

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100129.D
 Acq On : 21 Jun 2019 4:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 21 06:52:10 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	589	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2343	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	2399	0.40	ng	-0.01
19) Phenanthrene-d10	17.16	188	8046	0.40	ng	0.00
27) Chrysene-d12	21.34	240	9716	0.40	ng	0.00
34) Perylene-d12	23.84	264	11320	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	923	0.76	ng	-0.01
5) Phenol-d6	6.92	99	1334	0.79	ng	-0.01
8) Nitrobenzene-d5	8.90	82	901	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1910	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.92	330	407	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	3502	0.37	ng	-0.01
25) Fluoranthene-d10	19.19	212	42555	0.37	ng	0.00
29) Terphenyl-d14	19.79	244	9074	0.47	ng	-0.01

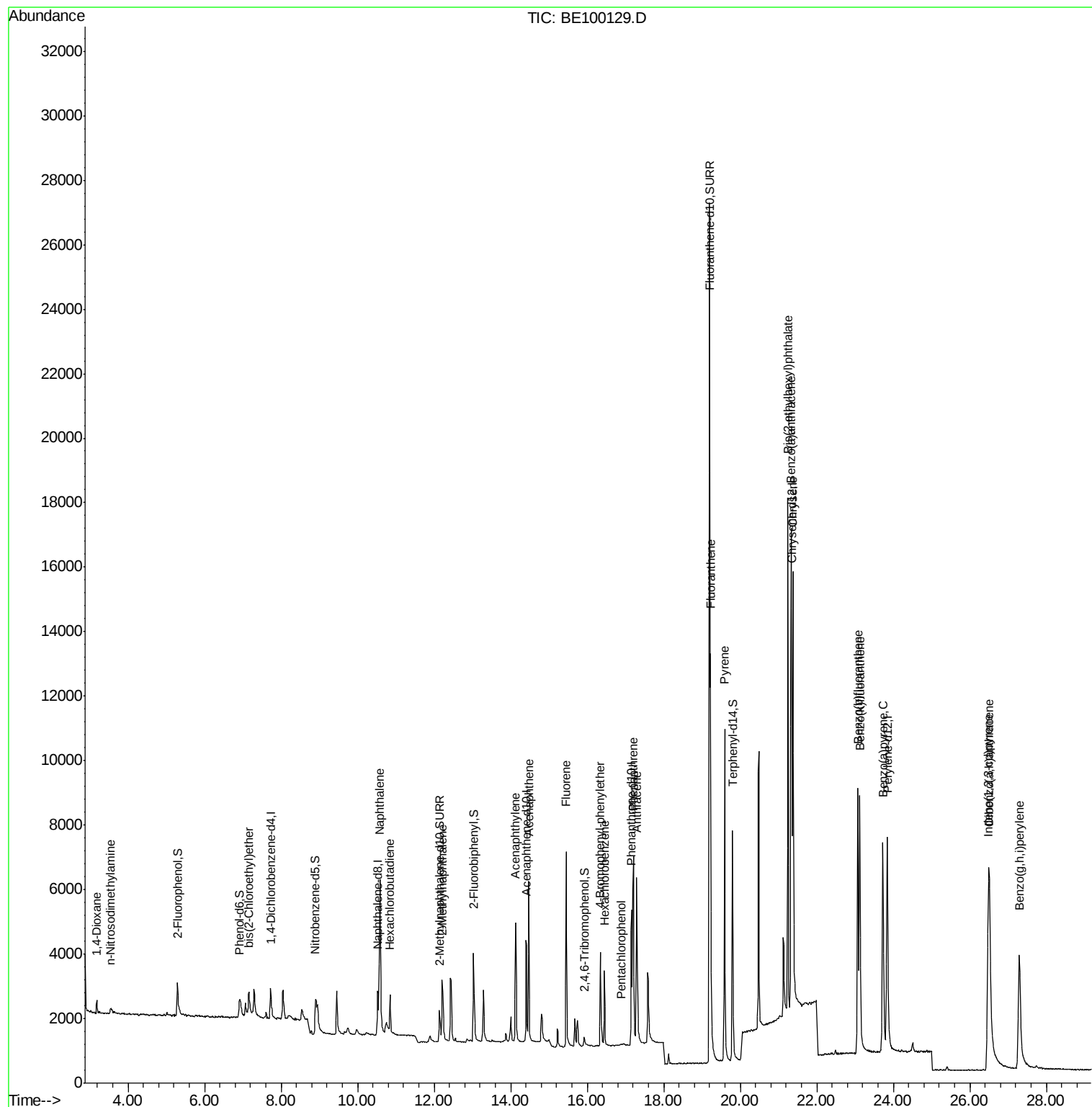
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	344	0.364	ng	92
3) n-Nitrosodimethylamine	3.53	42	116	0.528	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	755	0.469	ng	# 63
9) Naphthalene	10.57	128	10128	0.398	ng	99
10) Hexachlorobutadiene	10.85	225	897	0.359	ng	93
12) 2-Methylnaphthalene	12.21	142	1932	0.461	ng	98
16) Acenaphthylene	14.13	152	4631	0.407	ng	99
17) Acenaphthene	14.47	154	2638	0.414	ng	94
18) Fluorene	15.45	166	4142	0.437	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	2050	0.429	ng	89
21) Hexachlorobenzene	16.45	284	2095	0.397	ng	95
22) Pentachlorophenol	16.88	266	90	0.295	ng	98
23) Phenanthrene	17.20	178	7675	0.398	ng	99
24) Anthracene	17.29	178	6972	0.429	ng	98
26) Fluoranthene	19.22	202	11352	0.367	ng	100
28) Pyrene	19.59	202	11746	0.470	ng	100
30) Benzo(a)anthracene	21.33	228	12527	0.433	ng	98
31) Chrysene	21.38	228	13389	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	17566	0.644	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	14633	0.387	ng	# 97
35) Benzo(b)fluoranthene	23.07	252	12436	0.374	ng	98
36) Benzo(k)fluoranthene	23.12	252	13809	0.365	ng	99
37) Benzo(a)pyrene	23.72	252	12440	0.388	ng	99
38) Dibenzo(a,h)anthracene	26.51	278	11567	0.352	ng	99
39) Benzo(g,h,i)perylene	27.30	276	11769	0.345	ng	98

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

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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: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

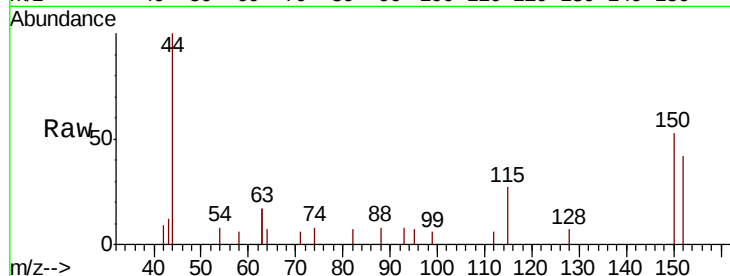
Tot Ion:152 Resp: 589

Ion Ratio Lower Upper

152 100

150 127.0 99.8 149.8

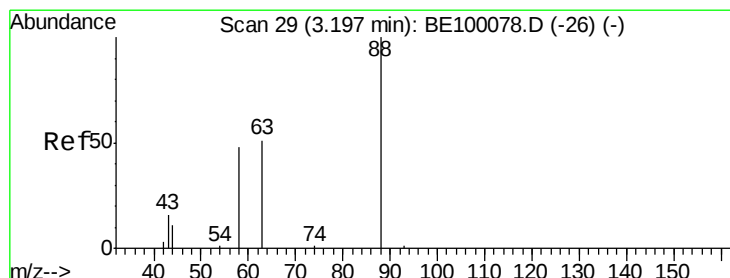
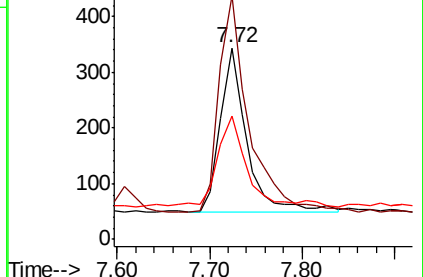
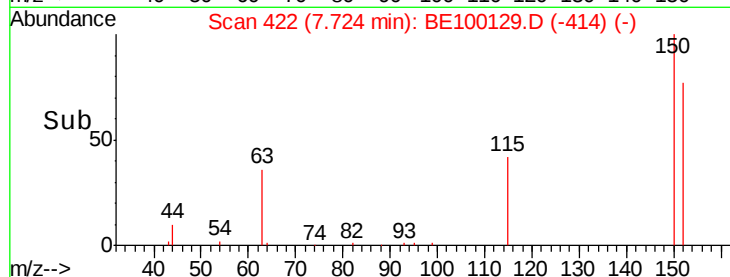
115 64.2 51.3 76.9



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: 0.364 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

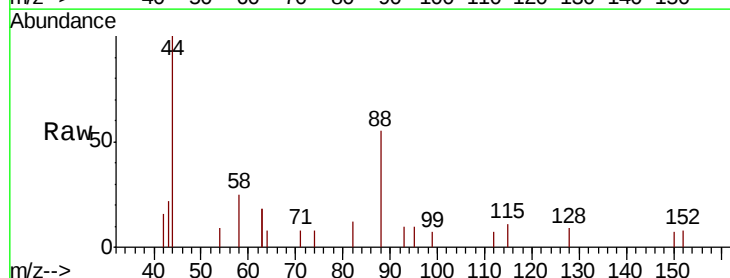
Tgt Ion: 88 Resp: 344

Ion Ratio Lower Upper

88 100

58 57.0 51.1 76.7

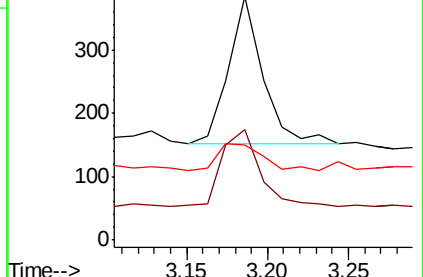
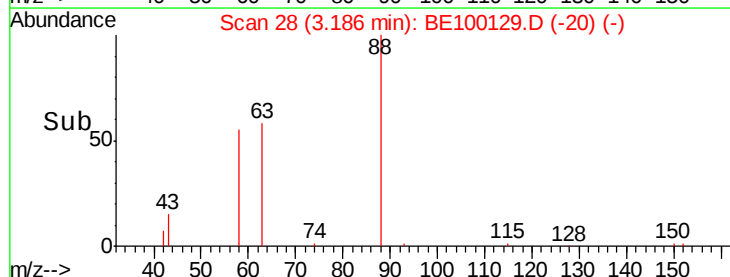
43 24.1 21.7 32.5



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: 0.528 ng

RT: 3.53 min Scan# 58

Delta R.T. -0.07 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

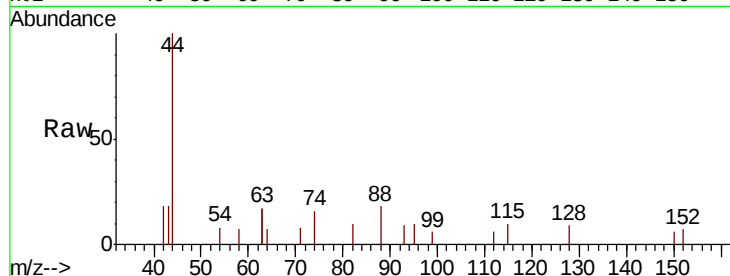
Tot Ion: 42 Resp: 116

Ion Ratio Lower Upper

42 100

74 216.4 0.0 0.0#

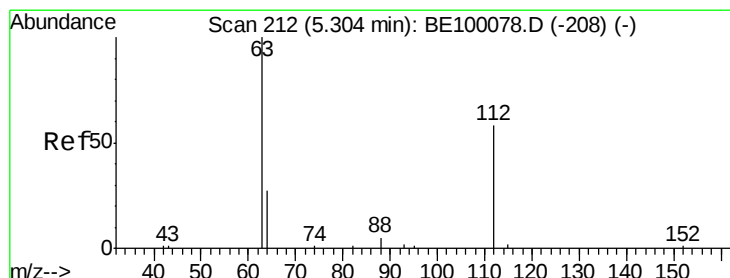
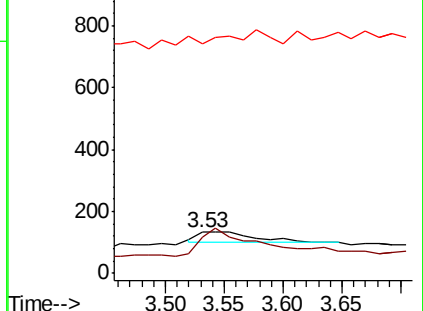
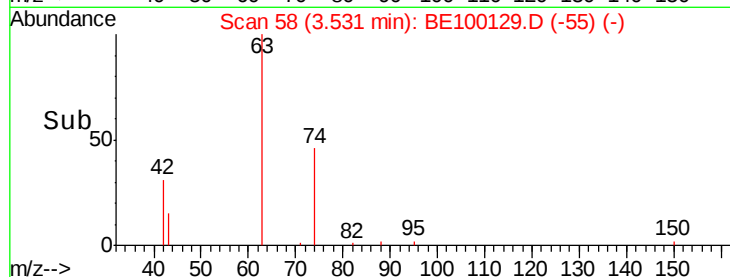
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.755 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

