

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100099.D
 Acq On : 20 Jun 2019 1:51
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jun 20 03:21:06 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 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	704	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2504	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1962	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	6414	0.40	ng	0.00
27) Chrysene-d12	21.34	240	8955	0.40	ng	0.00
34) Perylene-d12	23.85	264	10106	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	814	0.56	ng	0.00
5) Phenol-d6	6.92	99	962	0.48	ng	-0.01
8) Nitrobenzene-d5	8.90	82	1023	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.15	152	1906	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	561	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	3223	0.42	ng	-0.01
25) Fluoranthene-d10	19.20	212	36307	0.40	ng	0.00
29) Terphenyl-d14	19.80	244	7891	0.44	ng	0.00

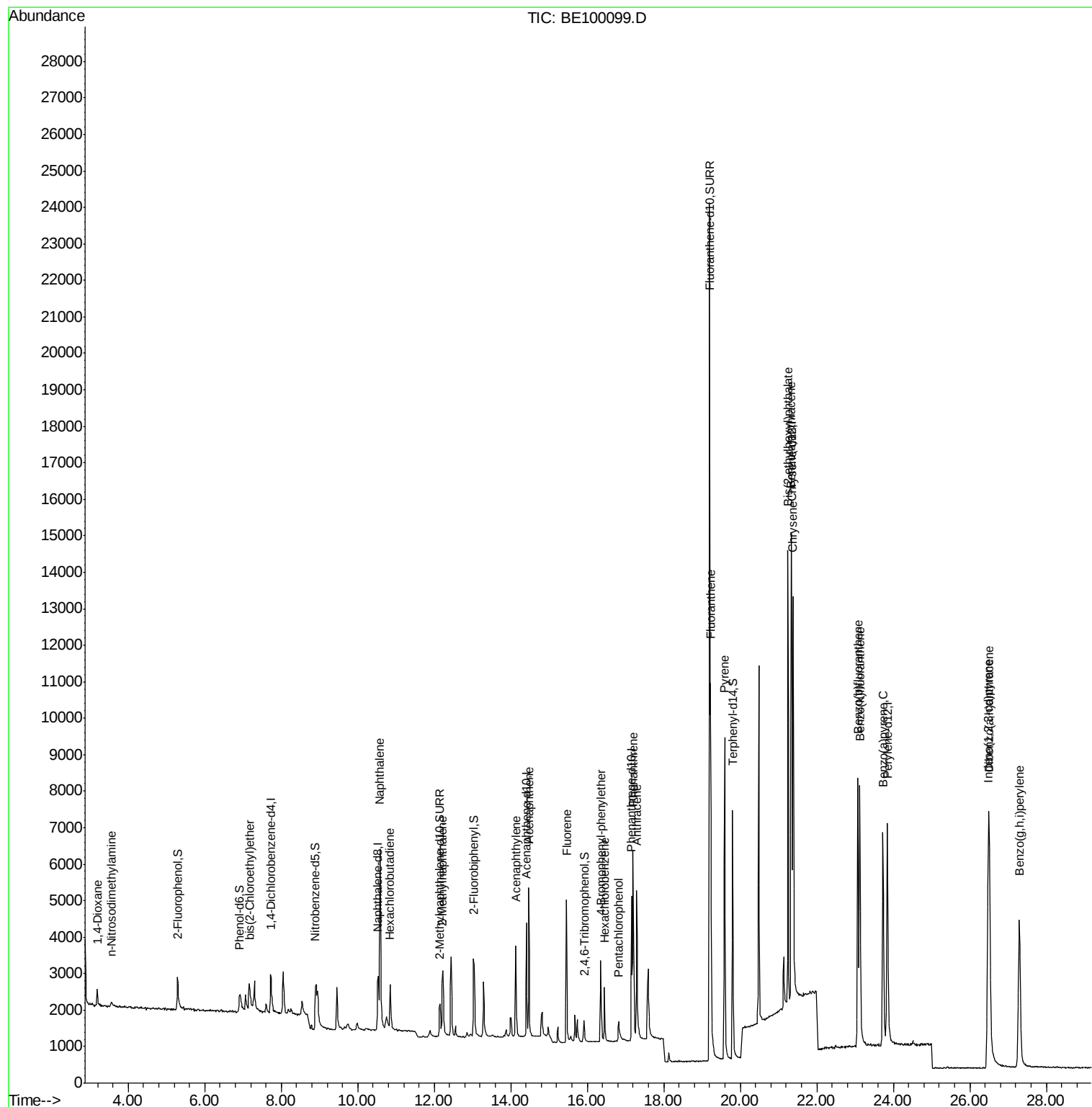
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	422	0.374	ng	91
3) n-Nitrosodimethylamine	3.57	42	130	0.517	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	754	0.398	ng	# 74
9) Naphthalene	10.58	128	11008	0.405	ng	99
10) Hexachlorobutadiene	10.85	225	990	0.370	ng	98
12) 2-Methylnaphthalene	12.22	142	1864	0.417	ng	96
16) Acenaphthylene	14.14	152	3714	0.399	ng	98
17) Acenaphthene	14.47	154	2116	0.406	ng	96
18) Fluorene	15.46	166	3153	0.407	ng	99
20) 4-Bromophenyl-phenylether	16.36	248	1511	0.396	ng	# 92
21) Hexachlorobenzene	16.46	284	1607	0.382	ng	97
22) Pentachlorophenol	16.83	266	488	0.599	ng	90
23) Phenanthrene	17.20	178	5914	0.385	ng	98
24) Anthracene	17.29	178	5365	0.414	ng	98
26) Fluoranthene	19.22	202	9733	0.395	ng	100
28) Pyrene	19.59	202	10005	0.435	ng	100
30) Benzo(a)anthracene	21.33	228	11038	0.414	ng	100
31) Chrysene	21.38	228	12273	0.396	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	14612	0.581	ng	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	13932	0.400	ng	# 99
35) Benzo(b)fluoranthene	23.07	252	10955	0.369	ng	97
36) Benzo(k)fluoranthene	23.13	252	12239	0.363	ng	98
37) Benzo(a)pyrene	23.73	252	10925	0.382	ng	98
38) Dibenzo(a,h)anthracene	26.51	278	10898	0.371	ng	99
39) Benzo(g,h,i)perylene	27.29	276	11471	0.376	ng	99

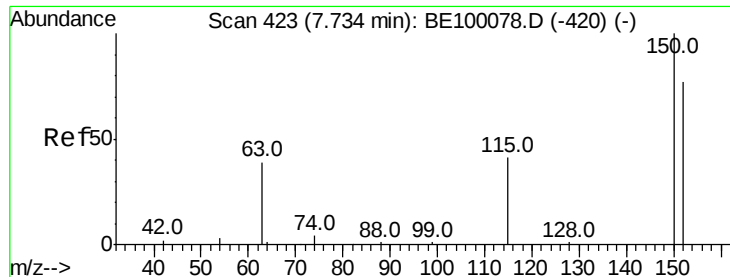
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 03:21:06 2019
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QLast Update : Wed Jun 19 15:07:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

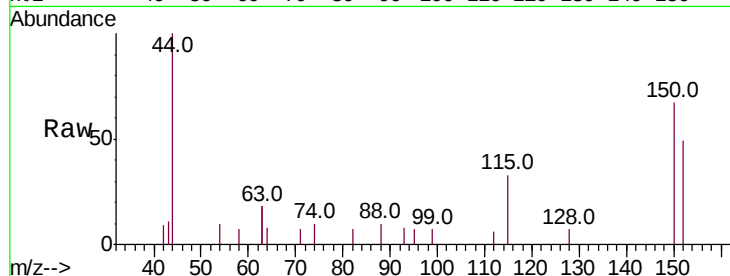
Tot Ion:152 Resp: 704

Ion Ratio Lower Upper

152 100

150 137.1 99.8 149.8

115 68.1 51.3 76.9

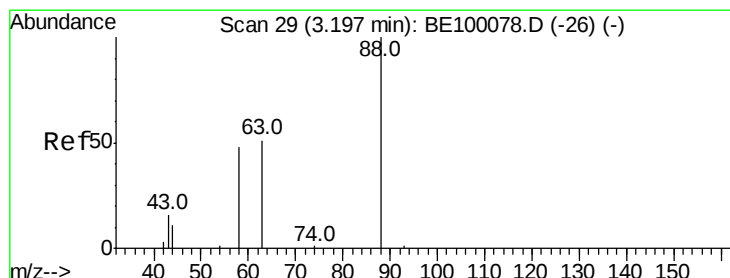
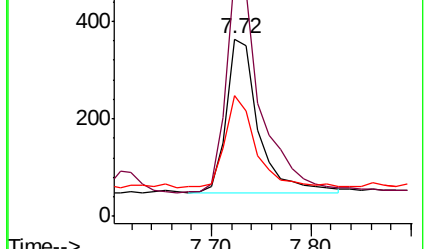
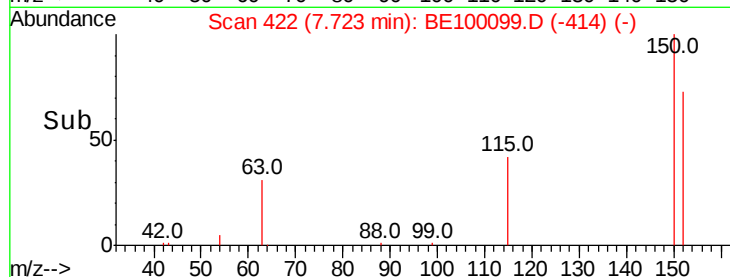


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.374 ng

RT: 3.20 min Scan# 29

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

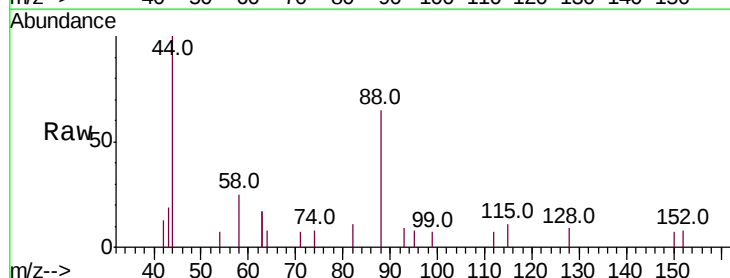
Tgt Ion: 88 Resp: 422

Ion Ratio Lower Upper

88 100

58 54.7 51.1 76.7

43 27.7 21.7 32.5

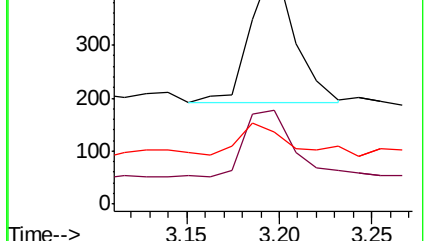
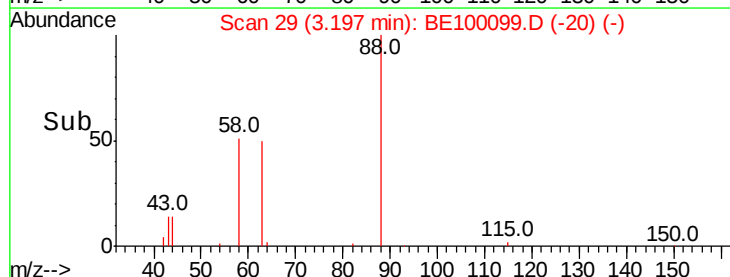


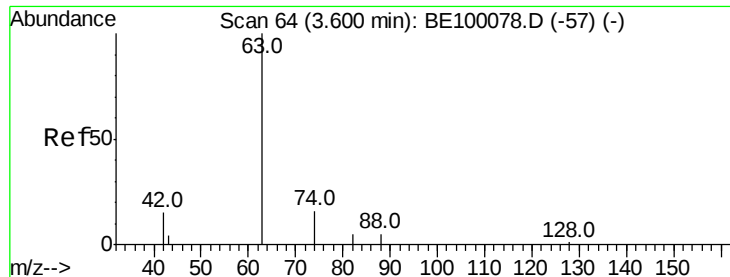
Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1

Time-->

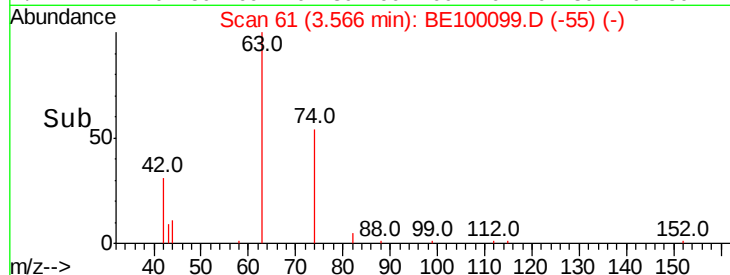
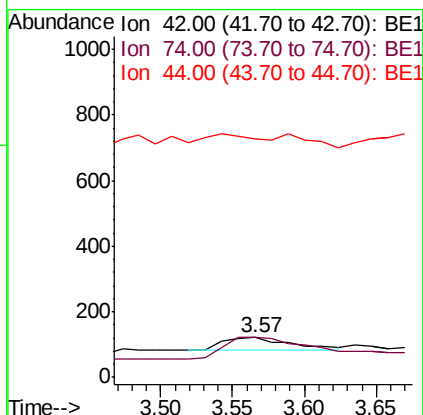
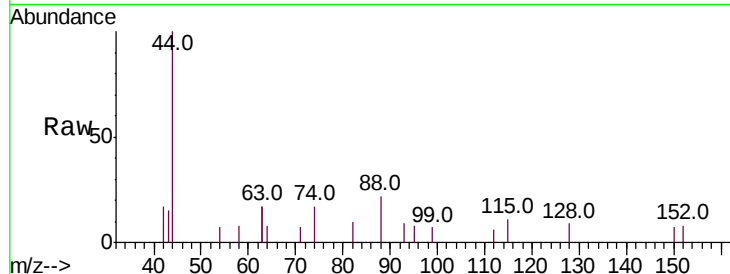




