

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
 Data File : BE100598.D
 Acq On : 3 Oct 2019 15:48
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Oct 03 16:52:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 15:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3228	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14666	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8769	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19251	0.40	ng	0.00
27) Chrysene-d12	21.35	240	27582	0.40	ng	0.00
34) Perylene-d12	23.81	264	29470	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	14474	1.64	ng	0.00
5) Phenol-d6	6.99	99	18741	1.65	ng	0.00
8) Nitrobenzene-d5	8.96	82	15691	1.65	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	36935	1.70	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	3703	1.93	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	52460	1.65	ng	0.00
25) Fluoranthene-d10	19.21	212	402591	1.68	ng	0.00
29) Terphenyl-d14	19.81	244	102477	1.72	ng	0.00

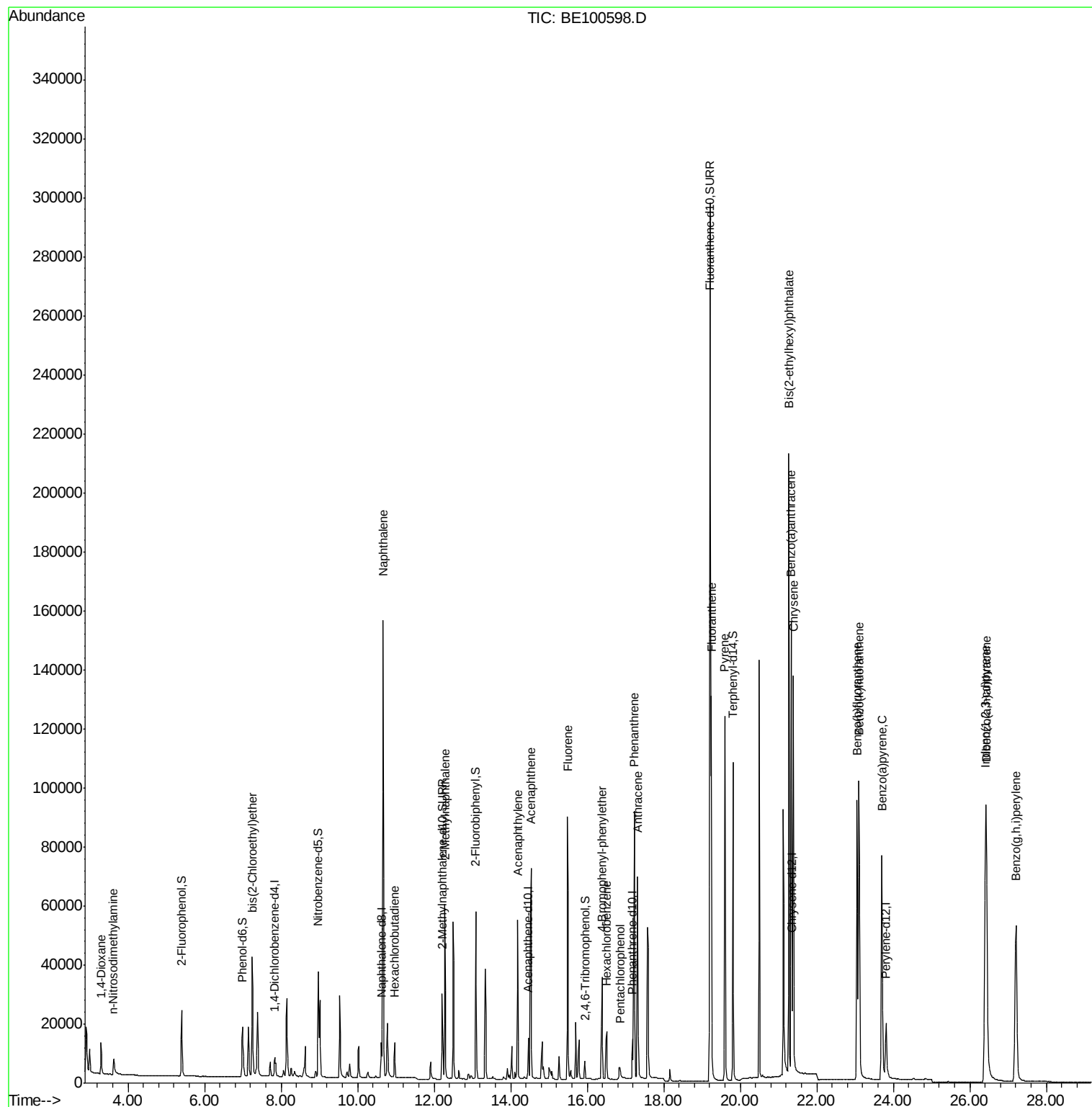
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	8043	1.616	ng	# 91
3) n-Nitrosodimethylamine	3.61	42	4407	1.741	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	16956	1.617	ng	97
9) Naphthalene	10.67	128	250802	1.657	ng	100
10) Hexachlorobutadiene	10.97	225	8105	1.690	ng	99
12) 2-Methylnaphthalene	12.28	142	42691	1.722	ng	99
16) Acenaphthylene	14.18	152	63629	1.701	ng	100
17) Acenaphthene	14.53	154	41492	1.660	ng	98
18) Fluorene	15.49	166	54121	1.719	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	15987	1.698	ng	98
21) Hexachlorobenzene	16.50	284	13298	1.717	ng	98
22) Pentachlorophenol	16.85	266	3762	1.627	ng	93
23) Phenanthrene	17.23	178	91972	1.684	ng	100
24) Anthracene	17.32	178	81327	1.726	ng	100
26) Fluoranthene	19.24	202	115682	1.707	ng	99
28) Pyrene	19.60	202	116543	1.705	ng	100
30) Benzo(a)anthracene	21.33	228	126930	1.580	ng	99
31) Chrysene	21.39	228	136212	1.639	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	227119	1.051	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	157612	1.640	ng	99
35) Benzo(b)fluoranthene	23.05	252	134205	1.688	ng	99
36) Benzo(k)fluoranthene	23.10	252	153704	1.697	ng	# 94
37) Benzo(a)pyrene	23.70	252	124826	1.691	ng	98
38) Dibenzo(a,h)anthracene	26.43	278	132621	1.749	ng	99
39) Benzo(g,h,i)perylene	27.21	276	131537	1.715	ng	99

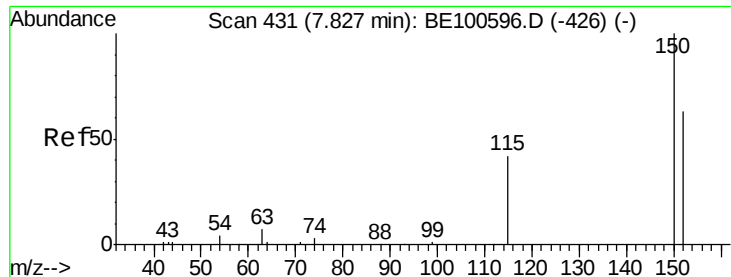
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

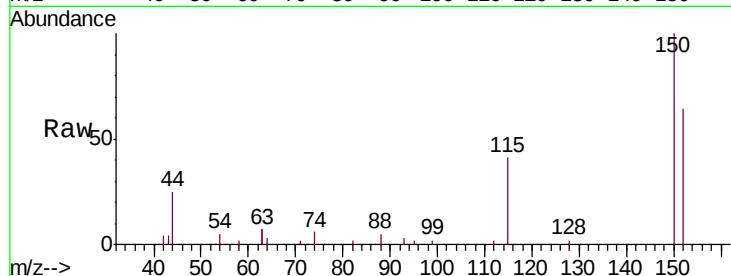
Tgt Ion:152 Resp: 3228

Ion Ratio Lower Upper

152 100

150 155.2 126.5 189.7

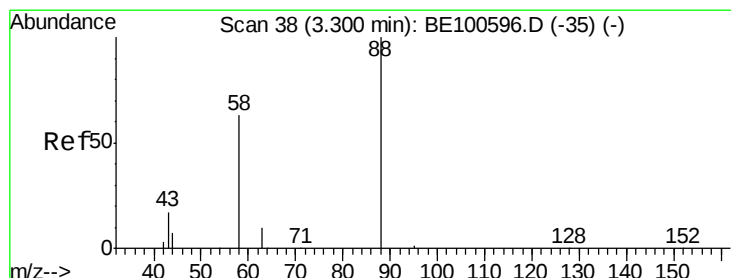
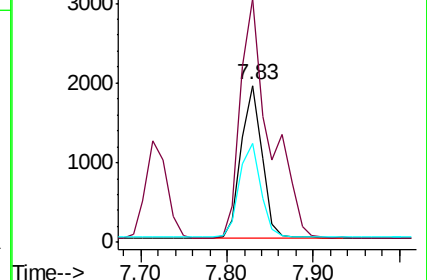
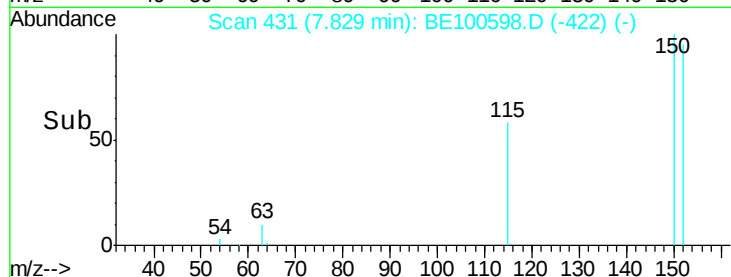
115 63.1 54.6 81.8



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: 1.616 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

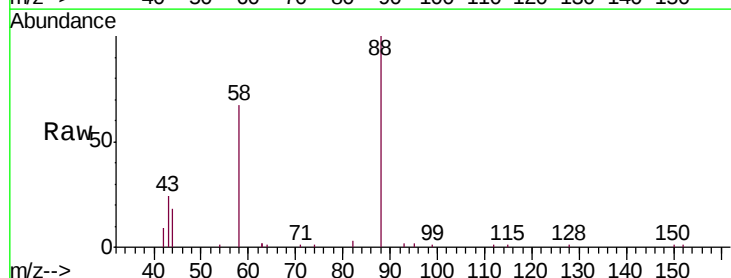
Tgt Ion: 88 Resp: 8043

Ion Ratio Lower Upper

88 100

58 67.0 48.1 72.1

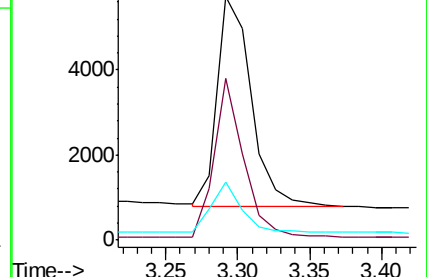
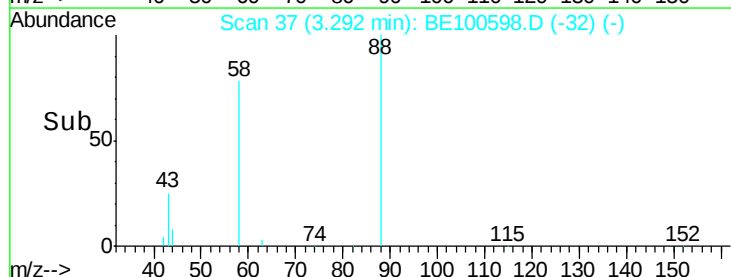
43 21.7 14.4 21.6#

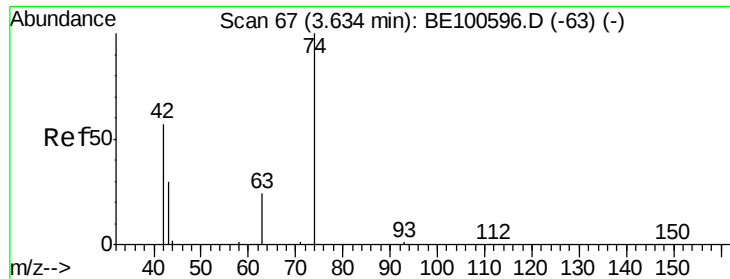


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 1.741 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

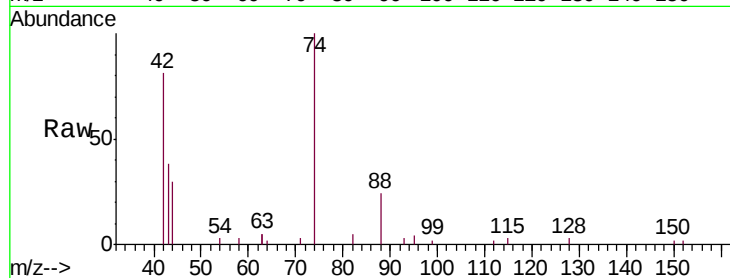
Tgt Ion: 42 Resp: 4407

Ion Ratio Lower Upper

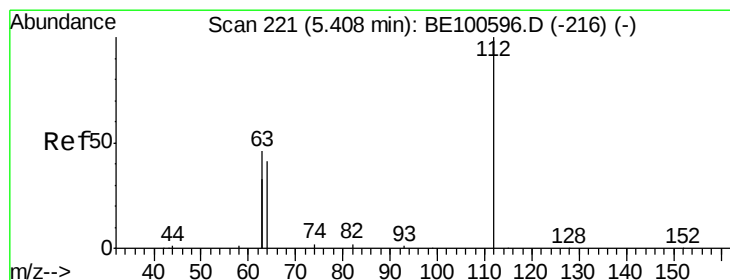
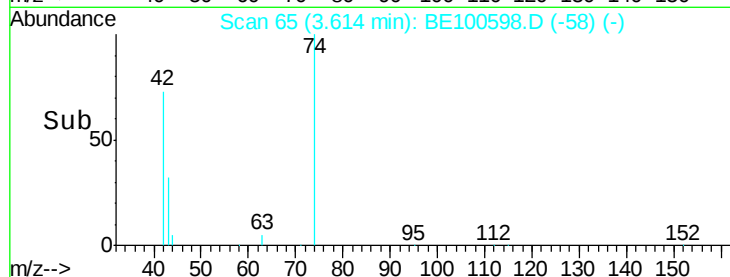
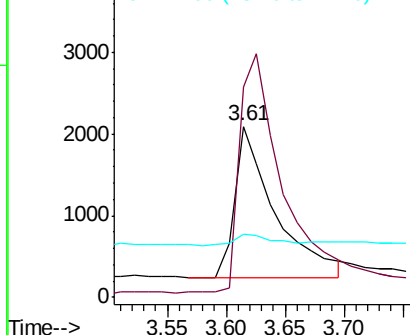
42 100