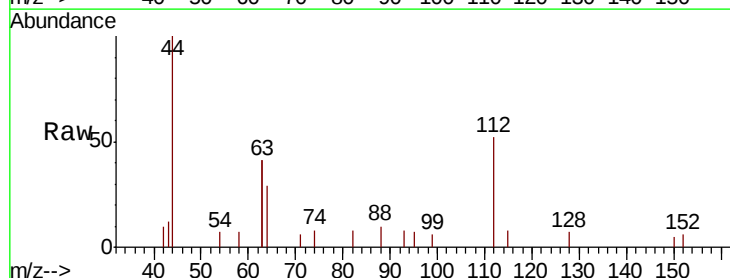
Tgt Ion: 112 Resp: 923

Ion Ratio Lower Upper

112 100

64 60.0 22.0 33.0#

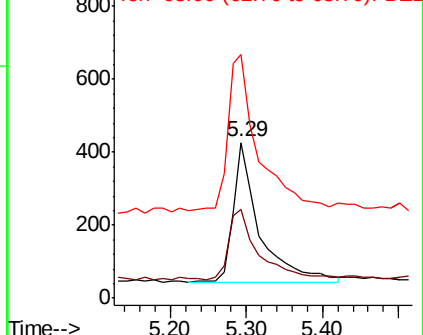
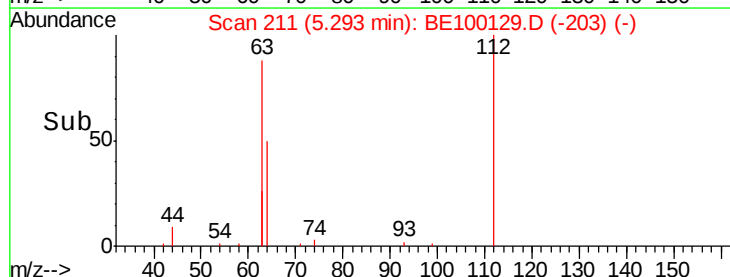
63 124.3 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.795 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

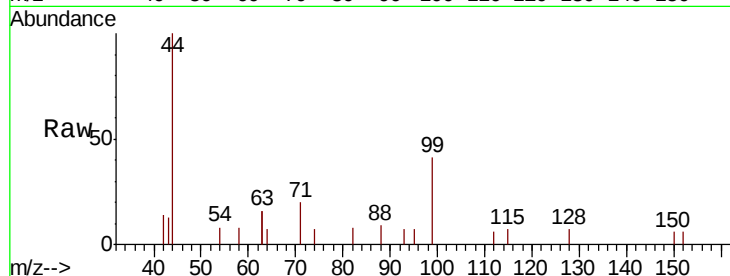
Tot Ion: 99 Resp: 1334

Ion Ratio Lower Upper

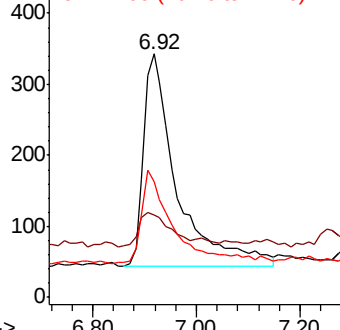
99 100

42 14.6 0.0 0.0#

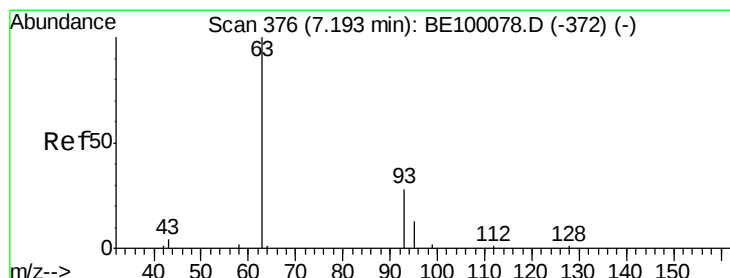
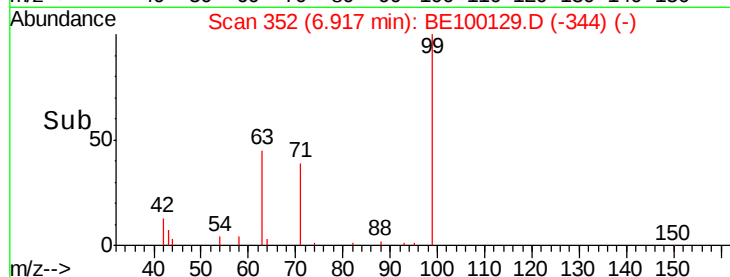
71 42.0 37.6 56.4



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: 0.469 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

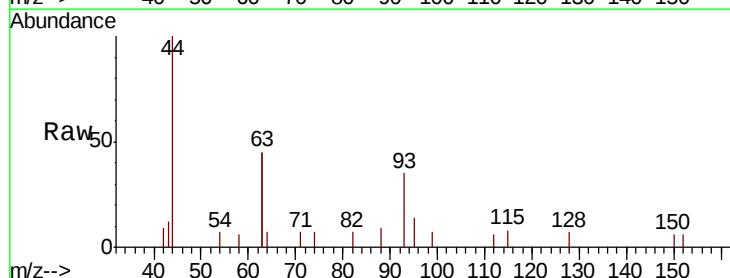
Tgt Ion: 93 Resp: 755

Ion Ratio Lower Upper

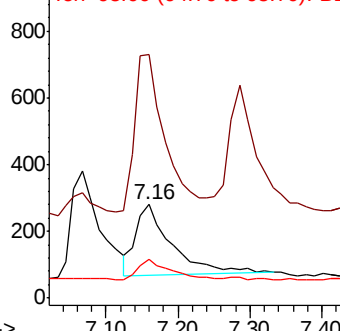
93 100

63 180.3 200.0 300.0#

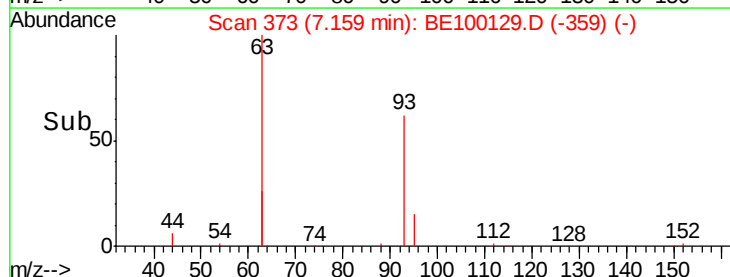
95 24.1 24.0 36.0



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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2343

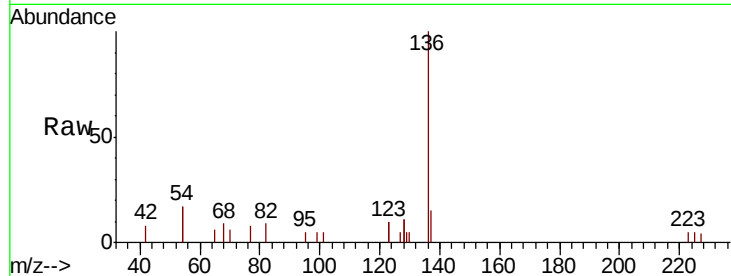
Ion Ratio Lower Upper

136 100

137 15.2 11.6 17.4

54 33.8 33.9 50.9#

68 8.9 7.8 11.8

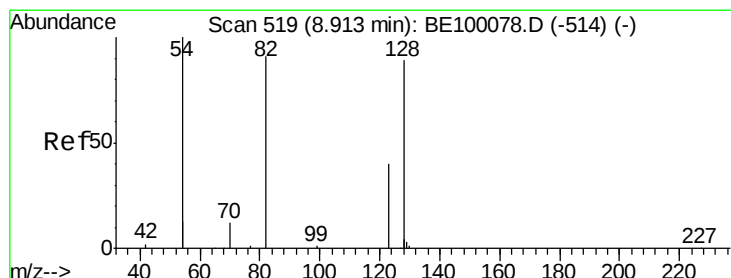
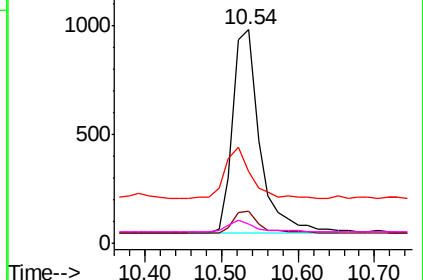
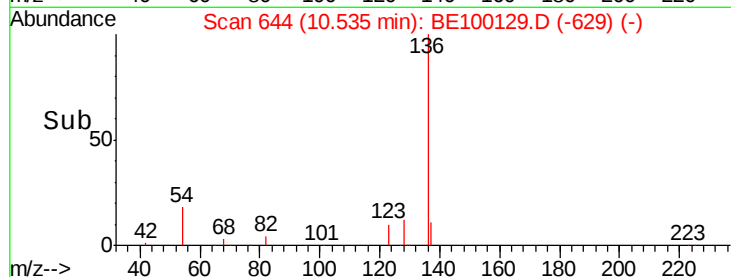


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

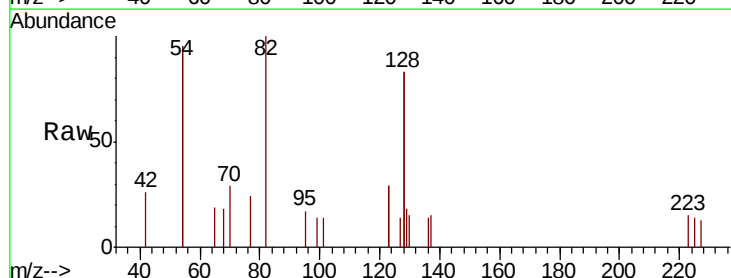
Tgt Ion: 82 Resp: 901

Ion Ratio Lower Upper

82 100

128 165.5 128.0 192.0

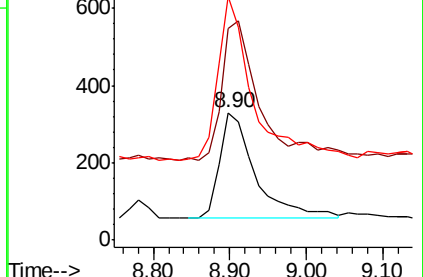
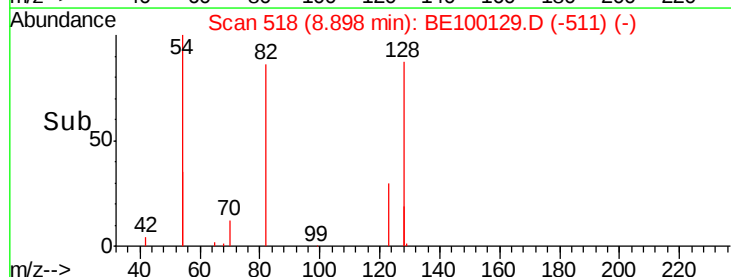
54 190.9 143.4 215.0

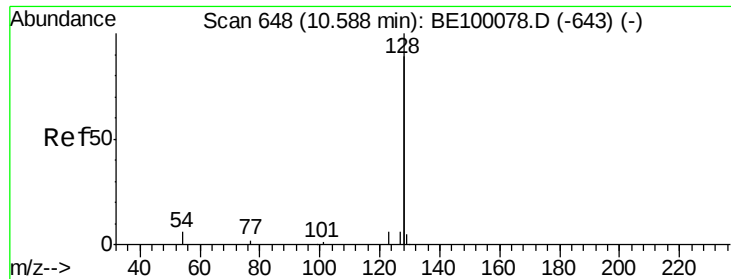


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.398 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

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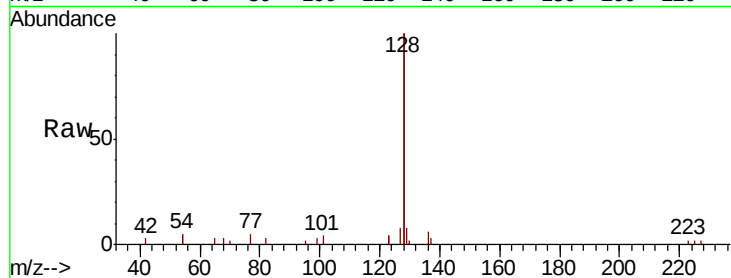
Tot Ion:128 Resp: 10128