#3
n-Nitrosodimethylamine
Concen: 0.517 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

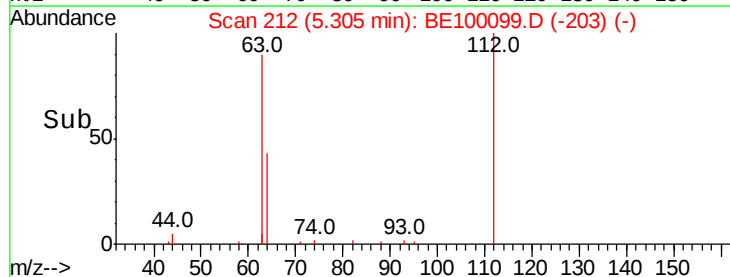
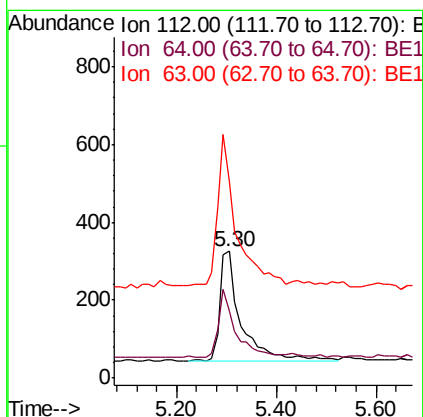
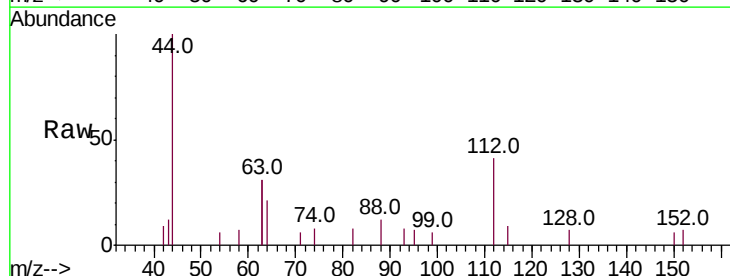
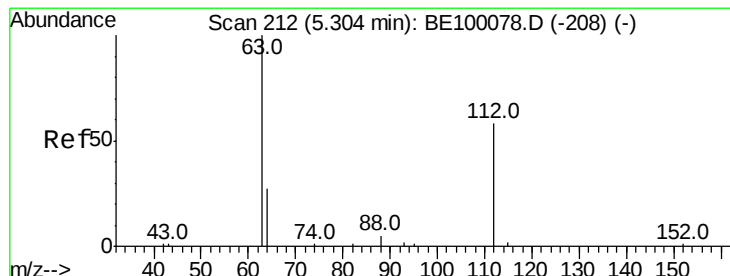
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

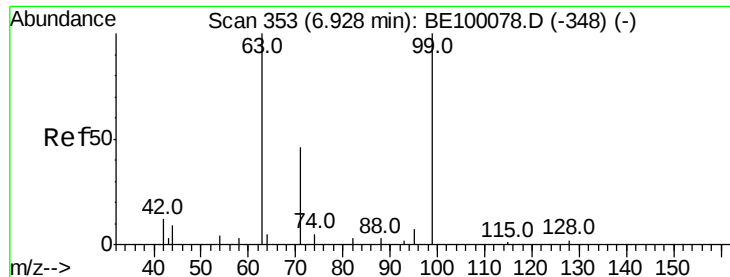
Tot Ion: 42 Resp: 130
Ion Ratio Lower Upper
42 100
74 228.5 0.0 0.0#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.557 ng
RT: 5.30 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Tgt Ion: 112 Resp: 814
Ion Ratio Lower Upper
112 100
64 54.1 22.0 33.0#
63 122.1 121.8 182.6





#5

Phenol-d6

Concen: 0.480 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

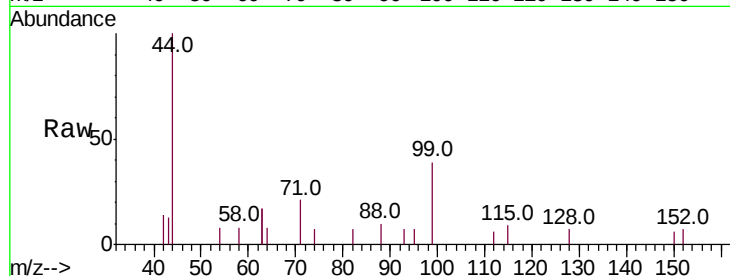
Tot Ion: 99 Resp: 962

Ion Ratio Lower Upper

99 100

42 16.6 0.0 0.0#

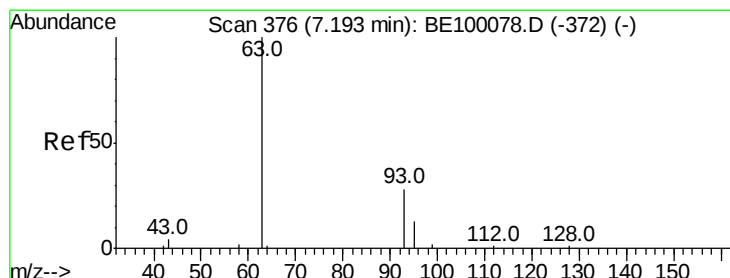
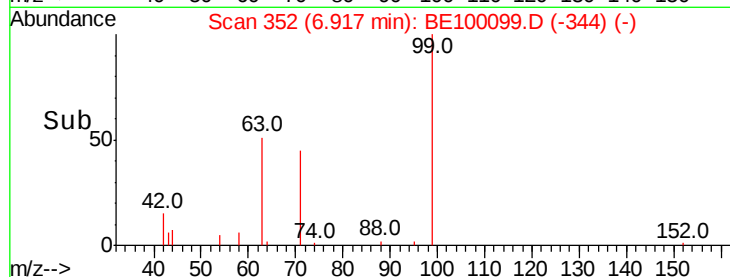
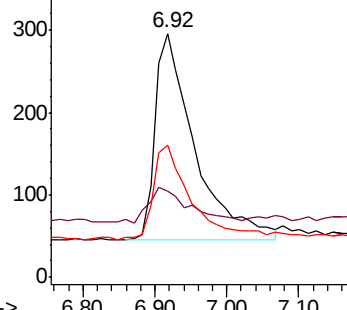
71 45.9 37.6 56.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

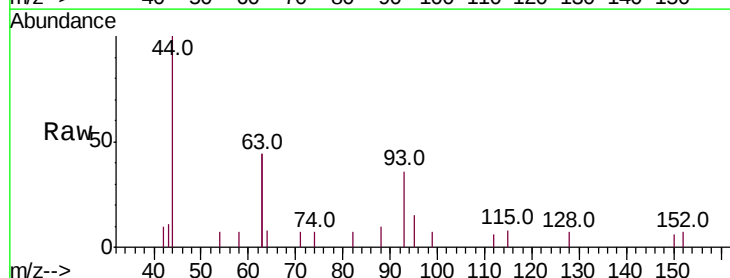
Tgt Ion: 93 Resp: 754

Ion Ratio Lower Upper

93 100

63 199.6 200.0 300.0#

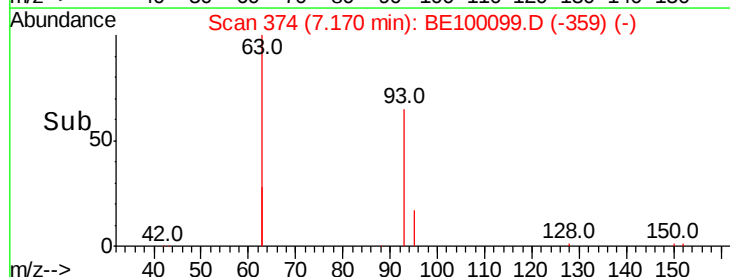
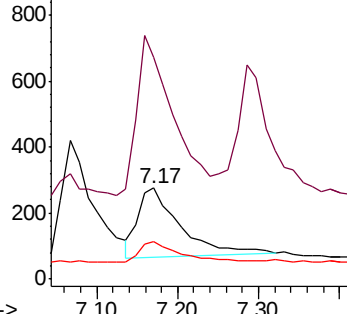
95 28.4 24.0 36.0

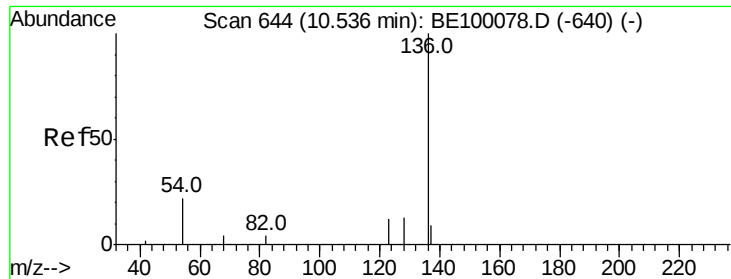


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2504

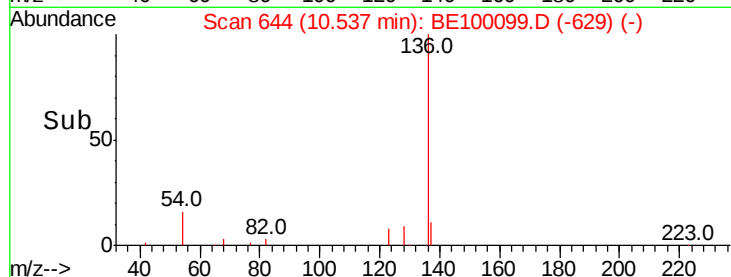
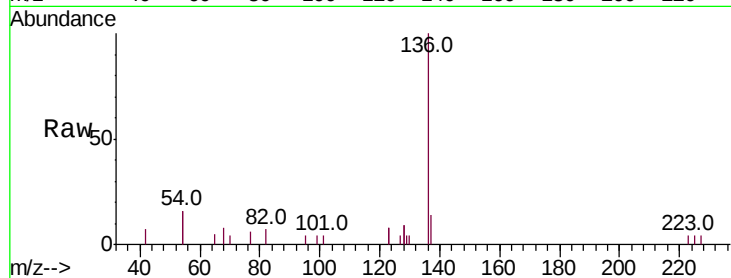
Ion Ratio Lower Upper

136 100

137 14.3 11.6 17.4

54 31.4 33.9 50.9#

68 7.6 7.8 11.8#

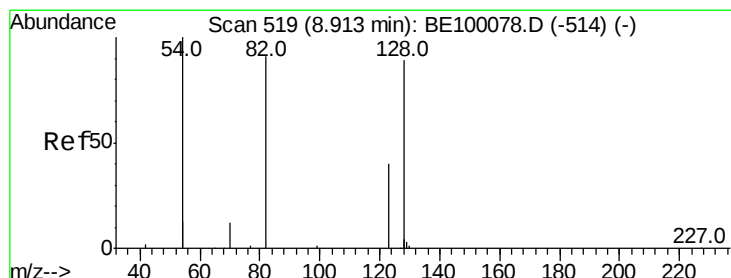
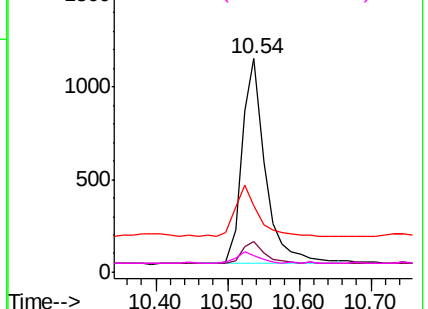


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

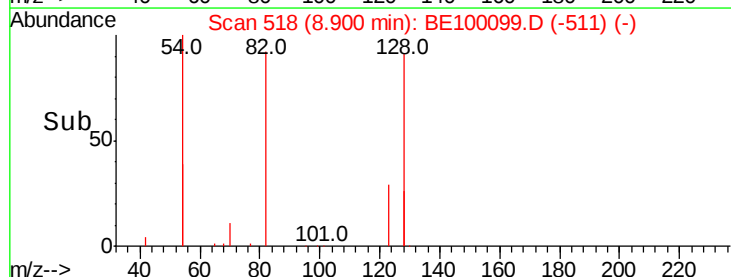
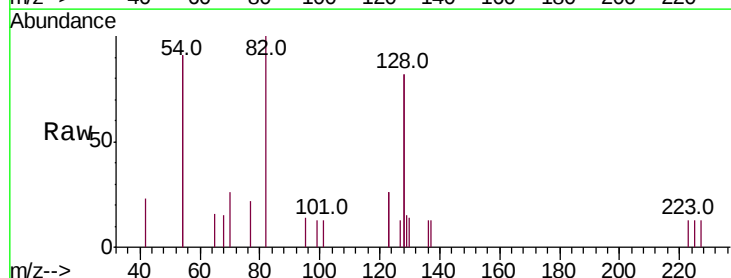
Tgt Ion: 82 Resp: 1023