74 172.1 136.2 204.2

44 6.6 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 1.645 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

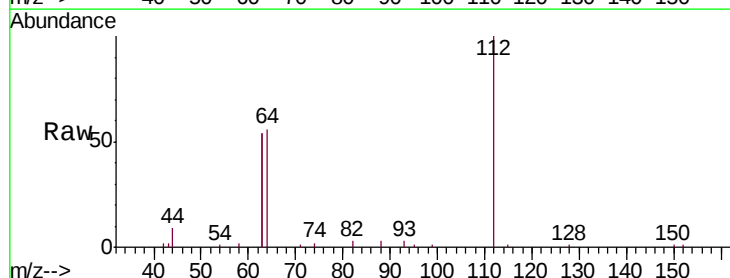
Tgt Ion: 112 Resp: 14474

Ion Ratio Lower Upper

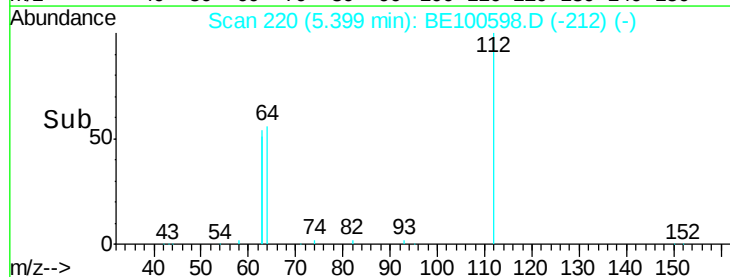
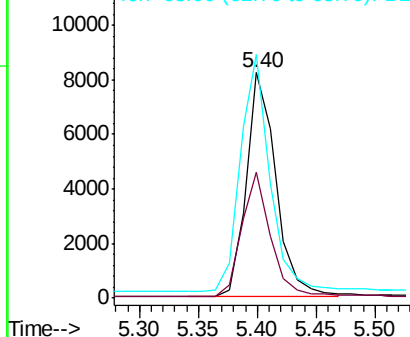
112 100

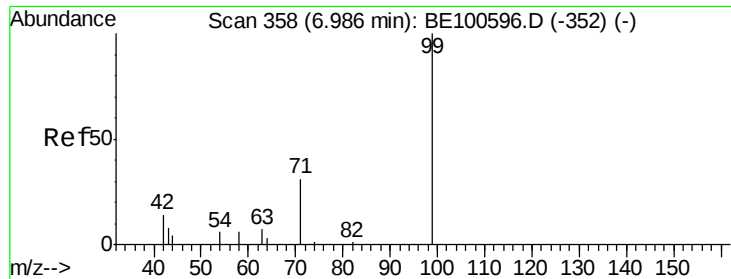
64 53.8 43.7 65.5

63 104.7 84.5 126.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 1.648 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

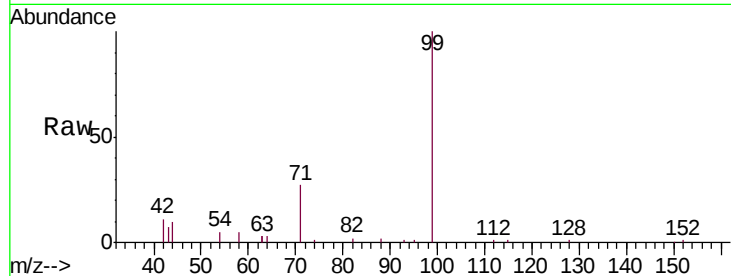
Tgt Ion: 99 Resp: 18741

Ion Ratio Lower Upper

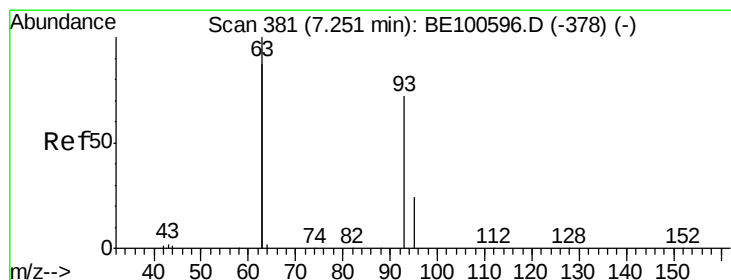
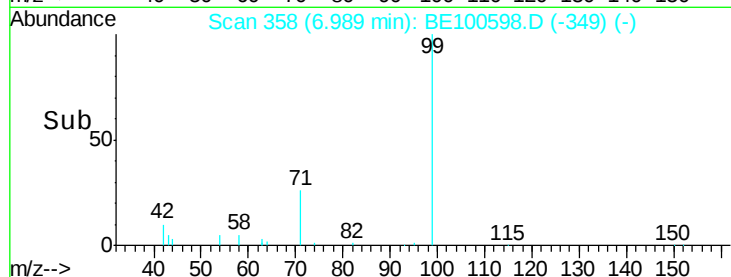
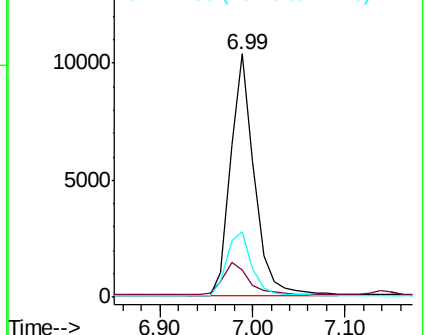
99 100

42 14.1 11.7 17.5

71 28.4 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 1.617 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

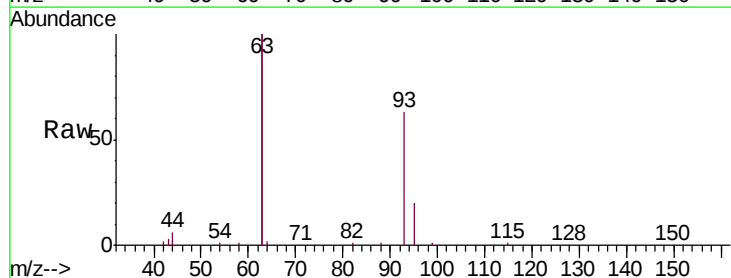
Tgt Ion: 93 Resp: 16956

Ion Ratio Lower Upper

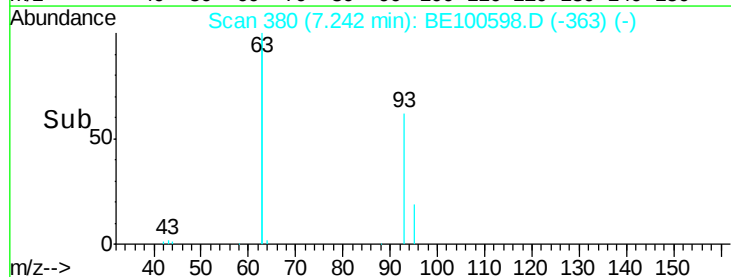
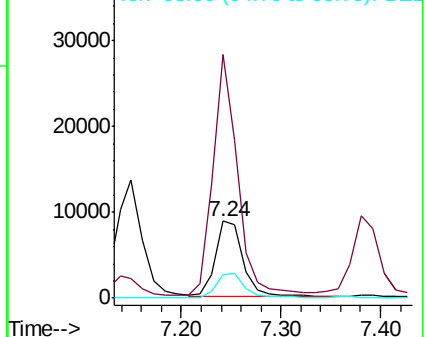
93 100

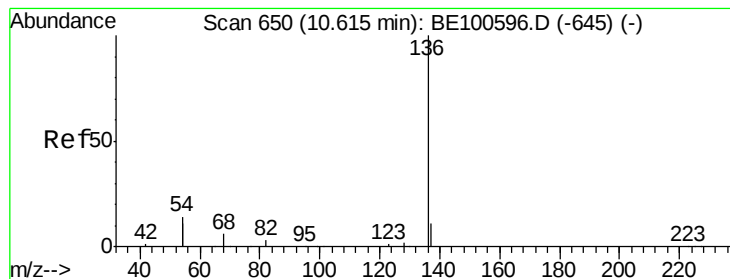
63 281.9 221.0 331.4

95 31.8 25.4 38.0



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 14666

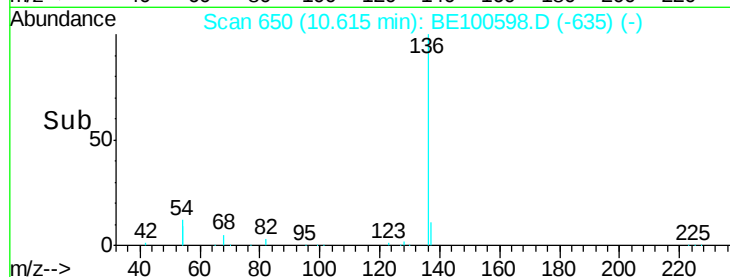
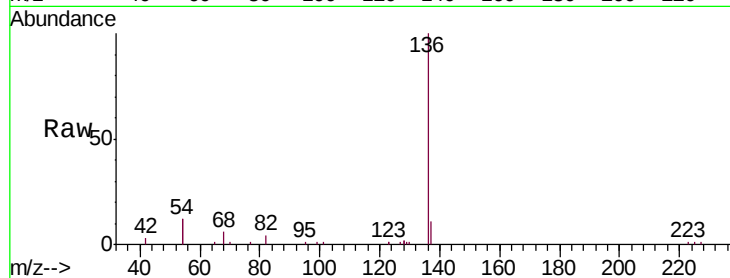
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 24.7 22.4 33.6

68 5.9 5.2 7.8

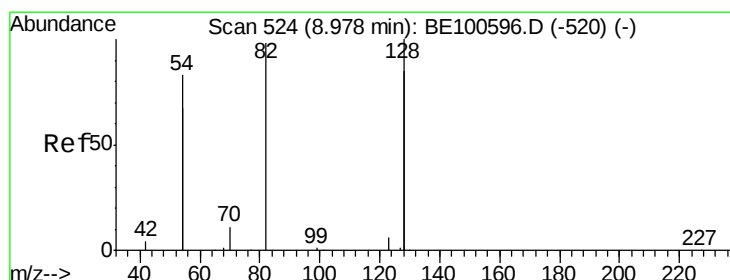
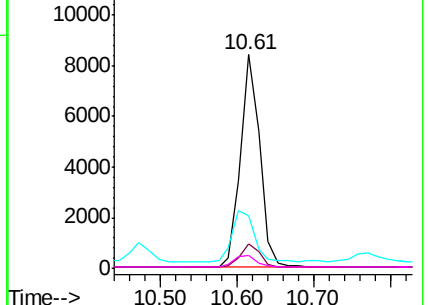


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 1.651 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

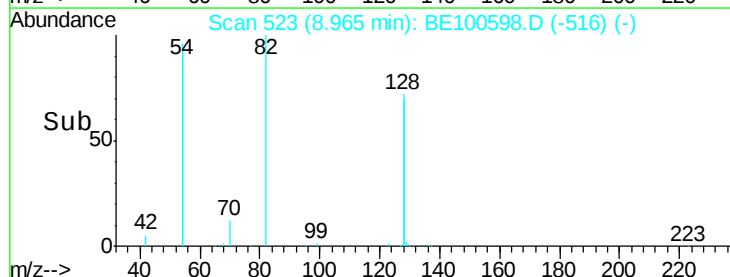
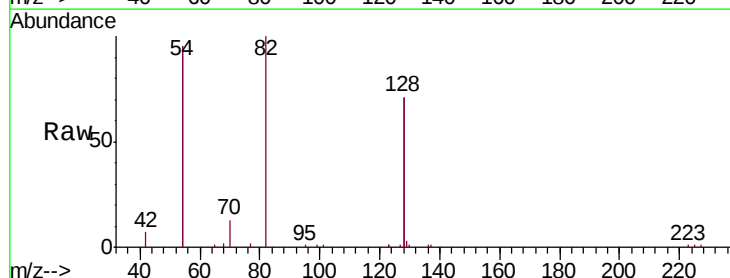
Tgt Ion: 82 Resp: 15691

