

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100179.D
 Acq On : 25 Jun 2019 13:01
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	464	0.40	ng	-0.01
7) Naphthalene-d8	10.46	136	1554	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	1196	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	3471	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5617	0.40	ng	0.00
34) Perylene-d12	23.73	264	6914	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3639	3.33	ng	-0.01
5) Phenol-d6	6.84	99	4632	3.45	ng	-0.03
8) Nitrobenzene-d5	8.82	82	5560	3.79	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	9315	3.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	2538	3.10	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	14981	3.26	ng	-0.01
25) Fluoranthene-d10	19.13	212	163212	3.30	ng	0.00
29) Terphenyl-d14	19.73	244	34608	2.88	ng	0.00

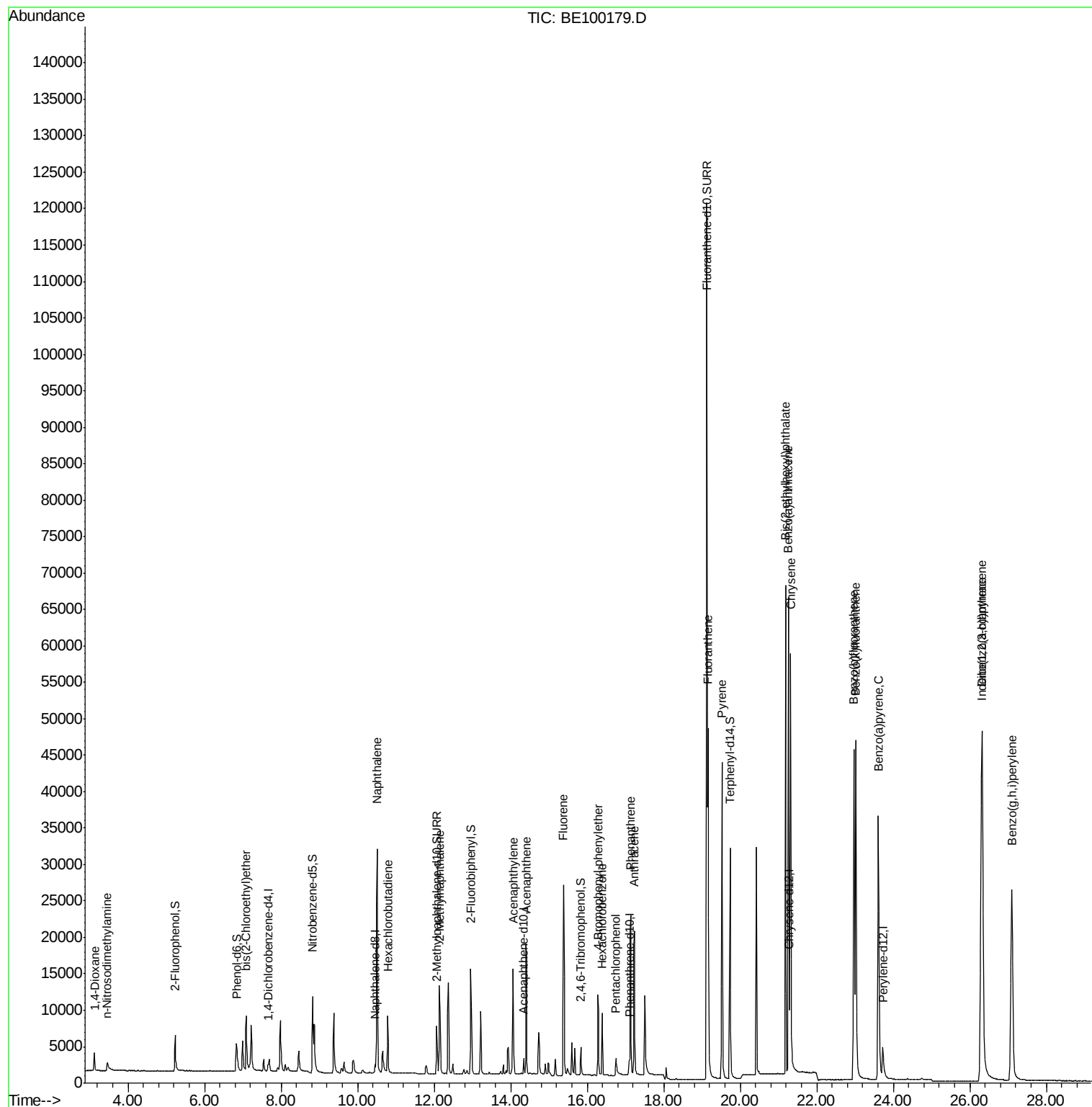
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	2277	3.455	ng	98
3) n-Nitrosodimethylamine	3.45	42	909	3.341	ng	# 48
6) bis(2-Chloroethyl)ether	7.09	93	3929	3.142	ng	# 83
9) Naphthalene	10.51	128	53918	3.212	ng	# 95
10) Hexachlorobutadiene	10.78	225	5378	3.351	ng	99
12) 2-Methylnaphthalene	12.14	142	9134	3.284	ng	96
16) Acenaphthylene	14.07	152	18603	3.263	ng	99
17) Acenaphthene	14.41	154	10454	3.225	ng	98
18) Fluorene	15.38	166	15133	3.192	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	7119	3.292	ng	92
21) Hexachlorobenzene	16.38	284	7699	3.372	ng	98
22) Pentachlorophenol	16.75	266	2251	3.380	ng	# 77
23) Phenanthrene	17.13	178	27618	3.400	ng	99
24) Anthracene	17.23	178	26214	3.624	ng	99
26) Fluoranthene	19.16	202	44805	3.431	ng	100
28) Pyrene	19.52	202	45011	2.848	ng	100
30) Benzo(a)anthracene	21.26	228	56333	3.306	ng	97
31) Chrysene	21.32	228	62296	3.308	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	64079	2.274	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	86741	4.006	ng	# 95
35) Benzo(b)fluoranthene	22.97	252	63926	3.620	ng	# 94
36) Benzo(k)fluoranthene	23.02	252	74099	3.455	ng	97
37) Benzo(a)pyrene	23.61	252	63921	3.483	ng	# 93
38) Dibenzo(a,h)anthracene	26.33	278	71101	3.851	ng	# 94
39) Benzo(g,h,i)perylene	27.10	276	71207	3.687	ng	97