Ion Ratio Lower Upper

82 100

128 164.9 128.0 192.0

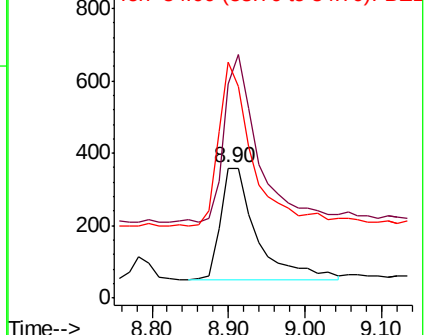
54 181.1 143.4 215.0

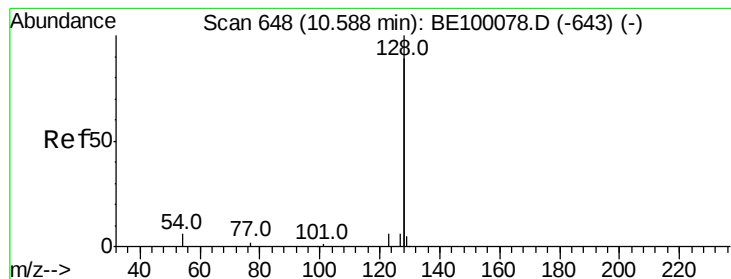


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.405 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

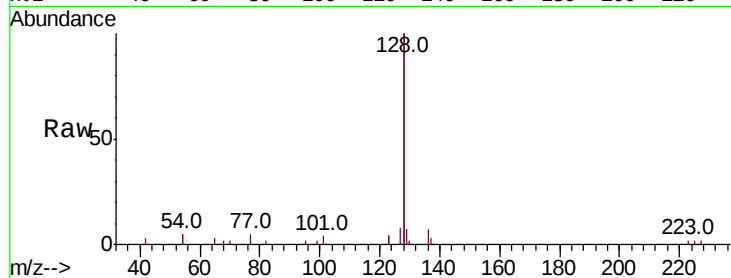
Tot Ion:128 Resp: 11008

Ion Ratio Lower Upper

128 100

129 3.6 3.1 4.7

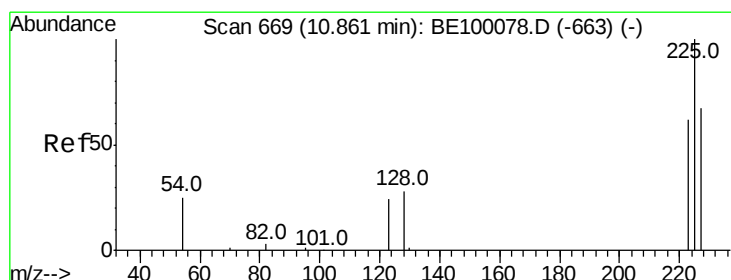
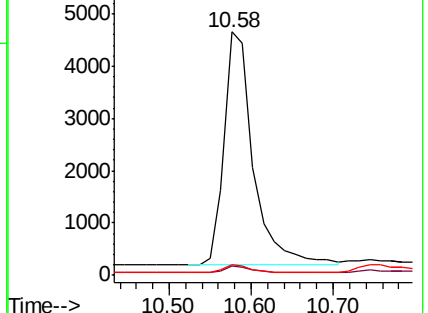
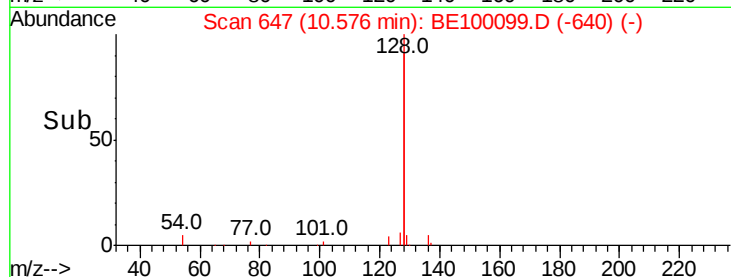
127 4.2 3.4 5.2



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: 0.370 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

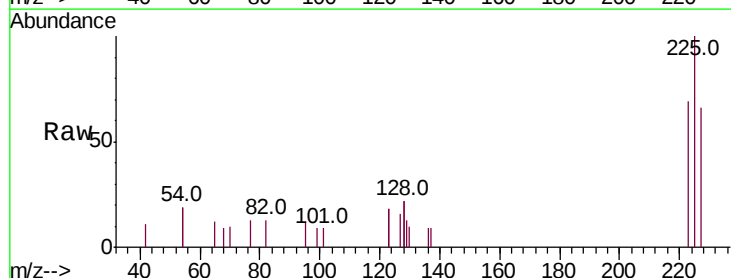
Tgt Ion:225 Resp: 990

Ion Ratio Lower Upper

225 100

223 62.4 52.2 78.4

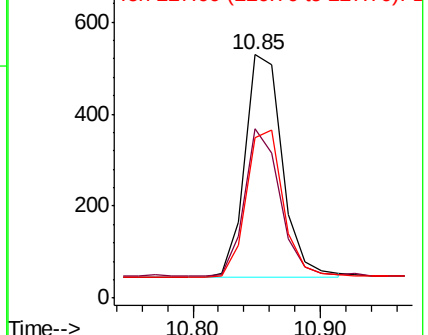
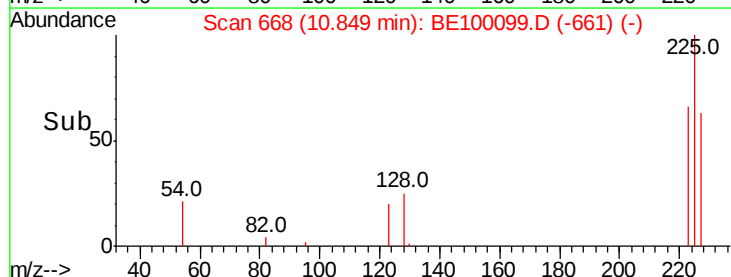
227 65.3 53.0 79.6

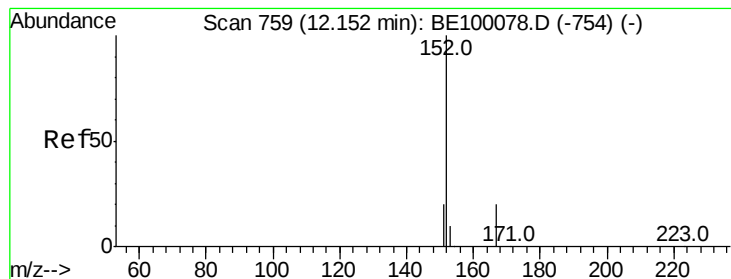


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

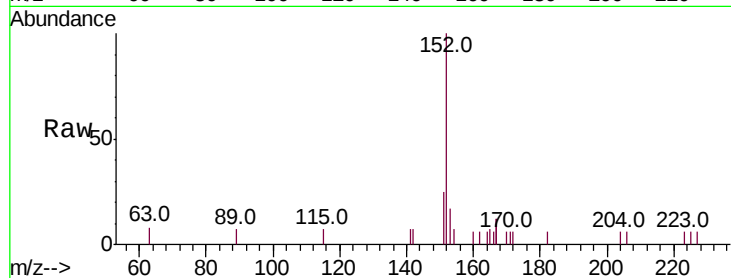
SSTDCCC0.4EC

Tot Ion:152 Resp: 1906

Ion Ratio Lower Upper

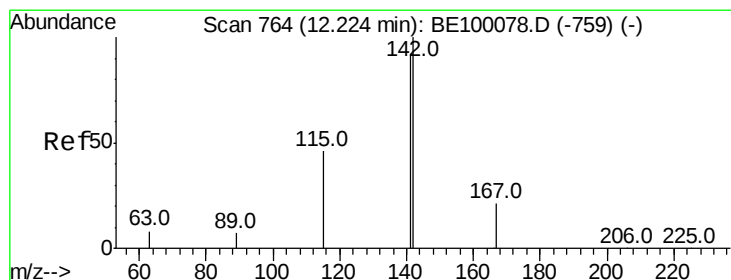
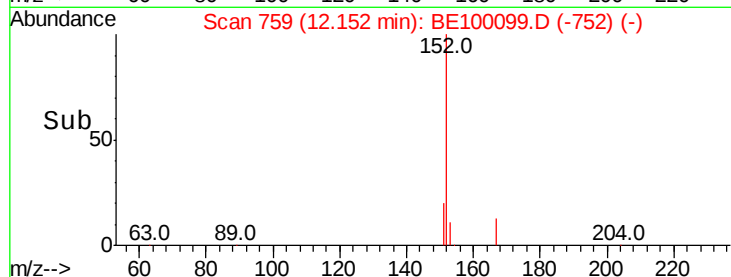
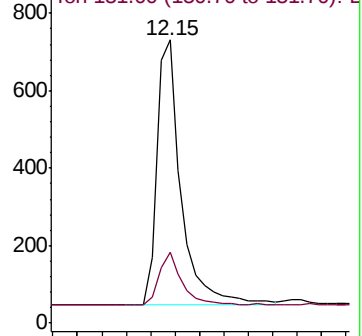
152 100

151 18.9 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: 0.417 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

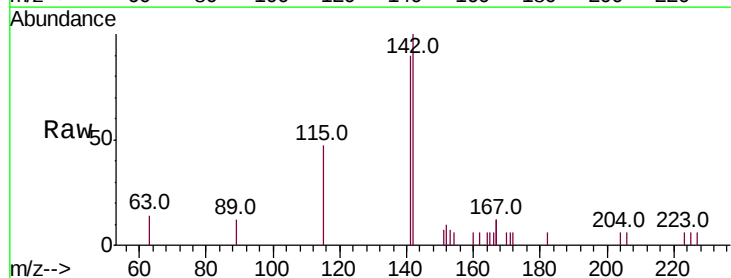
Tgt Ion:142 Resp: 1864

Ion Ratio Lower Upper

142 100

141 89.8 74.1 111.1

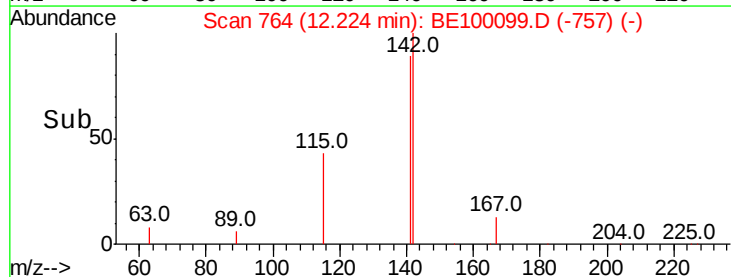
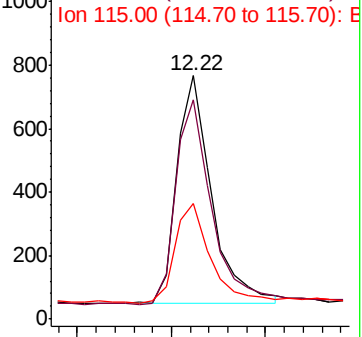
115 47.3 40.9 61.3

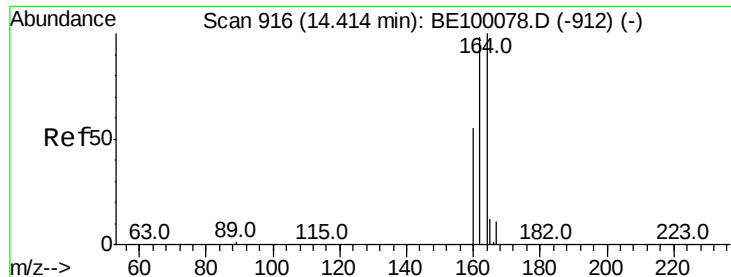


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

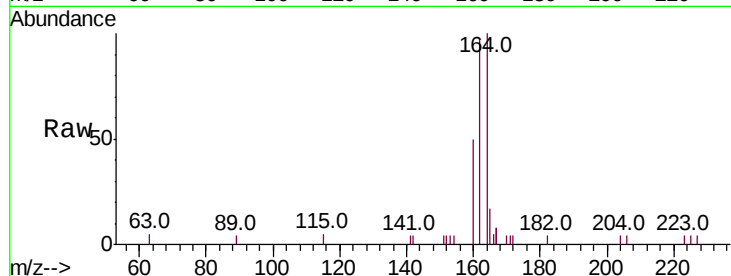
Tot Ion:164 Resp: 1962

Ion Ratio Lower Upper

164 100

162 97.0 78.2 117.2

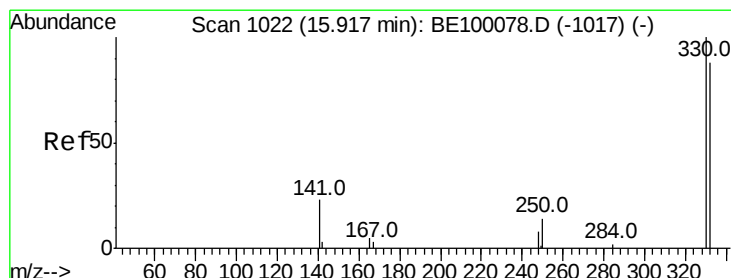
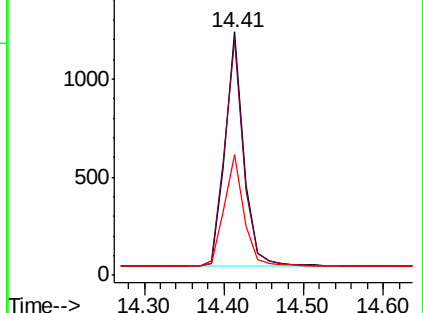
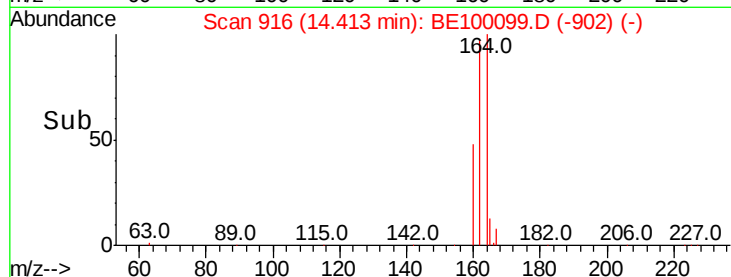
160 49.7 45.6 68.4