Ion Ratio Lower Upper

82 100

128 142.5 154.7 232.1#

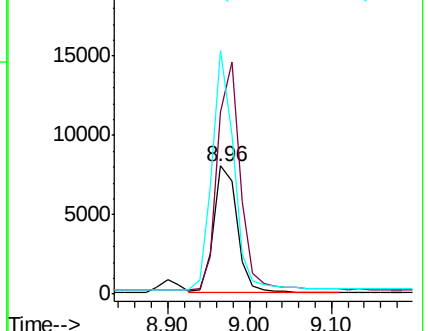
54 190.4 128.5 192.7

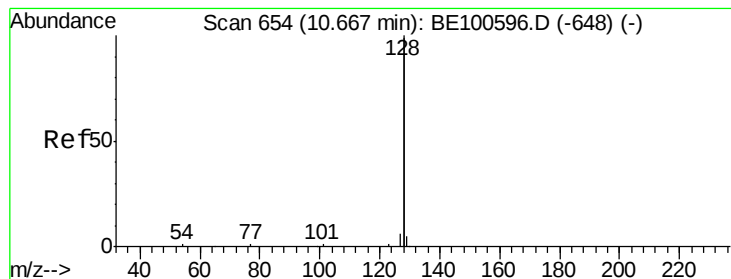


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.657 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

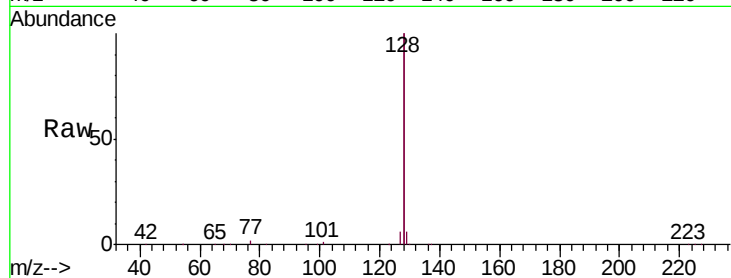
Tgt Ion:128 Resp: 250802

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

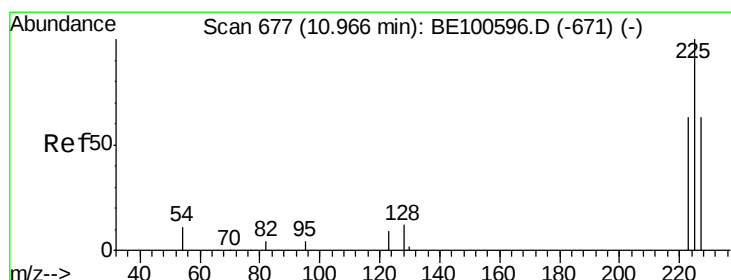
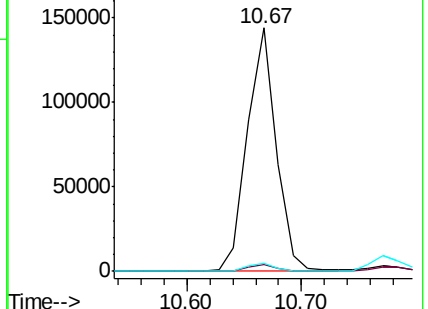
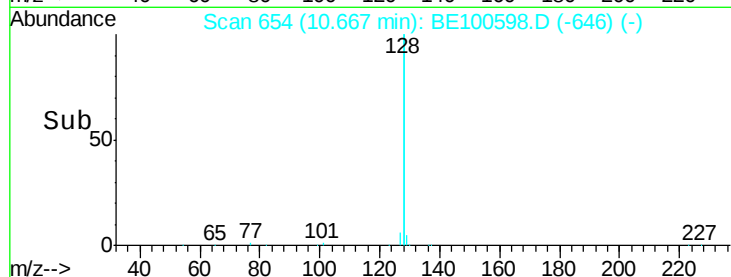
127 3.2 2.6 4.0



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: 1.690 ng

RT: 10.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

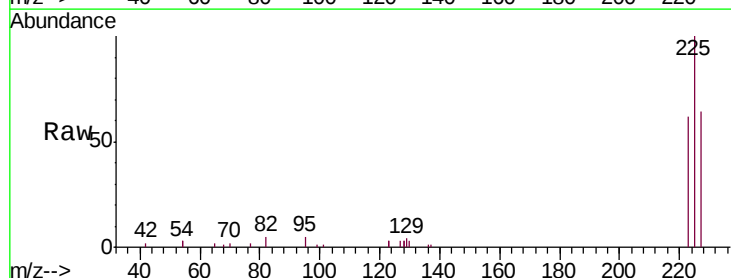
Tgt Ion:225 Resp: 8105

Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

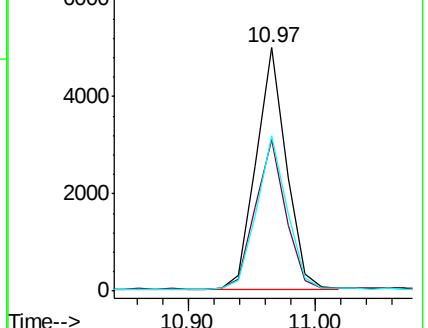
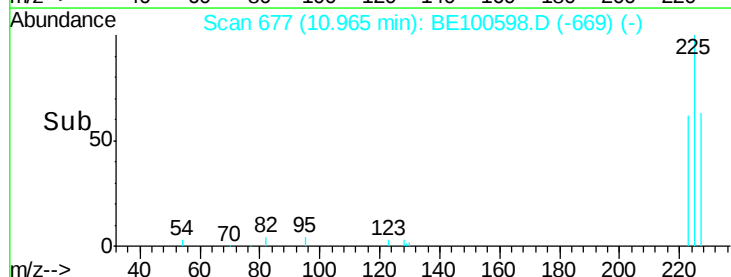
227 63.5 50.1 75.1

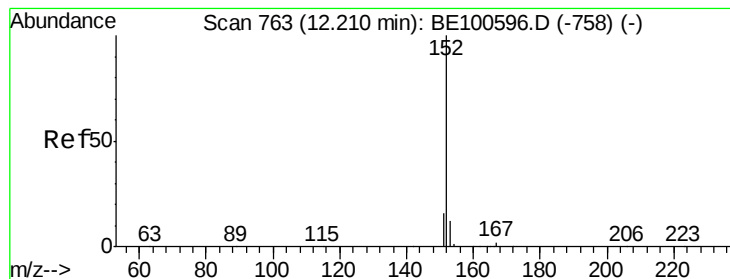


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.704 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

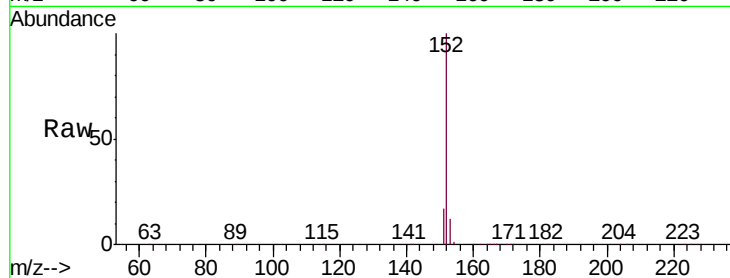
SSTDICC1.6

Tgt Ion:152 Resp: 36935

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

25000

20000

15000

10000

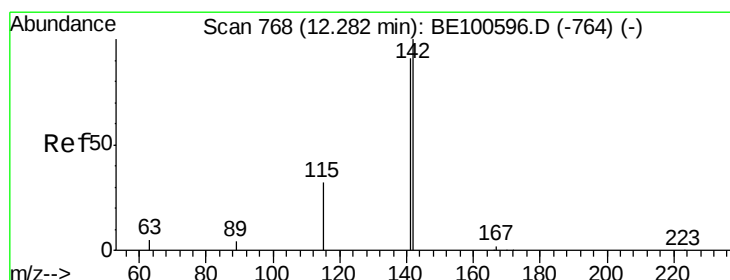
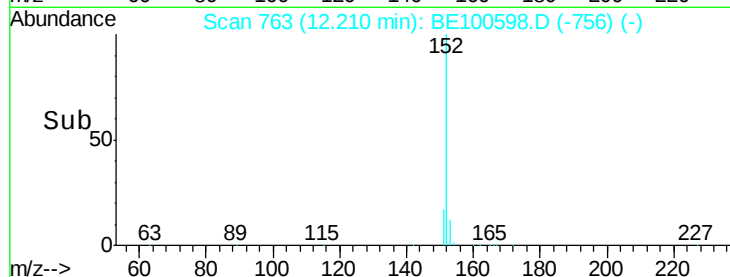
5000

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 1.722 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

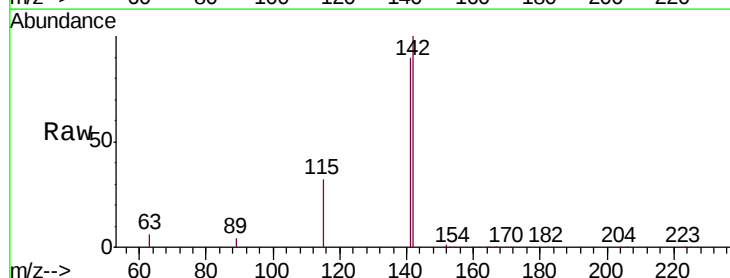
Tgt Ion:142 Resp: 42691

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8

115 32.3 26.6 40.0



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

30000

20000

10000

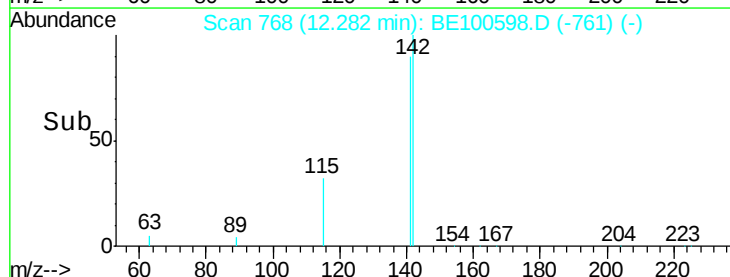
0

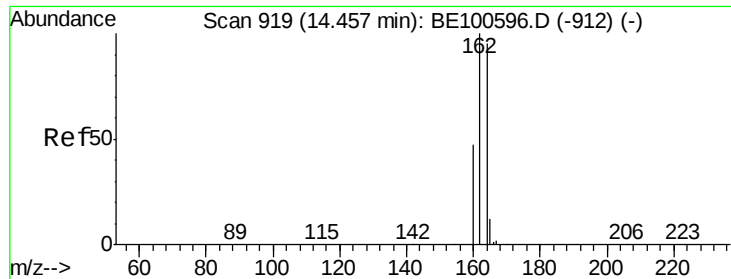
12.20

12.30

12.40

Time-->

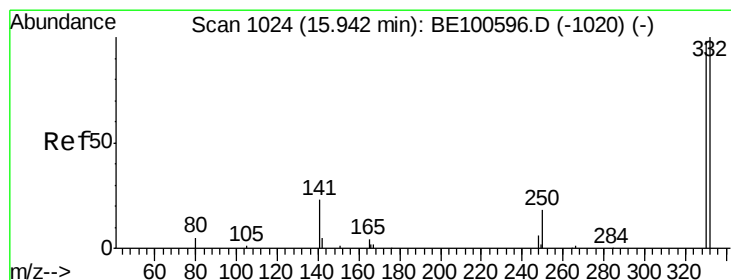
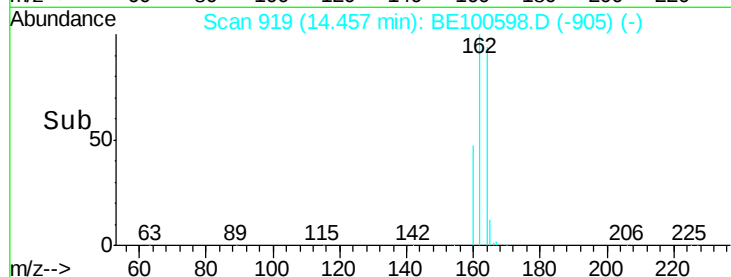
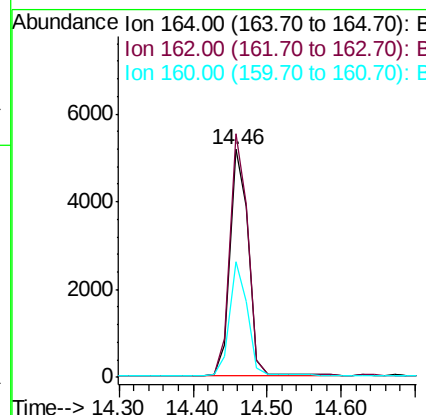
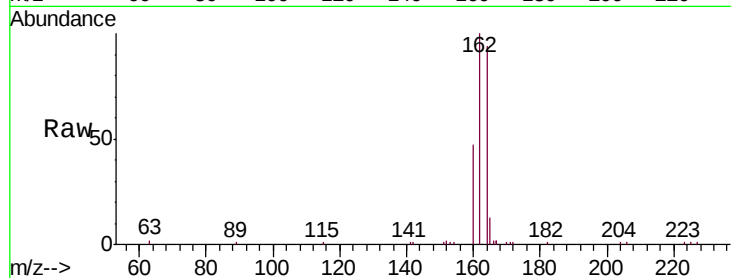




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100598.D
Acq: 3 Oct 2019 15:48

