

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

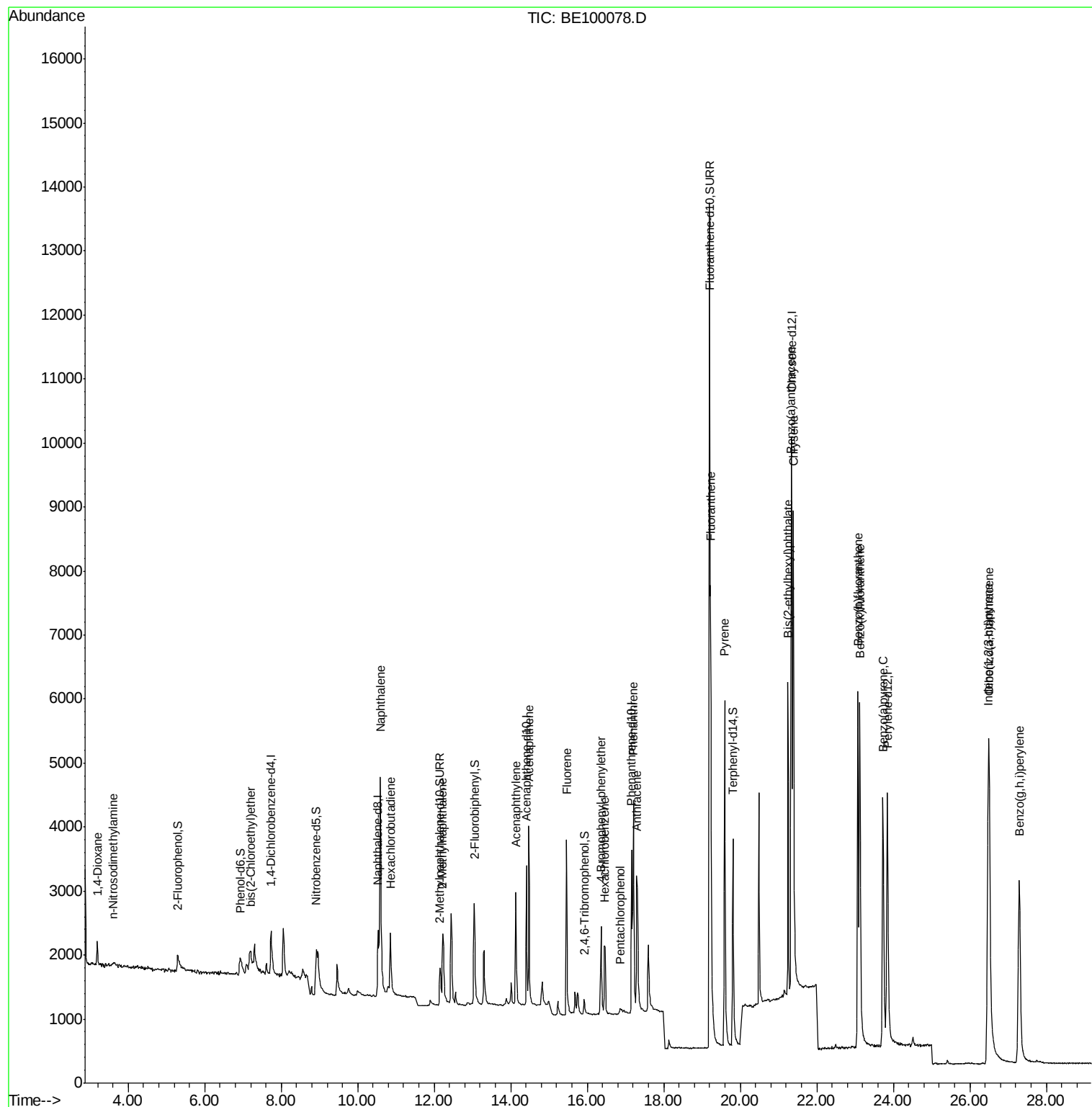
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	299	0.324	ng	100
3) n-Nitrosodimethylamine	3.60	42	37	0.097	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	528	0.326	ng	100
9) Naphthalene	10.59	128	8144	0.391	ng	100
10) Hexachlorobutadiene	10.86	225	783	0.438	ng	100
12) 2-Methylnaphthalene	12.22	142	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

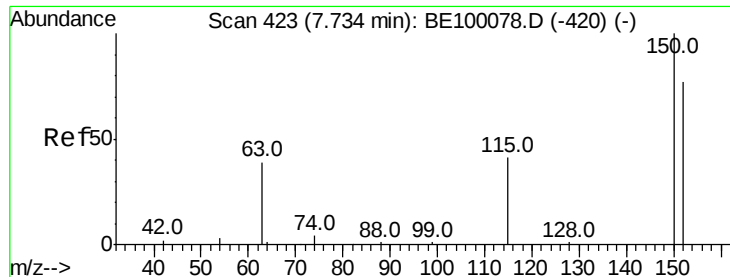
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 12:09:20 2019
Response via : Initial Calibration





#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

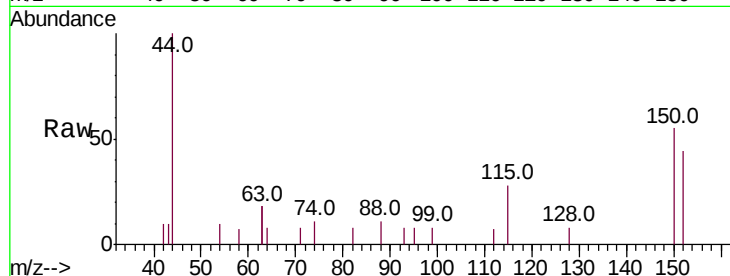
Tot Ion:152 Resp: 529

Ion Ratio Lower Upper

152 100

150 124.8 99.8 149.8

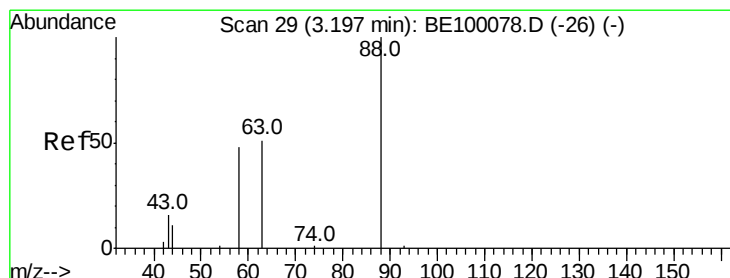
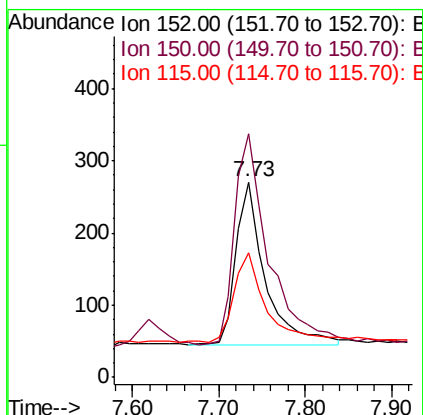
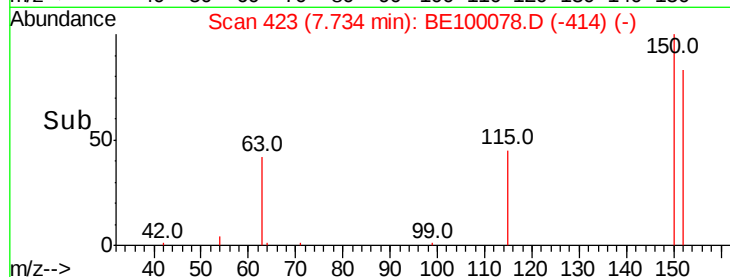
115 64.1 51.3 76.9



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

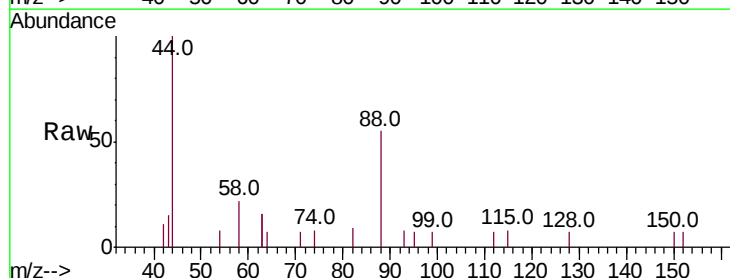
Tgt Ion: 88 Resp: 299

Ion Ratio Lower Upper

88 100

58 63.9 51.1 76.7

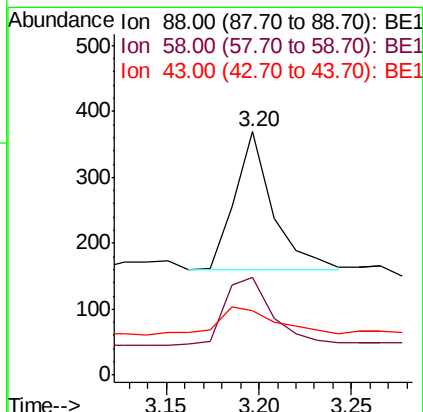
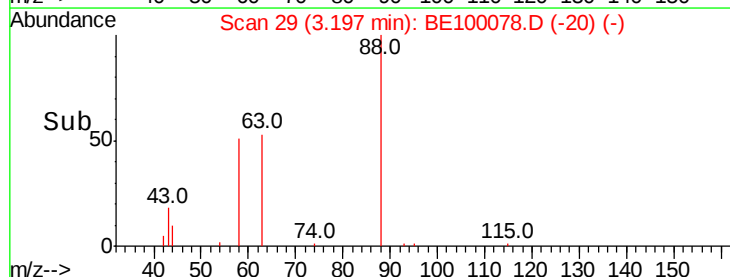
43 27.1 21.7 32.5

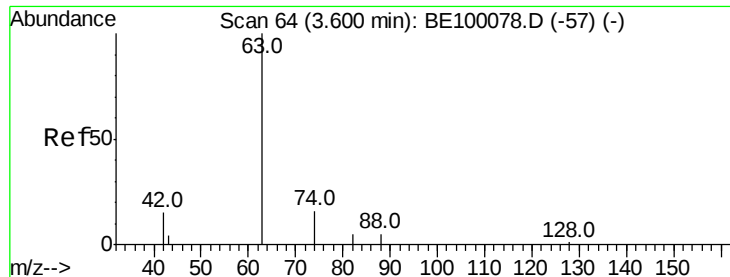


Abundance Ion 88.00 (87.70 to 88.70): BE1

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

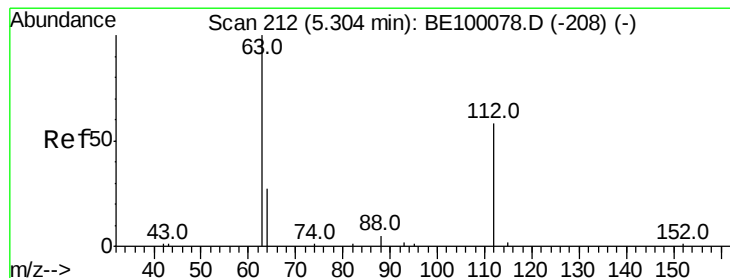
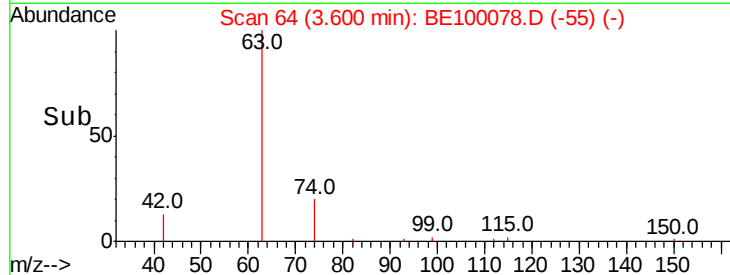
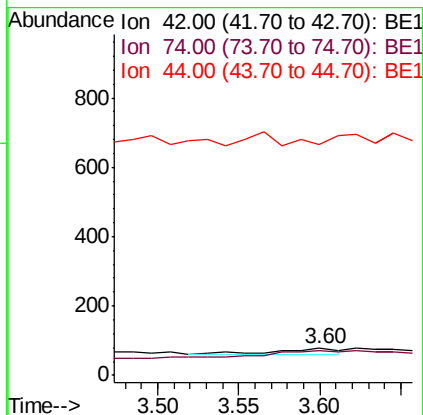
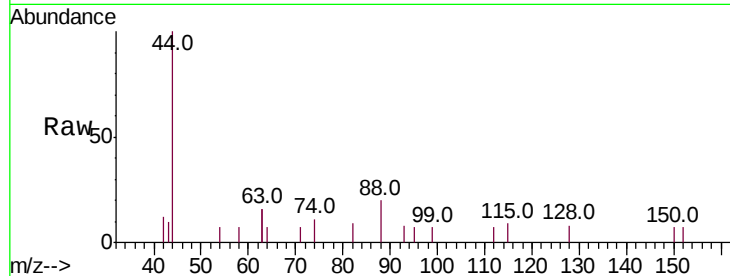
Instrument :

