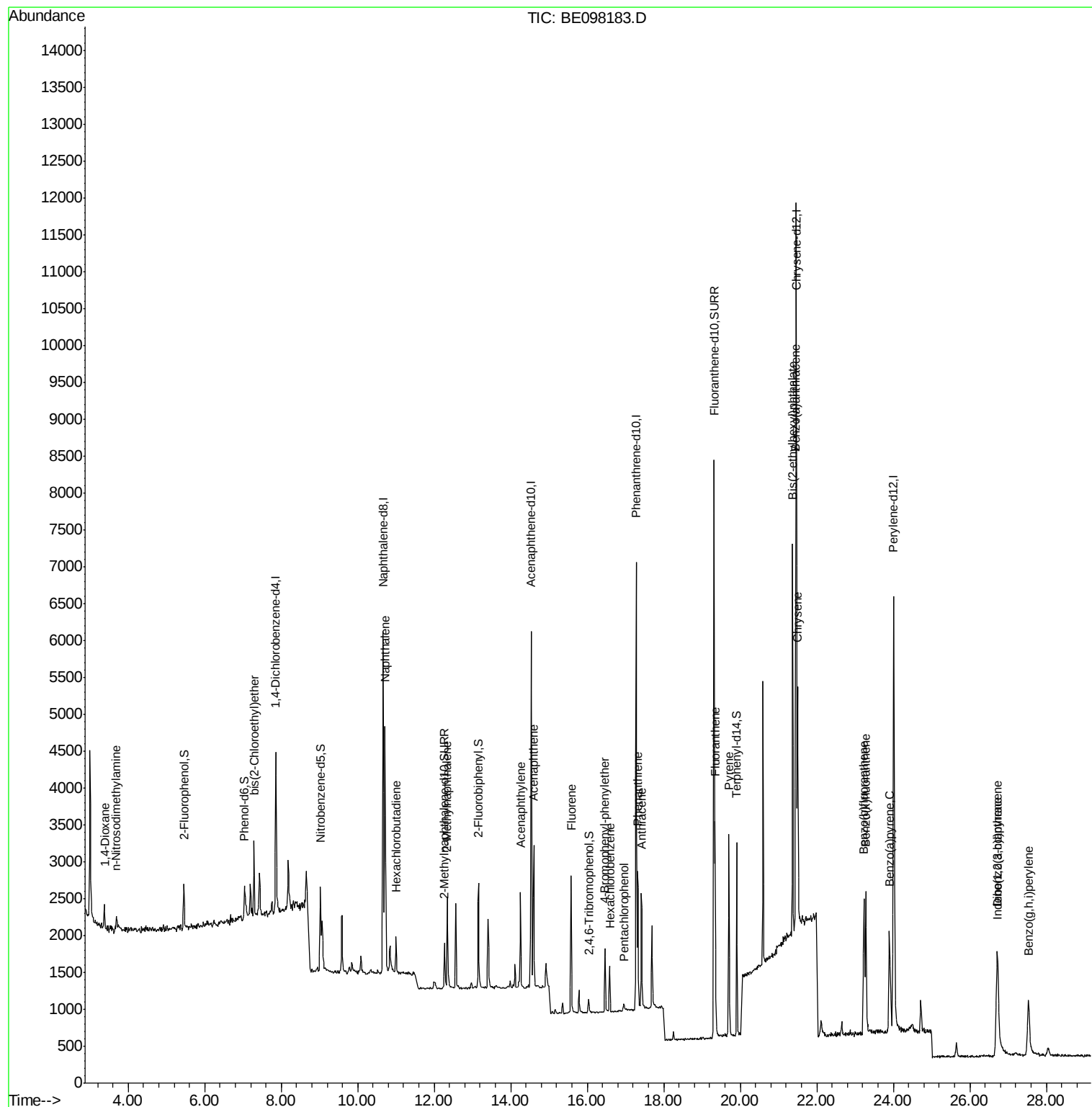
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	233	0.146	ng	# 72
3) n-Nitrosodimethylamine	3.69	42	188	0.088	ng	# 91
6) bis(2-Chloroethyl)ether	7.29	93	430	0.112	ng	# 85
9) Naphthalene	10.72	128	5503	0.108	ng	# 98
10) Hexachlorobutadiene	11.00	225	345	0.103	ng	# 98
12) 2-Methylnaphthalene	12.34	142	906	0.099	ng	# 98
16) Acenaphthylene	14.25	152	1528	0.099	ng	# 97
17) Acenaphthene	14.60	154	1019	0.109	ng	# 97
18) Fluorene	15.58	166	1234	0.100	ng	# 99
20) 4-Bromophenyl-phenylether	16.46	248	494	0.097	ng	# 91
21) Hexachlorobenzene	16.59	284	543	0.102	ng	# 94
22) Pentachlorophenol	16.97	266	82	0.069	ng	# 90
23) Phenanthrene	17.32	178	2138	0.103	ng	# 97
24) Anthracene	17.41	178	1897	0.096	ng	# 98
26) Fluoranthene	19.34	202	2585	0.100	ng	# 98
28) Pyrene	19.70	202	2774	0.107	ng	# 99
30) Benzo(a)anthracene	21.45	228	2832	0.102	ng	# 95
31) Chrysene	21.50	228	2954	0.108	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.37	149	6160	0.063	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.70	276	2464	0.086	ng	# 78
35) Benzo(b)fluoranthene	23.23	252	2715	0.104	ng	# 85
36) Benzo(k)fluoranthene	23.28	252	2860	0.106	ng	# 89
37) Benzo(a)pyrene	23.89	252	2593	0.101	ng	# 82
38) Dibenzo(a,h)anthracene	26.72	278	1935	0.081	ng	# 84
39) Benzo(g,h,i)perylene	27.53	276	2226	0.094	ng	# 84

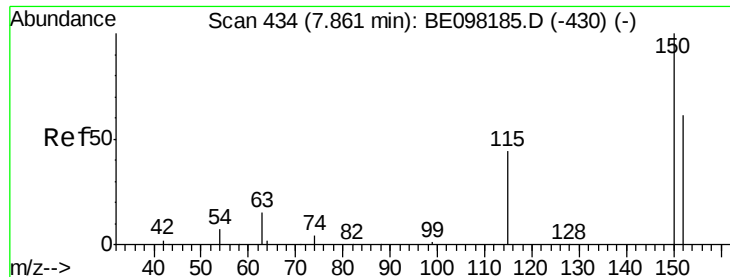
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
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Quant Time: Nov 12 11:41:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
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QLast Update : Mon Nov 12 11:35:26 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

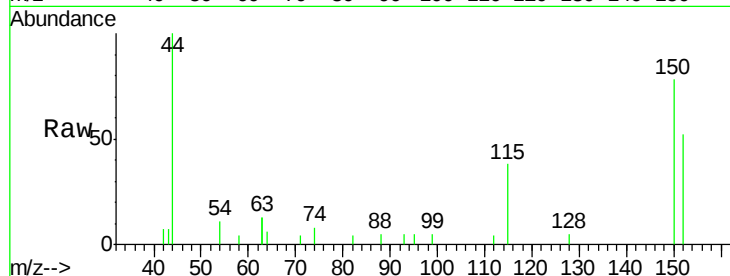
Tgt Ion: 152 Resp: 1072

Ion Ratio Lower Upper

152 100

150 151.7 127.5 191.3

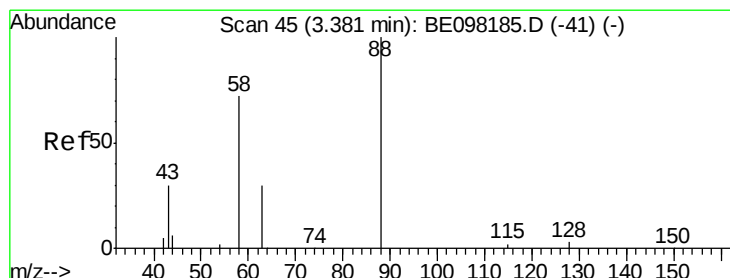
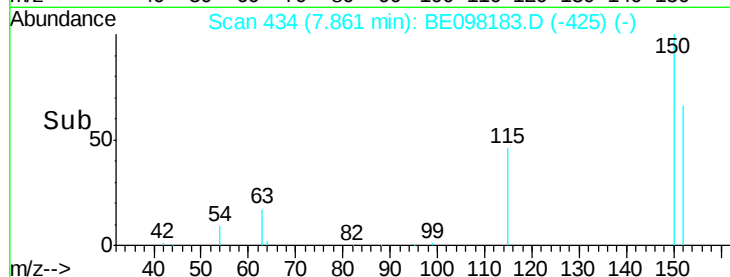
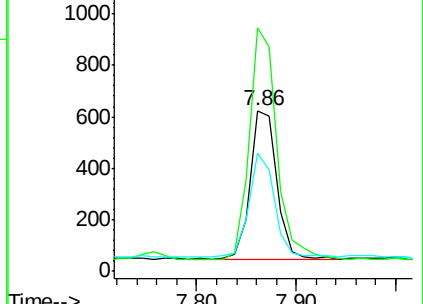
115 73.7 60.3 90.5



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: 0.146 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

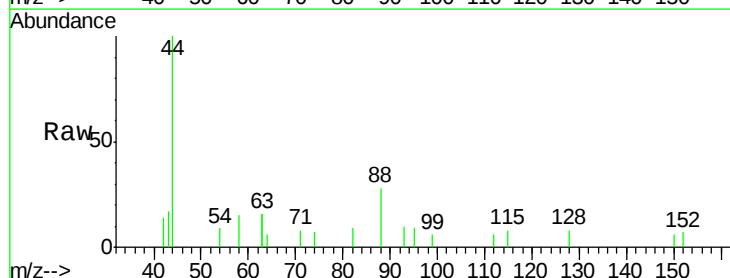
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

58 69.1 79.0 118.4#

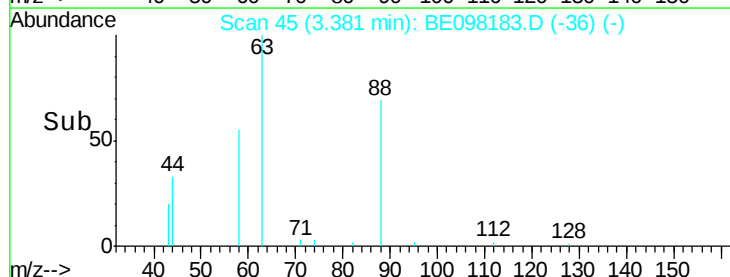
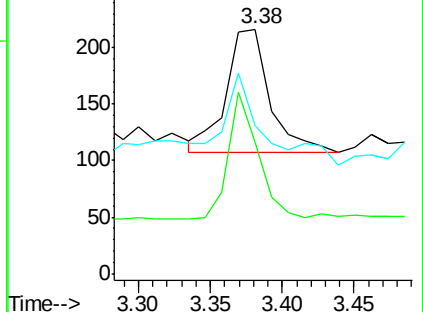
43 63.5 38.1 57.1#

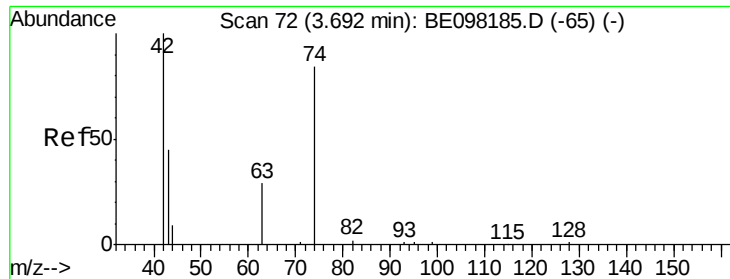


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.088 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

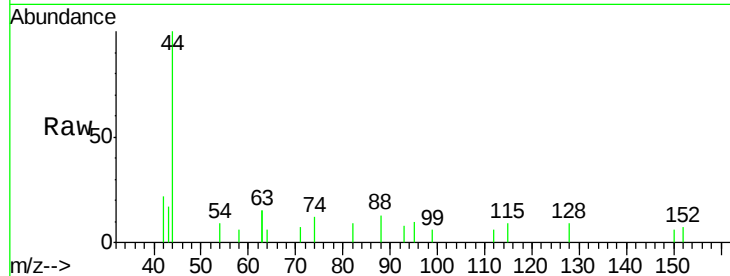
Tgt Ion: 42 Resp: 188

Ion Ratio Lower Upper

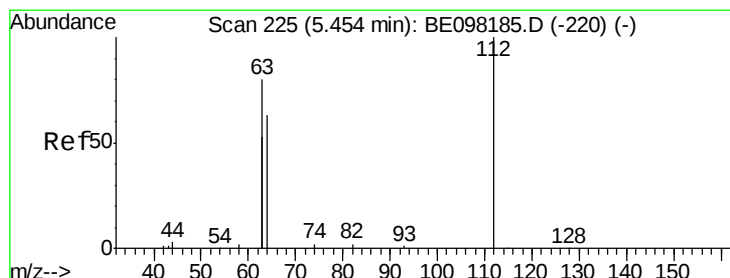
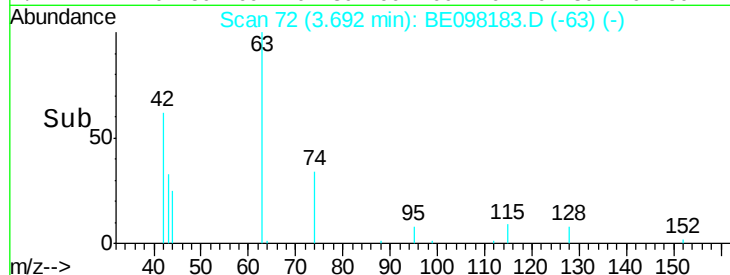
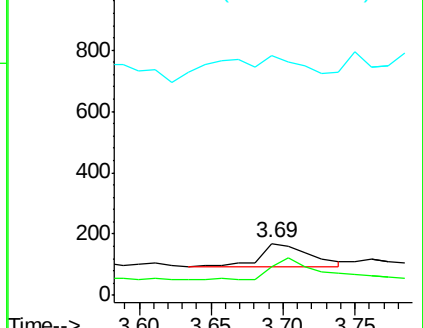
42 100