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

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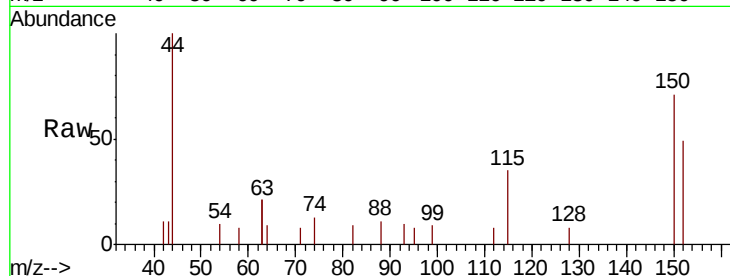


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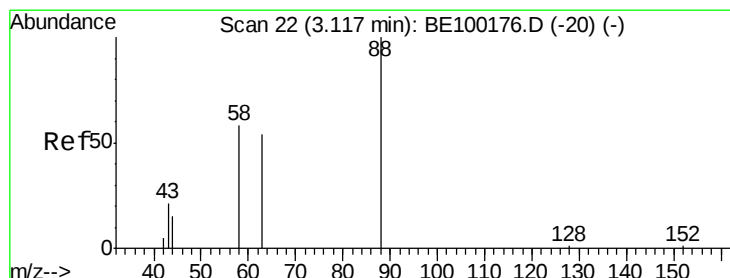
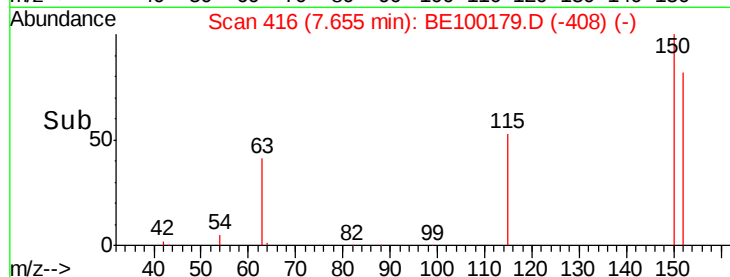
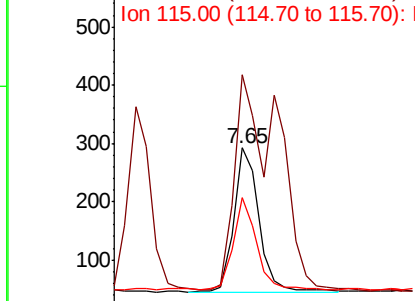
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 464
Ion Ratio Lower Upper
152 100
150 143.2 113.4 170.2
115 70.9 55.8 83.6



