

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100078.D
 Acq On : 19 Jun 2019 10:44
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 19 12:17:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 12:09:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	529	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1882	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1392	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4447	0.40	ng	0.00
27) Chrysene-d12	21.34	240	6564	0.40	ng	0.00
34) Perylene-d12	23.84	264	7334	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	414	0.29	ng	0.00
5) Phenol-d6	6.93	99	608	0.35	ng	0.00
8) Nitrobenzene-d5	8.91	82	736	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	1376	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	274	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	2367	0.44	ng	0.00
25) Fluoranthene-d10	19.20	212	25076	0.40	ng	0.00
29) Terphenyl-d14	19.80	244	5263	0.48	ng	0.00

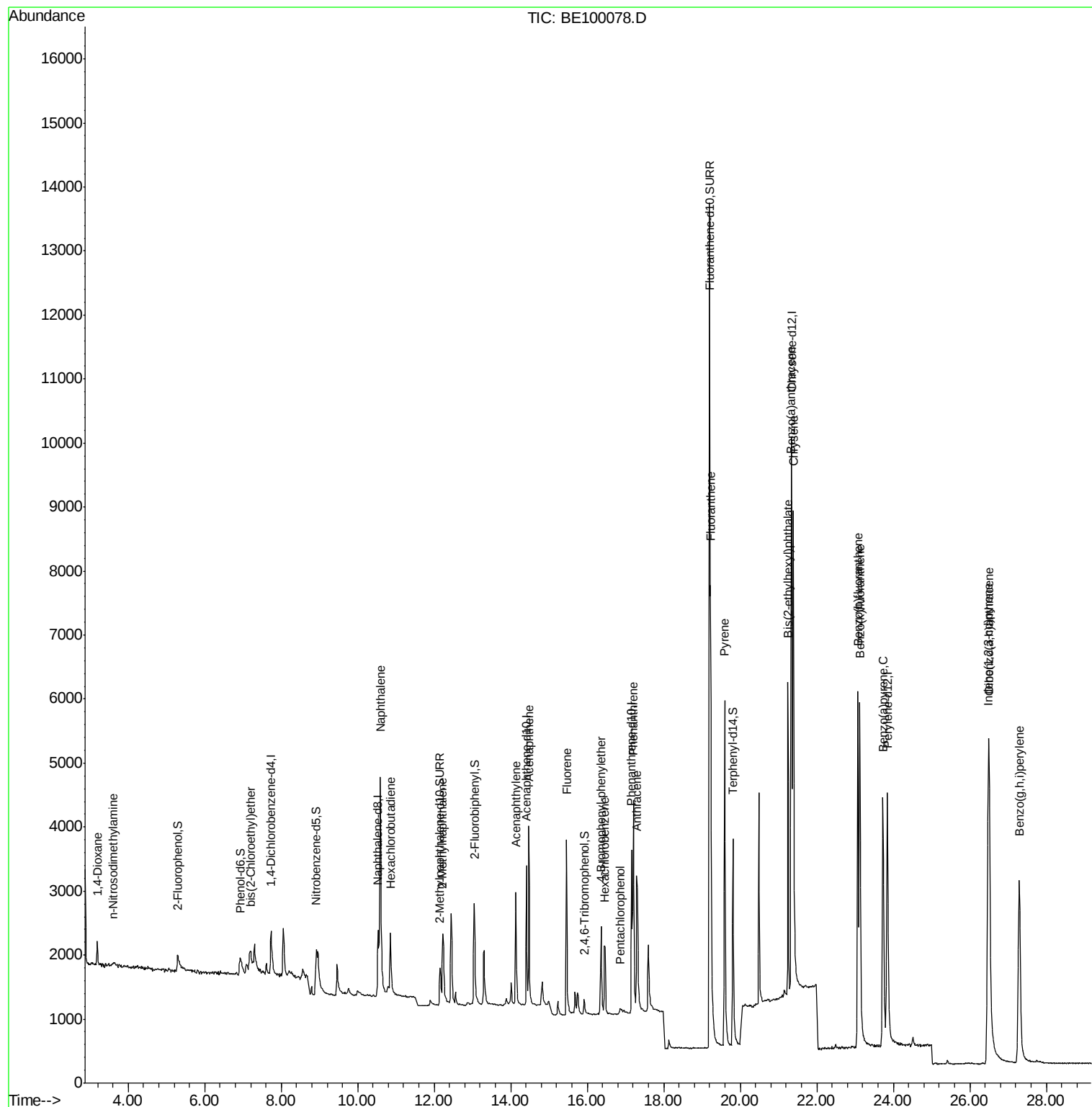
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	299	0.324	ng	100
3) n-Nitrosodimethylamine	3.60	42	37	0.097	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	528	0.326	ng	100
9) Naphthalene	10.59	128	8144	0.391	ng	100
10) Hexachlorobutadiene	10.86	225	783	0.438	ng	100
12) 2-Methylnaphthalene	12.22	142	1289	0.395	ng	100
16) Acenaphthylene	14.14	152	2669	0.383	ng	100
17) Acenaphthene	14.47	154	1510	0.400	ng	100
18) Fluorene	15.46	166	2243	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.36	248	1020	0.381	ng	100
21) Hexachlorobenzene	16.47	284	1160	0.423	ng	100
22) Pentachlorophenol	16.87	266	171	0.199	ng	100
23) Phenanthrene	17.20	178	4201	0.388	ng	100
24) Anthracene	17.30	178	3337	0.350	ng	100
26) Fluoranthene	19.23	202	6760	0.379	ng	100
28) Pyrene	19.59	202	6678	0.409	ng	100
30) Benzo(a)anthracene	21.33	228	7170	0.379	ng	100
31) Chrysene	21.39	228	9356	0.439	ng	100
32) Bis(2-ethylhexyl)phthalate	21.25	149	6373	0.242	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	10609	0.421	ng	100
35) Benzo(b)fluoranthene	23.07	252	8530	0.404	ng	100
36) Benzo(k)fluoranthene	23.12	252	9468	0.413	ng	100
37) Benzo(a)pyrene	23.73	252	8299	0.396	ng	100
38) Dibenzo(a,h)anthracene	26.50	278	8252	0.403	ng	100
39) Benzo(g,h,i)perylene	27.29	276	8767	0.405	ng	100

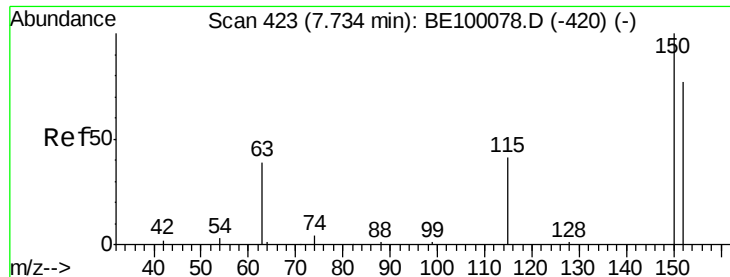
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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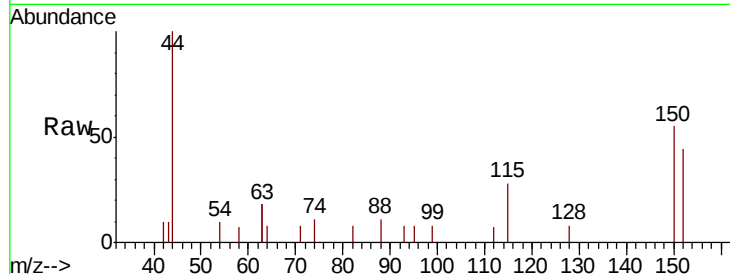


#1

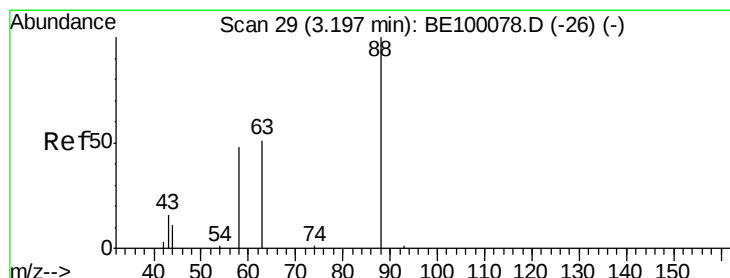
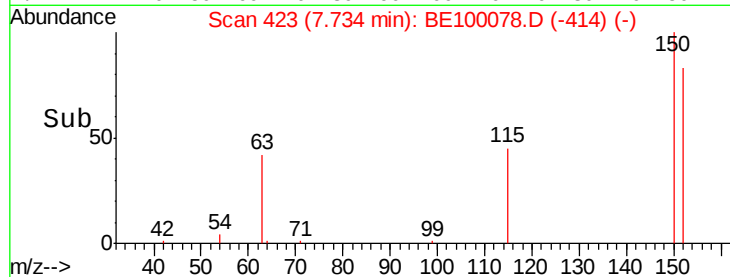
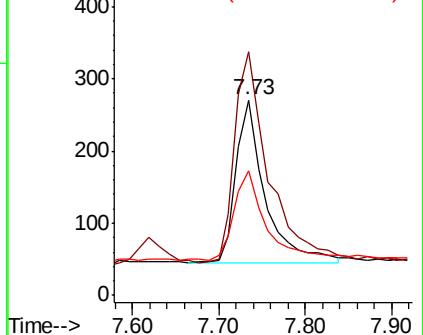
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 529
Ion Ratio Lower Upper
152 100
150 124.8 99.8 149.8
115 64.1 51.3 76.9



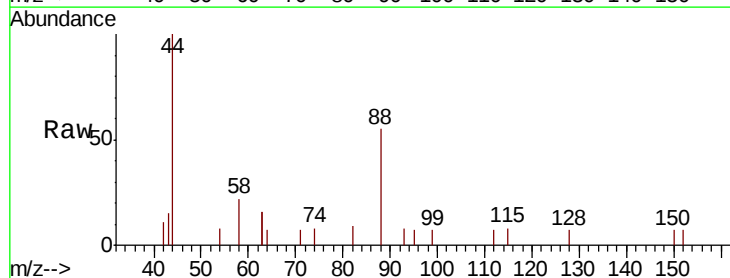
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



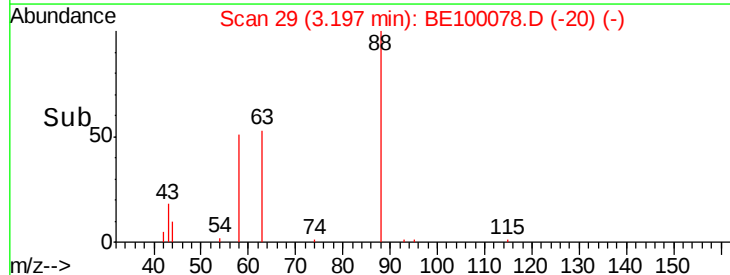
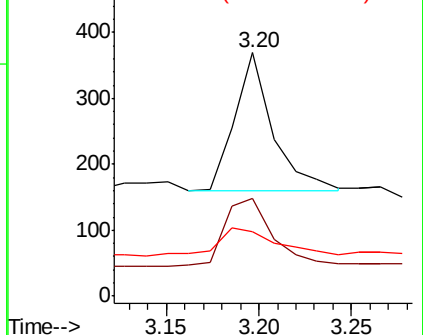
#2

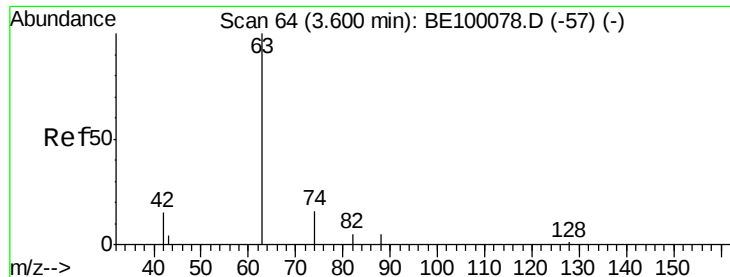
1,4-Dioxane
Concen: 0.324 ng
RT: 3.20 min Scan# 29
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion: 88 Resp: 299
Ion Ratio Lower Upper
88 100
58 63.9 51.1 76.7
43 27.1 21.7 32.5



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: 0.097 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