74 79.3 61.7 92.5

44 0.0 14.0 21.0#



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: 0.102 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

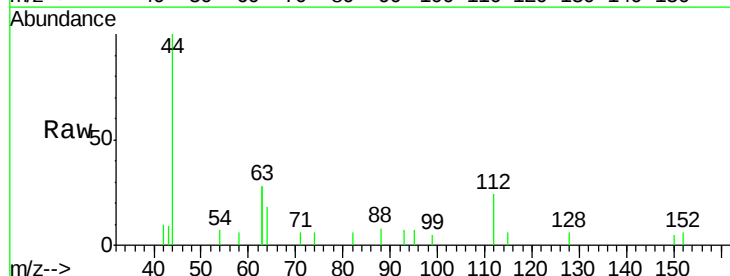
Tgt Ion: 112 Resp: 324

Ion Ratio Lower Upper

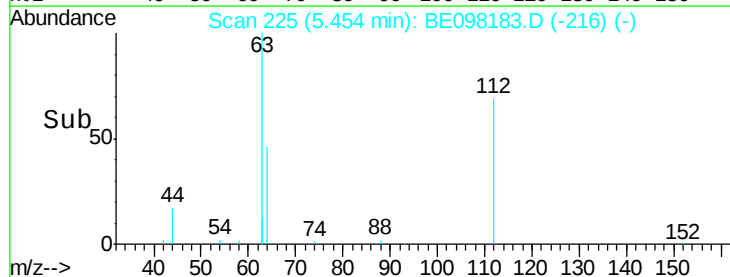
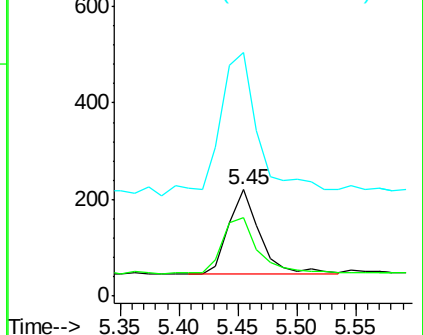
112 100

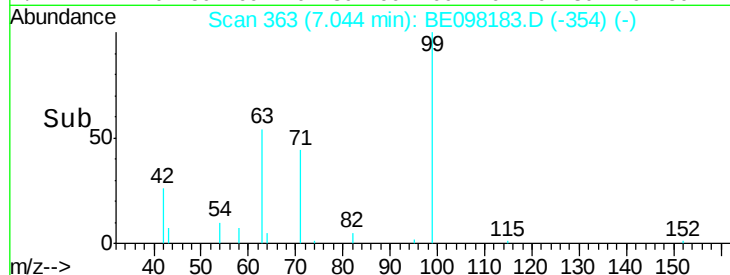
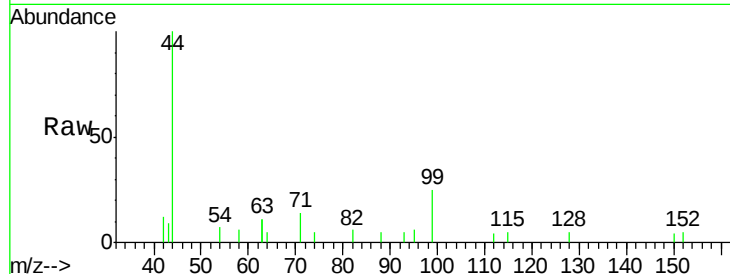
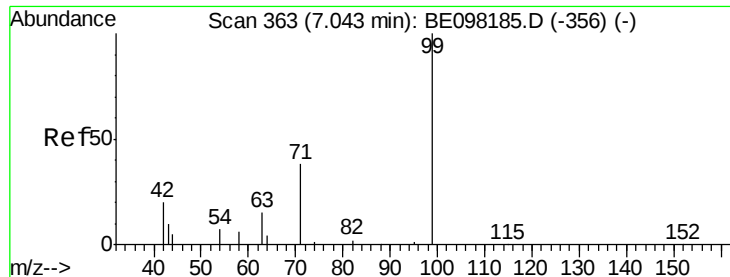
64 79.6 61.7 92.5

63 215.7 136.2 204.2#



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: 0.100 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

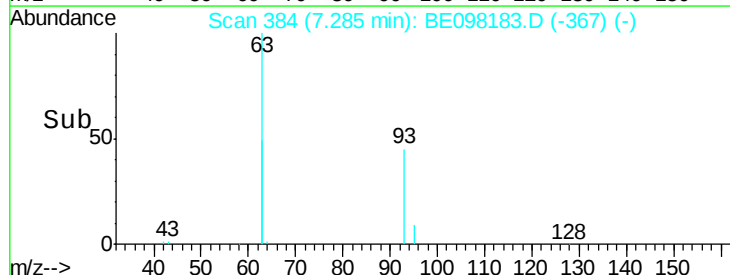
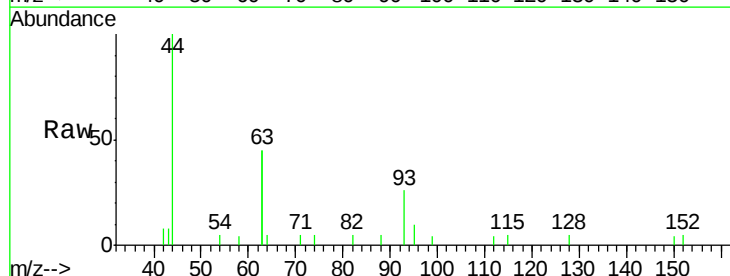
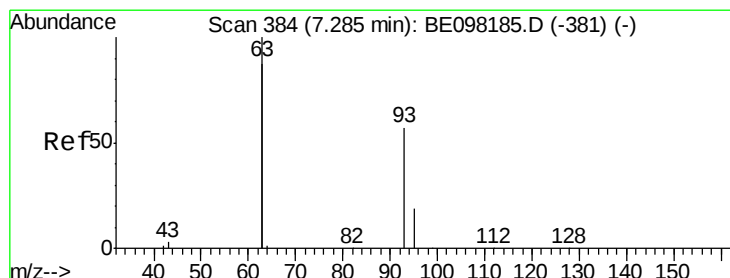
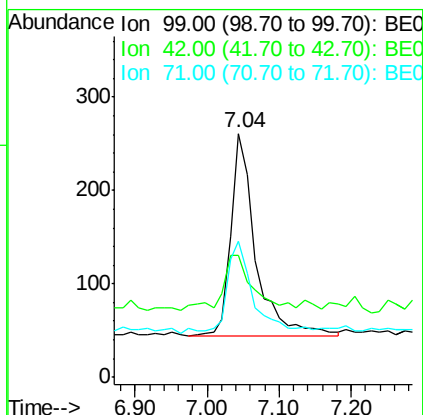
Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Tgt Ion: 99 Resp: 523

Ion	Ratio	Lower	Upper
99	100		
42	32.1	27.1	40.7
71	48.6	37.0	55.6

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1



#6

bis(2-Chloroethyl)ether

Concen: 0.112 ng

RT: 7.29 min Scan# 384

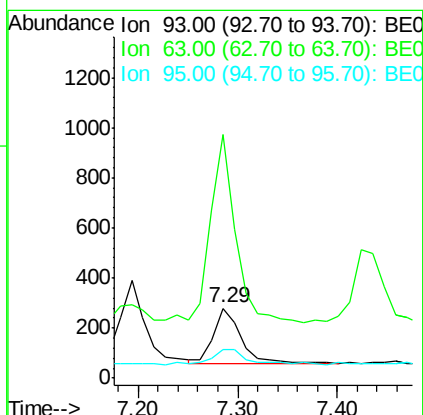
Delta R.T. 0.00 min

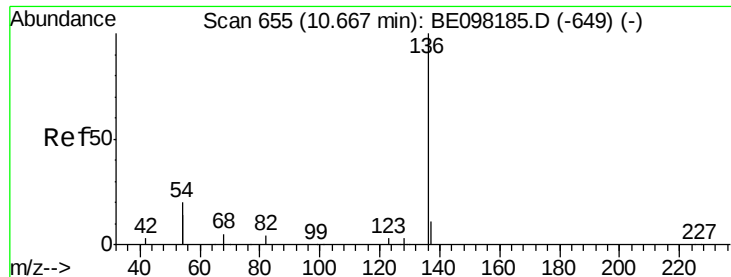
Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Tgt Ion: 93 Resp: 430

Ion	Ratio	Lower	Upper
93	100		
63	307.2	272.6	409.0
95	38.8	27.1	40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 5119

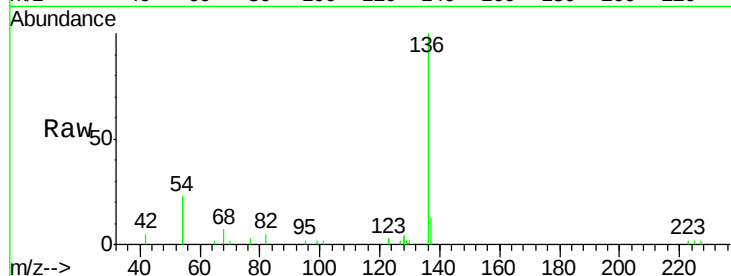
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 46.1 31.3 46.9

68 7.2 4.8 7.2

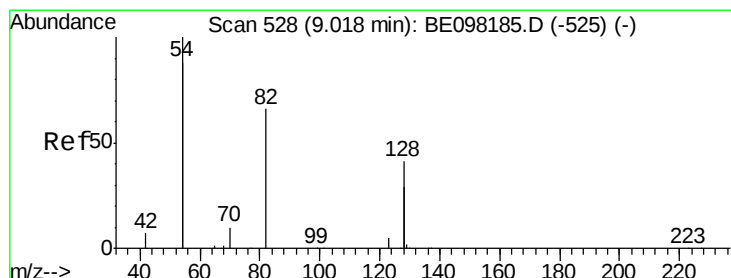
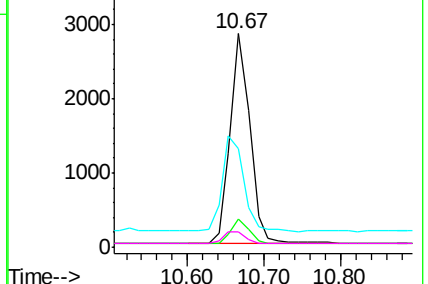
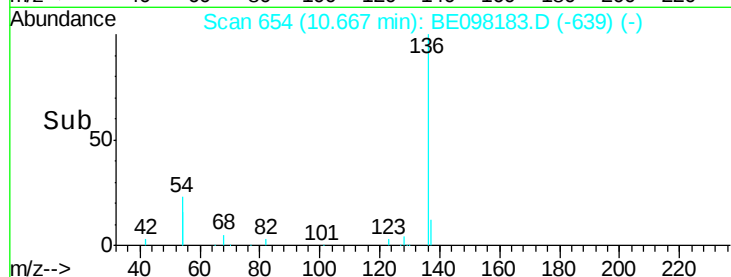


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.089 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

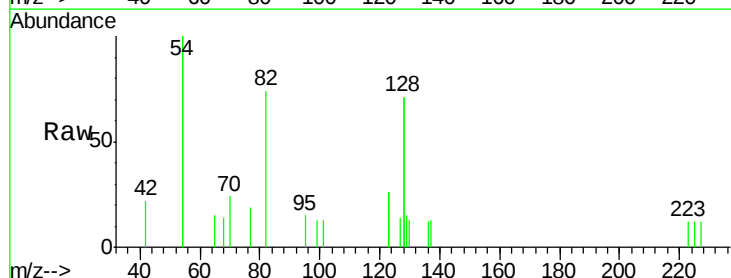
Tgt Ion: 82 Resp: 489

Ion Ratio Lower Upper

82 100

128 192.1 96.1 144.1#

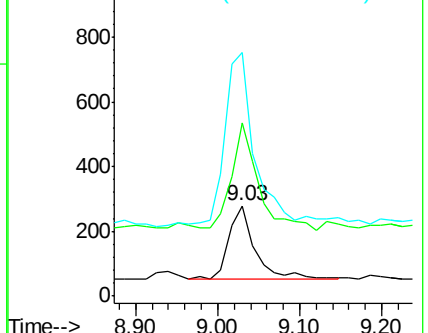
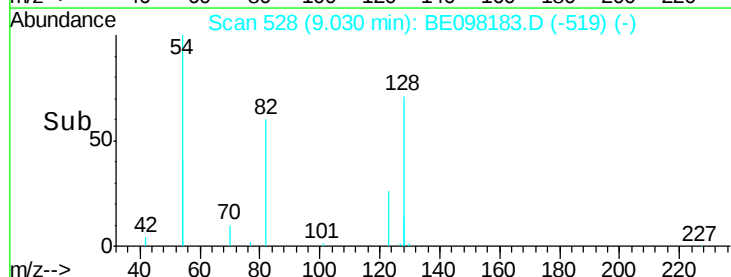
54 269.5 232.0 348.0

