

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100062.D
 Acq On : 17 Jun 2019 12:32
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 17 13:09:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 13:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	695	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2342	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	1781	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5658	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8281	0.40	ng	0.00
34) Perylene-d12	23.92	264	9913	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	701	0.37	ng	0.00
5) Phenol-d6	6.96	99	858	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	843	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1640	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	378	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2803	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	30496	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	6041	0.41	ng	0.00

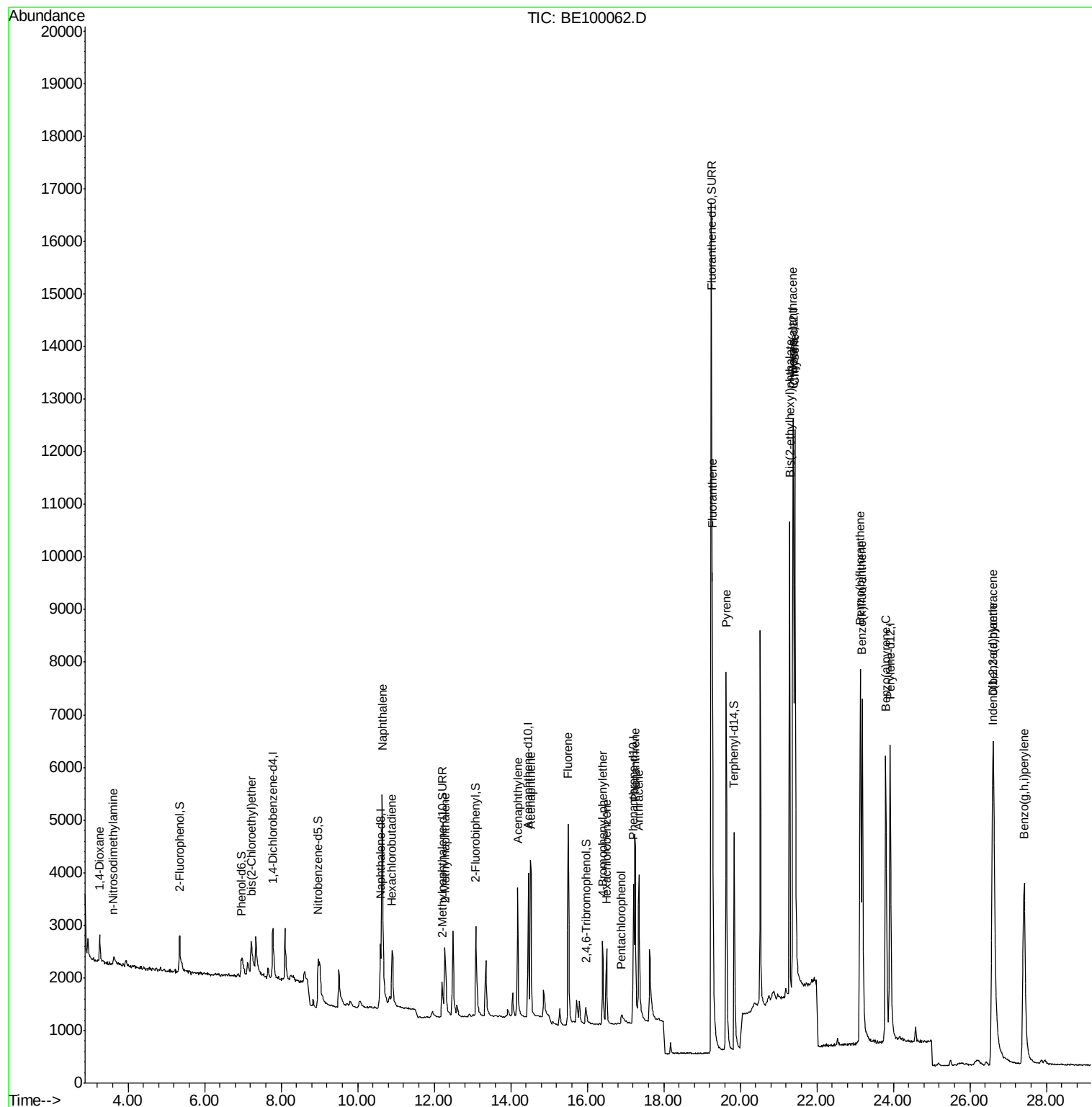
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	481	0.468	ng	100
3) n-Nitrosodimethylamine	3.61	42	147	0.248	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	714	0.362	ng	100
9) Naphthalene	10.64	128	10441	0.413	ng	100
10) Hexachlorobutadiene	10.90	225	896	0.465	ng	99
12) 2-Methylnaphthalene	12.28	142	1571	0.382	ng	100
16) Acenaphthylene	14.18	152	3503	0.395	ng	100
17) Acenaphthene	14.53	154	1940	0.402	ng	100
18) Fluorene	15.50	166	2849	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1320	0.412	ng	100
21) Hexachlorobenzene	16.51	284	1366	0.417	ng	100
22) Pentachlorophenol	16.89	266	318	0.310	ng	100
23) Phenanthrene	17.26	178	5309	0.387	ng	100
24) Anthracene	17.35	178	4520	0.359	ng	100
26) Fluoranthene	19.27	202	8765	0.376	ng	100
28) Pyrene	19.63	202	9083	0.417	ng	100
30) Benzo(a)anthracene	21.38	228	10188	0.412	ng	100
31) Chrysene	21.43	228	12047	0.471	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	13372	0.376	ng	100
33) Indeno(1,2,3-cd)pyrene	26.59	276	14131	0.466	ng	100
35) Benzo(b)fluoranthene	23.14	252	11609	0.418	ng	100
36) Benzo(k)fluoranthene	23.19	252	12713	0.438	ng	100
37) Benzo(a)pyrene	23.80	252	11429	0.418	ng	100
38) Dibenzo(a,h)anthracene	26.62	278	11129	0.404	ng	100
39) Benzo(g,h,i)perylene	27.42	276	11927	0.419	ng	100

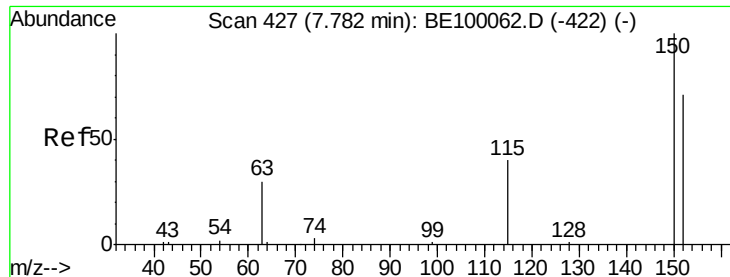
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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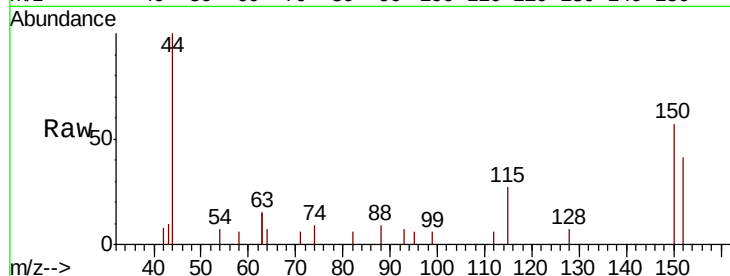


#1

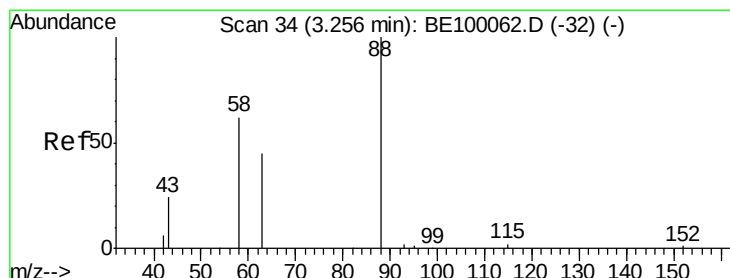
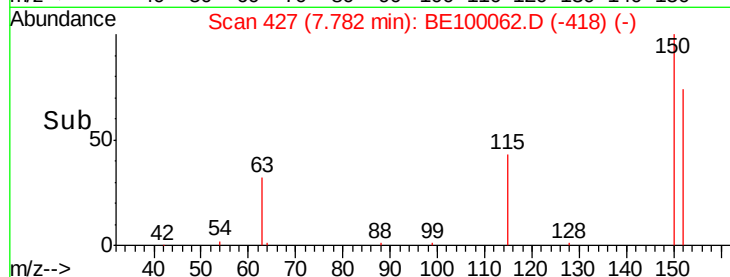
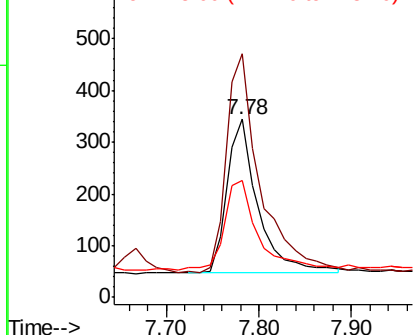
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 695
Ion Ratio Lower Upper
152 100
150 136.9 109.5 164.3
115 65.7 52.6 78.8



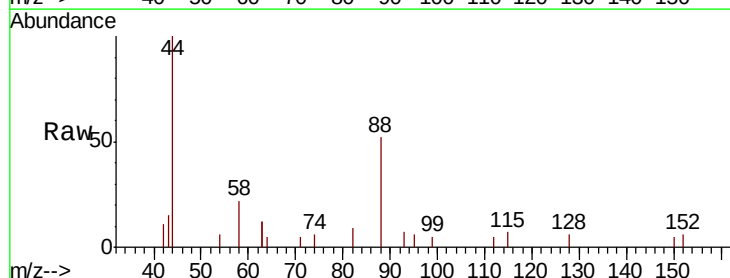
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



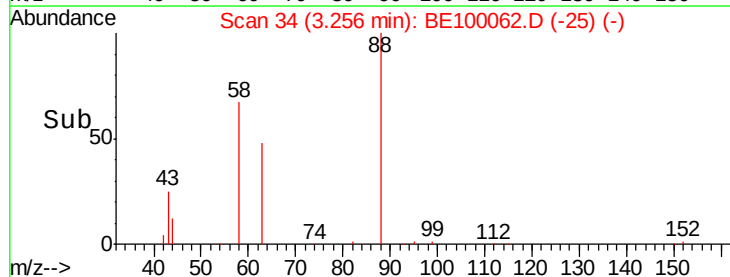
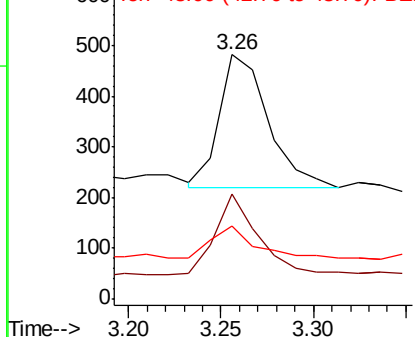
#2

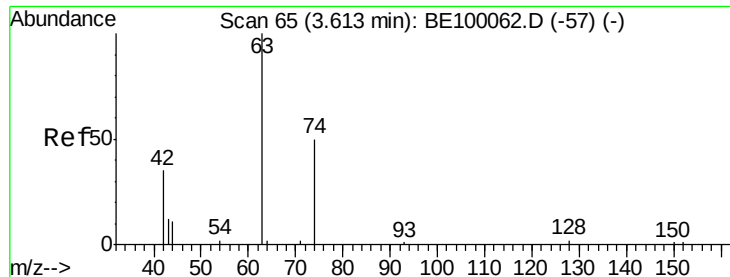
1,4-Dioxane
Concen: 0.468 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
58 52.4 41.9 62.9
43 19.8 15.8 23.8



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: 0.248 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

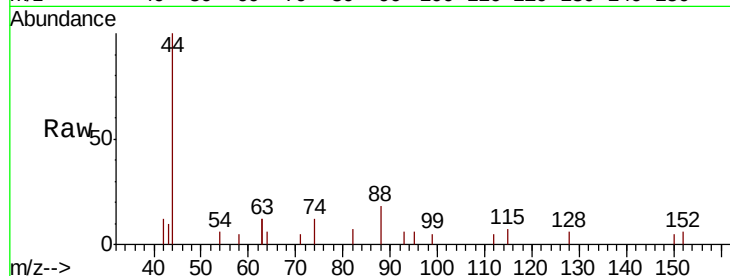
Tot Ion: 42 Resp: 147

Ion Ratio Lower Upper

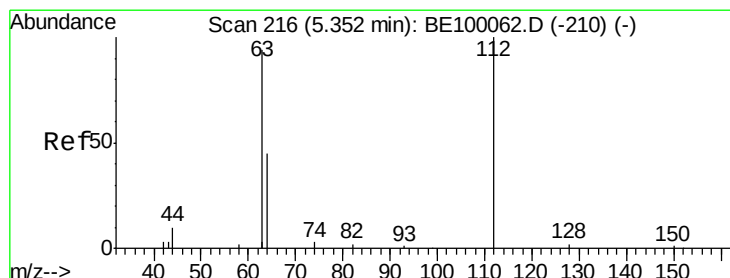
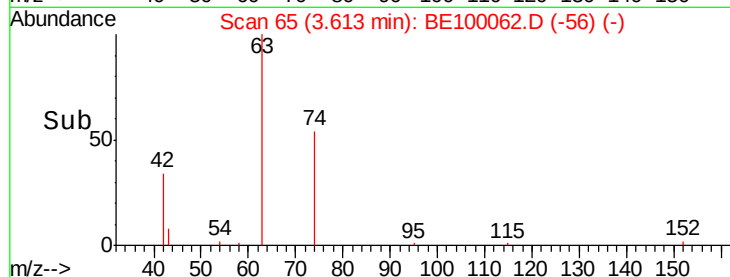
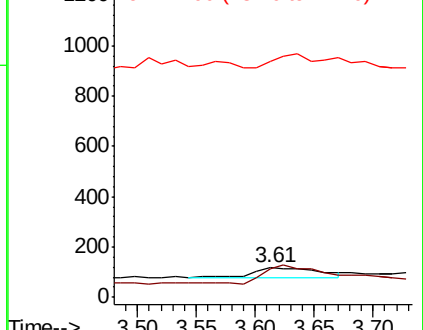
42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0