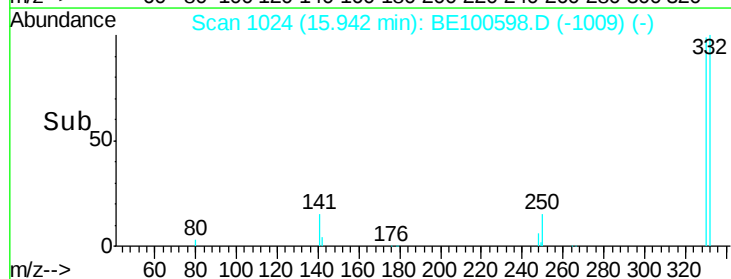
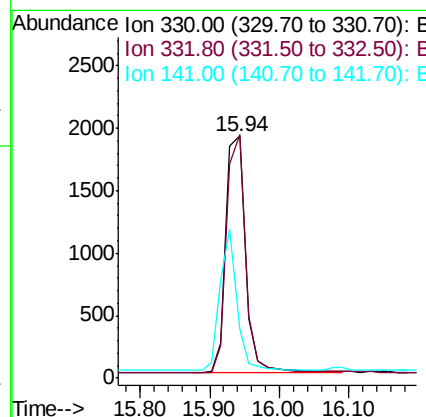
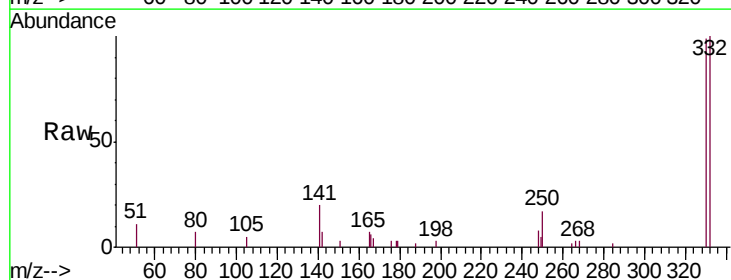
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

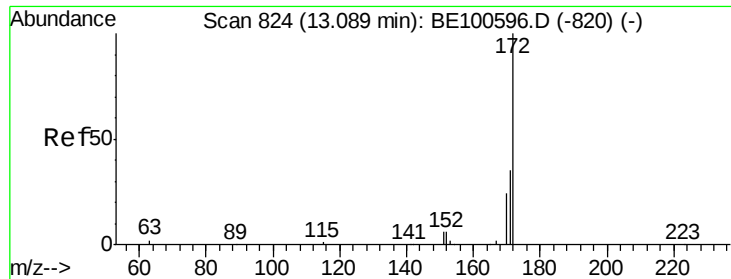
Tgt Ion:164 Resp: 8769
Ion Ratio Lower Upper
164 100
162 106.9 84.2 126.4
160 50.5 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 1.932 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100598.D
Acq: 3 Oct 2019 15:48

Tgt Ion:330 Resp: 3703
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 51.9 39.4 59.0

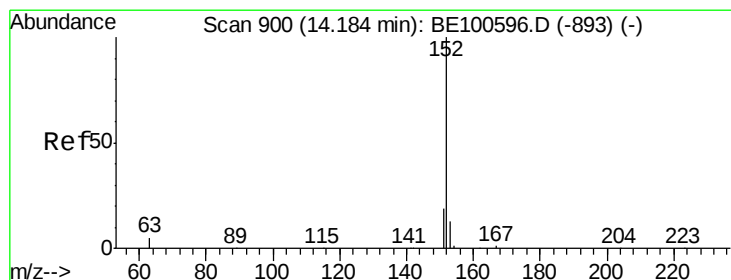
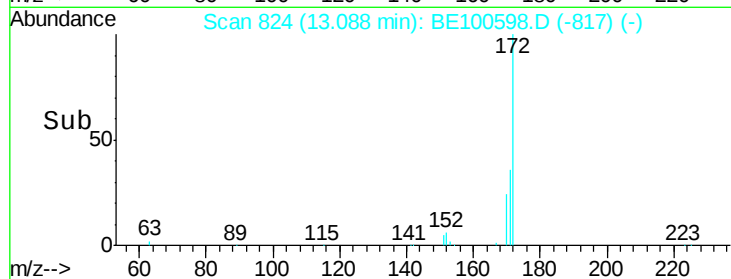
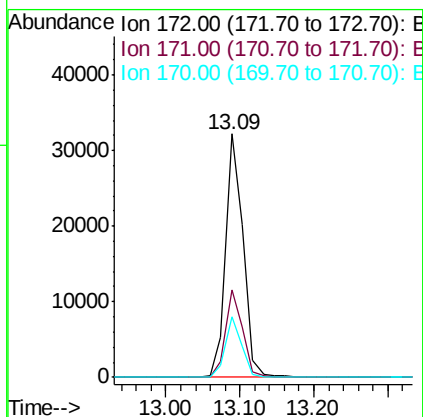
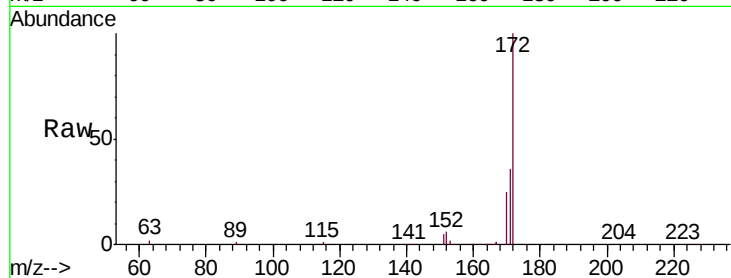




#15
2-Fluorobiphenyl
Concen: 1.653 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100598.D
Acq: 3 Oct 2019 15:48

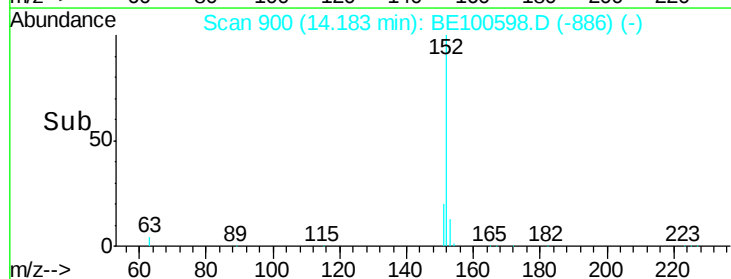
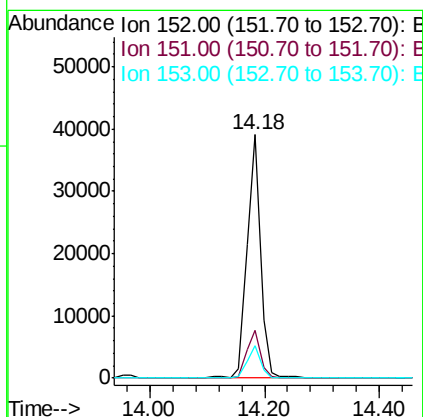
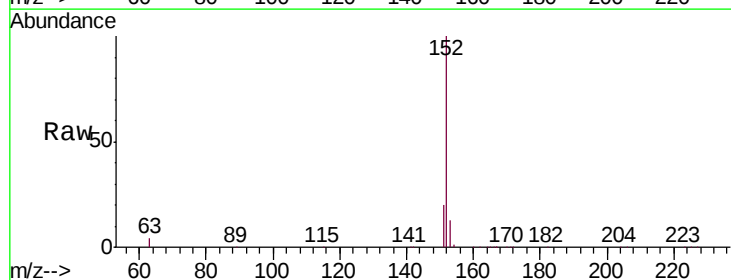
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

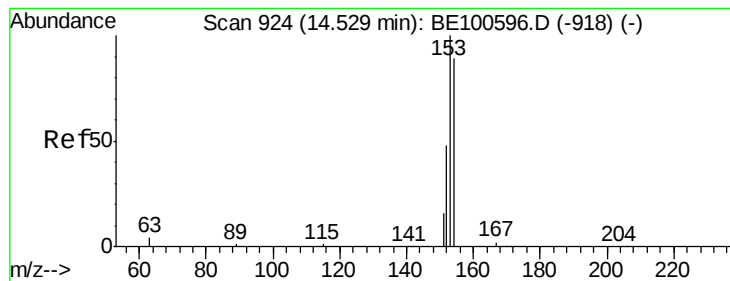
Tgt Ion:172 Resp: 52460
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.6 19.8 29.8



#16
Acenaphthylene
Concen: 1.701 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE100598.D
Acq: 3 Oct 2019 15:48

Tgt Ion:152 Resp: 63629
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 1.660 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

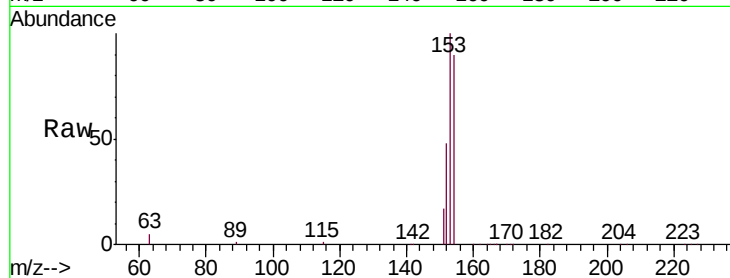
Tgt Ion:154 Resp: 41492

Ion Ratio Lower Upper

154 100

153 113.4 92.3 138.5

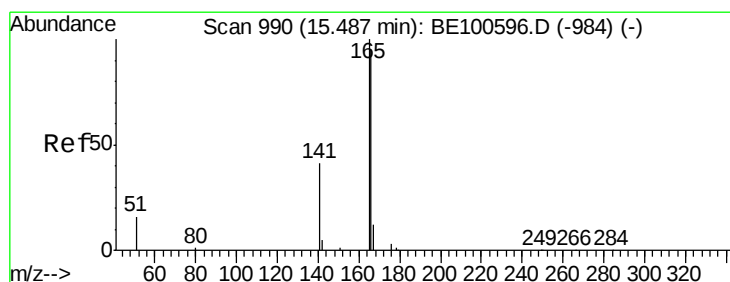
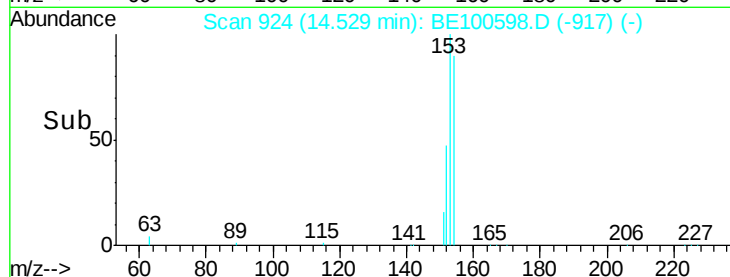
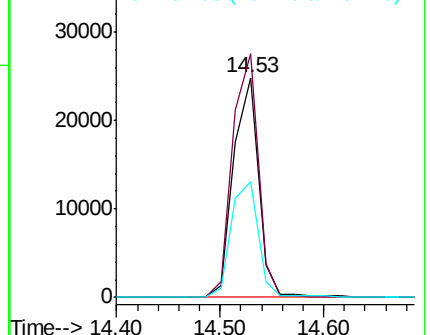
152 56.5 46.2 69.2



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: 1.719 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

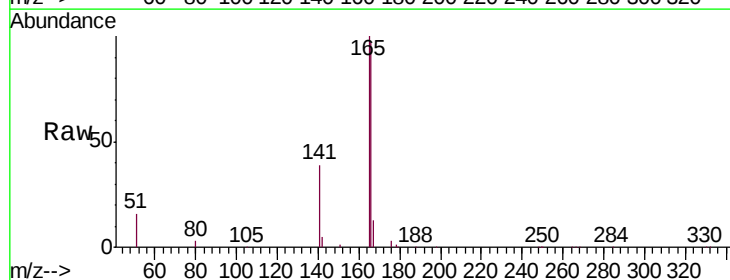
Tgt Ion:166 Resp: 54121

Ion Ratio Lower Upper

166 100

165 99.1 80.4 120.6

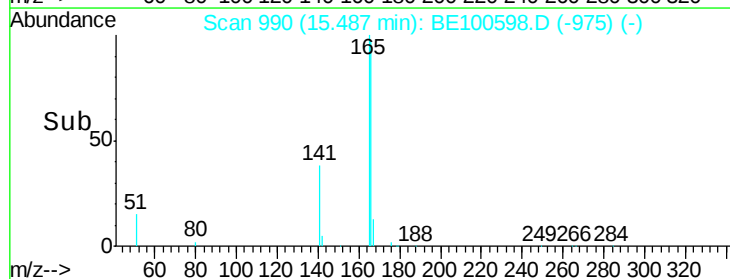
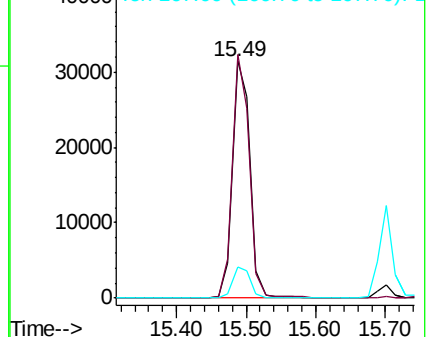
167 13.4 10.6 15.8