Ion Ratio Lower Upper

128 100

129 3.8 3.1 4.7

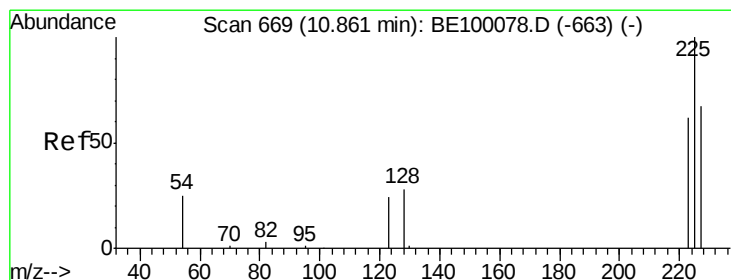
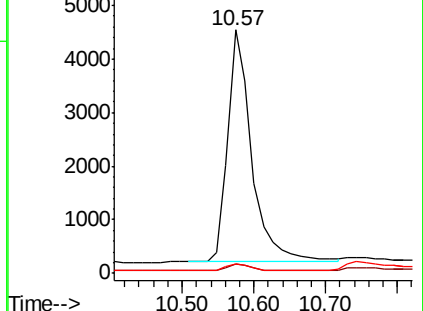
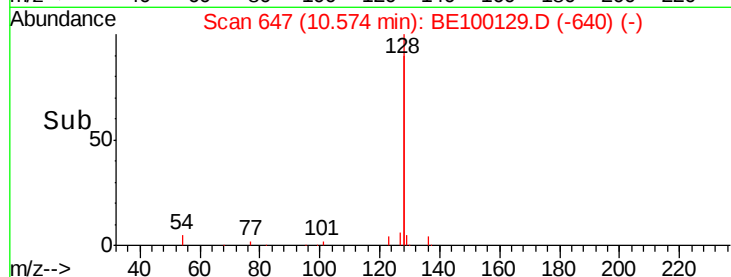
127 4.1 3.4 5.2



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: 0.359 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

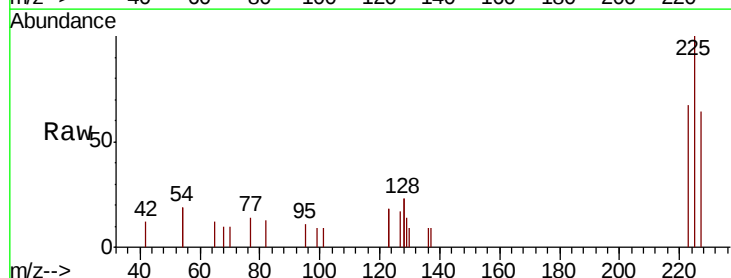
Tgt Ion:225 Resp: 897

Ion Ratio Lower Upper

225 100

223 60.1 52.2 78.4

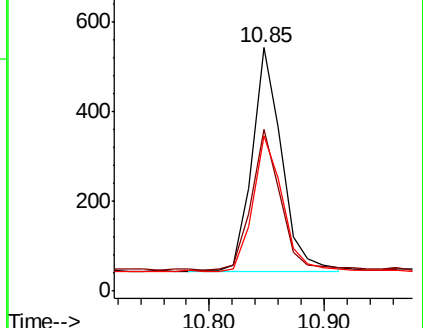
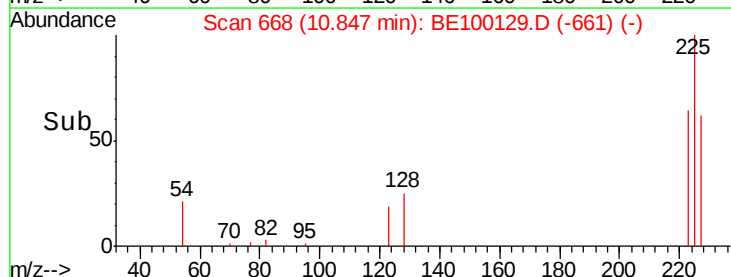
227 59.9 53.0 79.6

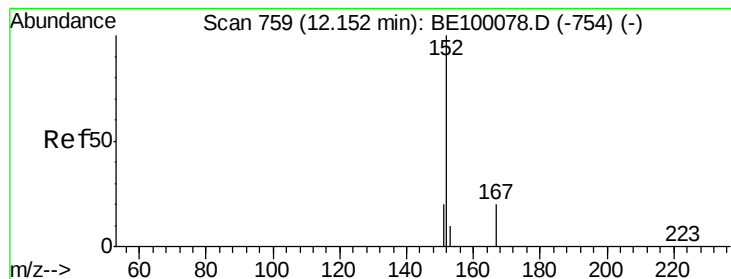


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

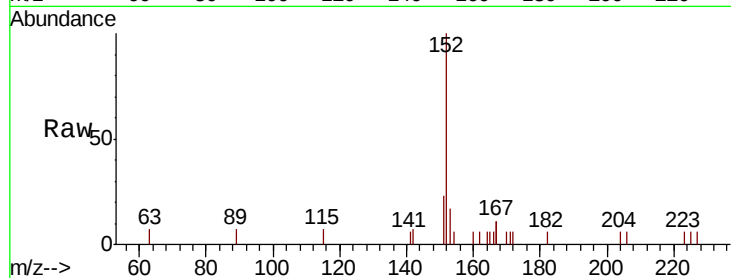
SSTDCCC0.4EC

Tot Ion:152 Resp: 1910

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

800

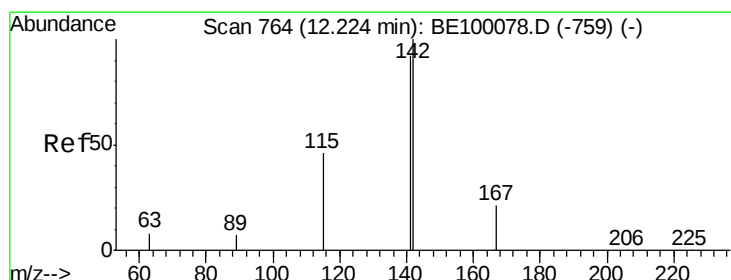
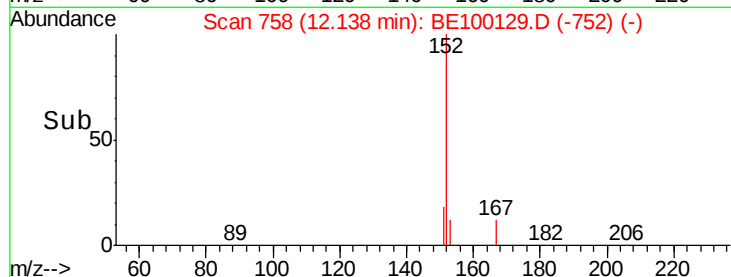
600

400

200

0

Time--> 12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.461 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

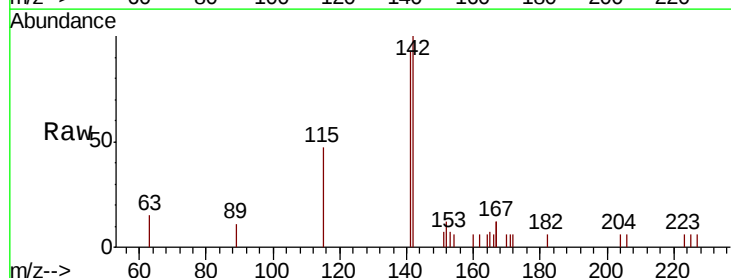
Tgt Ion:142 Resp: 1932

Ion Ratio Lower Upper

142 100

141 93.1 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

12.21

1000

800

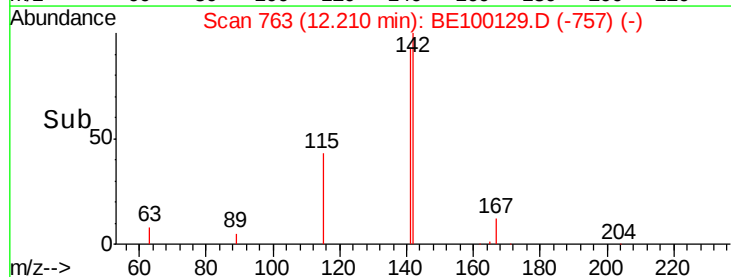
600

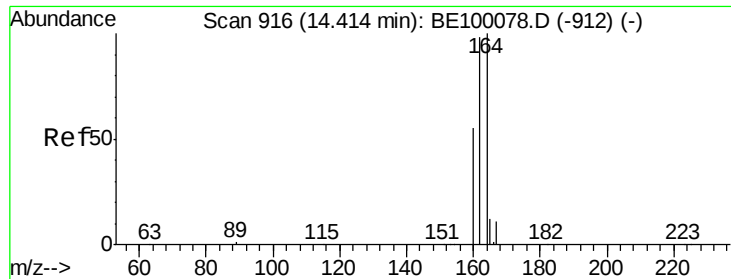
400

200

0

Time--> 12.10 12.20 12.30

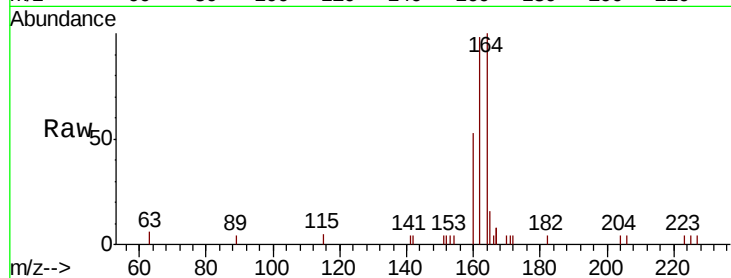




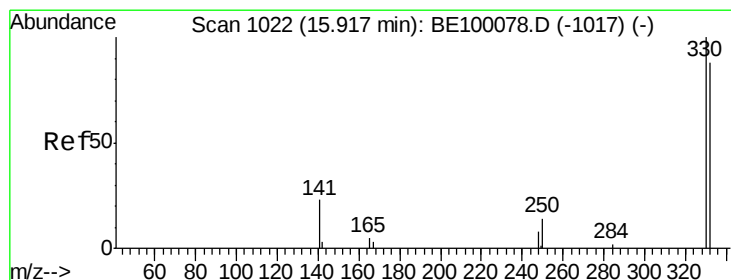
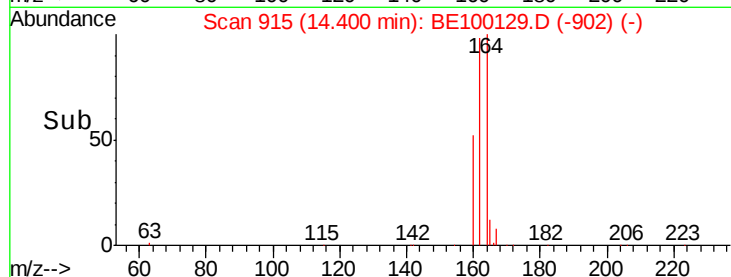
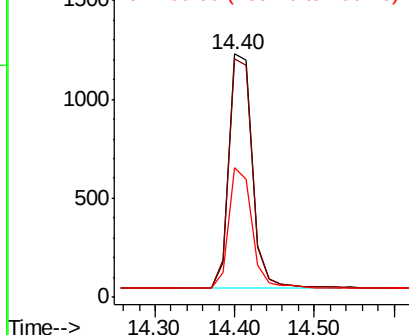
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100129.D
 Acq: 21 Jun 2019 4:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 2399
 Ion Ratio Lower Upper
 164 100
 162 98.0 78.2 117.2
 160 53.3 45.6 68.4

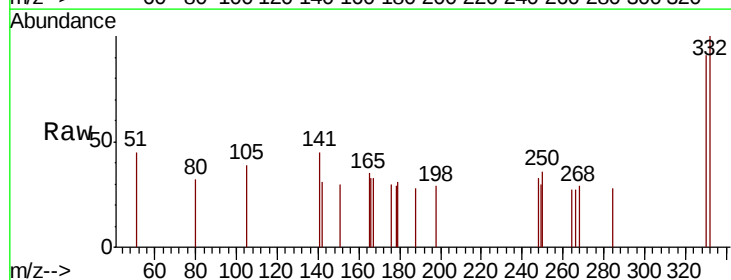


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

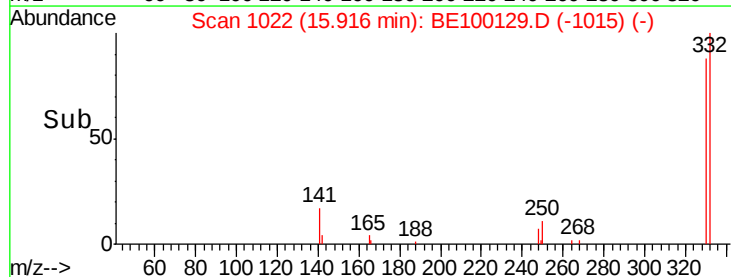
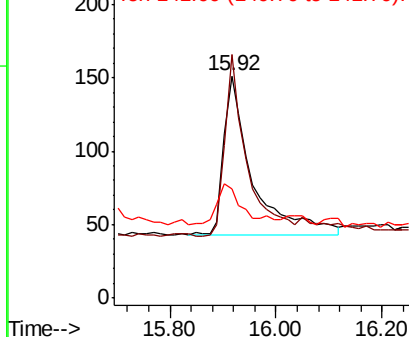