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: 0.374 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

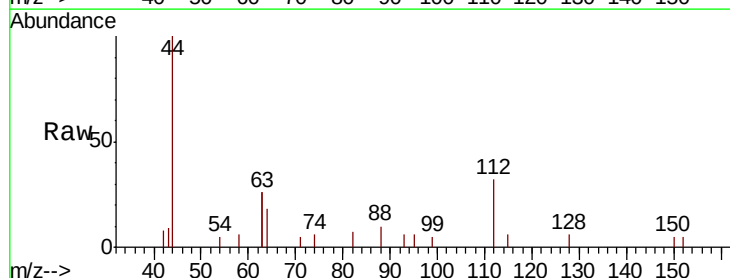
Tgt Ion: 112 Resp: 701

Ion Ratio Lower Upper

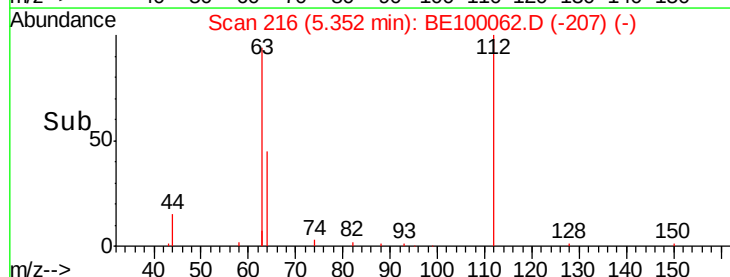
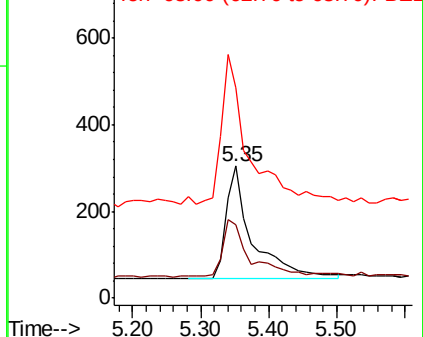
112 100

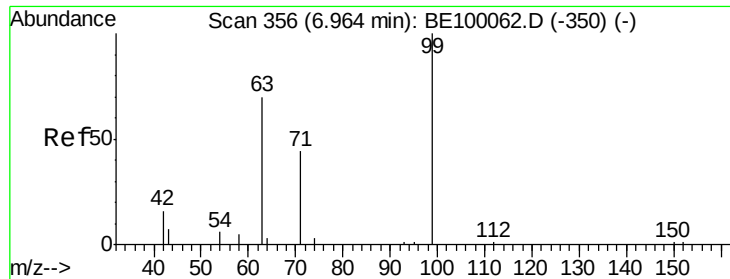
64 49.5 39.6 59.4

63 141.2 113.0 169.4



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





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

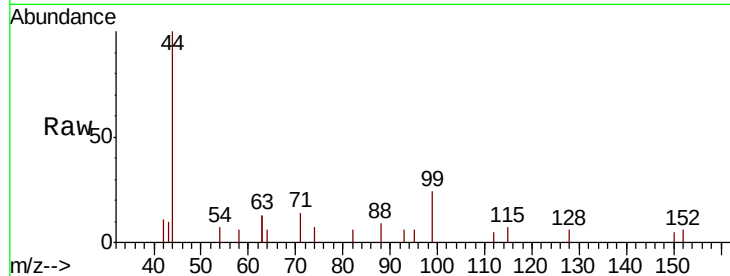
Tot Ion: 99 Resp: 858

Ion Ratio Lower Upper

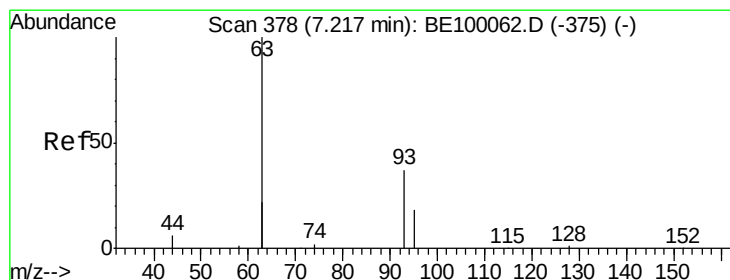
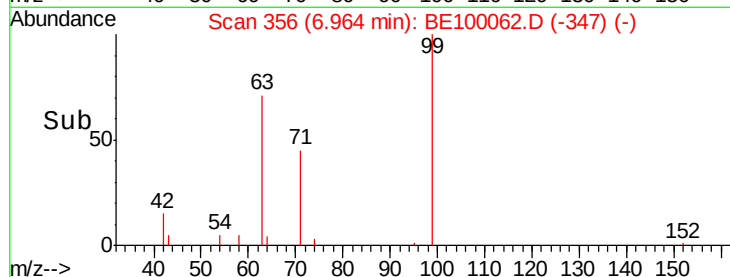
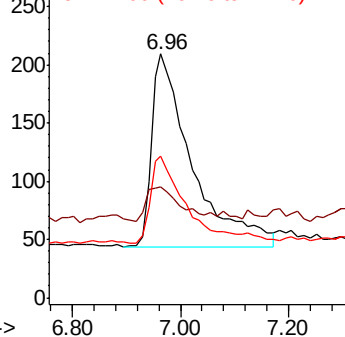
99 100

42 14.3 11.4 17.2

71 41.0 32.8 49.2



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: 0.362 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

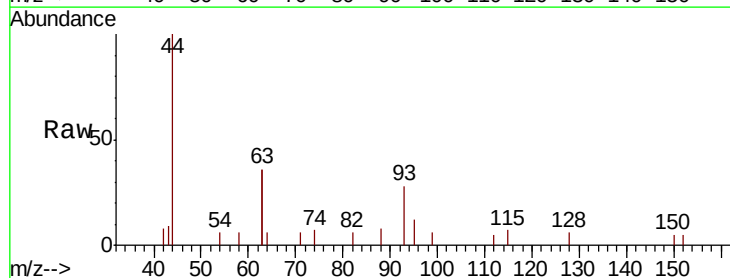
Tgt Ion: 93 Resp: 714

Ion Ratio Lower Upper

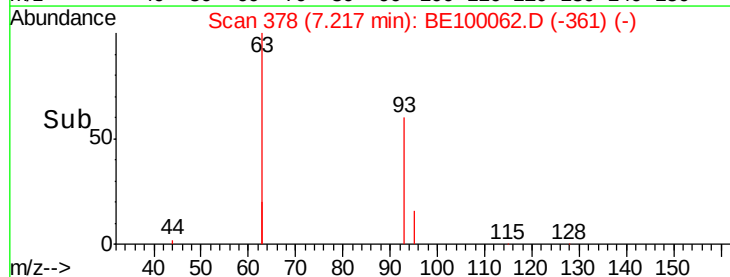
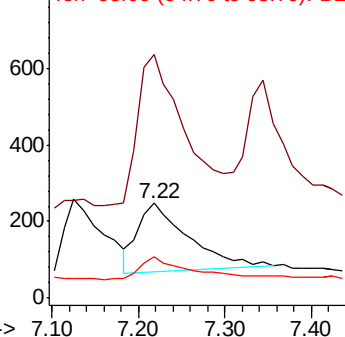
93 100

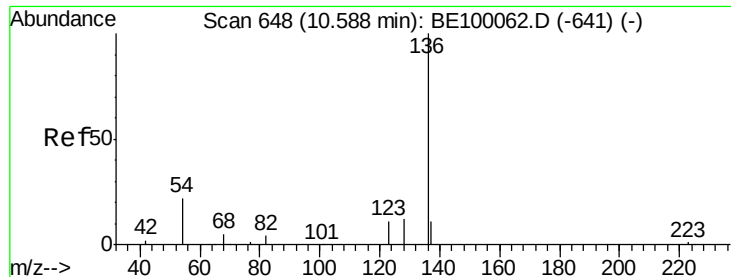
63 206.3 165.0 247.6

95 33.8 26.5 39.7



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: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 2342

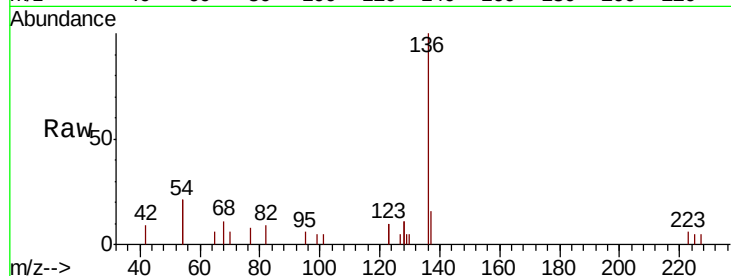
Ion Ratio Lower Upper

136 100

137 15.8 12.6 19.0

54 41.3 33.0 49.6

68 10.7 8.6 12.8

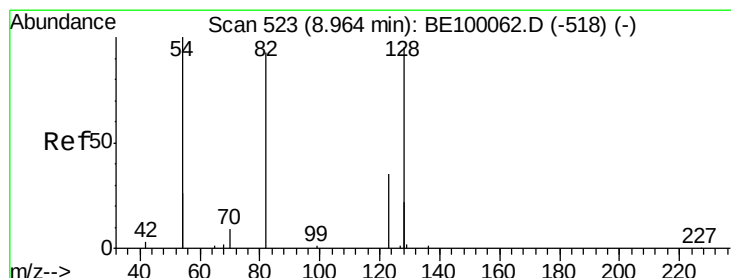
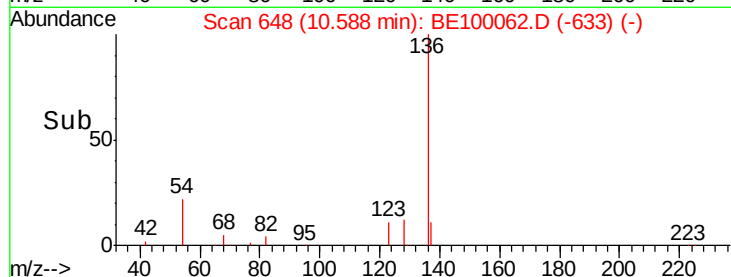
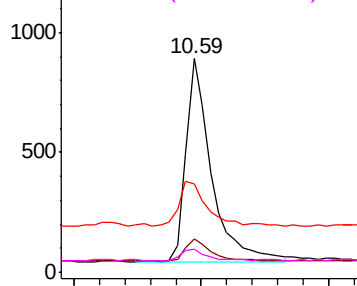


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

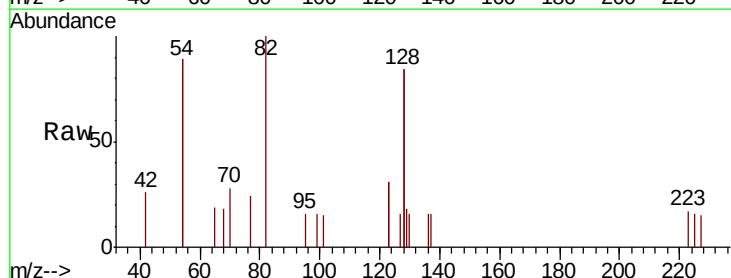
Tgt Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 168.2 134.6 201.8

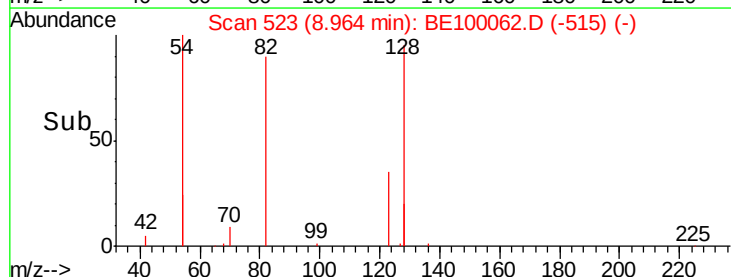
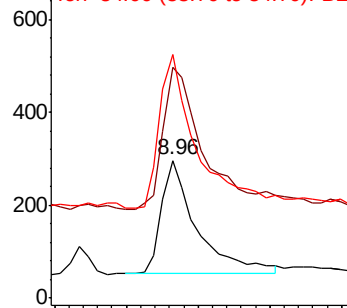
54 177.0 141.6 212.4

