

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100230.D
 Acq On : 28 Jun 2019 11:37
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 28 12:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 12:13:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	637	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2233	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1759	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5410	0.40	ng	0.00
27) Chrysene-d12	21.24	240	8141	0.40	ng	0.00
34) Perylene-d12	23.66	264	9968	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2599	1.84	ng	0.00
5) Phenol-d6	6.82	99	3470	1.78	ng	-0.01
8) Nitrobenzene-d5	8.81	82	3722	1.67	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	6723	1.61	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2124	2.09	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	10779	1.53	ng	-0.01
25) Fluoranthene-d10	19.10	212	127236	1.63	ng	0.00
29) Terphenyl-d14	19.69	244	27185	1.70	ng	0.00

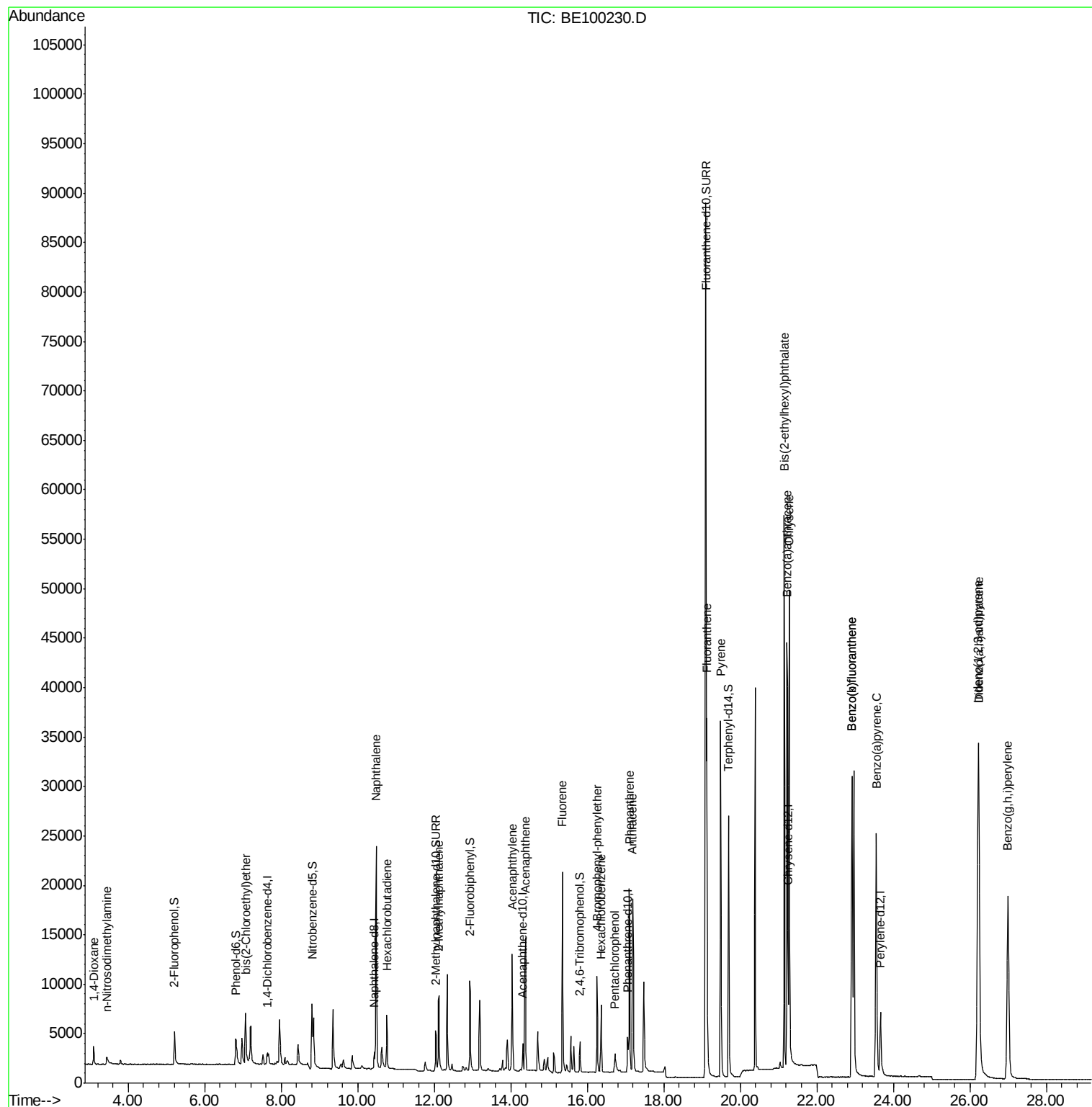
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1467	1.472	ng	98
3) n-Nitrosodimethylamine	3.44	42	788	2.136	ng	# 90
6) bis(2-Chloroethyl)ether	7.08	93	2782	1.560	ng	# 62
9) Naphthalene	10.48	128	38492	1.579	ng	# 97
10) Hexachlorobutadiene	10.76	225	3716	1.477	ng	97
12) 2-Methylnaphthalene	12.12	142	6767	1.725	ng	95
16) Acenaphthylene	14.04	152	13651	1.592	ng	98
17) Acenaphthene	14.38	154	7823	1.627	ng	98
18) Fluorene	15.35	166	11598	1.668	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	5684	1.693	ng	# 85
21) Hexachlorobenzene	16.36	284	5787	1.571	ng	97
22) Pentachlorophenol	16.72	266	2011	2.320	ng	91
23) Phenanthrene	17.09	178	22049	1.721	ng	100
24) Anthracene	17.19	178	20445	1.889	ng	100
26) Fluoranthene	19.13	202	34449	1.652	ng	100
28) Pyrene	19.49	202	35314	1.694	ng	100
30) Benzo(a)anthracene	21.22	228	43600	1.817	ng	99
31) Chrysene	21.28	228	43476	1.544	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	61663	2.235	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	57094	1.425	ng	99
35) Benzo(b)fluoranthene	22.92	252	44758	1.669	ng	# 95
36) Benzo(k)fluoranthene	22.92	252	44758	1.395	ng	99
37) Benzo(a)pyrene	23.55	252	43733	1.574	ng	# 92
38) Dibenzo(a,h)anthracene	26.24	278	46473	1.564	ng	# 96
39) Benzo(g,h,i)perylene	27.00	276	47013	1.515	ng	97

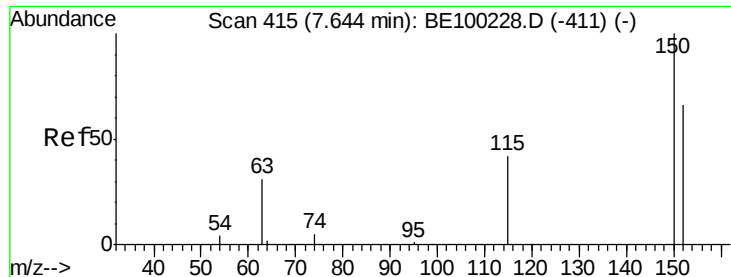
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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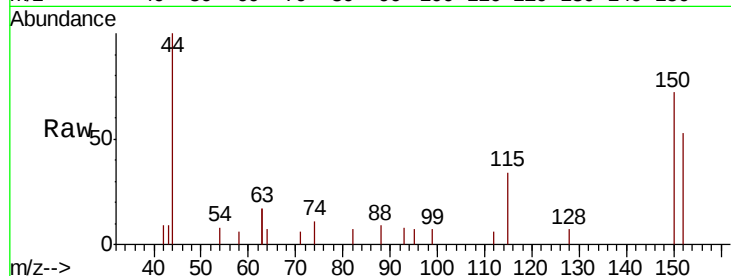


#1

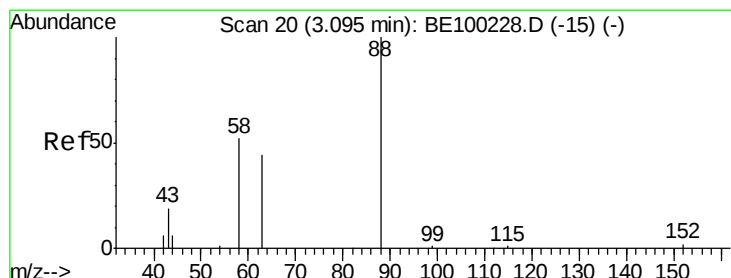
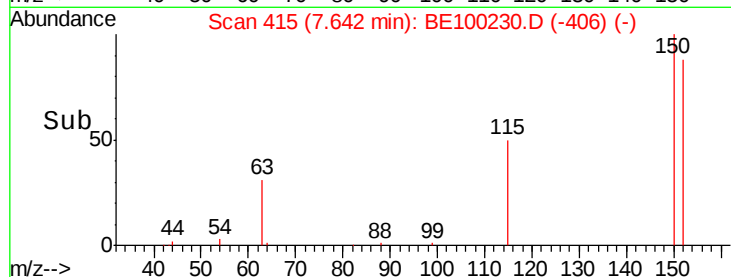
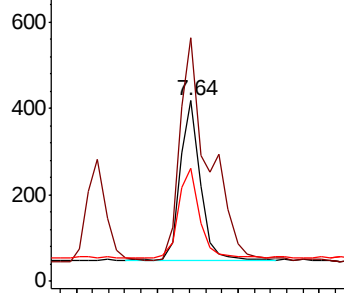
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 637
Ion Ratio Lower Upper
152 100
150 135.0 114.5 171.7
115 62.8 57.1 85.7



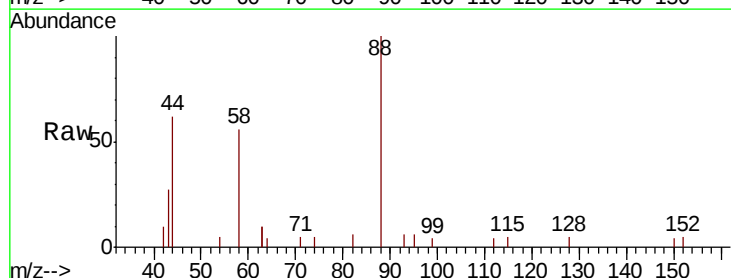
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



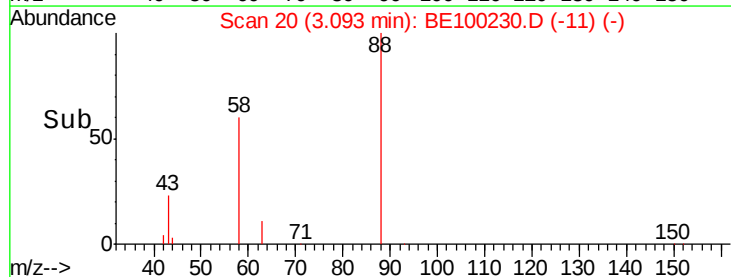
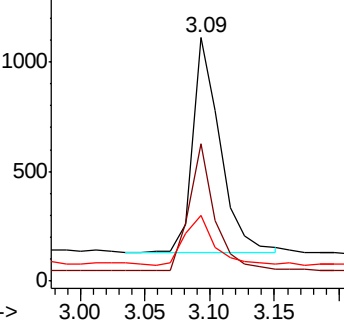
#2

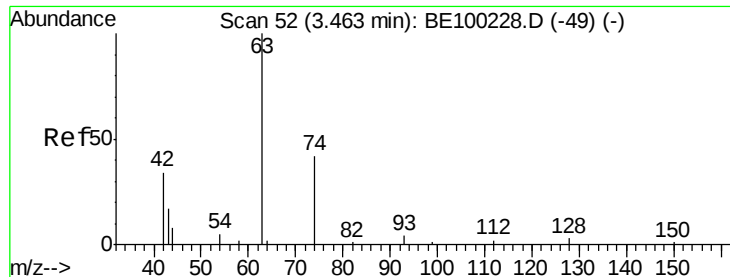
1,4-Dioxane
Concen: 1.472 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion: 88 Resp: 1467
Ion Ratio Lower Upper
88 100
58 55.4 43.6 65.4
43 24.1 21.4 32.0



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: 2.136 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.03 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

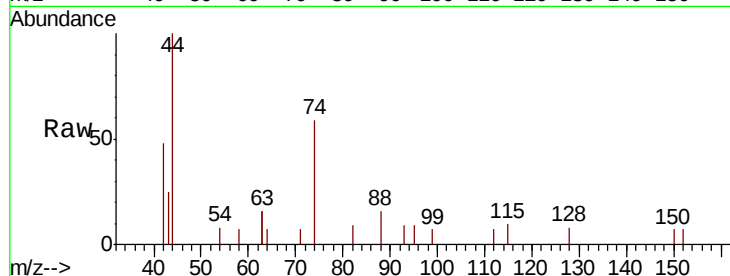
Tot Ion: 42 Resp: 788

Ion Ratio Lower Upper

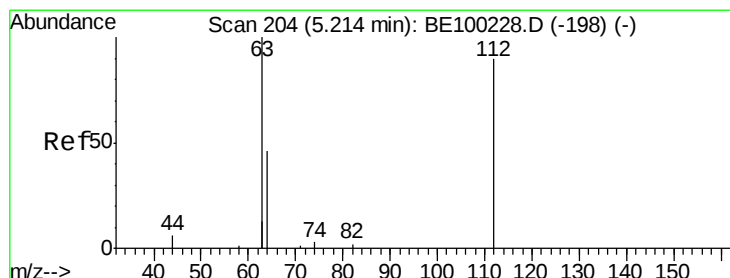
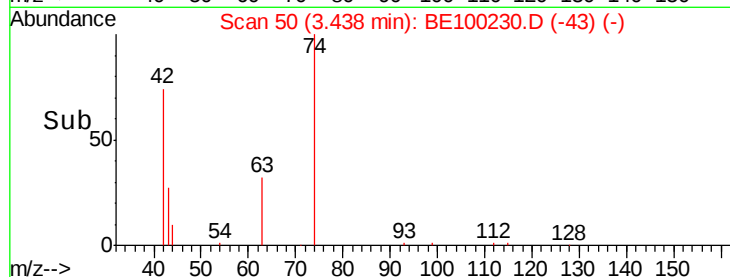
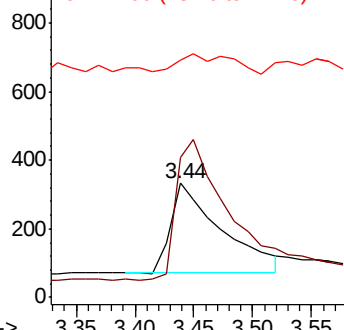
42 100