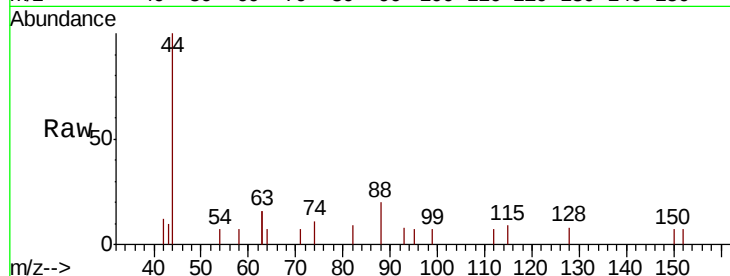
Tot Ion: 42 Resp: 37

Ion Ratio Lower Upper

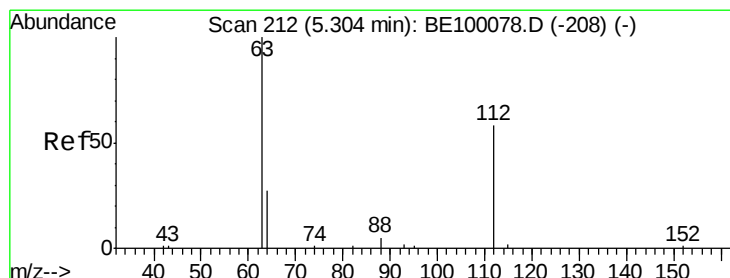
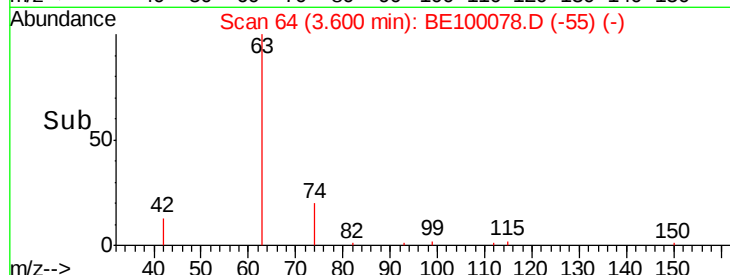
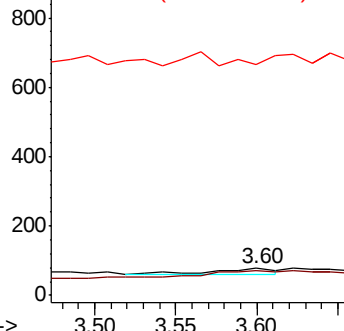
42 100

74 256.8 205.4 308.2

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: 0.289 ng

RT: 5.30 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

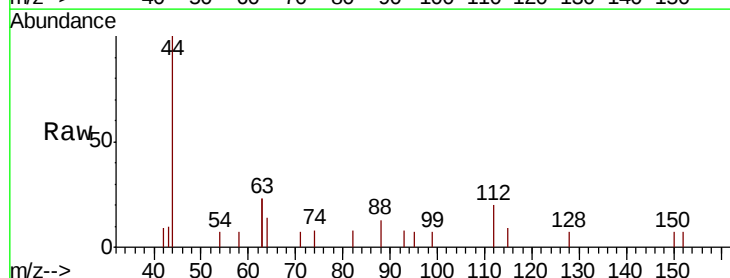
Tgt Ion: 112 Resp: 414

Ion Ratio Lower Upper

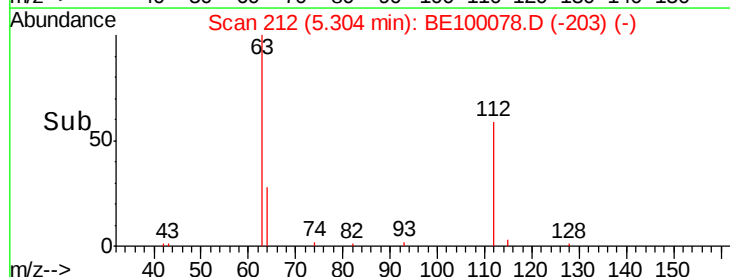
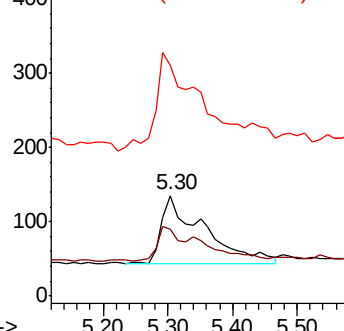
112 100

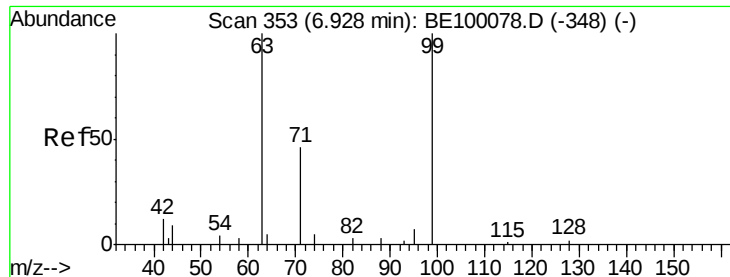
64 27.5 22.0 33.0

63 152.2 121.8 182.6



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: 0.352 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

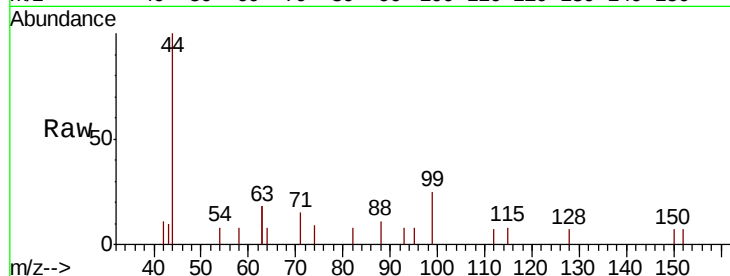
Tot Ion: 99 Resp: 608

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

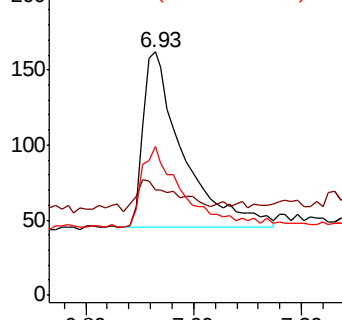
71 47.0 37.6 56.4



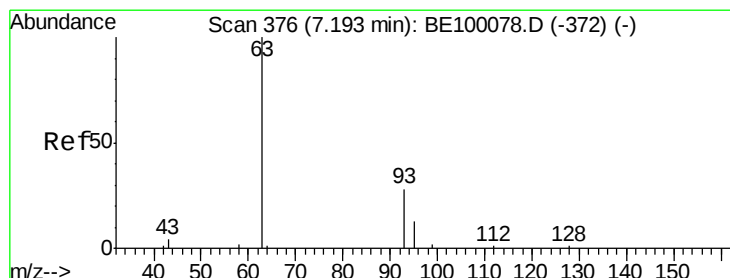
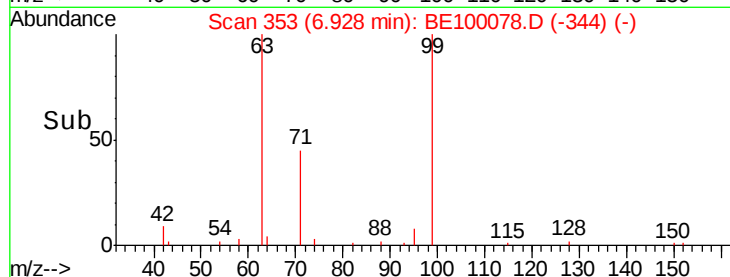
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.326 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

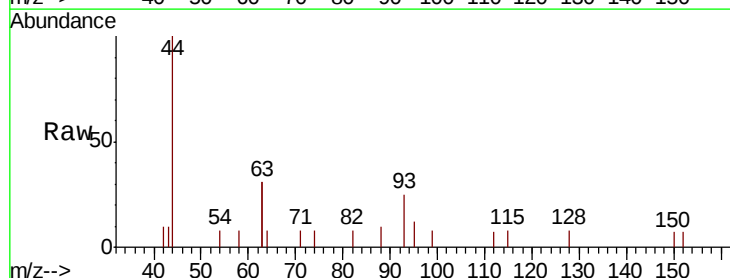
Tgt Ion: 93 Resp: 528

Ion Ratio Lower Upper

93 100

63 181.1 144.9 217.3

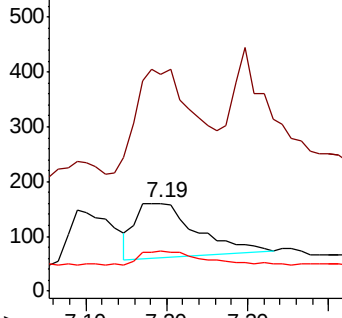
95 24.4 19.5 29.3



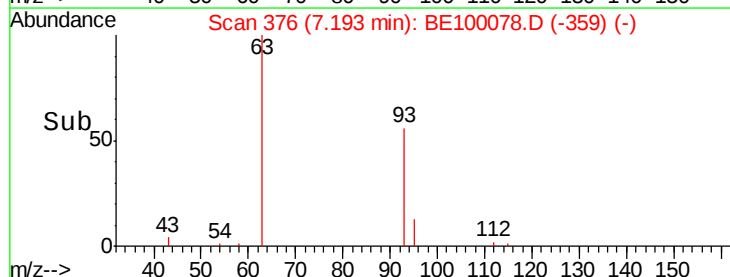
Abundance Ion 93.00 (92.70 to 93.70): BE1

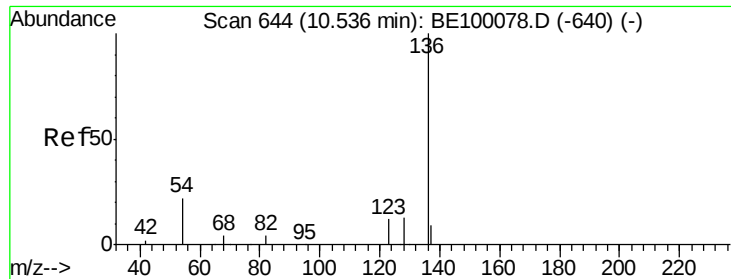
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 1882

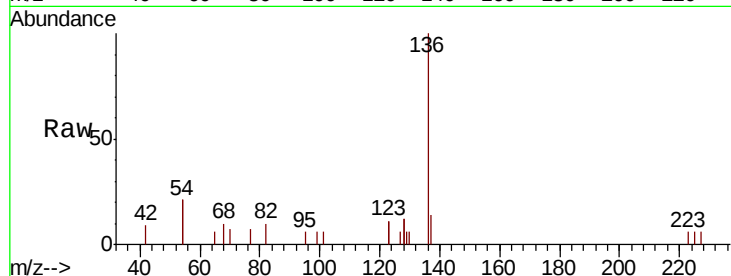
Ion Ratio Lower Upper

136 100

137 14.5 11.6 17.4

54 42.4 33.9 50.9

68 9.8 7.8 11.8

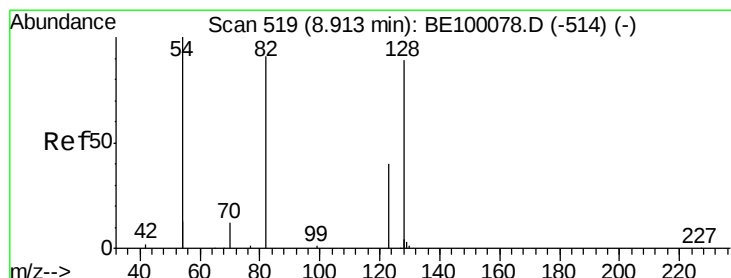
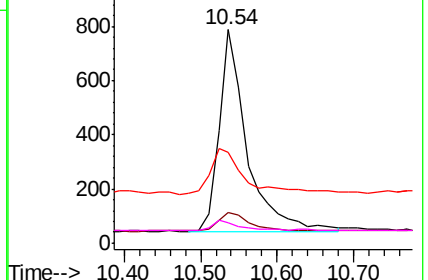
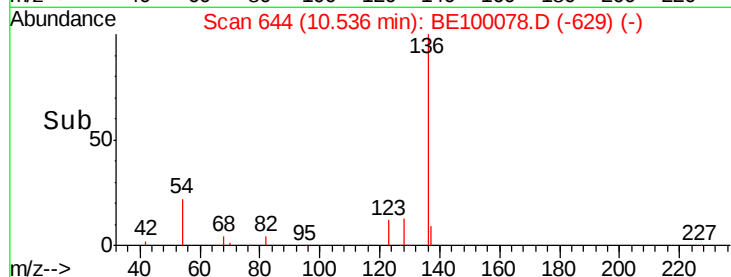


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

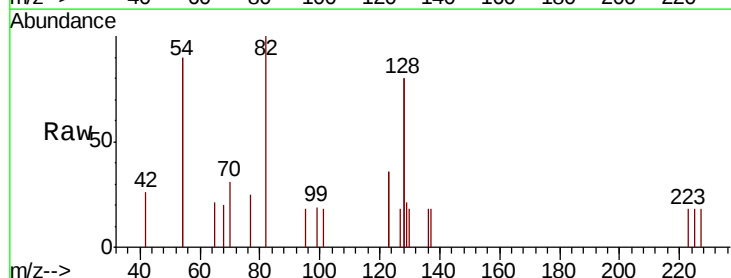
Tgt Ion: 82 Resp: 736

Ion Ratio Lower Upper

82 100

128 160.0 128.0 192.0

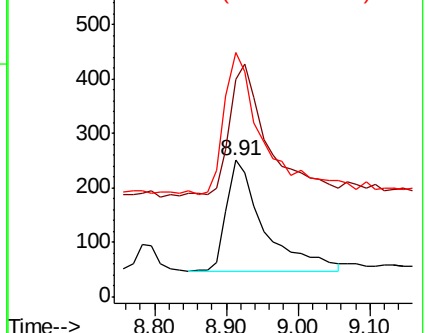
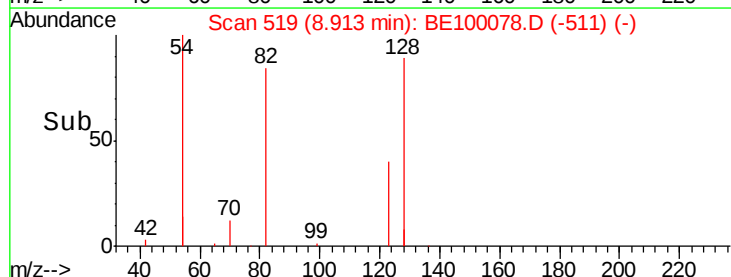
54 179.2 143.4 215.0