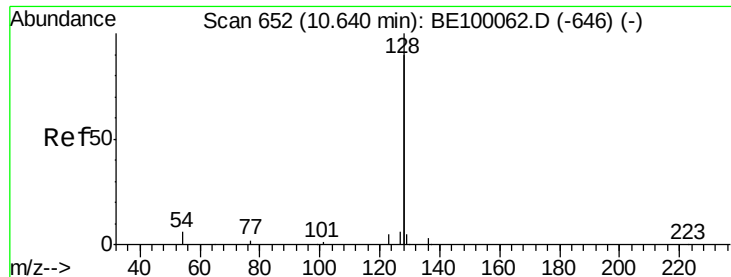


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

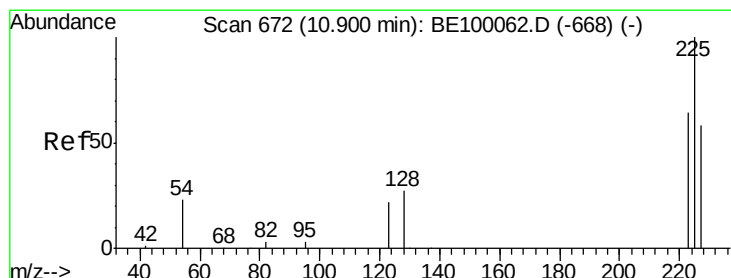
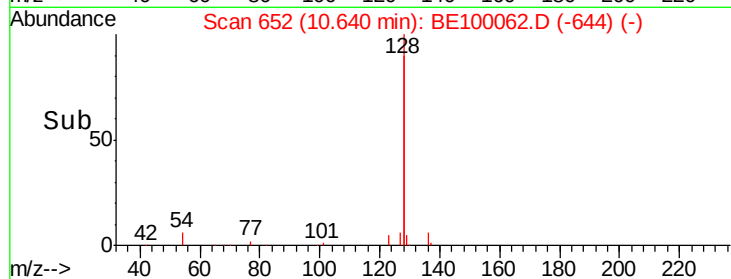
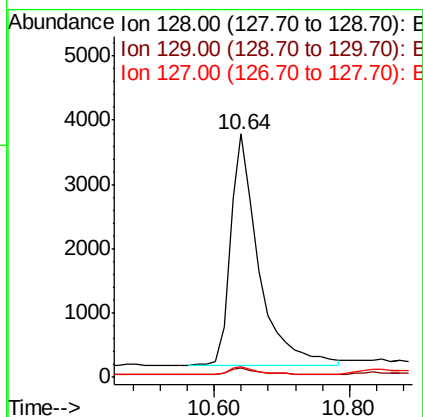
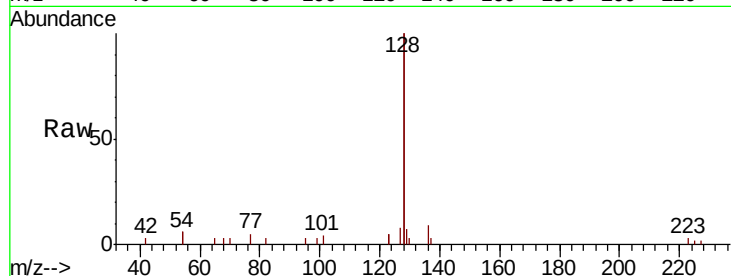




#9
Naphthalene
Concen: 0.413 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

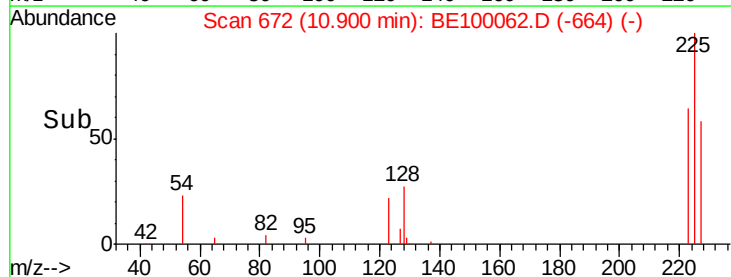
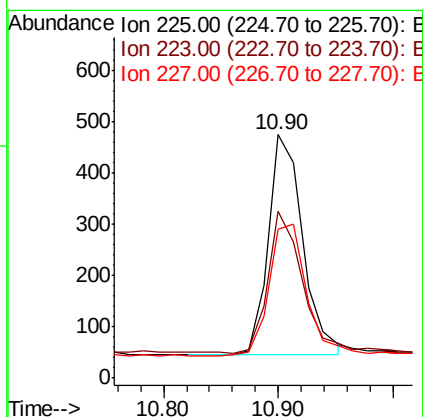
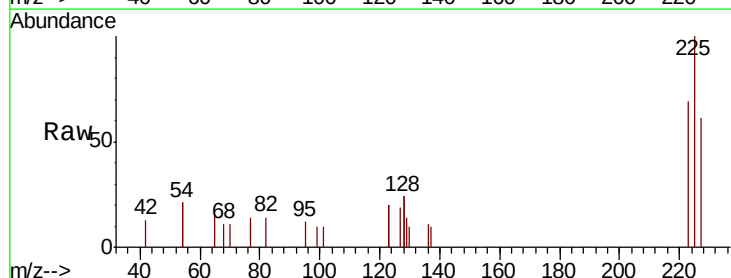
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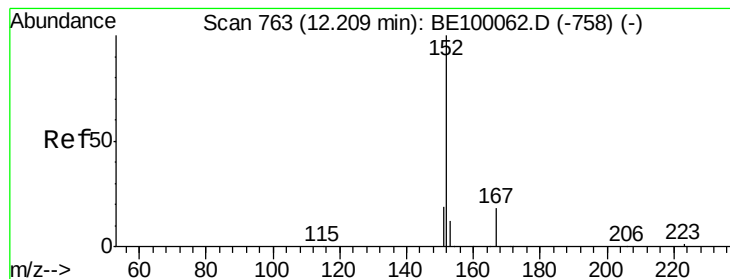
Tot Ion:128 Resp: 10441
Ion Ratio Lower Upper
128 100
129 3.7 3.0 4.4
127 4.2 3.4 5.0



#10
Hexachlorobutadiene
Concen: 0.465 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:225 Resp: 896
Ion Ratio Lower Upper
225 100
223 62.9 51.1 76.7
227 64.3 51.9 77.9





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

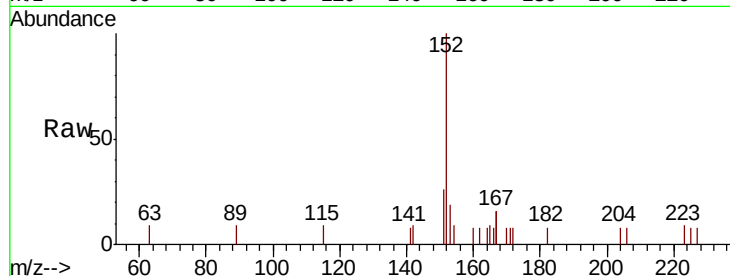
SSTDICCC0.4

Tot Ion:152 Resp: 1640

Ion Ratio Lower Upper

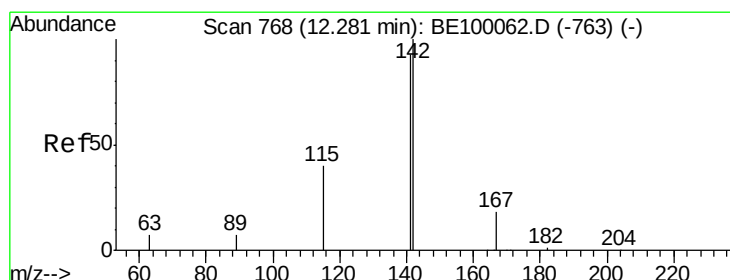
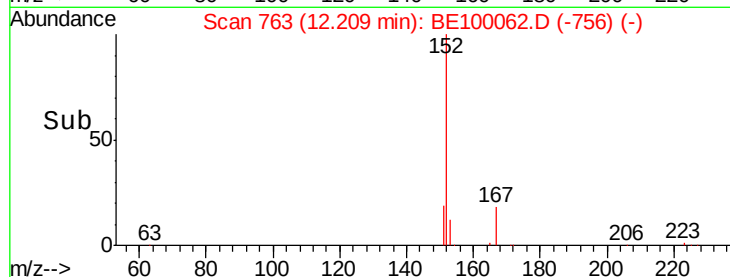
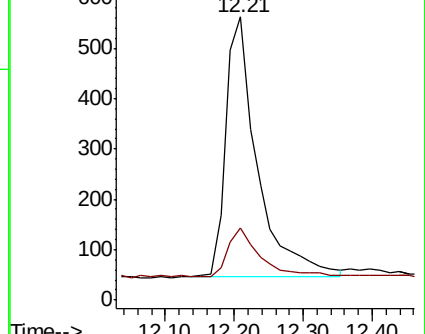
152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

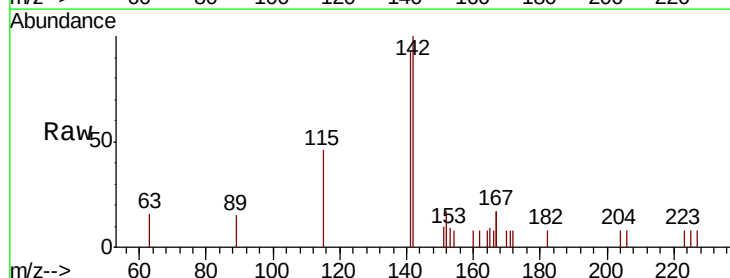
Tgt Ion:142 Resp: 1571

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4

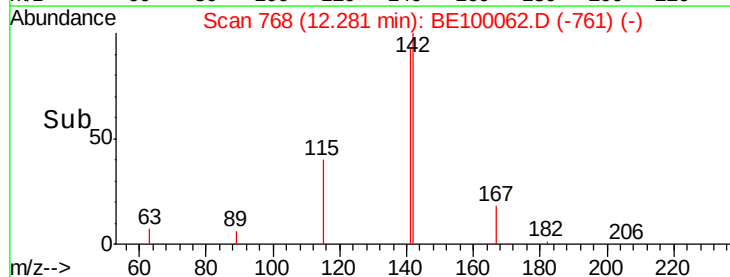
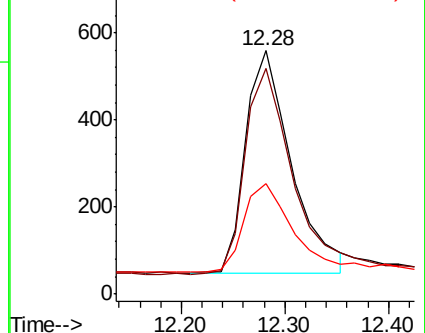
115 45.6 36.5 54.7

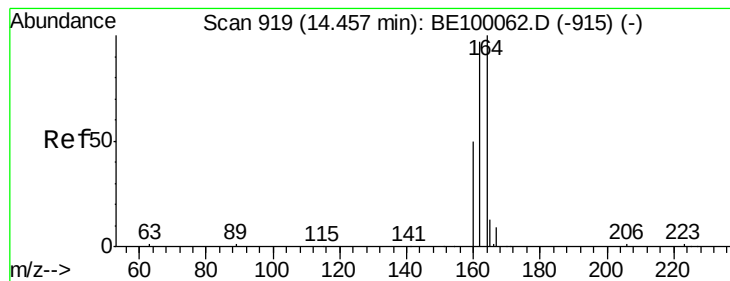


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

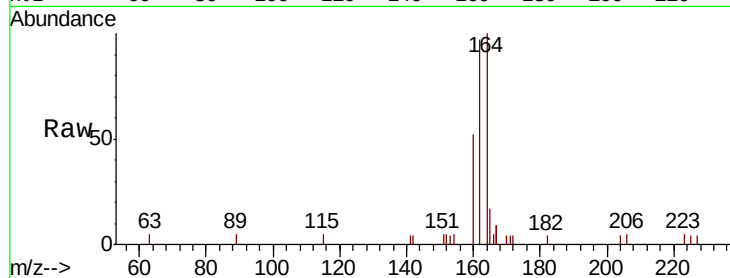
Tot Ion:164 Resp: 1781

Ion Ratio Lower Upper

164 100

162 97.0 77.6 116.4

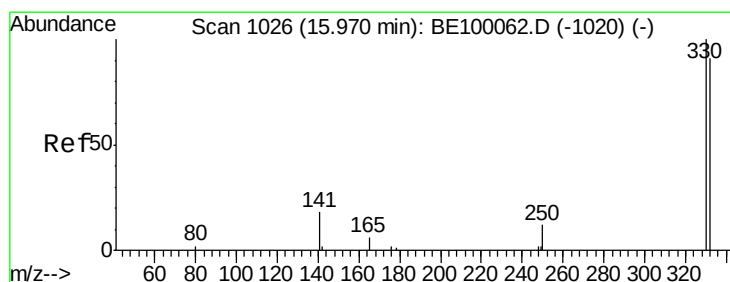
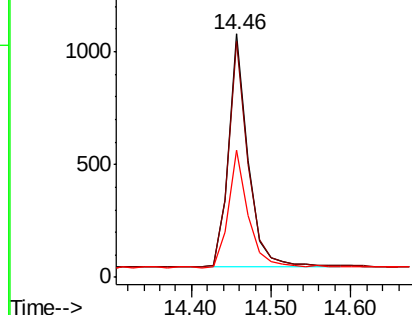
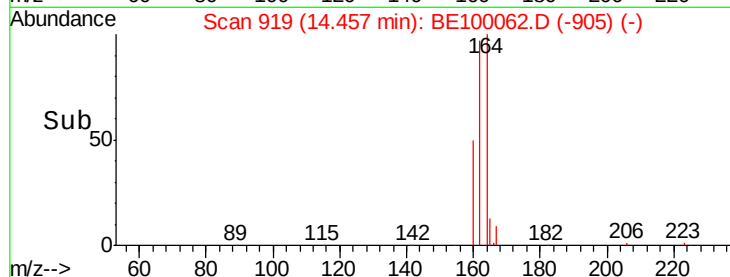
160 52.1 41.7 62.5