74 159.9 130.6 196.0

44 23.7 38.0 57.0#



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: 1.835 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

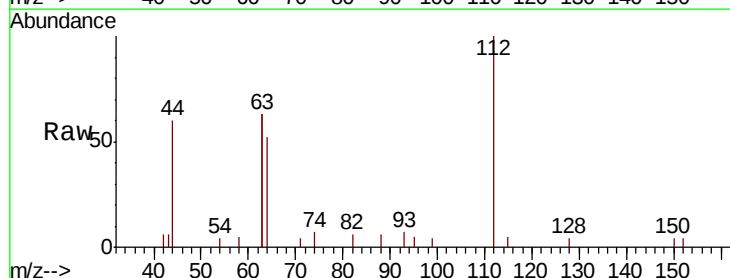
Tgt Ion: 112 Resp: 2599

Ion Ratio Lower Upper

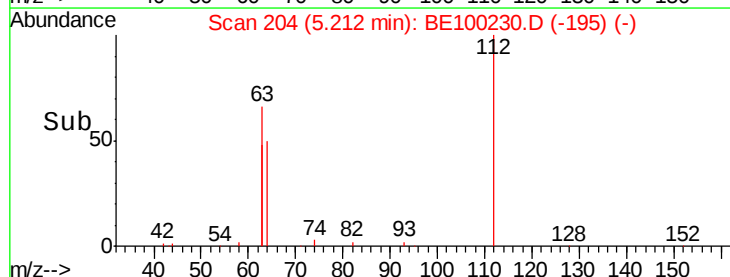
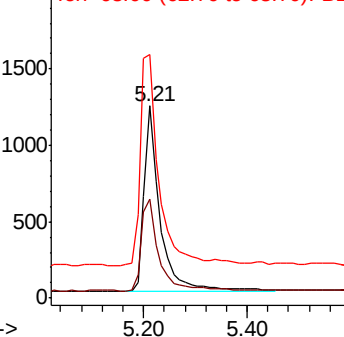
112 100

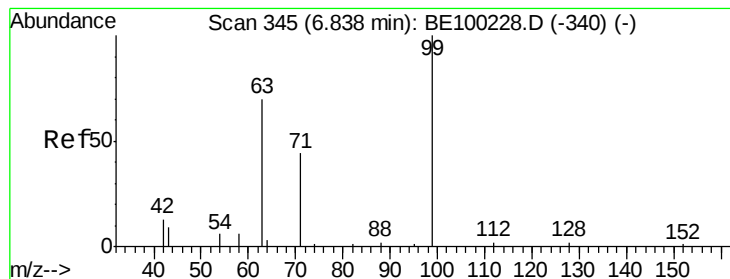
64 55.3 39.4 59.0

63 131.9 104.5 156.7



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: 1.781 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

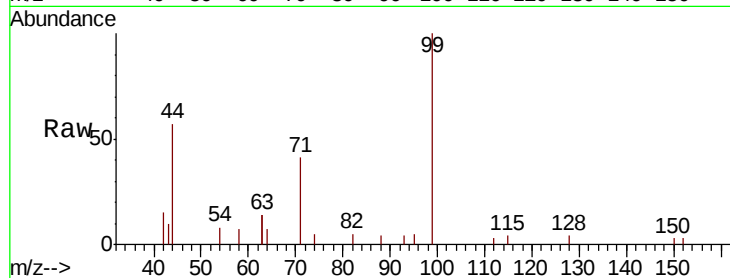
Tot Ion: 99 Resp: 3470

Ion Ratio Lower Upper

99 100

42 16.1 11.2 16.8

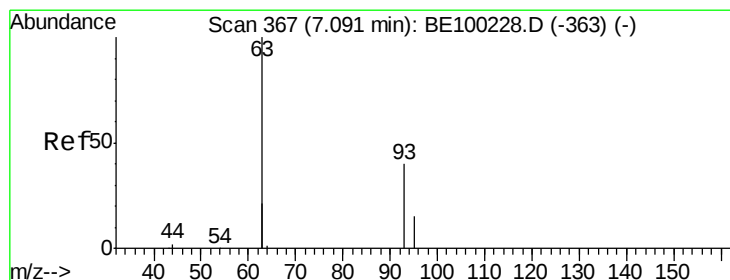
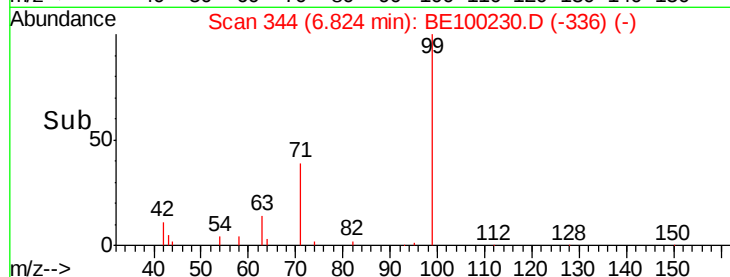
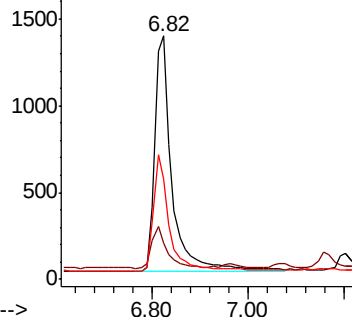
71 44.8 37.2 55.8



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: 1.560 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

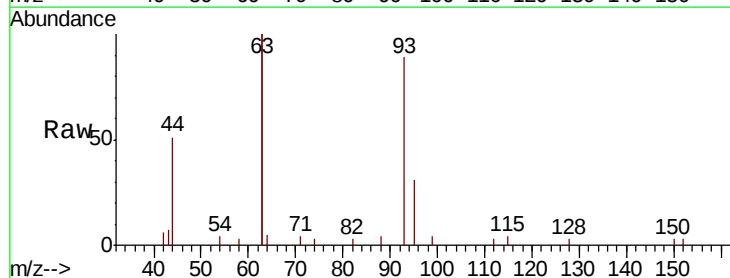
Tgt Ion: 93 Resp: 2782

Ion Ratio Lower Upper

93 100

63 256.8 155.6 233.4#

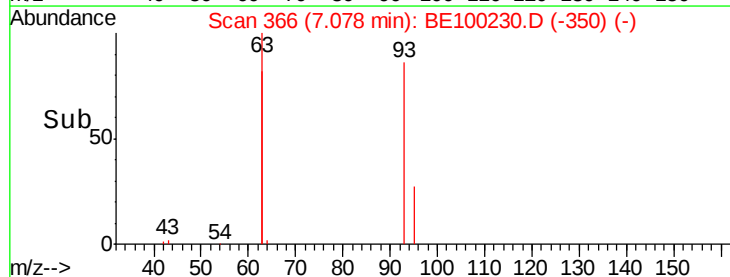
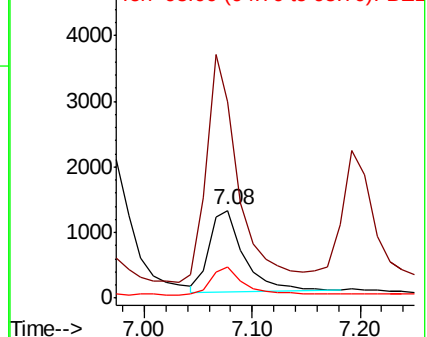
95 34.0 23.0 34.4

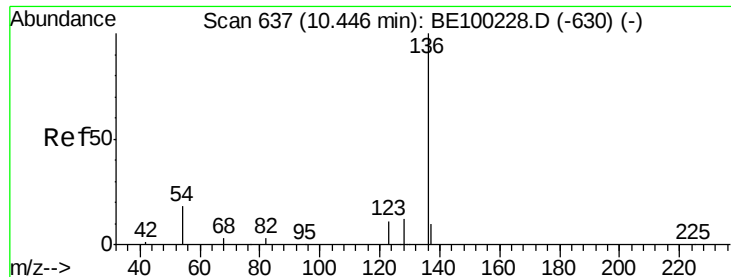


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 2233

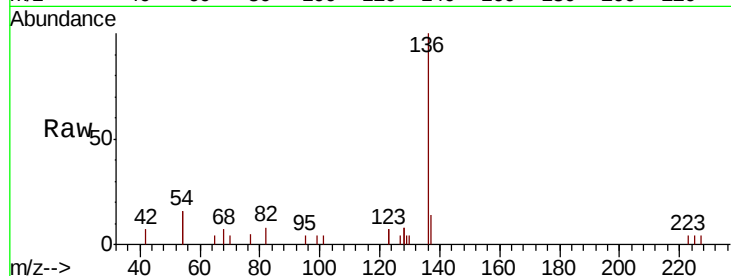
Ion Ratio Lower Upper

136 100

137 13.9 11.8 17.8

54 32.1 27.7 41.5

68 7.5 6.8 10.2

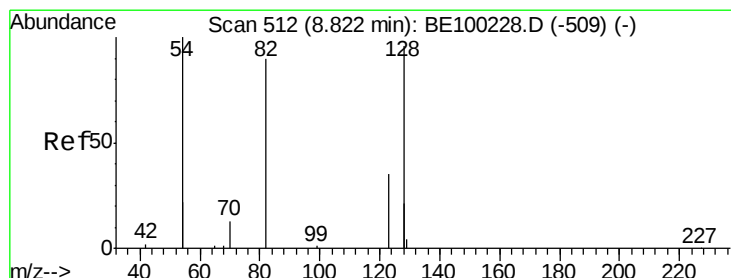
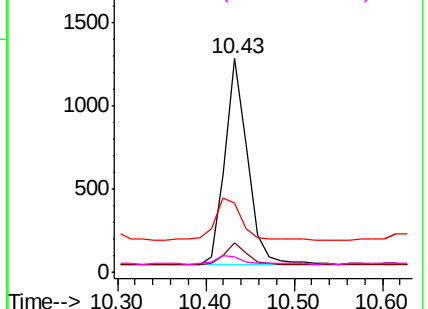
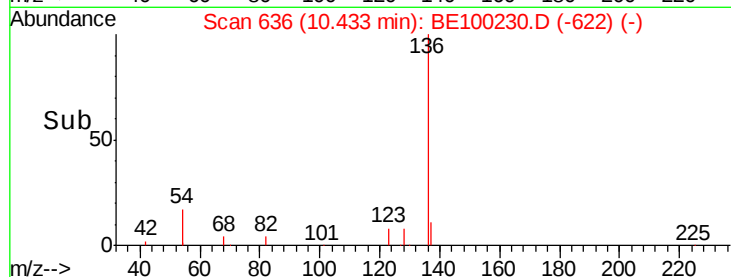


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 1.675 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

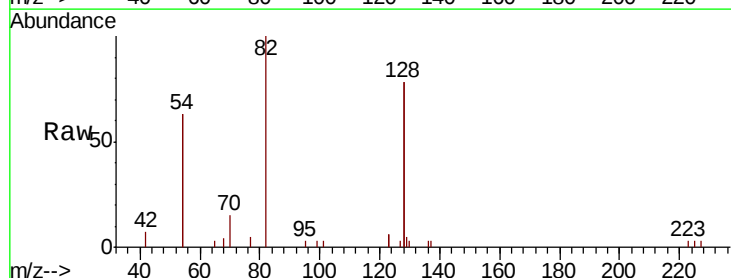
Tgt Ion: 82 Resp: 3722

Ion Ratio Lower Upper

82 100

128 156.2 140.9 211.3

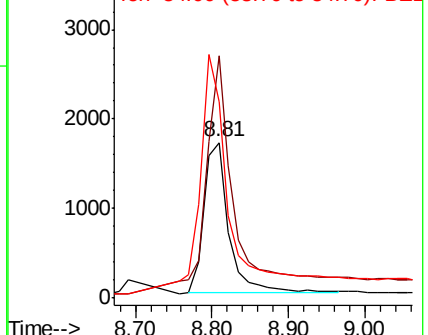
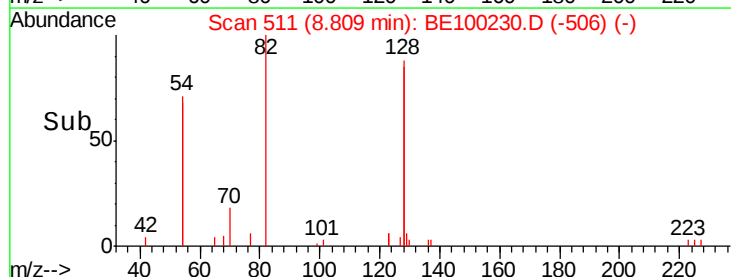
54 125.8 146.2 219.2#