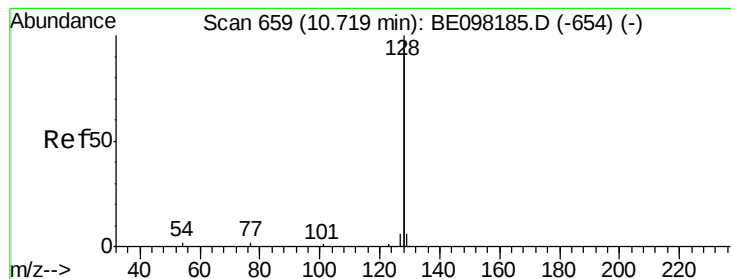


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.108 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

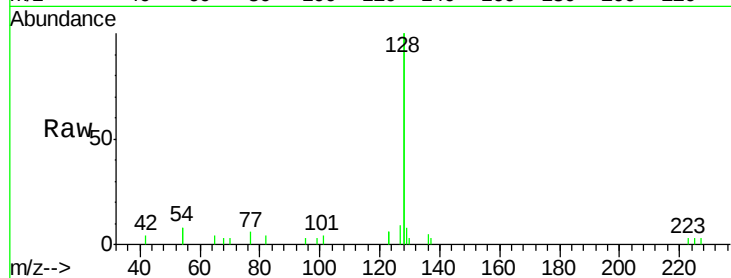
Tgt Ion:128 Resp: 5503

Ion Ratio Lower Upper

128 100

129 3.8 2.6 4.0

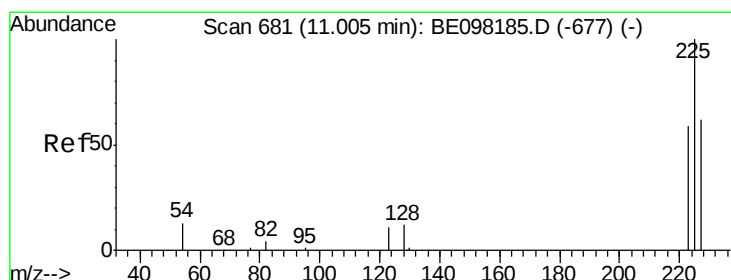
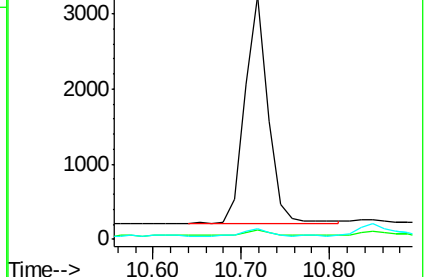
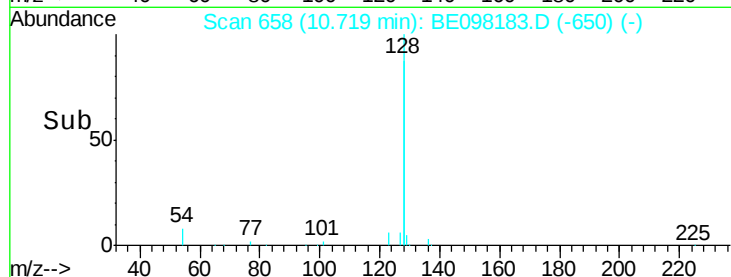
127 4.4 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.103 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

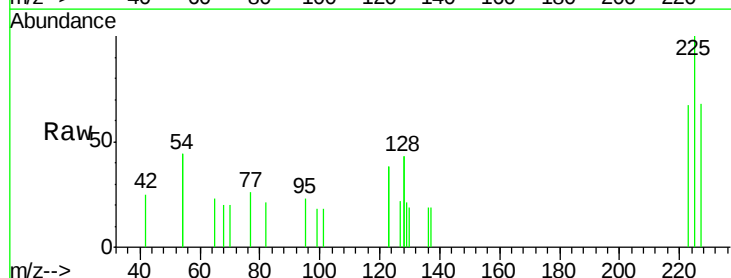
Tgt Ion:225 Resp: 345

Ion Ratio Lower Upper

225 100

223 61.4 50.5 75.7

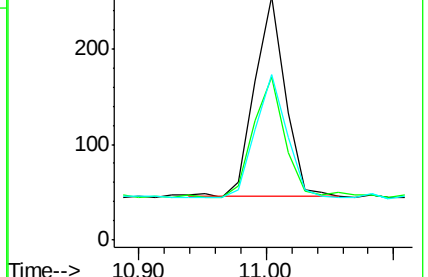
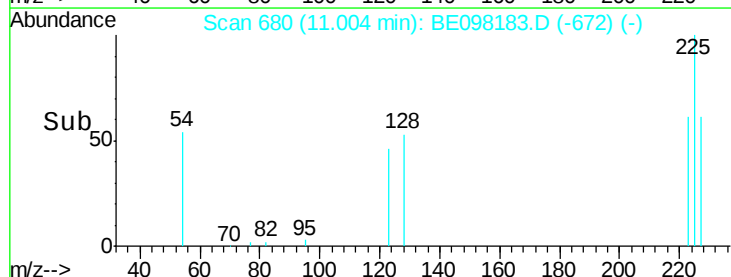
227 63.8 50.3 75.5

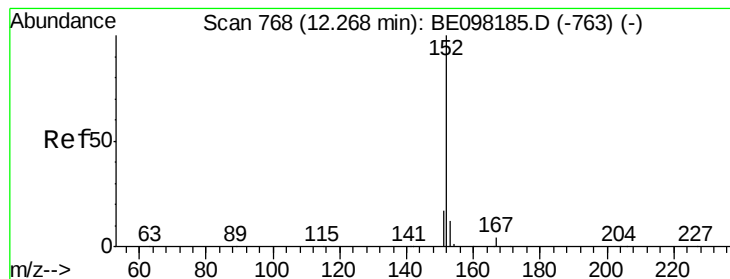


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.103 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

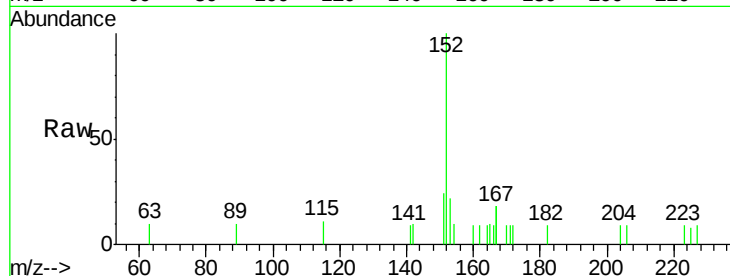
SSTDIC0.1

Tgt Ion:152 Resp: 928

Ion Ratio Lower Upper

152 100

151 23.2 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

500

400

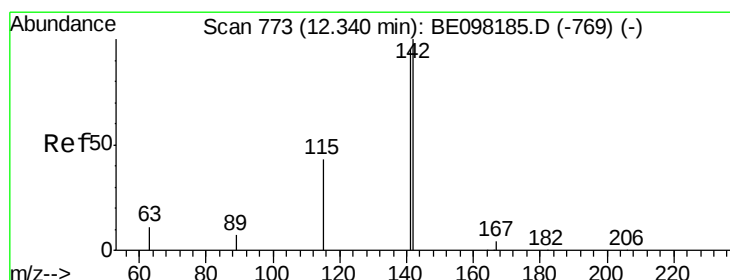
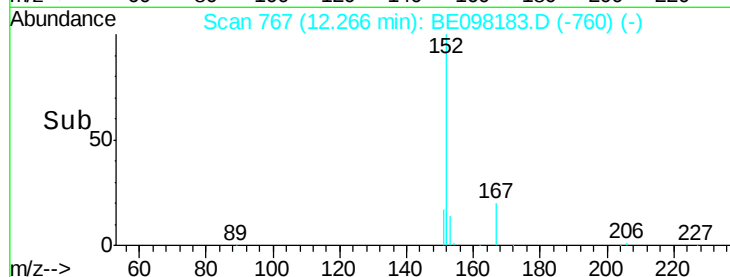
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

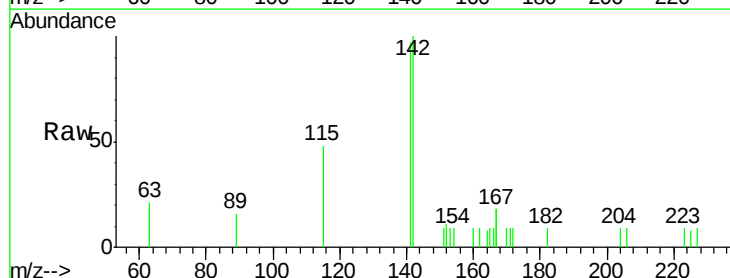
Tgt Ion:142 Resp: 906

Ion Ratio Lower Upper

142 100

141 96.6 76.3 114.5

115 47.9 35.8 53.8



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

12.34

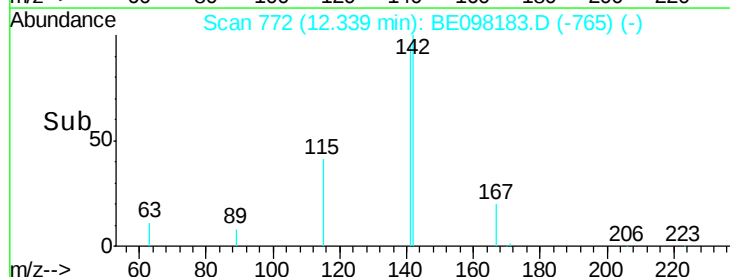
600

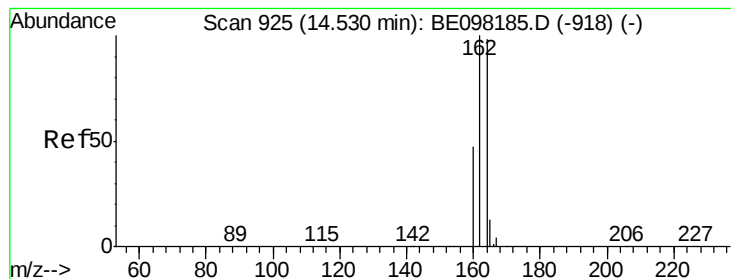
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

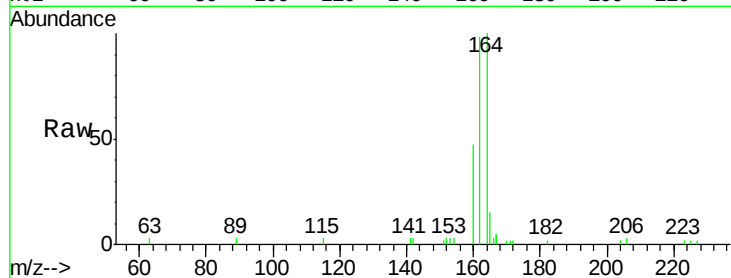
Tgt Ion:164 Resp: 3398

Ion Ratio Lower Upper

164 100

162 98.3 81.8 122.6

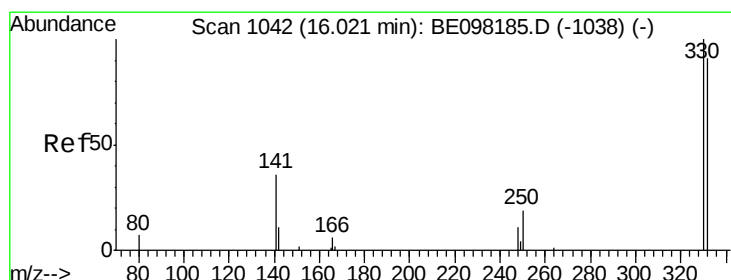
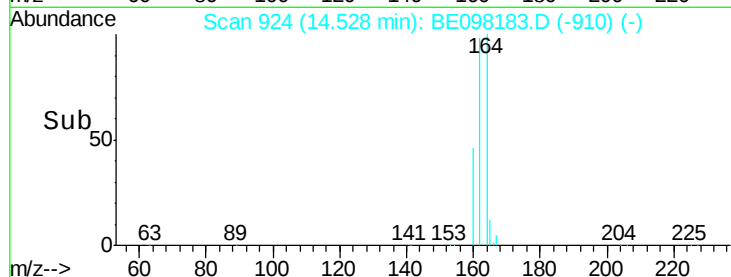
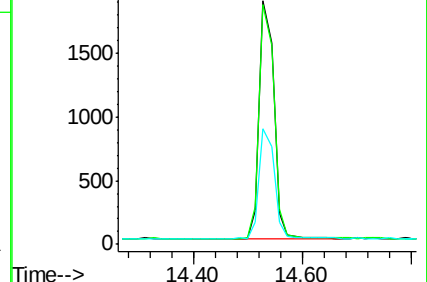
160 47.5 39.4 59.0



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: 0.103 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