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: 0.287 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

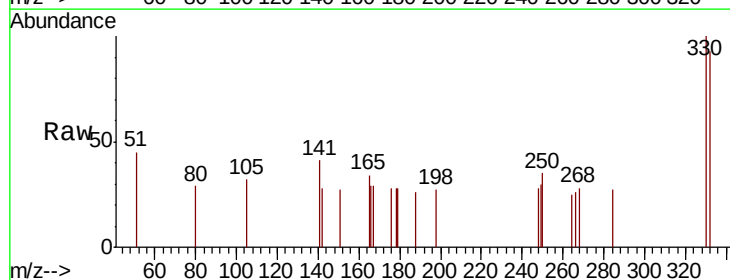
Tgt Ion:330 Resp: 378

Ion Ratio Lower Upper

330 100

332 93.4 74.7 112.1

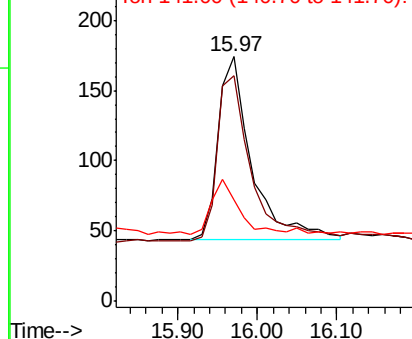
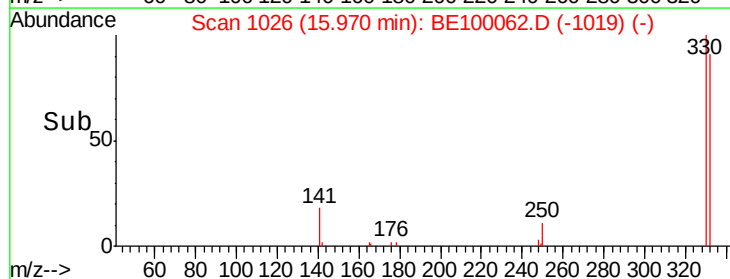
141 25.4 20.3 30.5

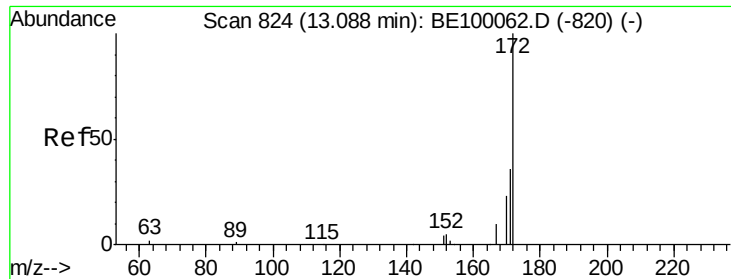


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

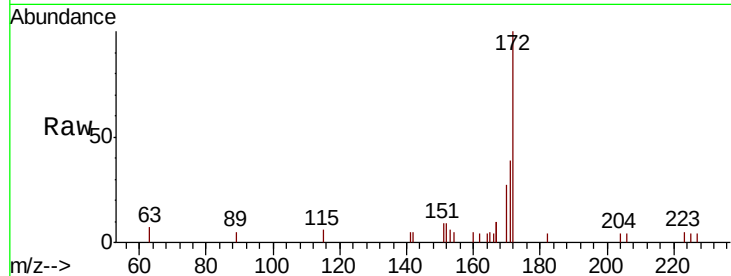




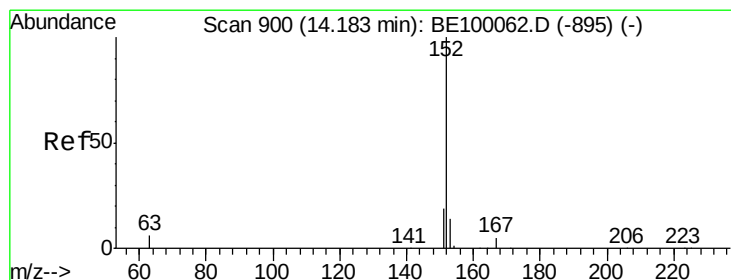
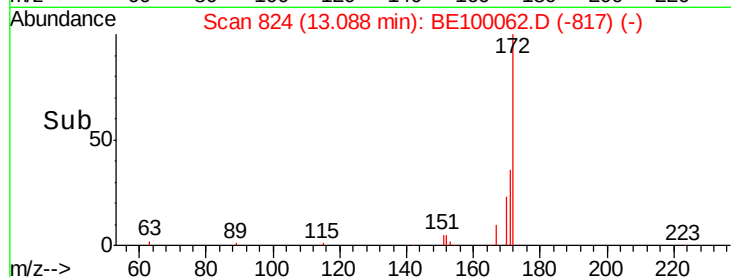
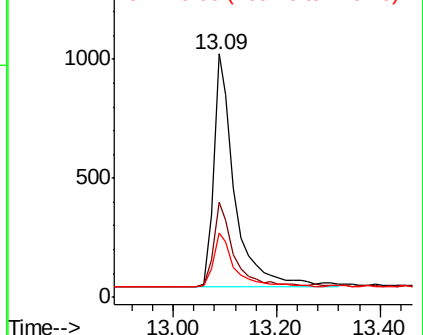
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 2803
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.6
170 26.6 21.3 31.9

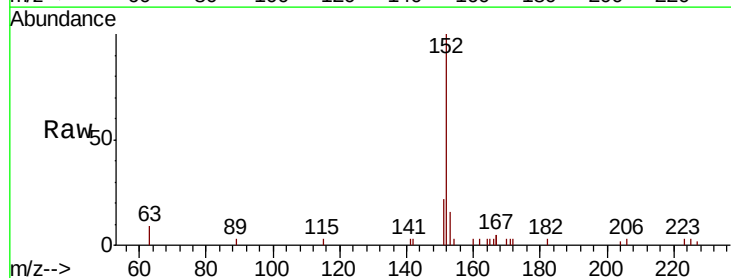


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

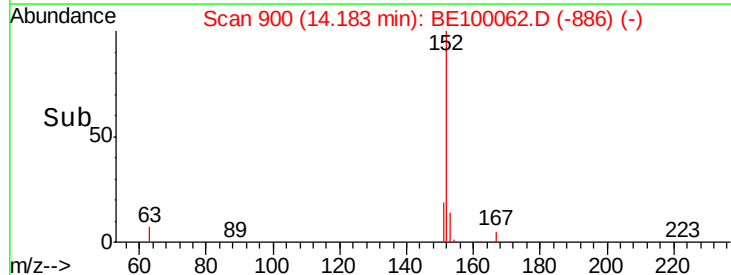
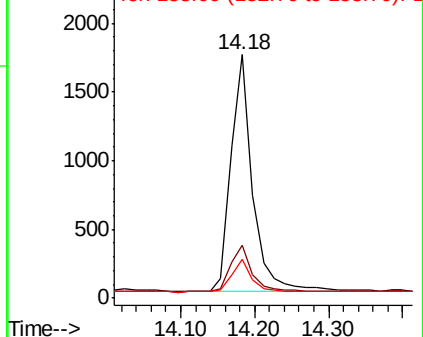


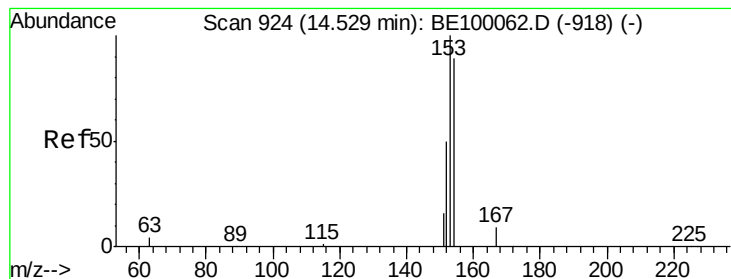
#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:152 Resp: 3503
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

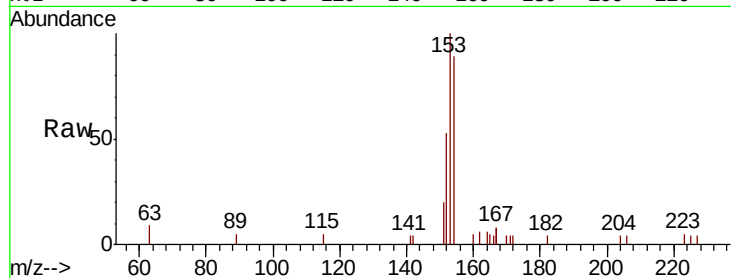
Tot Ion:154 Resp: 1940

Ion Ratio Lower Upper

154 100

153 117.9 94.3 141.5

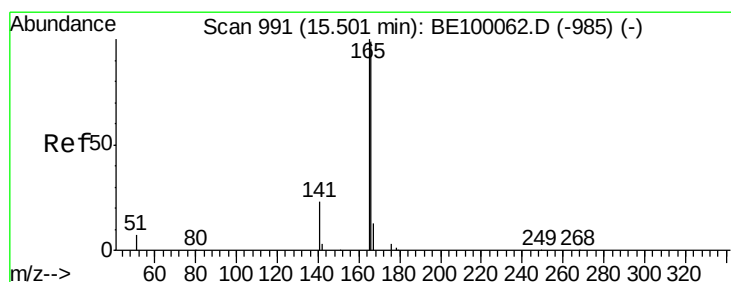
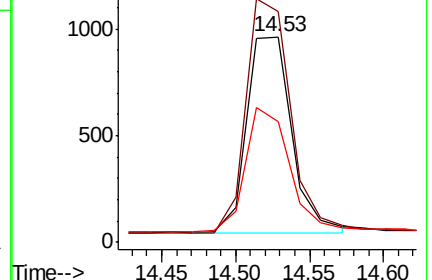
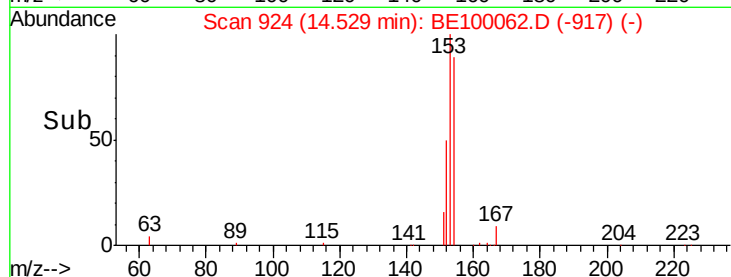
152 61.3 49.0 73.6



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: 0.393 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

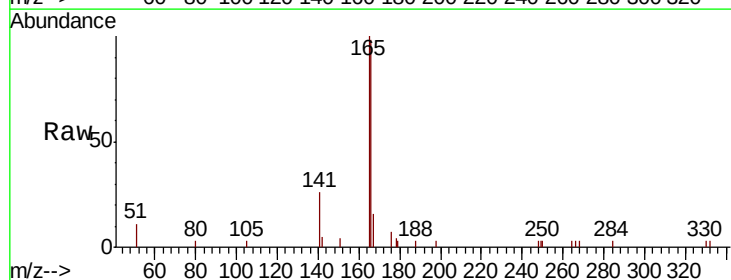
Tgt Ion:166 Resp: 2849

Ion Ratio Lower Upper

166 100

165 102.9 82.3 123.5

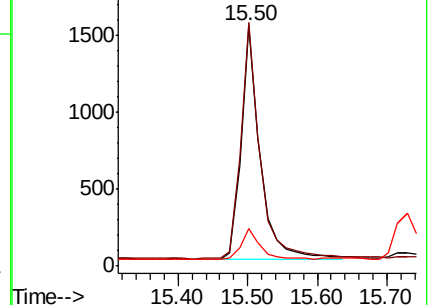
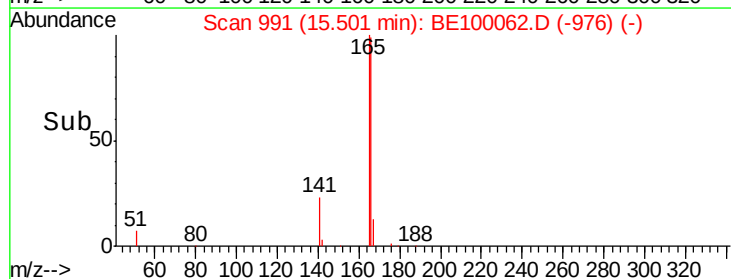
167 13.7 11.0 16.4