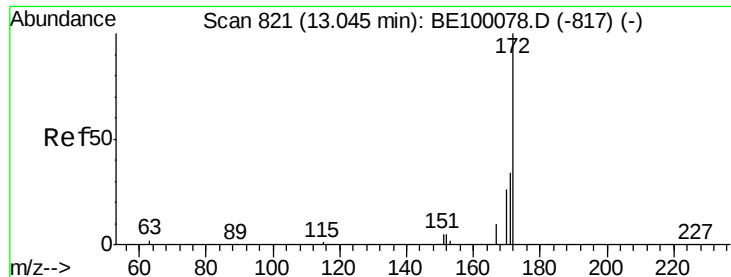
#14
 2,4,6-Tribromophenol
 Concen: 0.307 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BE100129.D
 Acq: 21 Jun 2019 4:28

Tgt Ion:330 Resp: 407
 Ion Ratio Lower Upper
 330 100
 332 88.5 73.3 109.9
 141 18.9 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

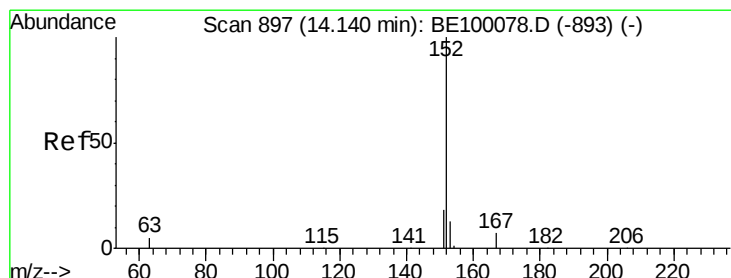
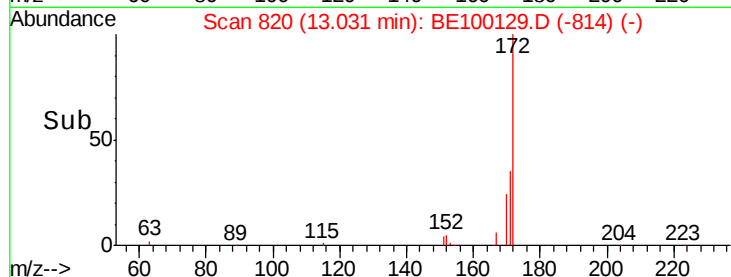
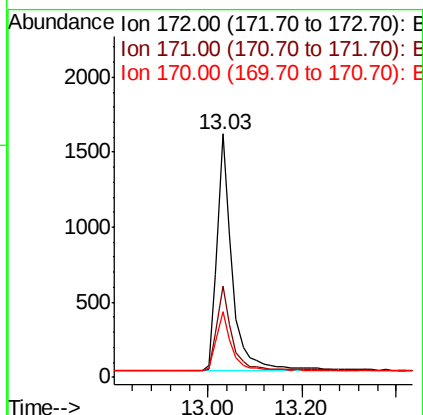
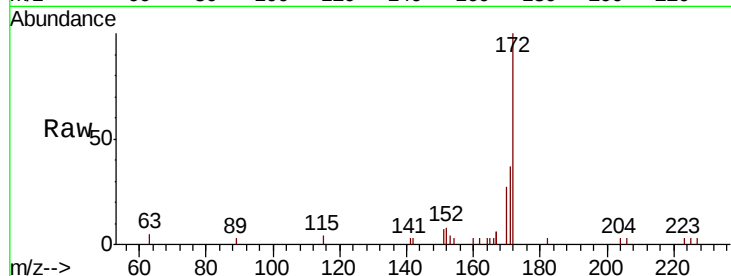




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

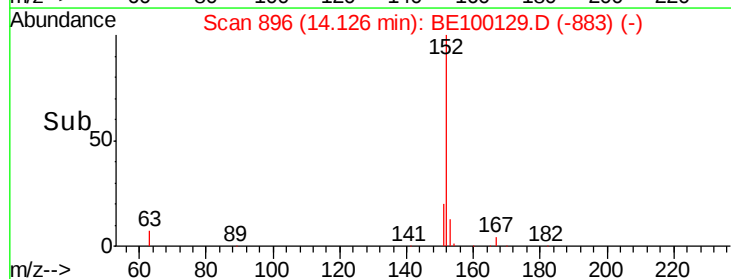
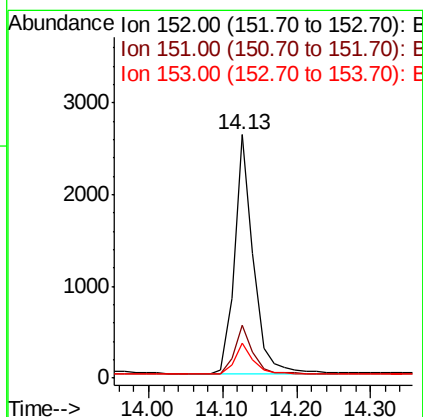
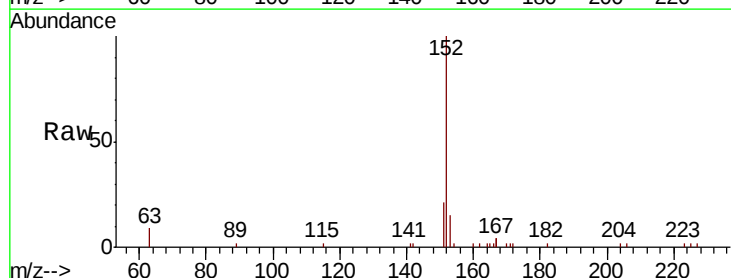
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

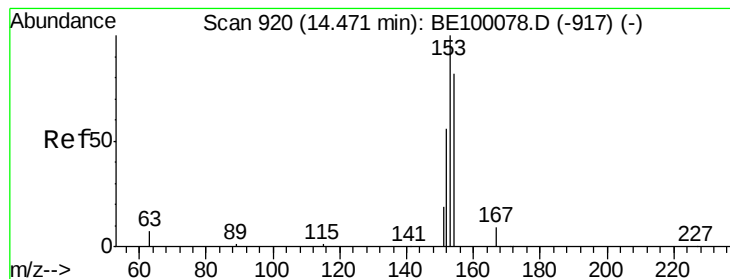
Tot Ion:172 Resp: 3502
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.8
170 26.8 23.2 34.8



#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

Tgt Ion:152 Resp: 4631
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.8 10.1 15.1





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

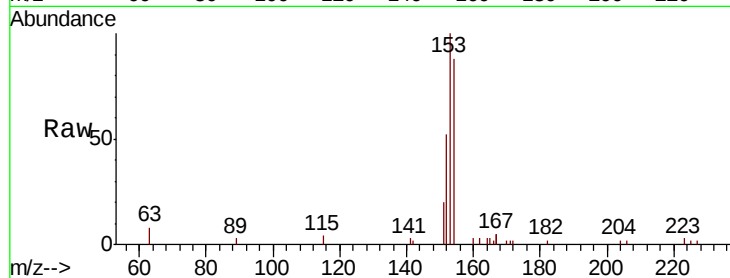
Tot Ion:154 Resp: 2638

Ion Ratio Lower Upper

154 100

153 116.0 95.5 143.3

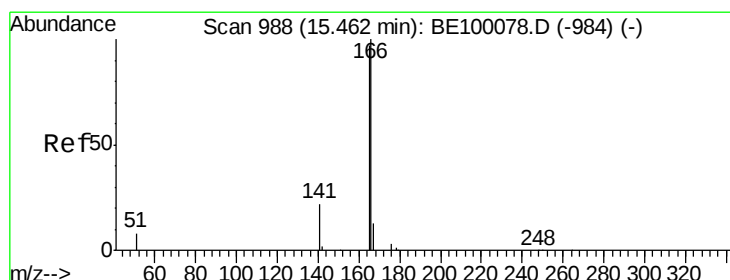
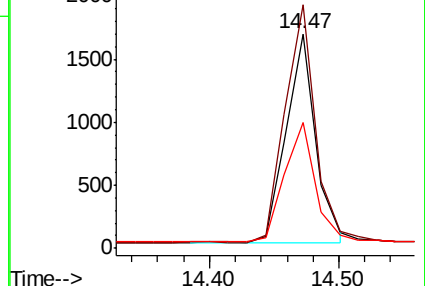
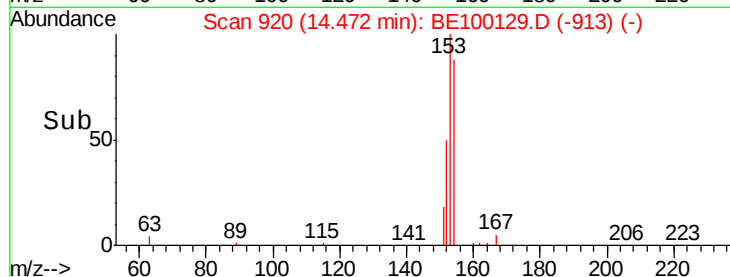
152 58.9 54.9 82.3



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: 0.437 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

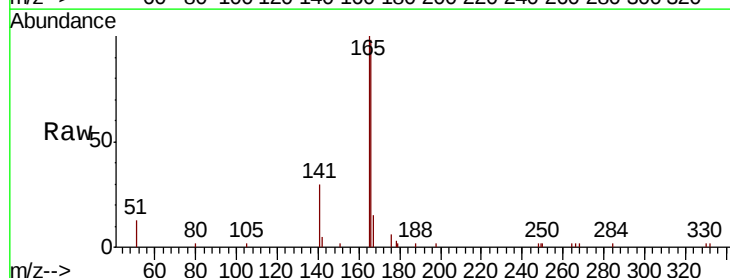
Tgt Ion:166 Resp: 4142

Ion Ratio Lower Upper

166 100

165 101.5 79.8 119.8

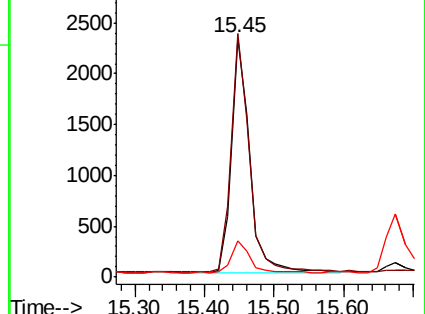
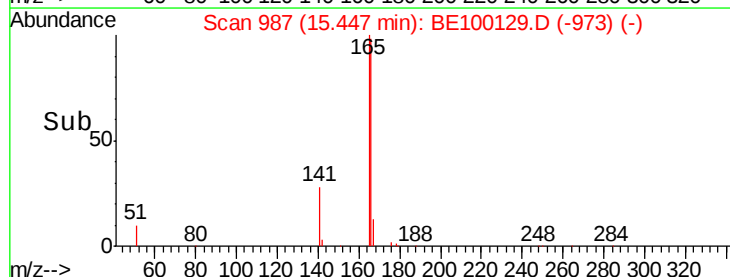
167 13.3 10.2 15.4

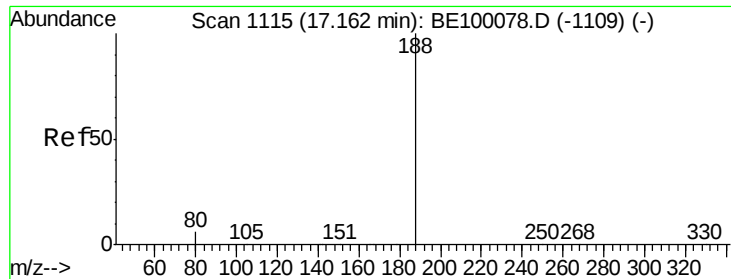


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

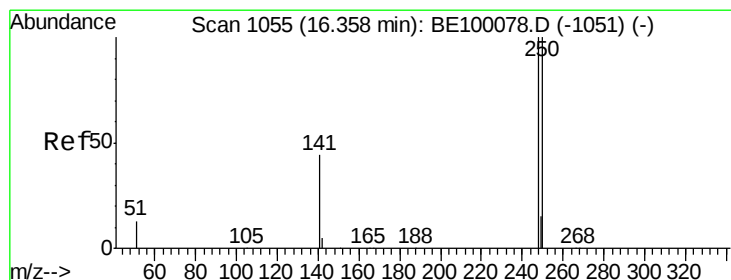
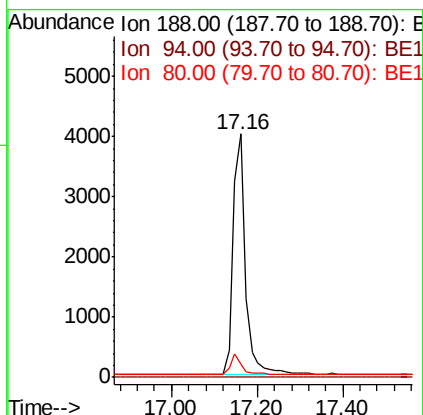
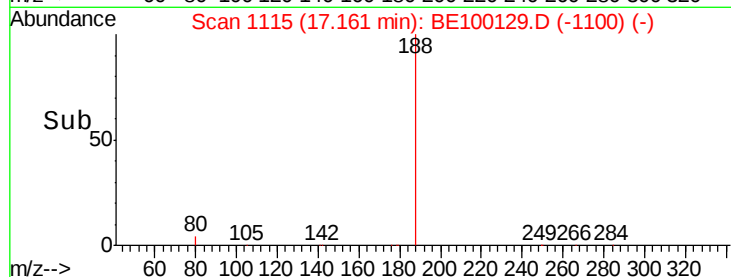
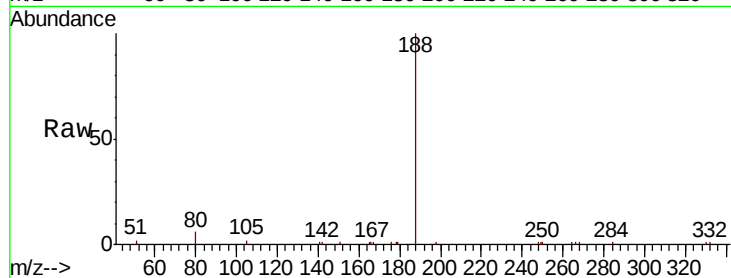
Tot Ion:188 Resp: 8046