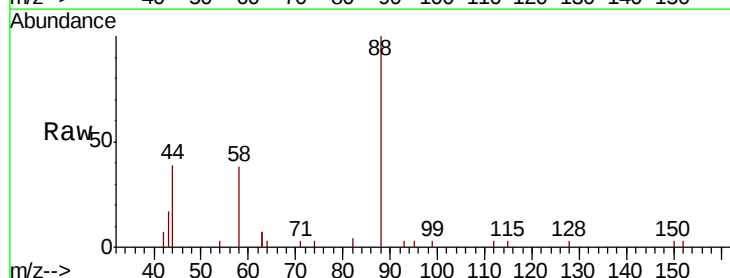
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



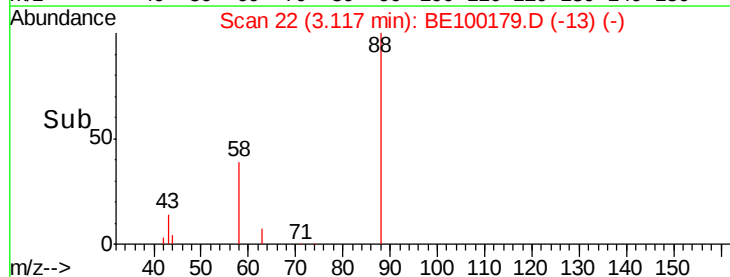
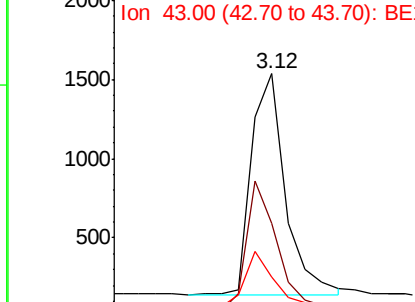
#2

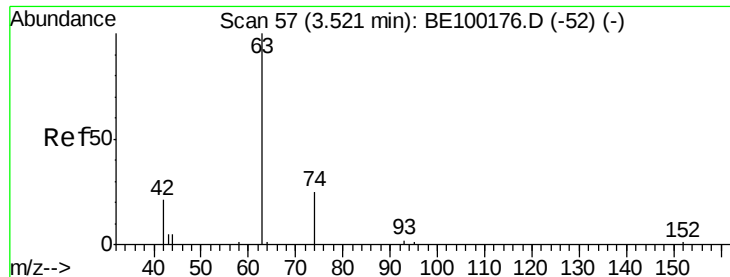
1,4-Dioxane
Concen: 3.455 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Tgt Ion: 88 Resp: 2277
Ion Ratio Lower Upper
88 100
58 53.2 43.8 65.6
43 22.6 19.4 29.2



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: 3.341 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.07 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