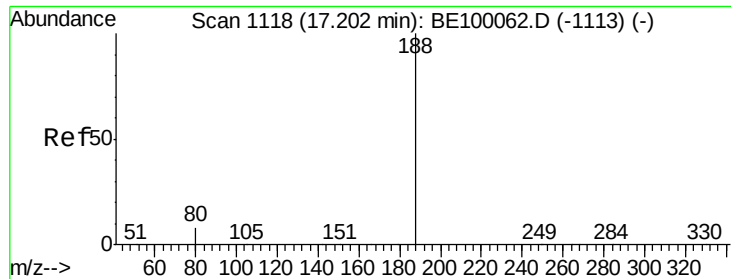


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

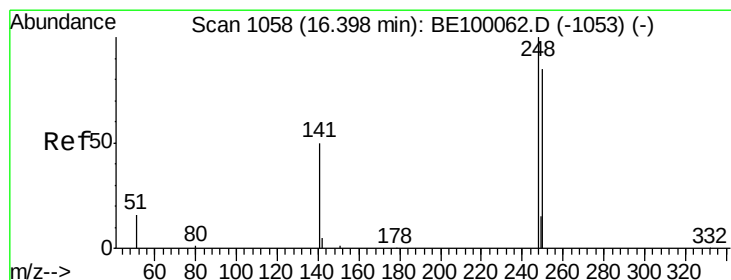
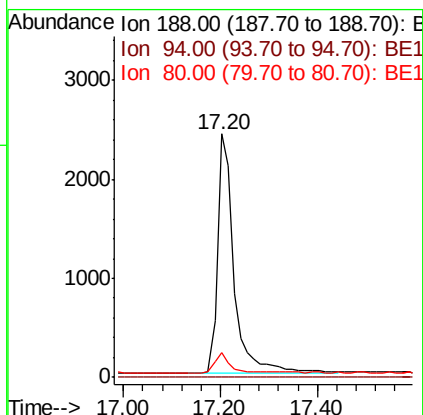
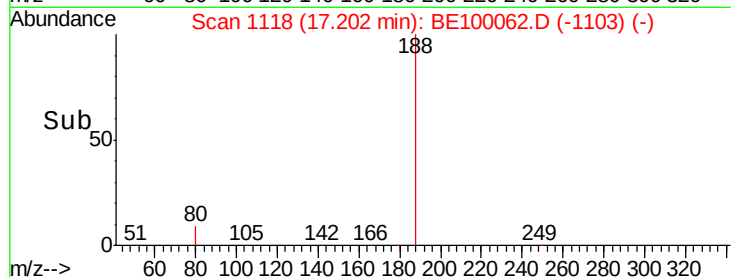
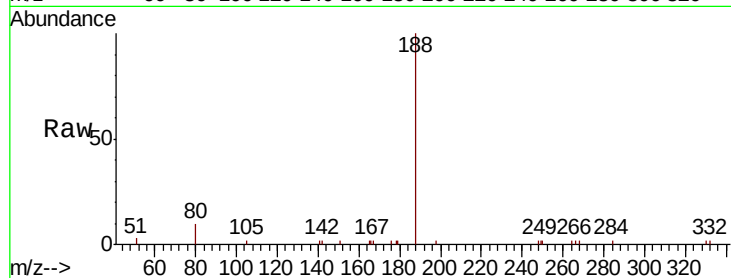
Tot Ion:188 Resp: 5658

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 8.2 12.4



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

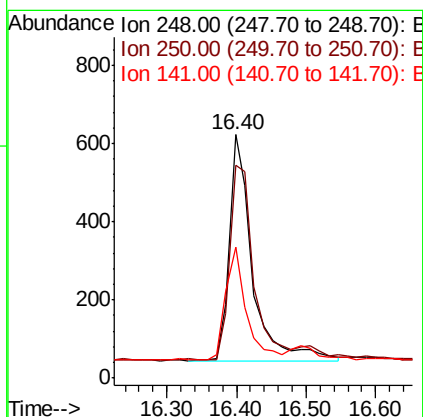
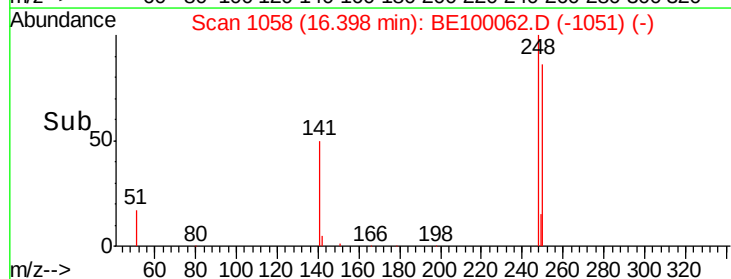
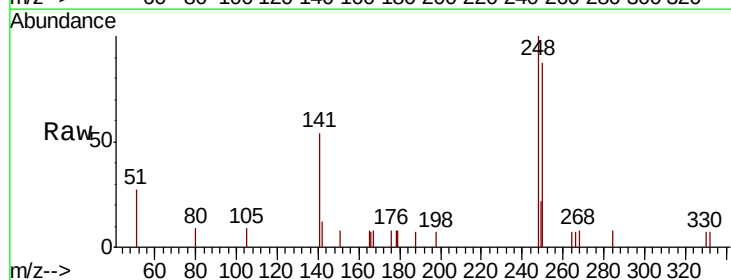
Tgt Ion:248 Resp: 1320

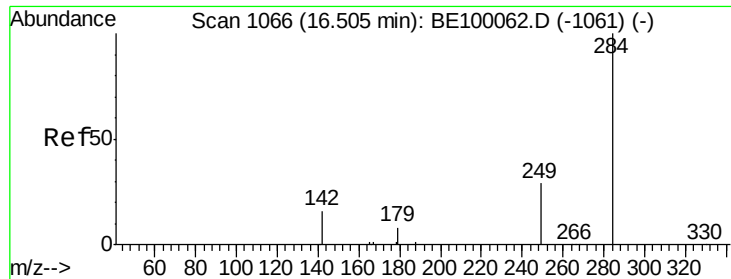
Ion Ratio Lower Upper

248 100

250 87.3 69.8 104.8

141 53.8 43.0 64.6

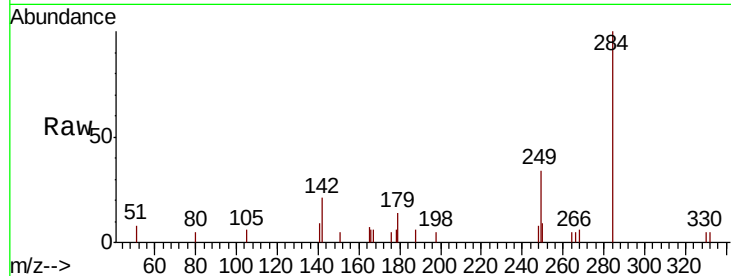




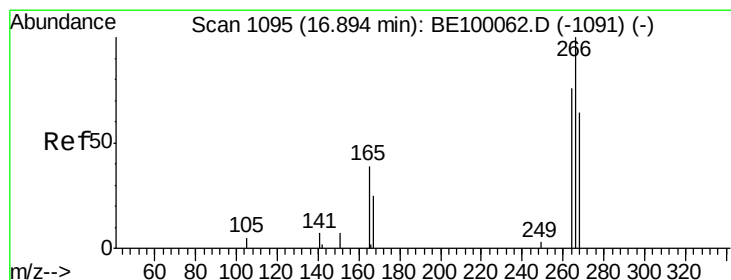
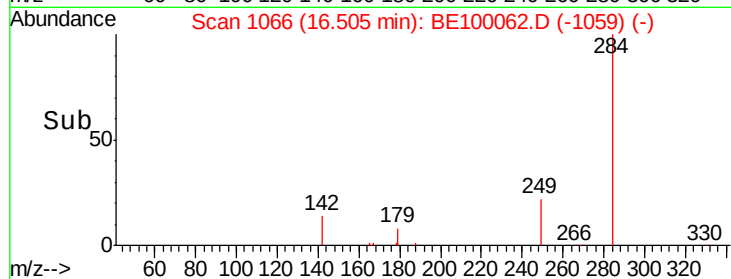
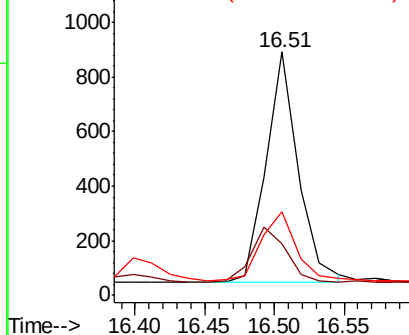
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 1366
Ion Ratio Lower Upper
284 100
142 25.5 20.3 30.5
249 31.6 25.3 37.9

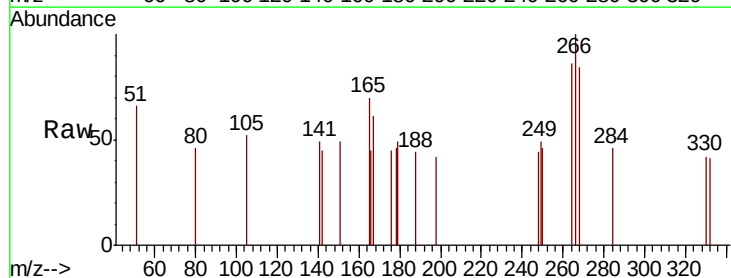


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

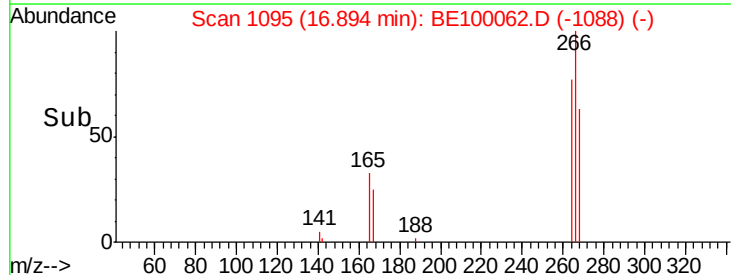
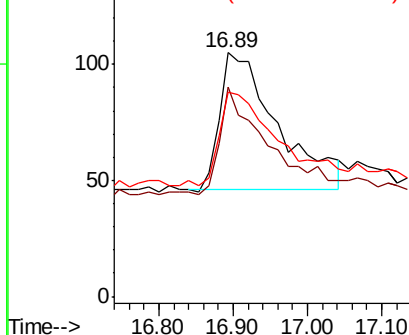


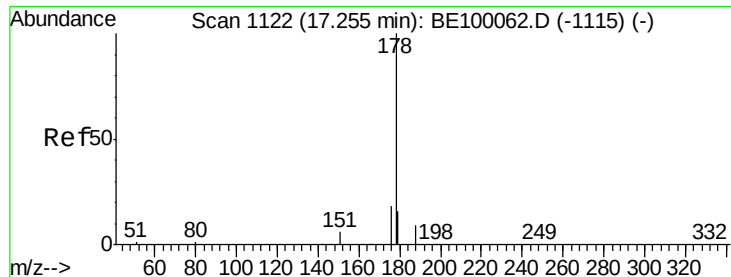
#22
Pentachlorophenol
Concen: 0.310 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:266 Resp: 318
Ion Ratio Lower Upper
266 100
264 85.7 68.6 102.8
268 83.8 67.0 100.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

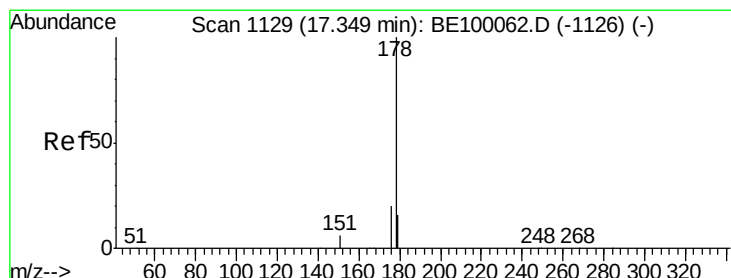
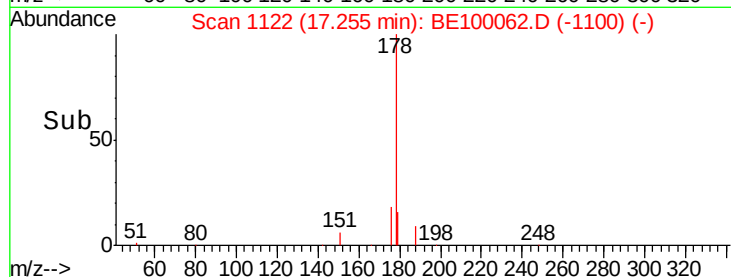
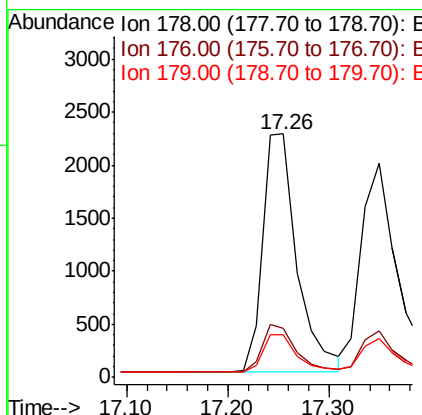
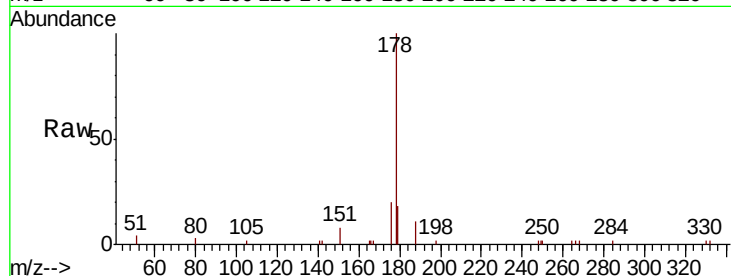




#23
Phenanthrene
Concen: 0.387 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