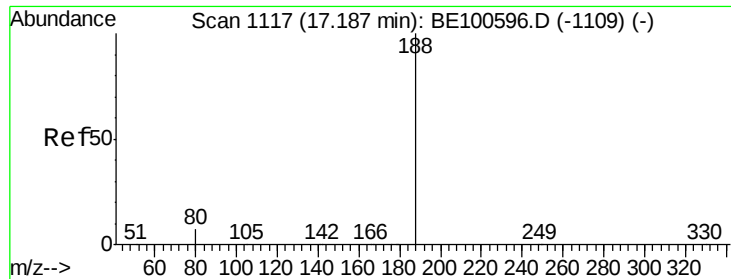


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

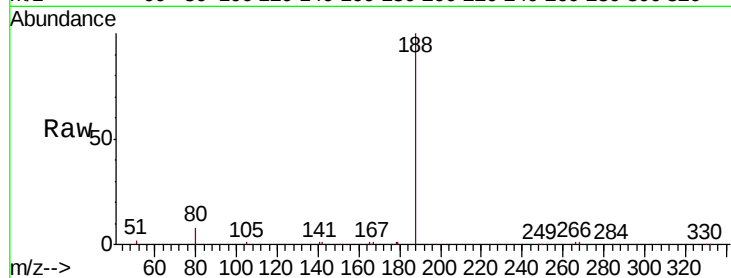
Tgt Ion:188 Resp: 19251

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

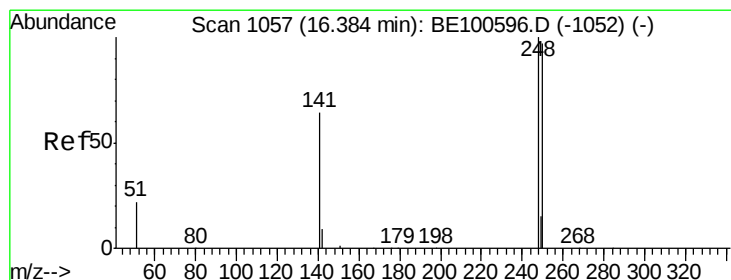
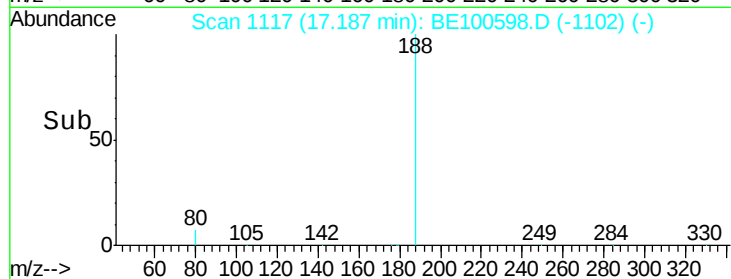
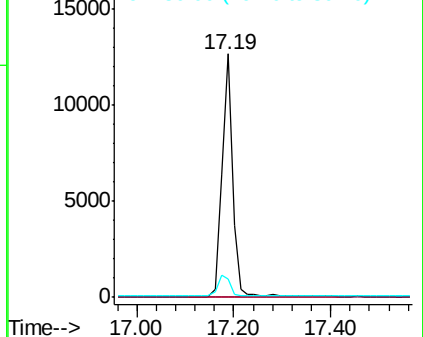
80 7.7 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 1.698 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

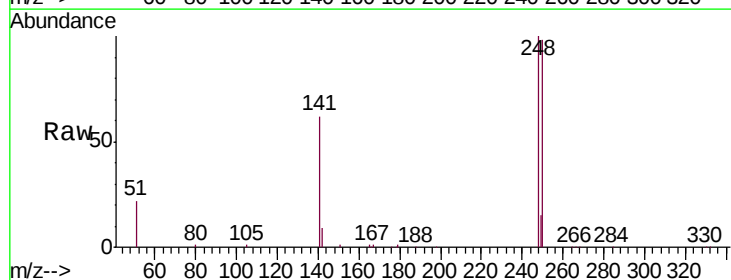
Tgt Ion:248 Resp: 15987

Ion Ratio Lower Upper

248 100

250 97.7 77.4 116.0

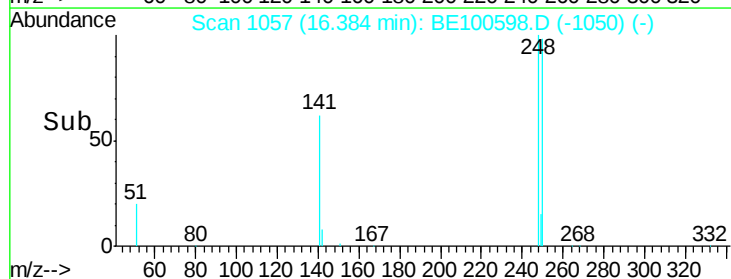
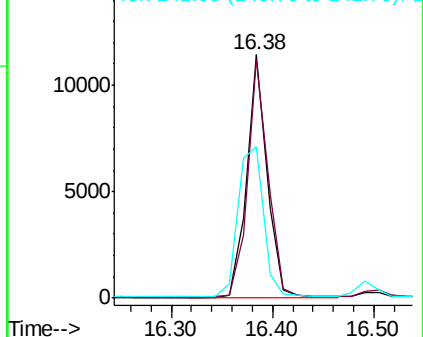
141 62.0 52.1 78.1

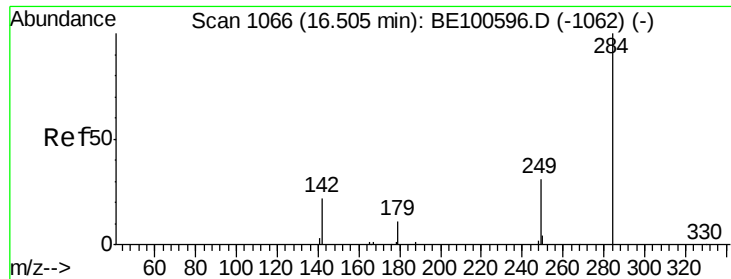


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.717 ng

RT: 16.50 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

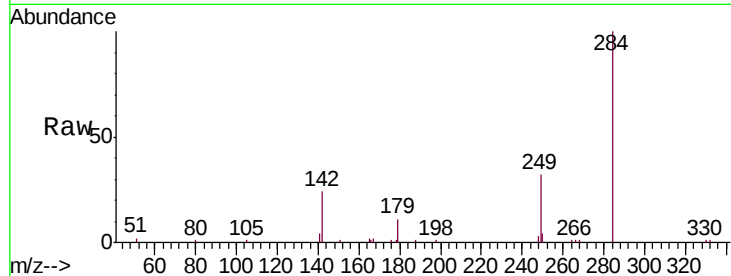
Tgt Ion:284 Resp: 13298

Ion Ratio Lower Upper

284 100

142 45.3 35.1 52.7

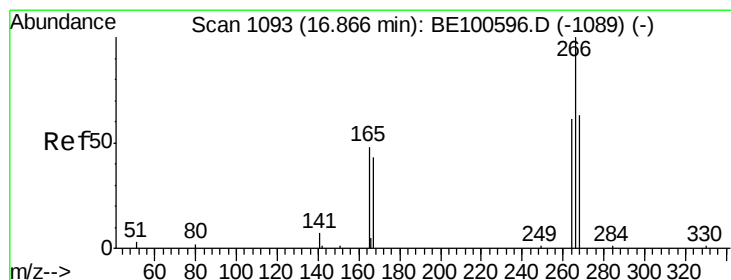
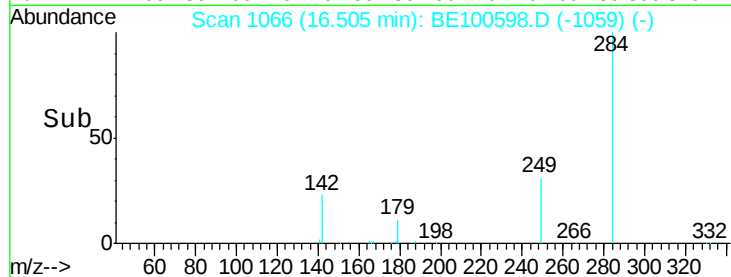
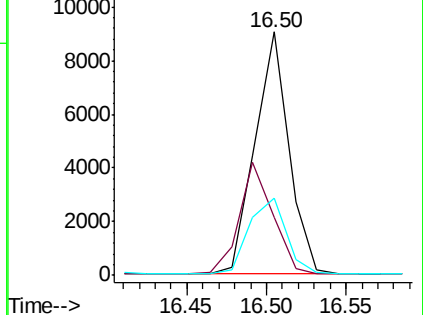
249 34.4 27.2 40.8



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: 1.627 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

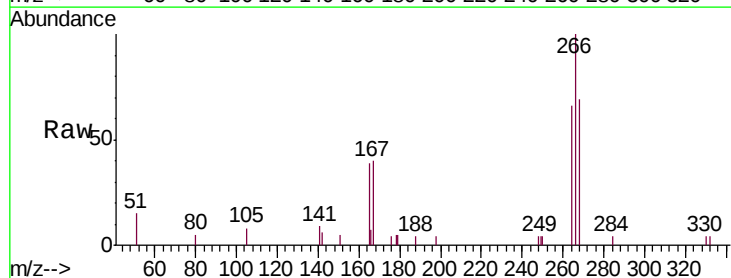
Tgt Ion:266 Resp: 3762

Ion Ratio Lower Upper

266 100

264 65.6 56.3 84.5

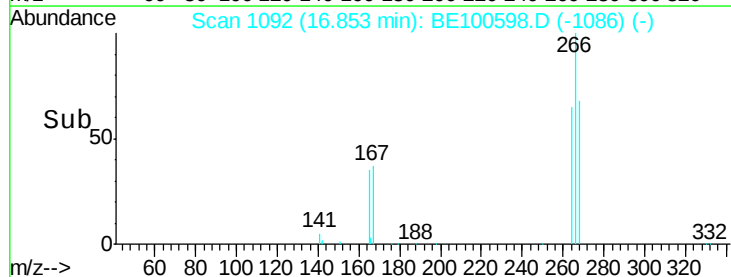
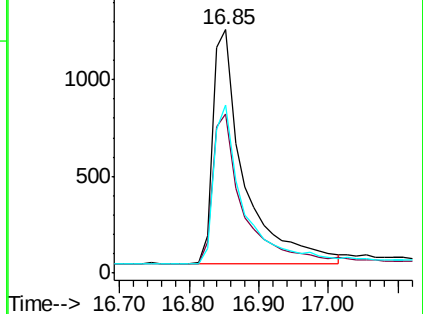
268 69.0 60.3 90.5

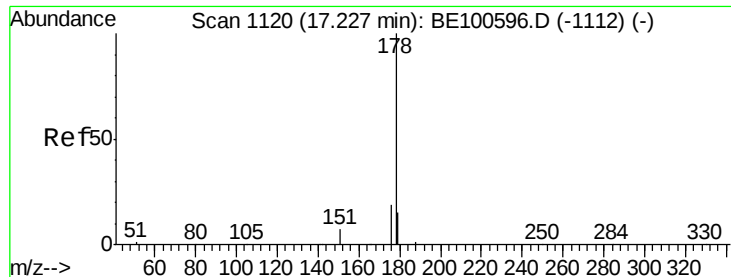


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.684 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

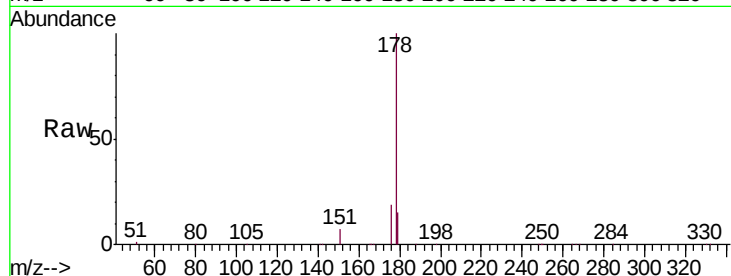
Tgt Ion:178 Resp: 91972

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

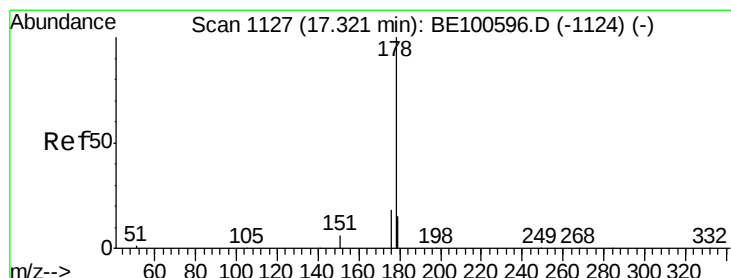
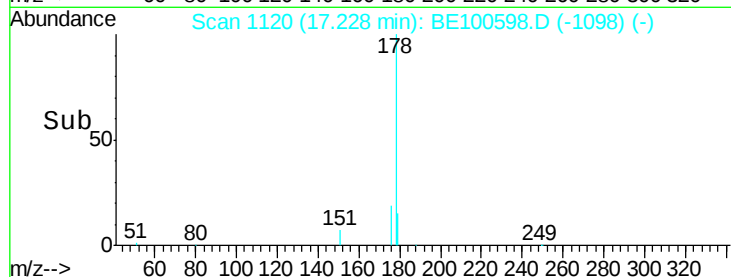
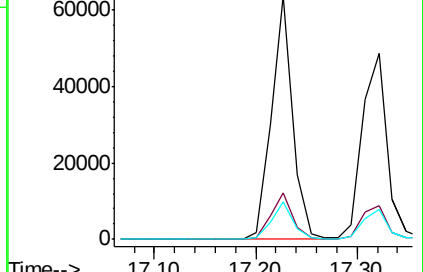
179 15.3 12.3 18.5



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: 1.726 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