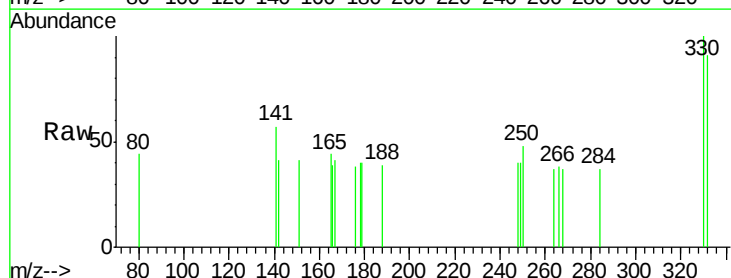
Tgt Ion:330 Resp: 165

Ion Ratio Lower Upper

330 100

332 77.0 77.7 116.5#

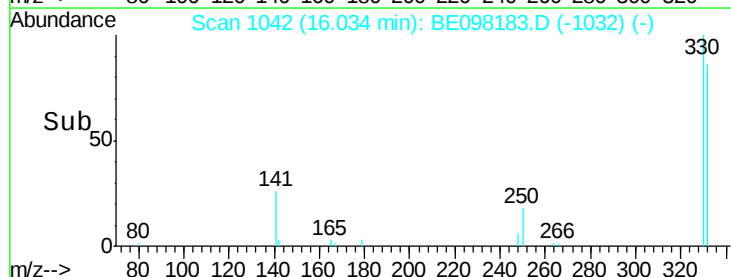
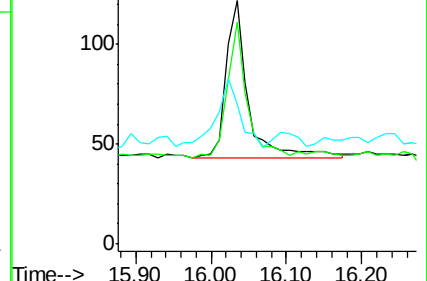
141 47.3 33.6 50.4

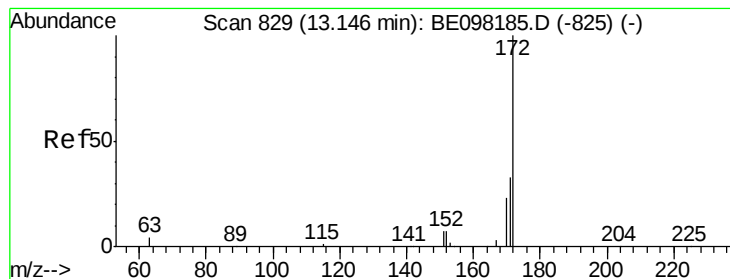


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.120 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

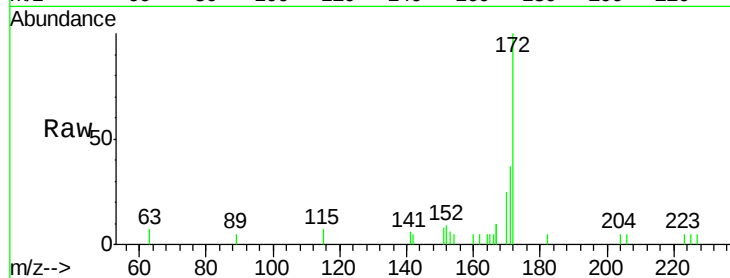
Tgt Ion:172 Resp: 1675

Ion Ratio Lower Upper

172 100

171 36.8 27.3 40.9

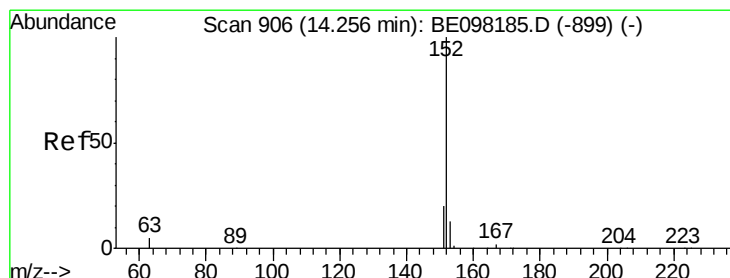
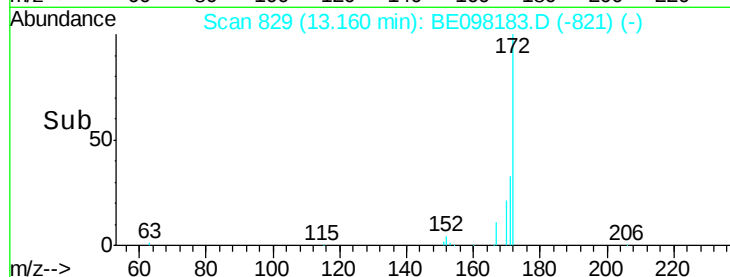
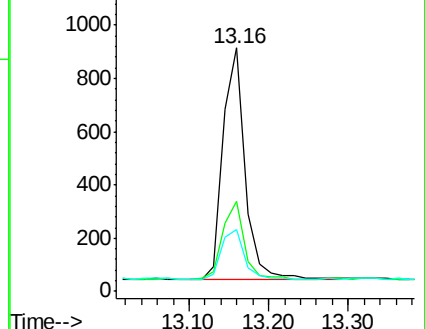
170 25.4 19.4 29.0



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: 0.099 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

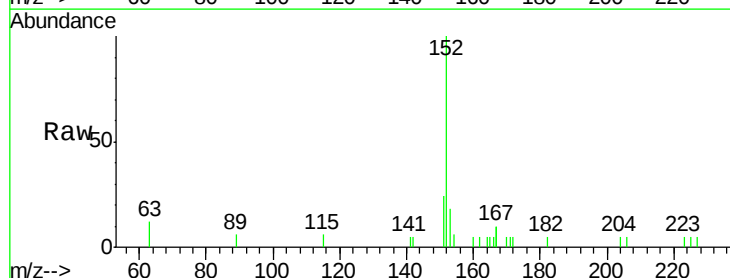
Tgt Ion:152 Resp: 1528

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

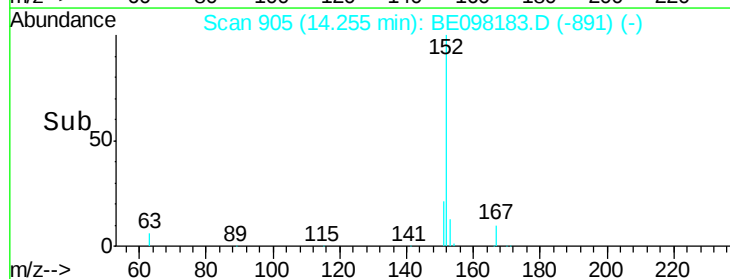
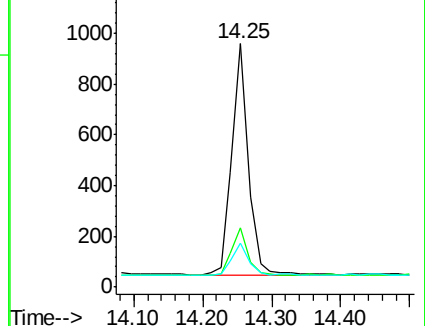
153 15.0 10.6 15.8

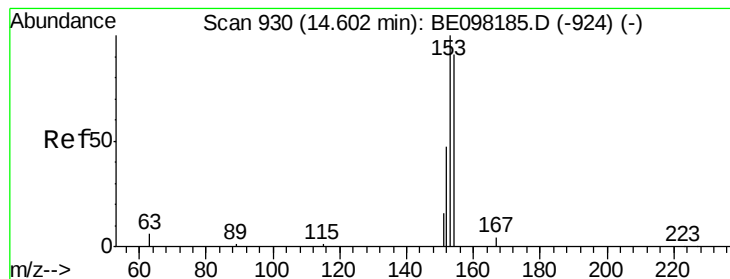


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.109 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

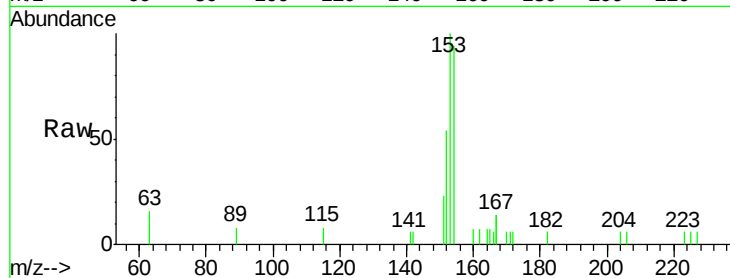
Tgt Ion:154 Resp: 1019

Ion Ratio Lower Upper

154 100

153 110.9 92.1 138.1

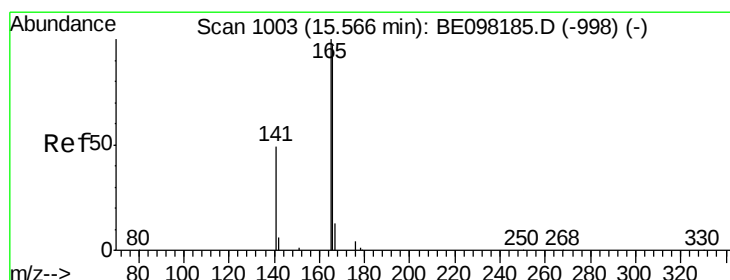
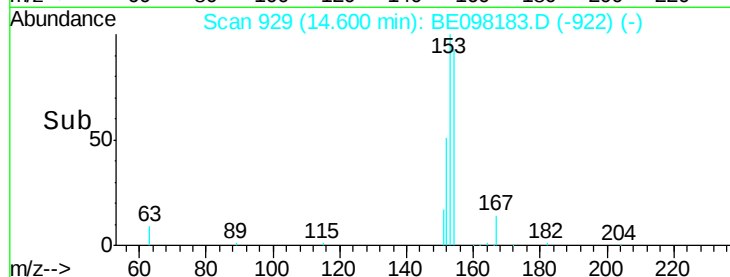
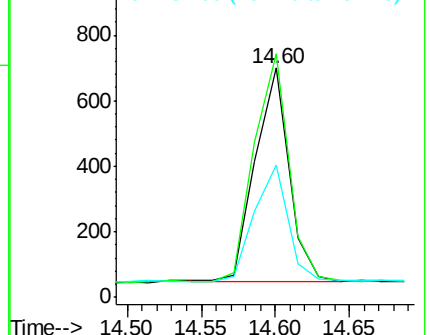
152 56.1 46.2 69.2



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: 0.100 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

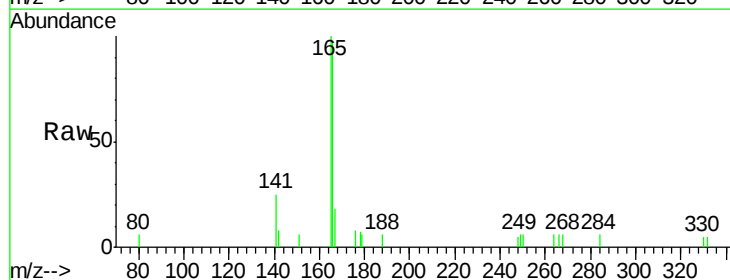
Tgt Ion:166 Resp: 1234

Ion Ratio Lower Upper

166 100

165 100.7 80.1 120.1

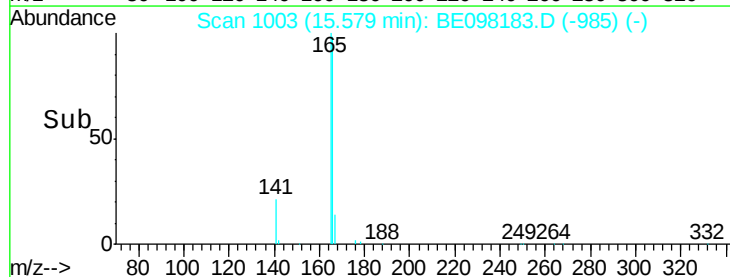
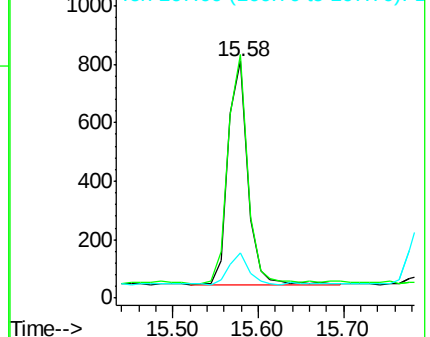
167 14.2 10.8 16.2