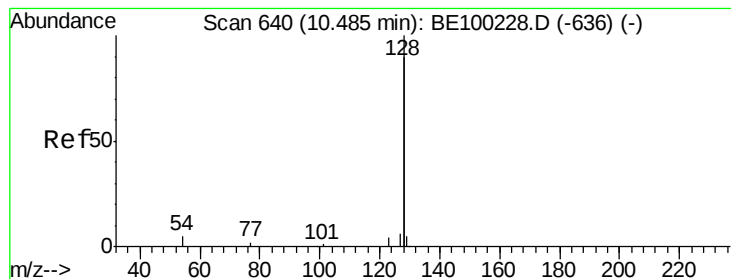


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.579 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

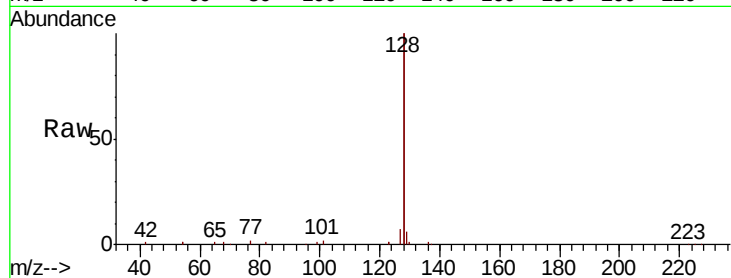
Tot Ion:128 Resp: 38492

Ion Ratio Lower Upper

128 100

129 2.8 3.0 4.6#

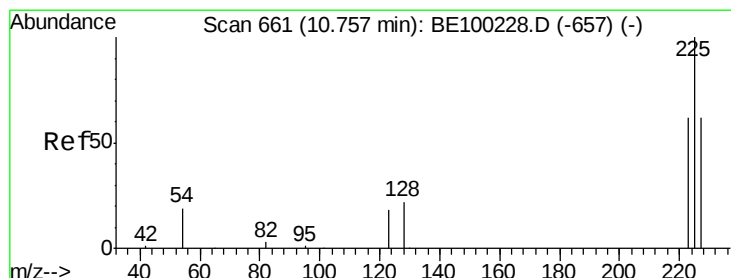
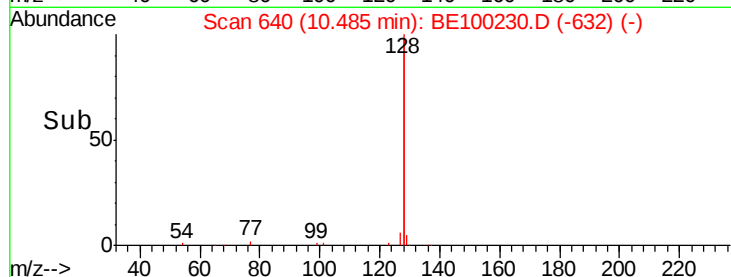
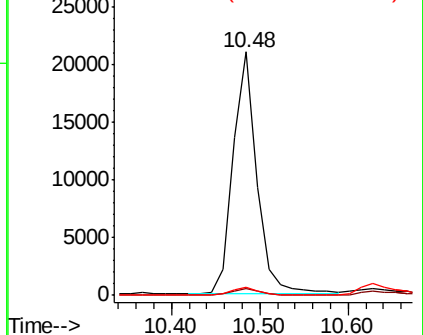
127 3.4 3.5 5.3#



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: 1.477 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

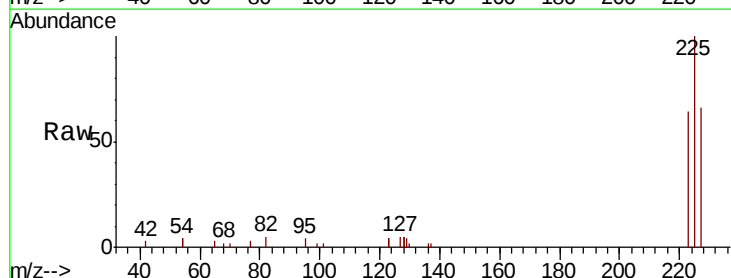
Tgt Ion:225 Resp: 3716

Ion Ratio Lower Upper

225 100

223 63.2 49.1 73.7

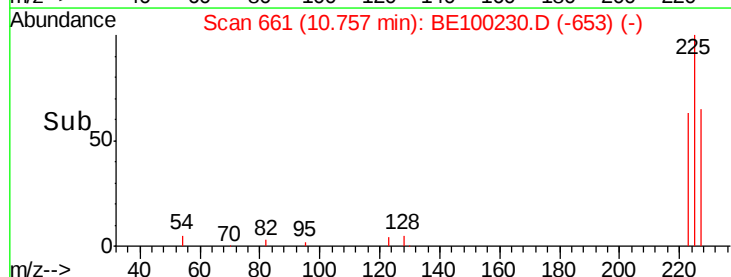
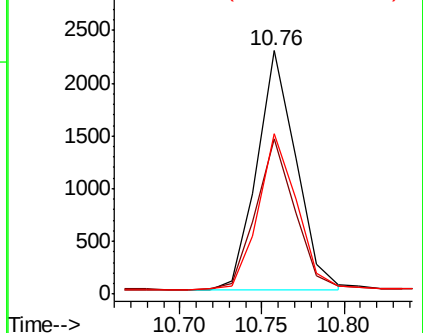
227 64.5 49.3 73.9

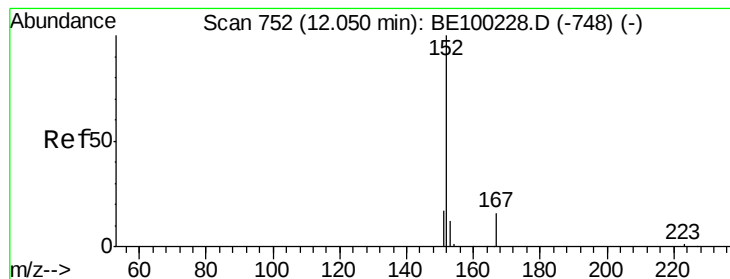


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.606 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

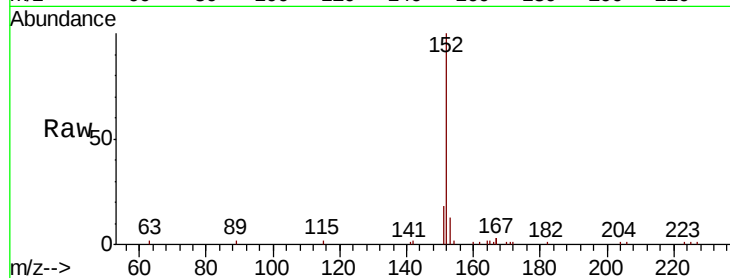
SSTDICC1.6

Tot Ion:152 Resp: 6723

Ion Ratio Lower Upper

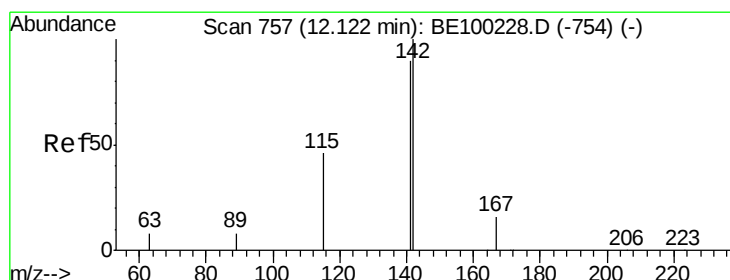
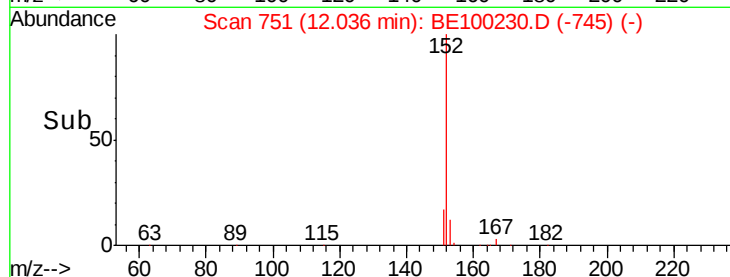
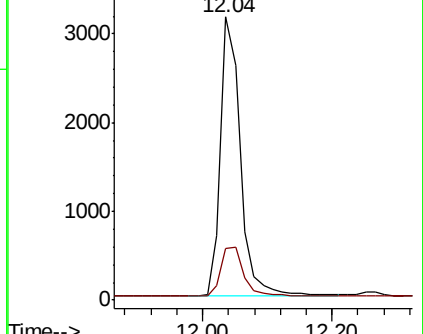
152 100

151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.725 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

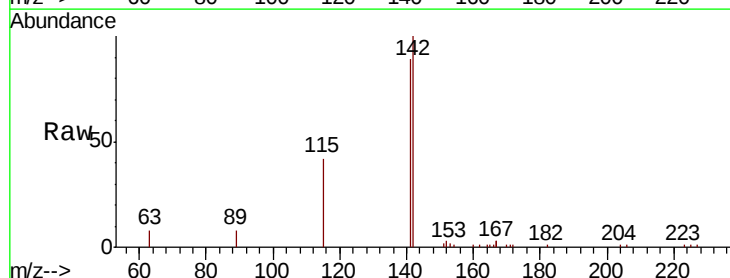
Tgt Ion:142 Resp: 6767

Ion Ratio Lower Upper

142 100

141 89.1 72.4 108.6

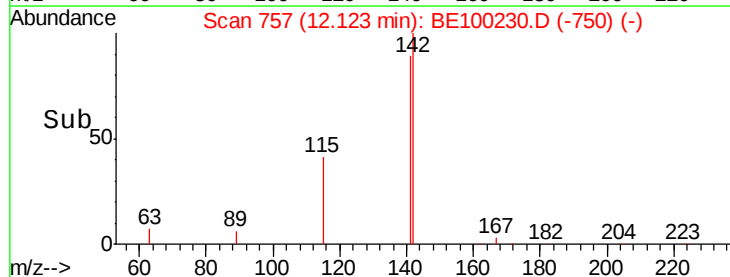
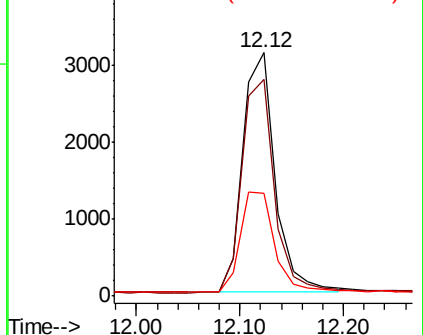
115 42.1 40.4 60.6

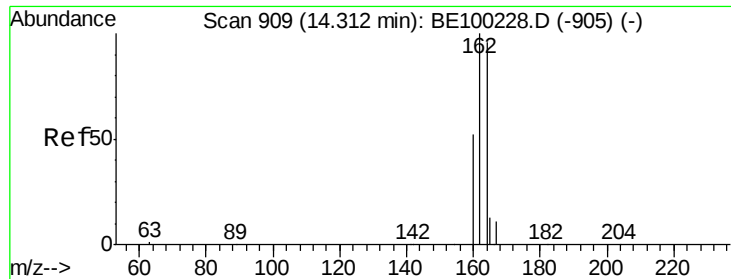


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

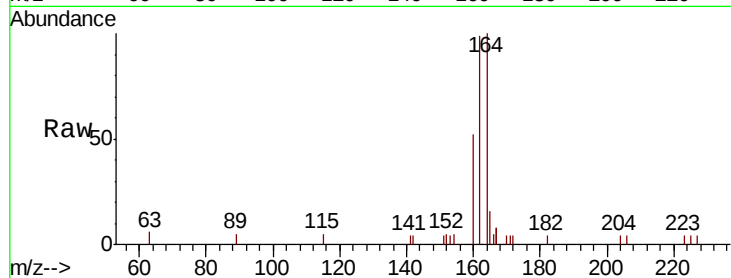




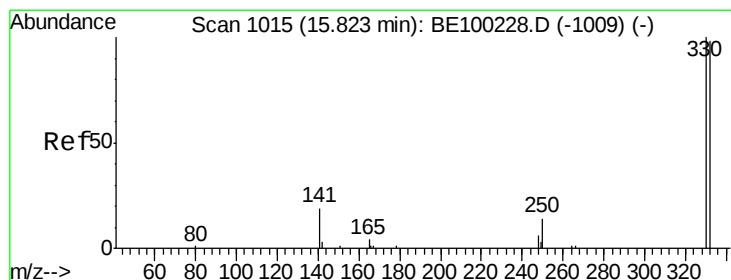
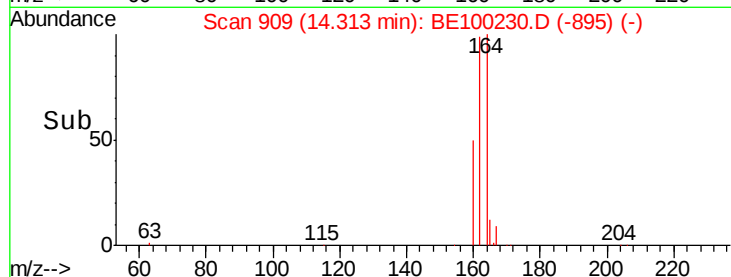
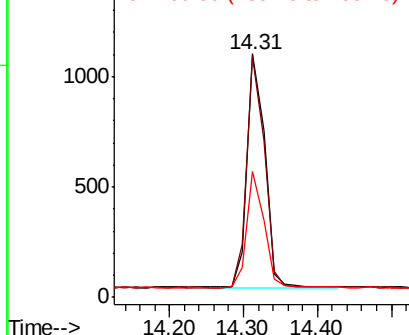
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 1759
Ion Ratio Lower Upper
164 100
162 98.8 83.4 125.0
160 51.9 45.0 67.6