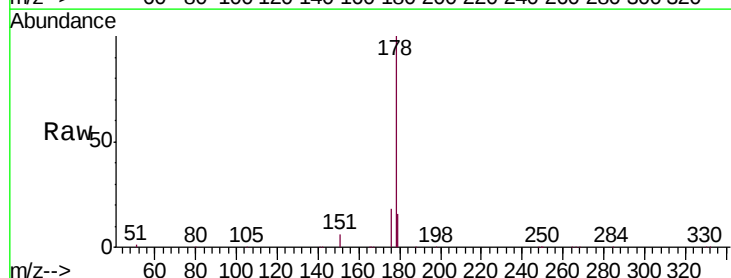
Tgt Ion:178 Resp: 81327

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

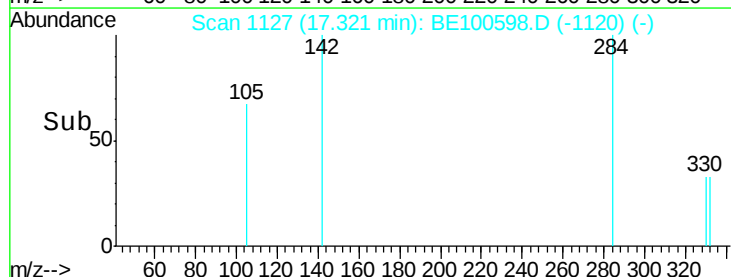
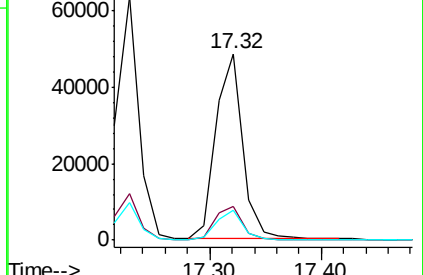
179 15.4 12.2 18.4

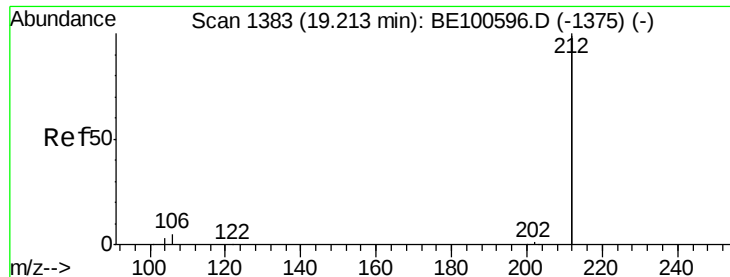


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.677 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

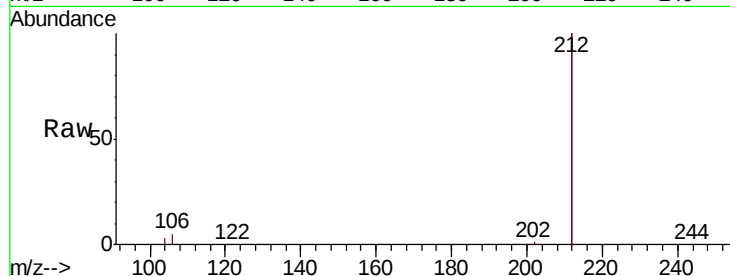
Tgt Ion:212 Resp: 402591

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

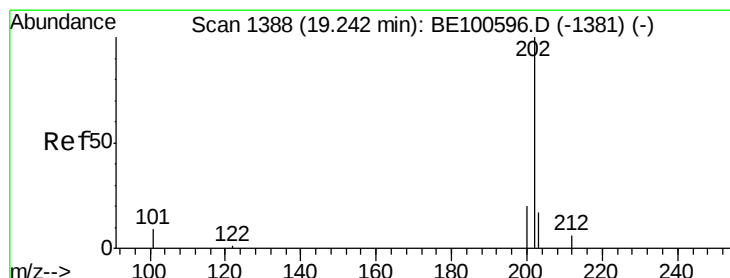
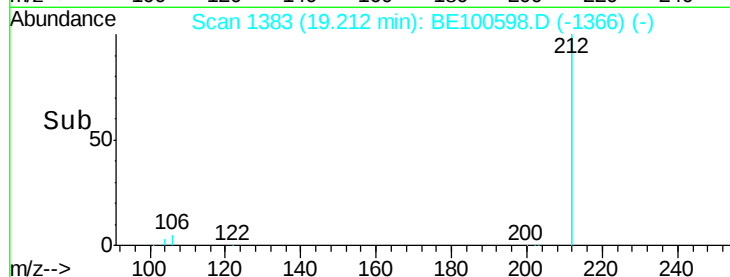
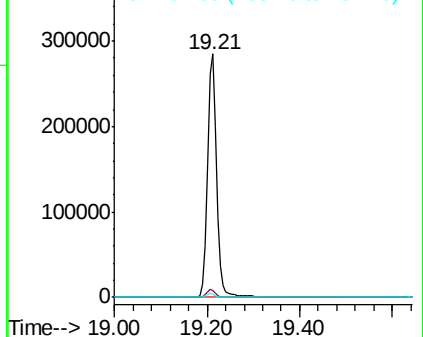
104 1.7 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.707 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

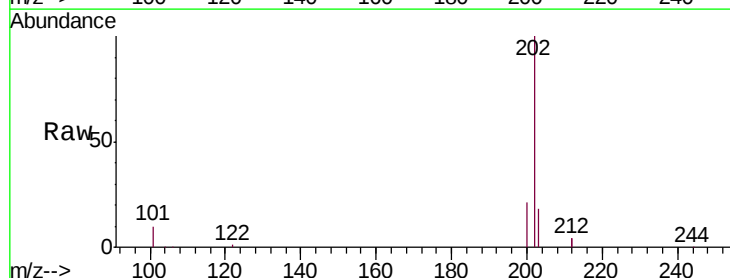
Tgt Ion:202 Resp: 115682

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

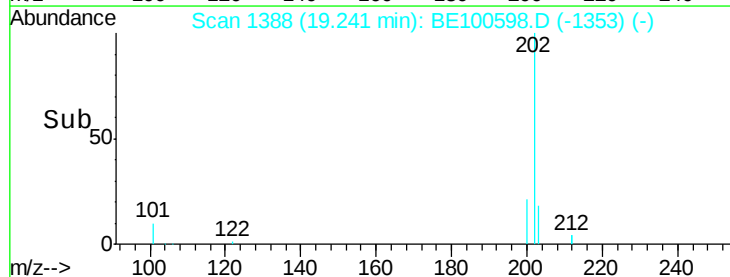
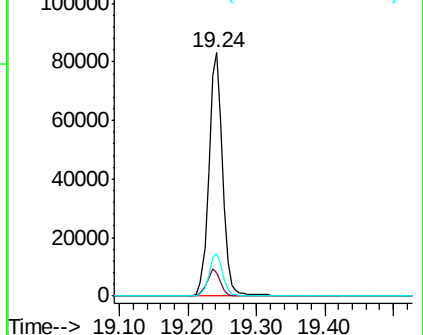
203 17.5 13.8 20.6

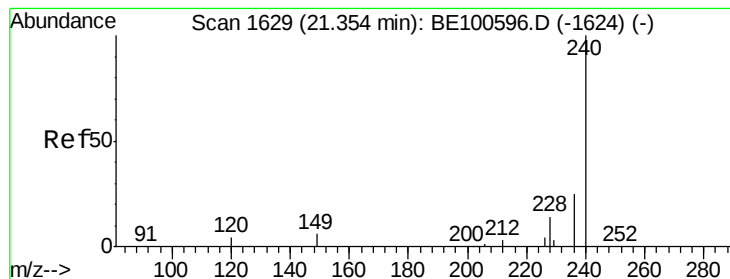


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

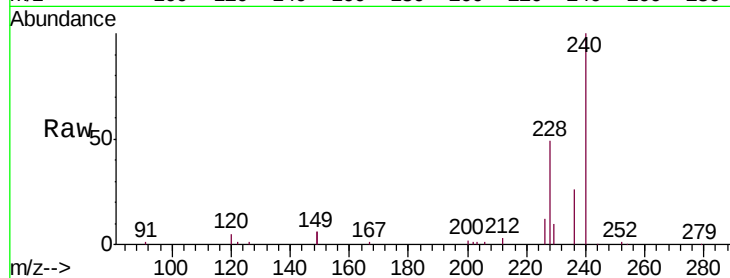
Tgt Ion:240 Resp: 27582

Ion Ratio Lower Upper

240 100

120 4.5 3.6 5.4

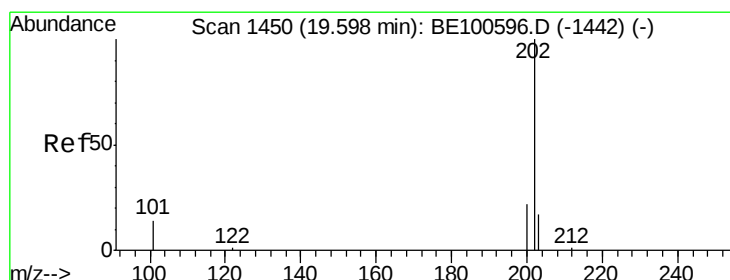
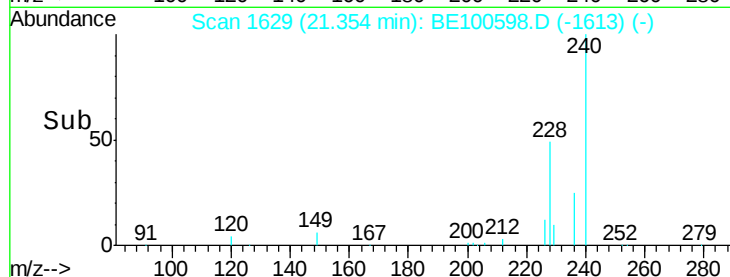
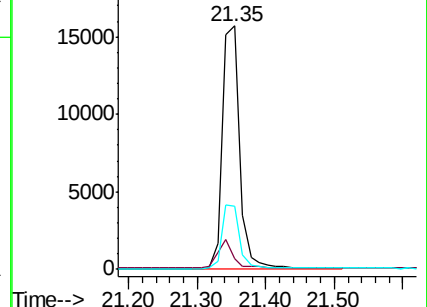
236 25.8 20.5 30.7



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: 1.705 ng

RT: 19.60 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

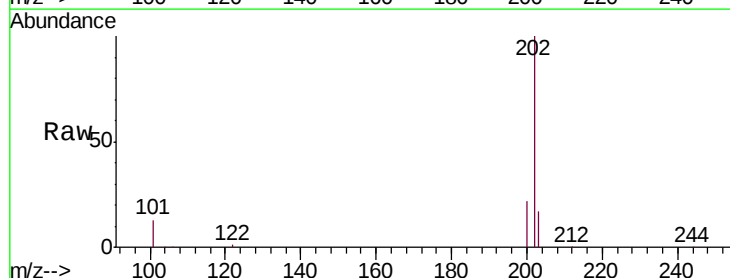
Tgt Ion:202 Resp: 116543

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

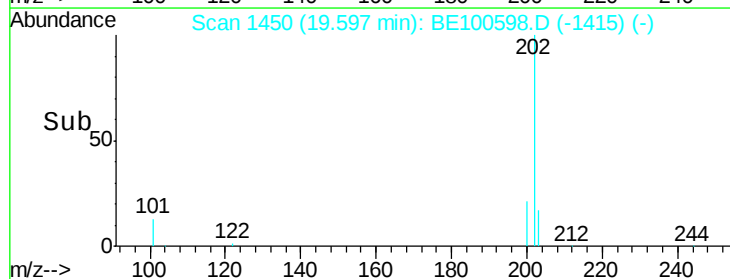
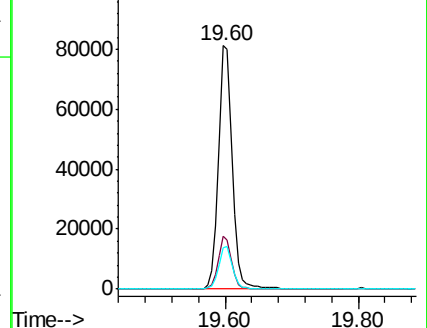
203 17.6 14.1 21.1

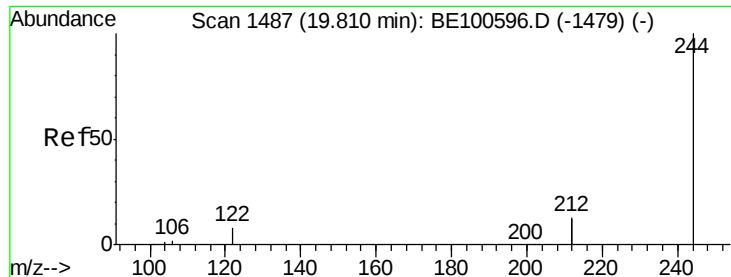


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.724 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