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



#4

2-Fluorophenol

Concen: 0.289 ng

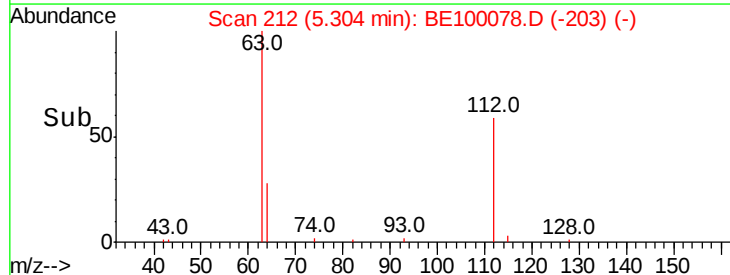
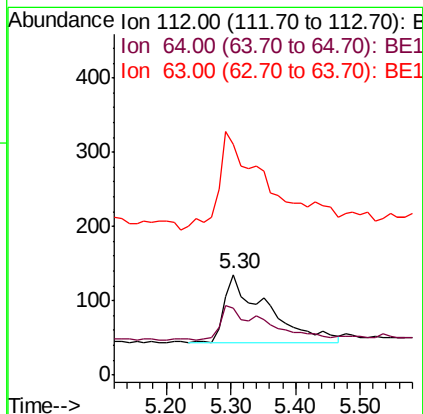
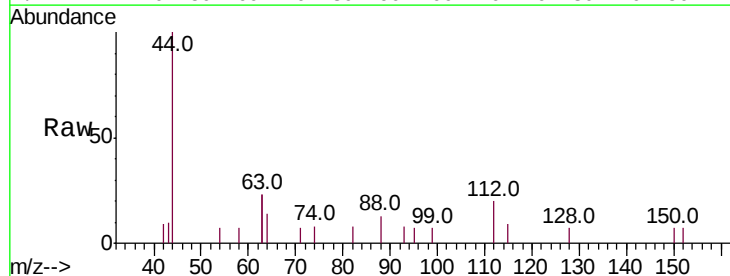
RT: 5.30 min Scan# 212

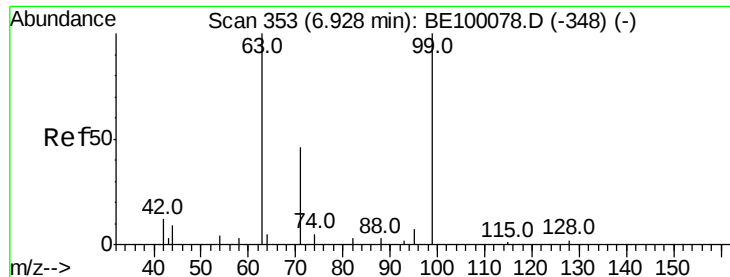
Delta R.T. 0.00 min

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





#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

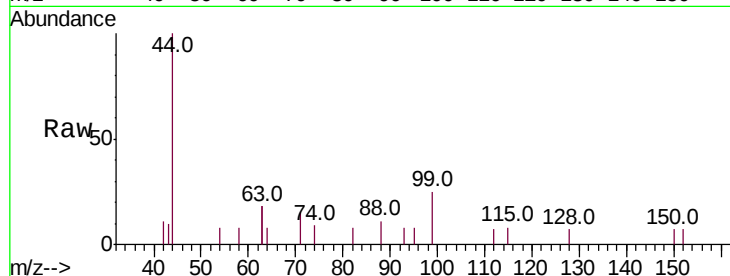
Tot Ion: 99 Resp: 608

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

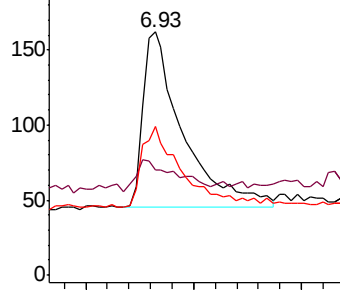
71 47.0 37.6 56.4



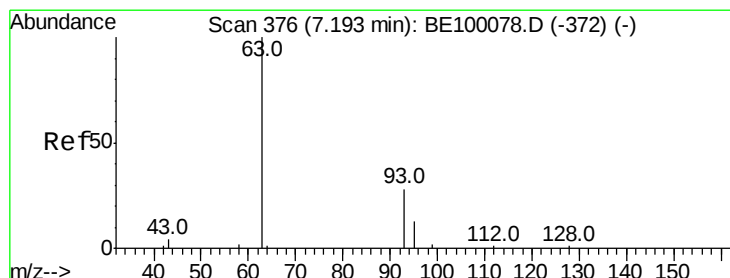
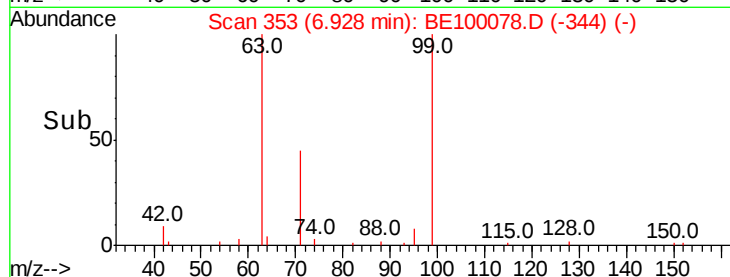
Abundance Ion 99.00 (98.70 to 99.70): BE1

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

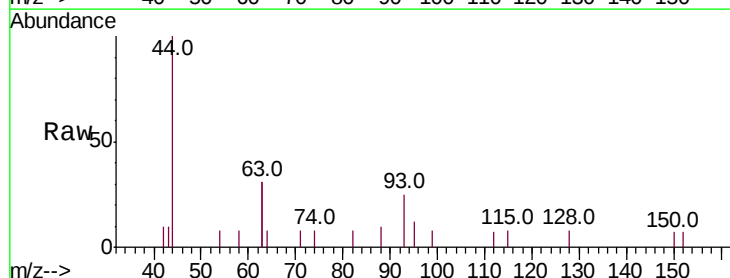
Tgt Ion: 93 Resp: 528

Ion Ratio Lower Upper

93 100

63 181.1 144.9 217.3

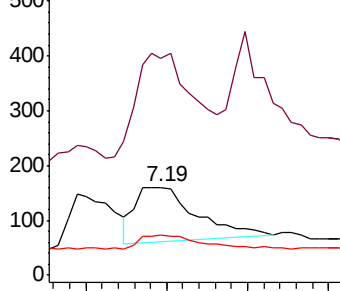
95 24.4 19.5 29.3



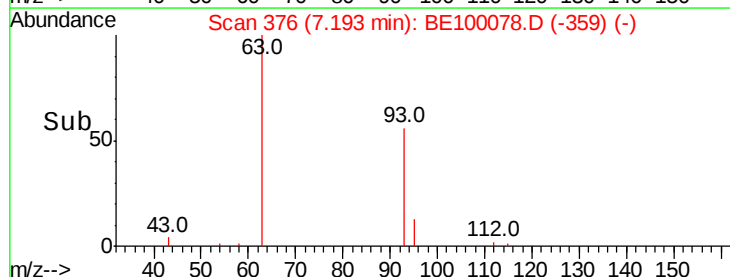
Abundance Ion 93.00 (92.70 to 93.70): BE1

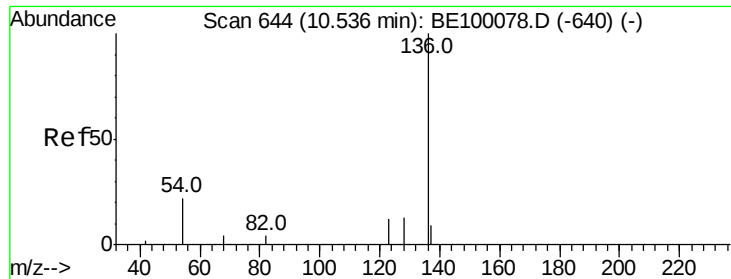
Ion 63.00 (62.70 to 63.70): BE1

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

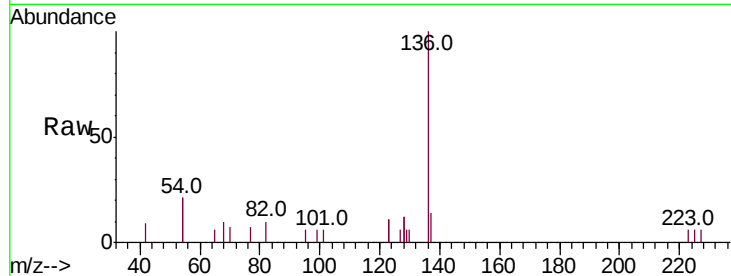
Ion Ratio Lower Upper

136 100

137 14.5 11.6 17.4

54 42.4 33.9 50.9

68 9.8 7.8 11.8

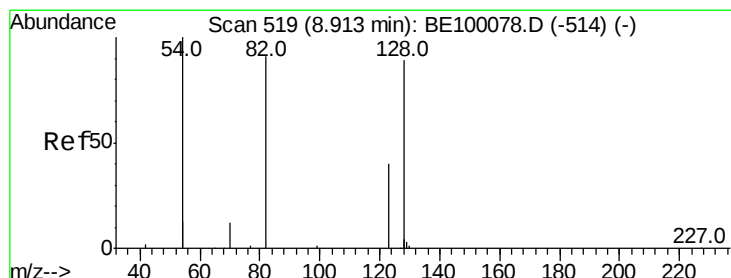
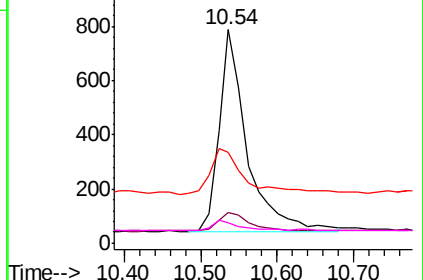
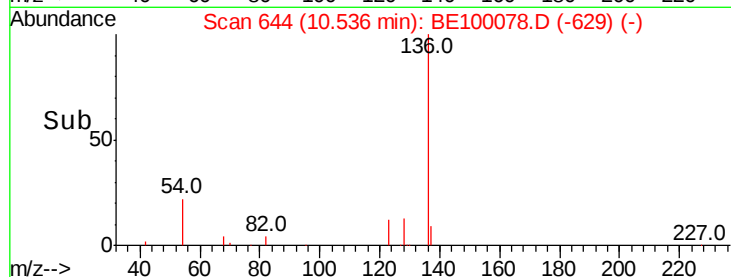


Abundance Ion 136.00 (135.70 to 136.70): E

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

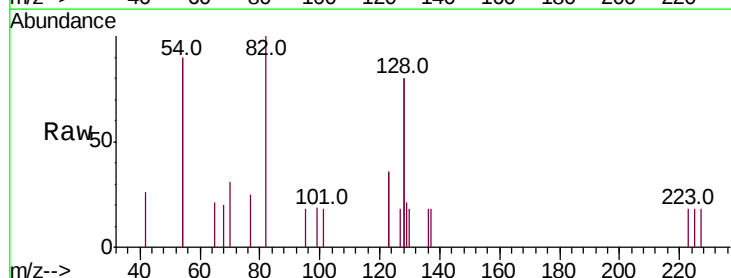
Tgt Ion: 82 Resp: 736

Ion Ratio Lower Upper

82 100

128 160.0 128.0 192.0

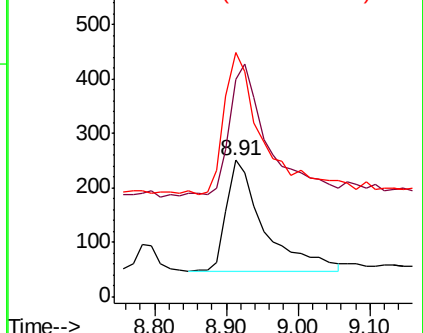
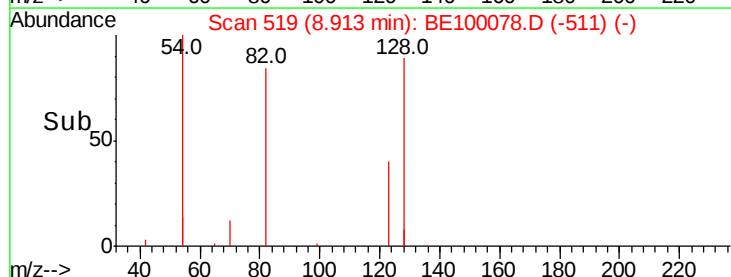
54 179.2 143.4 215.0