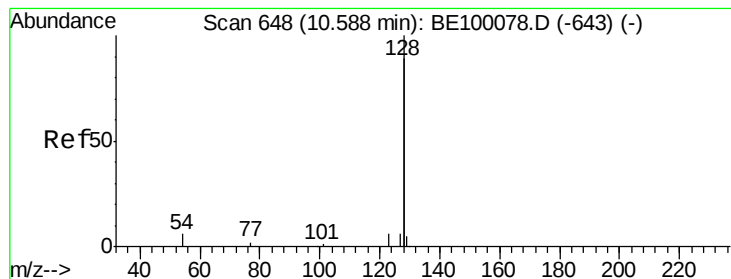


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.391 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

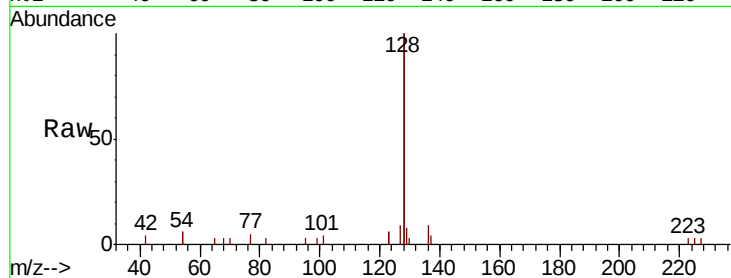
Tot Ion:128 Resp: 8144

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

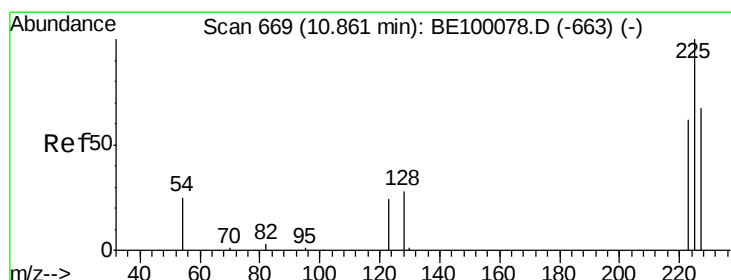
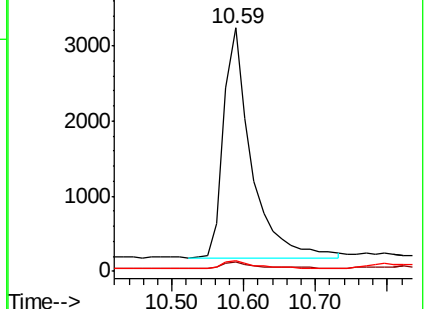
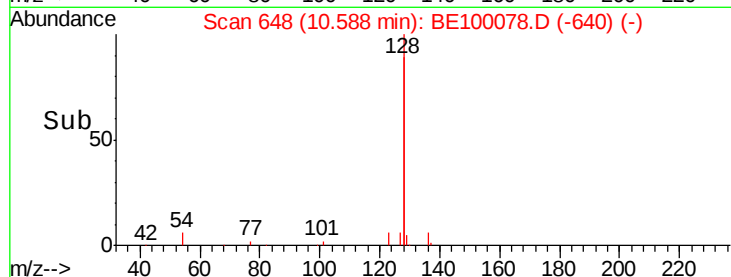
127 4.3 3.4 5.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.438 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

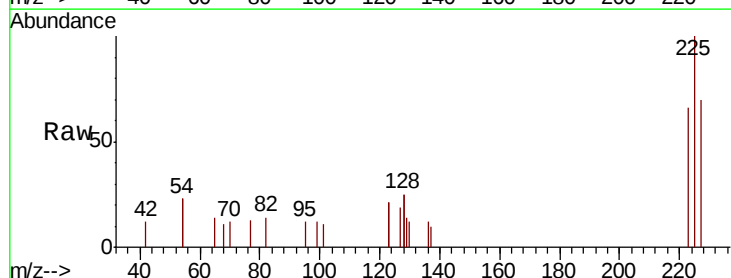
Tgt Ion:225 Resp: 783

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

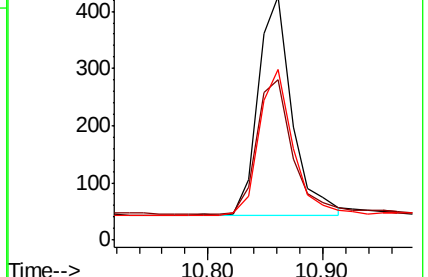
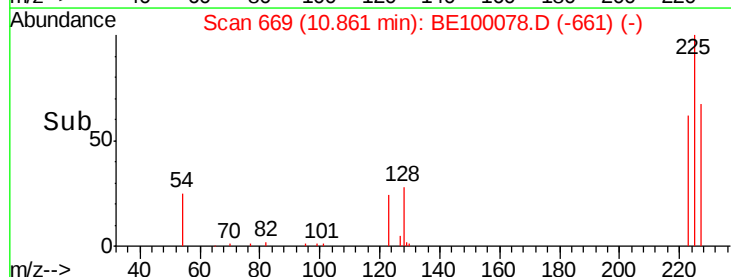
227 66.3 53.0 79.6

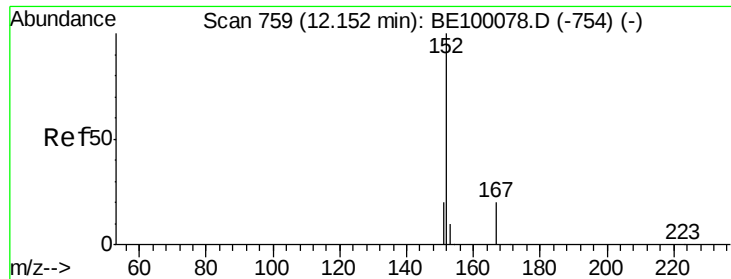


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

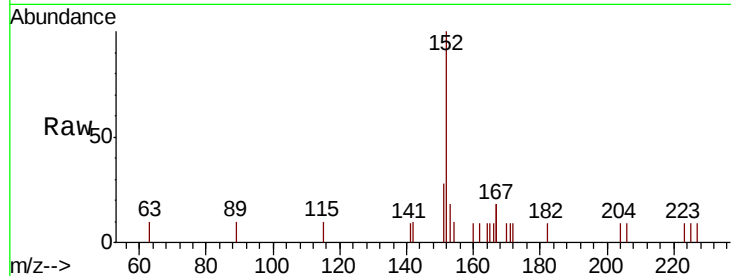




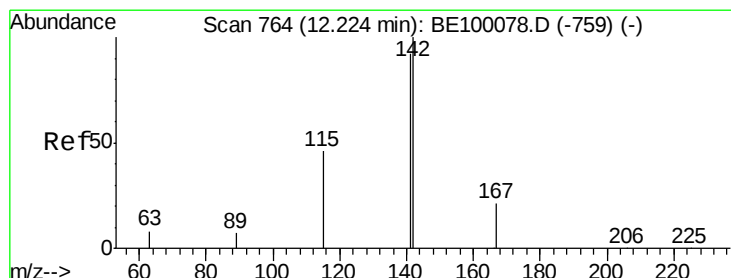
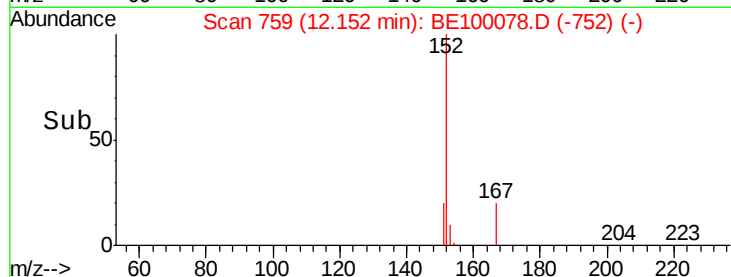
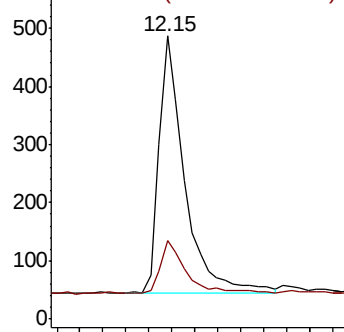
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1376
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

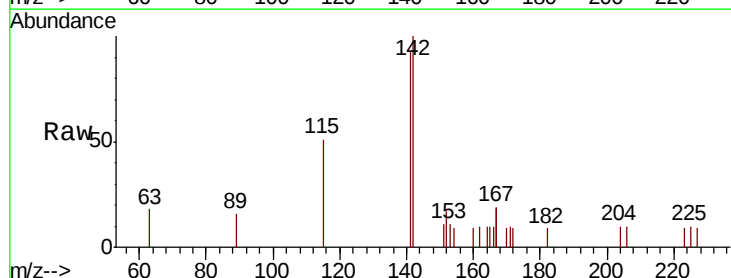


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

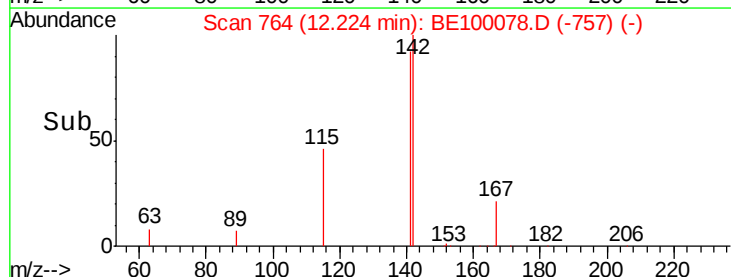
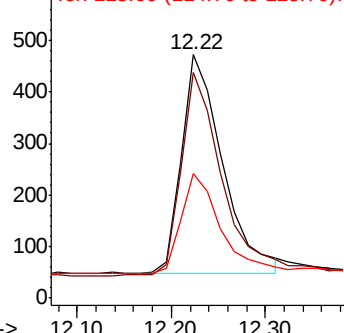


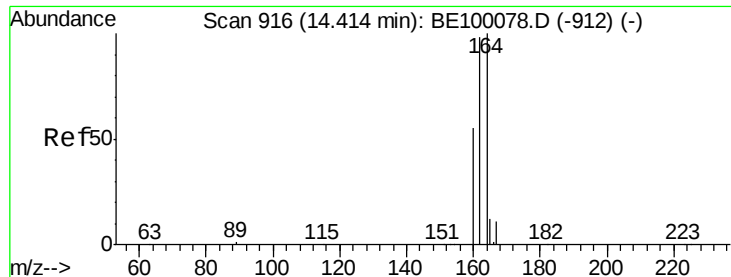
#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion:142 Resp: 1289
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1
115 51.1 40.9 61.3



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

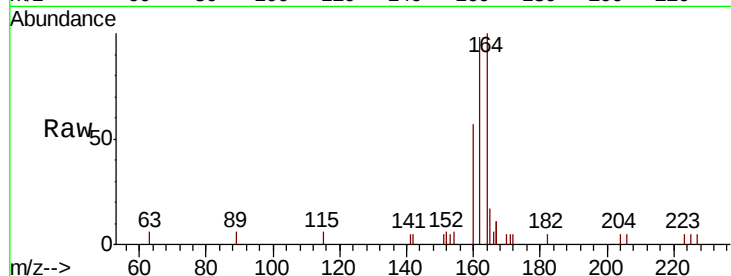




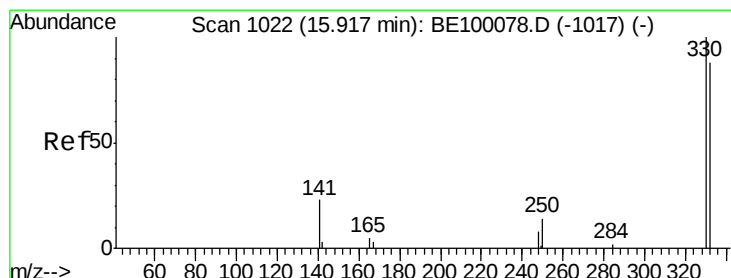
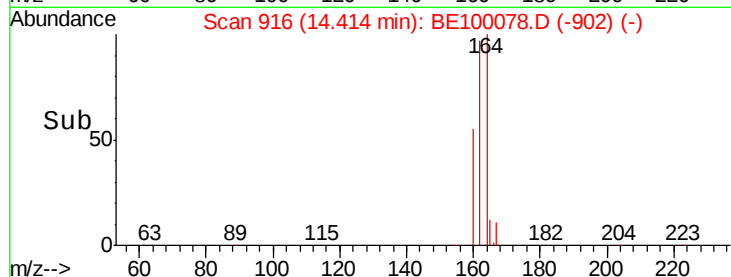
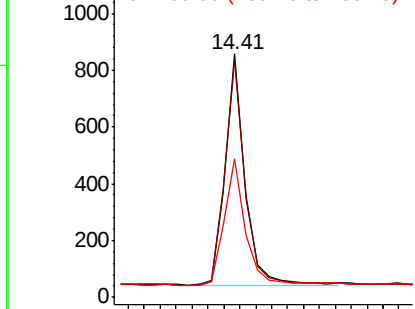
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 1392
Ion Ratio Lower Upper
164 100
162 97.7 78.2 117.2
160 57.0 45.6 68.4