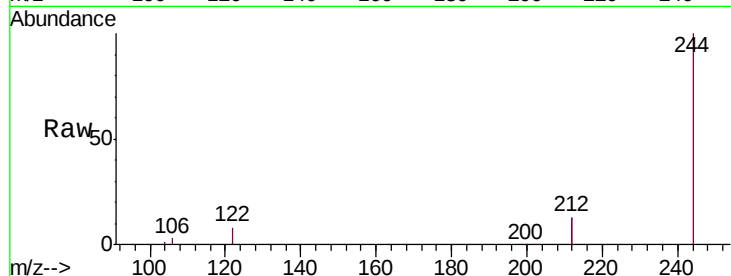
Tgt Ion:244 Resp: 102477

Ion Ratio Lower Upper

244 100

212 25.1 20.6 31.0

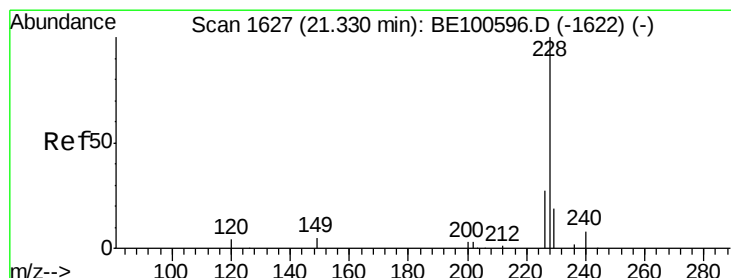
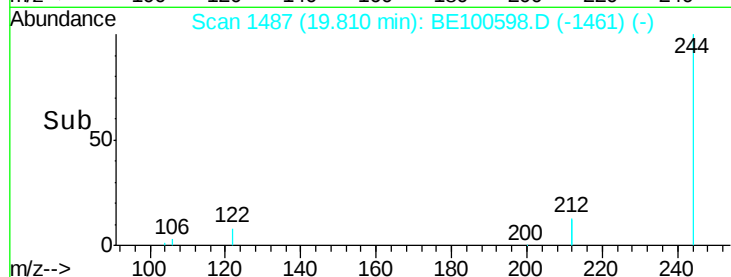
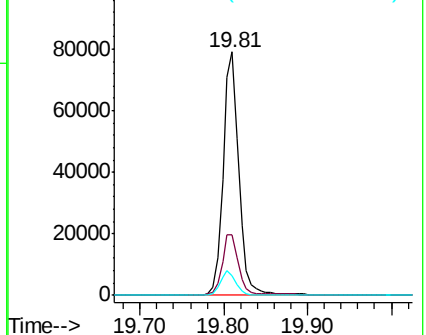
122 8.0 6.5 9.7



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: 1.580 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

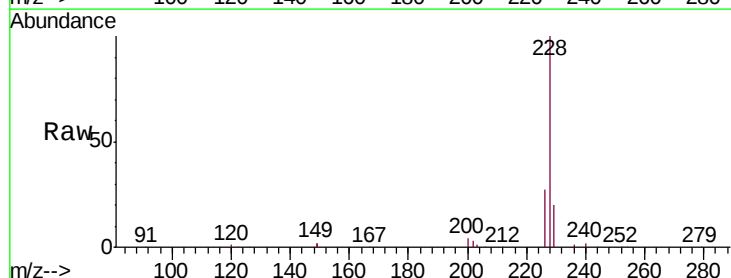
Tgt Ion:228 Resp: 126930

Ion Ratio Lower Upper

228 100

226 27.5 21.5 32.3

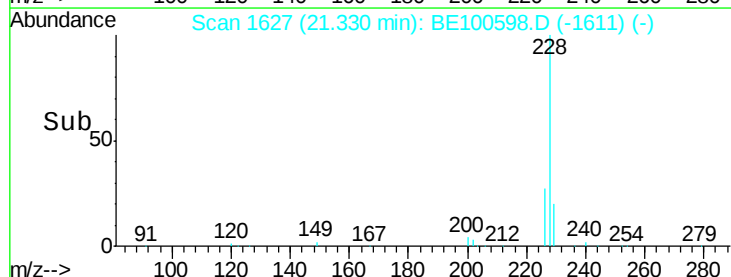
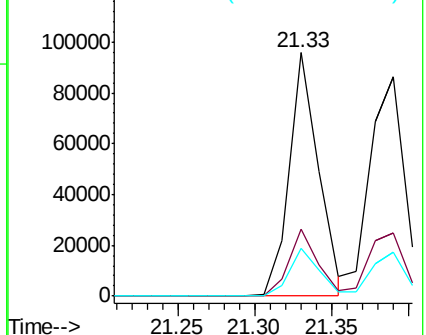
229 19.6 15.6 23.4

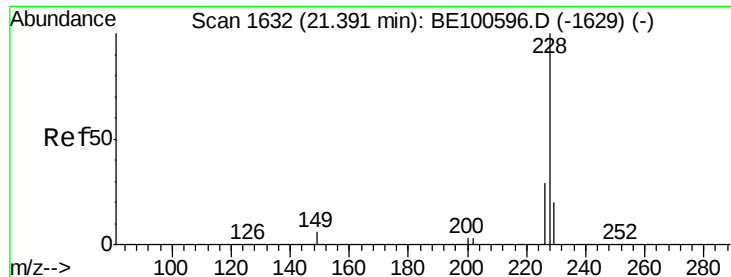


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.639 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

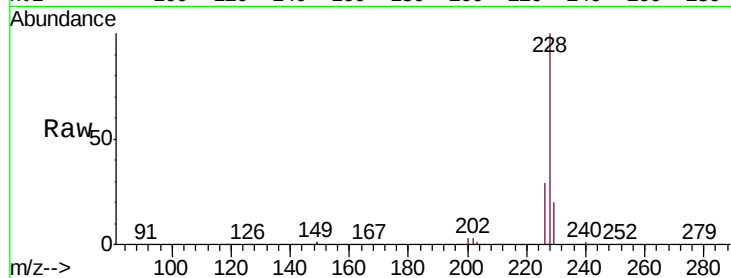
Tgt Ion: 228 Resp: 136212

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

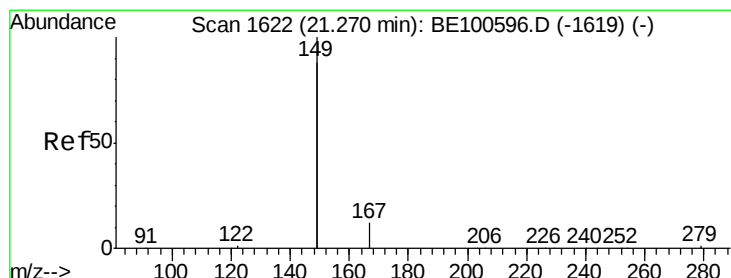
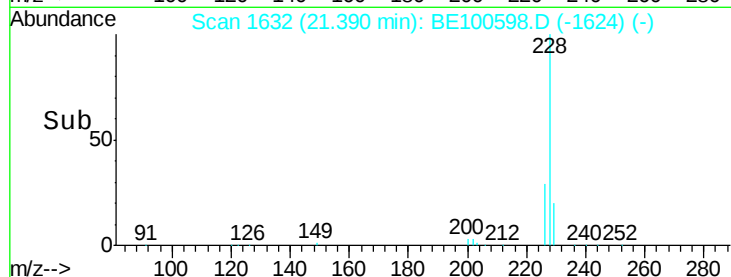
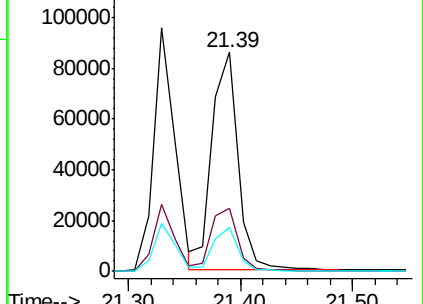
229 20.1 16.3 24.5



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: 1.051 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

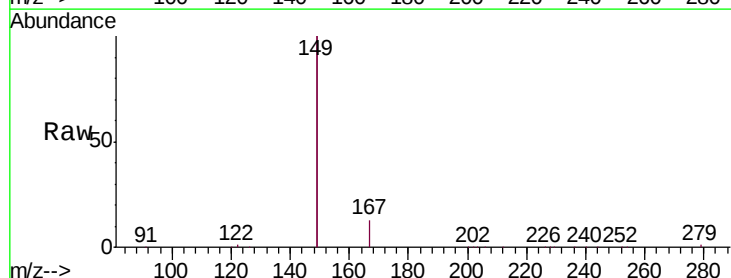
Tgt Ion: 149 Resp: 227119

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

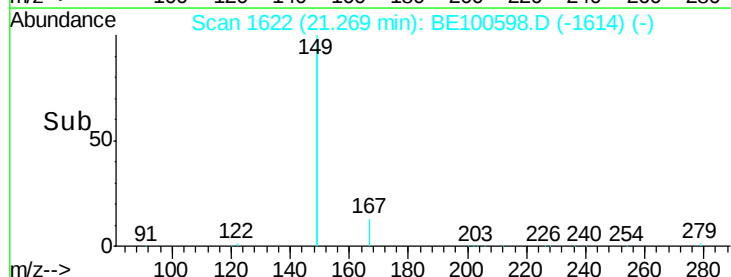
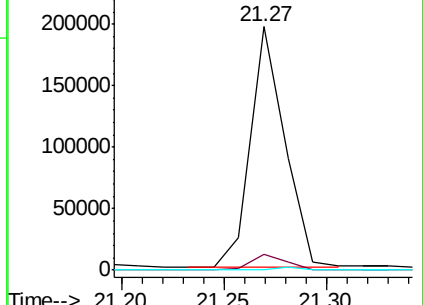
279 1.1 0.9 1.3

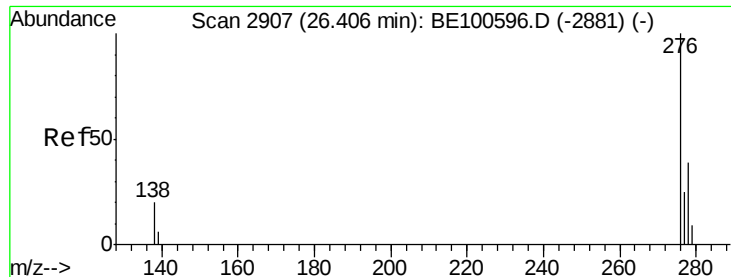


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.640 ng

RT: 26.41 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

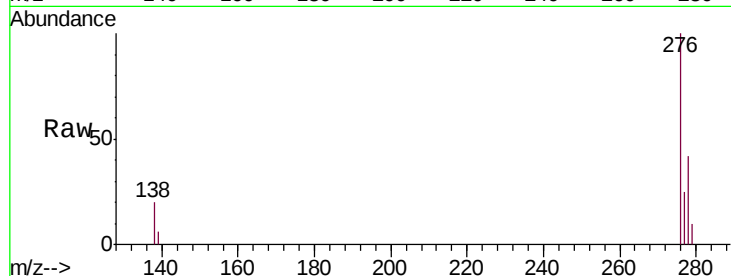
Tgt Ion:276 Resp: 157612

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

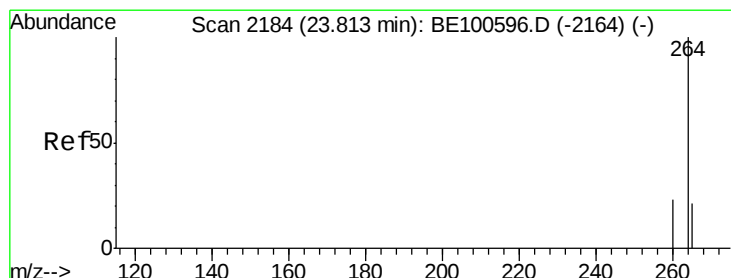
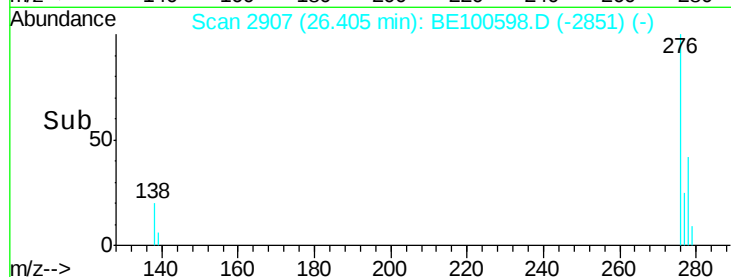
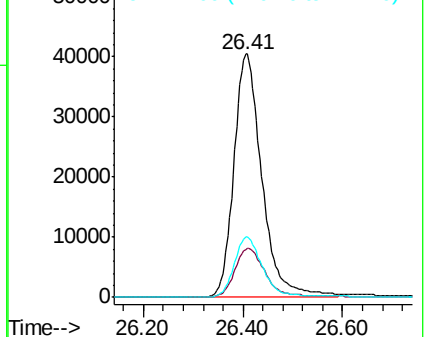
277 25.1 19.8 29.8



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: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