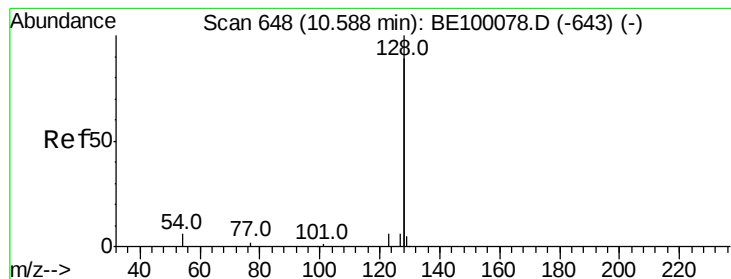


Abundance Ion 82.00 (81.70 to 82.70): BE1

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

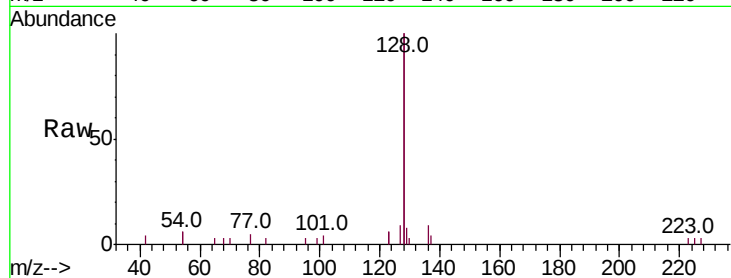
Tot Ion:128 Resp: 8144

Ion Ratio Lower Upper

128 100

129 3.9 3.1 4.7

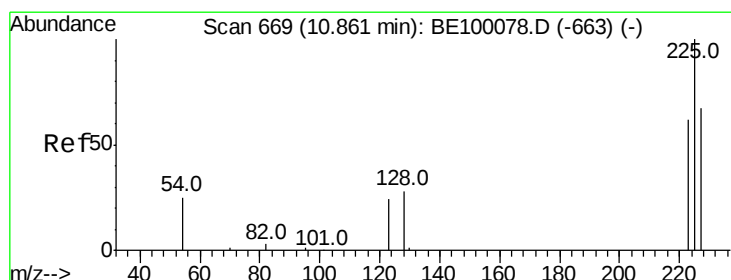
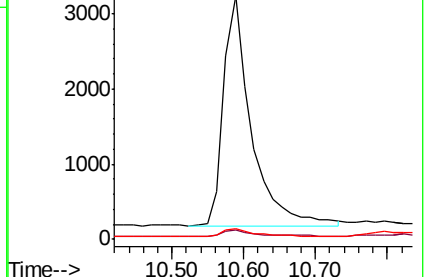
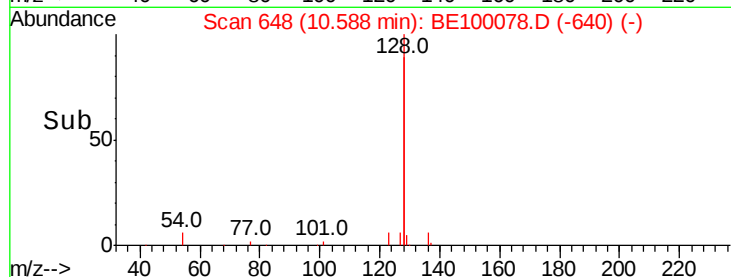
127 4.3 3.4 5.2



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

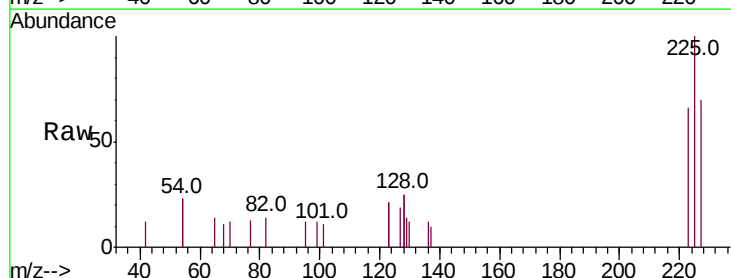
Tgt Ion:225 Resp: 783

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

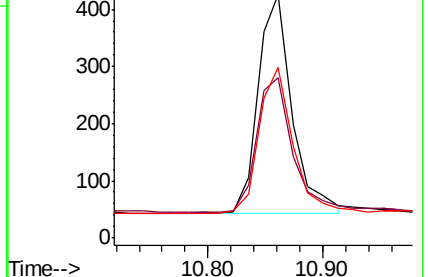
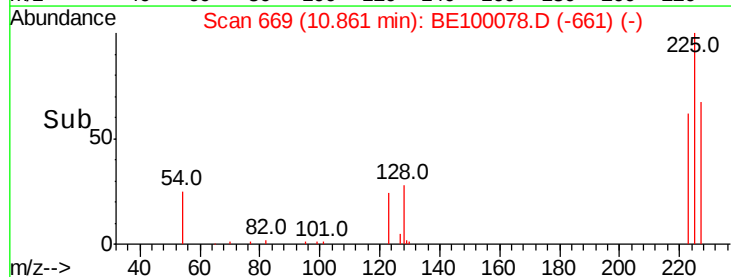
227 66.3 53.0 79.6

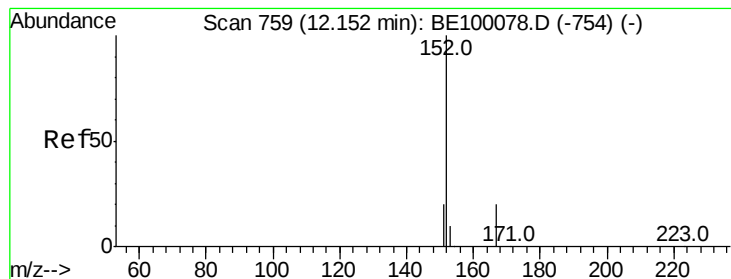


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

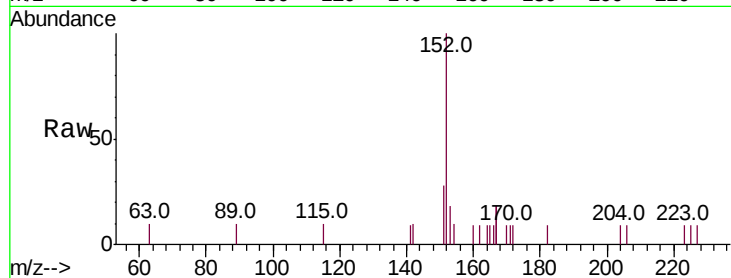
SSTDICCC0.4

Tot Ion:152 Resp: 1376

Ion Ratio Lower Upper

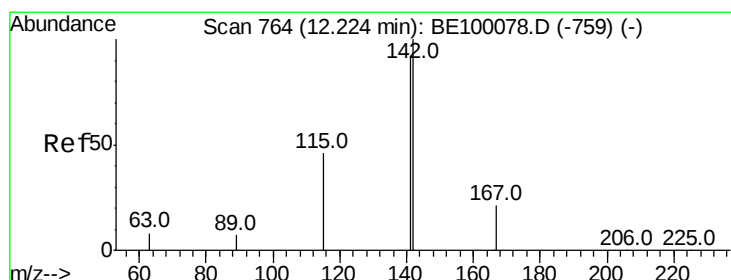
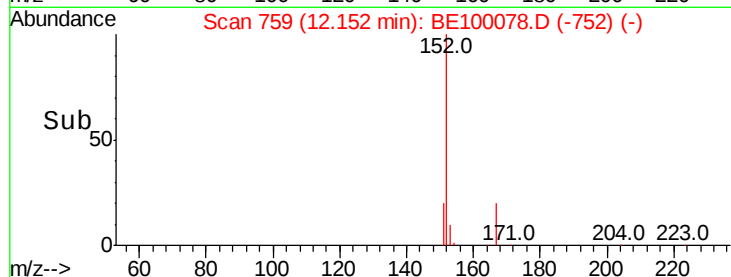
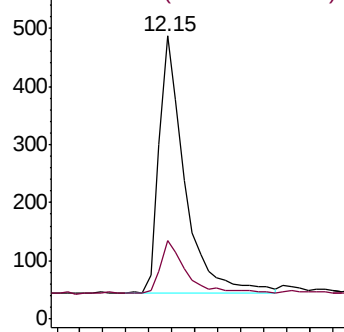
152 100

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

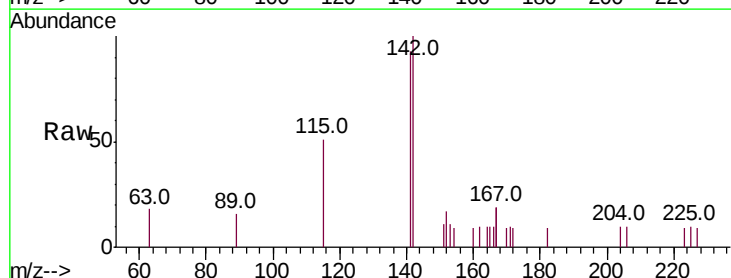
Tgt Ion:142 Resp: 1289

Ion Ratio Lower Upper

142 100

141 92.6 74.1 111.1

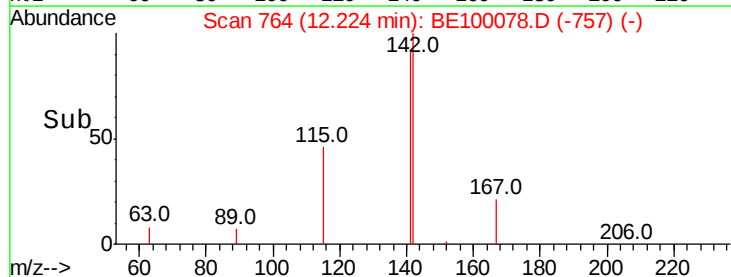
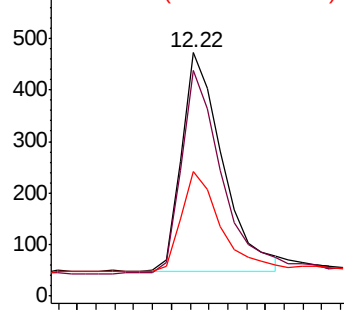
115 51.1 40.9 61.3

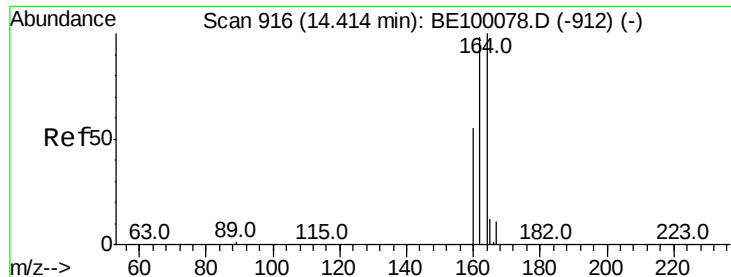


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

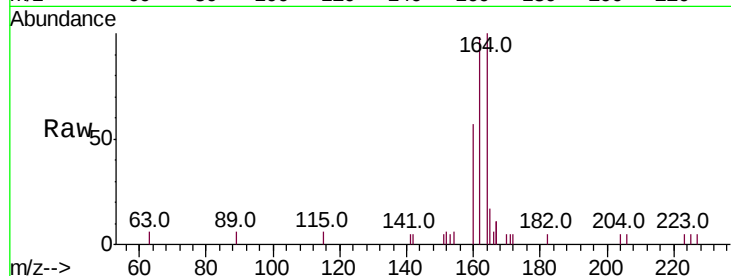




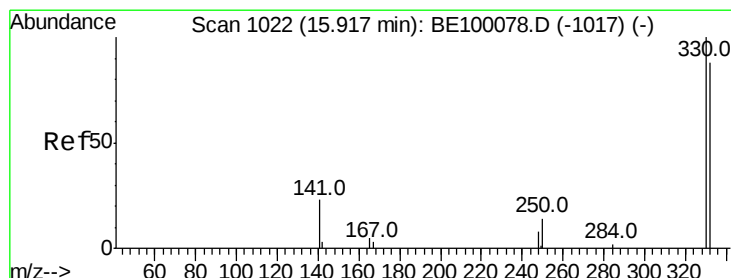
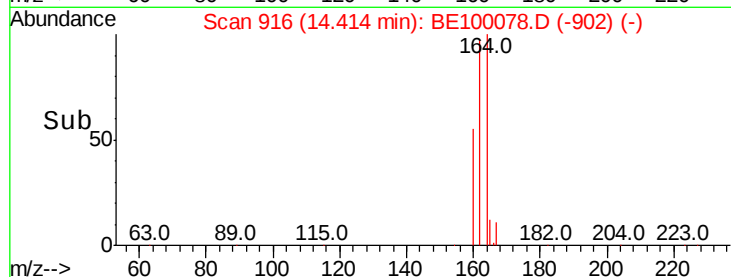
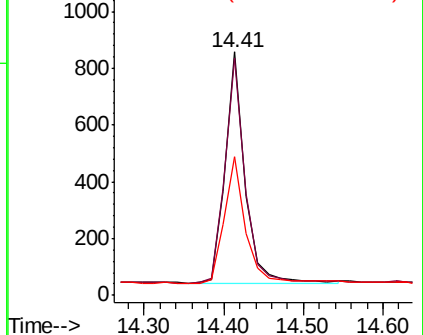
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BE100078.D
 Acq: 19 Jun 2019 10:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