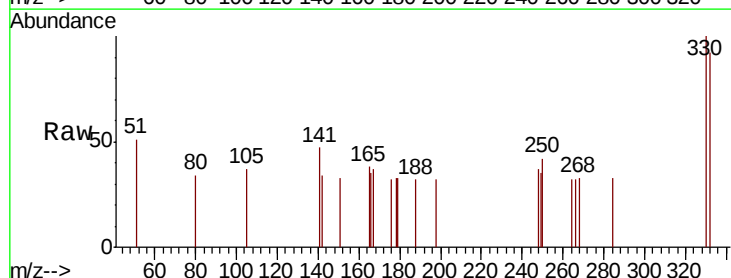


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

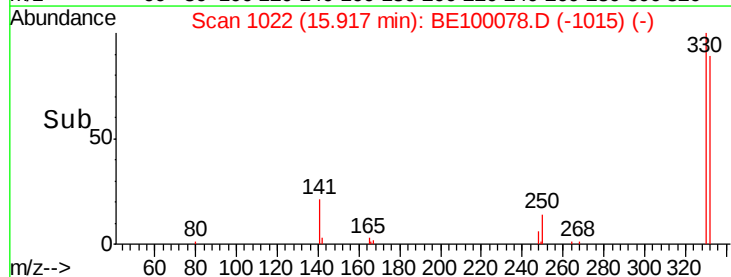
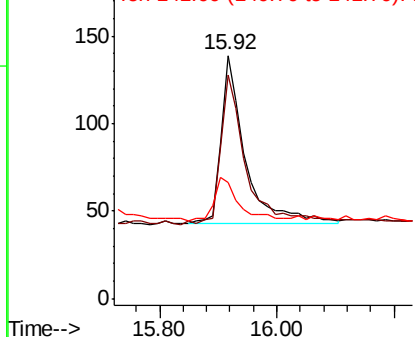


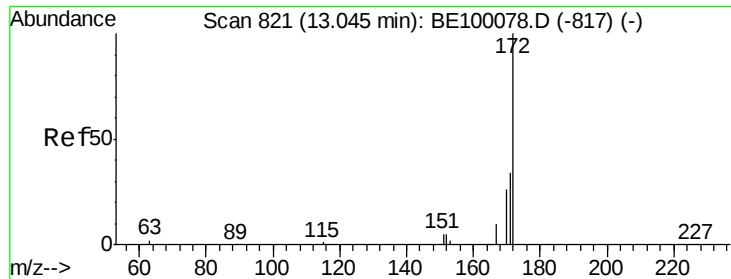
#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.92 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion:330 Resp: 274
Ion Ratio Lower Upper
330 100
332 91.6 73.3 109.9
141 27.7 22.2 33.2



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

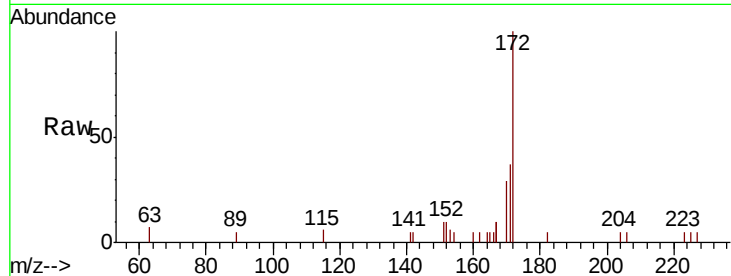




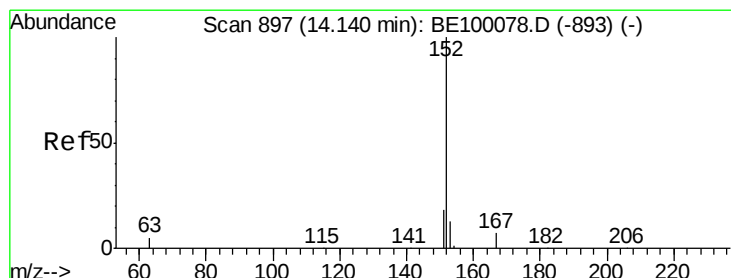
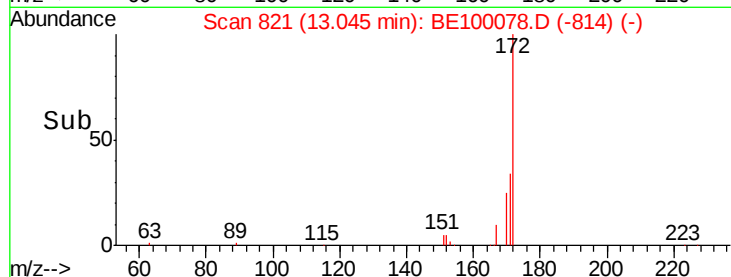
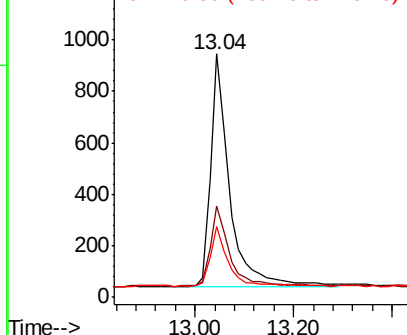
#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.04 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 2367
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 29.0 23.2 34.8

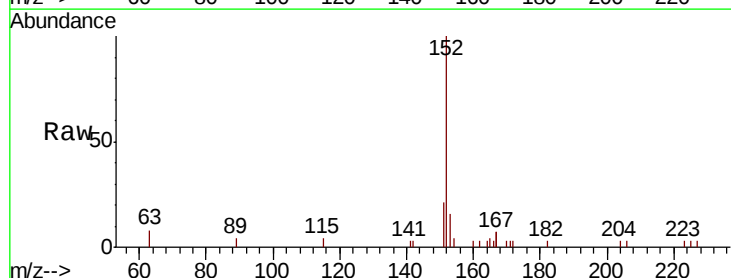


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

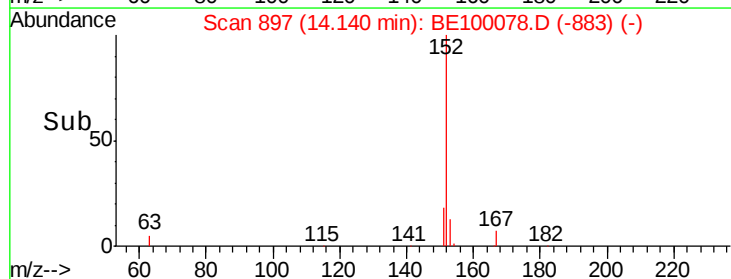
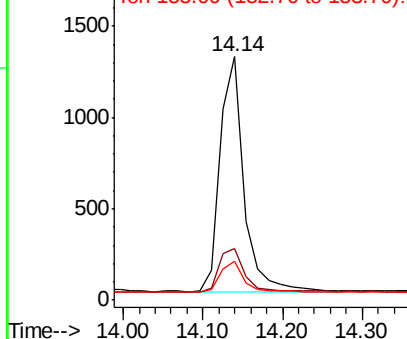


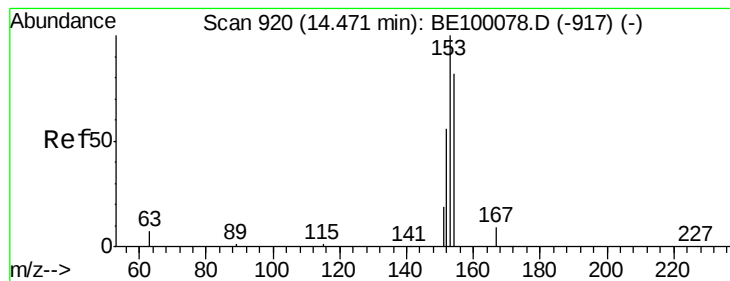
#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.14 min Scan# 897
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion:152 Resp: 2669
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.6 10.1 15.1



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: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

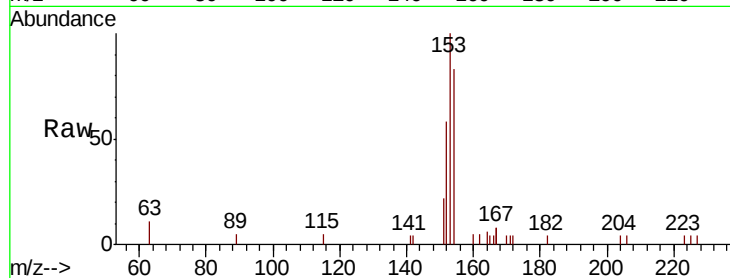
Tot Ion:154 Resp: 1510

Ion Ratio Lower Upper

154 100

153 119.4 95.5 143.3

152 68.6 54.9 82.3

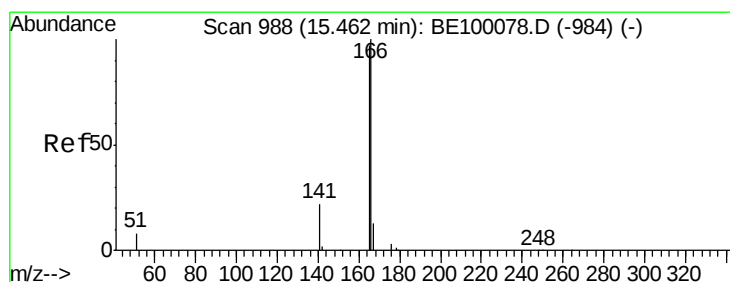
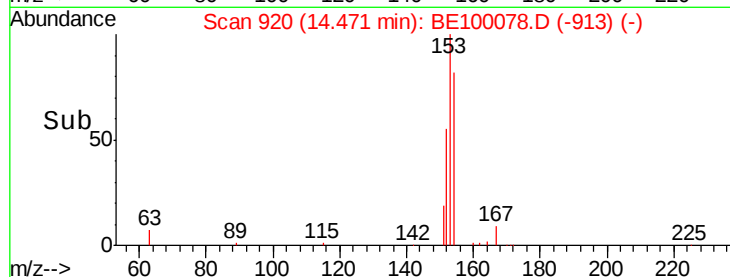
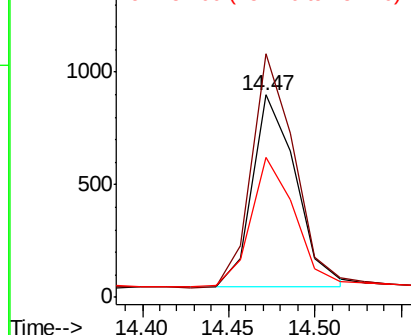


Abundance

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: 0.399 ng

RT: 15.46 min Scan# 988

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

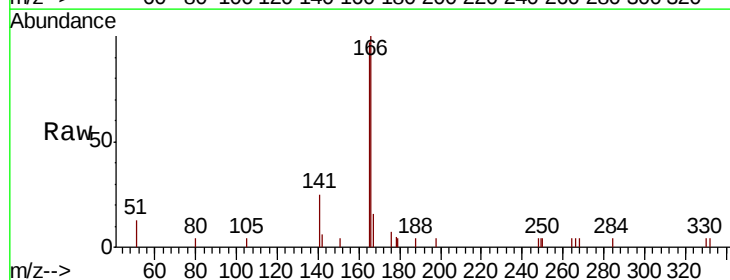
Tgt Ion:166 Resp: 2243

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

167 12.8 10.2 15.4

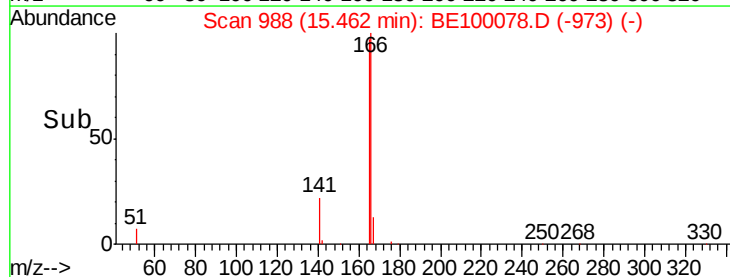
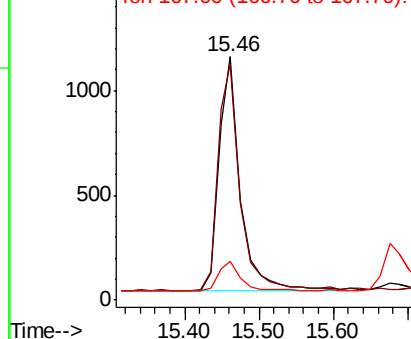