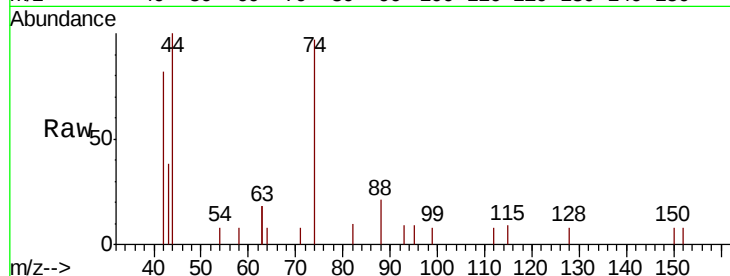
Tot Ion: 42 Resp: 909

Ion Ratio Lower Upper

42 100

74 216.4 193.2 289.8

44 0.0 114.5 171.7#



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

800

600

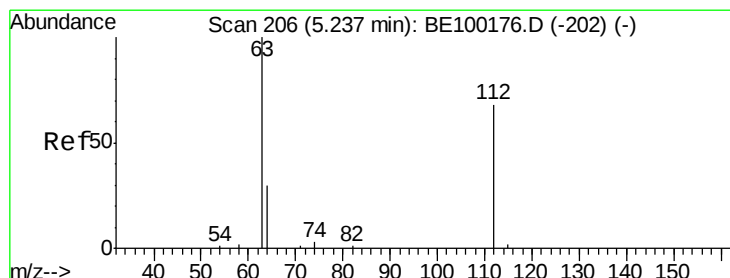
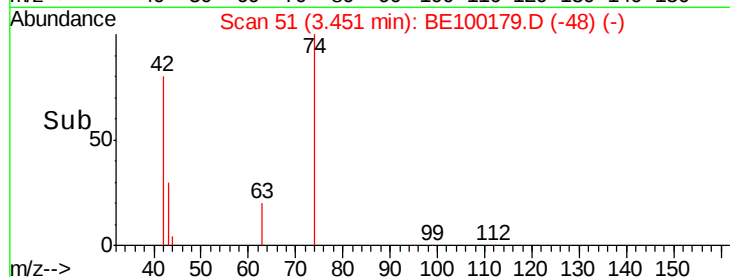
400

200

0

3.40 3.45 3.50 3.55 3.60

Time-->



#4

2-Fluorophenol

Concen: 3.333 ng

RT: 5.22 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

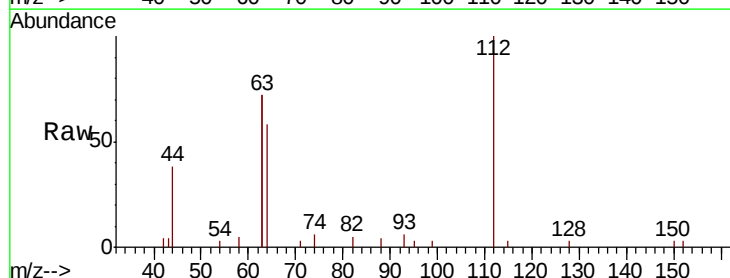
Tgt Ion: 112 Resp: 3639

Ion Ratio Lower Upper

112 100

64 53.8 40.7 61.1

63 129.6 93.2 139.8



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

3000

2500

2000

1500

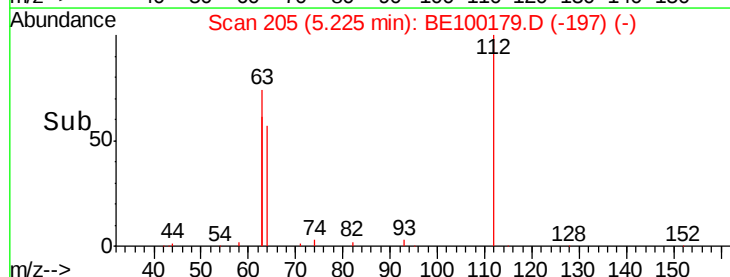
1000

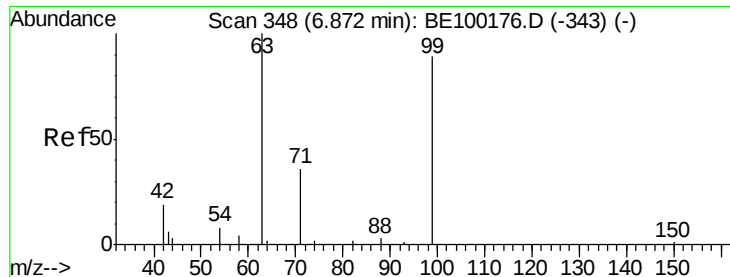
500

0

5.20 5.40

Time-->





#5

Phenol-d6

Concen: 3.455 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.03 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