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

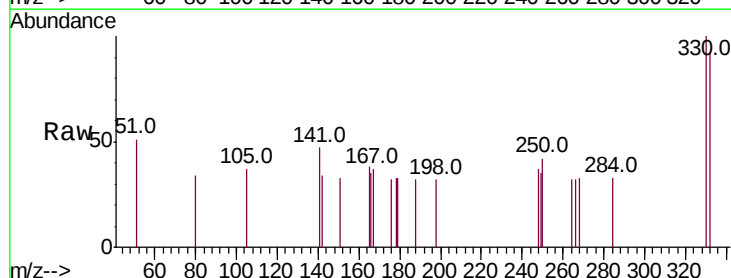


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

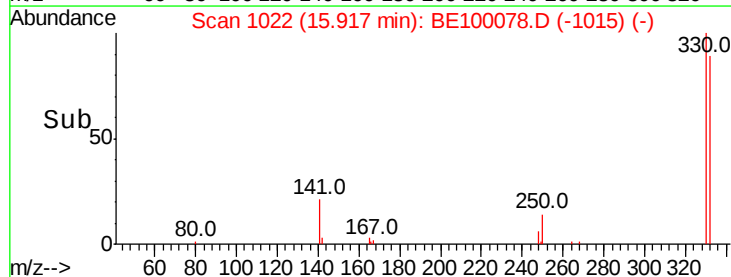
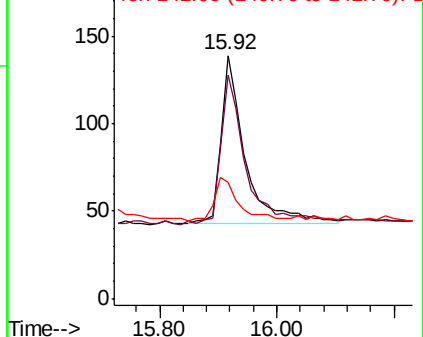


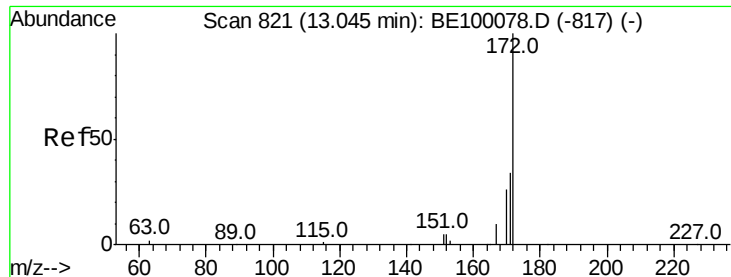
#14
 2,4,6-Tribromophenol
 Concen: 0.322 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BE100078.D
 Acq: 19 Jun 2019 10:44

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

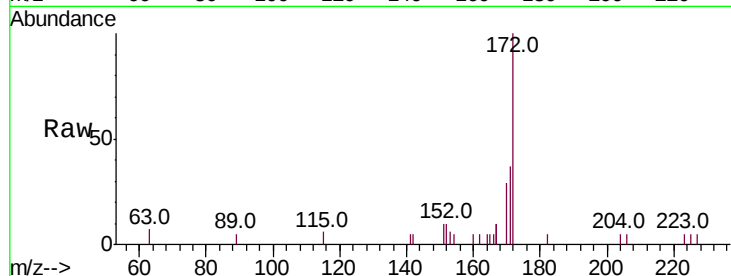
Tot Ion:172 Resp: 2367

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.8

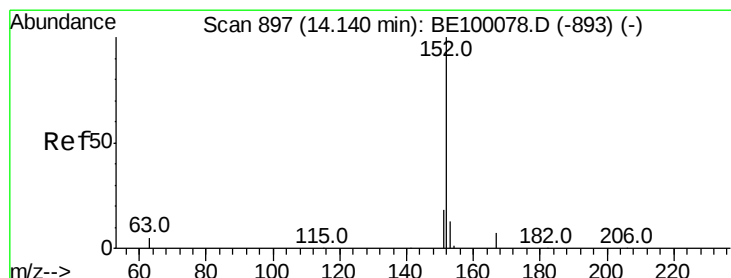
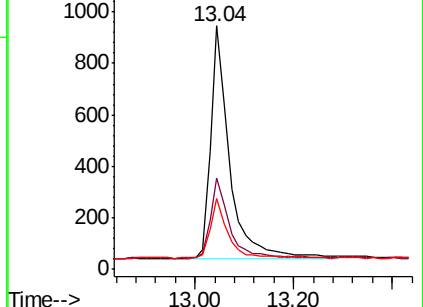
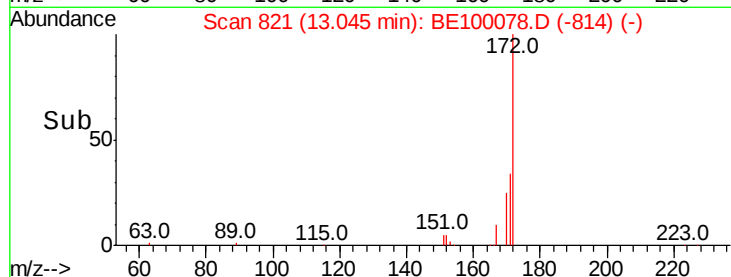
170 29.0 23.2 34.8



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

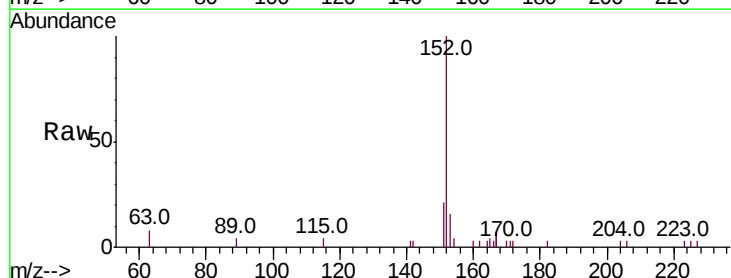
Tgt Ion:152 Resp: 2669

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

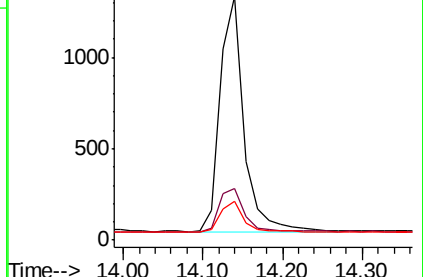
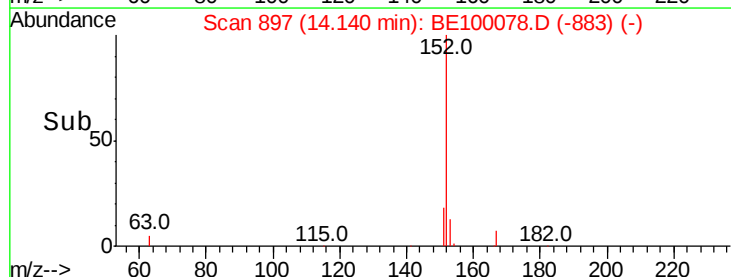
153 12.6 10.1 15.1

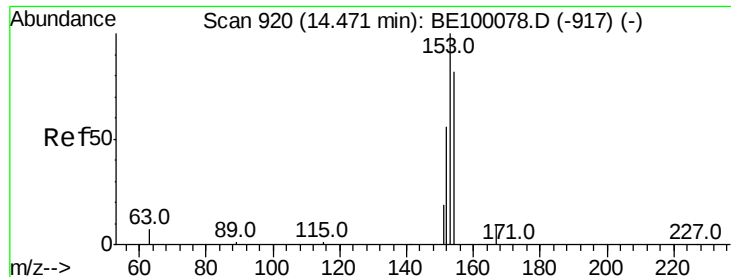


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

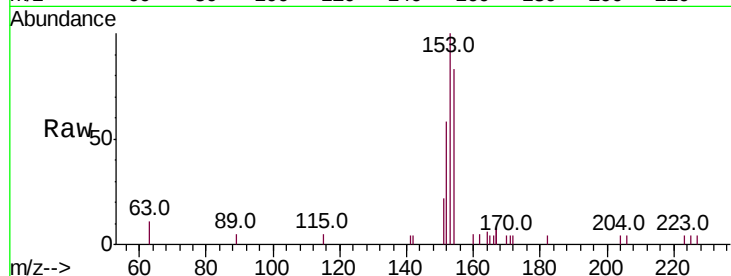




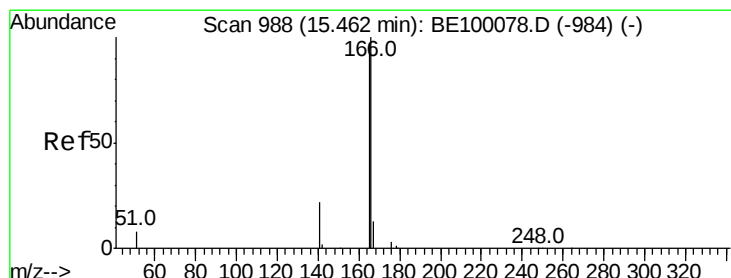
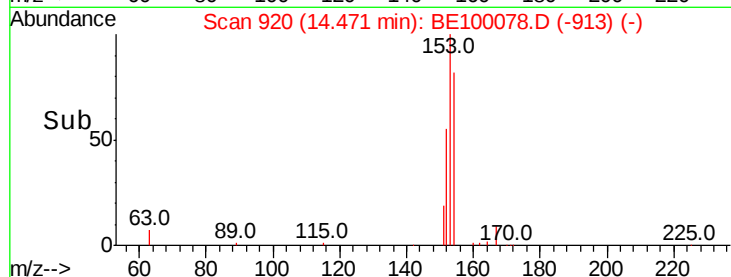
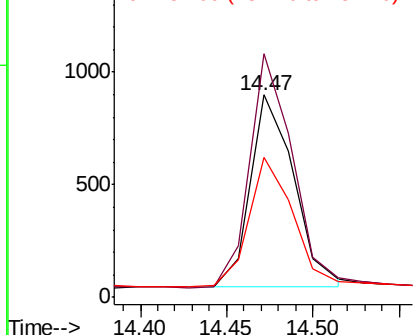
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

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

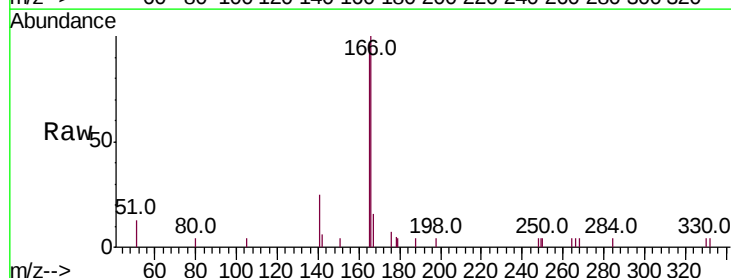


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

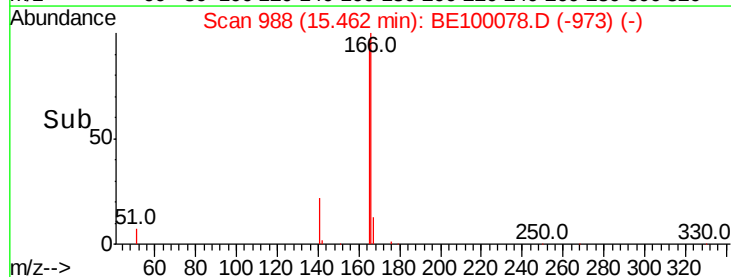
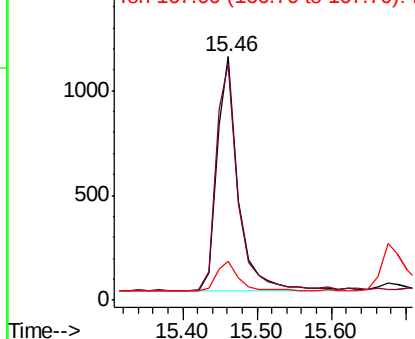


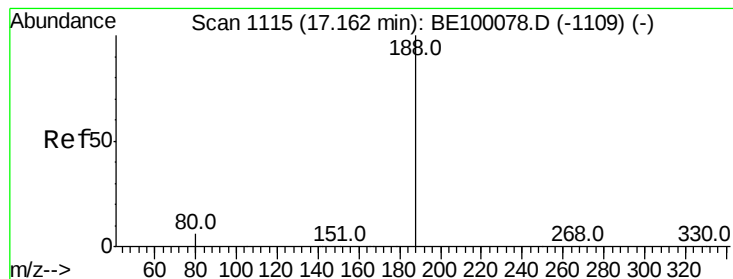
#18
Fluorene
Concen: 0.399 ng
RT: 15.46 min Scan# 988
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