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: 0.518 ng

RT: 15.92 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

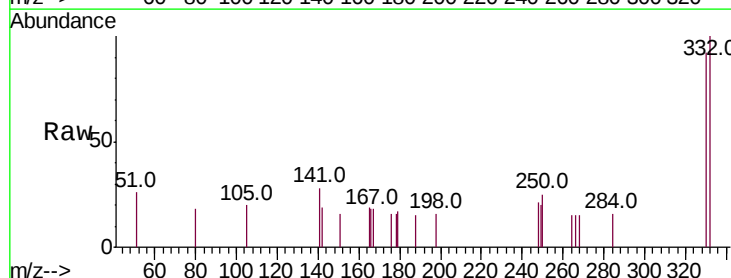
Tgt Ion:330 Resp: 561

Ion Ratio Lower Upper

330 100

332 95.5 73.3 109.9

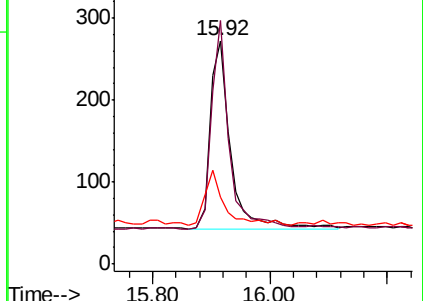
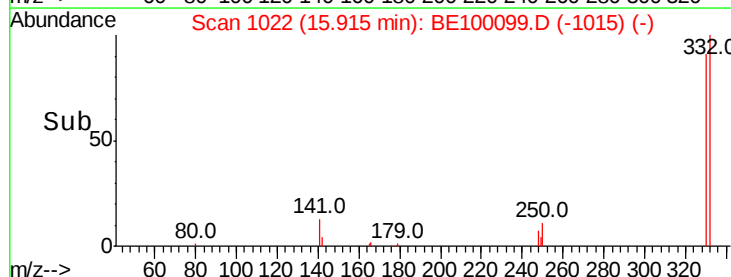
141 26.7 22.2 33.2

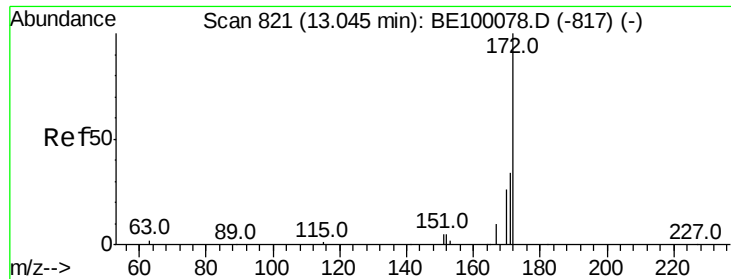


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

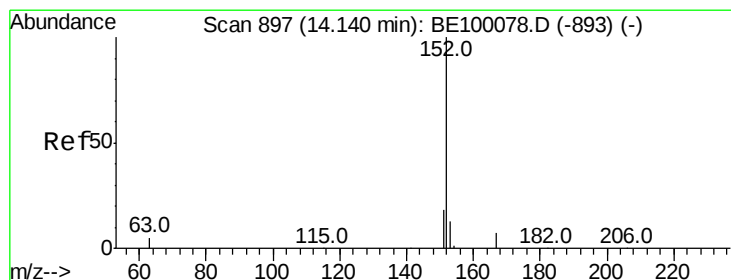
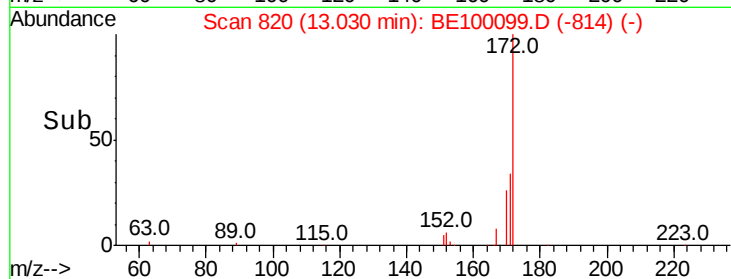
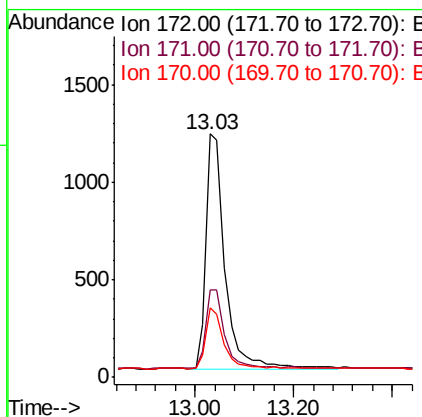
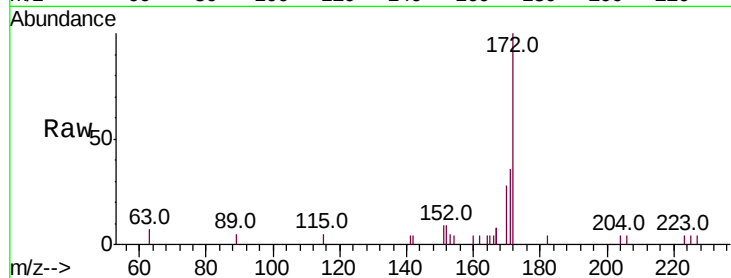




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

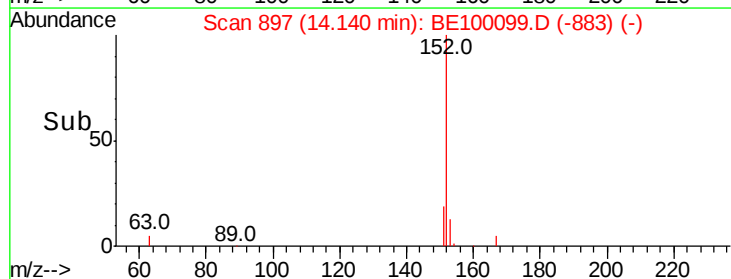
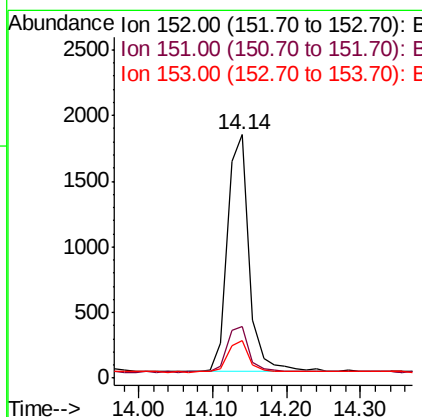
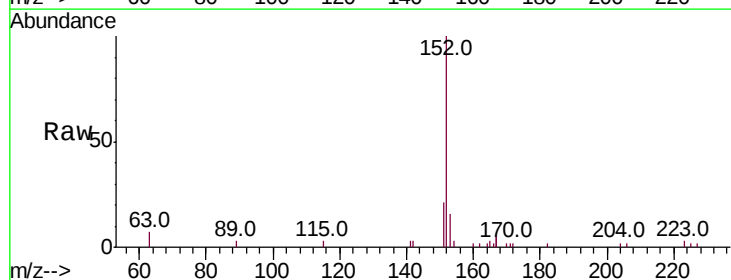
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

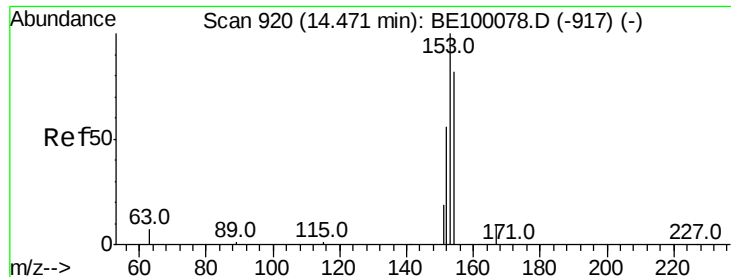
Tot Ion:172 Resp: 3223
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.8
170 28.5 23.2 34.8



#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Tgt Ion:152 Resp: 3714
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 13.3 10.1 15.1





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

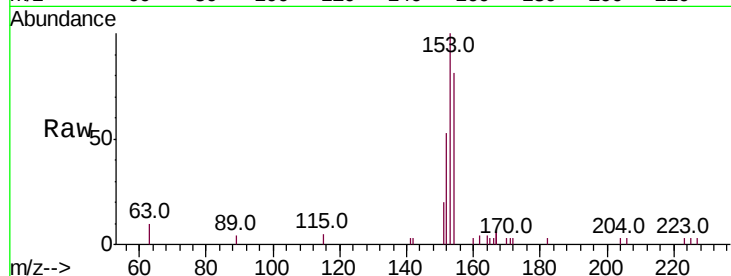
Tot Ion:154 Resp: 2116

Ion Ratio Lower Upper

154 100

153 118.5 95.5 143.3

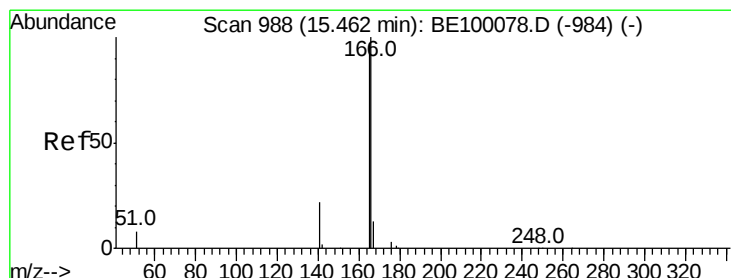
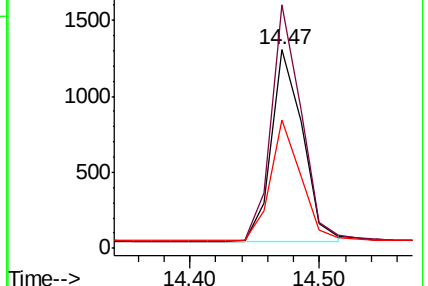
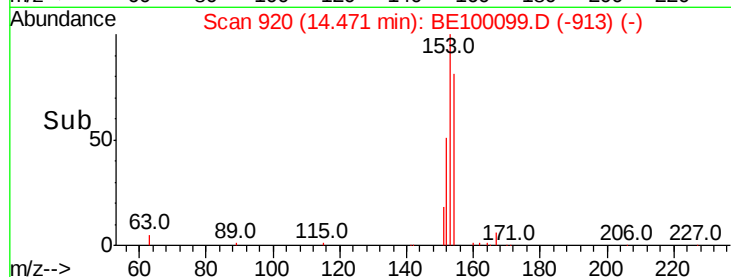
152 61.6 54.9 82.3



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: 0.407 ng

RT: 15.46 min Scan# 988

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

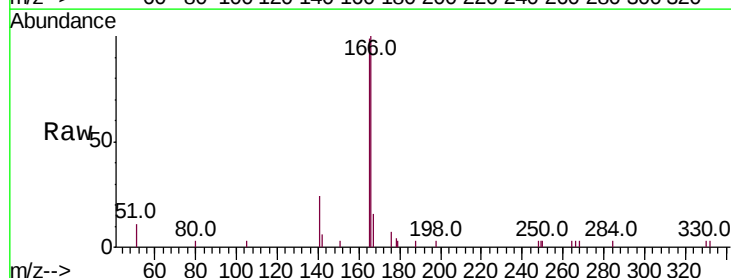
Tgt Ion:166 Resp: 3153

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

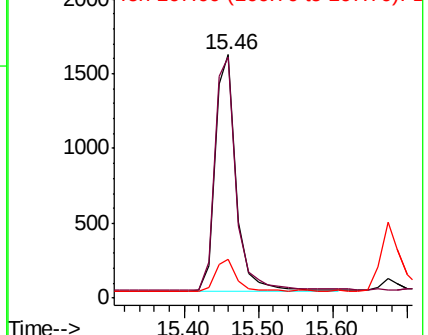
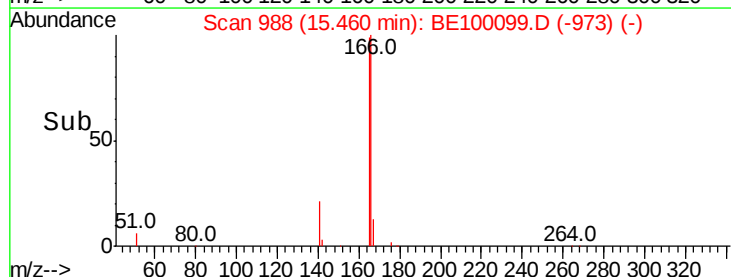
167 13.6 10.2 15.4