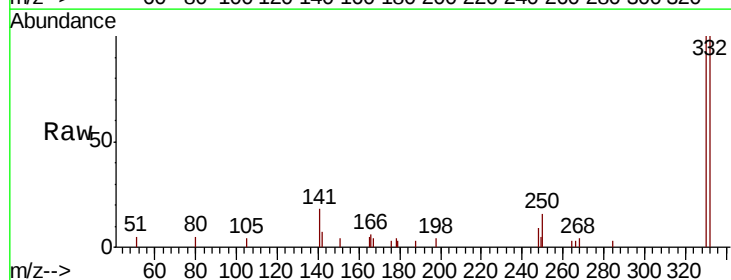


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

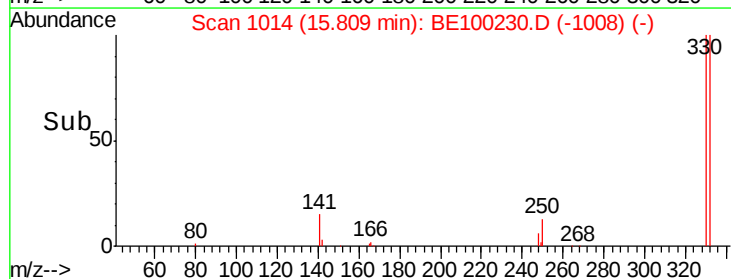
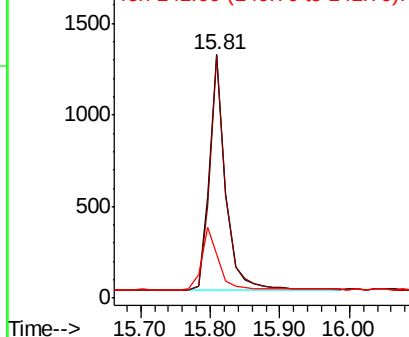


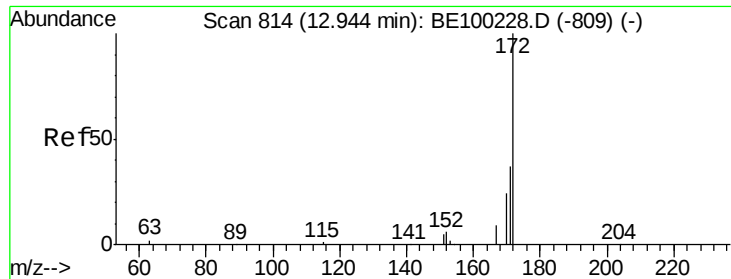
#14
2,4,6-Tribromophenol
Concen: 2.085 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:330 Resp: 2124
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.4
141 26.6 22.0 33.0



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

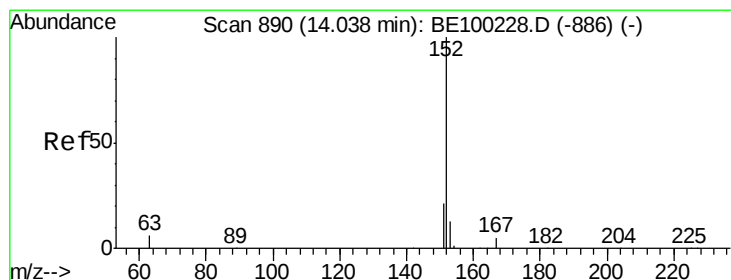
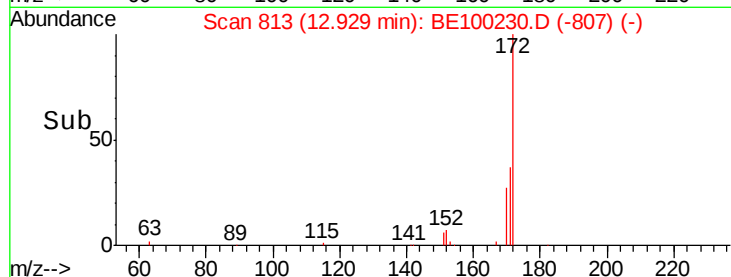
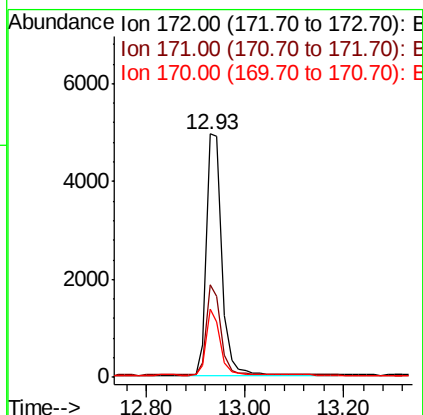
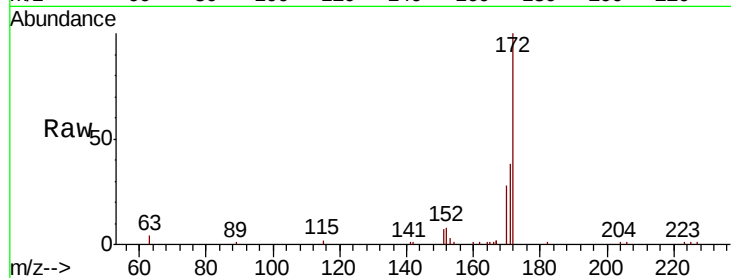




#15
2-Fluorobiphenyl
Concen: 1.528 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

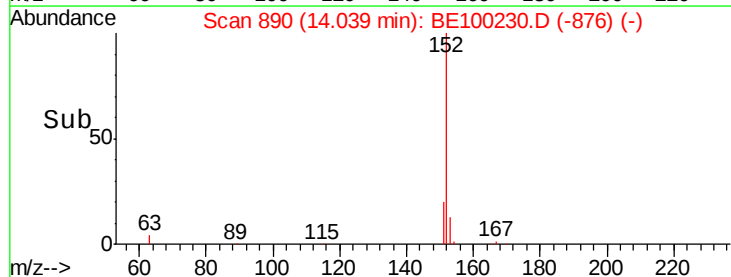
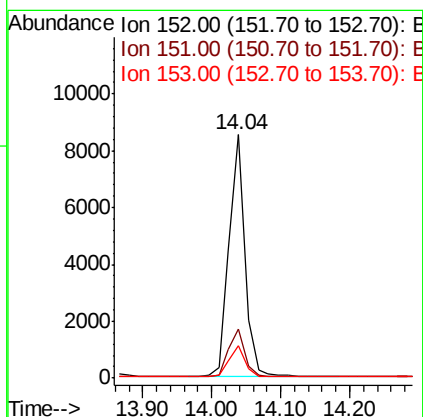
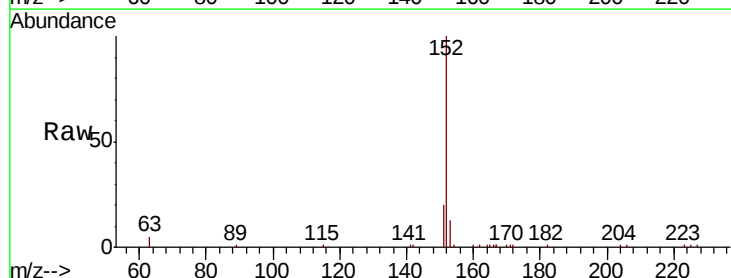
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

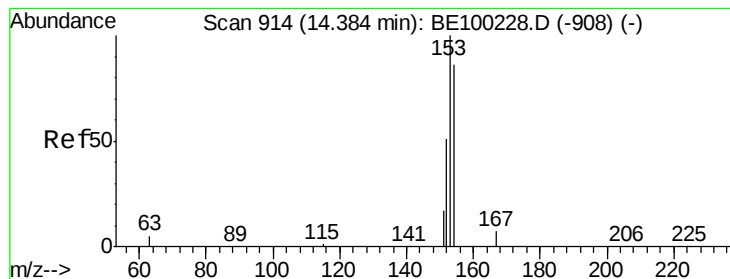
Tot Ion:172 Resp: 10779
Ion Ratio Lower Upper
172 100
171 37.9 31.9 47.9
170 27.9 22.2 33.2



#16
Acenaphthylene
Concen: 1.592 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:152 Resp: 13651
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 1.627 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

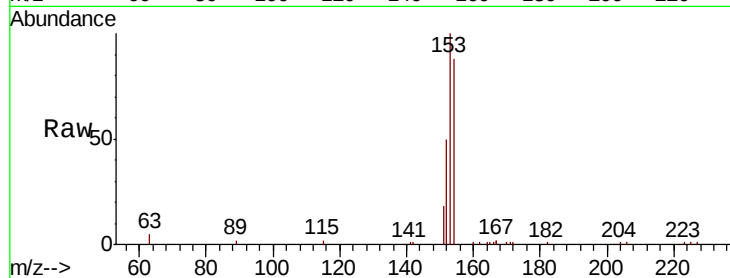
Tot Ion:154 Resp: 7823

Ion Ratio Lower Upper

154 100

153 118.3 93.4 140.2

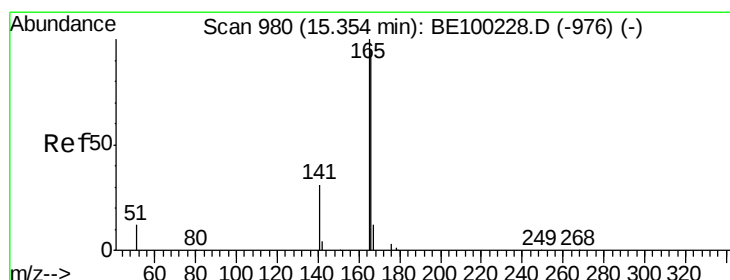
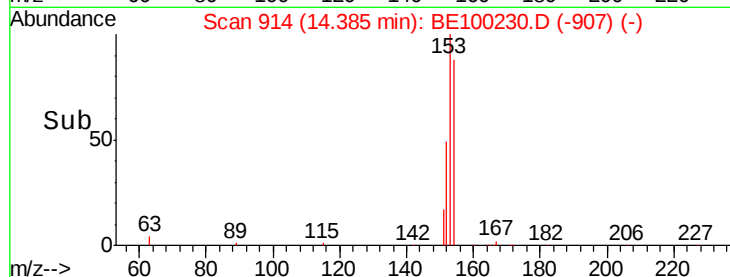
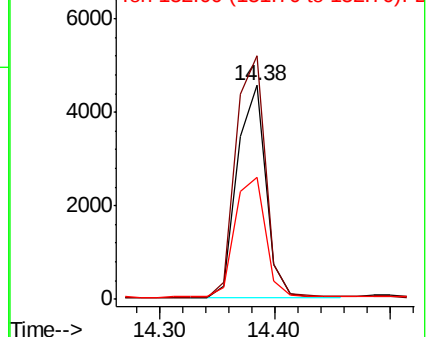
152 59.9 49.4 74.2



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: 1.668 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

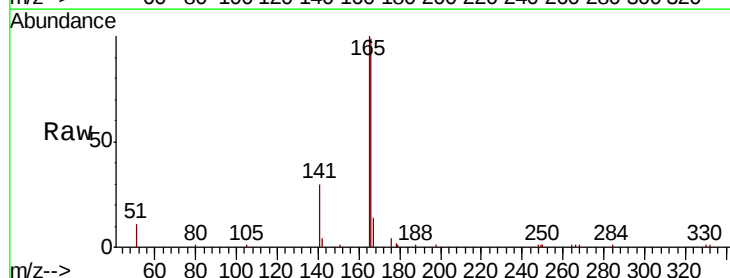
Tgt Ion:166 Resp: 11598

Ion Ratio Lower Upper

166 100

165 100.6 81.1 121.7

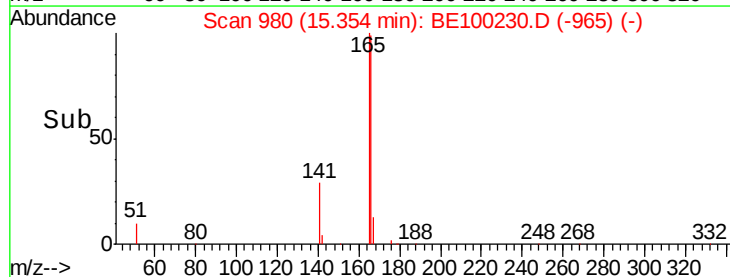
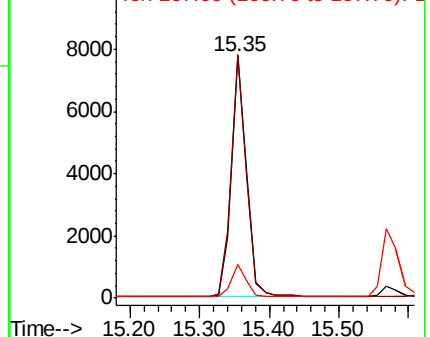
167 13.1 10.7 16.1