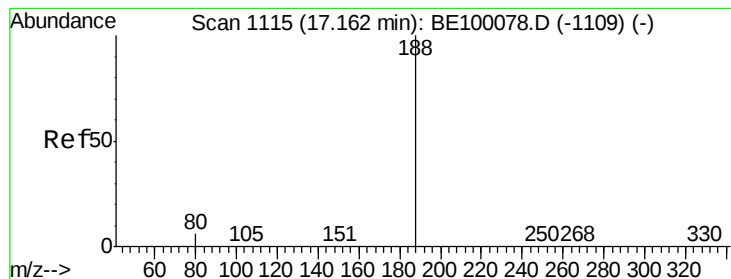
Abundance

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: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

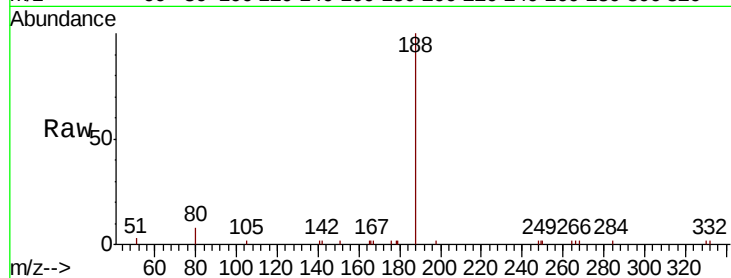
Tot Ion:188 Resp: 4447

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.3 9.5

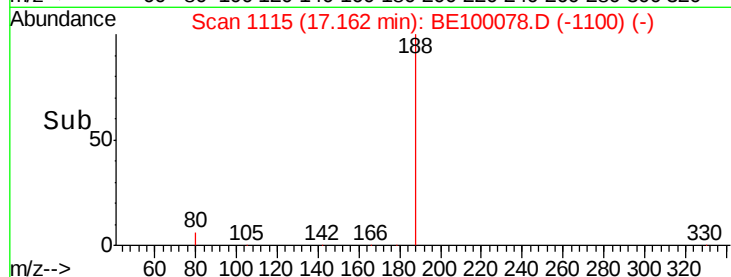


Abundance Ion 188.00 (187.70 to 188.70): E

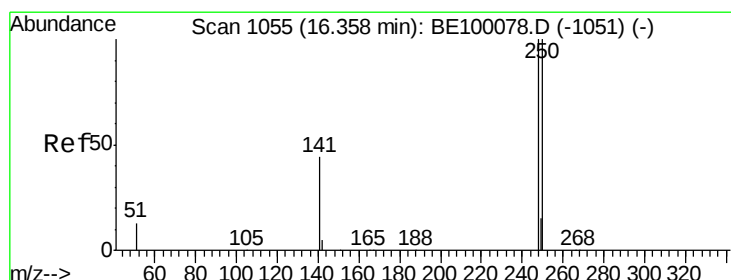
Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

Time-->



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.381 ng

RT: 16.36 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

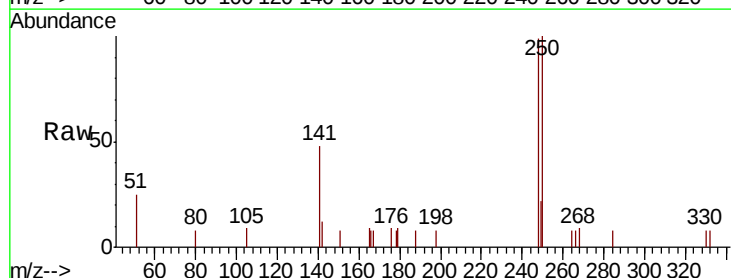
Tgt Ion:248 Resp: 1020

Ion Ratio Lower Upper

248 100

250 100.7 80.6 120.8

141 48.5 38.8 58.2

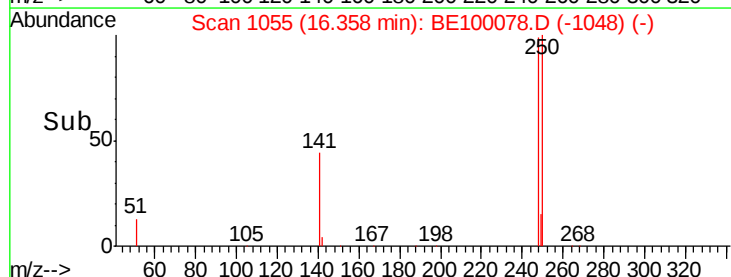


Abundance Ion 248.00 (247.70 to 248.70): E

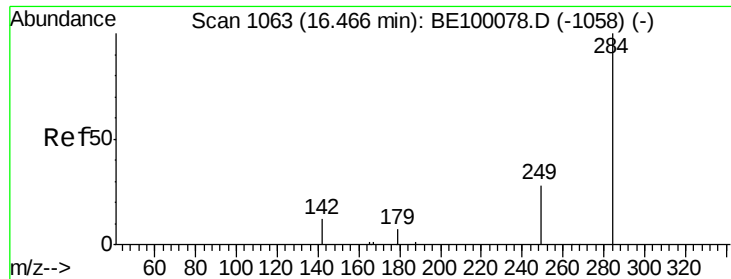
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



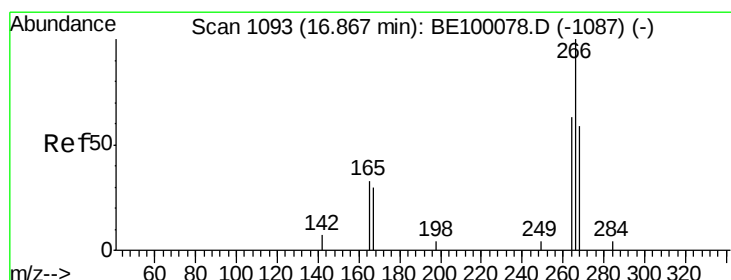
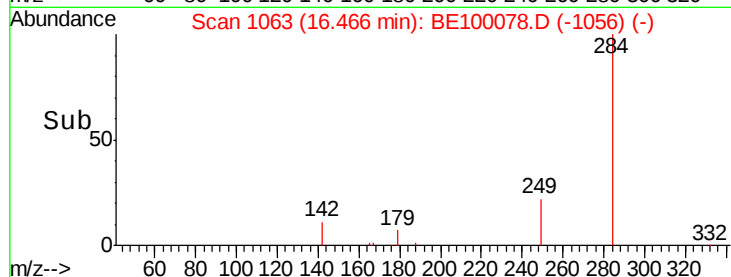
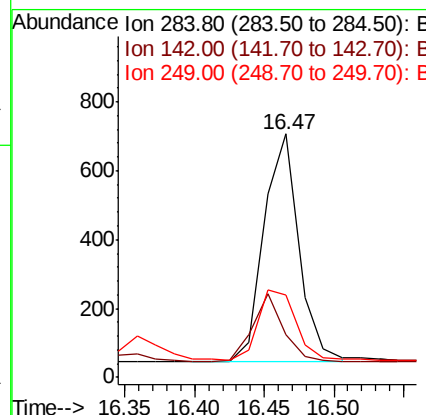
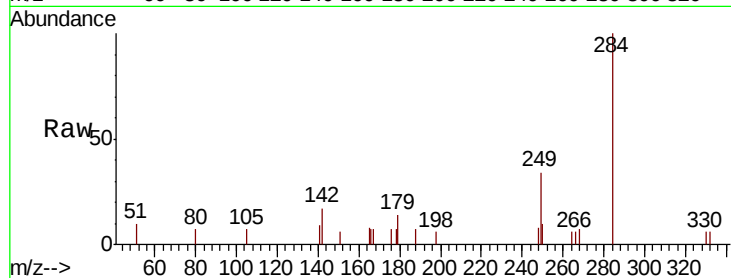
Time-->



#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.47 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

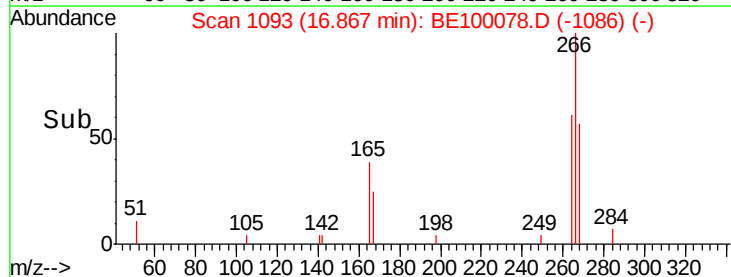
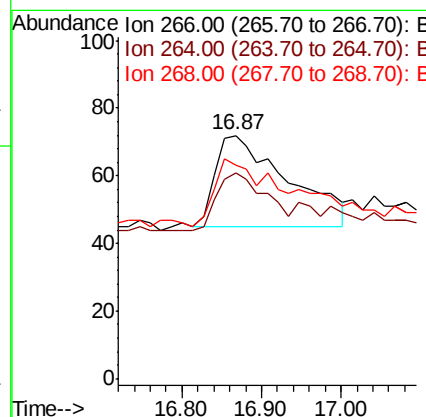
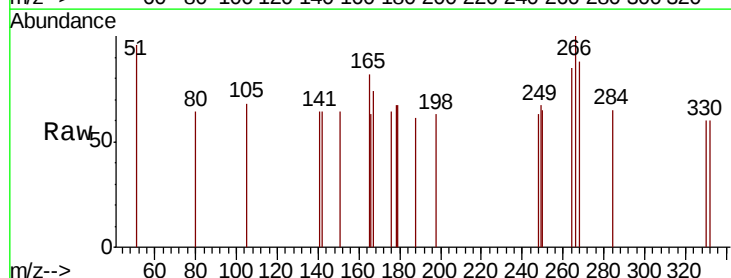
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

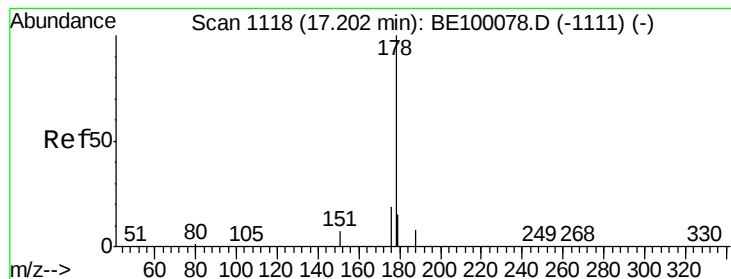
Tot Ion:284 Resp: 1160
Ion Ratio Lower Upper
284 100
142 25.9 20.7 31.1
249 33.2 26.6 39.8



#22
Pentachlorophenol
Concen: 0.199 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion:266 Resp: 171
Ion Ratio Lower Upper
266 100
264 84.7 67.8 101.6
268 87.5 70.0 105.0





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

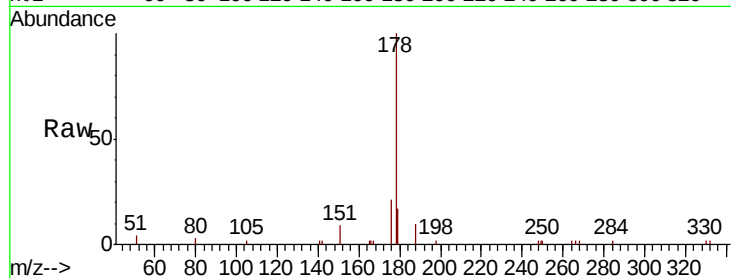
Tot Ion:178 Resp: 4201

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

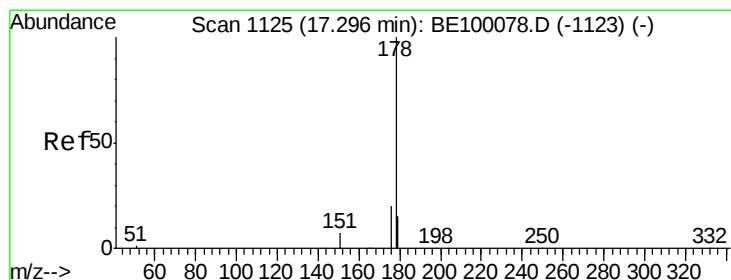
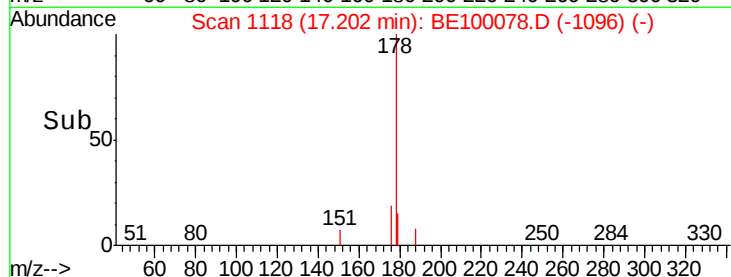
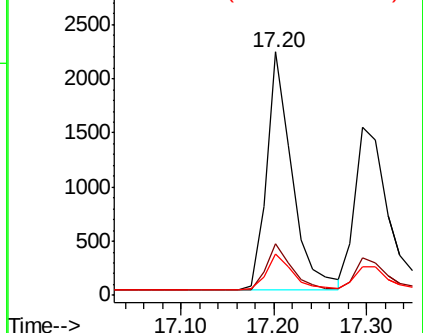
179 16.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.350 ng