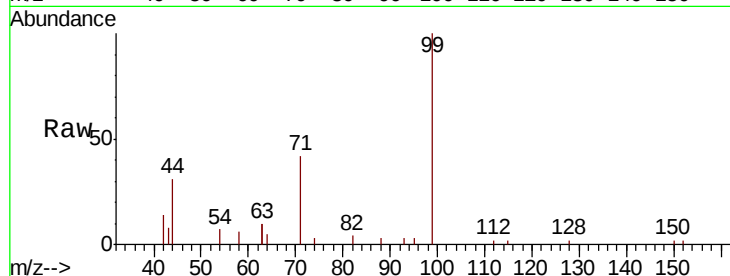
Tot Ion: 99 Resp: 4632

Ion Ratio Lower Upper

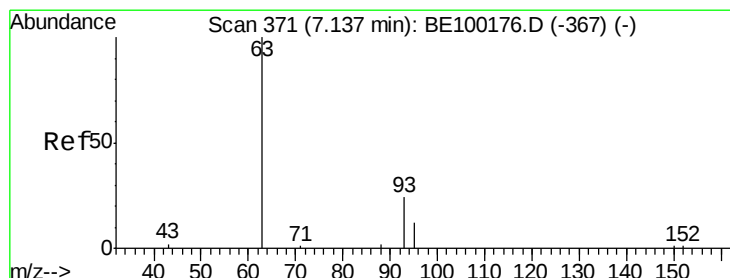
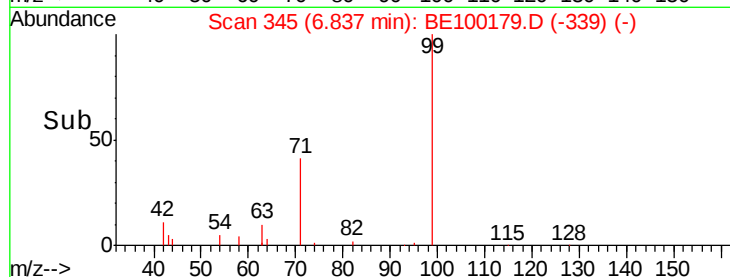
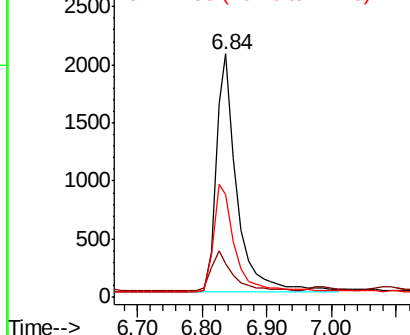
99 100

42 16.5 10.4 15.6#

71 48.1 32.4 48.6



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: 3.142 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.05 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

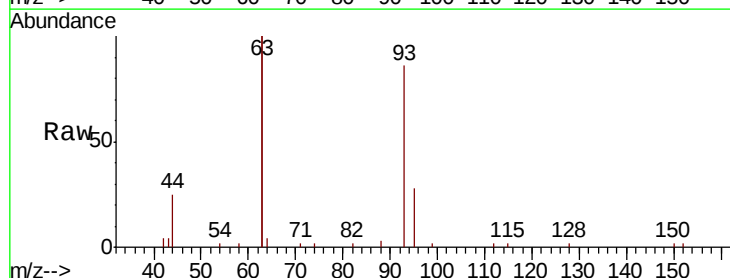
Tgt Ion: 93 Resp: 3929

Ion Ratio Lower Upper

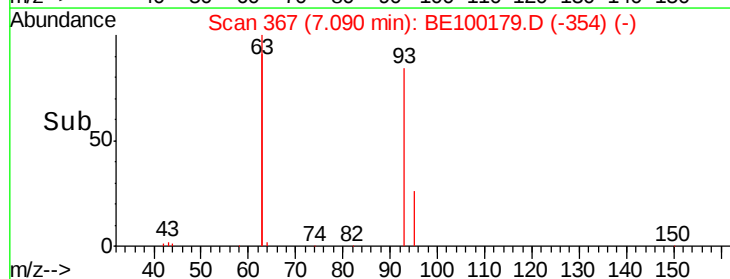
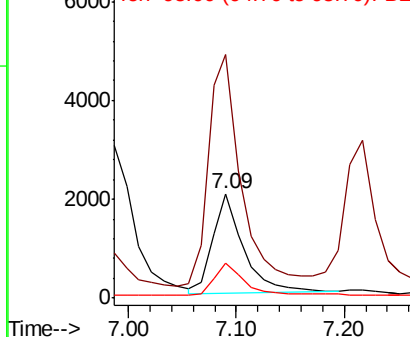
93 100

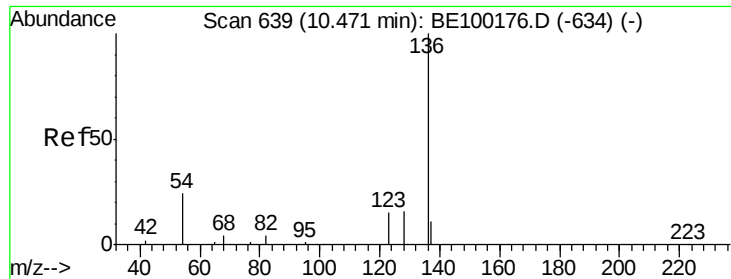
63 249.3 0.0 0.0#

95 35.2 21.0 31.6#



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: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1554