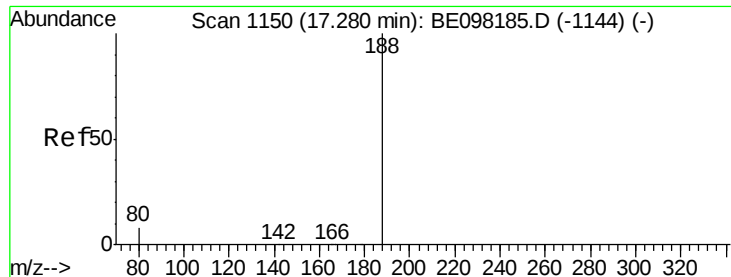


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

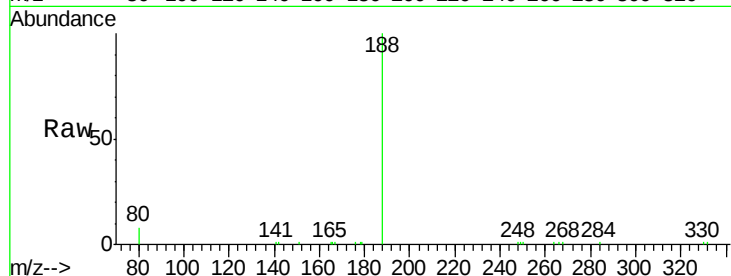
Tgt Ion:188 Resp: 8347

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

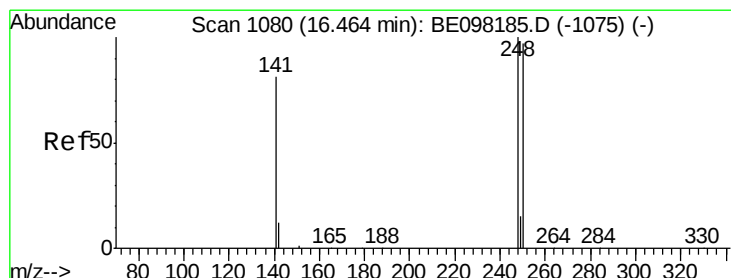
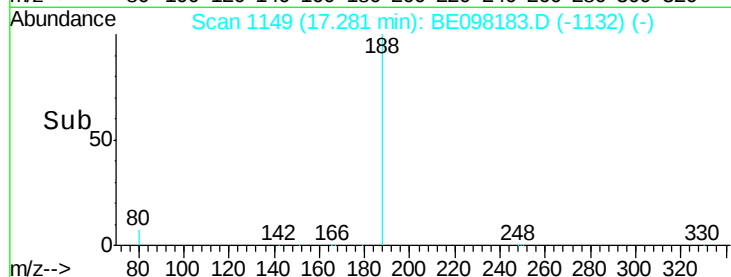
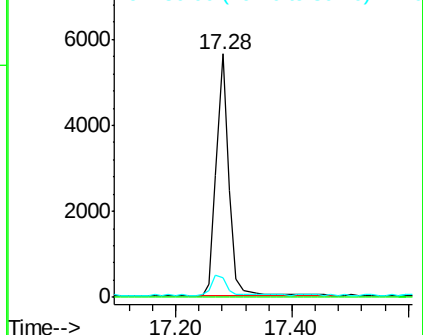
80 8.3 6.7 10.1



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: 0.097 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

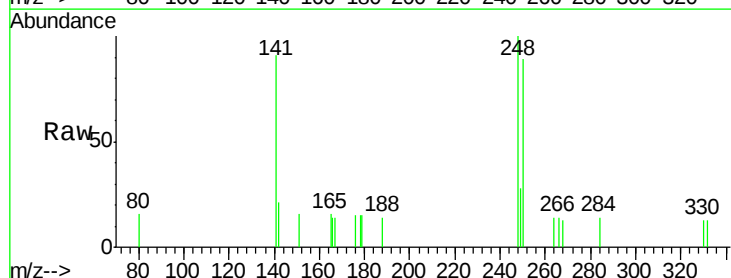
Tgt Ion:248 Resp: 494

Ion Ratio Lower Upper

248 100

250 89.3 77.6 116.4

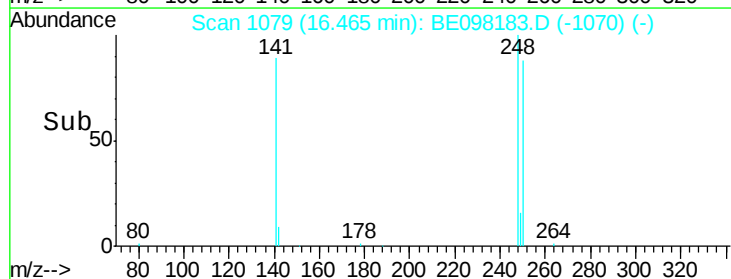
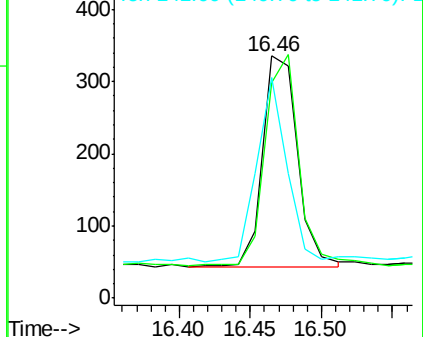
141 91.3 65.8 98.8

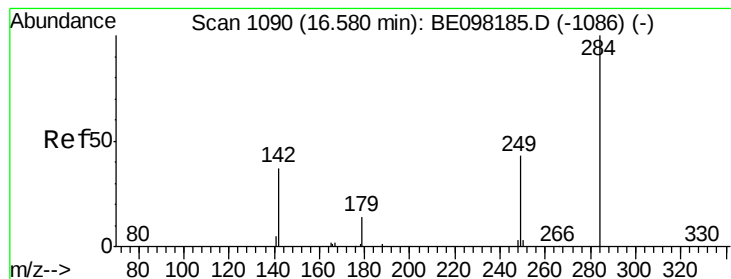


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.102 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

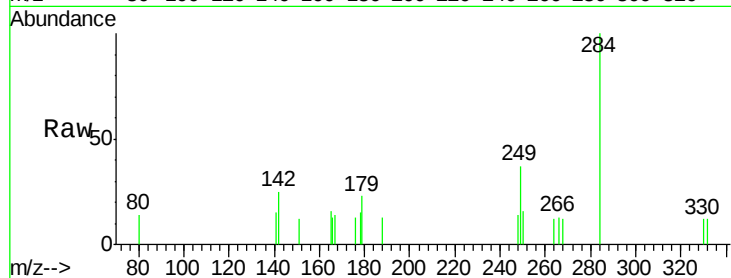
Tgt Ion:284 Resp: 543

Ion Ratio Lower Upper

284 100

142 37.4 26.5 39.7

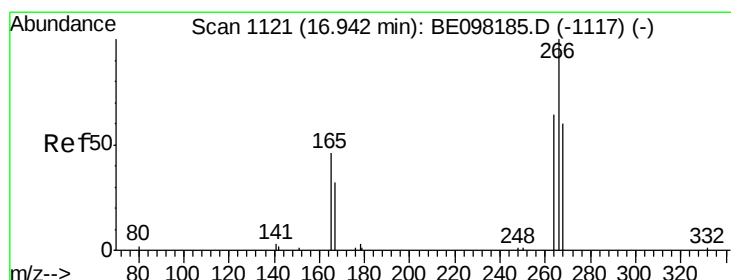
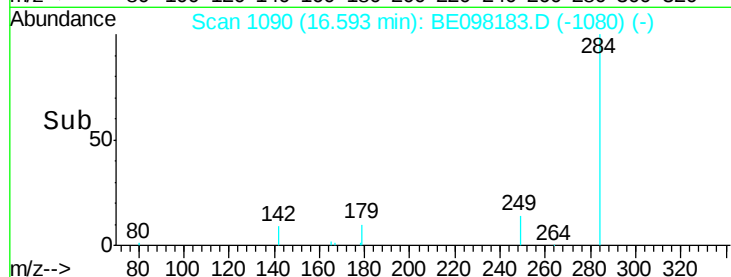
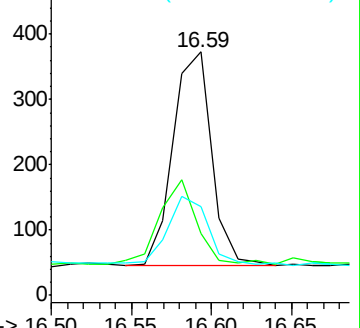
249 32.6 28.4 42.6



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: 0.069 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

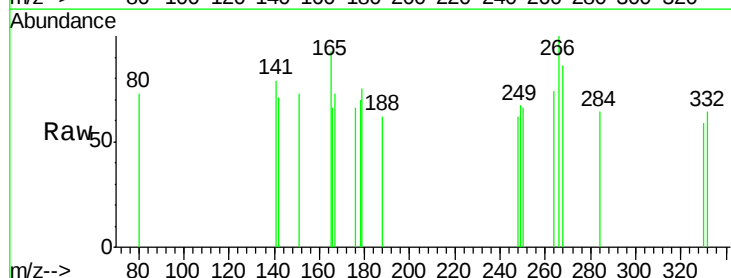
Tgt Ion:266 Resp: 82

Ion Ratio Lower Upper

266 100

264 74.0 57.6 86.4

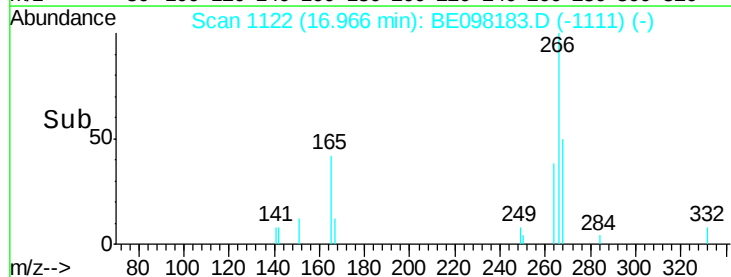
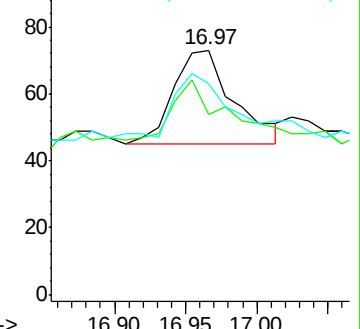
268 86.3 56.8 85.2#

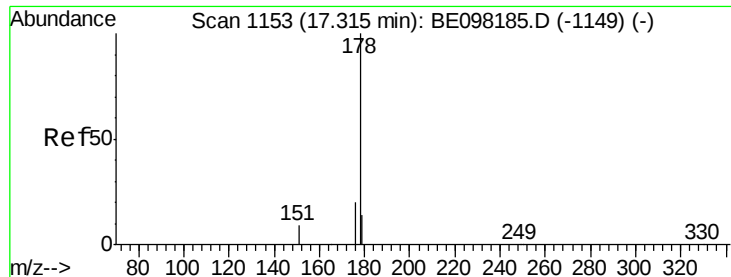


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.103 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

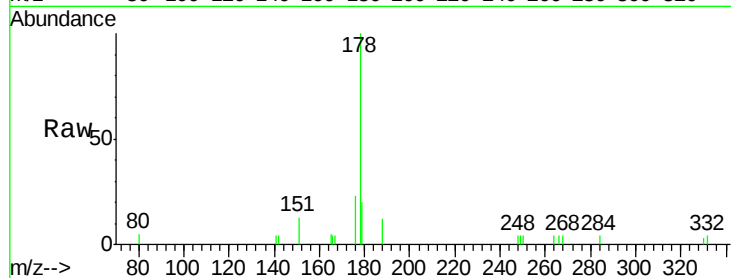
Tgt Ion:178 Resp: 2138

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

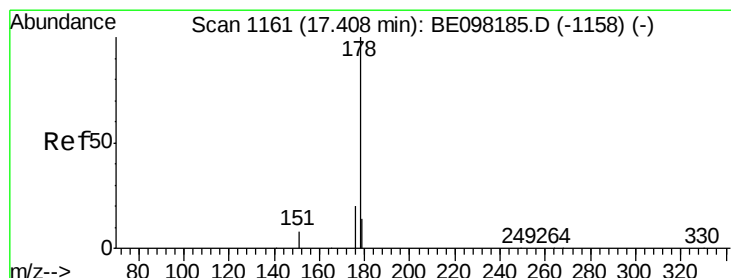
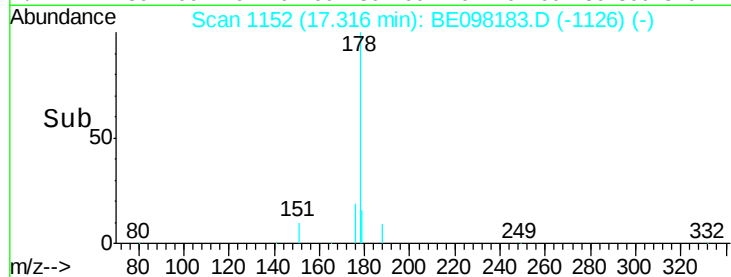
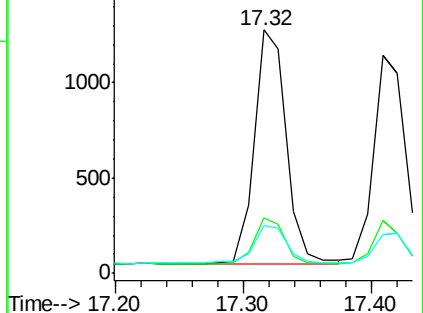
179 17.1 12.3 18.5



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: 0.096 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

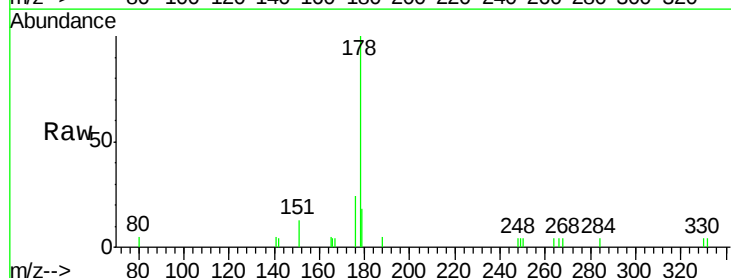
Tgt Ion:178 Resp: 1897

Ion Ratio Lower Upper

178 100

176 18.2 15.7 23.5

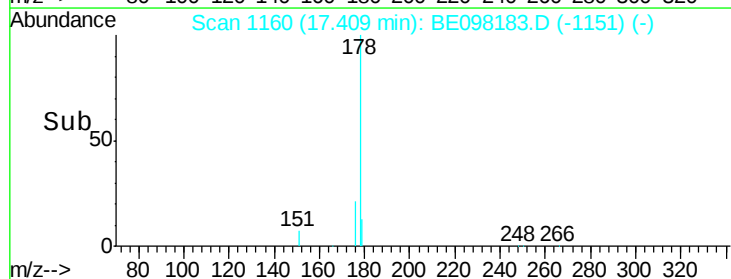
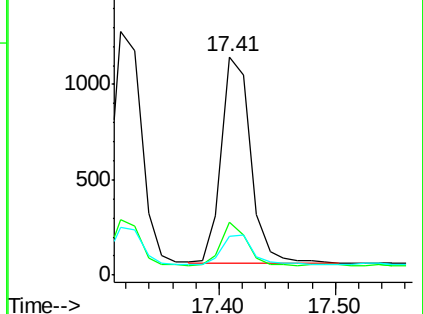
179 14.7 12.1 18.1