RT: 17.30 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

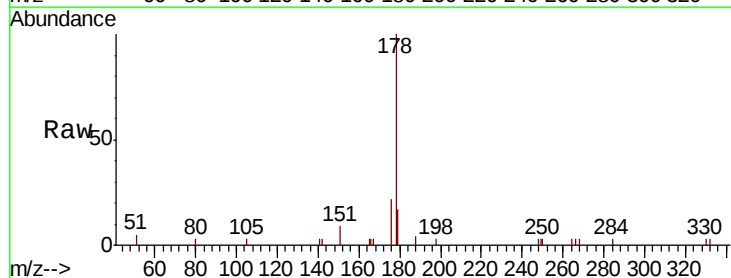
Tgt Ion:178 Resp: 3337

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

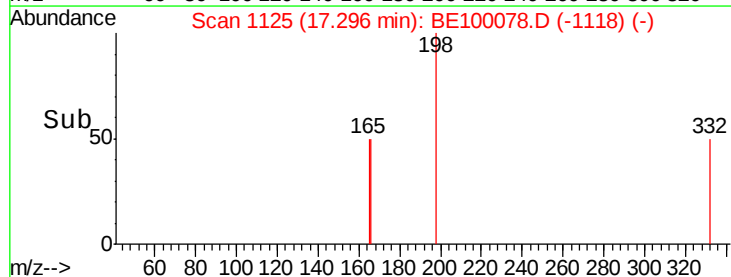
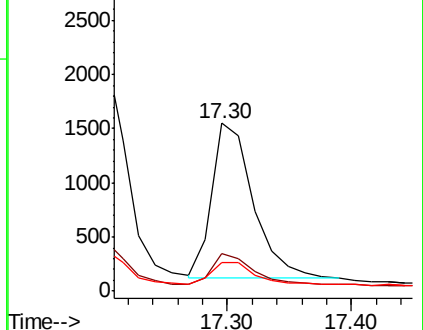
179 15.0 12.0 18.0

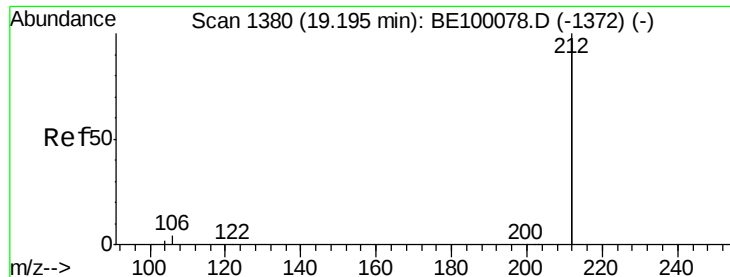


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

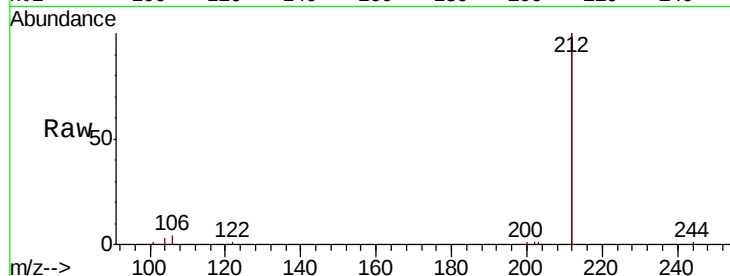
Tot Ion:212 Resp: 25076

Ion Ratio Lower Upper

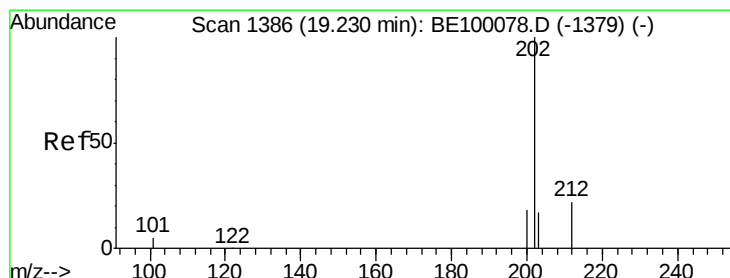
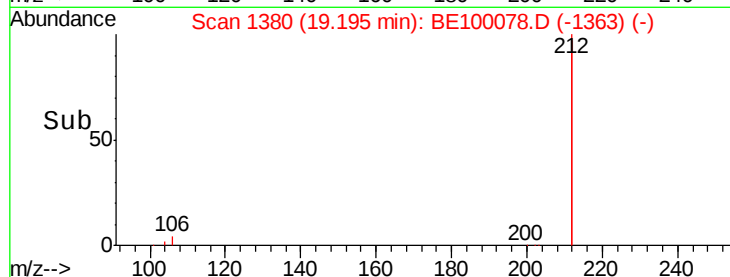
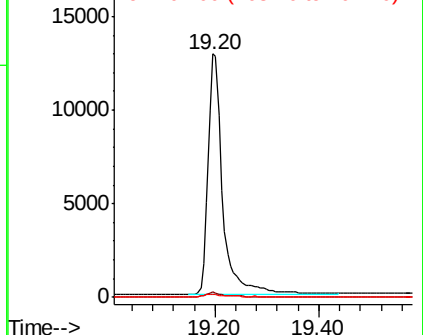
212 100

106 1.7 1.4 2.0

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: 0.379 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

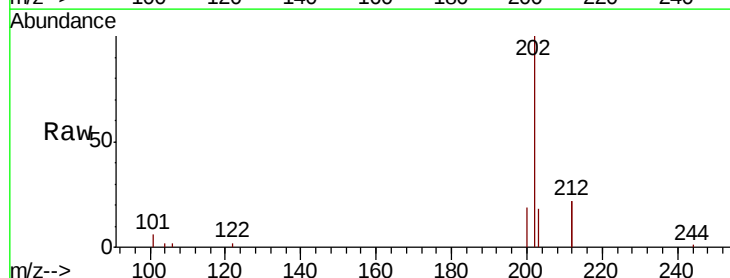
Tgt Ion:202 Resp: 6760

Ion Ratio Lower Upper

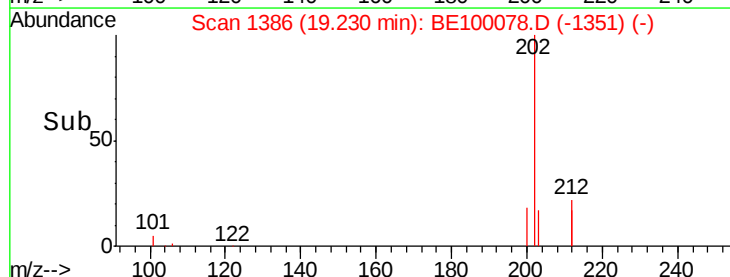
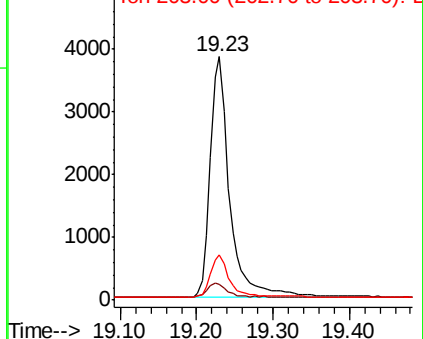
202 100

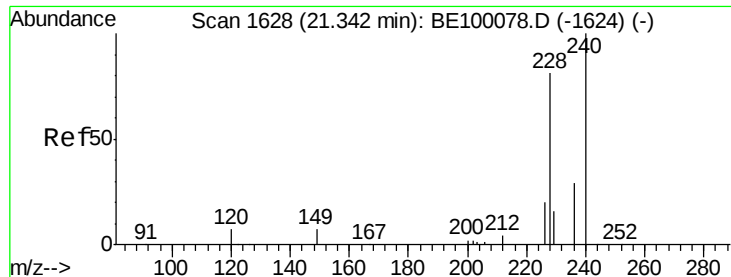
101 6.2 5.0 7.4

203 17.1 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: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

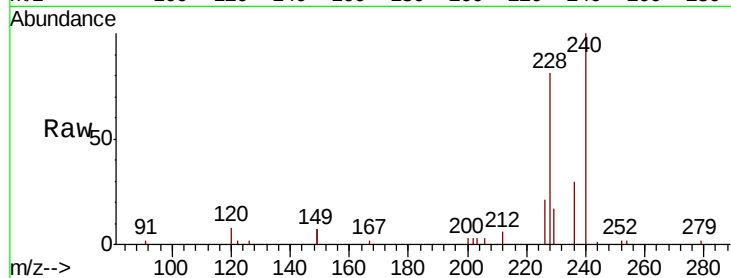
Tot Ion:240 Resp: 6564

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

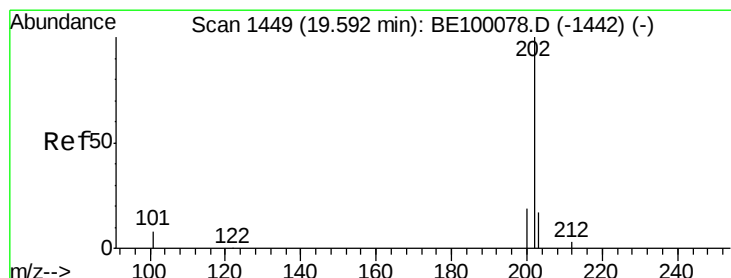
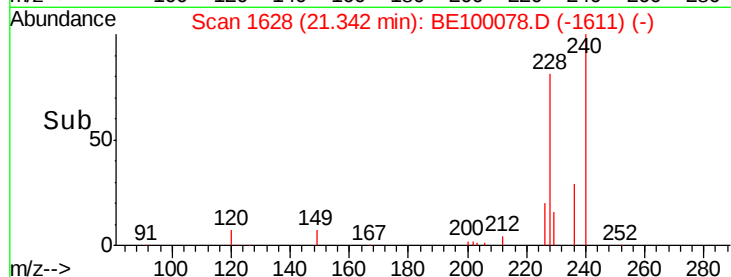
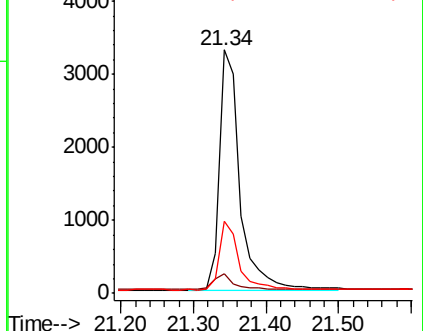
236 29.7 23.8 35.6



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: 0.409 ng

RT: 19.59 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

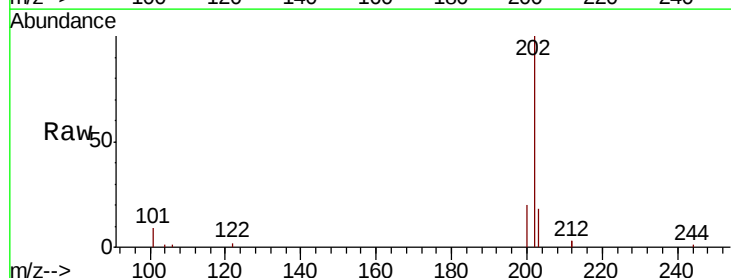
Tgt Ion:202 Resp: 6678

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

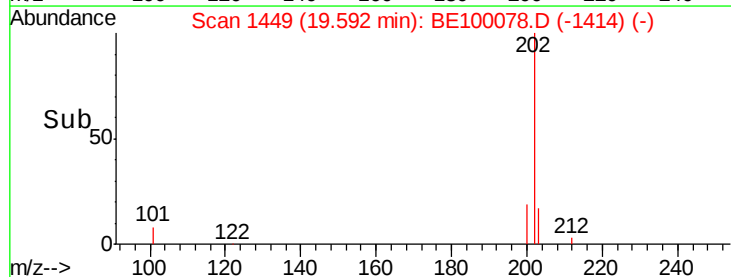
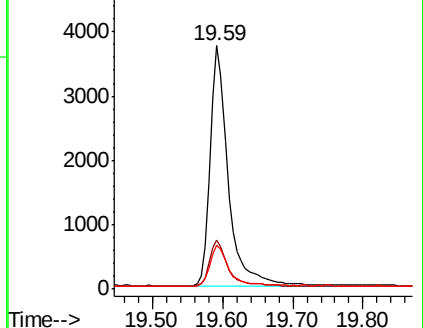
203 17.4 13.9 20.9