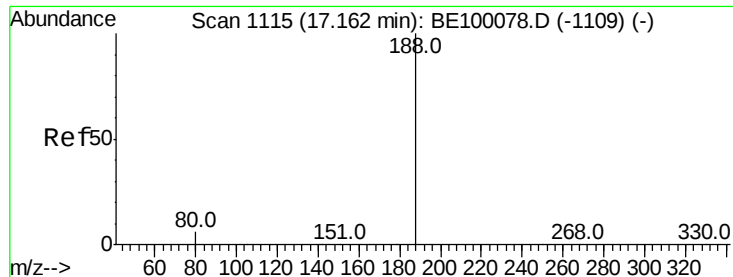


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

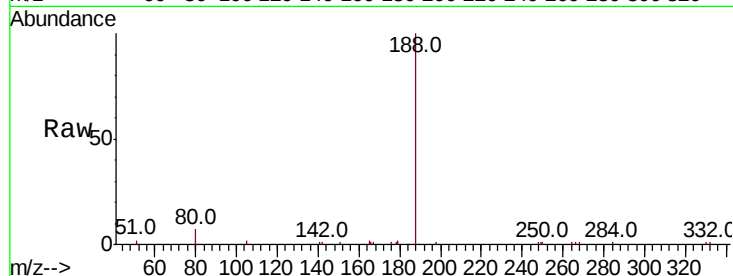
Tot Ion:188 Resp: 6414

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

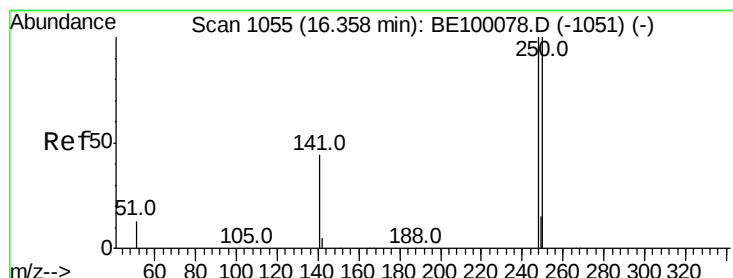
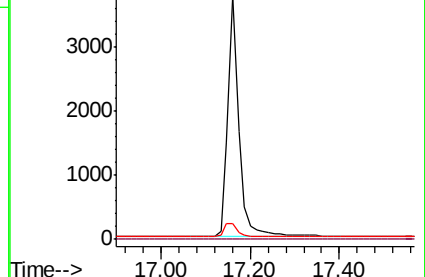
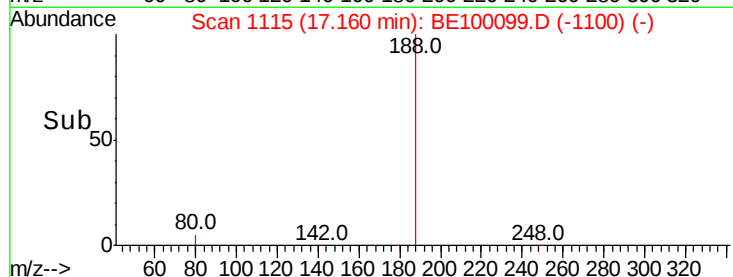
80 6.5 6.3 9.5



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



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

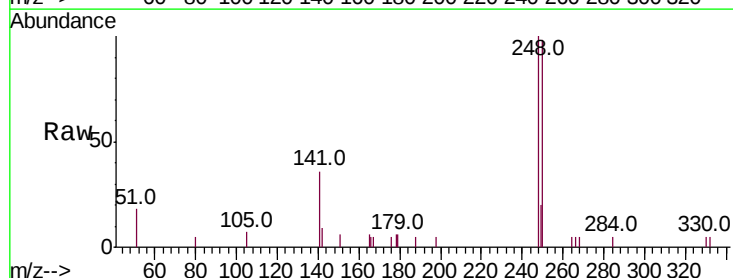
Tgt Ion:248 Resp: 1511

Ion Ratio Lower Upper

248 100

250 98.0 80.6 120.8

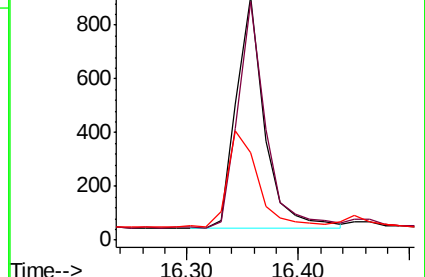
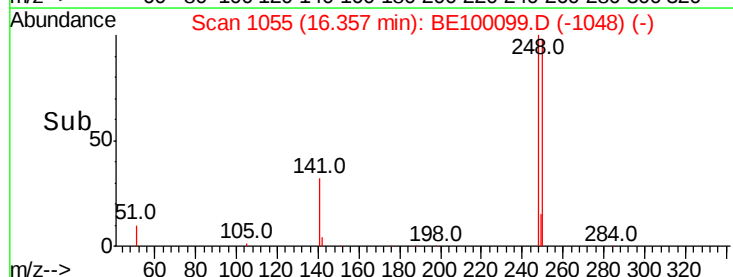
141 36.0 38.8 58.2#

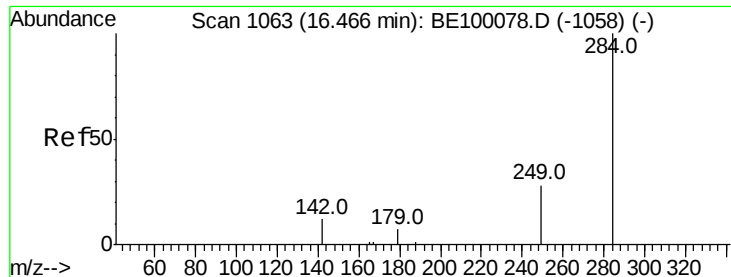


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.382 ng

RT: 16.46 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

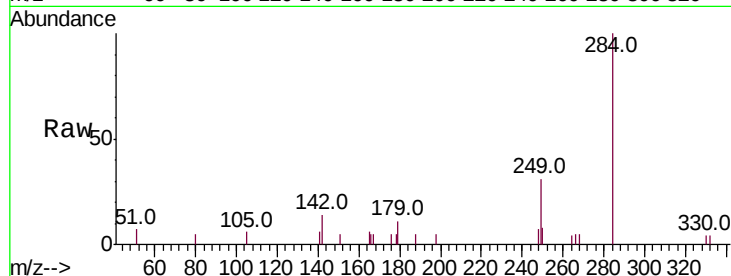
Tot Ion:284 Resp: 1607

Ion Ratio Lower Upper

284 100

142 23.9 20.7 31.1

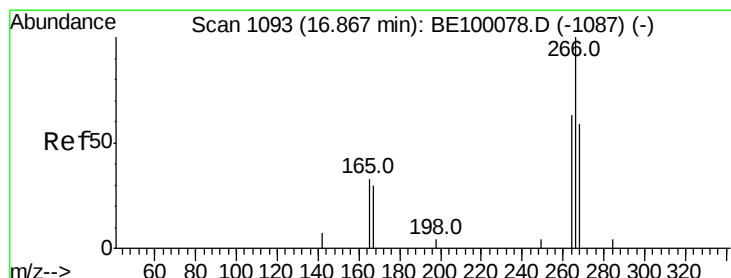
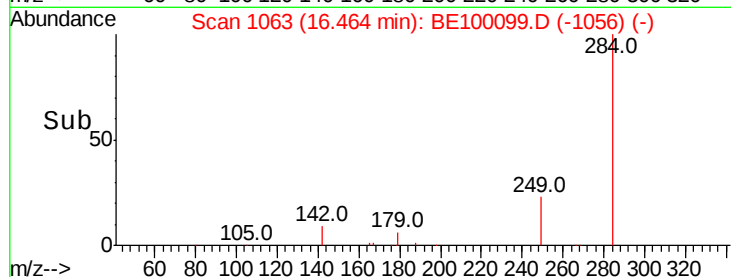
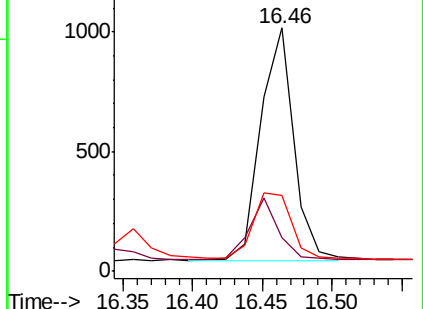
249 32.0 26.6 39.8



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: 0.599 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.04 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

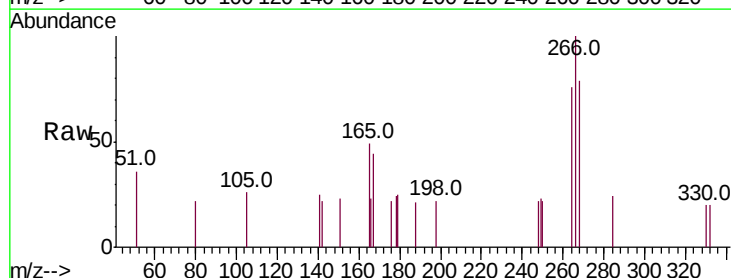
Tgt Ion:266 Resp: 488

Ion Ratio Lower Upper

266 100

264 75.8 67.8 101.6

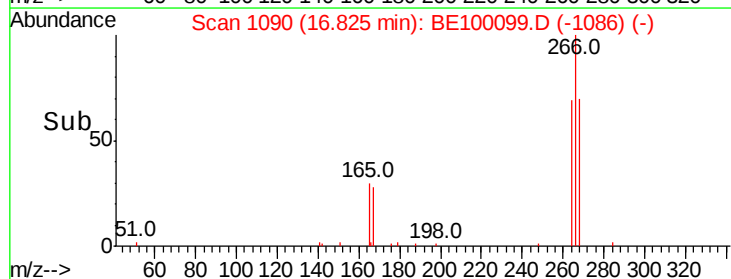
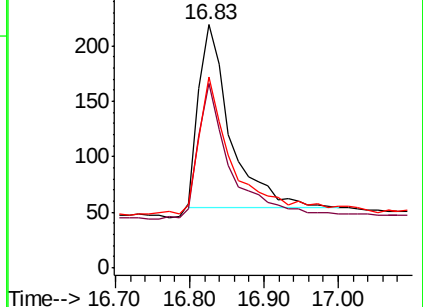
268 78.5 70.0 105.0

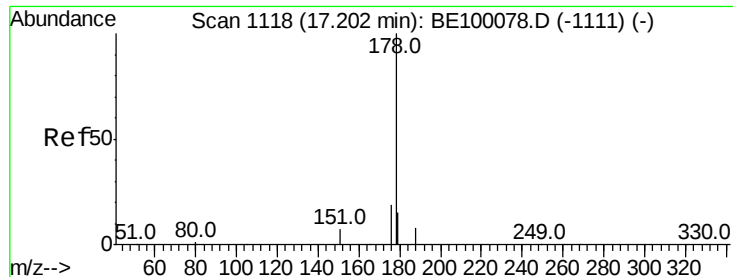


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

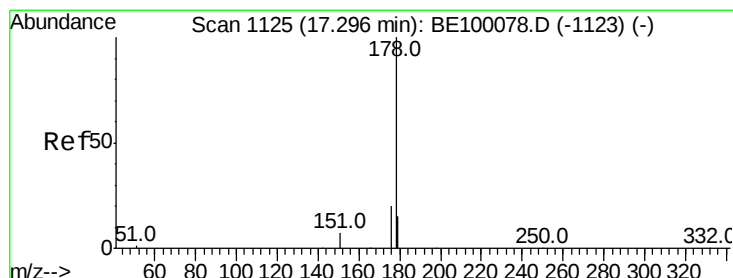
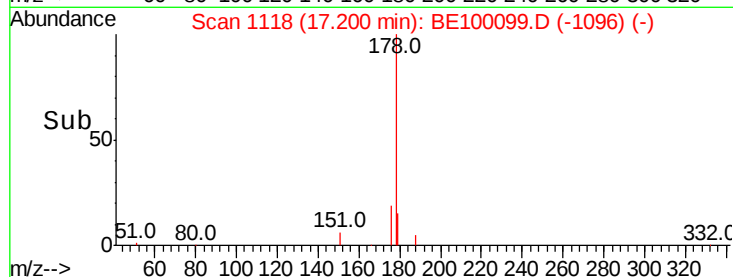
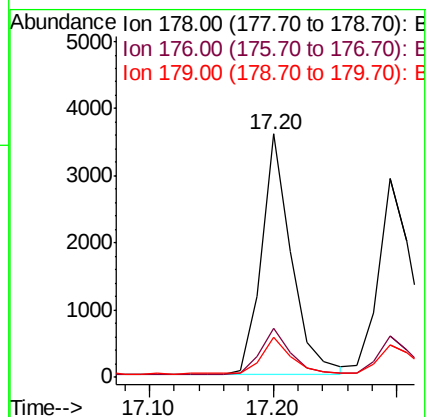
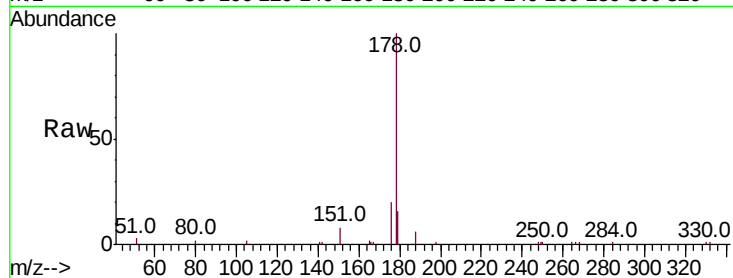
Tot Ion:178 Resp: 5914