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

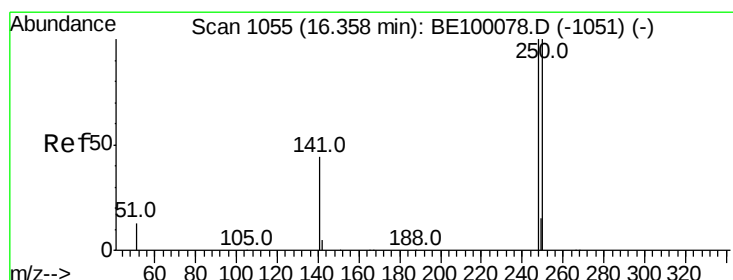
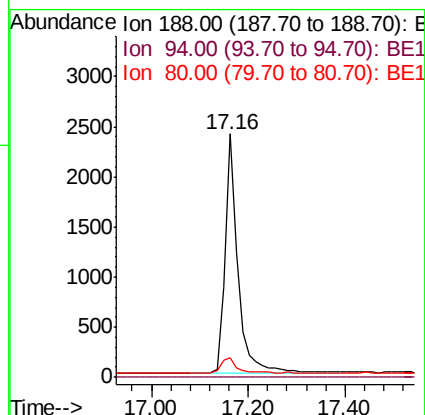
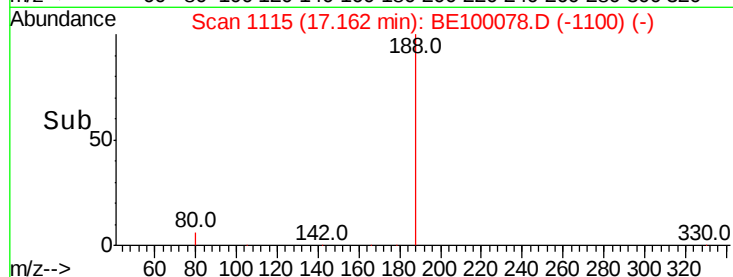
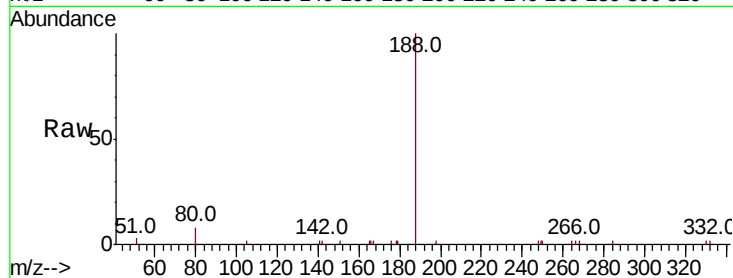
Tot Ion:188 Resp: 4447

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.3 9.5



#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

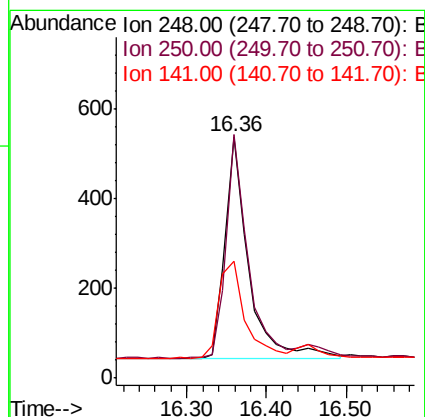
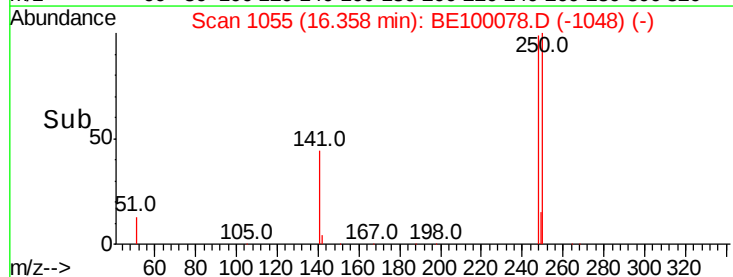
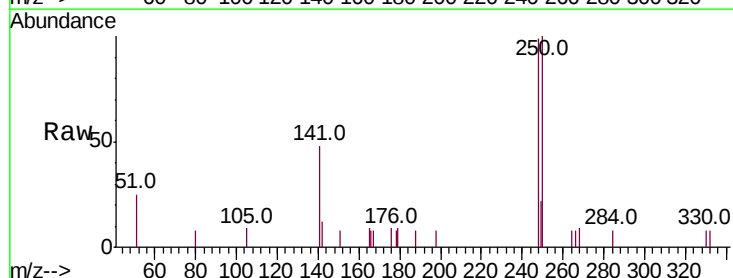
Tgt Ion:248 Resp: 1020

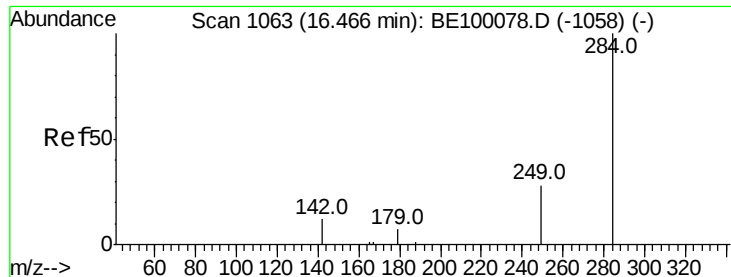
Ion Ratio Lower Upper

248 100

250 100.7 80.6 120.8

141 48.5 38.8 58.2





#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

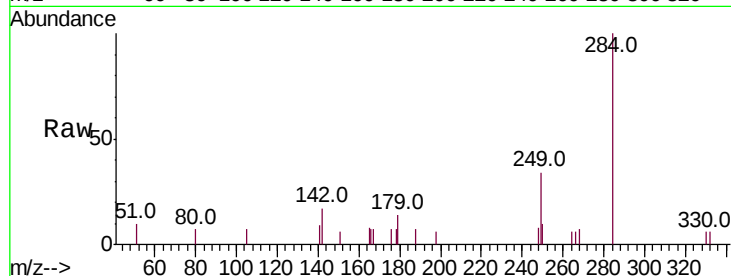
Tot Ion:284 Resp: 1160

Ion Ratio Lower Upper

284 100

142 25.9 20.7 31.1

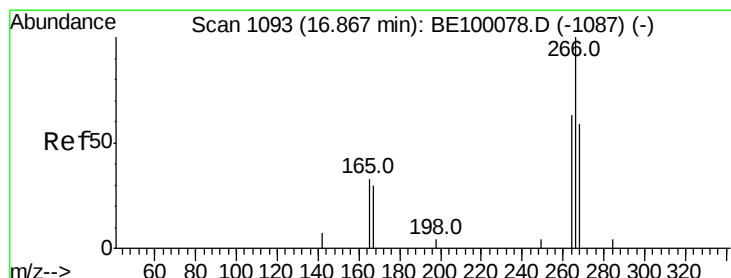
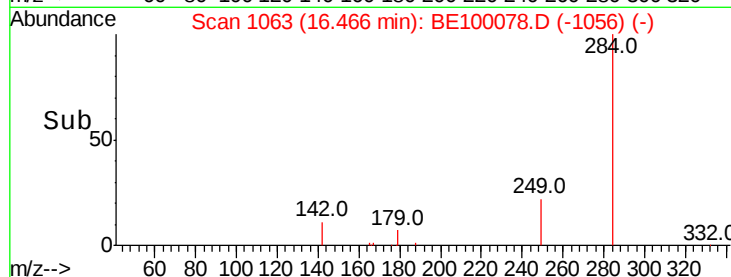
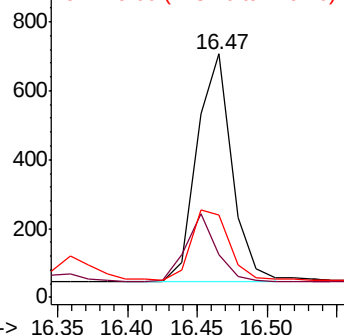
249 33.2 26.6 39.8



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: 0.199 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE100078.D

Acq: 19 Jun 2019 10:44

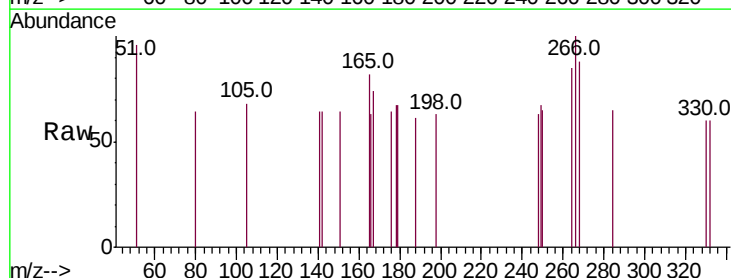
Tgt Ion:266 Resp: 171

Ion Ratio Lower Upper

266 100

264 84.7 67.8 101.6

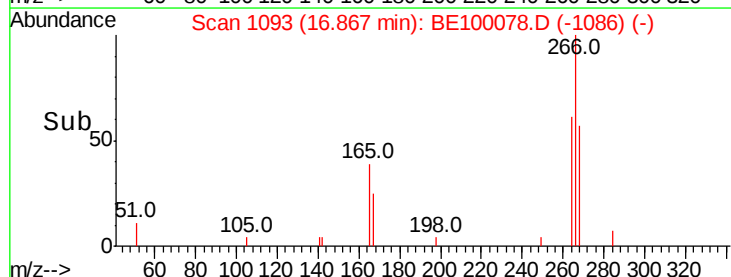
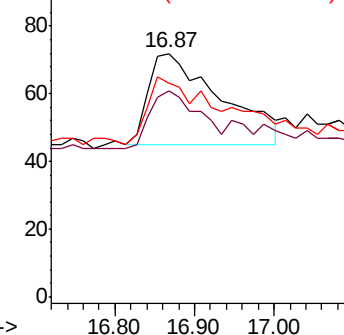
268 87.5 70.0 105.0

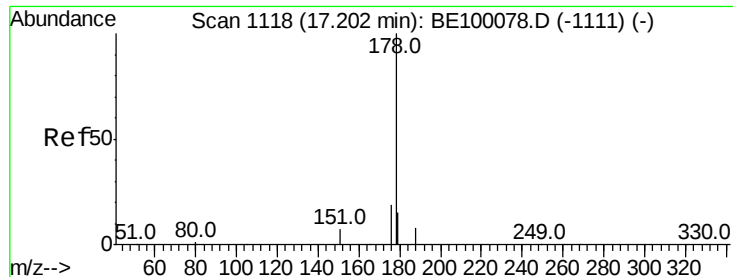


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 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

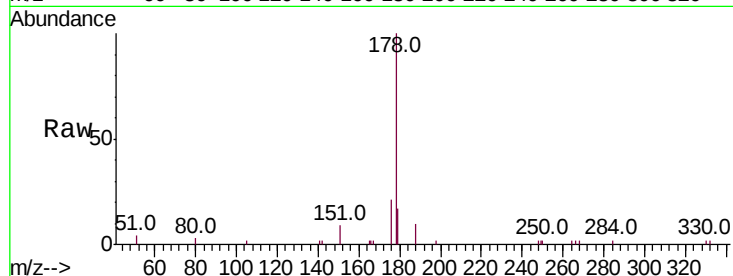
Tot Ion:178 Resp: 4201

Ion Ratio Lower Upper

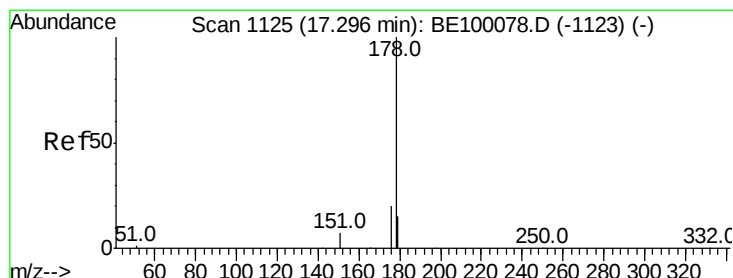
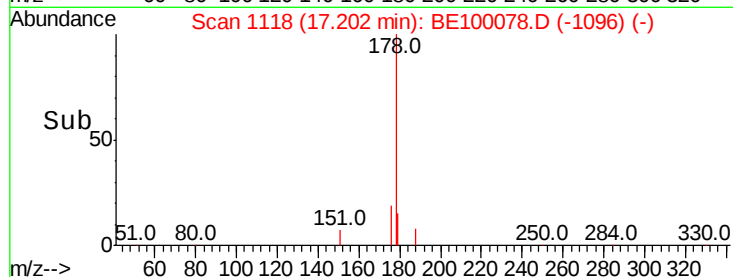
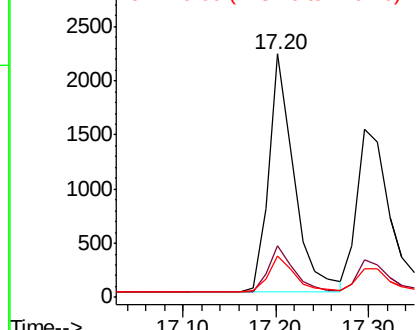
178 100