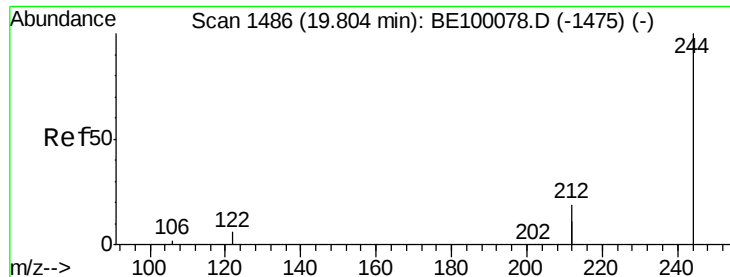


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

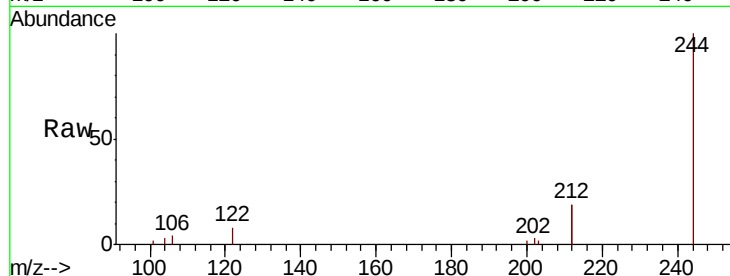
Tot Ion:244 Resp: 5263

Ion Ratio Lower Upper

244 100

212 37.3 29.8 44.8

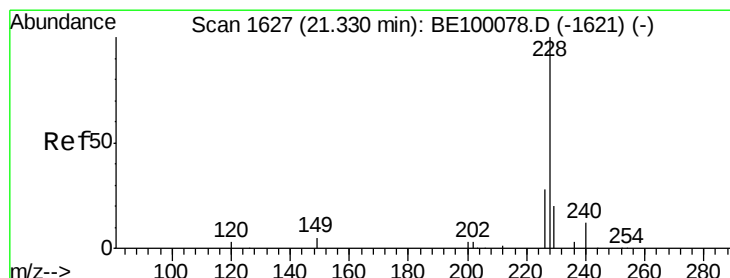
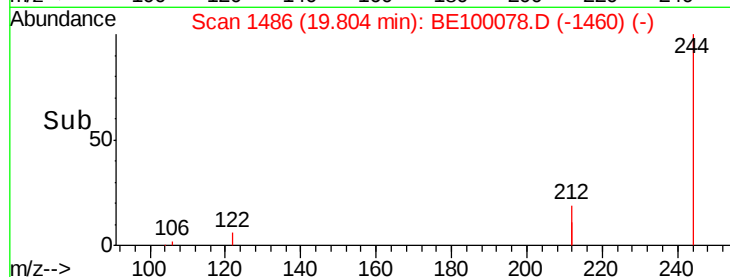
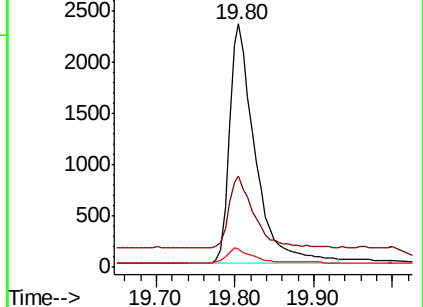
122 7.6 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.379 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

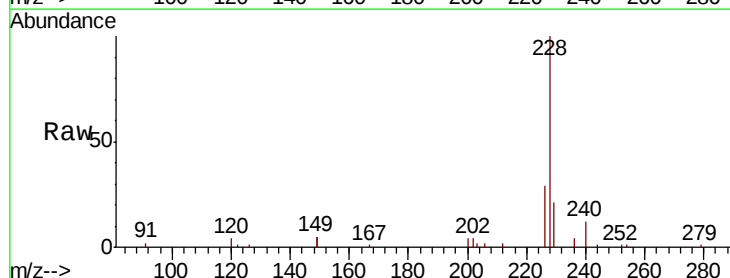
Tgt Ion:228 Resp: 7170

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

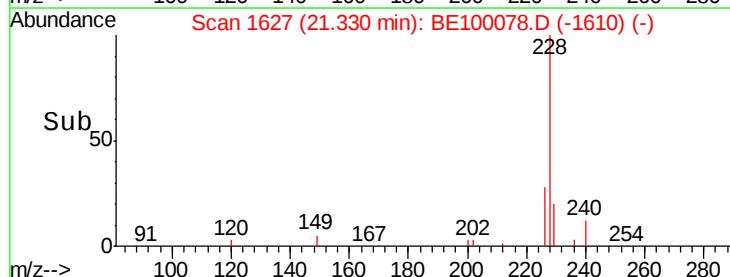
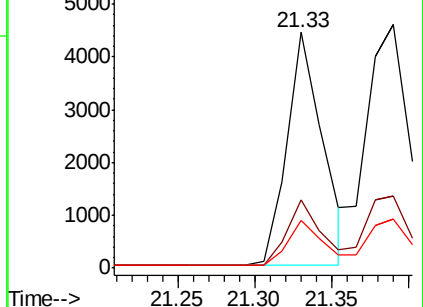
229 20.5 16.4 24.6

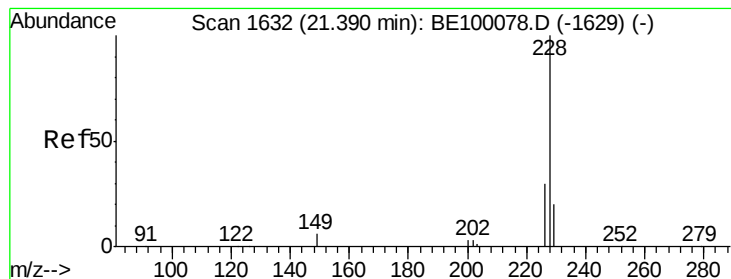


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.439 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

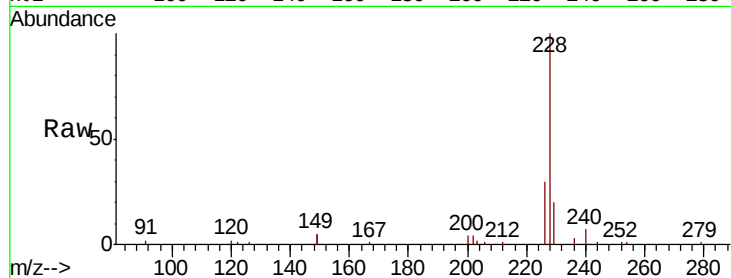
Tot Ion:228 Resp: 9356

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 20.4 16.3 24.5

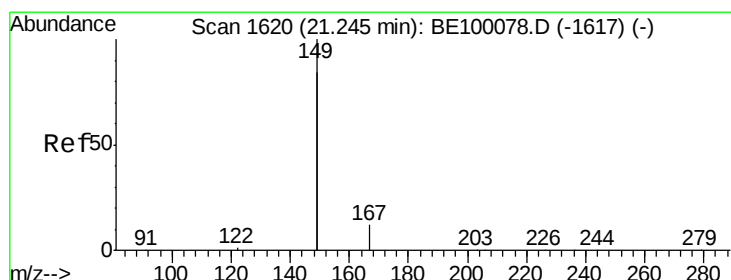
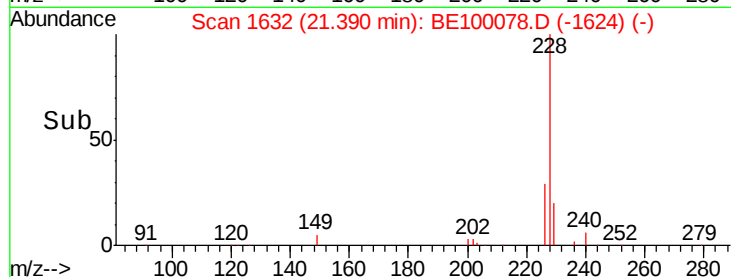
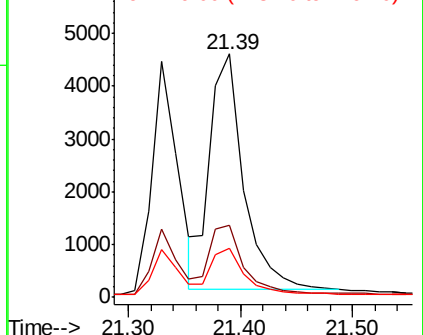


Abundance

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: 0.242 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

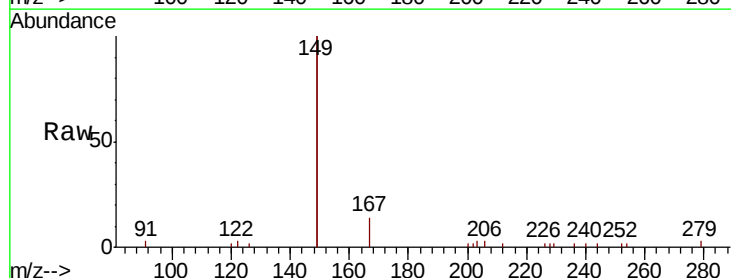
Tgt Ion:149 Resp: 6373

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

279 1.4 1.1 1.7

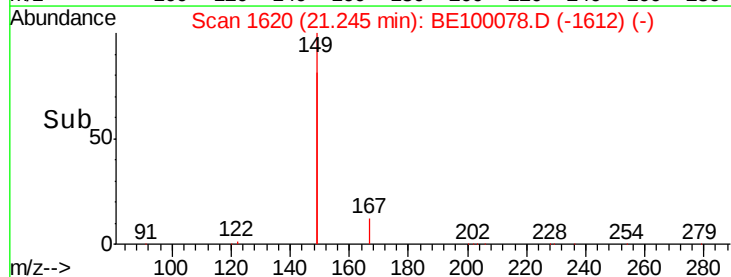
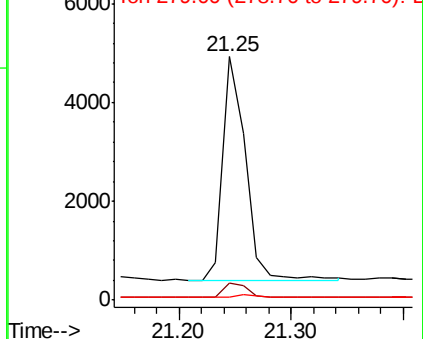


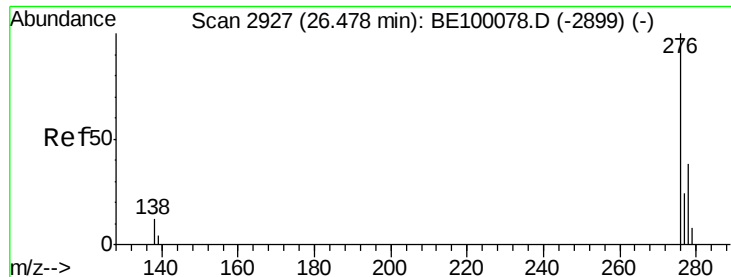
Abundance

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: 0.421 ng

RT: 26.48 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

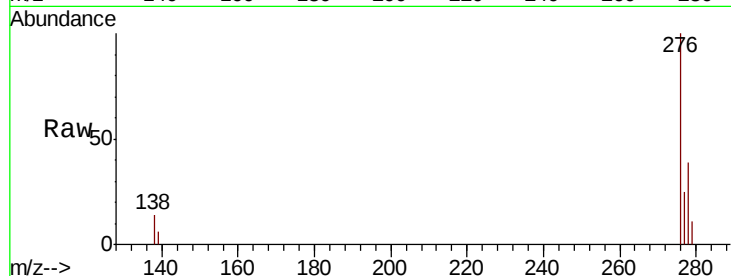
Tot Ion:276 Resp: 10609

Ion Ratio Lower Upper

276 100

138 5.4 4.3 6.5

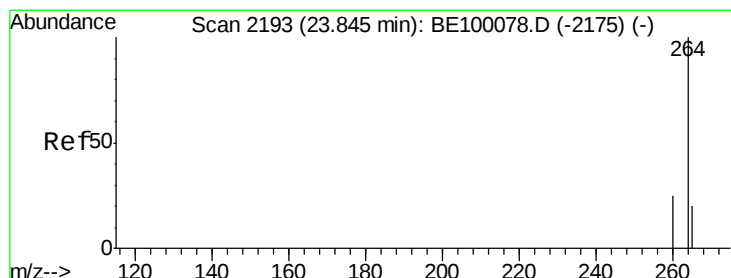
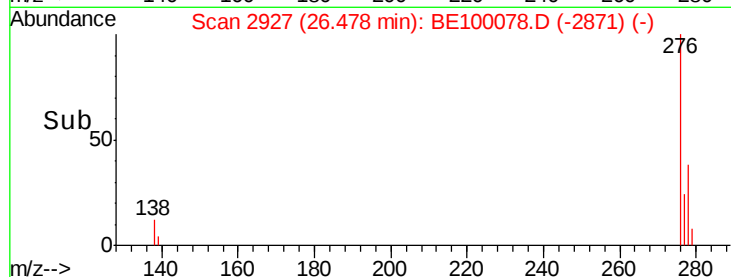
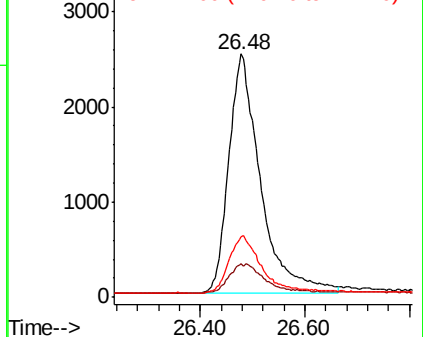
277 24.2 19.4 29.0



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: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