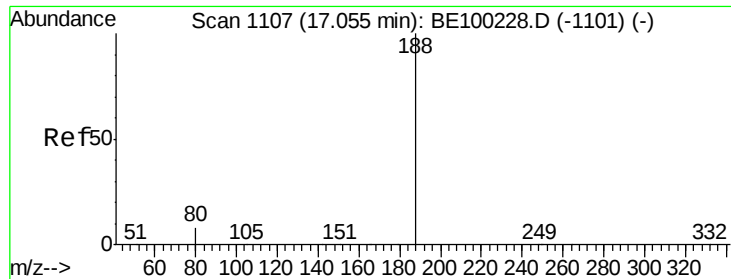


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

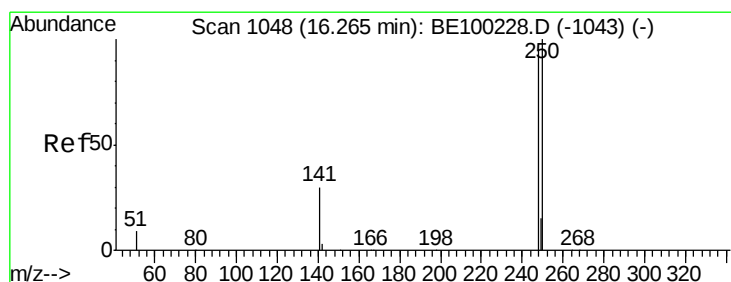
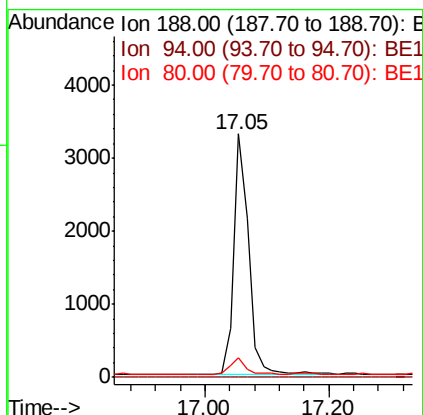
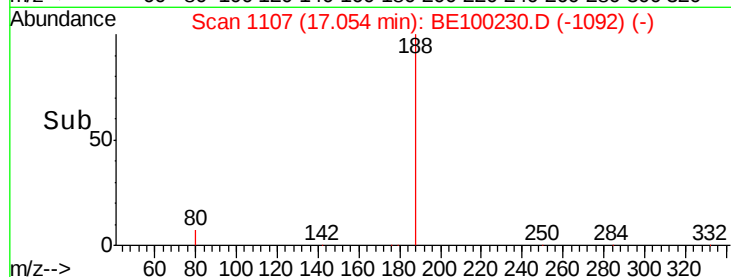
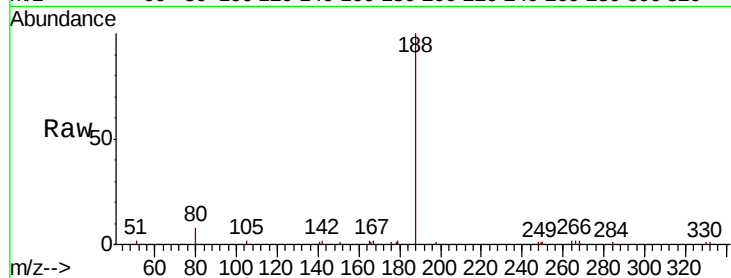
Tot Ion:188 Resp: 5410

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 1.693 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

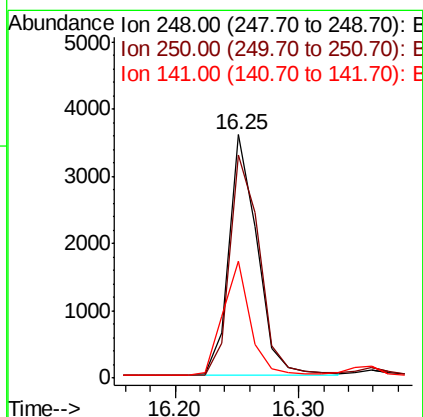
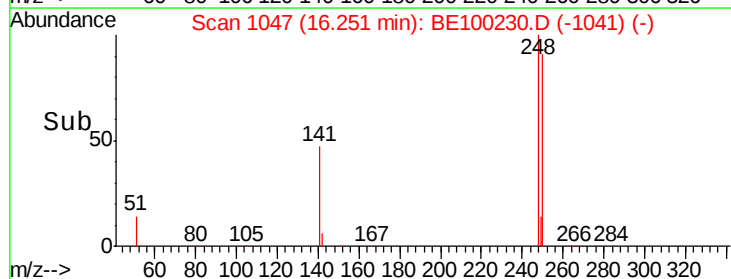
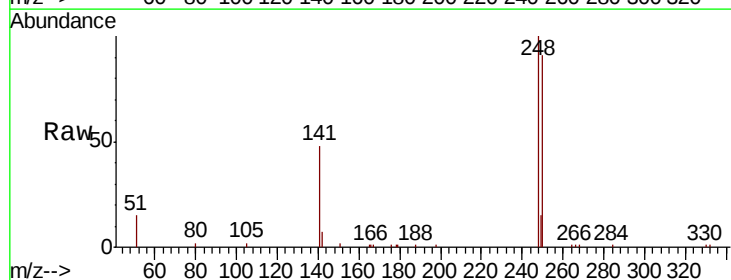
Tgt Ion:248 Resp: 5684

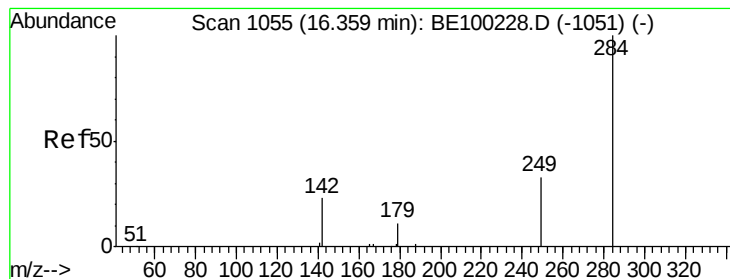
Ion Ratio Lower Upper

248 100

250 91.5 84.2 126.4

141 47.7 29.3 43.9#





#21

Hexachlorobenzene

Concen: 1.571 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

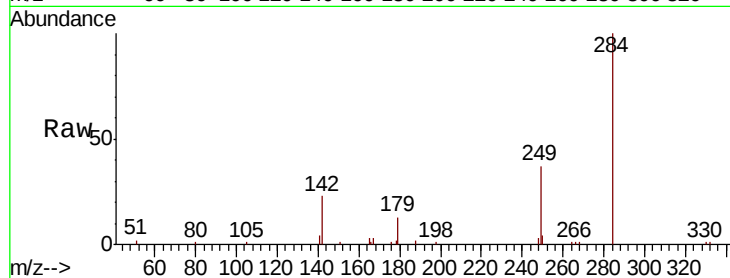
Tot Ion:284 Resp: 5787

Ion Ratio Lower Upper

284 100

142 23.5 18.8 28.2

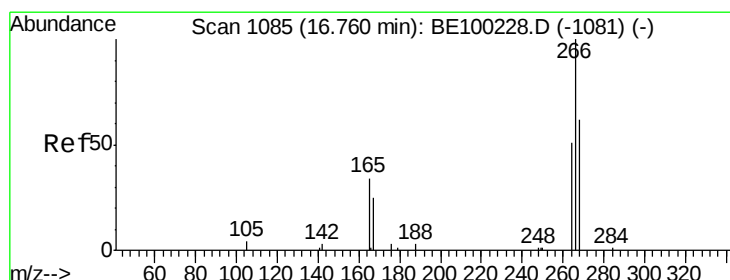
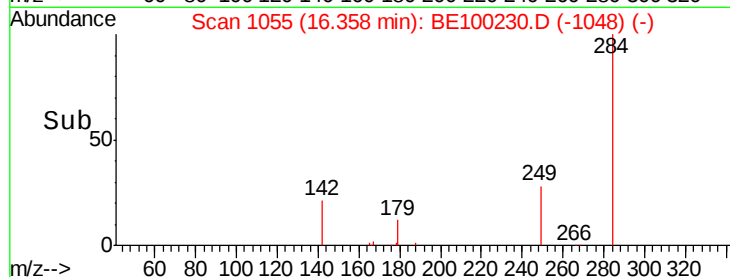
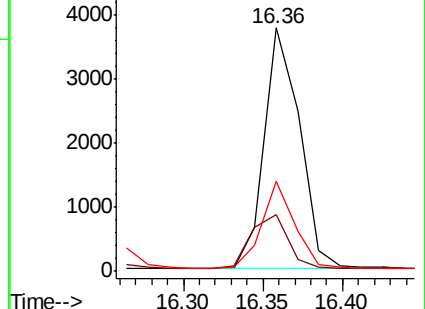
249 32.9 23.7 35.5



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: 2.320 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

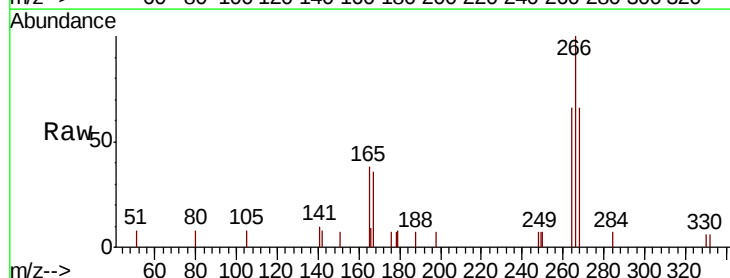
Tgt Ion:266 Resp: 2011

Ion Ratio Lower Upper

266 100

264 65.7 56.2 84.2

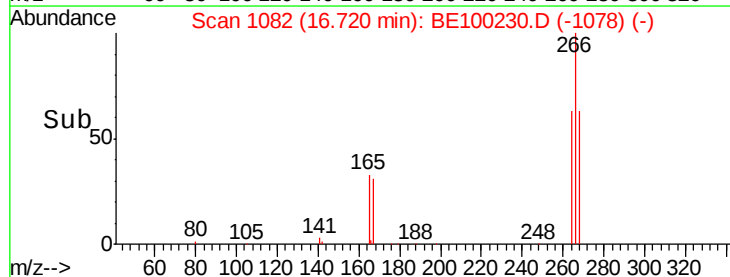
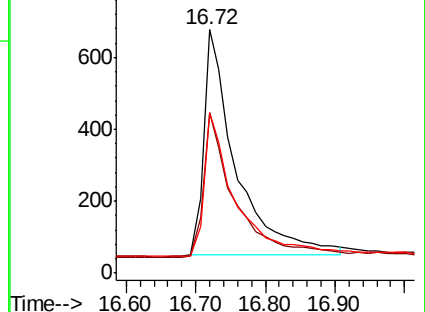
268 65.9 61.8 92.6

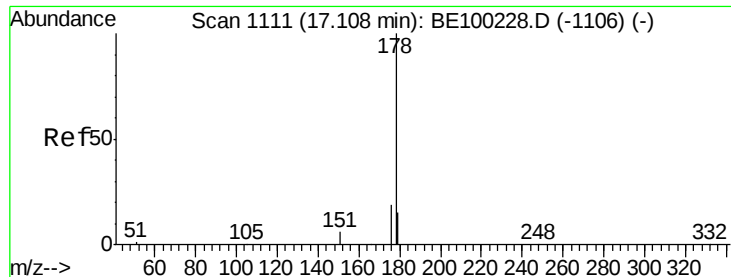


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.721 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

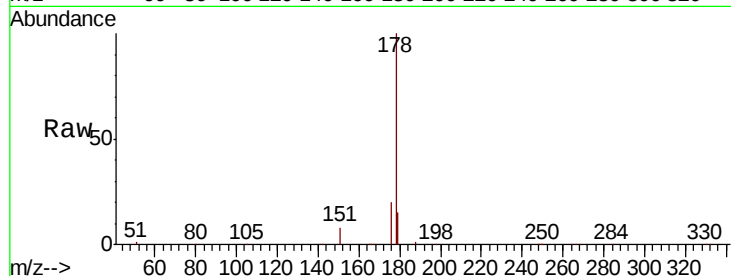
Tot Ion:178 Resp: 22049

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

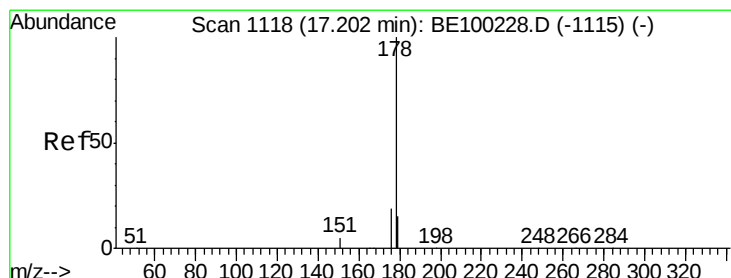
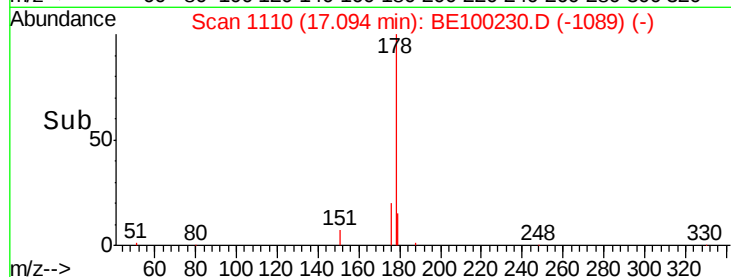
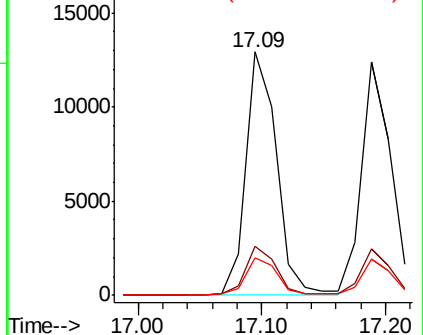
179 15.3 12.2 18.2



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: 1.889 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