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.5 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.429 ng

RT: 16.34 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

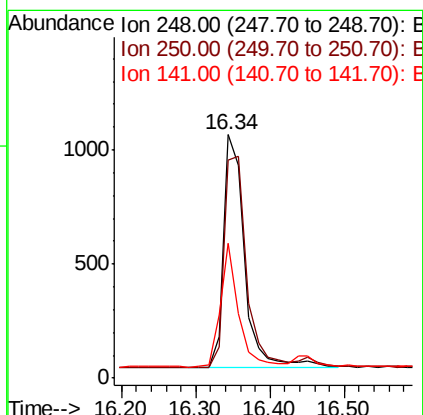
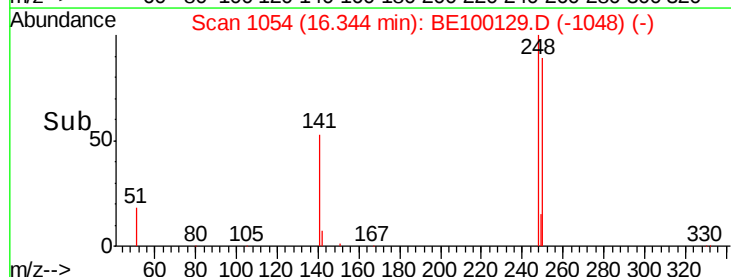
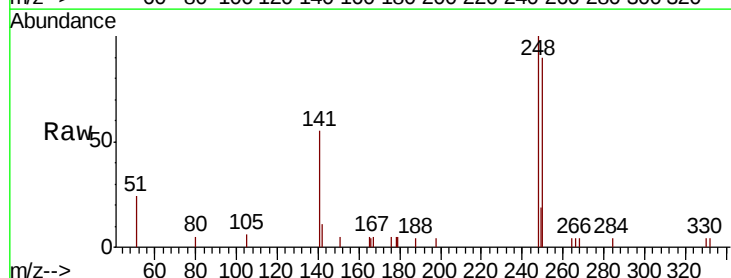
Tgt Ion:248 Resp: 2050

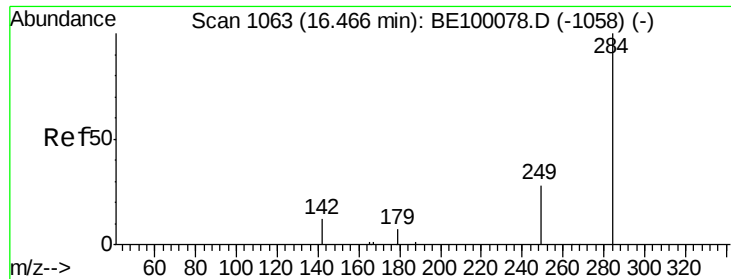
Ion Ratio Lower Upper

248 100

250 89.8 80.6 120.8

141 55.4 38.8 58.2

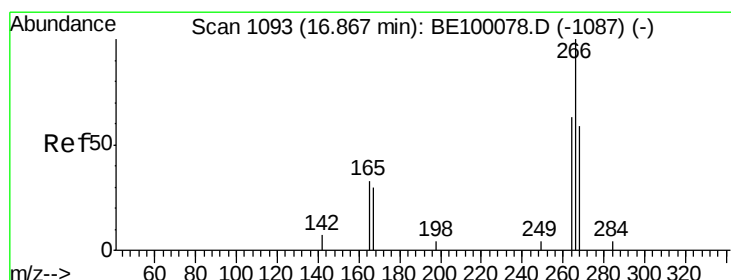
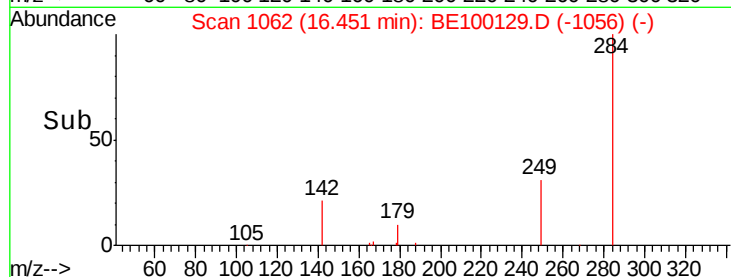
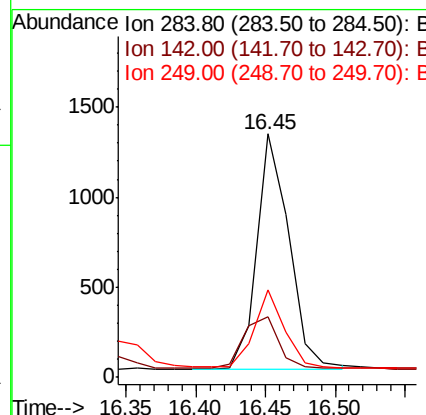
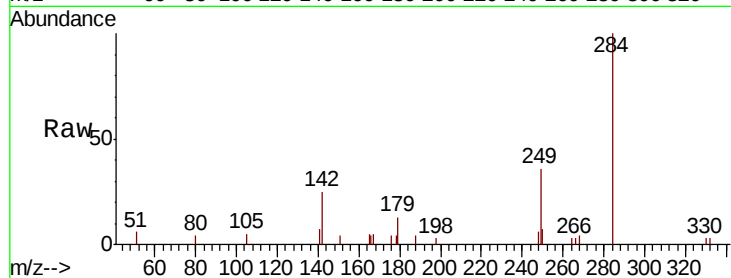




#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

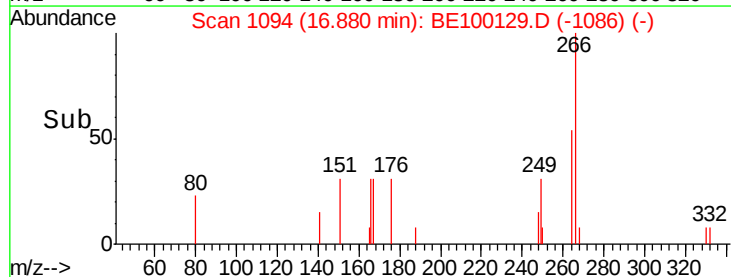
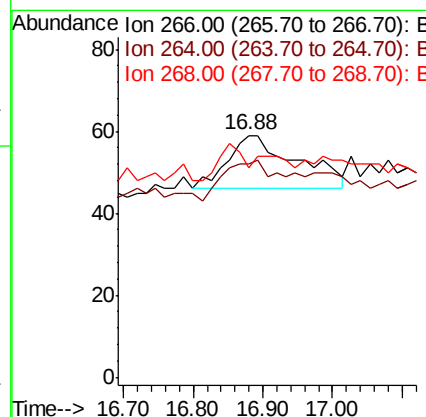
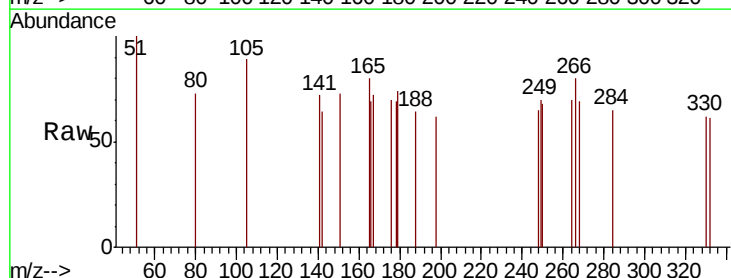
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

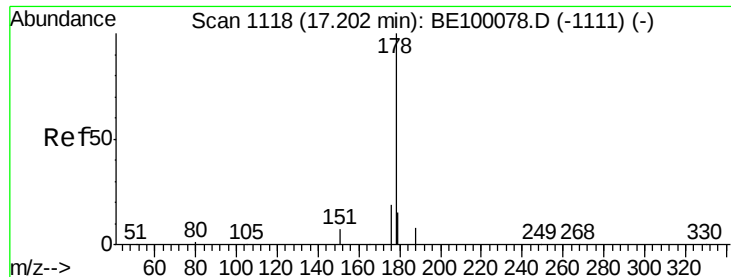
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.7	20.7	31.1
249	30.2	26.6	39.8



#22
Pentachlorophenol
Concen: 0.295 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	88.1	67.8	101.6
268	86.4	70.0	105.0





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

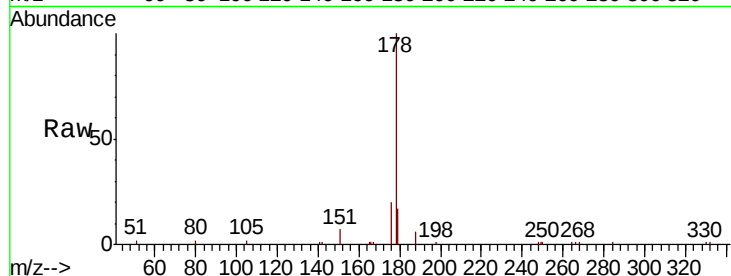
Tot Ion:178 Resp: 7675

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

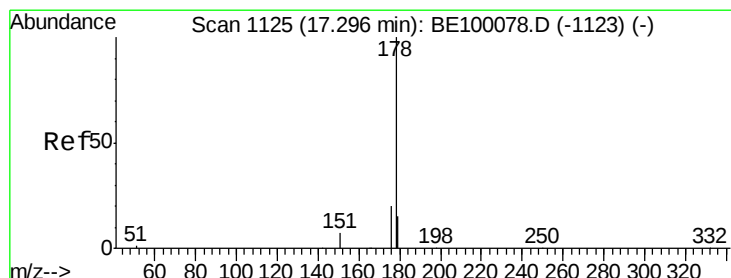
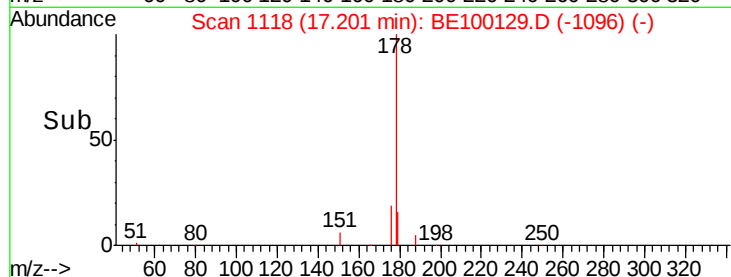
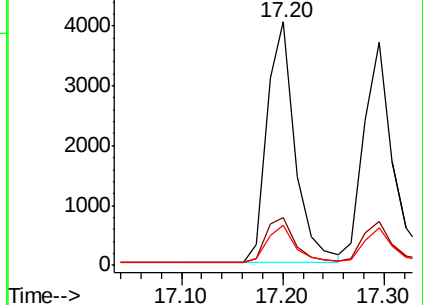
179 15.8 13.1 19.7



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: 0.429 ng

RT: 17.29 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

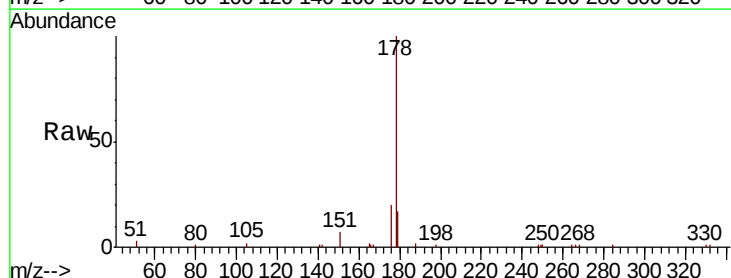
Tgt Ion:178 Resp: 6972

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

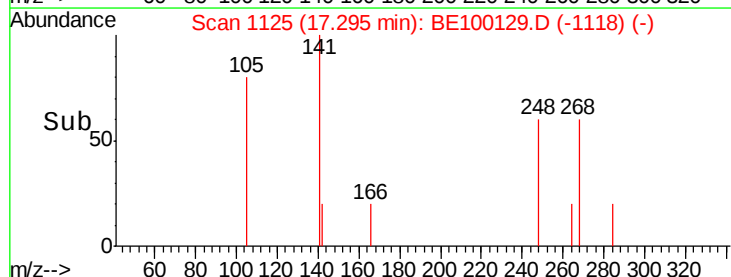
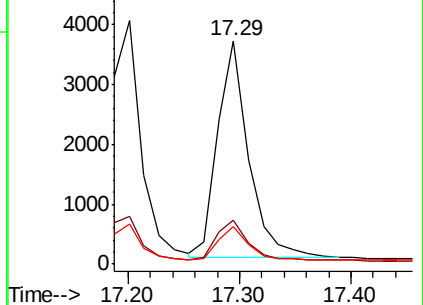
179 15.6 12.0 18.0