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.5 13.1 19.7



#24

Anthracene

Concen: 0.414 ng

RT: 17.29 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

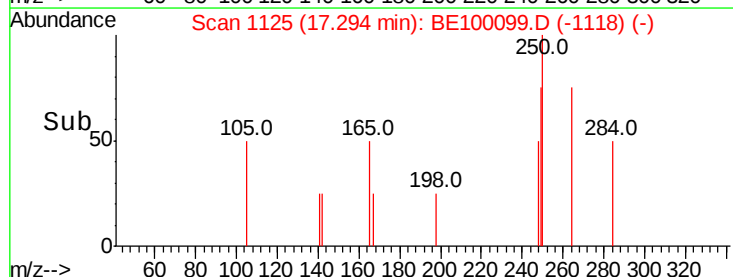
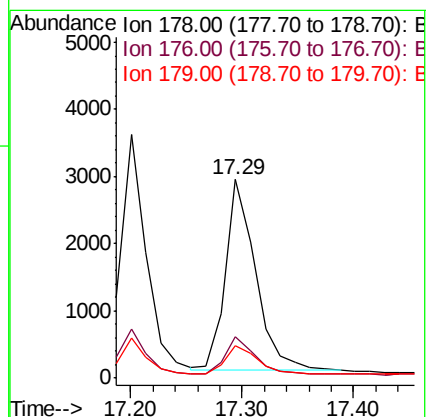
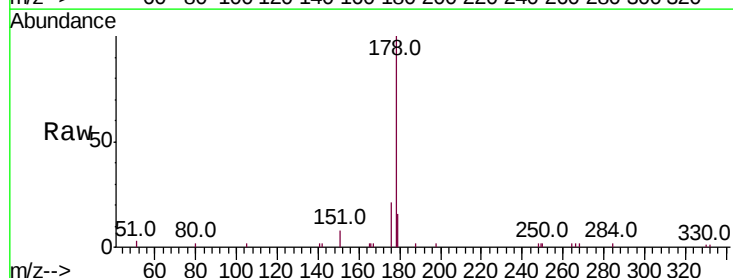
Tgt Ion:178 Resp: 5365

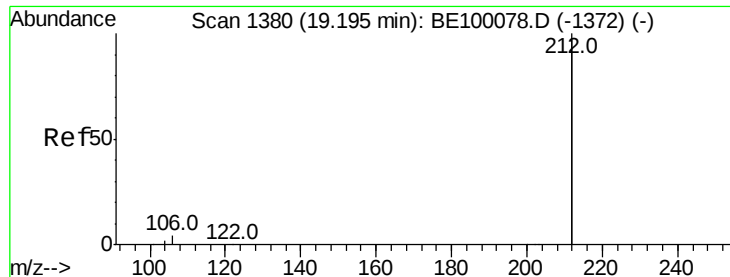
Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

179 15.6 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

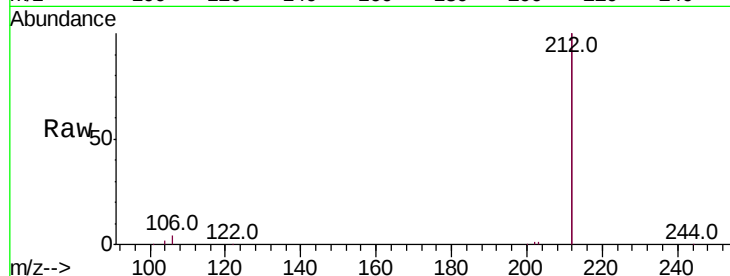
Tot Ion:212 Resp: 36307

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

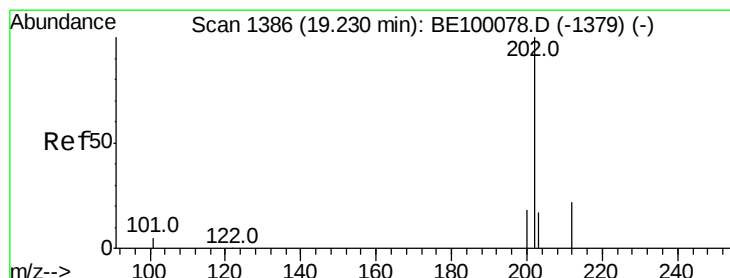
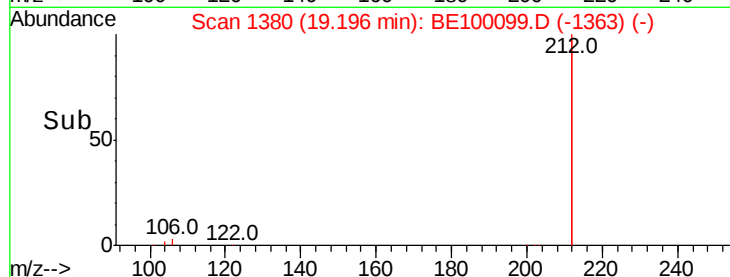
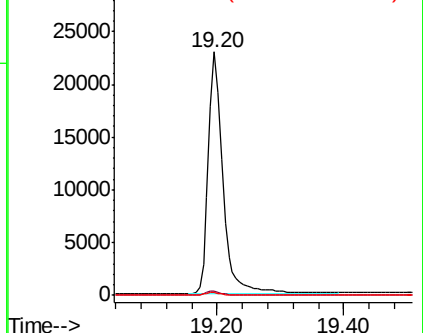
104 1.0 0.8 1.2



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: 0.395 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

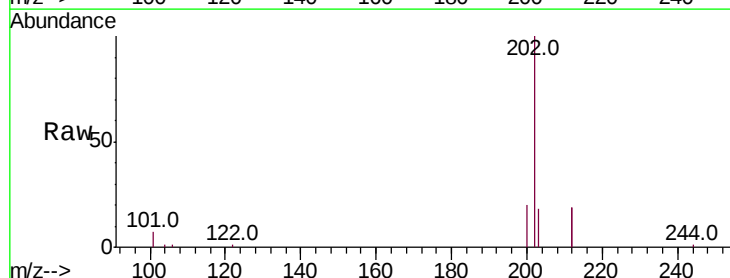
Tgt Ion:202 Resp: 9733

Ion Ratio Lower Upper

202 100

101 6.4 5.0 7.4

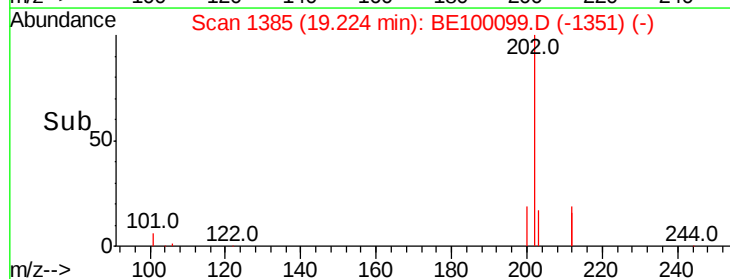
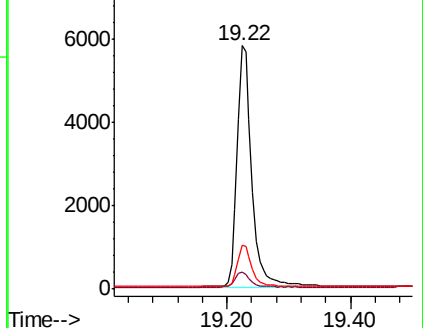
203 17.0 13.7 20.5

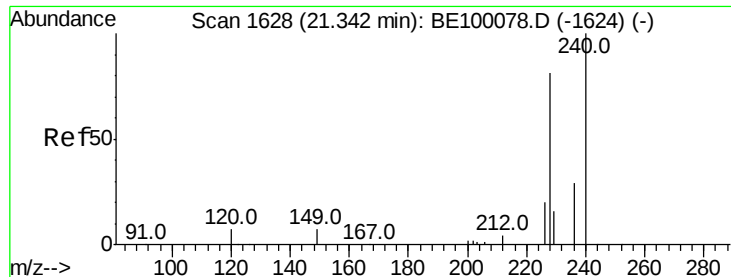


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

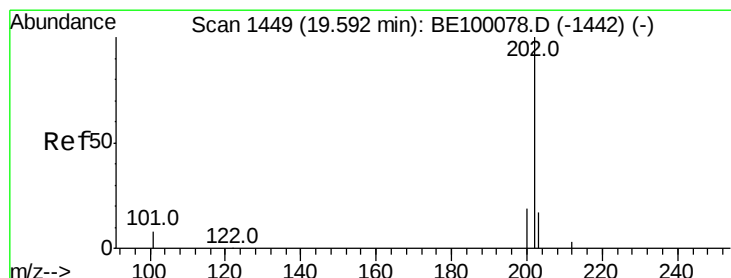
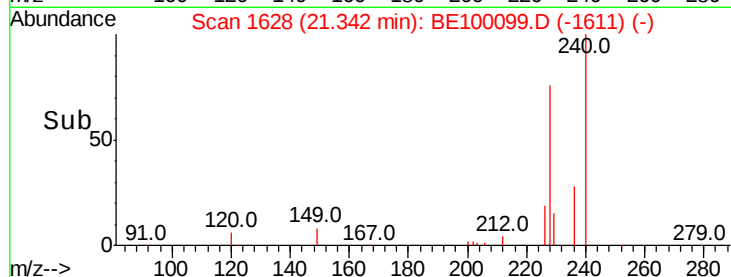
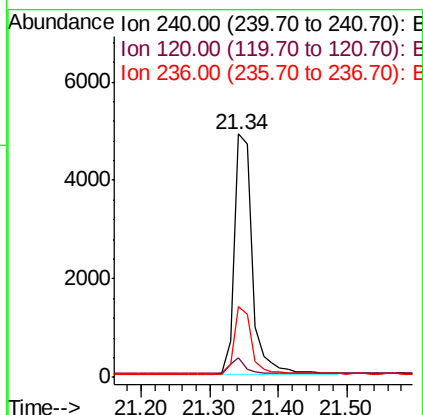
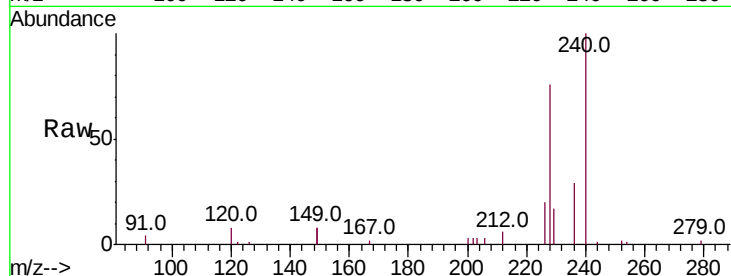




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

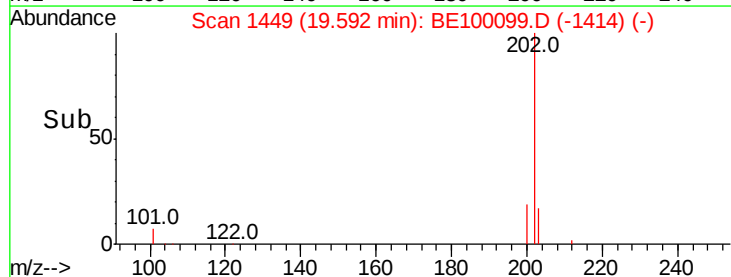
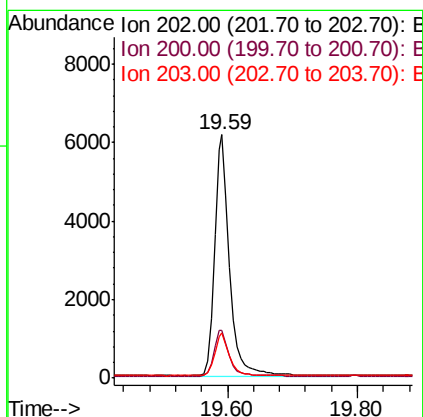
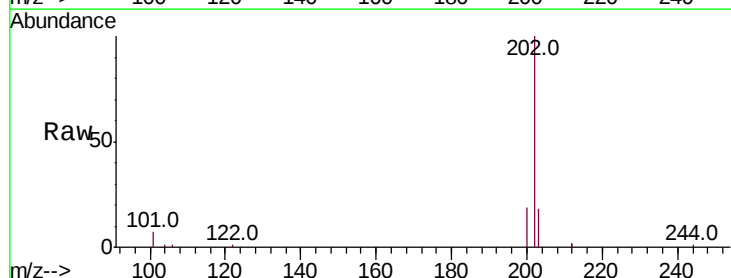
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

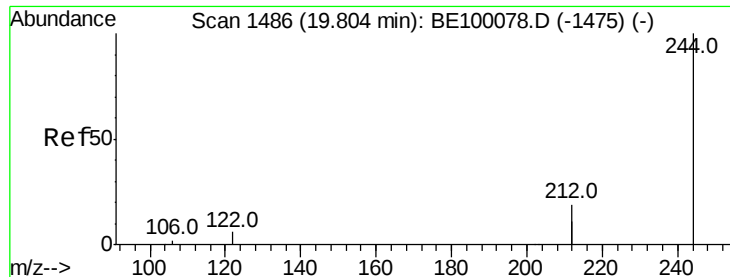
Tot Ion:240 Resp: 8955
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 29.3 23.8 35.6



#28
Pyrene
Concen: 0.435 ng
RT: 19.59 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Tgt Ion:202 Resp: 10005
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