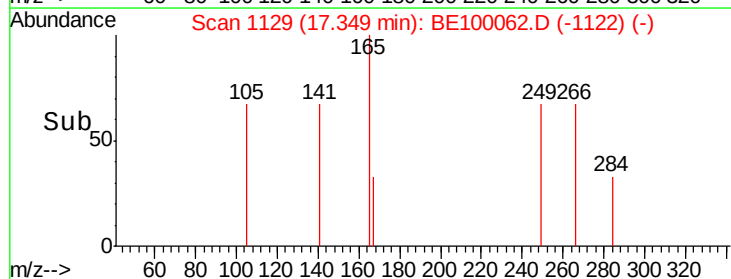
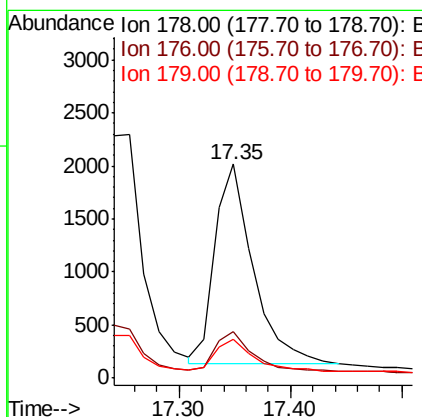
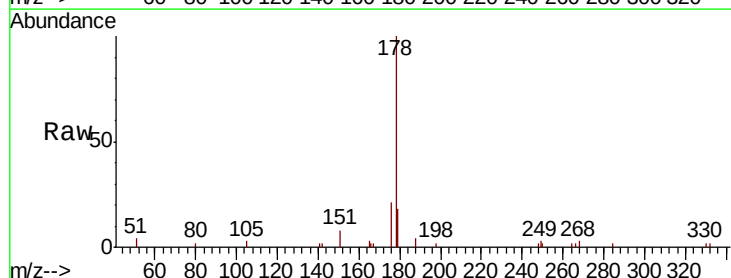
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

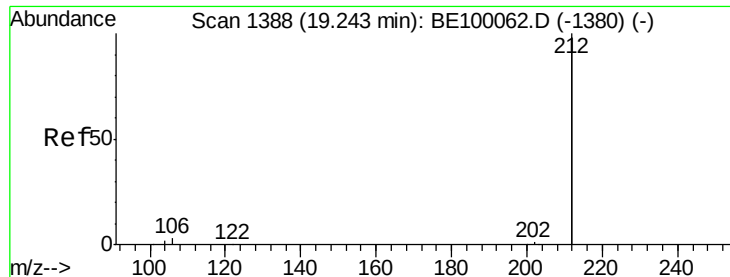
Tot Ion:178 Resp: 5309
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.5 12.4 18.6



#24
Anthracene
Concen: 0.359 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:178 Resp: 4520
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.7 12.6 19.0





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

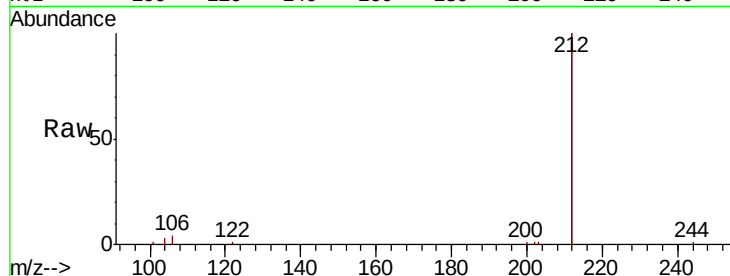
Tot Ion:212 Resp: 30496

Ion Ratio Lower Upper

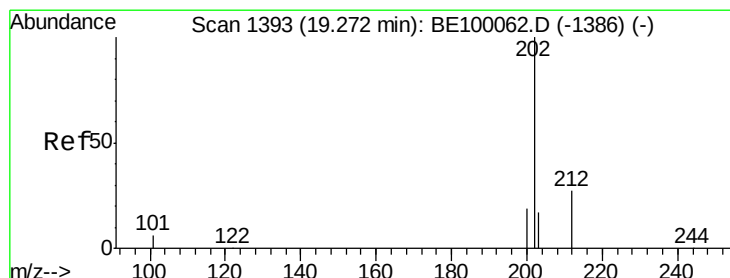
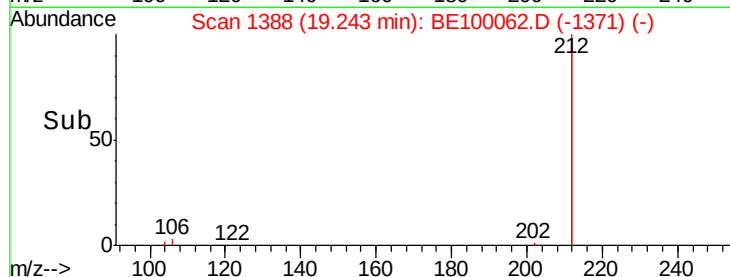
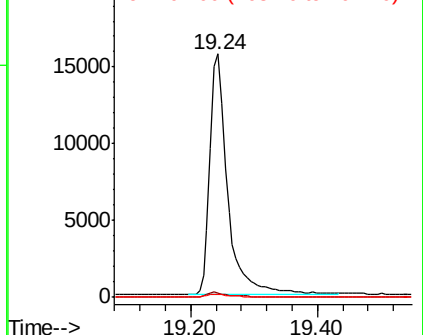
212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.376 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

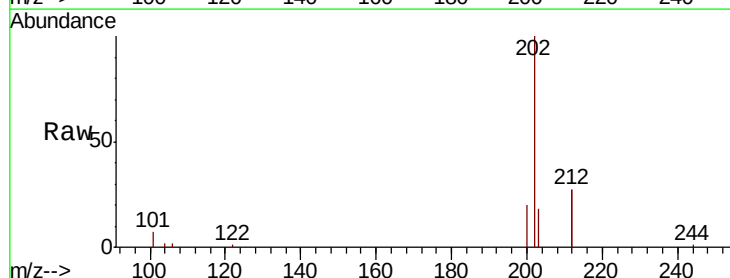
Tgt Ion:202 Resp: 8765

Ion Ratio Lower Upper

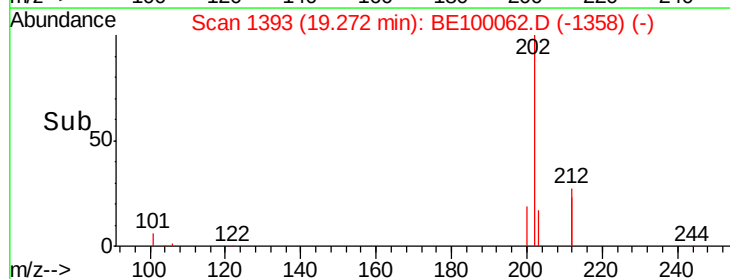
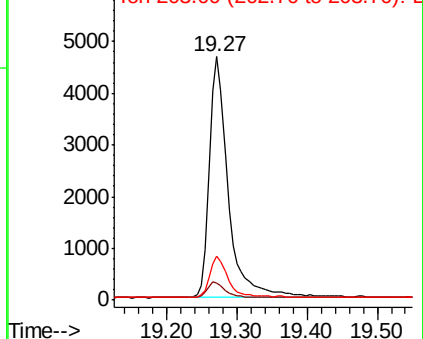
202 100

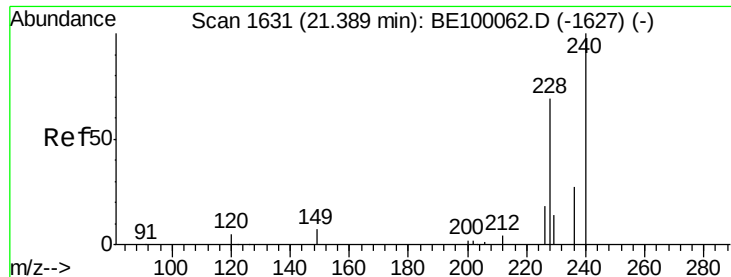
101 6.6 5.3 7.9

203 16.6 13.3 19.9



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: 21.39 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

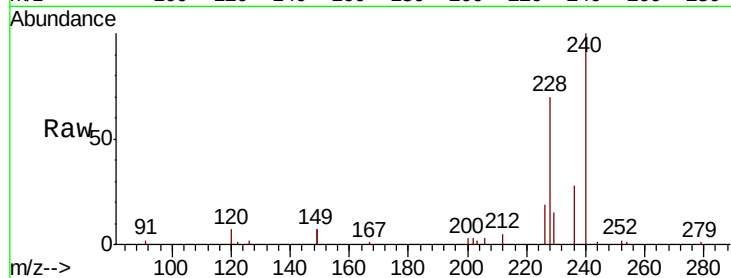
Tot Ion:240 Resp: 8281

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

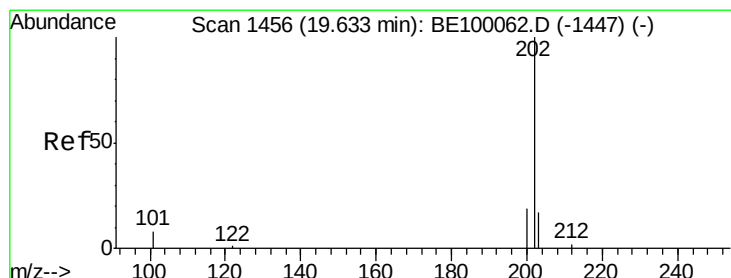
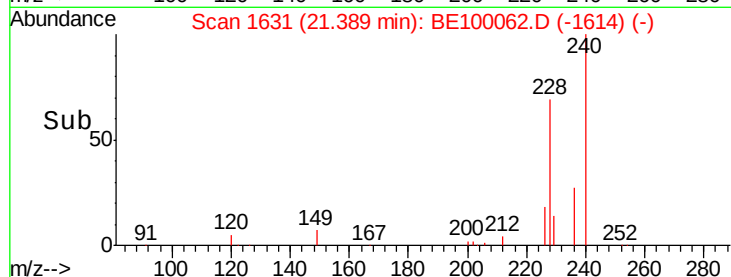
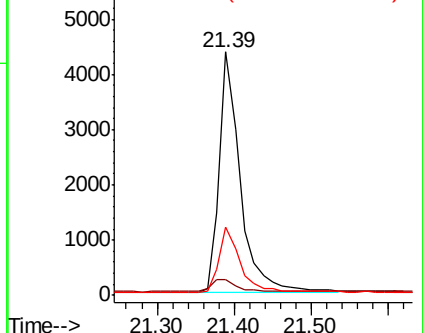
236 28.2 22.6 33.8



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: 0.417 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

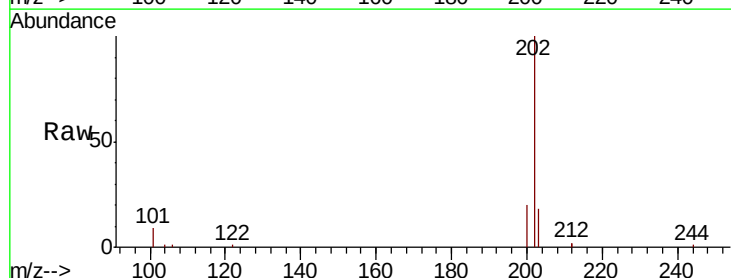
Tgt Ion:202 Resp: 9083

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

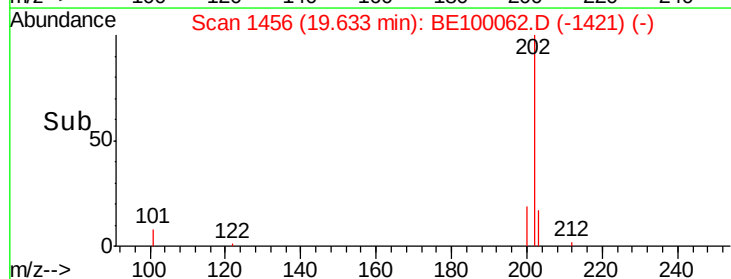
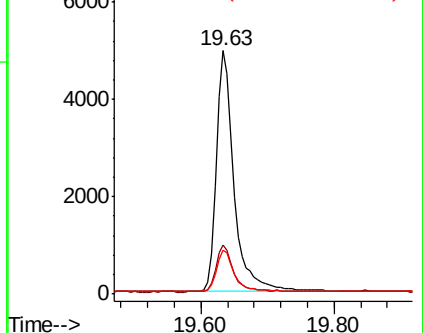
203 17.5 14.0 21.0