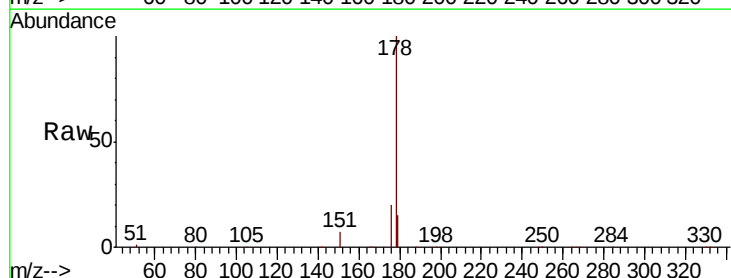
Tgt Ion:178 Resp: 20445

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

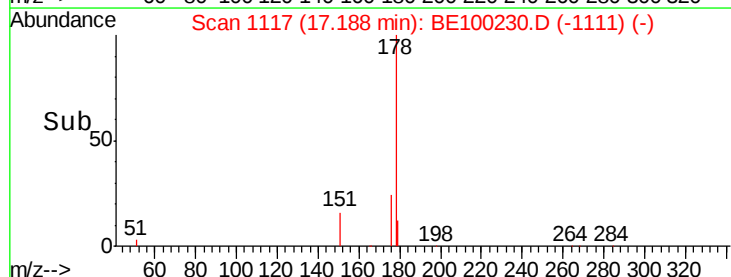
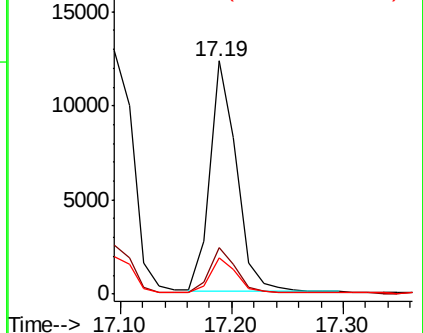
179 15.2 12.2 18.2

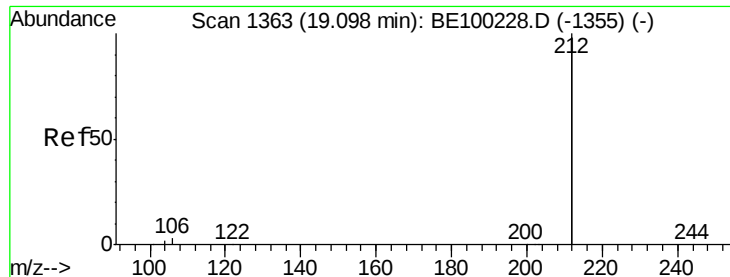


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.632 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

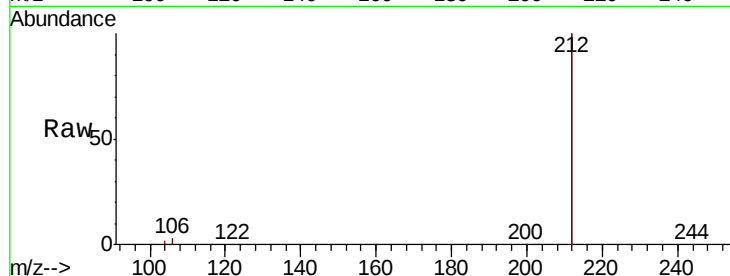
Tot Ion:212 Resp: 127236

Ion Ratio Lower Upper

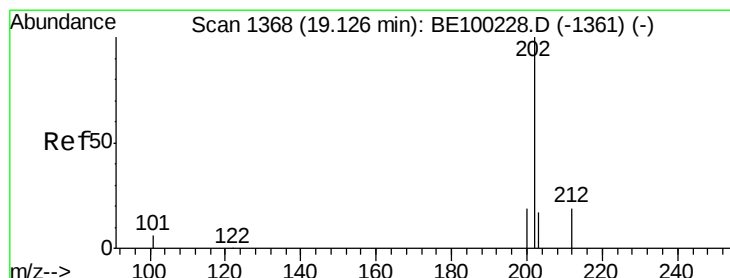
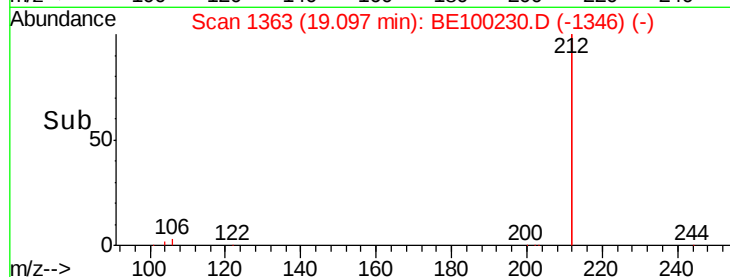
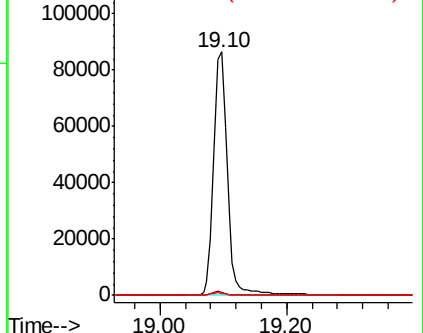
212 100

106 1.6 1.3 1.9

104 1.0 0.8 1.2



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: 1.652 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

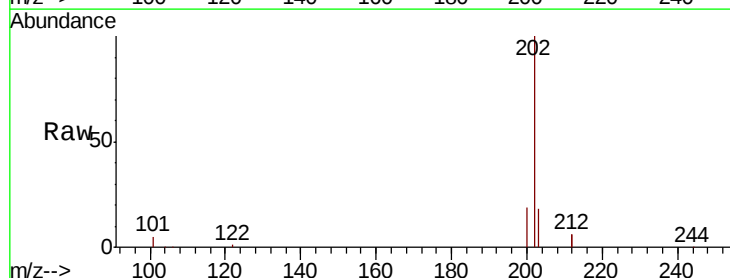
Tgt Ion:202 Resp: 34449

Ion Ratio Lower Upper

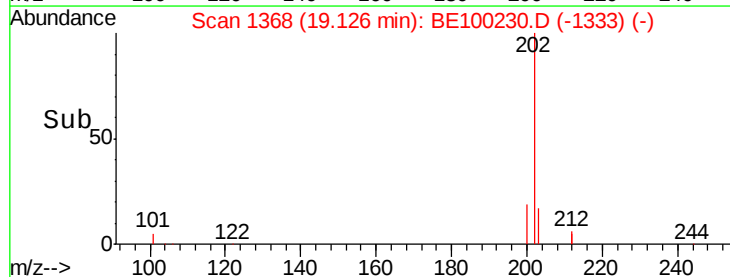
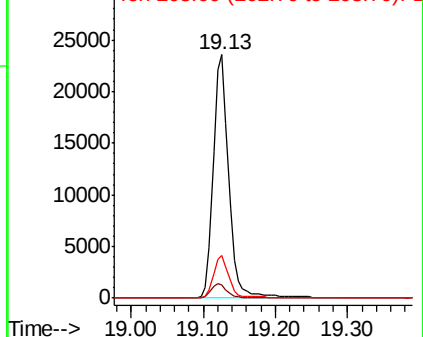
202 100

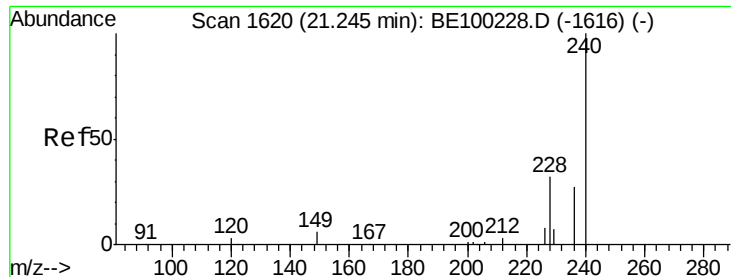
101 5.9 4.6 7.0

203 17.3 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

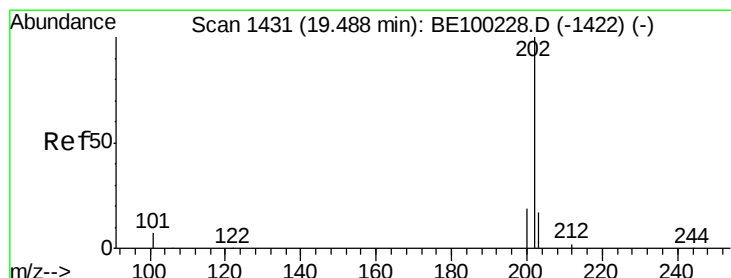
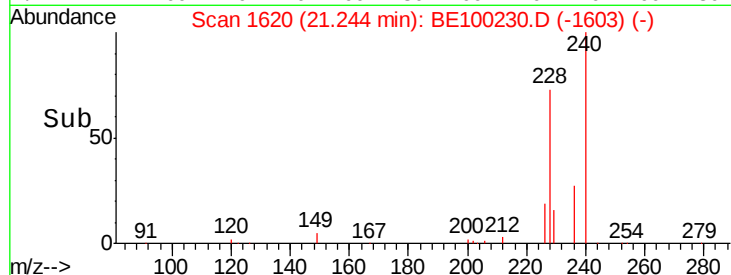
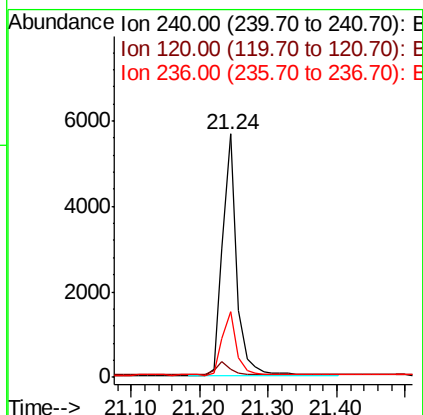
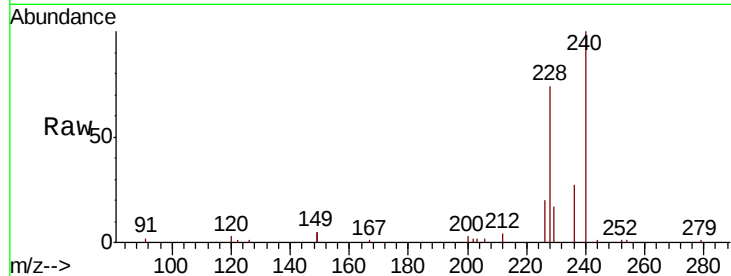




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

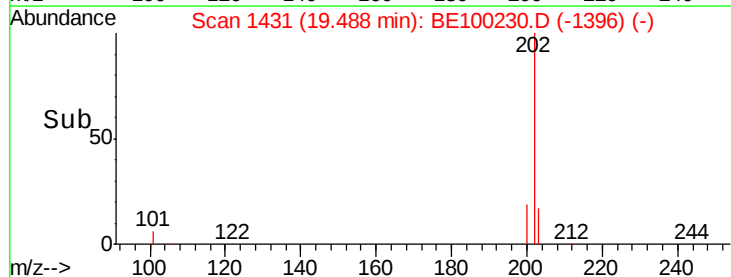
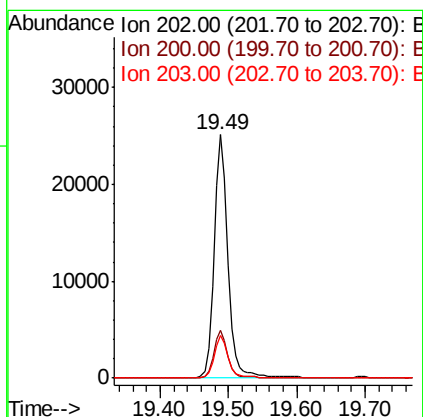
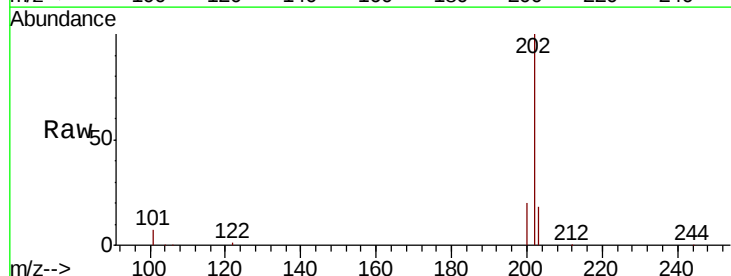
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

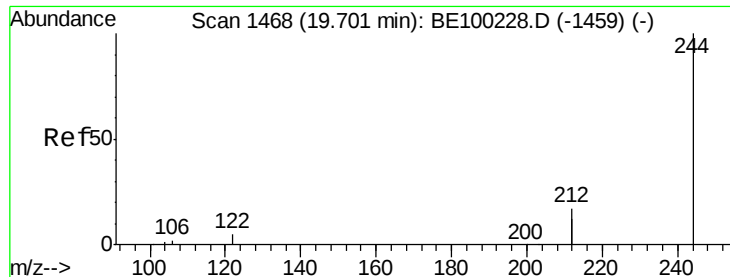
Tot Ion:240 Resp: 8141
Ion Ratio Lower Upper
240 100
120 3.4 3.3 4.9
236 27.2 22.6 34.0



#28
Pyrene
Concen: 1.694 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100230.D
Acq: 28 Jun 2019 11:37

Tgt Ion:202 Resp: 35314
Ion Ratio Lower Upper
202 100
200 19.4 15.6 23.4
203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 1.701 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