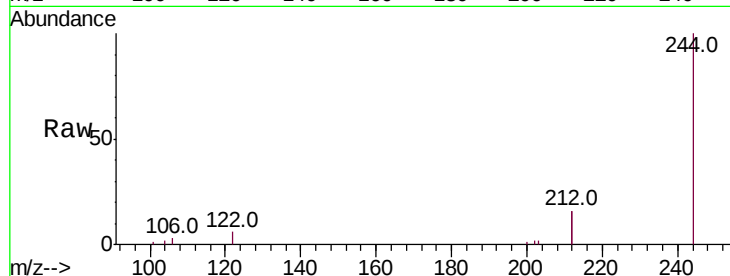
Tot Ion:244 Resp: 7891

Ion Ratio Lower Upper

244 100

212 31.1 29.8 44.8

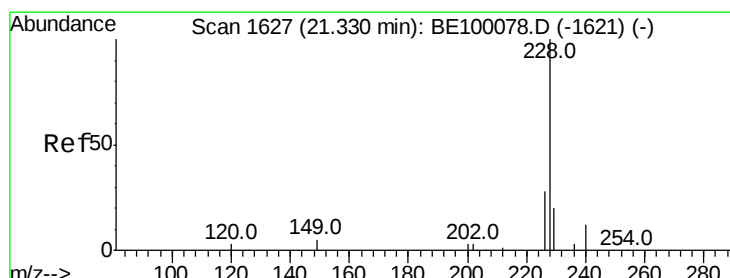
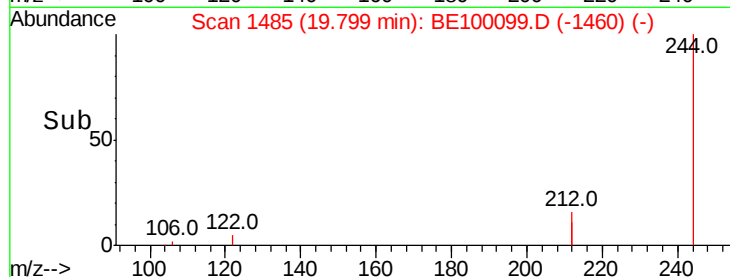
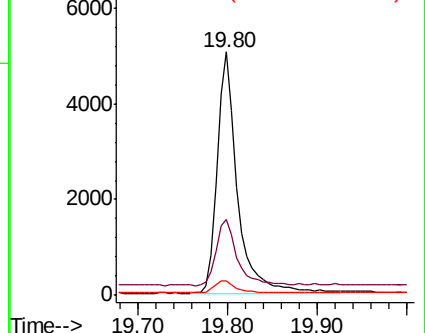
122 6.1 6.1 9.1



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: 0.414 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

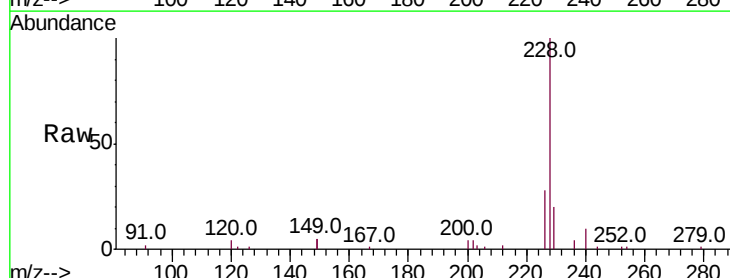
Tgt Ion:228 Resp: 11038

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

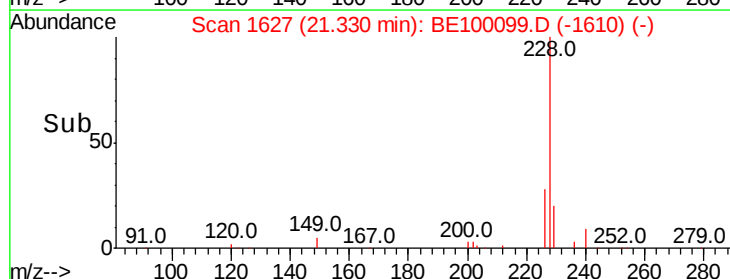
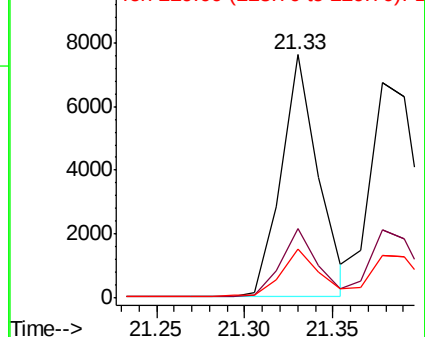
229 20.4 16.4 24.6

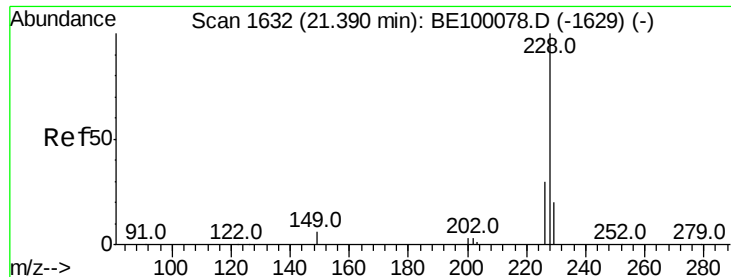


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

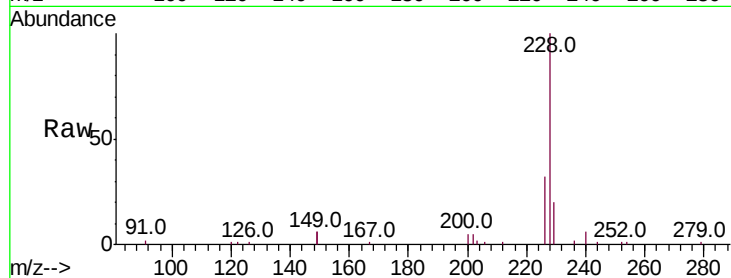
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 12273

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	19.7	16.3	24.5

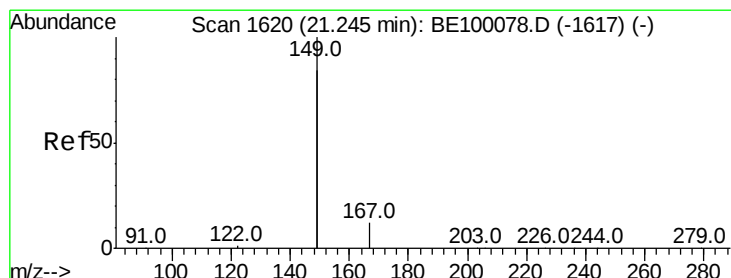
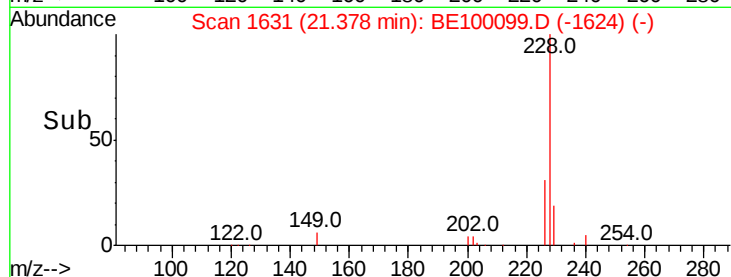
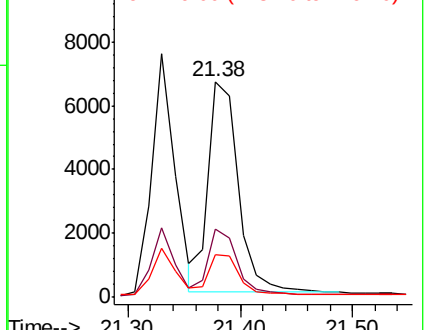


Abundance

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: 0.581 ng

RT: 21.25 min Scan# 1620

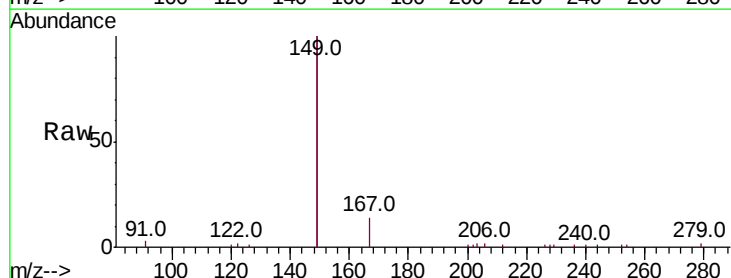
Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Tgt Ion:149 Resp: 14612

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.6	1.1	1.7

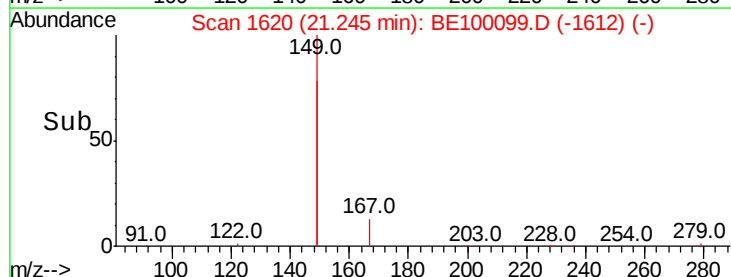
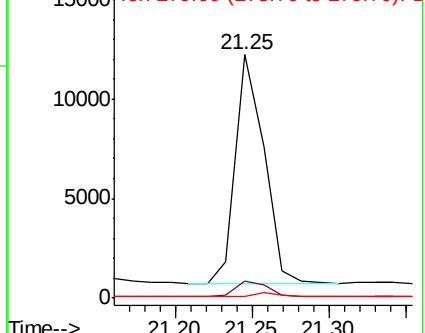


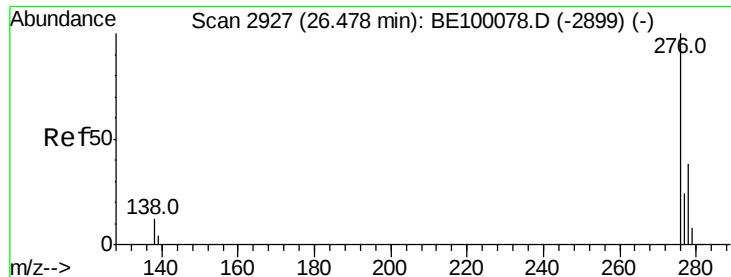
Abundance

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: 0.400 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

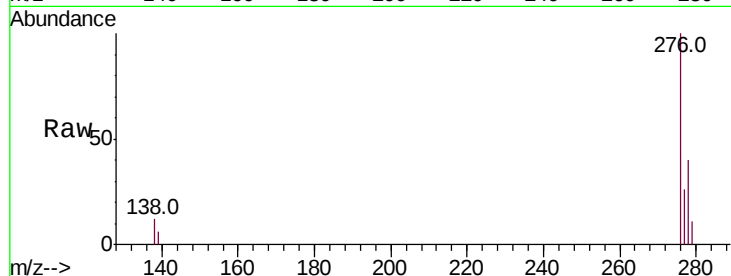
Tot Ion:276 Resp: 13932

Ion Ratio Lower Upper

276 100

138 6.7 4.3 6.5#

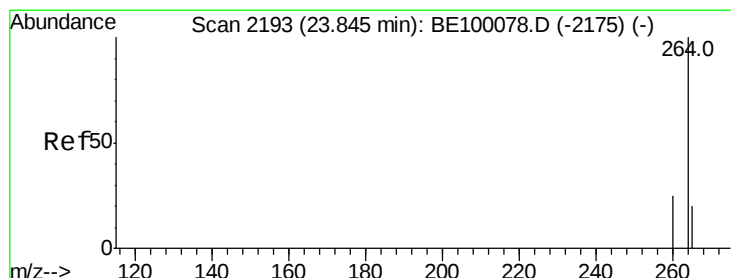
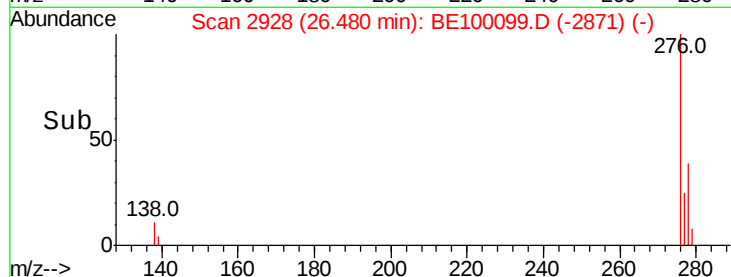
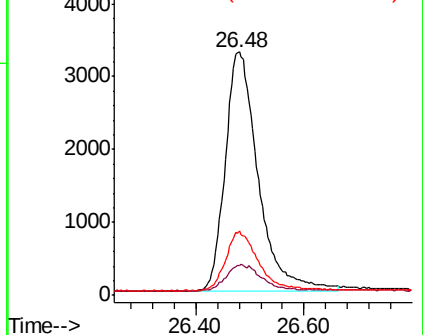
277 24.0 19.4 29.0



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: 23.85 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