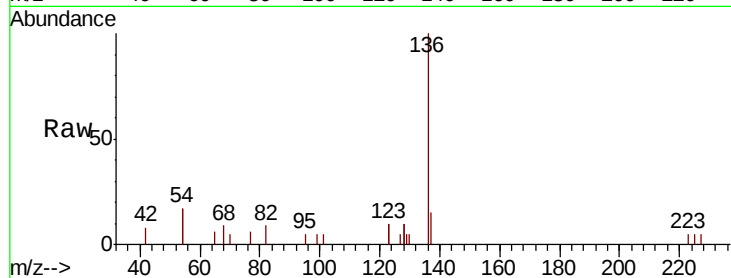
Ion Ratio Lower Upper

136 100

137 15.0 13.8 20.8

54 34.8 35.4 53.2#

68 8.7 8.8 13.2#

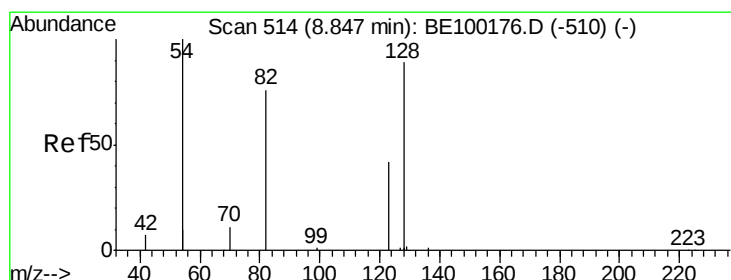
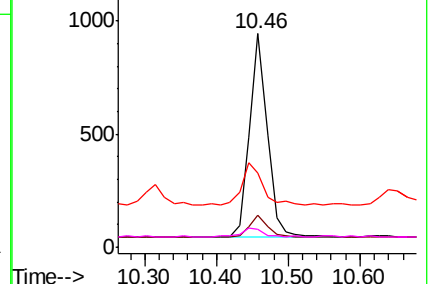
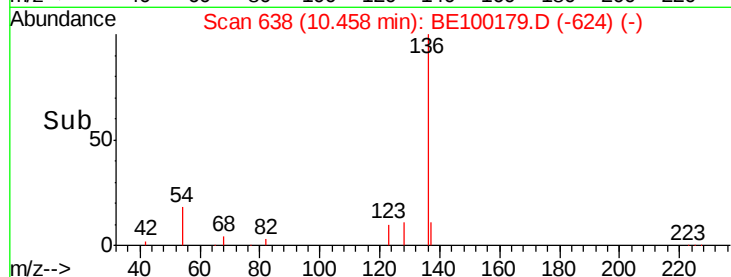


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.791 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