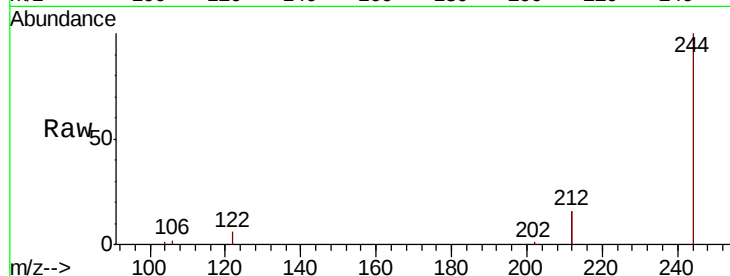
Tot Ion:244 Resp: 27185

Ion Ratio Lower Upper

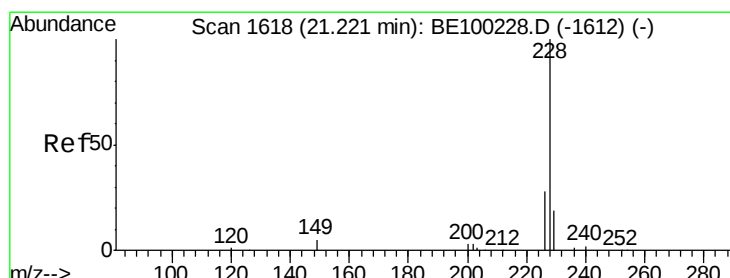
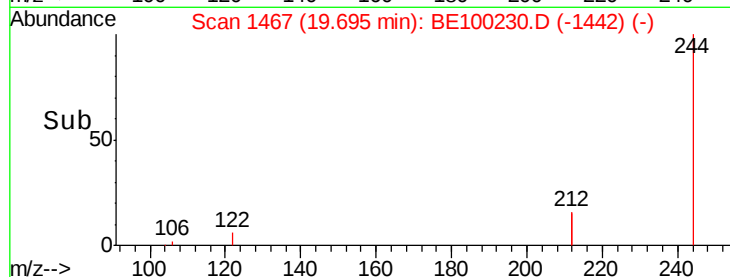
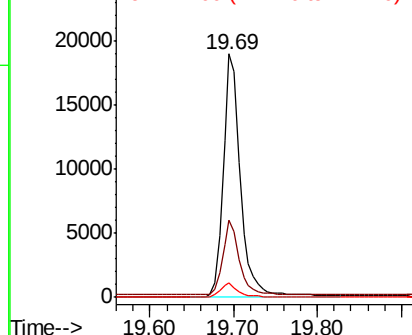
244 100

212 31.6 27.3 40.9

122 5.8 4.7 7.1



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: 1.817 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

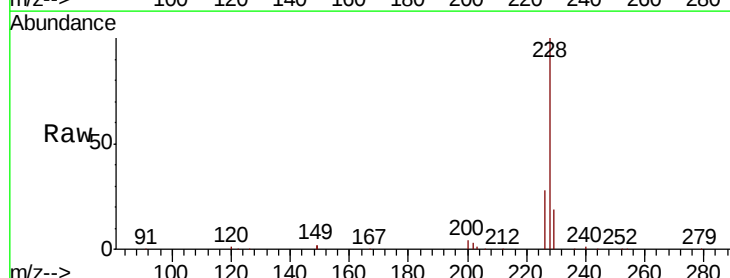
Tgt Ion:228 Resp: 43600

Ion Ratio Lower Upper

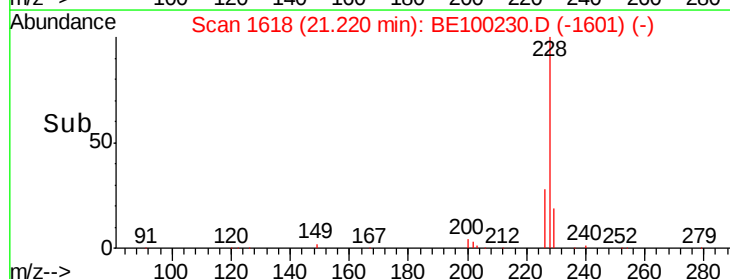
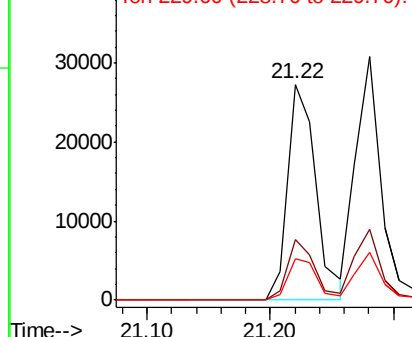
228 100

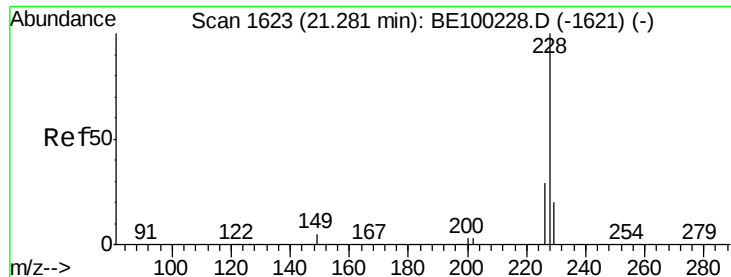
226 28.3 23.2 34.8

229 19.1 15.7 23.5



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





#31

Chrysene

Concen: 1.544 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

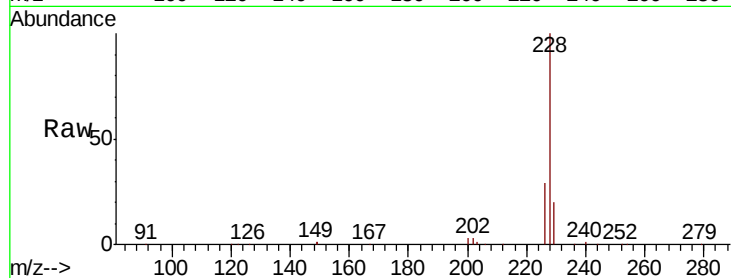
Tot Ion:228 Resp: 43476

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 19.8 16.5 24.7

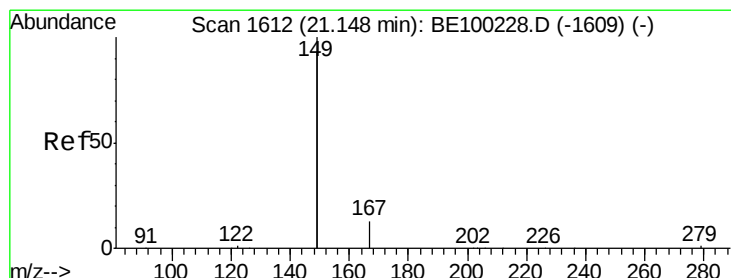
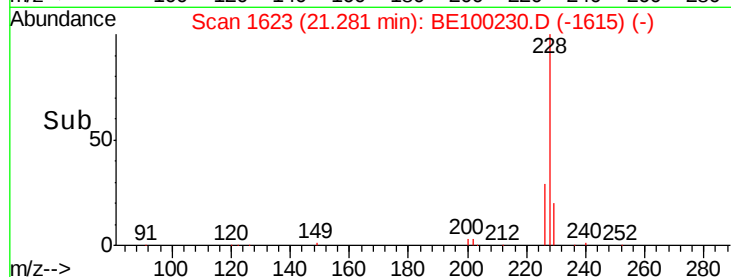
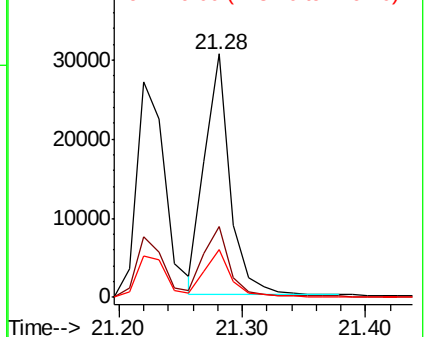


Abundance

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: 2.235 ng

RT: 21.15 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

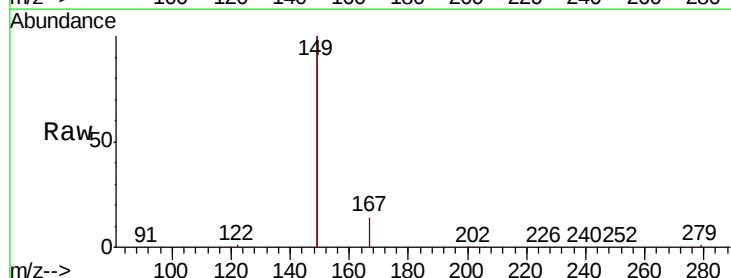
Tgt Ion:149 Resp: 61663

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.8

279 1.4 1.1 1.7

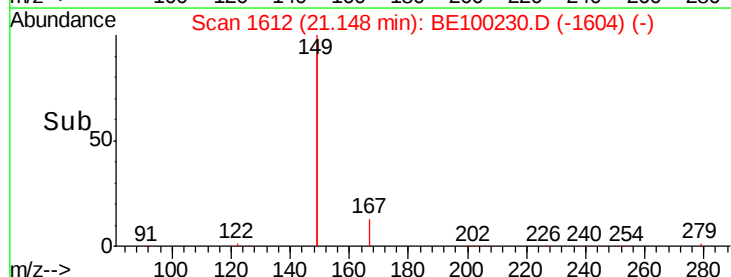
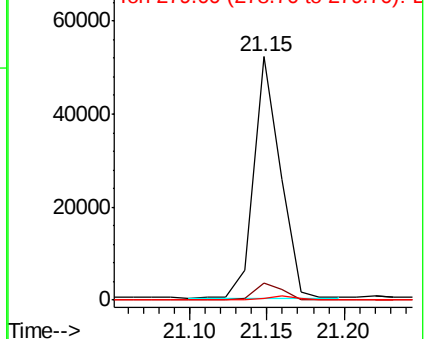


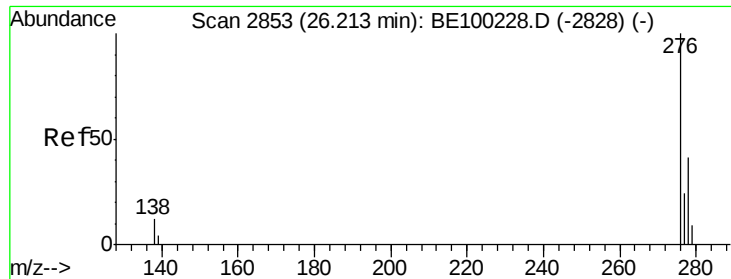
Abundance

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: 1.425 ng

RT: 26.21 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

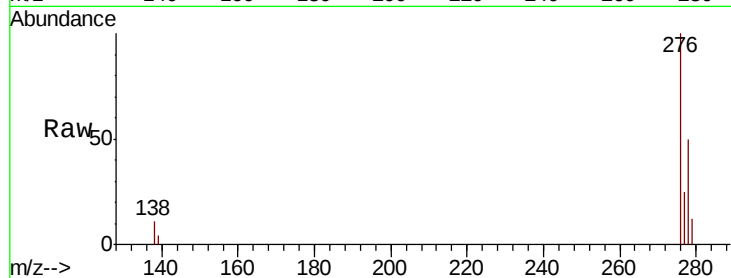
Tot Ion:276 Resp: 57094

Ion Ratio Lower Upper

276 100

138 11.5 9.4 14.0

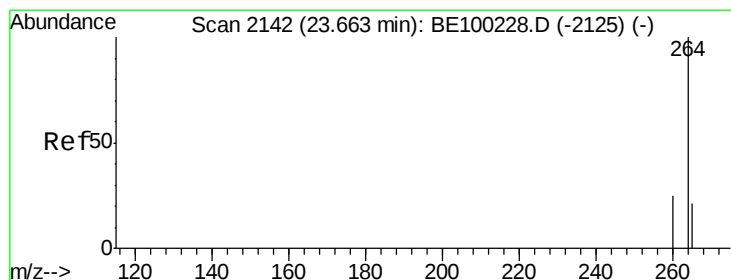
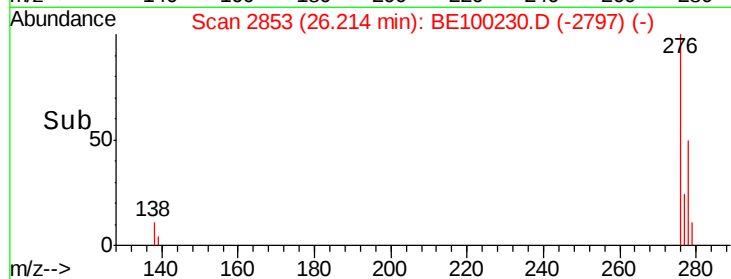
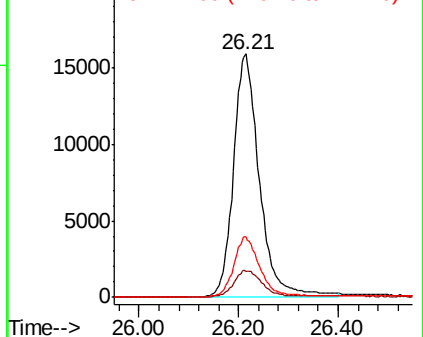
277 24.7 19.2 28.8



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: 23.66 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