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

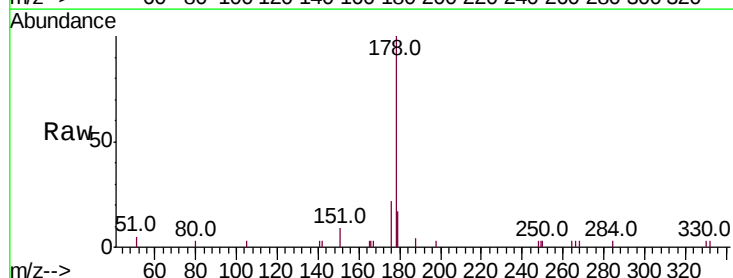
Tgt Ion:178 Resp: 3337

Ion Ratio Lower Upper

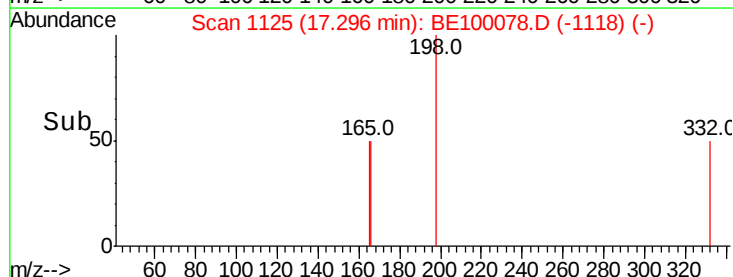
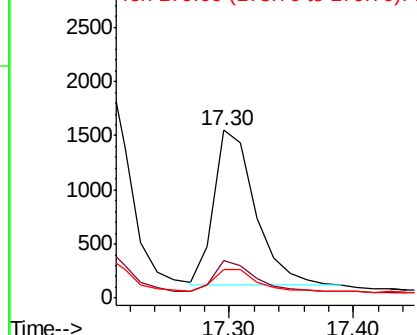
178 100

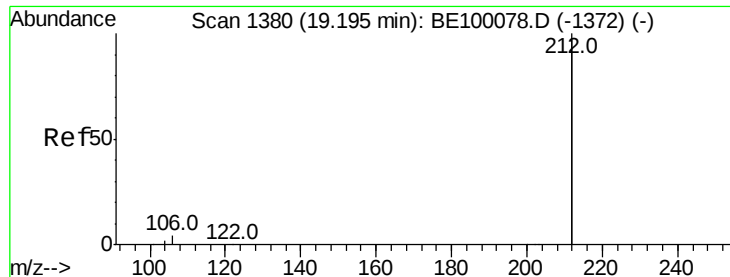
176 19.7 15.8 23.6

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

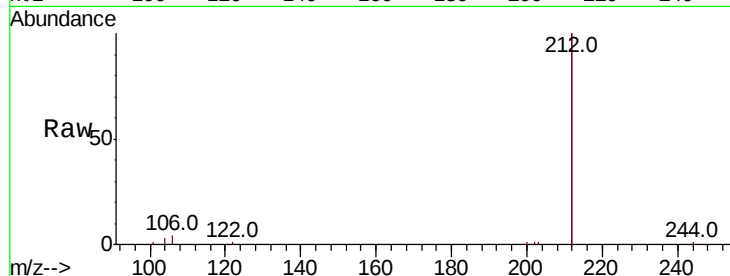
Tot Ion:212 Resp: 25076

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

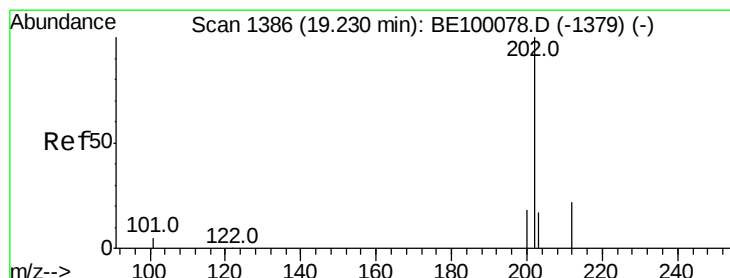
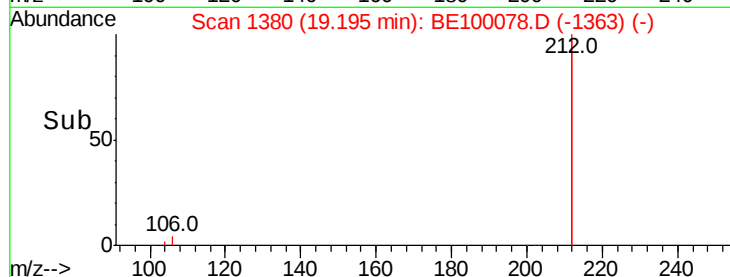
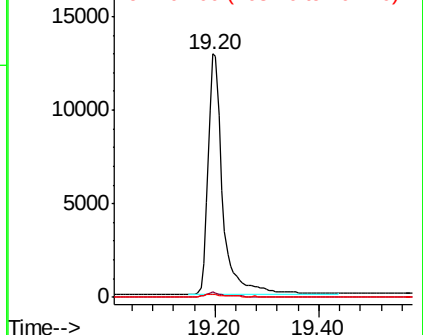
104 1.0 0.8 1.2



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

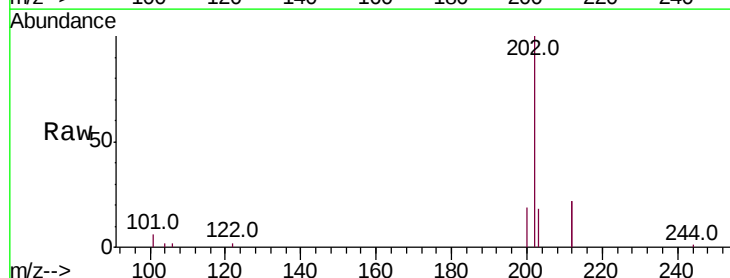
Tgt Ion:202 Resp: 6760

Ion Ratio Lower Upper

202 100

101 6.2 5.0 7.4

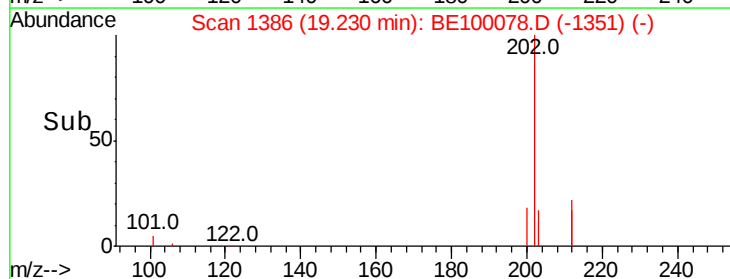
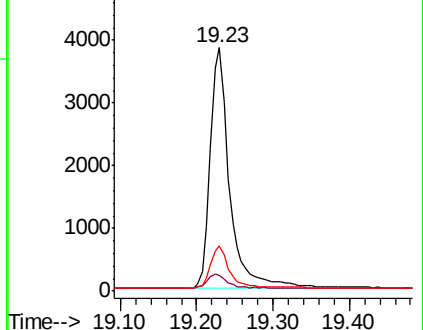
203 17.1 13.7 20.5

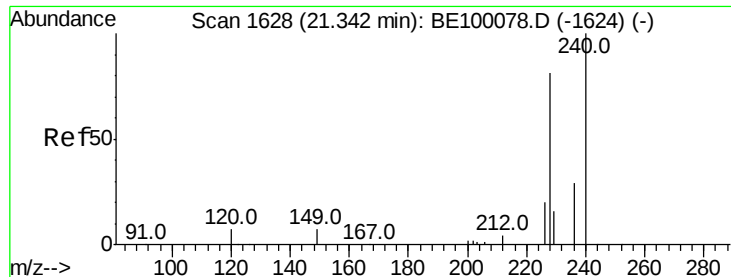


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

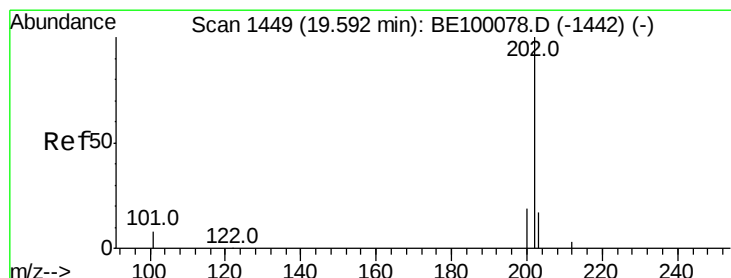
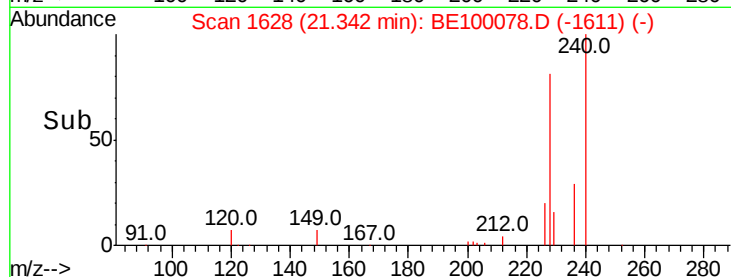
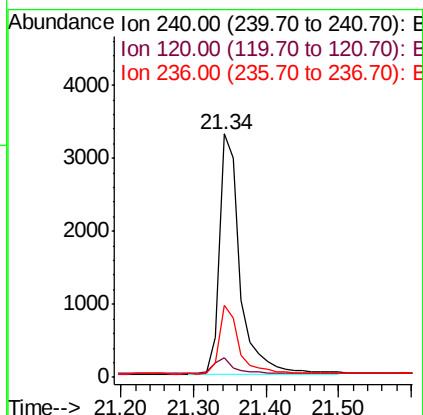
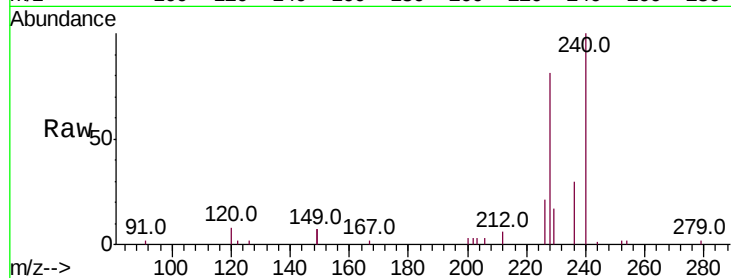




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100078.D
Acq: 19 Jun 2019 10:44

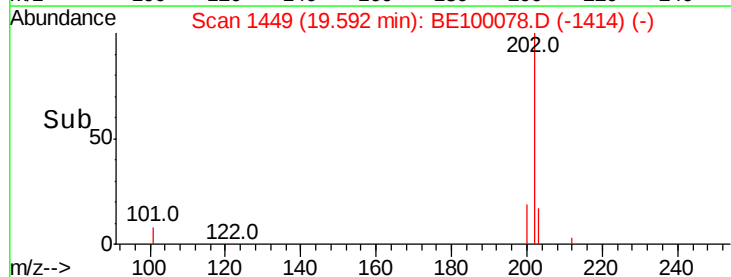
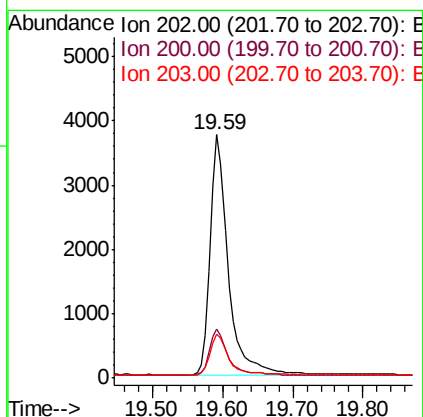
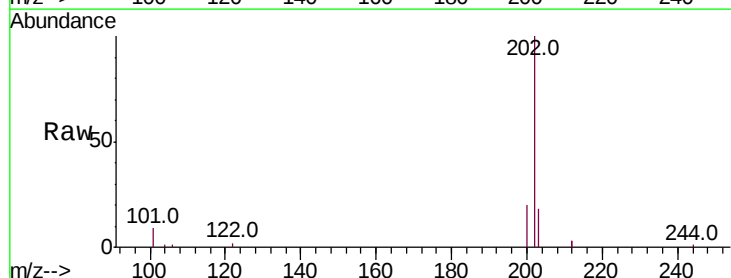
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

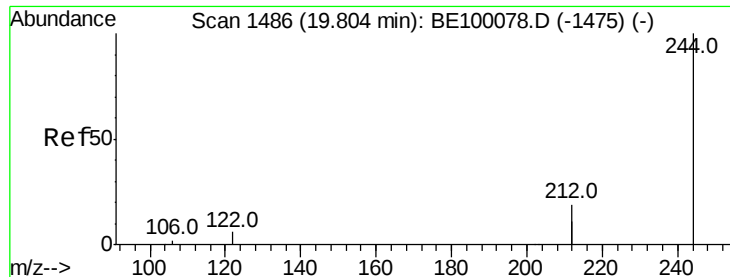
Tot Ion:240 Resp: 6564
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 29.7 23.8 35.6