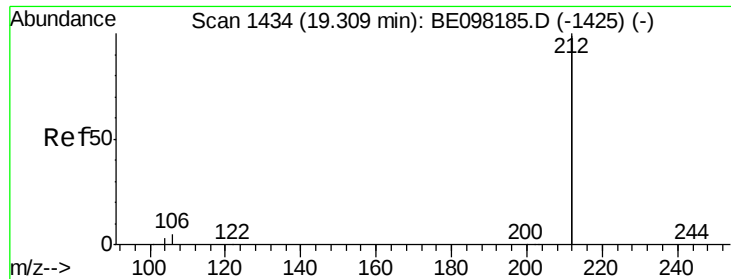


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.099 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

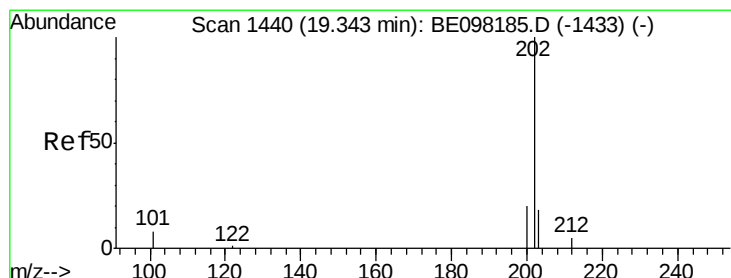
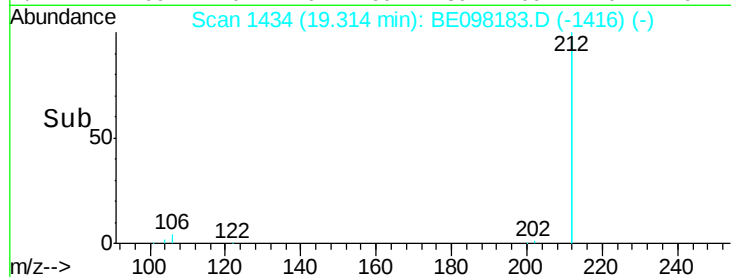
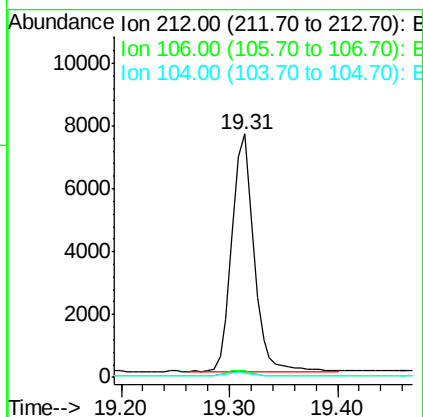
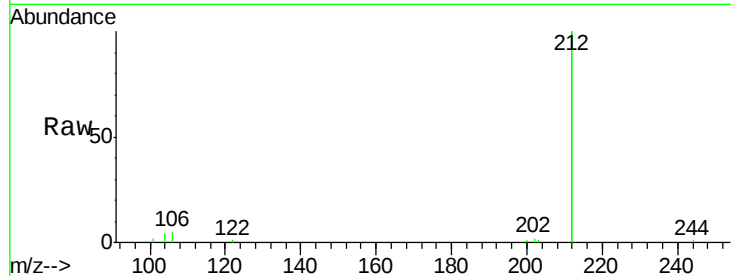
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:	212	Resp:	10610
Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.1	1.7



#26

Fluoranthene

Concen: 0.100 ng

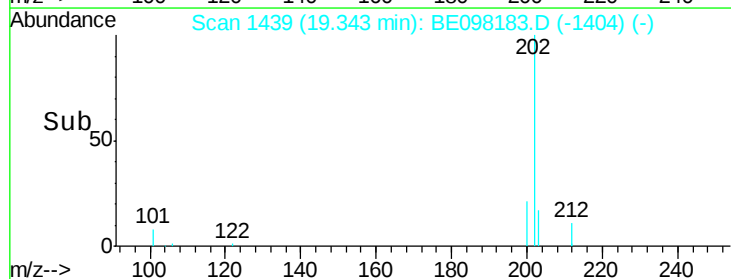
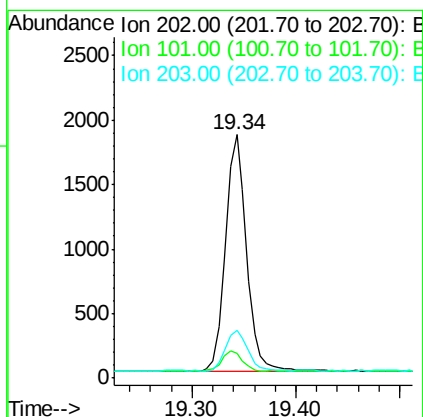
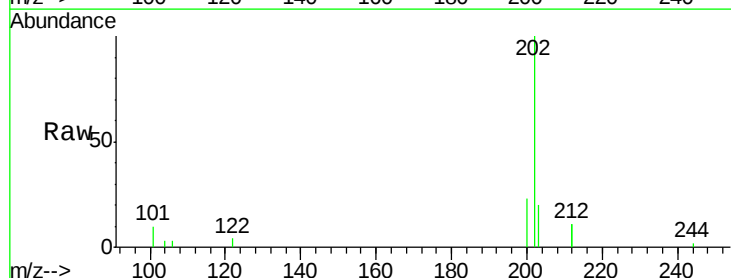
RT: 19.34 min Scan# 1439

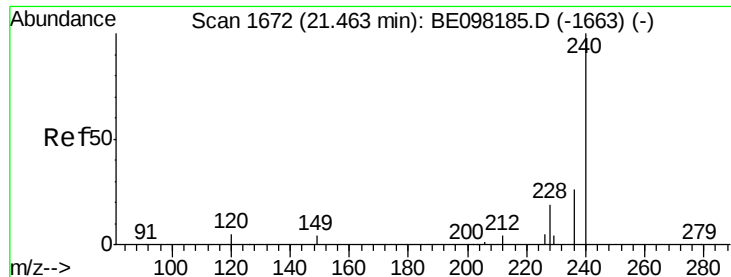
Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Tgt Ion:	202	Resp:	2585
Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.6
203	18.2	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

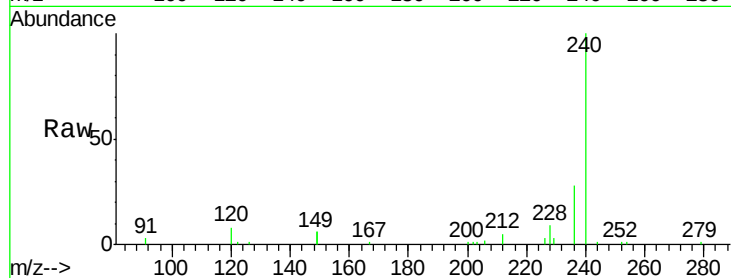
Tgt Ion:240 Resp: 9475

Ion Ratio Lower Upper

240 100

120 8.2 4.8 7.2#

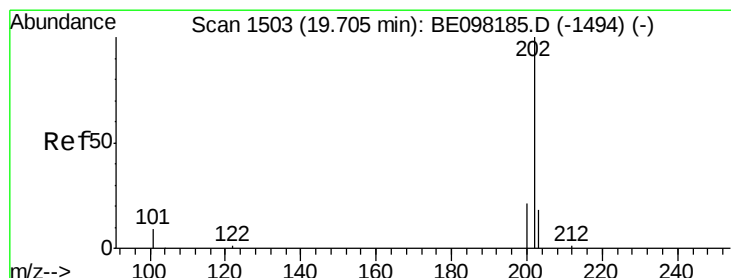
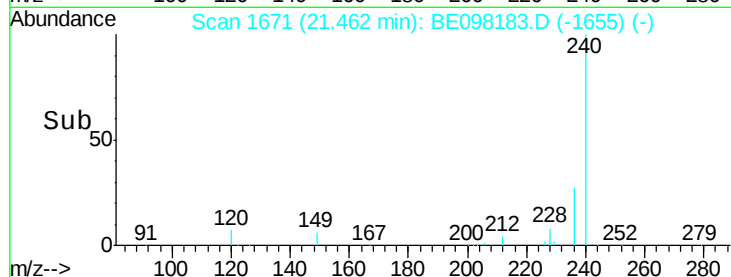
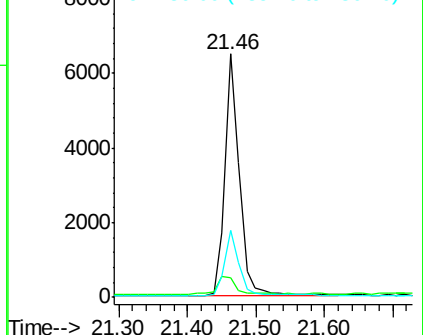
236 27.6 21.4 32.0



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: 0.107 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

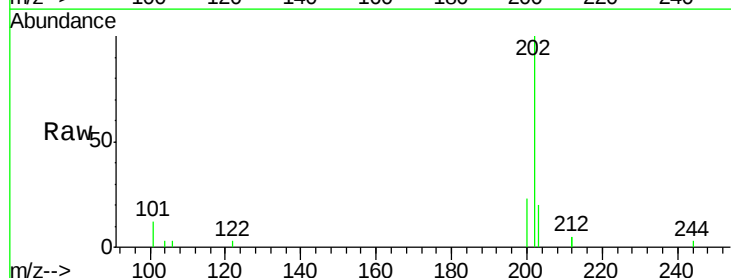
Tgt Ion:202 Resp: 2774

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

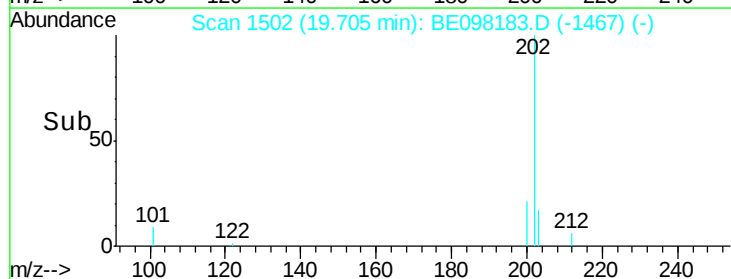
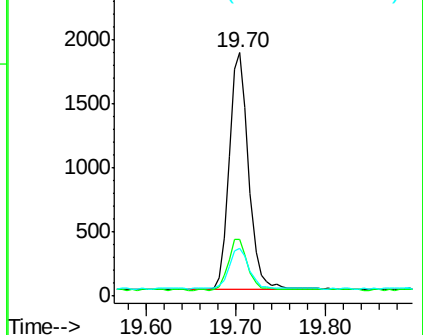
203 18.5 14.2 21.4

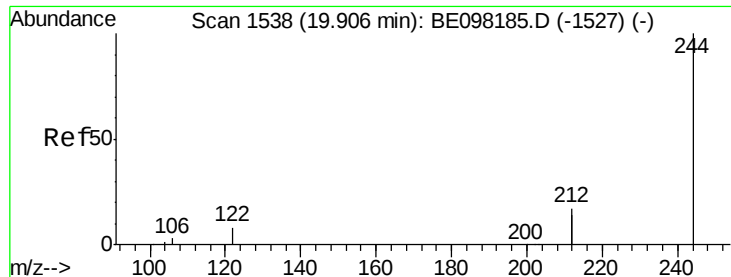


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.109 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