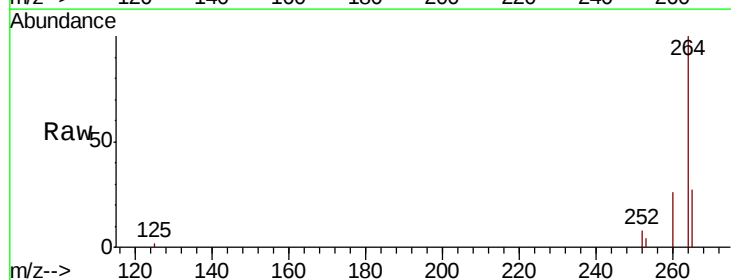
Tgt Ion:264 Resp: 9968

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

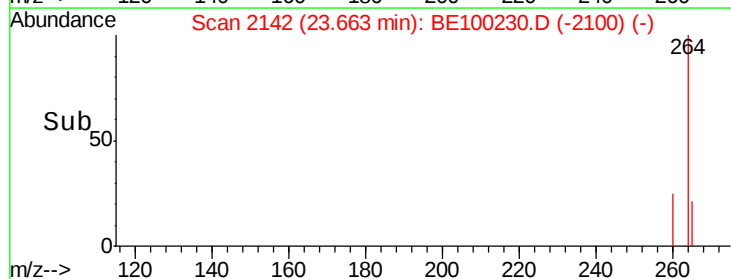
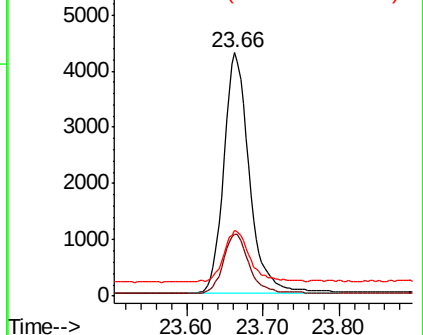
265 26.9 21.8 32.6

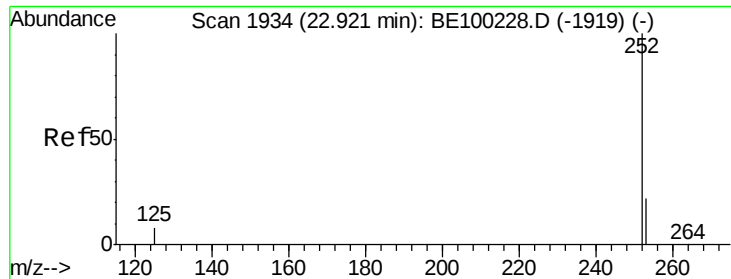


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.669 ng

RT: 22.92 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

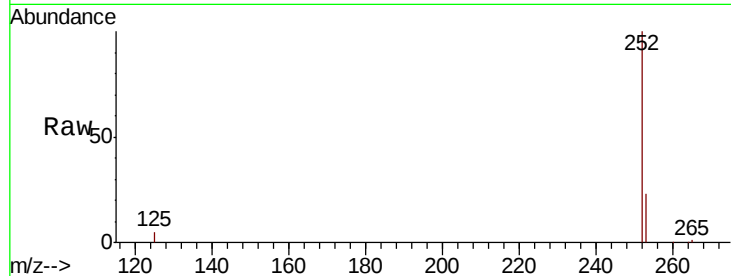
Tot Ion:252 Resp: 44758

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

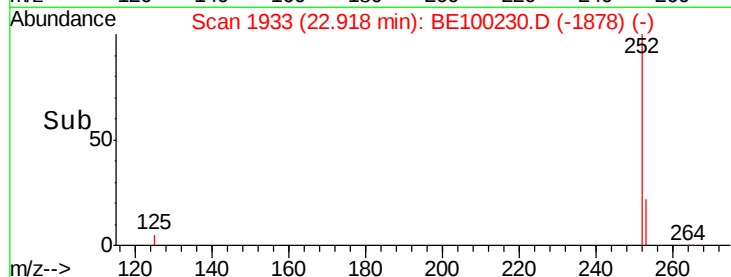
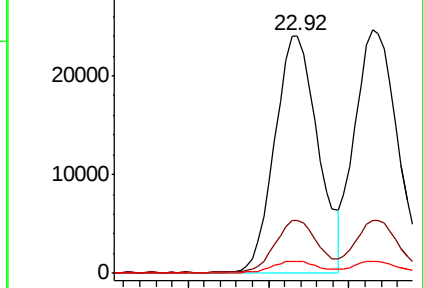
125 5.2 7.4 11.0#



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



#36

Benzo(k)fluoranthene

Concen: 1.395 ng

RT: 22.92 min Scan# 1933

Delta R.T. -0.05 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

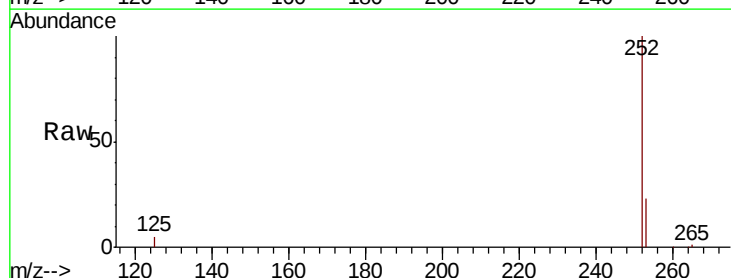
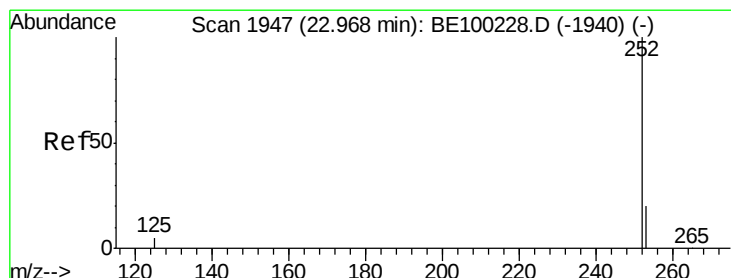
Tgt Ion:252 Resp: 44758

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

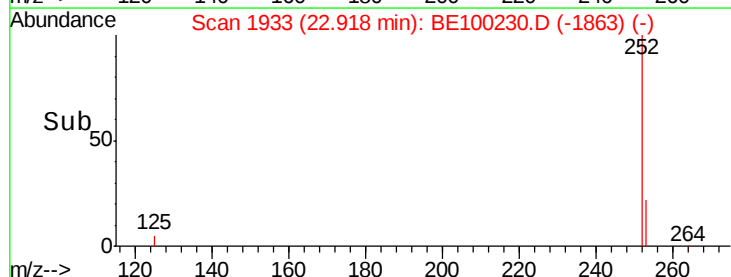
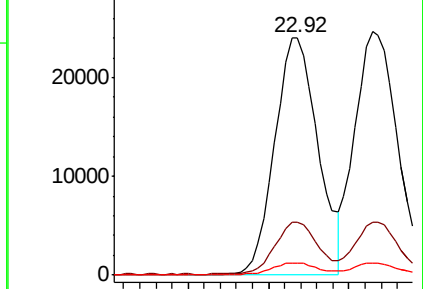
125 5.2 5.0 7.4

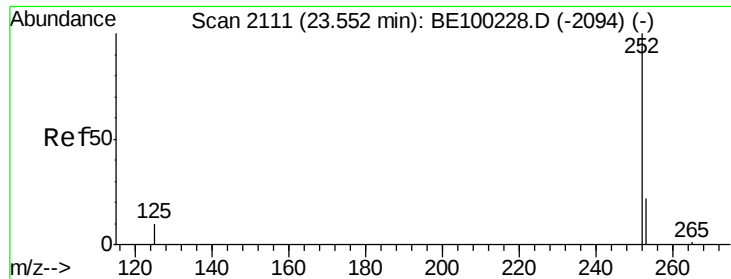


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.574 ng

RT: 23.55 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

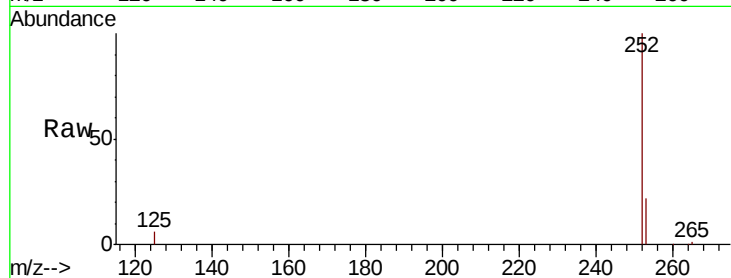
Tot Ion:252 Resp: 43733

Ion Ratio Lower Upper

252 100

253 22.1 19.6 29.4

125 6.0 9.0 13.6#

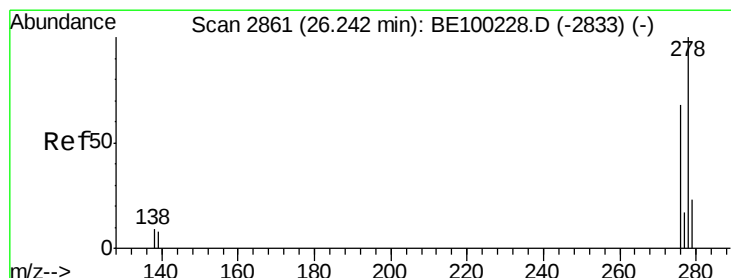
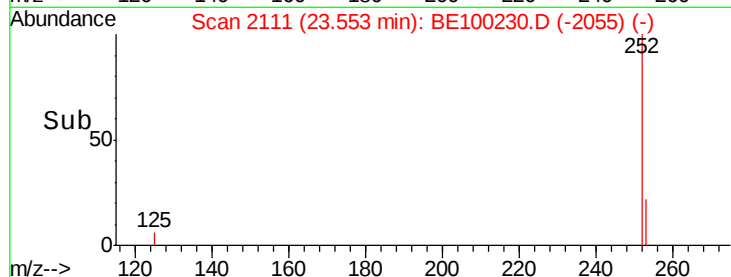
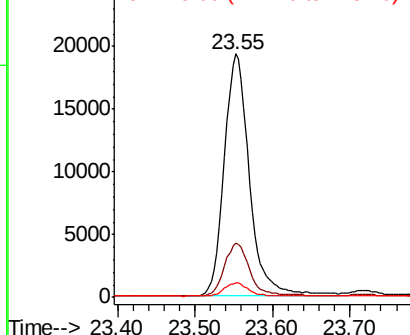


Abundance

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: 1.564 ng

RT: 26.24 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

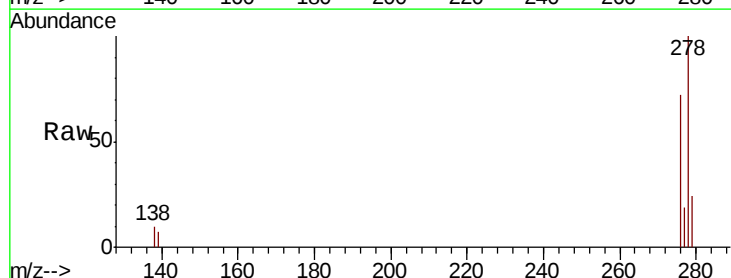
Tgt Ion:278 Resp: 46473

Ion Ratio Lower Upper

278 100

139 7.5 8.2 12.2#

279 24.3 20.3 30.5

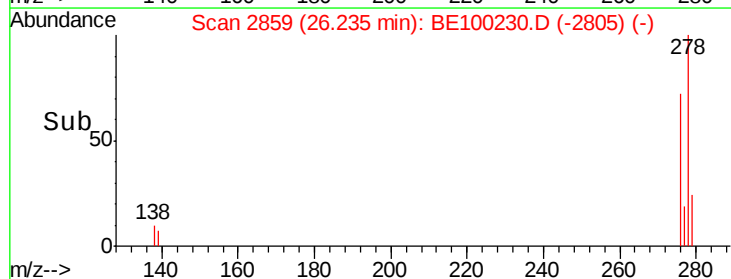
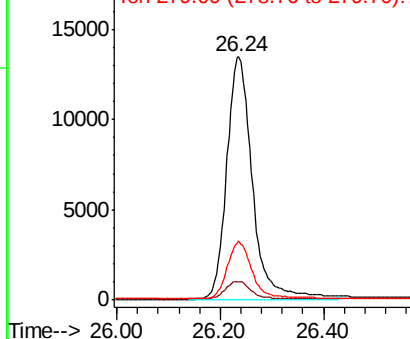


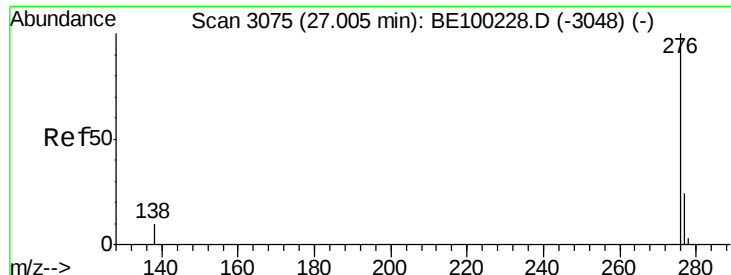
Abundance

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: 1.515 ng

RT: 27.00 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100230.D

Acq: 28 Jun 2019 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

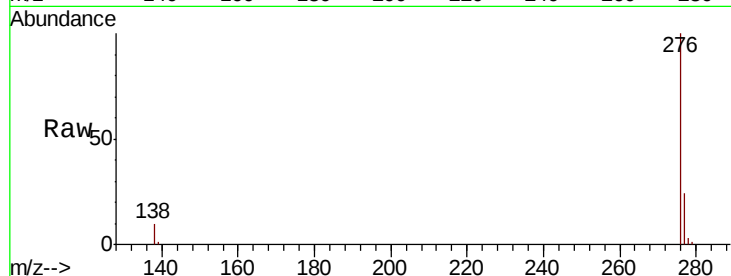
Tot Ion: 276 Resp: 47013

Ion Ratio Lower Upper

276 100

277 23.9 20.2 30.2

138 10.4 9.0 13.6



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