#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





#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

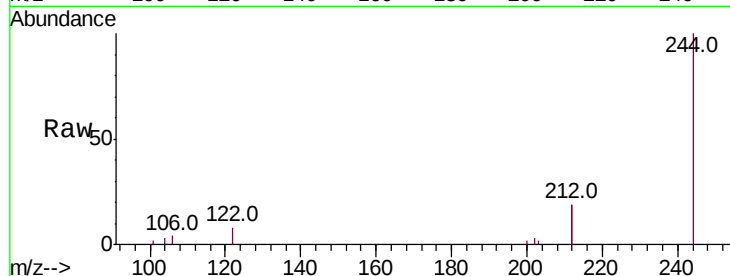
Tot Ion:244 Resp: 5263

Ion Ratio Lower Upper

244 100

212 37.3 29.8 44.8

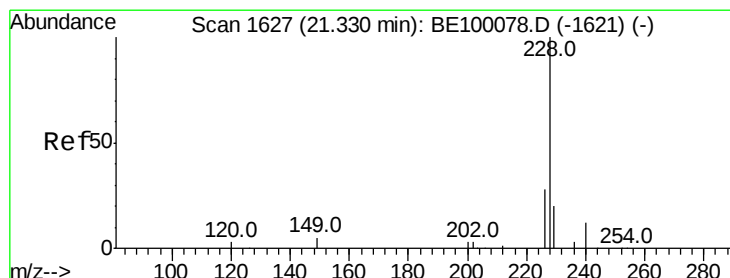
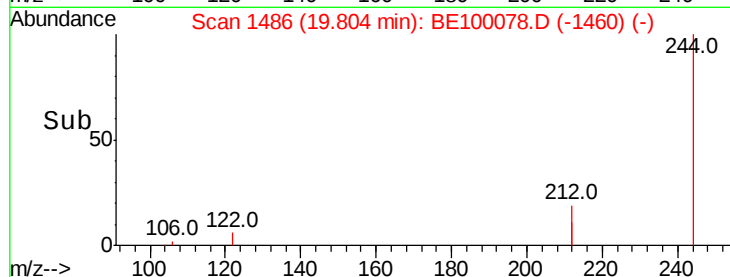
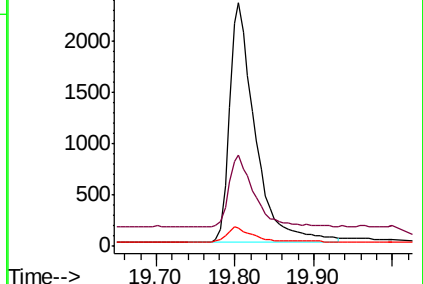
122 7.6 6.1 9.1



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

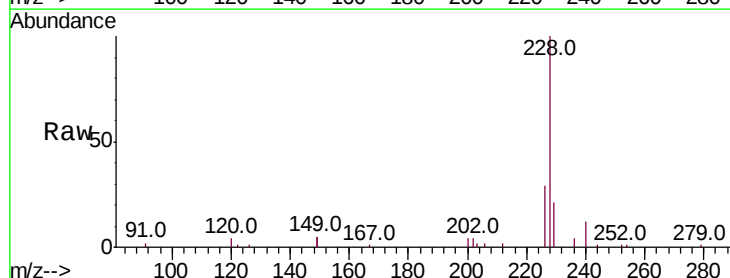
Tgt Ion:228 Resp: 7170

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

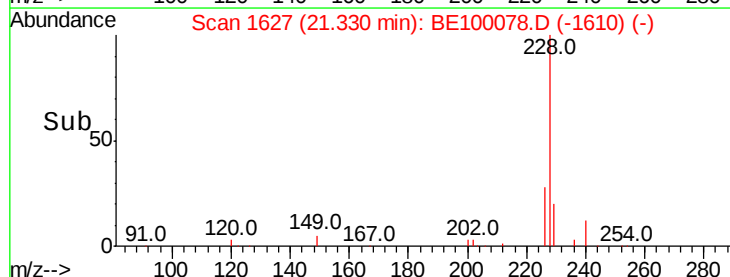
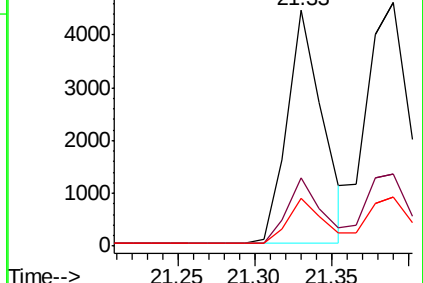
229 20.5 16.4 24.6

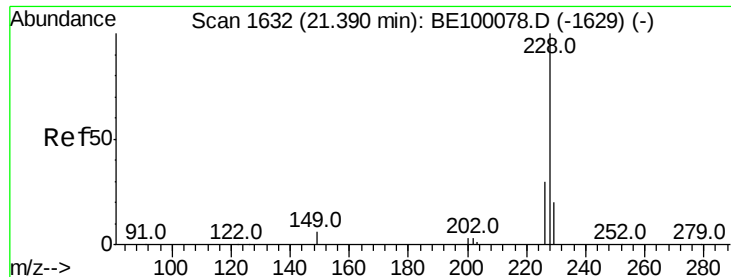


Abundance Ion 228.00 (227.70 to 228.70): E

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

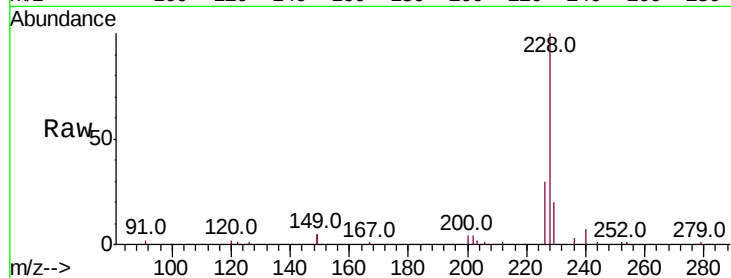
Tot Ion:228 Resp: 9356

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

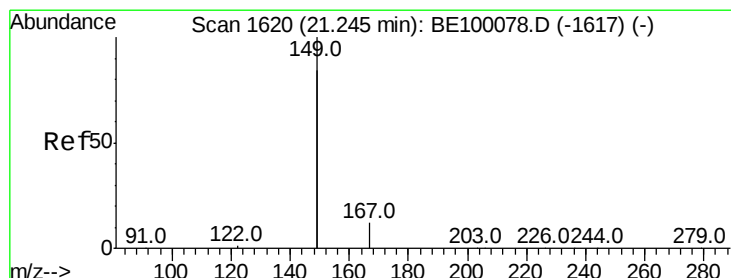
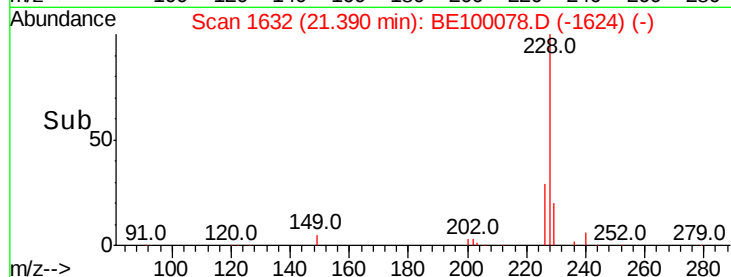
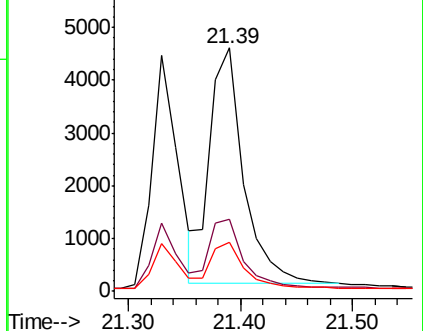
229 20.4 16.3 24.5



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

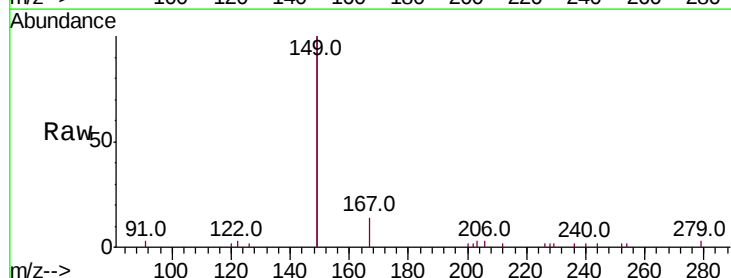
Tgt Ion:149 Resp: 6373

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

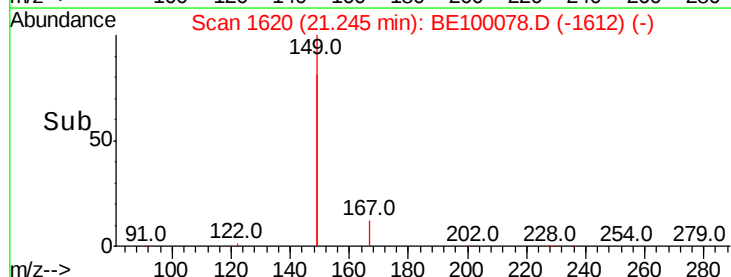
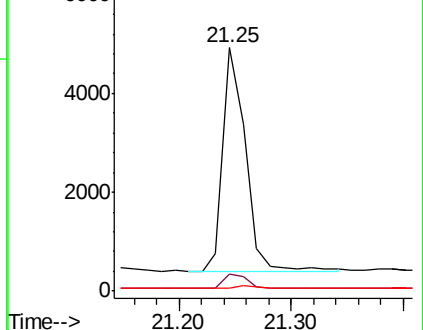
279 1.4 1.1 1.7

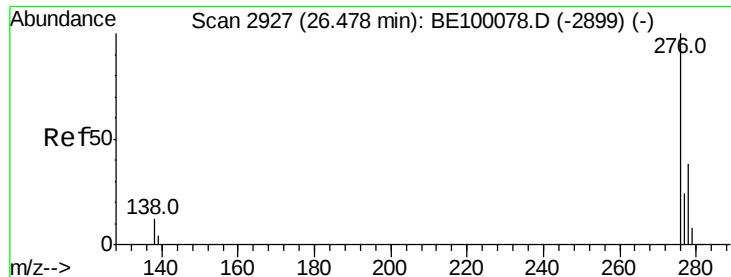


Abundance Ion 149.00 (148.70 to 149.70): E

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

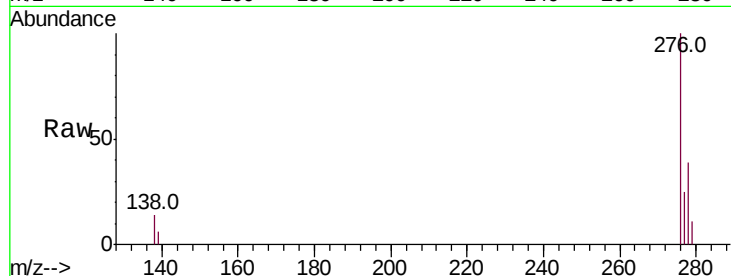
Tot Ion:276 Resp: 10609

Ion Ratio Lower Upper

276 100

138 5.4 4.3 6.5

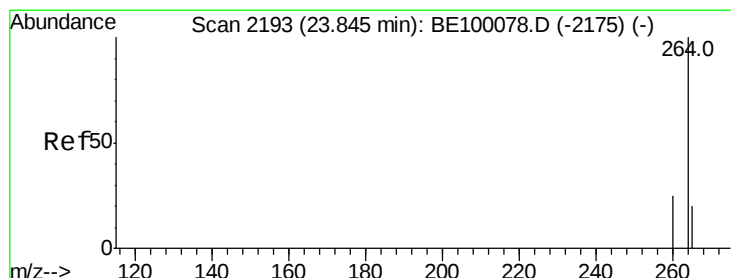
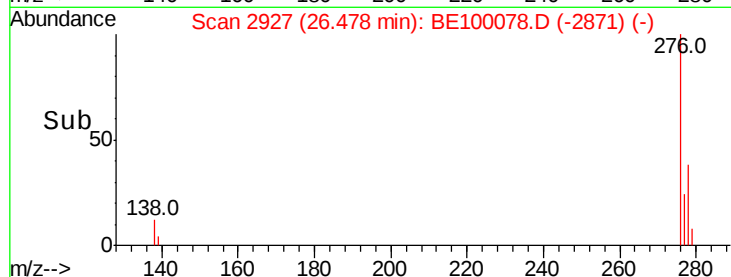
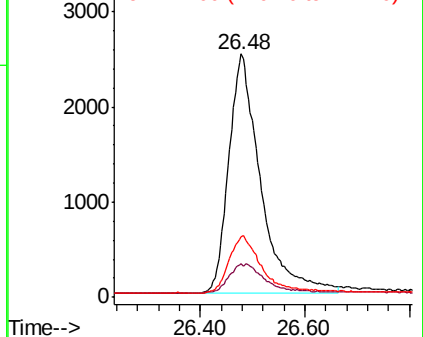
277 24.2 19.4 29.0