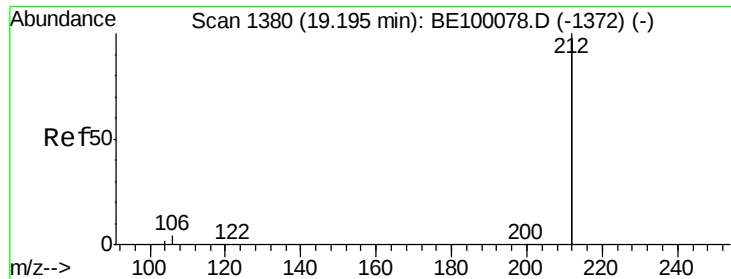


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

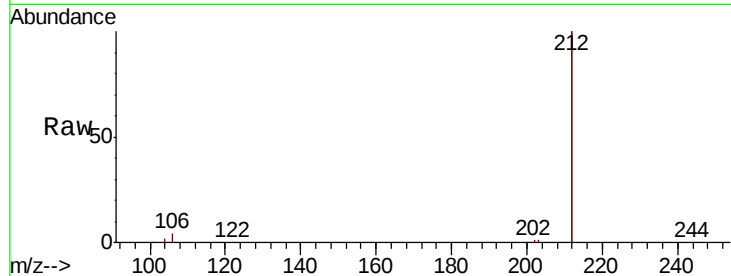
Tot Ion:212 Resp: 42555

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

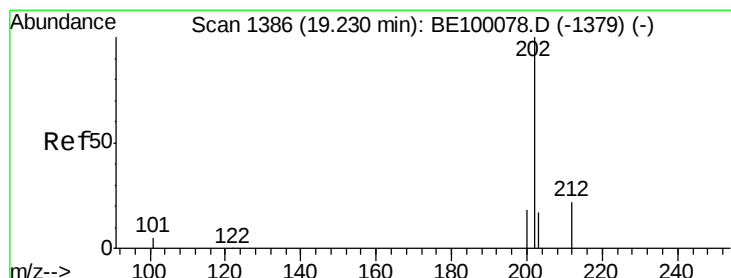
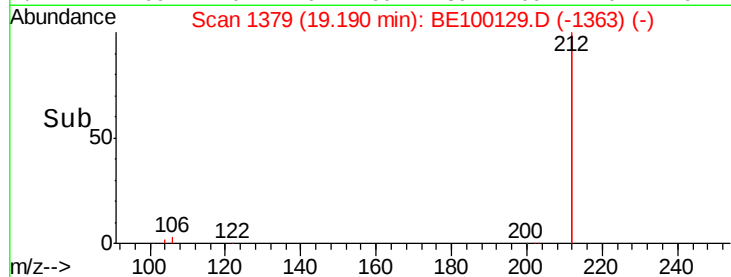
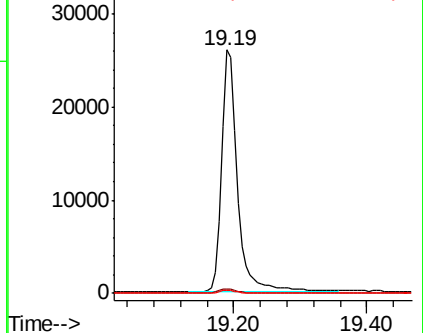
104 1.0 0.8 1.2



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: 0.367 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

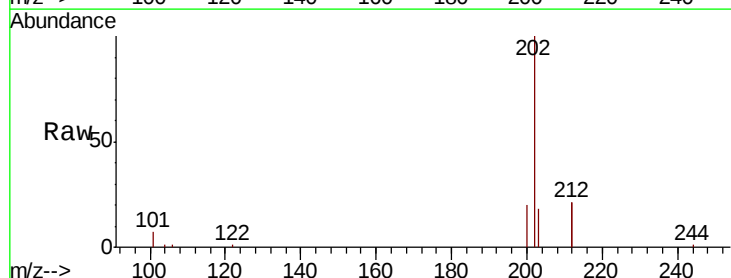
Tgt Ion:202 Resp: 11352

Ion Ratio Lower Upper

202 100

101 6.5 5.0 7.4

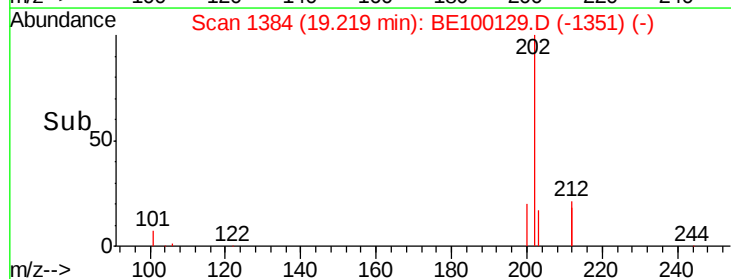
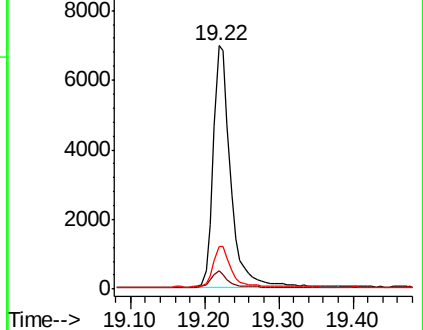
203 16.9 13.7 20.5

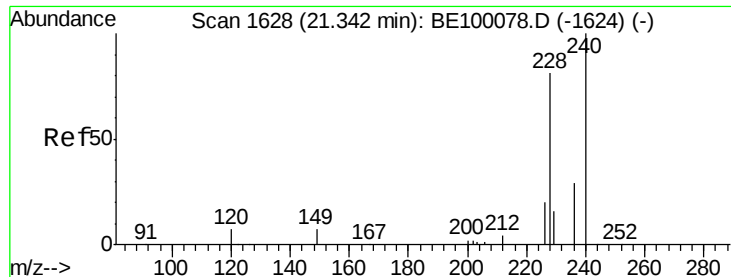


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

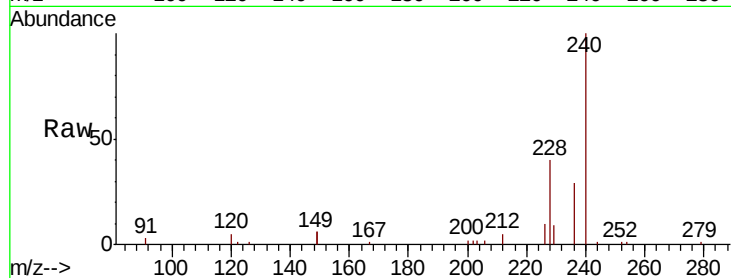
Tot Ion:240 Resp: 9716

Ion Ratio Lower Upper

240 100

120 4.8 6.6 10.0#

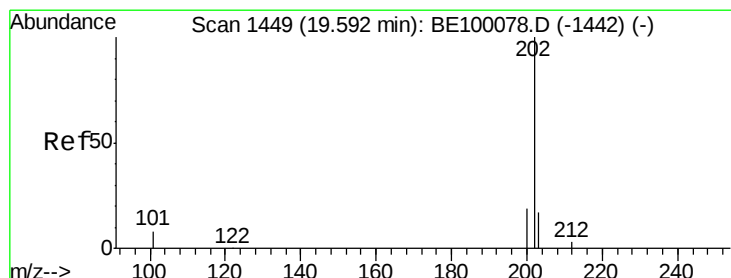
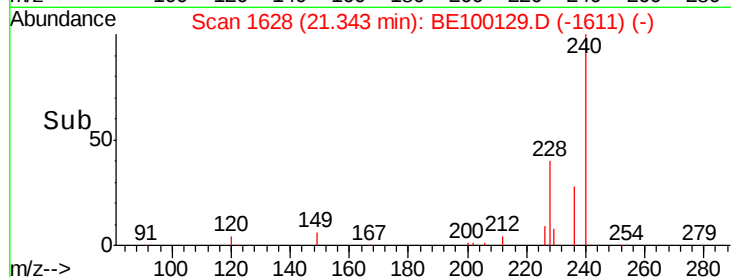
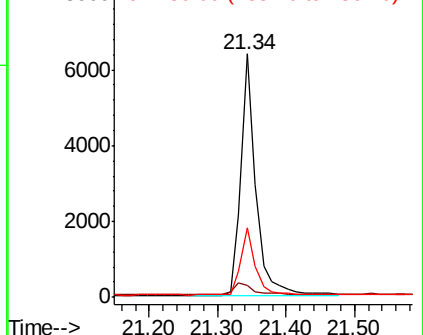
236 28.5 23.8 35.6



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: 0.470 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

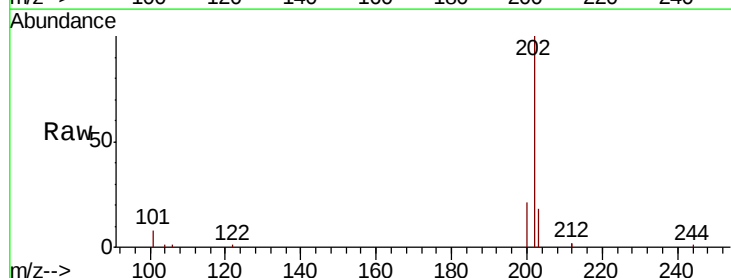
Tgt Ion:202 Resp: 11746

Ion Ratio Lower Upper

202 100

200 19.3 15.6 23.4

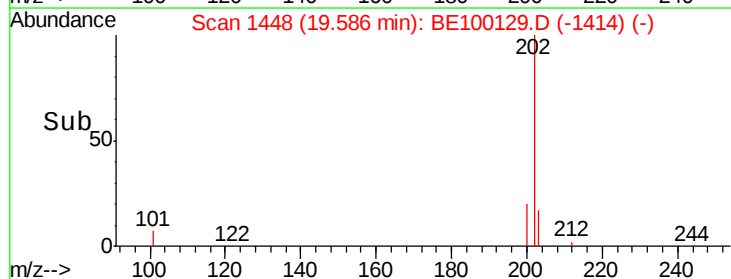
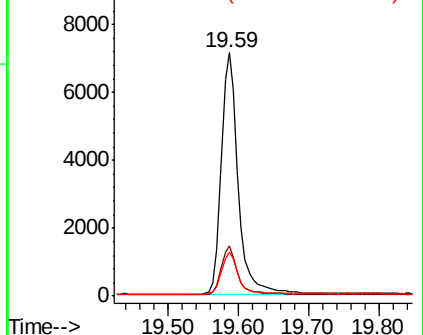
203 17.3 13.9 20.9

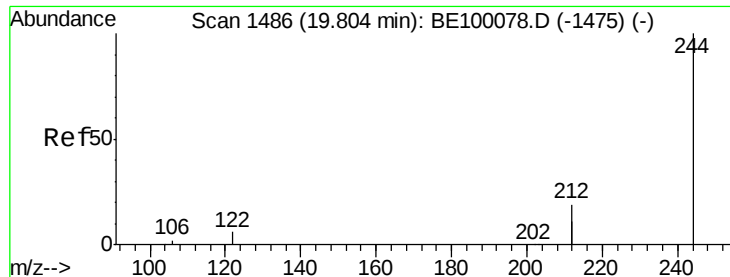


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.467 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

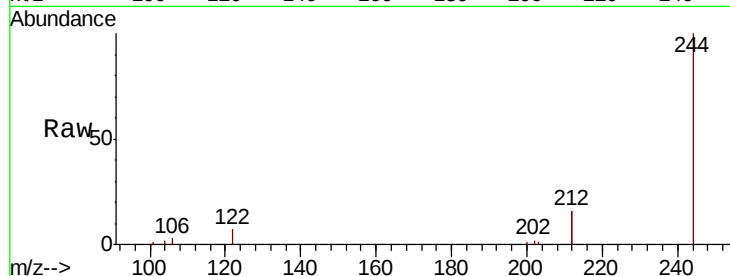
Tot Ion:244 Resp: 9074

Ion Ratio Lower Upper

244 100

212 32.2 29.8 44.8

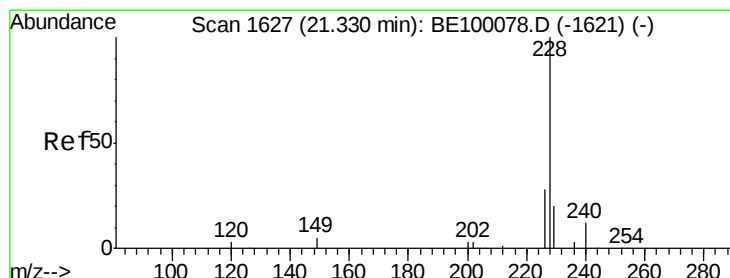
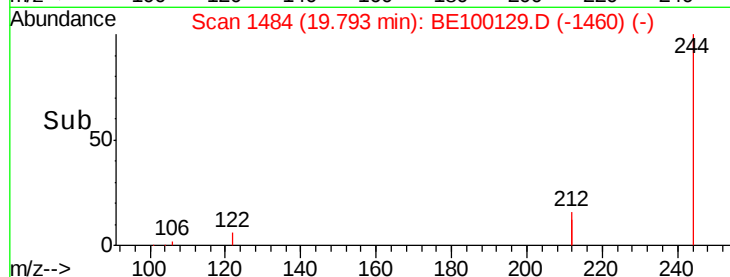
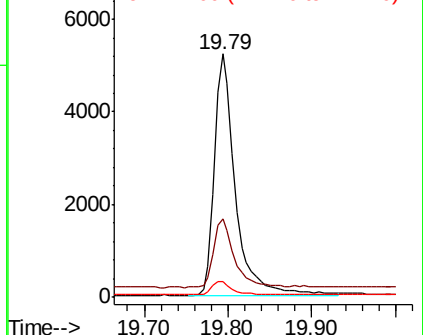
122 6.6 6.1 9.1