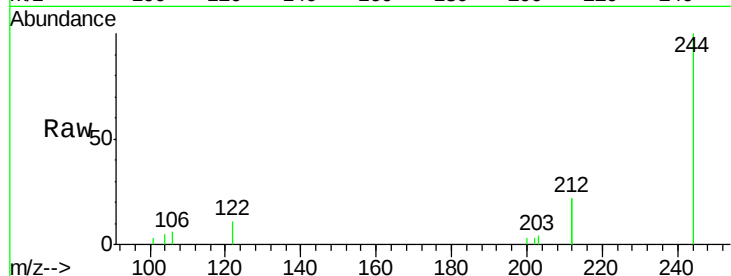
Tgt Ion:244 Resp: 2404

Ion Ratio Lower Upper

244 100

212 44.7 26.8 40.2#

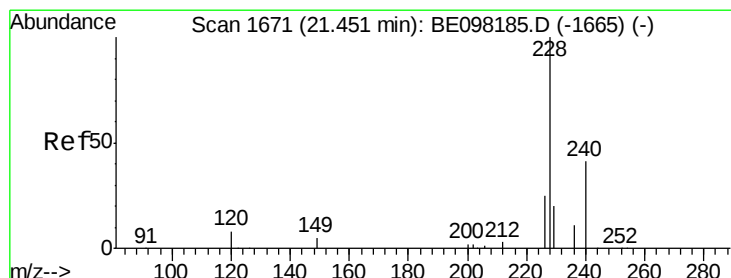
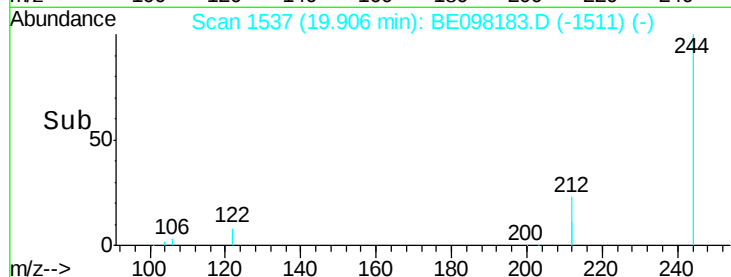
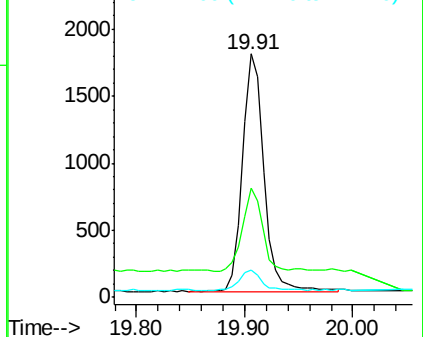
122 11.1 7.0 10.6#



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: 0.102 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

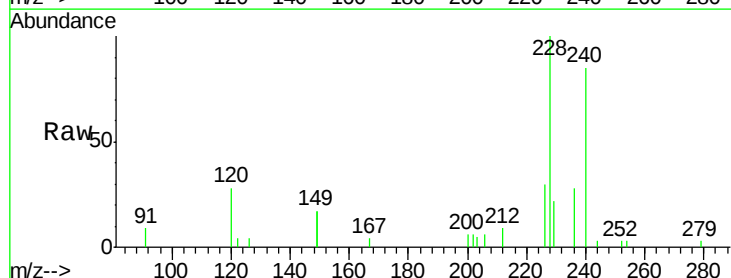
Tgt Ion:228 Resp: 2832

Ion Ratio Lower Upper

228 100

226 29.5 20.7 31.1

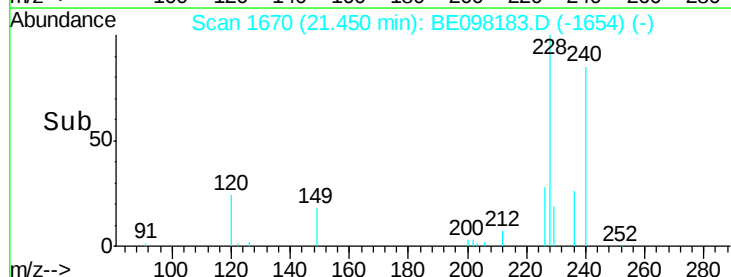
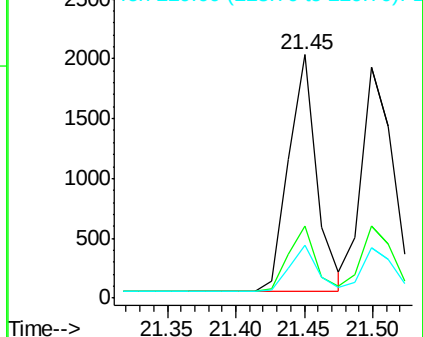
229 21.6 16.2 24.4

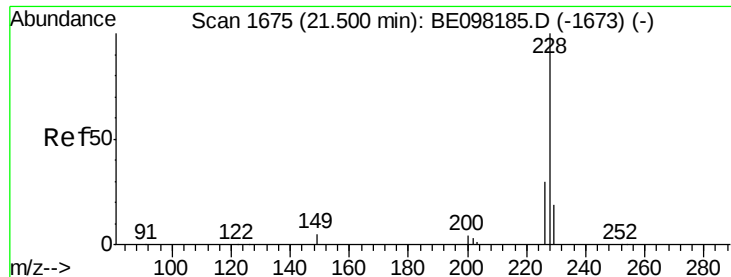


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.108 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

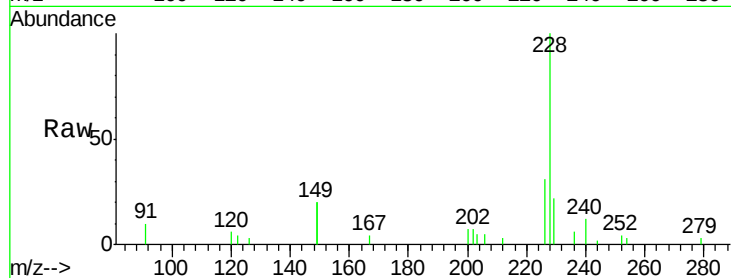
Tgt Ion: 228 Resp: 2954

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

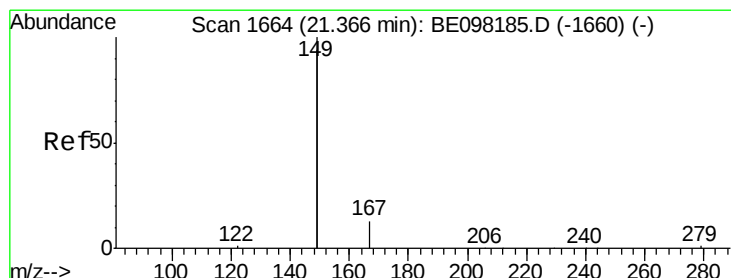
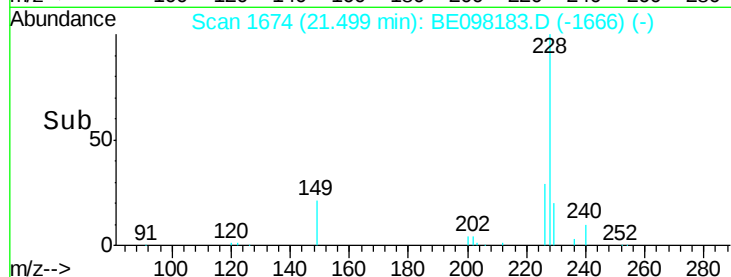
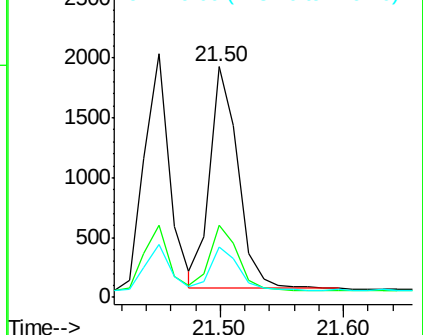
229 22.0 16.0 24.0



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: 0.063 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

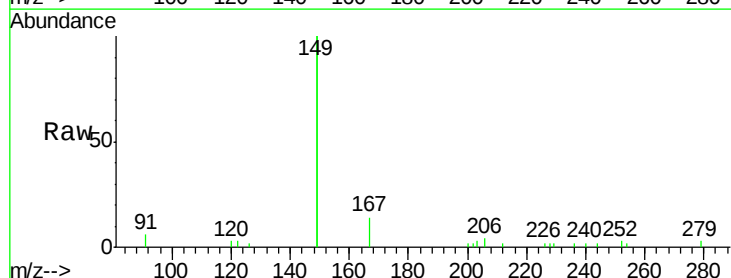
Tgt Ion: 149 Resp: 6160

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

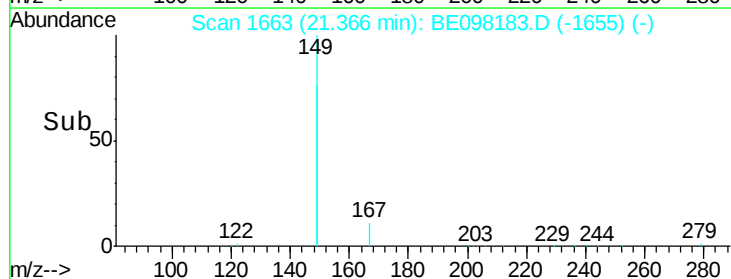
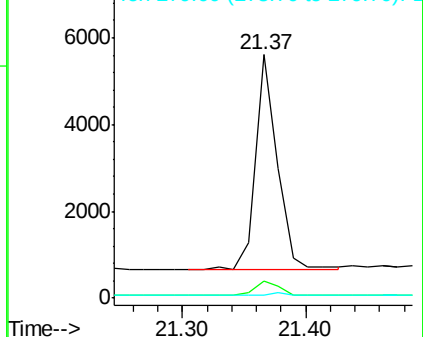
279 1.8 0.9 1.3#

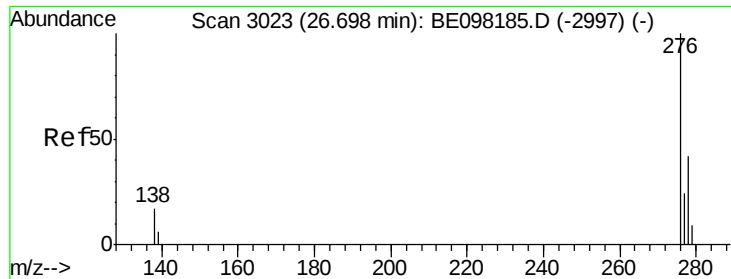


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.086 ng

RT: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

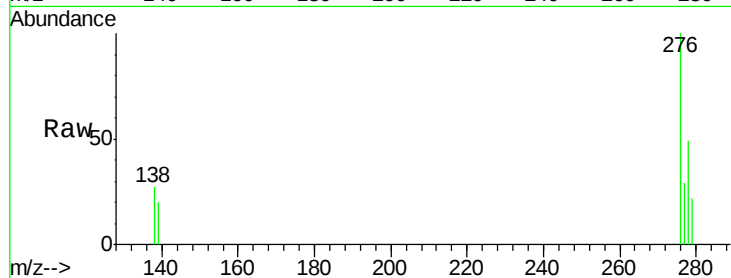
Tgt Ion:276 Resp: 2464

Ion Ratio Lower Upper

276 100

138 8.1 6.4 9.6

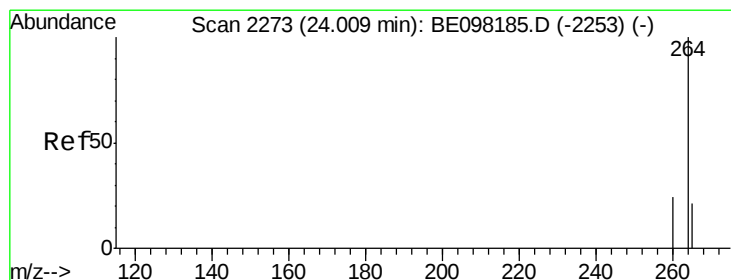
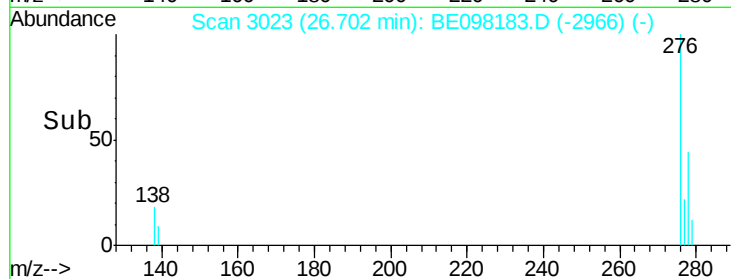
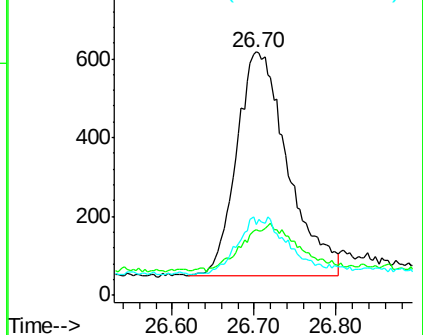
277 9.3 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

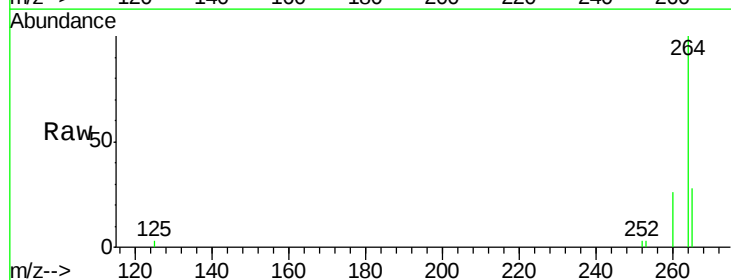
Tgt Ion:264 Resp: 9287

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

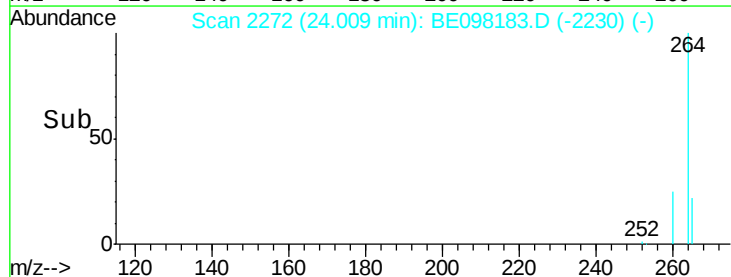
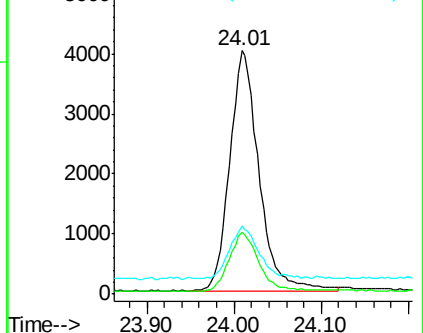
265 28.0 21.3 31.9