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

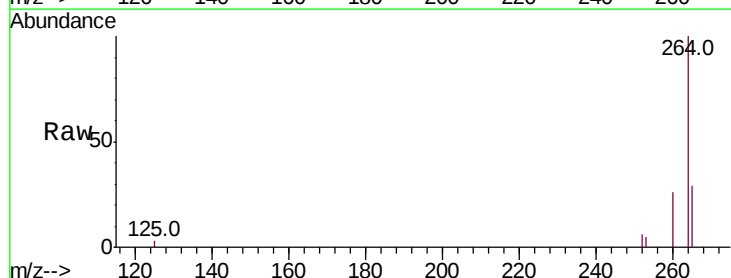
Tgt Ion:264 Resp: 7334

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

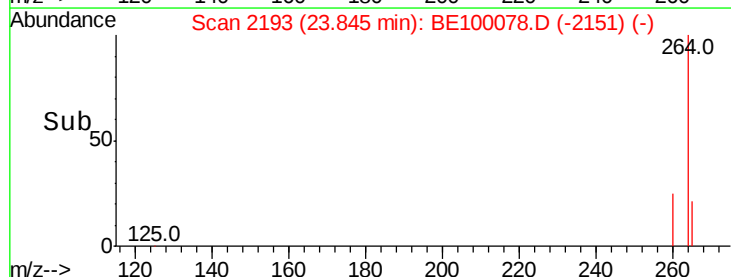
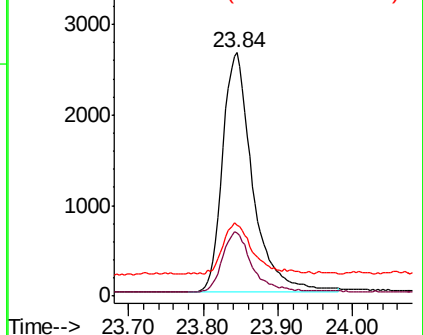
265 29.0 23.2 34.8

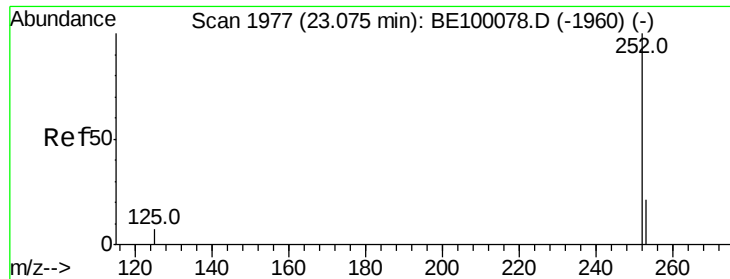


Abundance Ion 264.00 (263.70 to 264.70): E

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

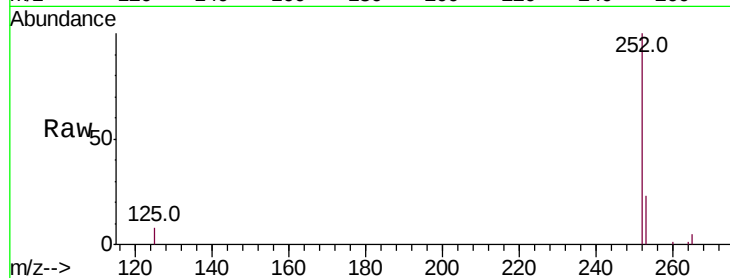
Tot Ion:252 Resp: 8530

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

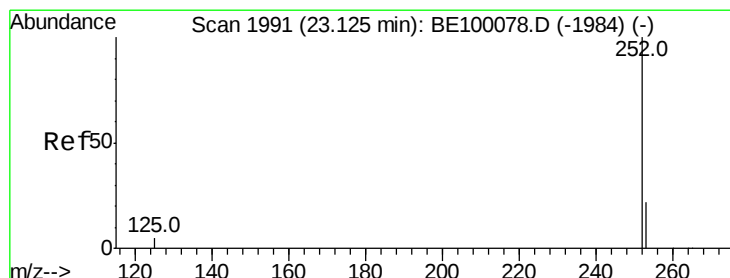
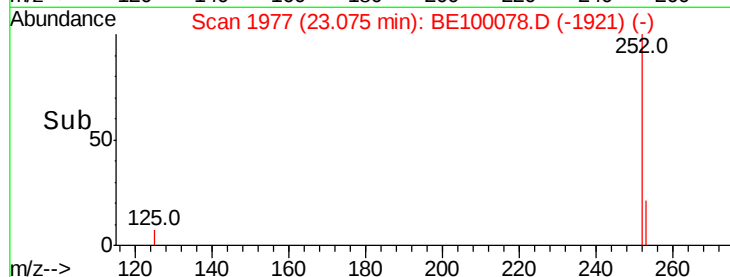
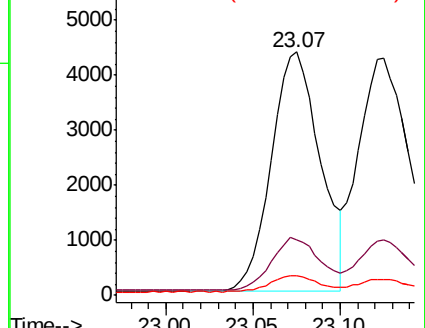
125 8.0 6.4 9.6



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

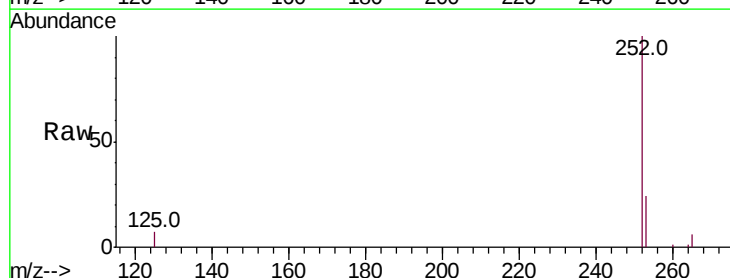
Tgt Ion:252 Resp: 9468

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

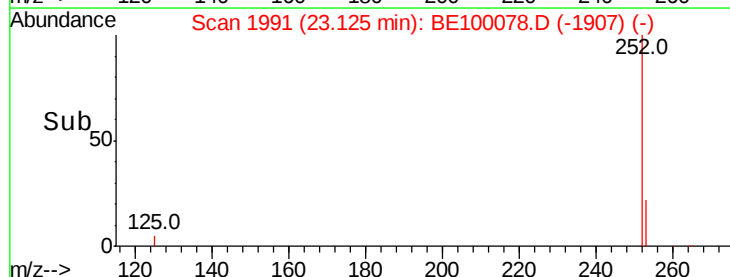
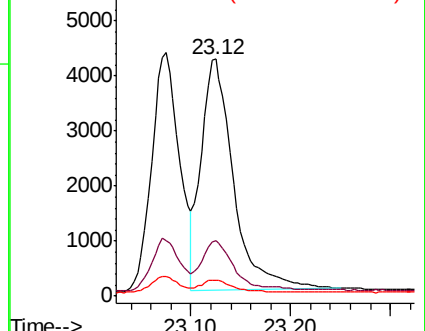
125 6.6 5.3 7.9

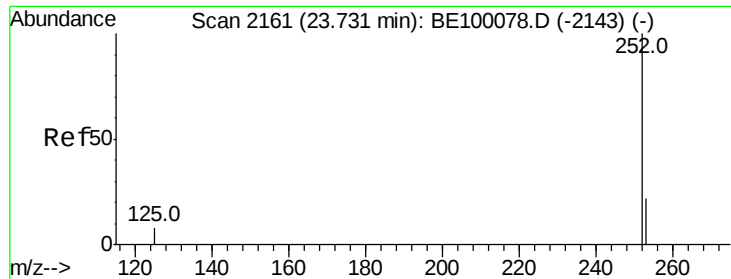


Abundance Ion 252.00 (251.70 to 252.70): E

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

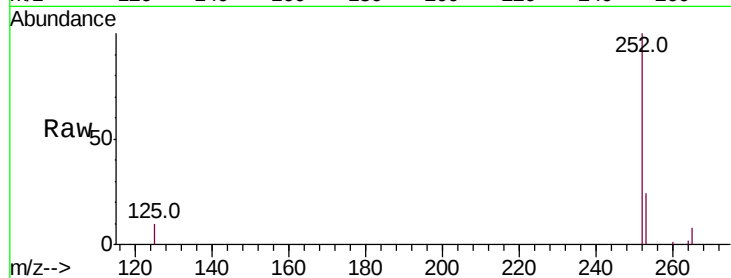
Tot Ion:252 Resp: 8299

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

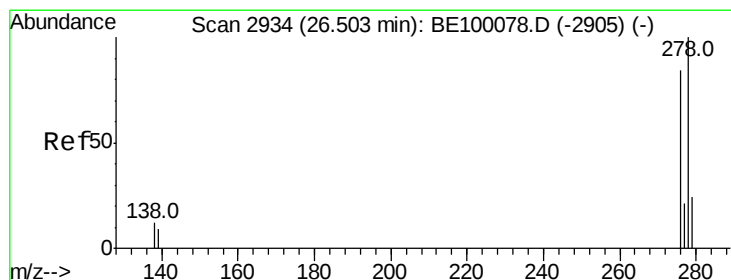
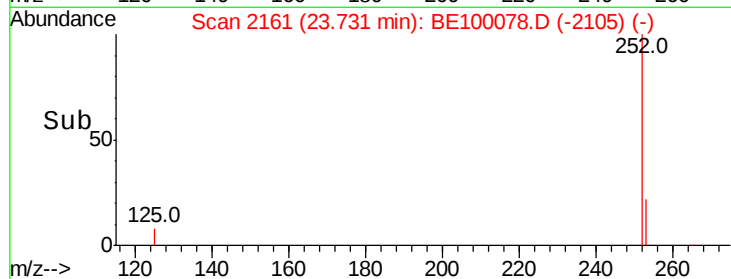
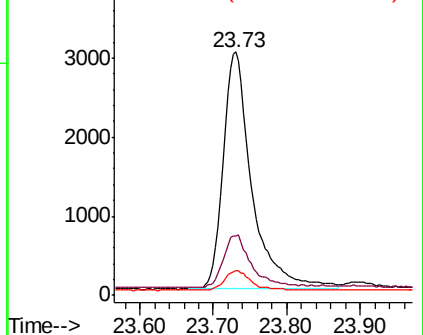
125 10.0 8.0 12.0



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

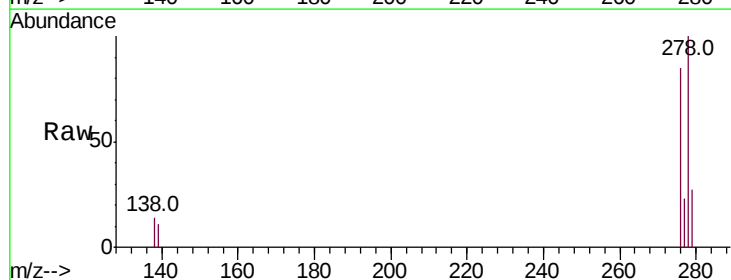
Tgt Ion:278 Resp: 8252

Ion Ratio Lower Upper

278 100

139 11.3 9.0 13.6

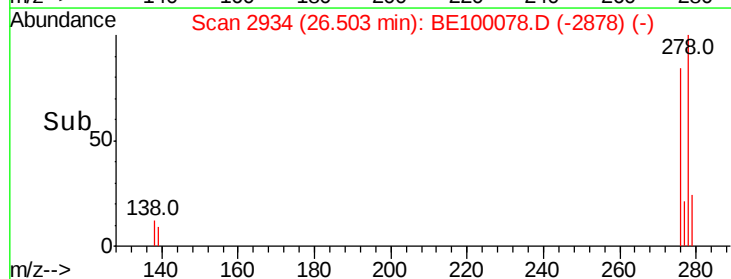
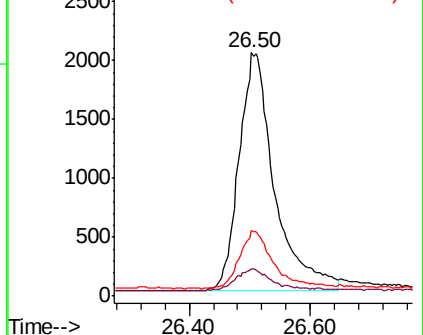
279 26.7 21.4 32.0

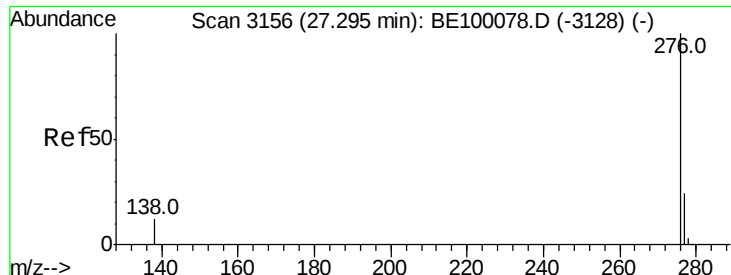


Abundance Ion 278.00 (277.70 to 278.70): E

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

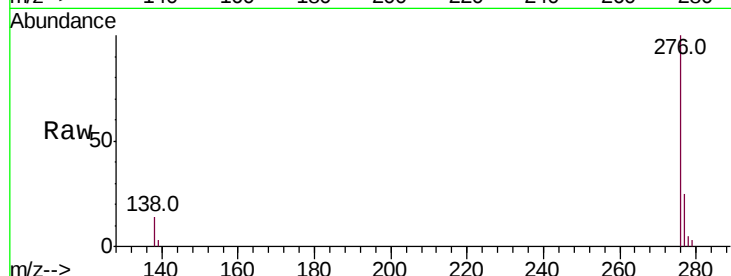
Tot Ion:276 Resp: 8767

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