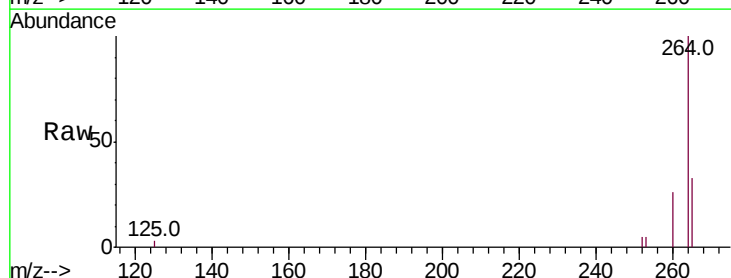
Tgt Ion:264 Resp: 10106

Ion Ratio Lower Upper

264 100

260 25.8 20.8 31.2

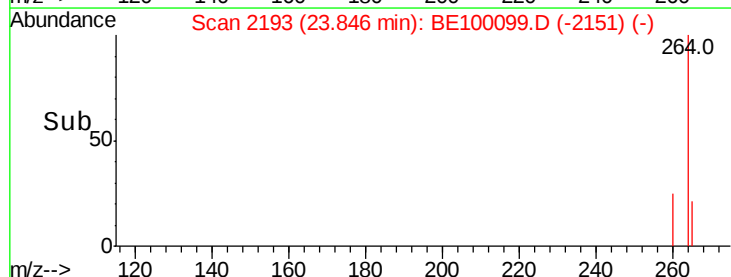
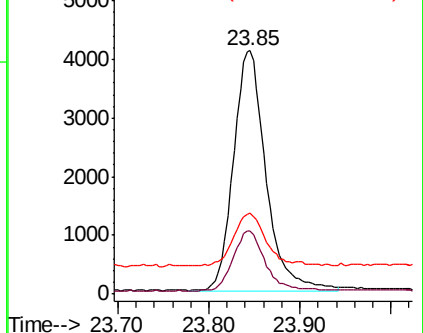
265 33.2 23.2 34.8

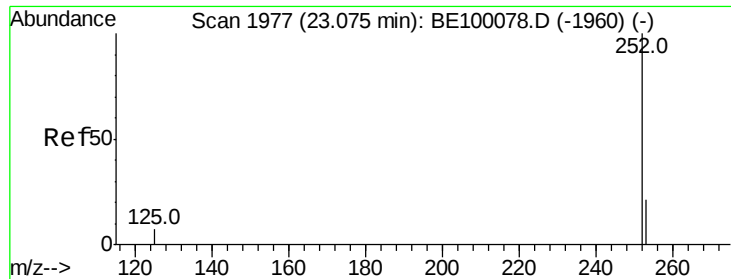


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

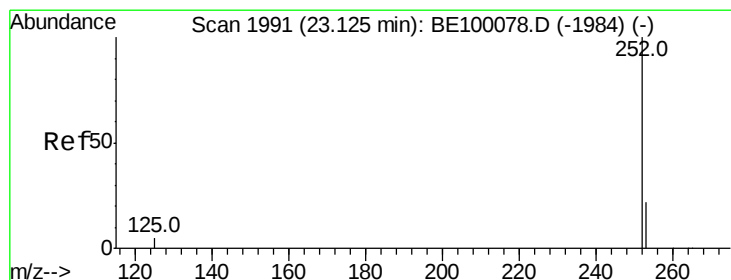
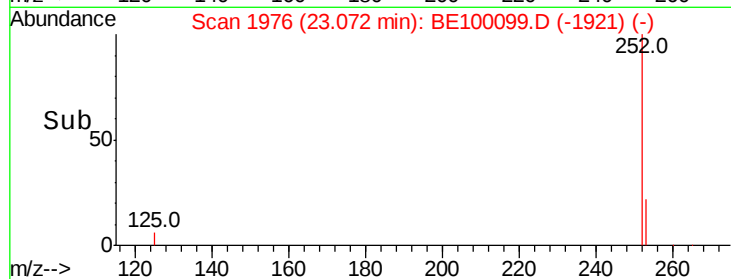
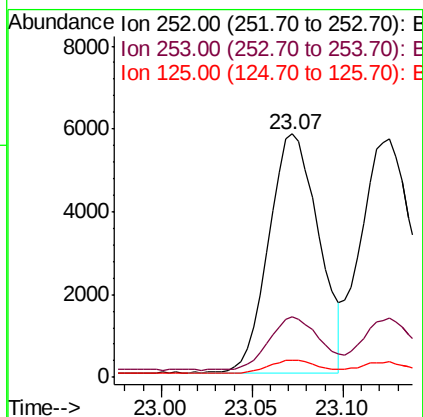
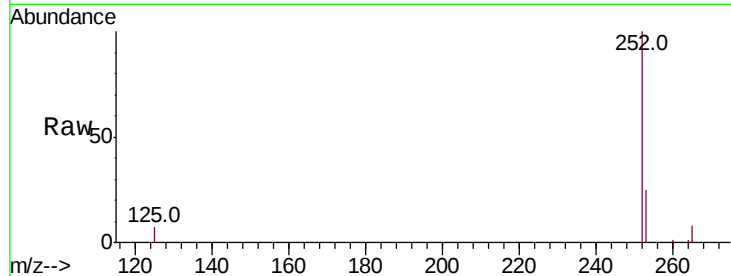




#35
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

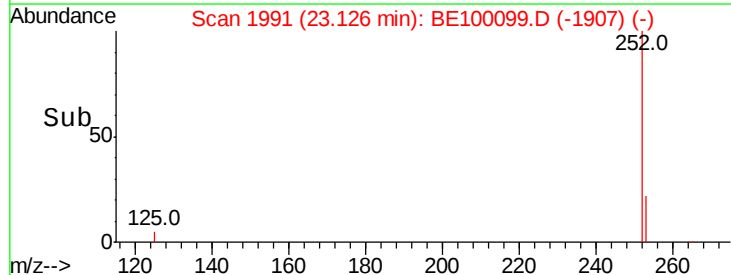
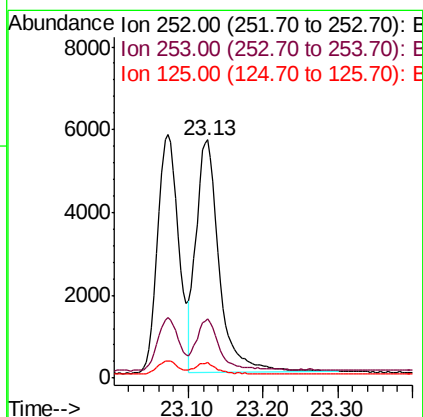
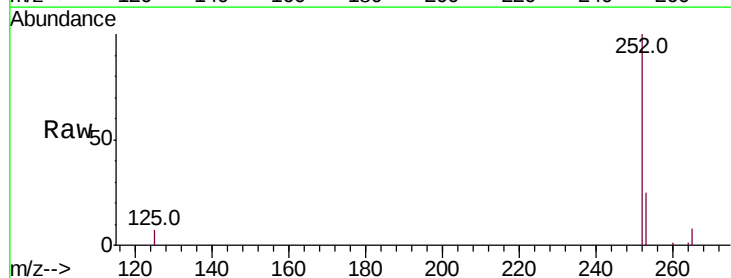
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

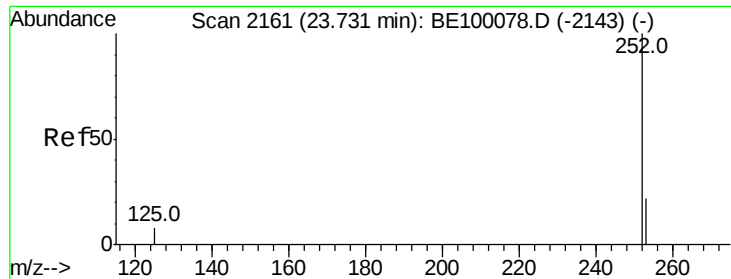
Tot Ion:252 Resp: 10955
Ion Ratio Lower Upper
252 100
253 24.7 18.4 27.6
125 7.2 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Tgt Ion:252 Resp: 12239
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 6.7 5.3 7.9

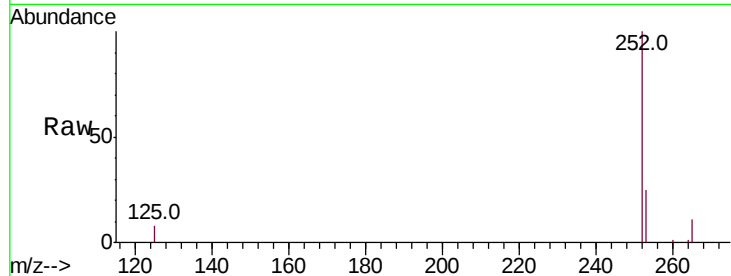




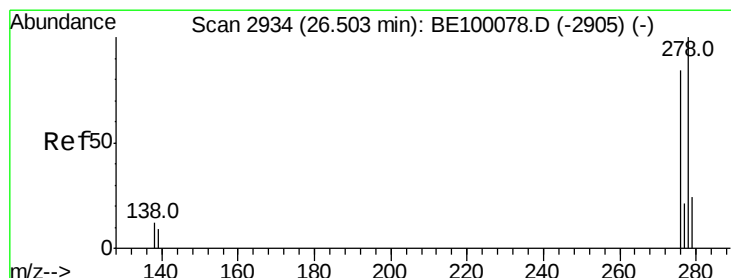
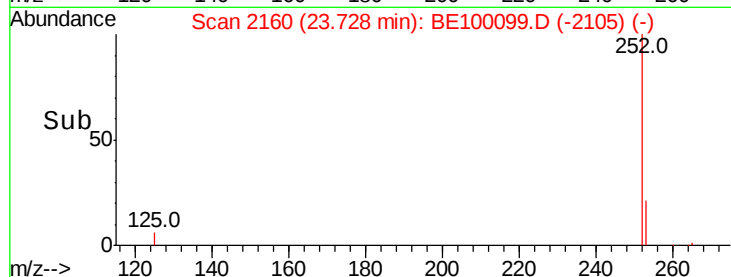
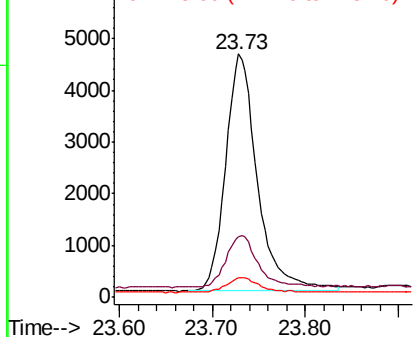
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 10925
Ion Ratio Lower Upper
252 100
253 24.8 19.4 29.2
125 8.1 8.0 12.0

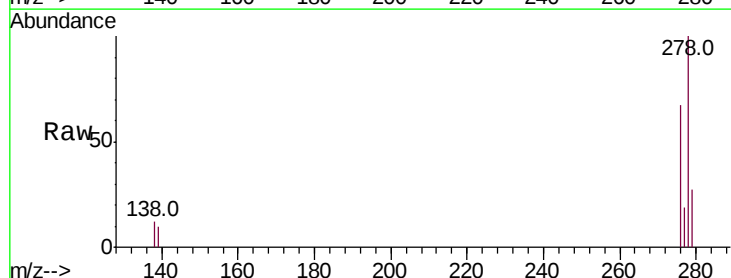


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

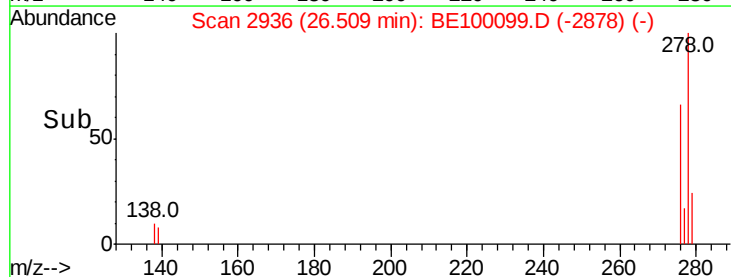
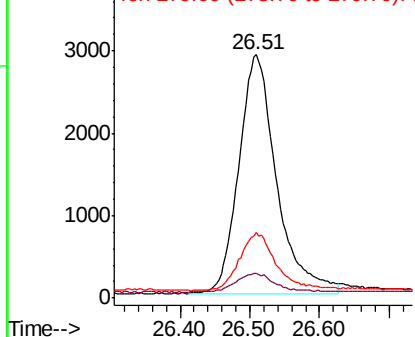


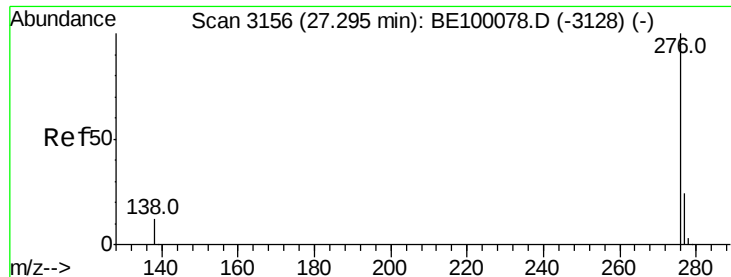
#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.51 min Scan# 2936
Delta R.T. 0.01 min
Lab File: BE100099.D
Acq: 20 Jun 2019 1:51

Tgt Ion:278 Resp: 10898
Ion Ratio Lower Upper
278 100
139 10.1 9.0 13.6
279 26.8 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: 0.376 ng

RT: 27.29 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE100099.D

Acq: 20 Jun 2019 1:51

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

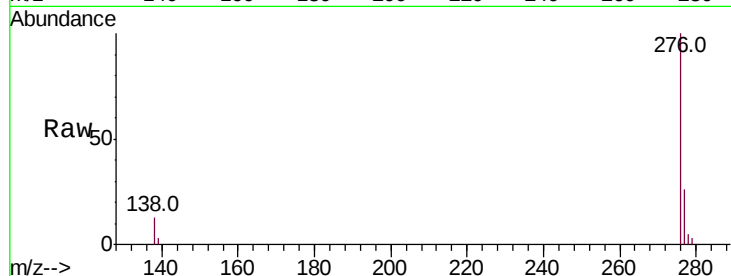
Tot Ion:276 Resp: 11471

Ion Ratio Lower Upper

276 100

277 26.0 20.3 30.5

138 13.2 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