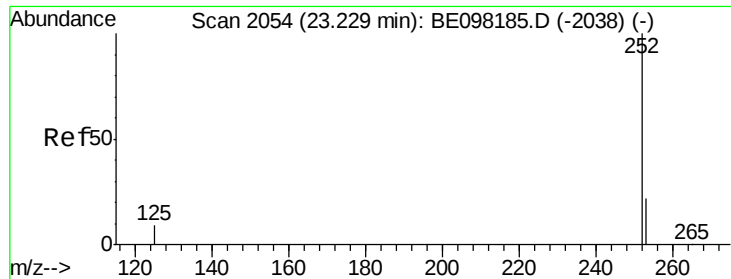


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.104 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

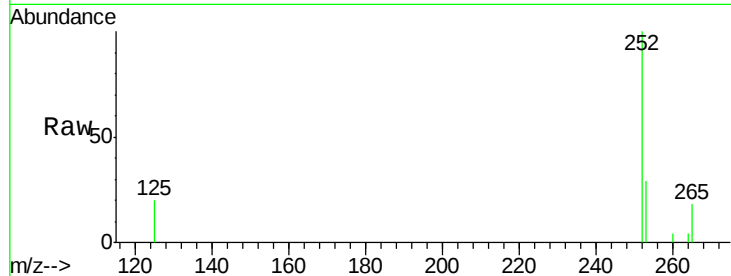
Tgt Ion:252 Resp: 2715

Ion Ratio Lower Upper

252 100

253 29.5 19.4 29.0#

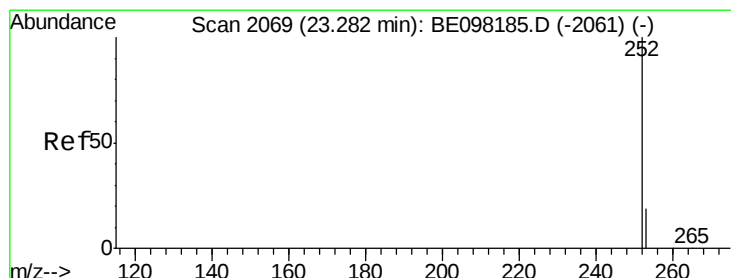
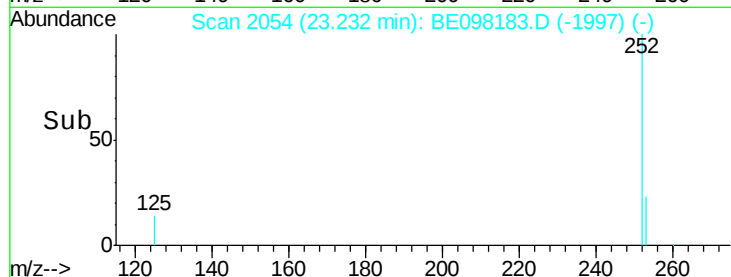
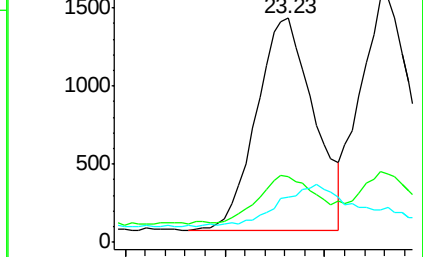
125 20.4 8.6 12.8#



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



#36

Benzo(k)fluoranthene

Concen: 0.106 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

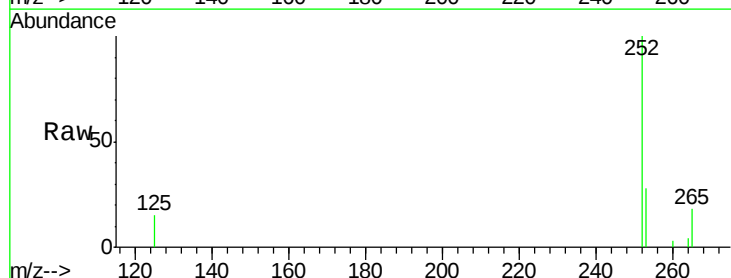
Tgt Ion:252 Resp: 2860

Ion Ratio Lower Upper

252 100

253 28.0 18.6 28.0#

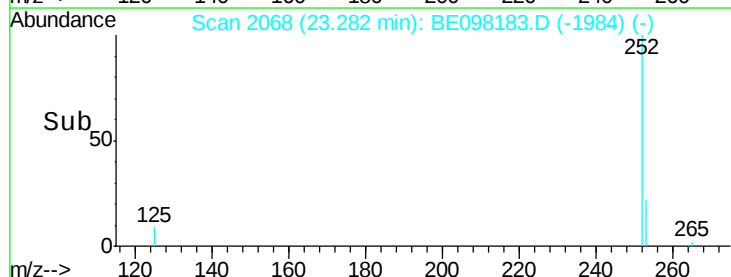
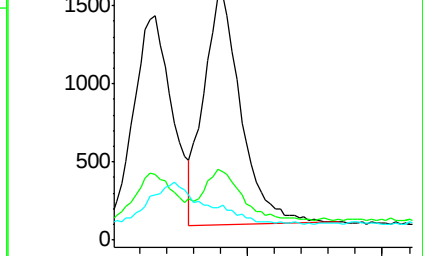
125 14.6 7.4 11.0#

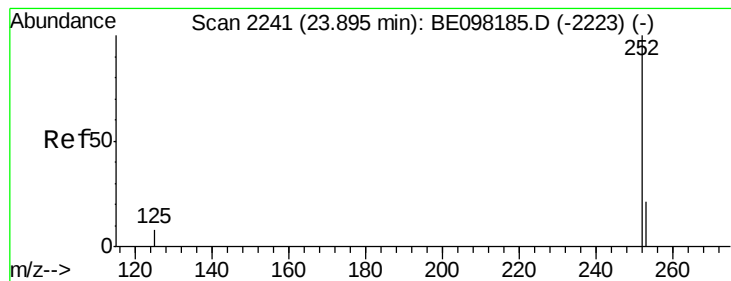


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

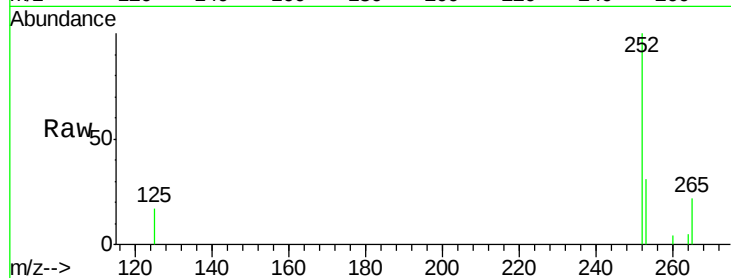
Tgt Ion:252 Resp: 2593

Ion Ratio Lower Upper

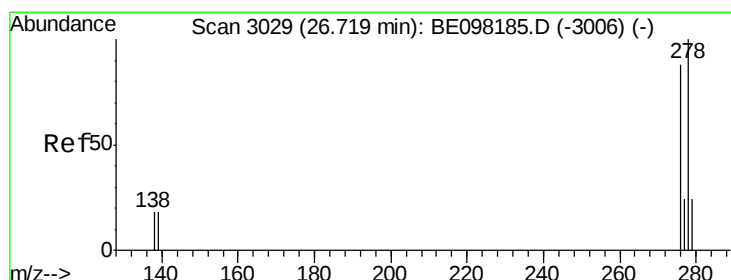
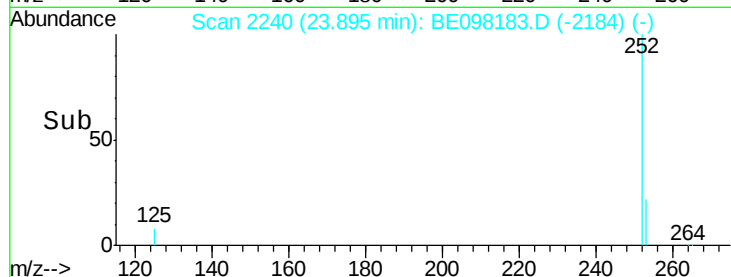
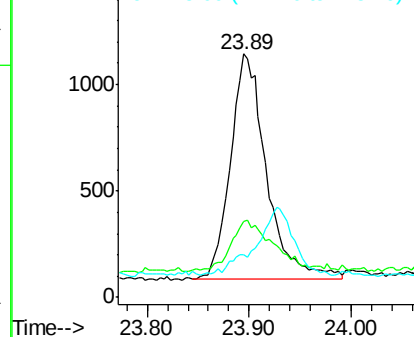
252 100

253 31.2 18.6 27.8#

125 17.4 8.0 12.0#



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: 0.081 ng

RT: 26.72 min Scan# 3029

Delta R.T. 0.00 min

Lab File: BE098183.D

Acq: 12 Nov 2018 9:53

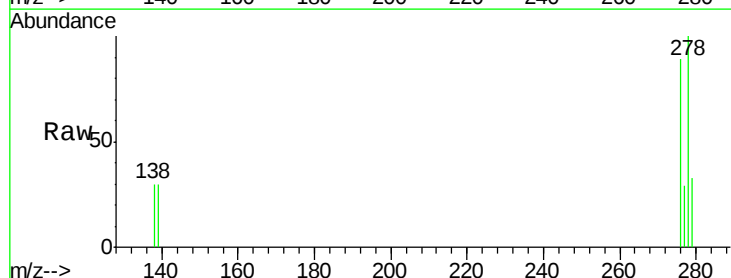
Tgt Ion:278 Resp: 1935

Ion Ratio Lower Upper

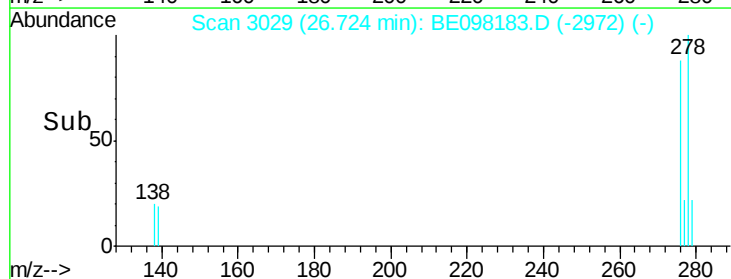
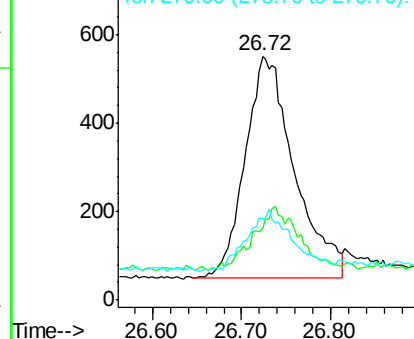
278 100

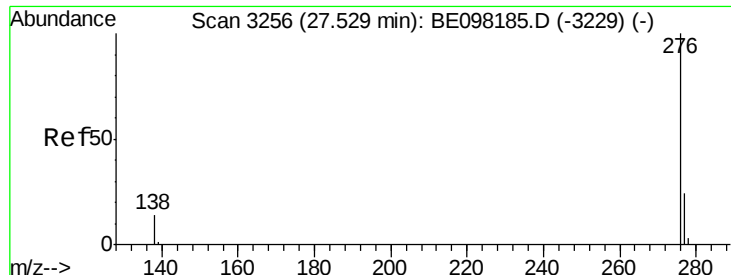
139 29.6 16.4 24.6#

279 33.4 21.3 31.9#



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(g,h,i)perylene

Concen: 0.094 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.00 min

Lab File: BE098183.D

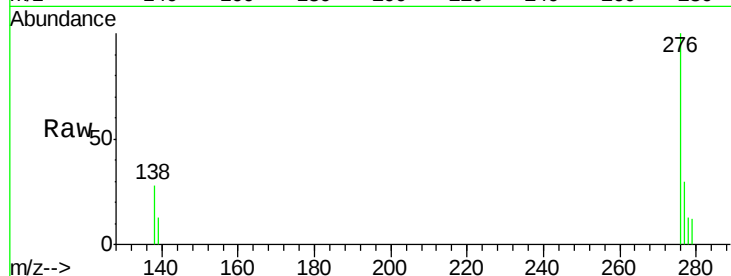
Acq: 12 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



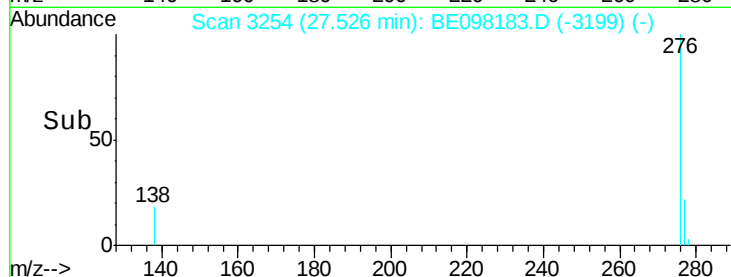
Tgt Ion: 276 Resp: 2226

Ion Ratio Lower Upper

276 100

277 30.1 20.4 30.6

138 27.7 13.2 19.8#



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