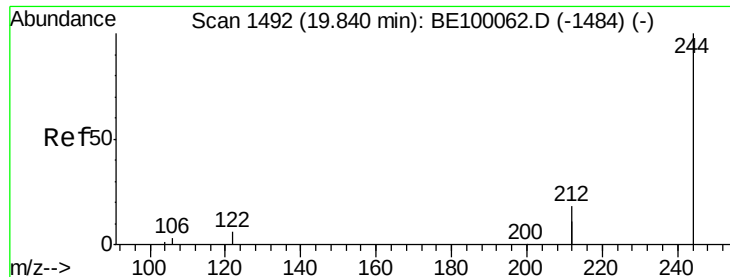


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

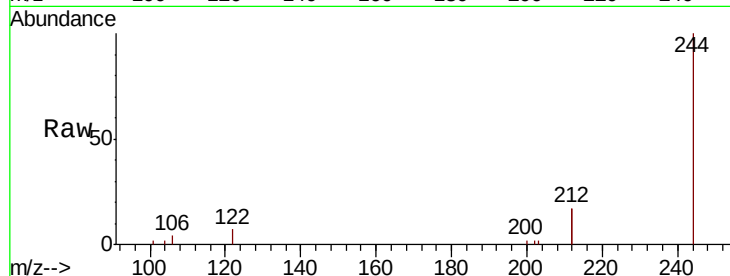
Tot Ion:244 Resp: 6041

Ion Ratio Lower Upper

244 100

212 34.9 27.9 41.9

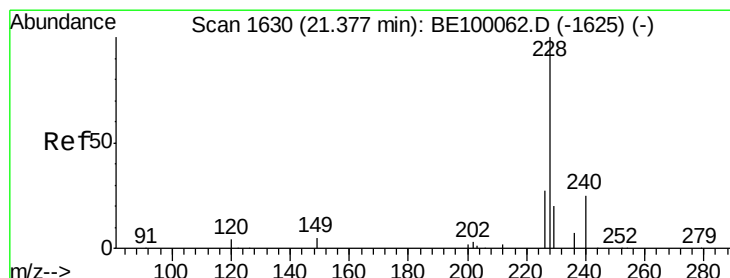
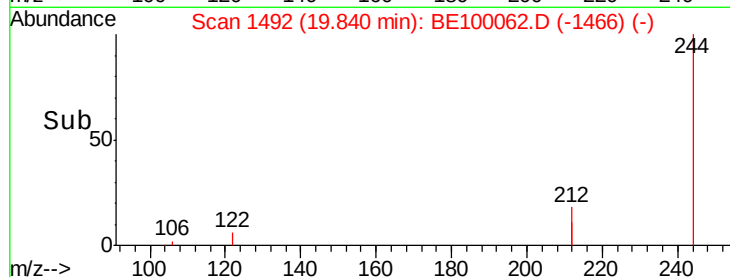
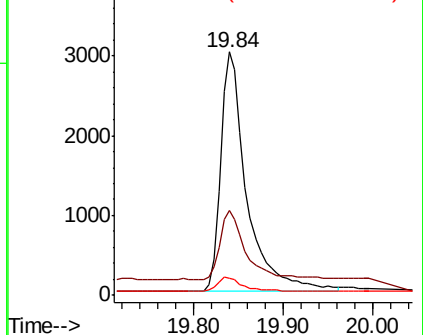
122 7.2 5.8 8.6



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: 0.412 ng

RT: 21.38 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

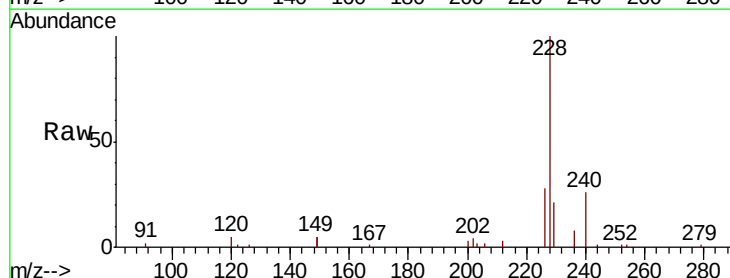
Tgt Ion:228 Resp: 10188

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

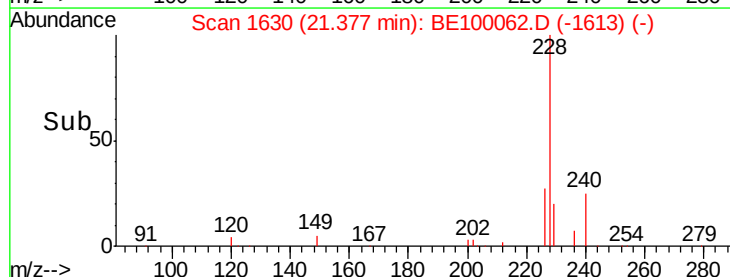
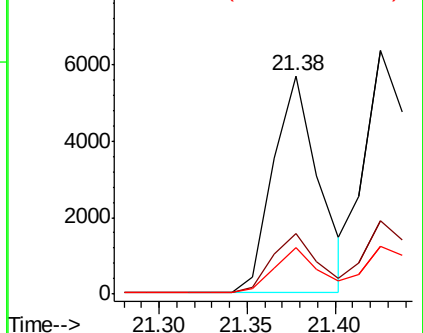
229 21.1 16.9 25.3

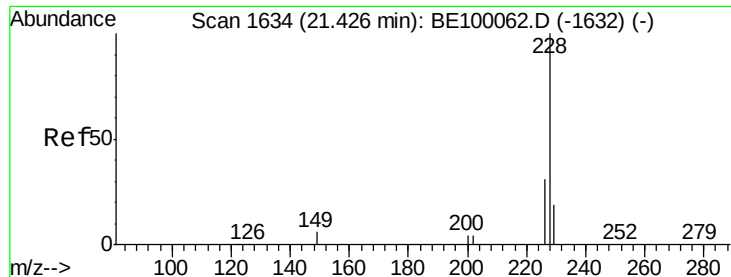


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.471 ng

RT: 21.43 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

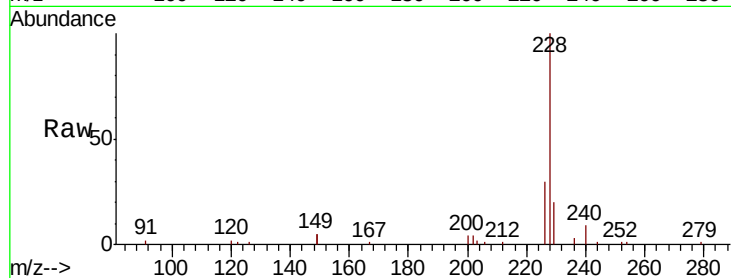
Tot Ion:228 Resp: 12047

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

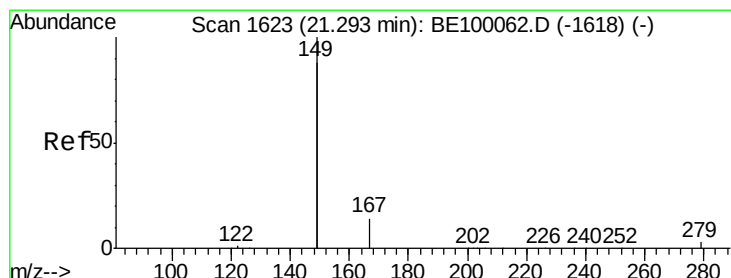
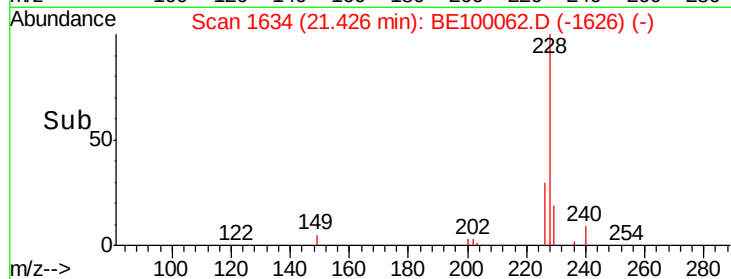
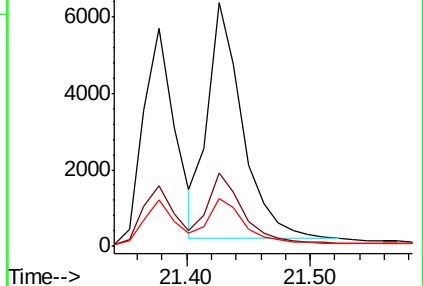
229 19.8 15.8 23.8



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: 0.376 ng

RT: 21.29 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

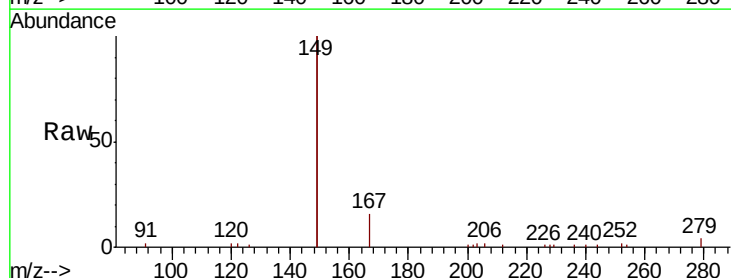
Tgt Ion:149 Resp: 13372

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

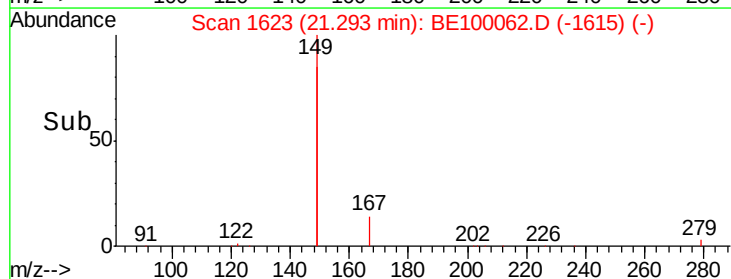
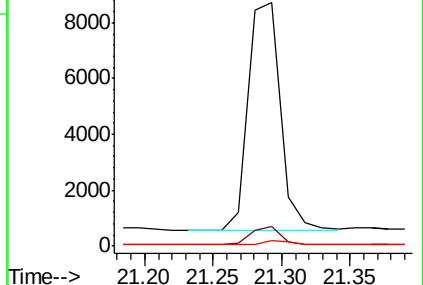
279 1.3 1.0 1.6

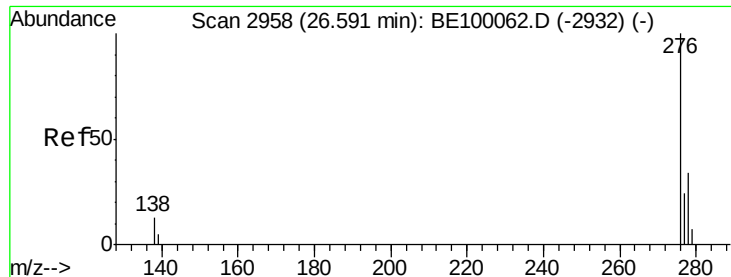


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.466 ng

RT: 26.59 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

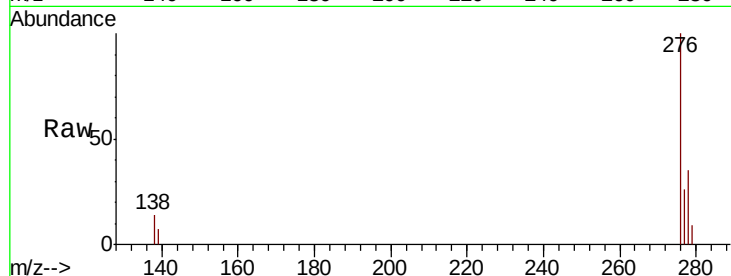
Tot Ion:276 Resp: 14131

Ion Ratio Lower Upper

276 100

138 13.4 10.7 16.1

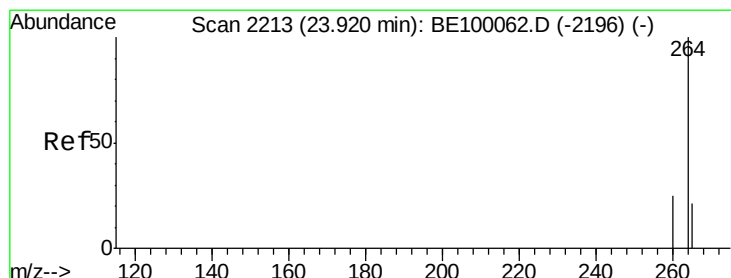
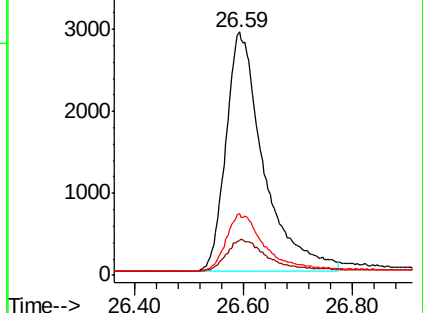
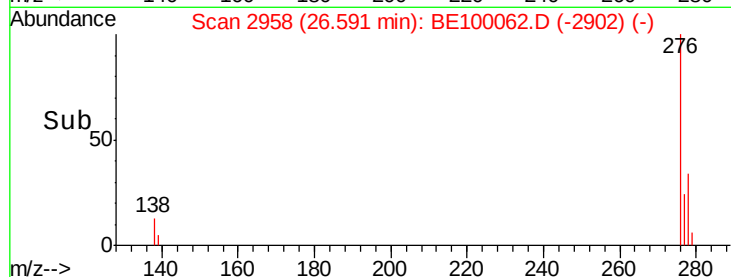
277 23.9 19.0 28.6



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: 23.92 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