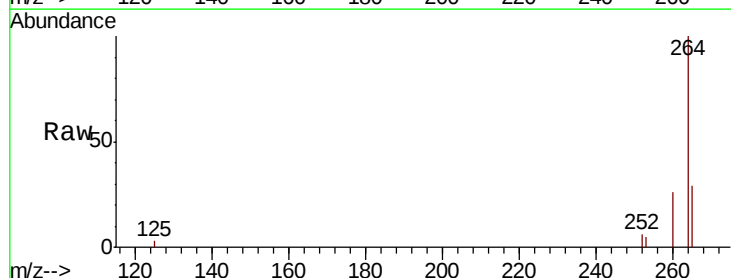
Tgt Ion:264 Resp: 7334

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

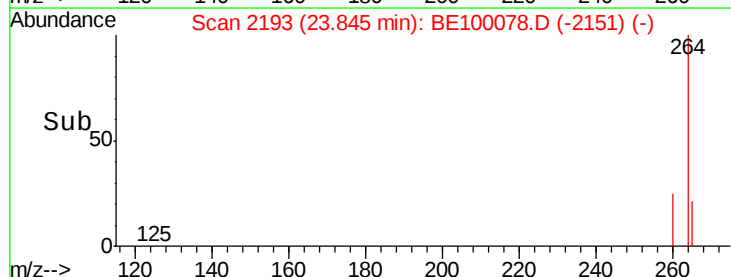
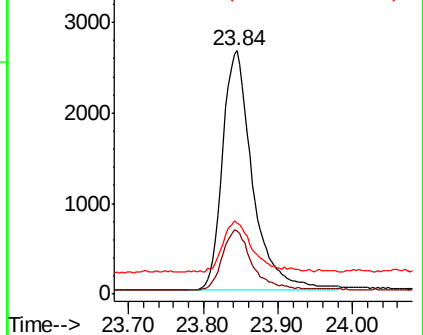
265 29.0 23.2 34.8

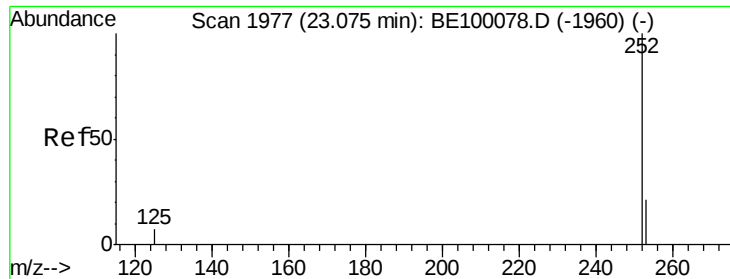


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.07 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

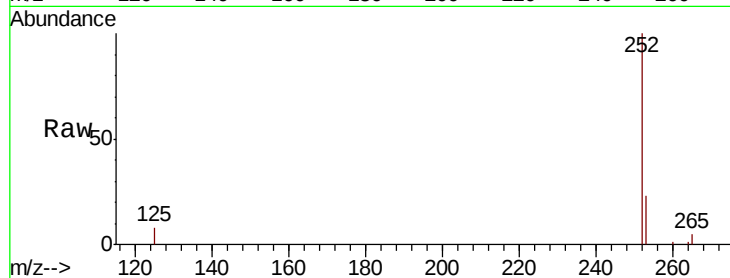
Tot Ion:252 Resp: 8530

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

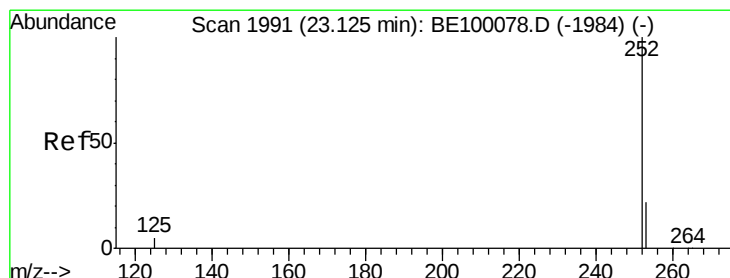
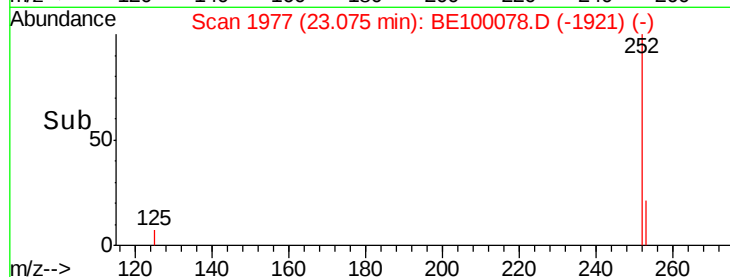
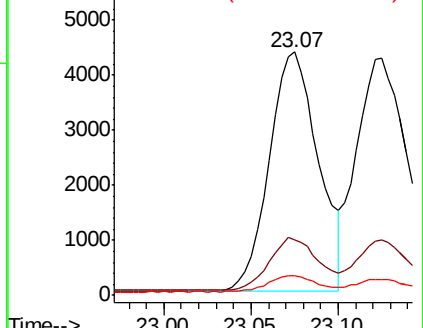
125 8.0 6.4 9.6



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



#36

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.12 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

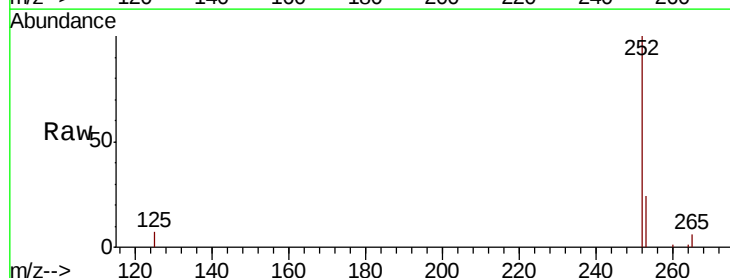
Tgt Ion:252 Resp: 9468

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

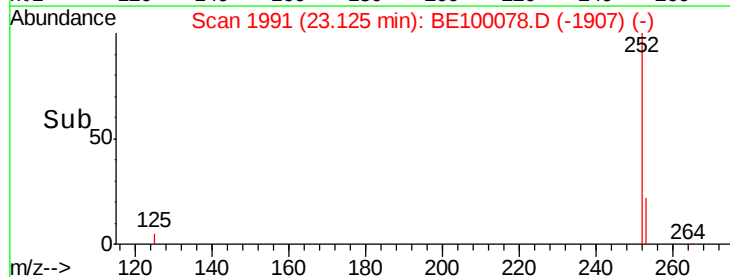
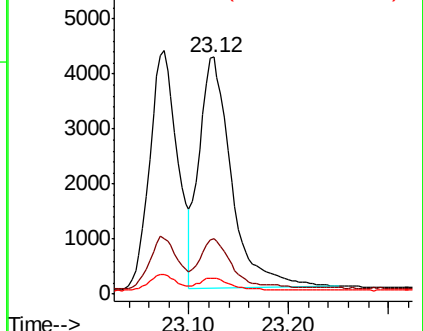
125 6.6 5.3 7.9

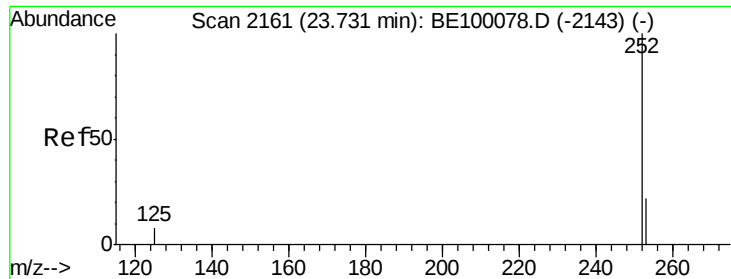


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

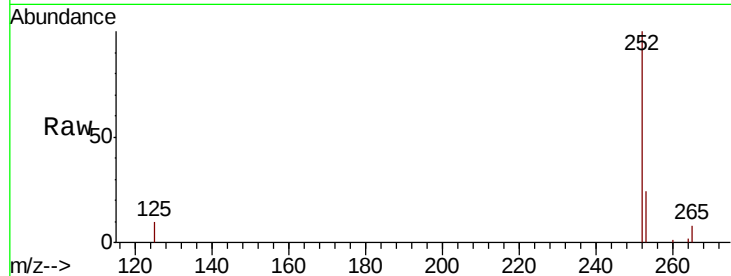




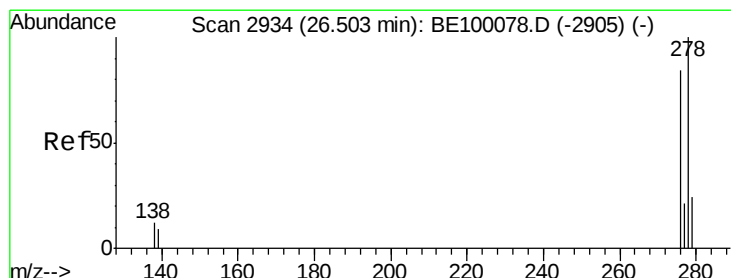
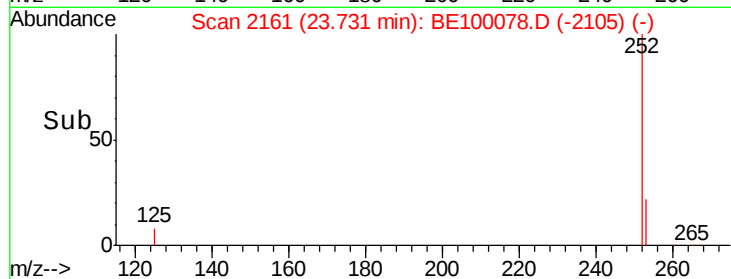
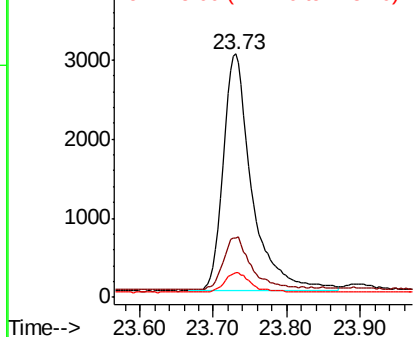
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 8299
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.2
125 10.0 8.0 12.0

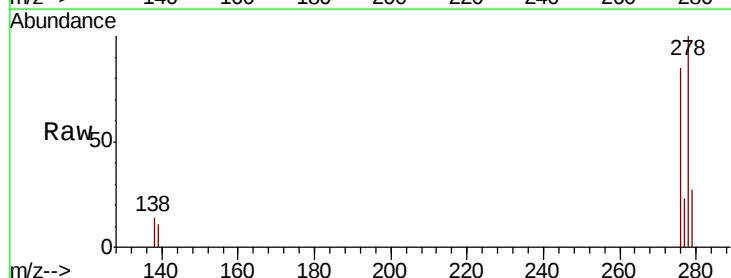


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

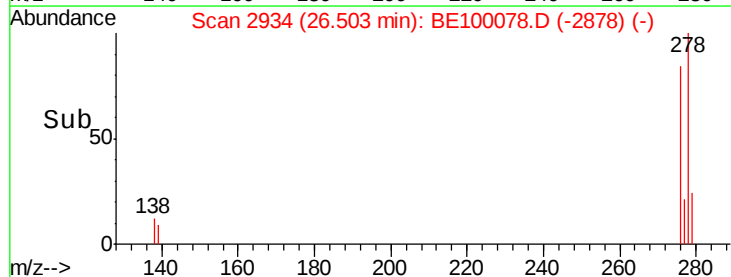
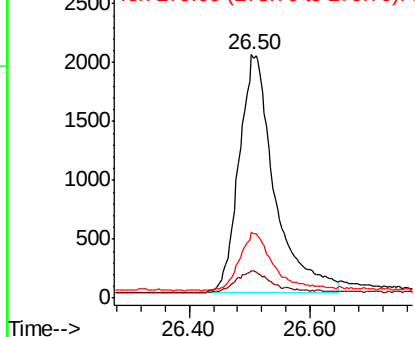


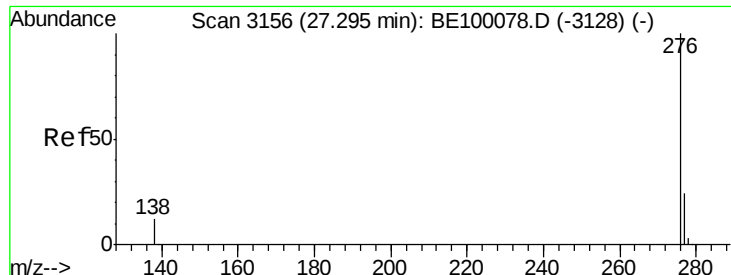
#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

Tgt Ion:278 Resp: 8252
Ion Ratio Lower Upper
278 100
139 11.3 9.0 13.6
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: 0.405 ng

RT: 27.29 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

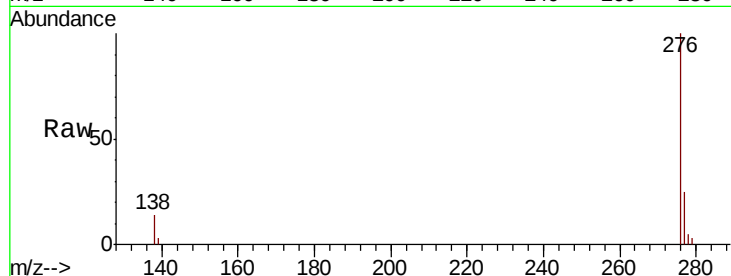
Tot Ion: 276 Resp: 8767

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 14.1 11.3 16.9



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