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: 0.433 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

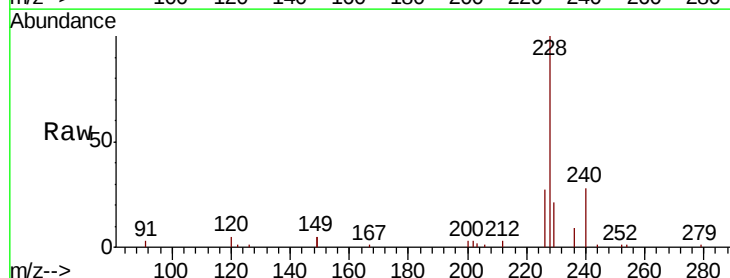
Tgt Ion:228 Resp: 12527

Ion Ratio Lower Upper

228 100

226 26.6 23.0 34.4

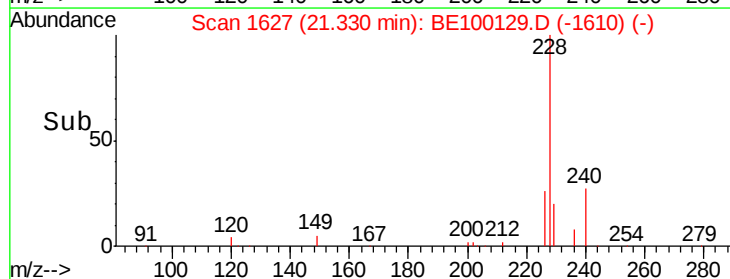
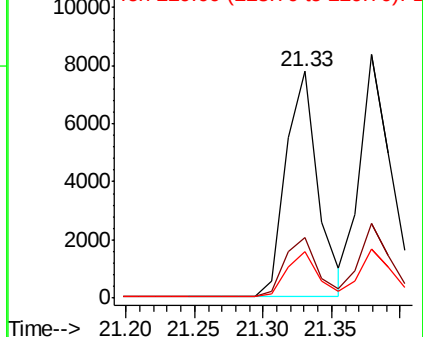
229 20.7 16.4 24.6

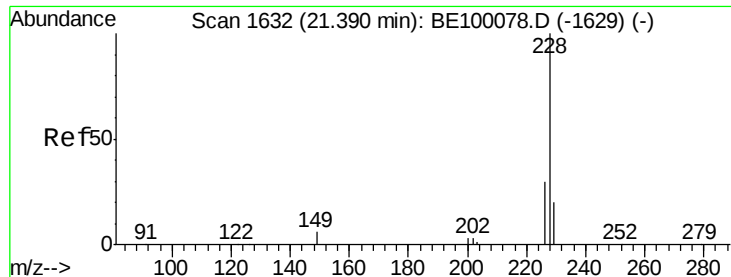


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

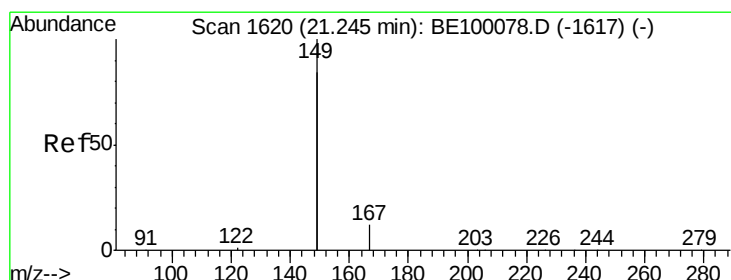
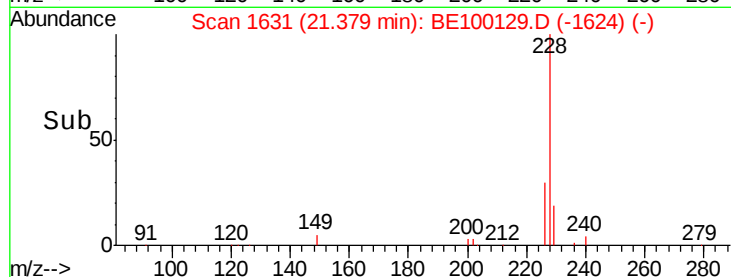
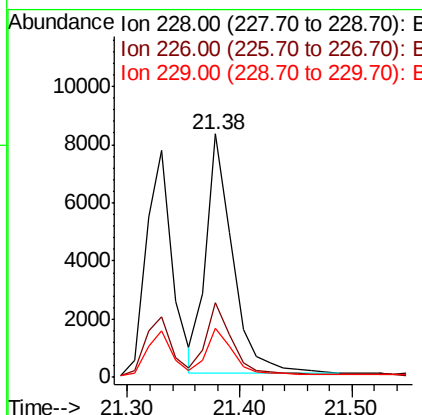
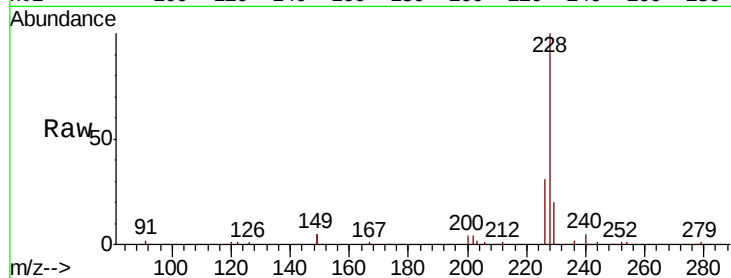




#31
Chrysene
Concen: 0.399 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

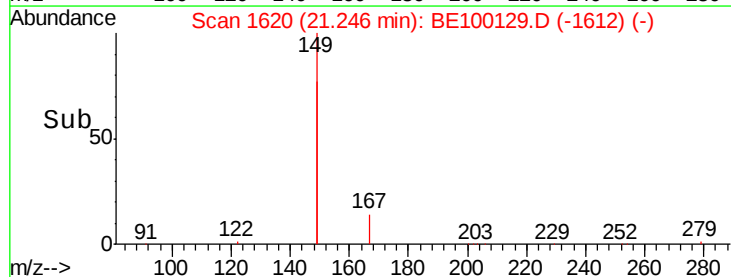
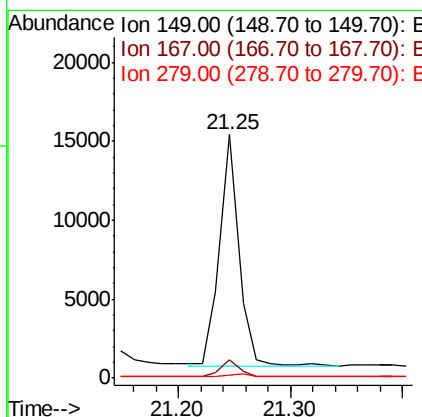
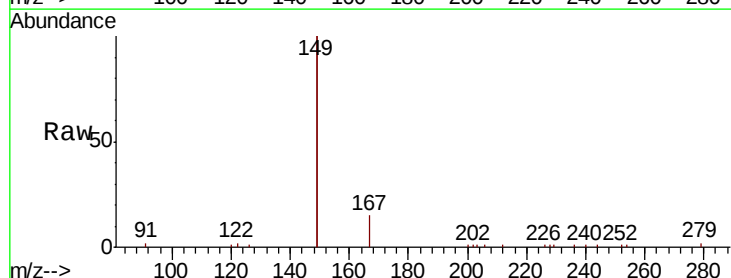
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

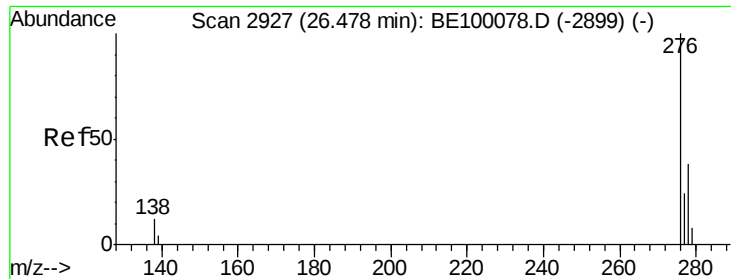
Tot Ion:228 Resp: 13389
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 20.0 16.3 24.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.644 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

Tgt Ion:149 Resp: 17566
Ion Ratio Lower Upper
149 100
167 7.4 5.8 8.6
279 1.6 1.1 1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng

RT: 26.48 min Scan# 2929

Delta R.T. 0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

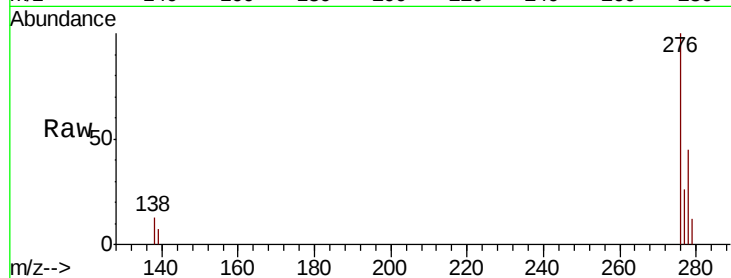
Tot Ion:276 Resp: 14633

Ion Ratio Lower Upper

276 100

138 11.1 4.3 6.5#

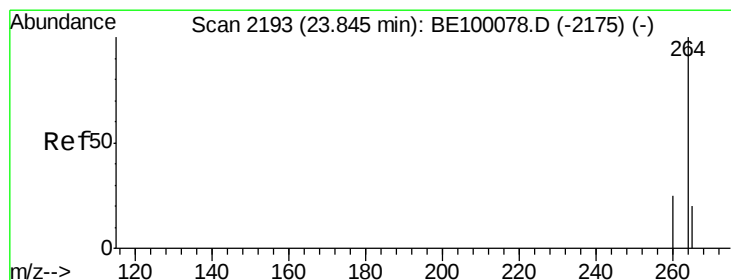
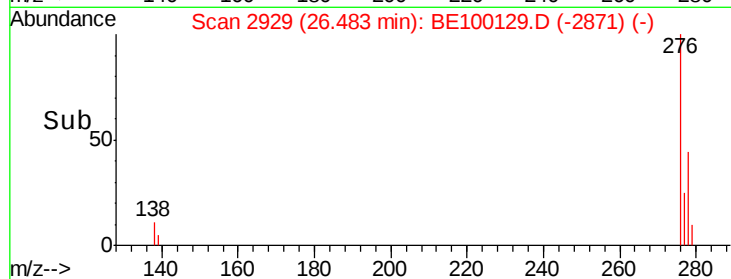
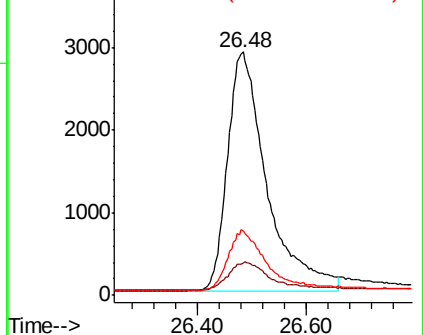
277 24.1 19.4 29.0



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# 2192

Delta R.T. -0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

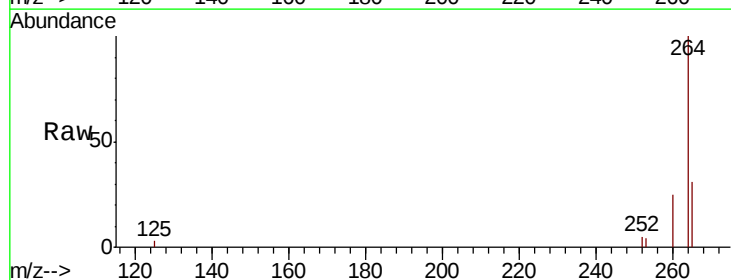
Tgt Ion:264 Resp: 11320

Ion Ratio Lower Upper

264 100

260 25.0 20.8 31.2

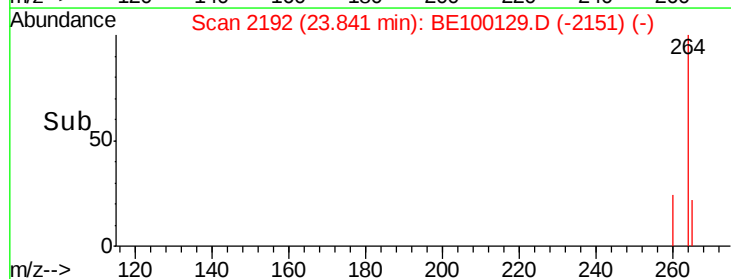
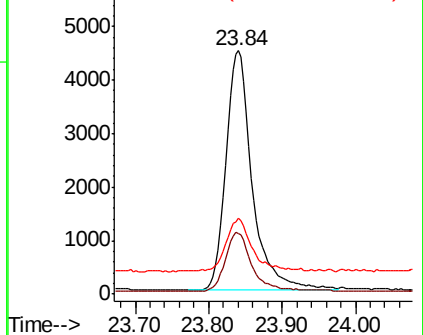
265 31.1 23.2 34.8