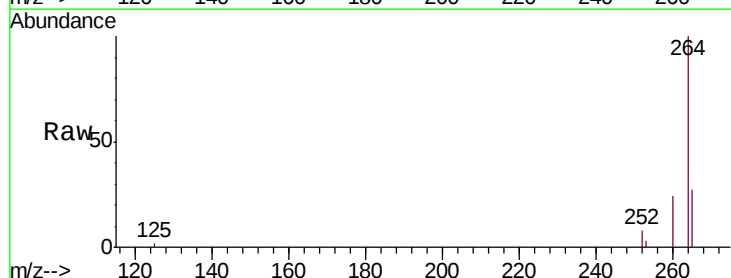
Tgt Ion:264 Resp: 29470

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

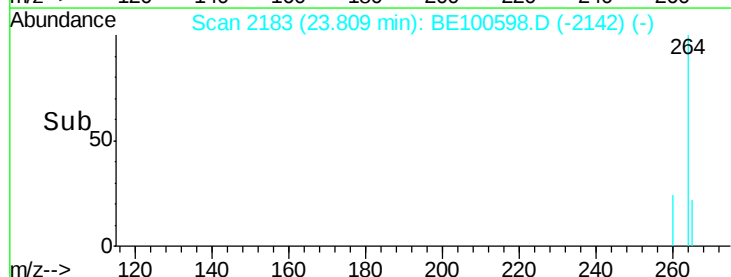
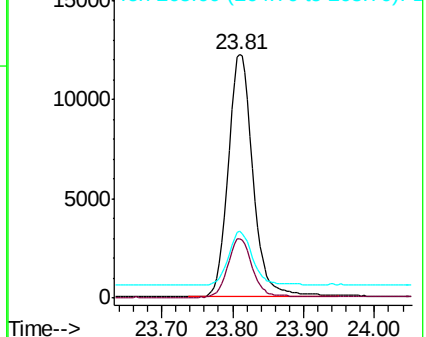
265 27.5 20.9 31.3

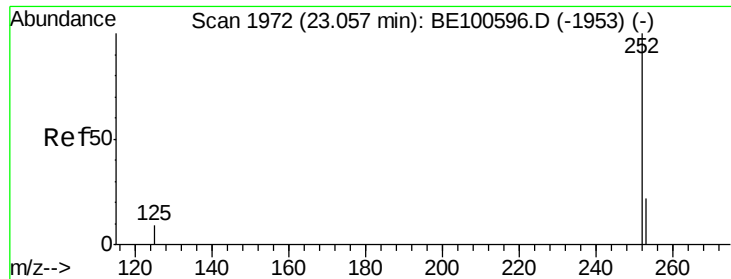


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.688 ng

RT: 23.05 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

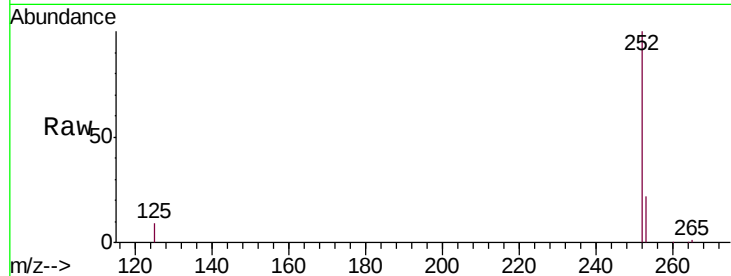
Tgt Ion:252 Resp: 134205

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

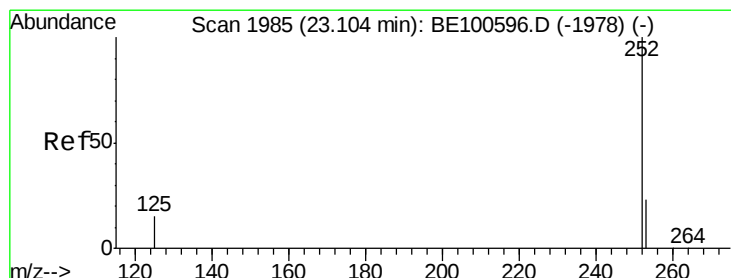
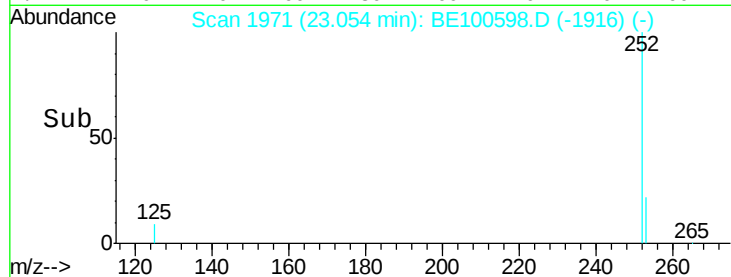
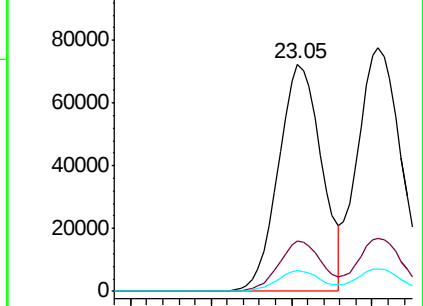
125 9.3 7.9 11.9



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: 1.697 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

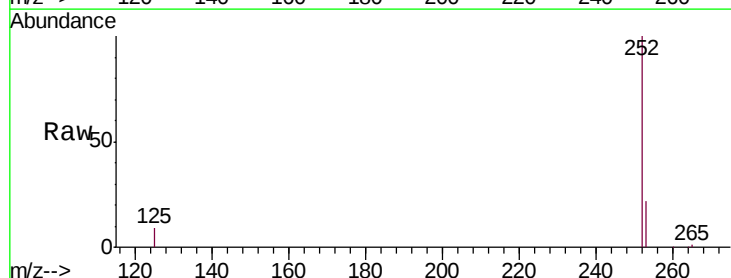
Tgt Ion:252 Resp: 153704

Ion Ratio Lower Upper

252 100

253 22.0 18.6 28.0

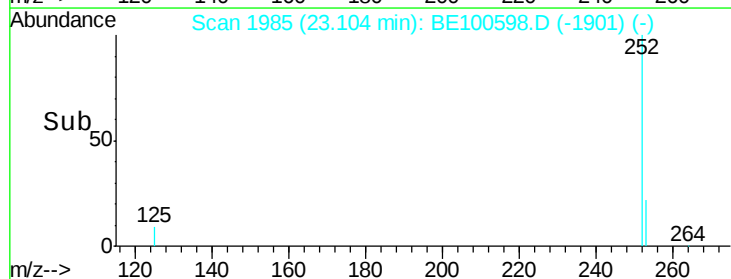
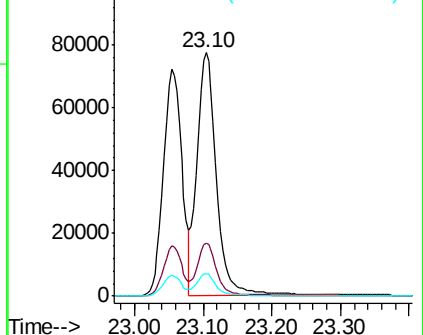
125 9.3 11.4 17.0#

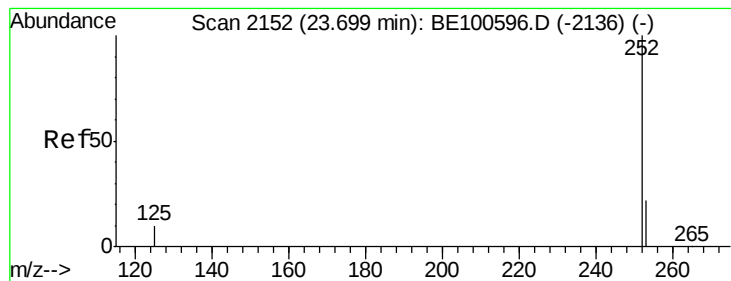


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.691 ng

RT: 23.70 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

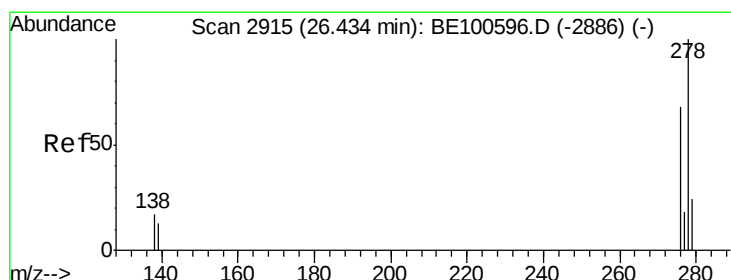
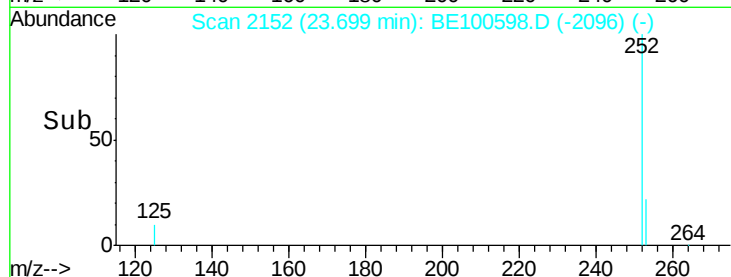
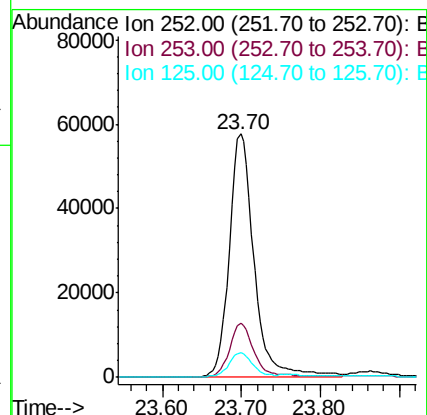
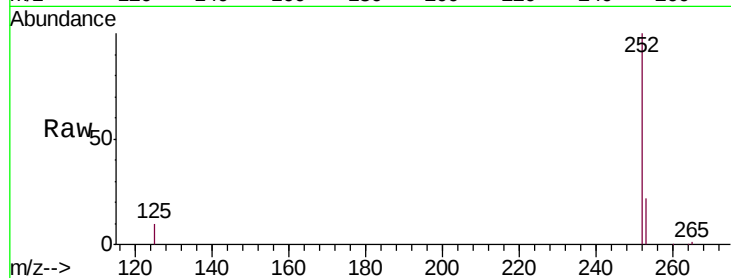
Tgt Ion: 252 Resp: 124826

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 10.1 8.8 13.2



#38

Dibenzo(a,h)anthracene

Concen: 1.749 ng

RT: 26.43 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BE100598.D

Acq: 3 Oct 2019 15:48

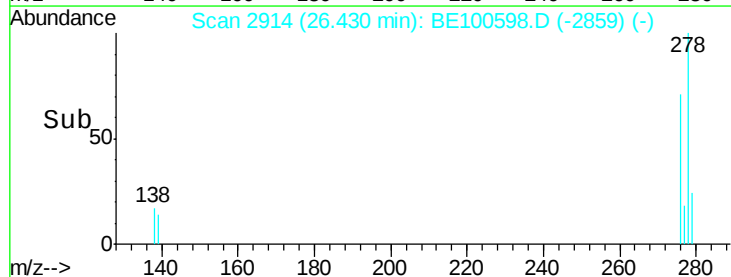
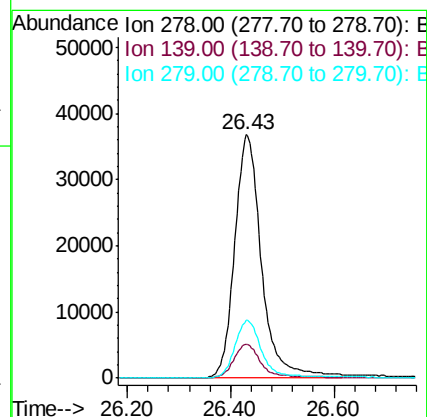
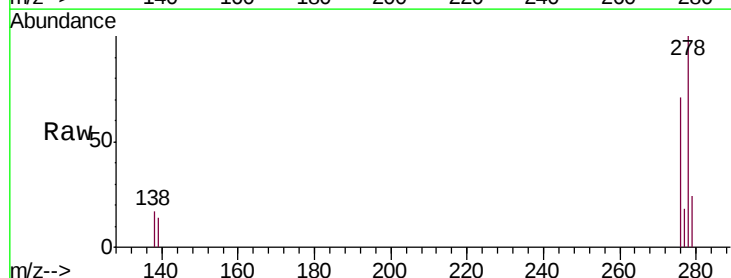
Tgt Ion: 278 Resp: 132621

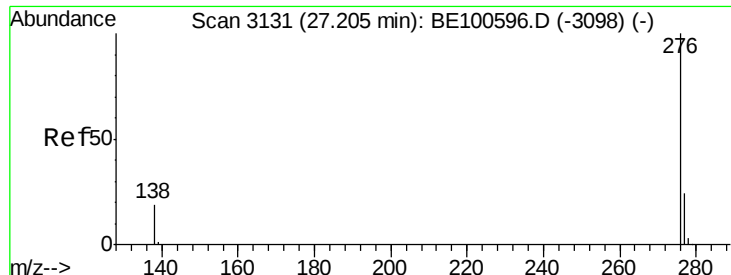
Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

279 24.0 19.7 29.5





#39

Benzo(g,h,i)perylene

Concen: 1.715 ng

RT: 27.21 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BE100598.D

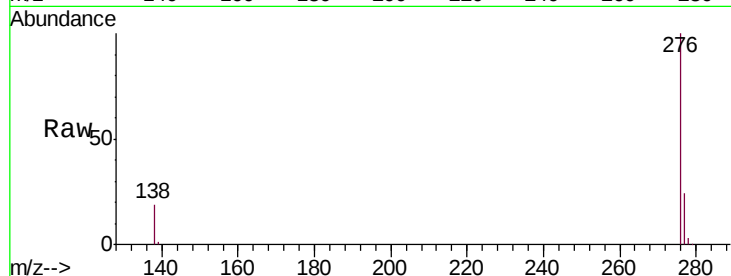
Acq: 3 Oct 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



Tgt Ion: 276 Resp: 131537

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 18.6 15.6 23.4