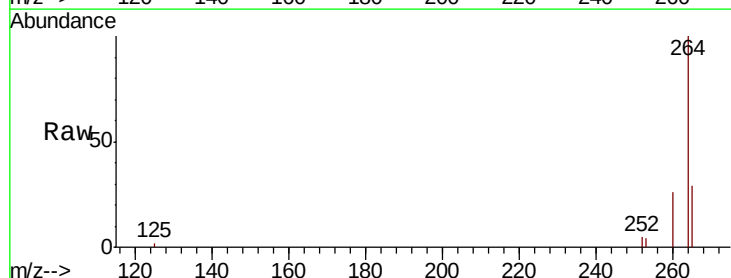
Tgt Ion:264 Resp: 9913

Ion Ratio Lower Upper

264 100

260 25.8 20.6 31.0

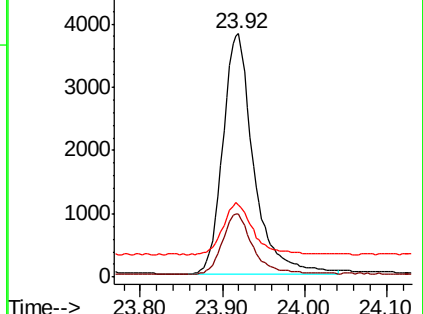
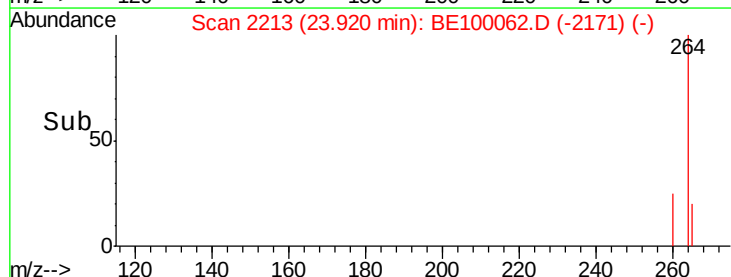
265 29.5 23.6 35.4

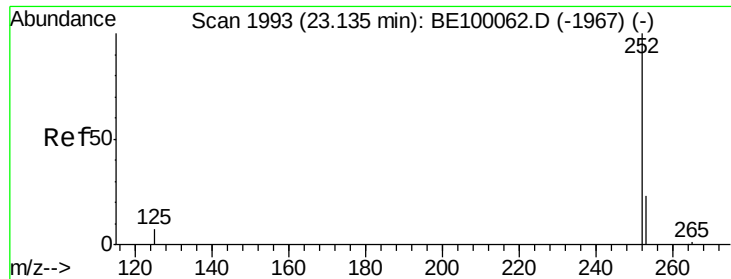


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

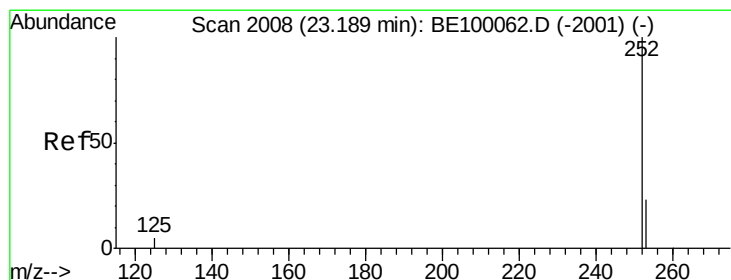
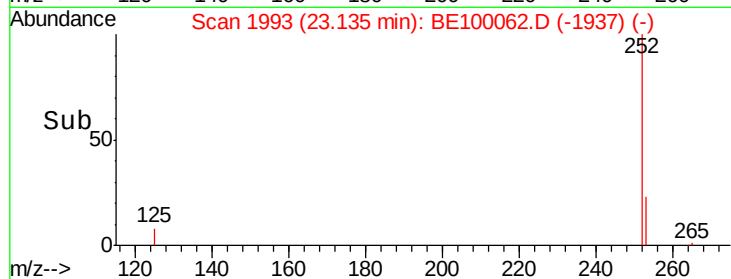
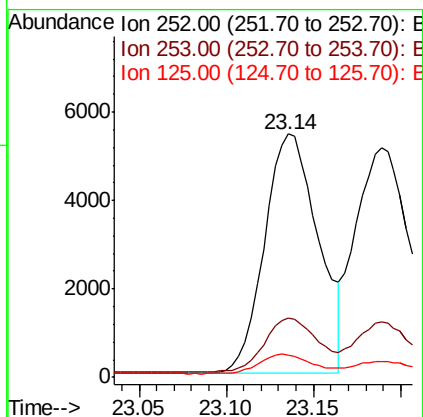
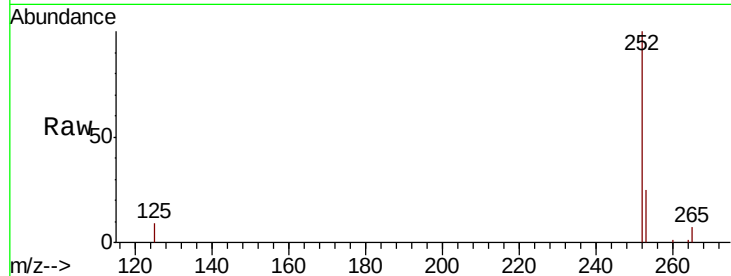




#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.14 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

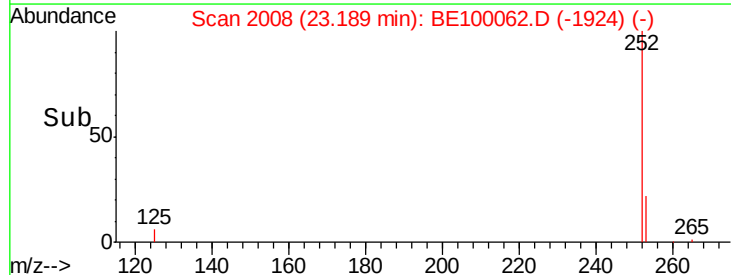
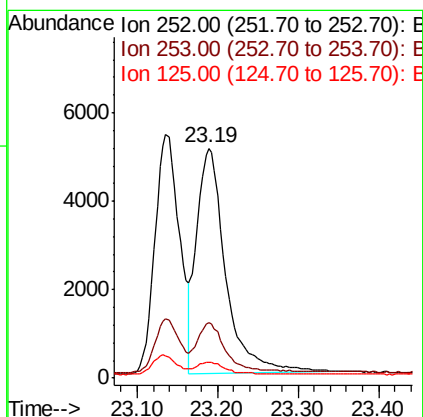
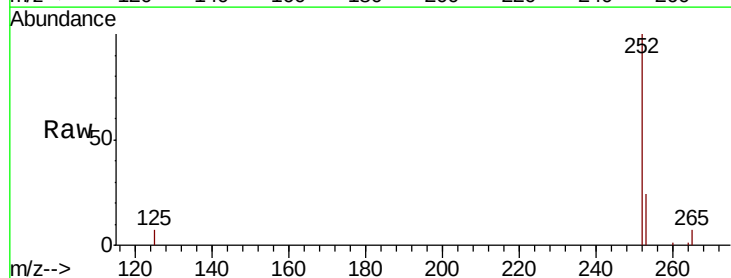
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

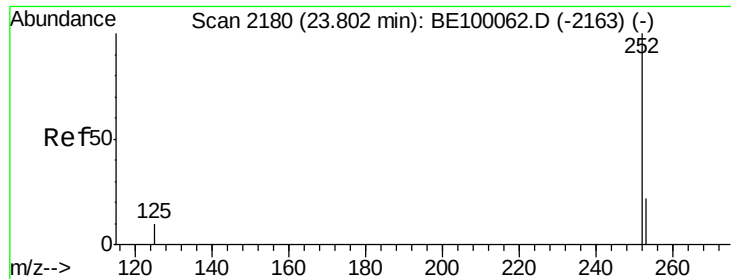
Tot Ion:252 Resp: 11609
Ion Ratio Lower Upper
252 100
253 24.5 19.6 29.4
125 9.0 7.2 10.8



#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:252 Resp: 12713
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 7.0 5.6 8.4





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.80 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

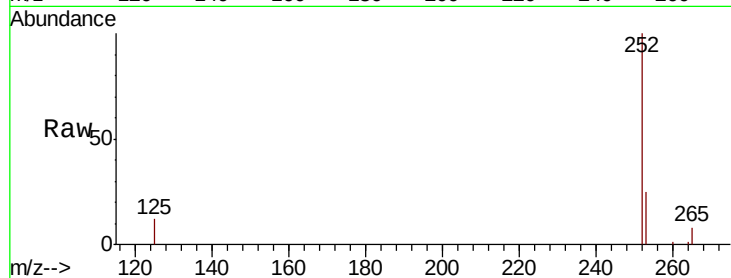
Tot Ion:252 Resp: 11429

Ion Ratio Lower Upper

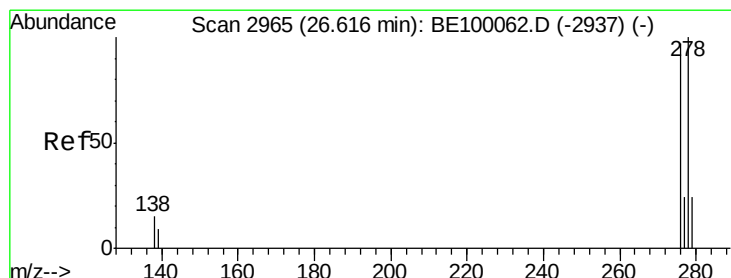
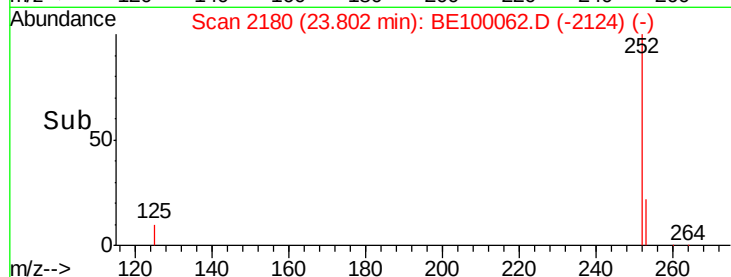
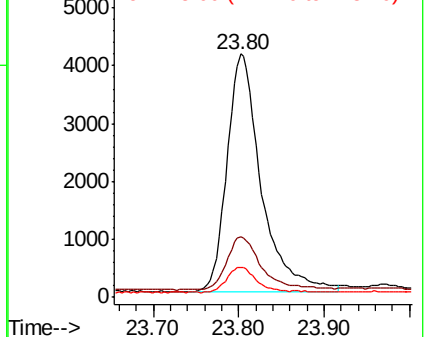
252 100

253 25.0 20.0 30.0

125 12.0 9.6 14.4



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



#38

Dibenzo(a,h)anthracene

Concen: 0.404 ng

RT: 26.62 min Scan# 2965

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

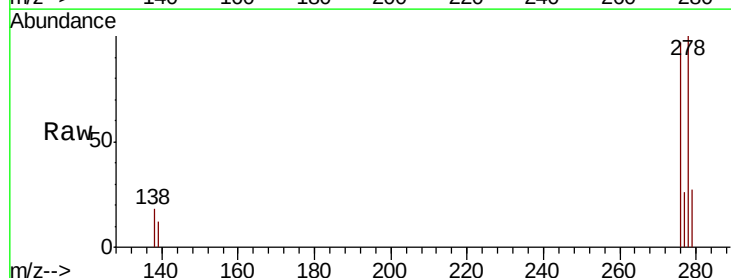
Tgt Ion:278 Resp: 11129

Ion Ratio Lower Upper

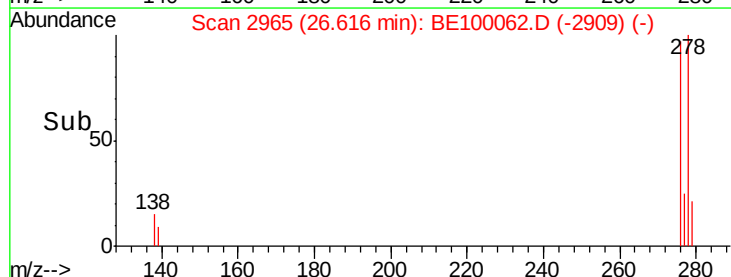
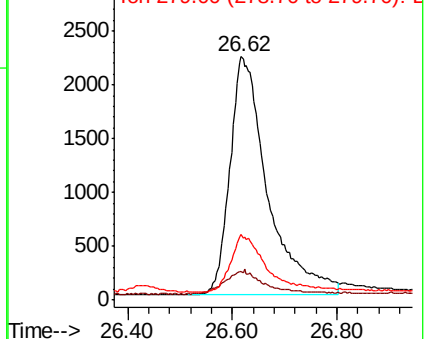
278 100

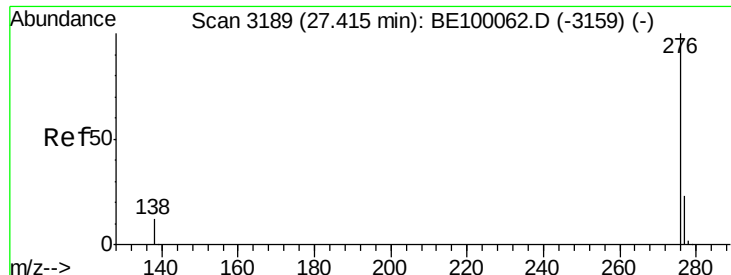
139 11.5 9.2 13.8

279 26.7 21.4 32.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.419 ng

RT: 27.42 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BE100062.D

Acq: 17 Jun 2019 12:32

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

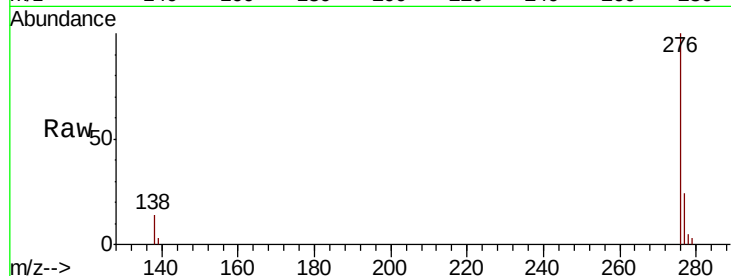
Tot Ion:276 Resp: 11927

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 13.8 11.0 16.6



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