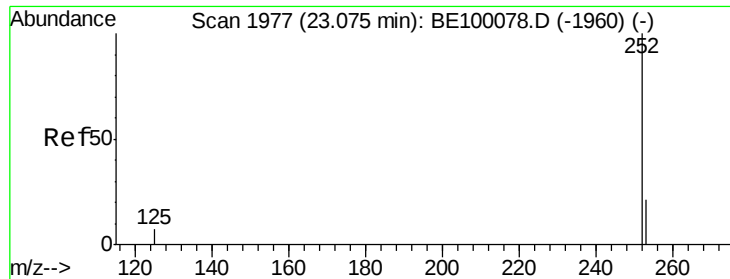


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

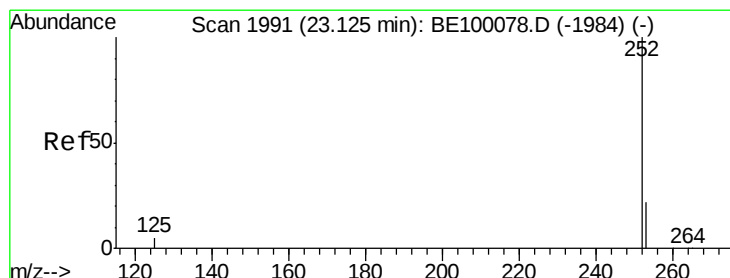
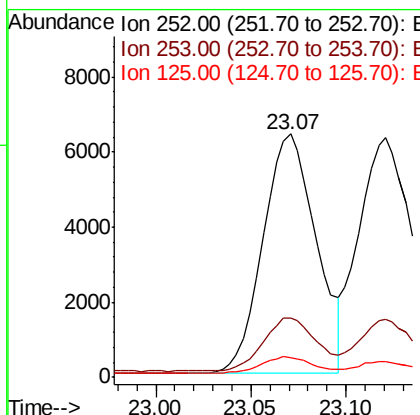
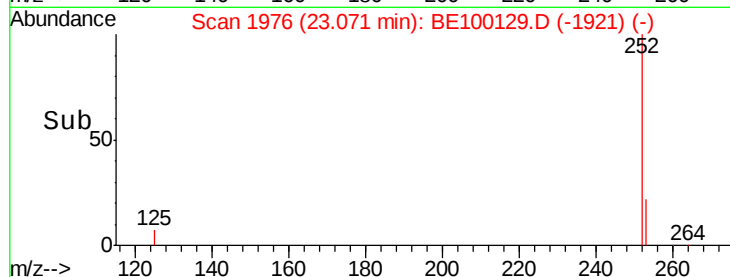
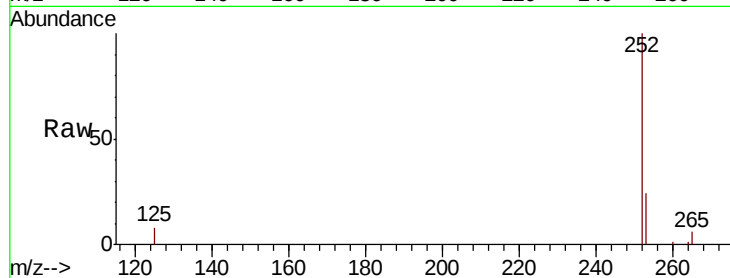




#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

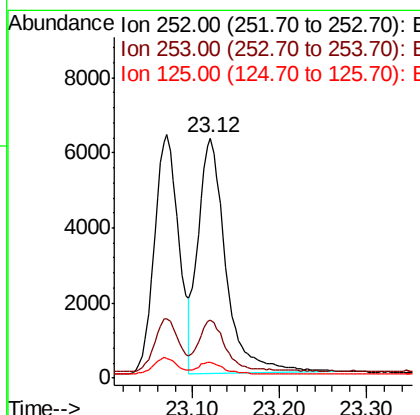
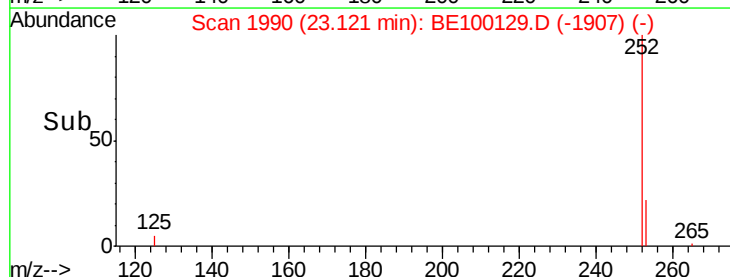
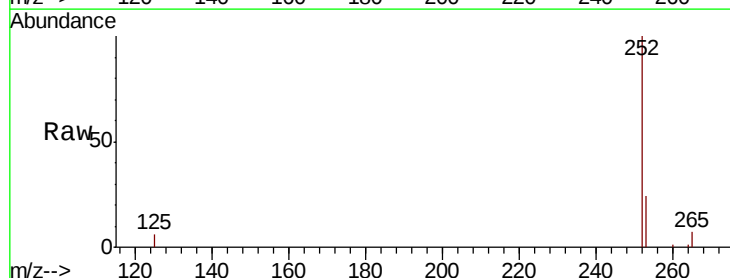
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

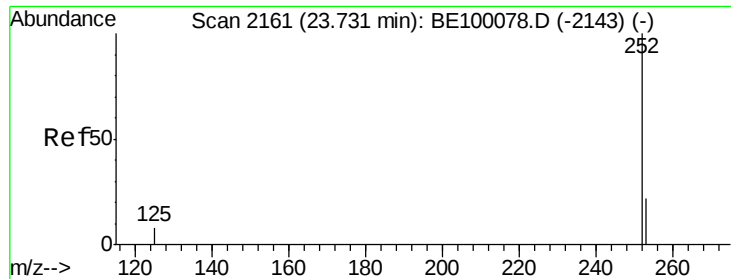
Tot Ion:252 Resp: 12436
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 8.3 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100129.D
Acq: 21 Jun 2019 4:28

Tgt Ion:252 Resp: 13809
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 6.4 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

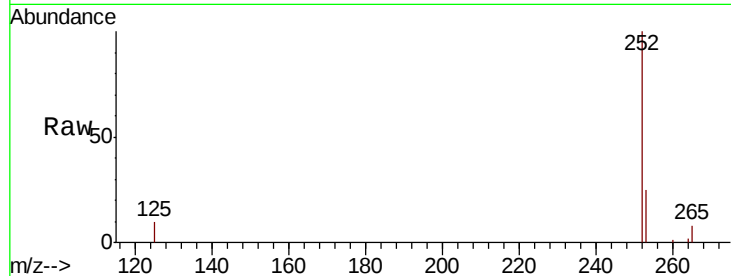
Tot Ion:252 Resp: 12440

Ion Ratio Lower Upper

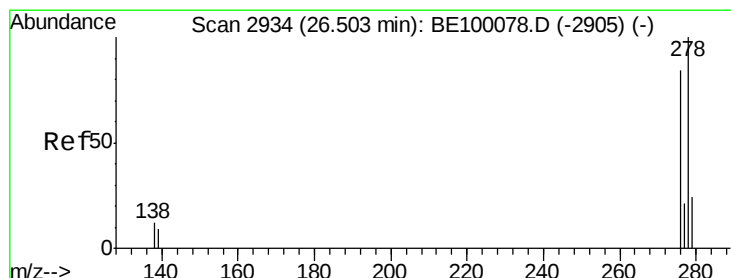
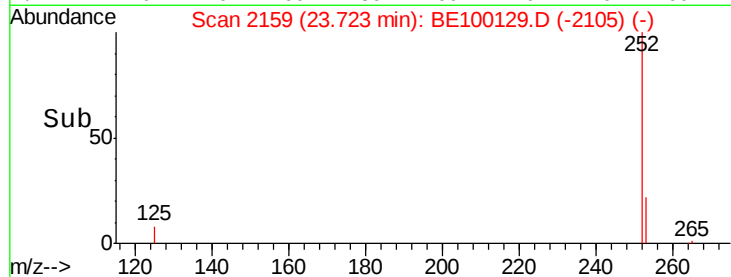
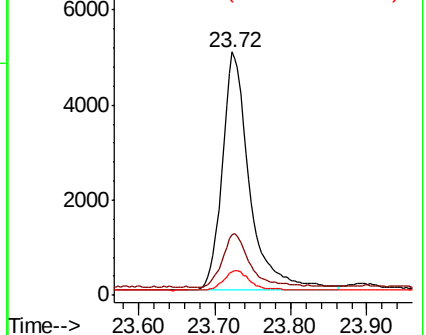
252 100

253 25.0 19.4 29.2

125 9.9 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: 0.352 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.01 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

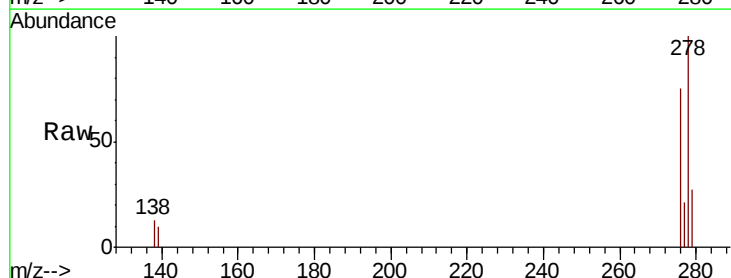
Tgt Ion:278 Resp: 11567

Ion Ratio Lower Upper

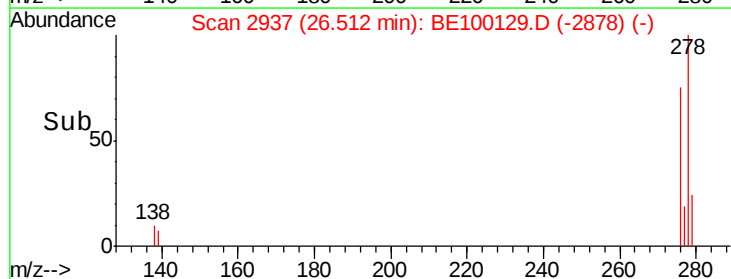
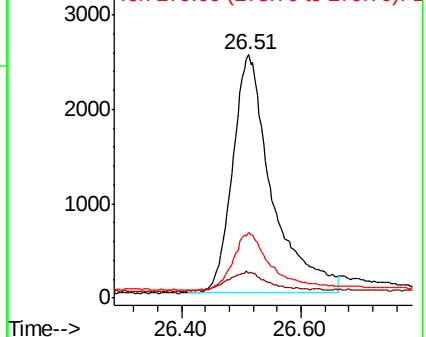
278 100

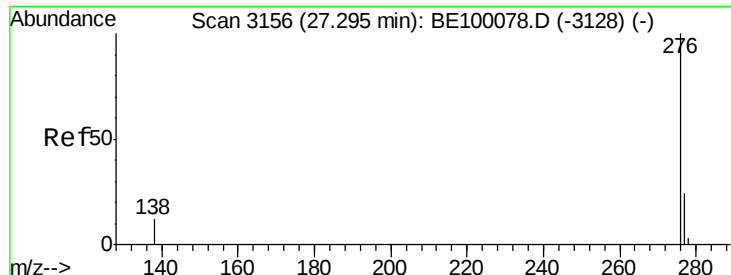
139 10.2 9.0 13.6

279 26.9 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: 0.345 ng

RT: 27.30 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BE100129.D

Acq: 21 Jun 2019 4:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

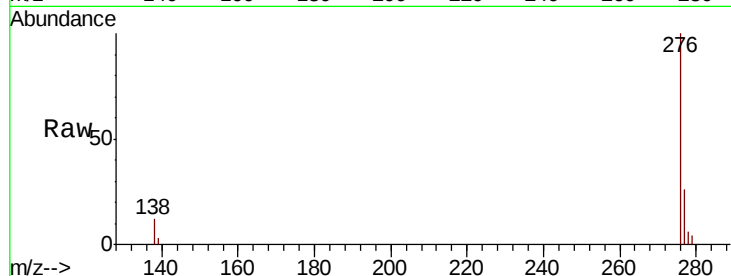
Tot Ion: 276 Resp: 11769

Ion Ratio Lower Upper

276 100

277 25.6 20.3 30.5

138 12.5 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