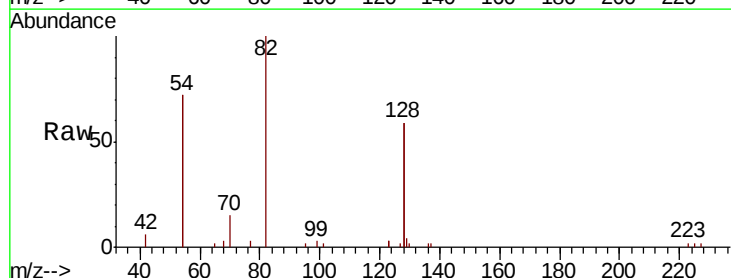
Tgt Ion: 82 Resp: 5560

Ion Ratio Lower Upper

82 100

128 117.5 144.6 217.0#

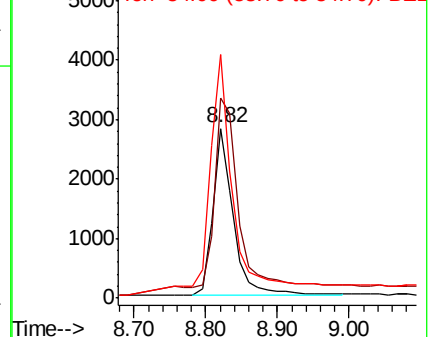
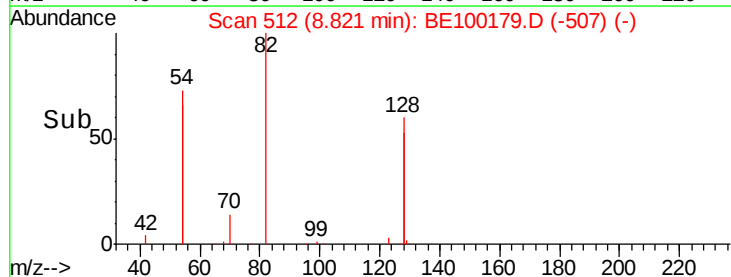
54 143.3 163.0 244.6#

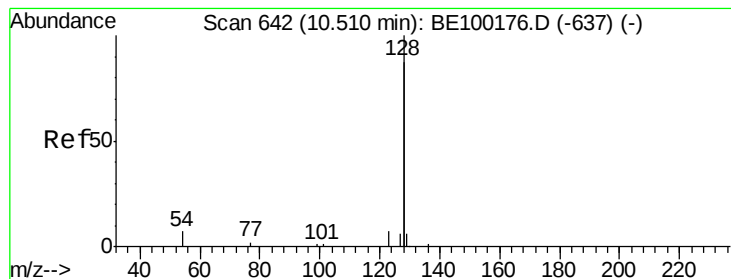


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.212 ng

RT: 10.51 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

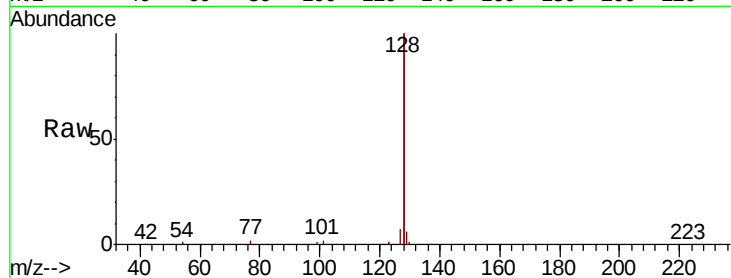
Tot Ion:128 Resp: 53918

Ion Ratio Lower Upper

128 100

129 2.8 3.6 5.4#

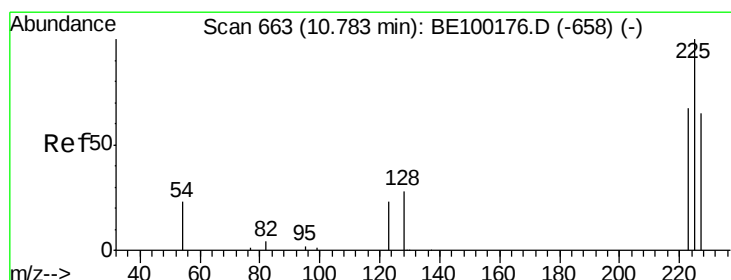
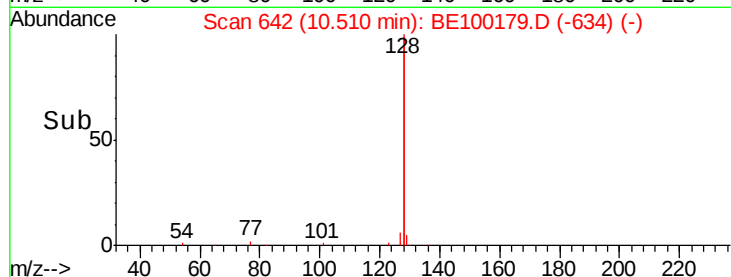
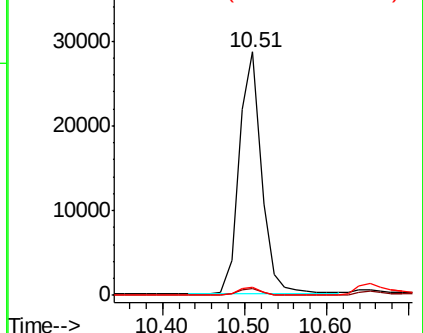
127 3.3 3.8 5.8#



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: 3.351 ng

RT: 10.78 min Scan# 663

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

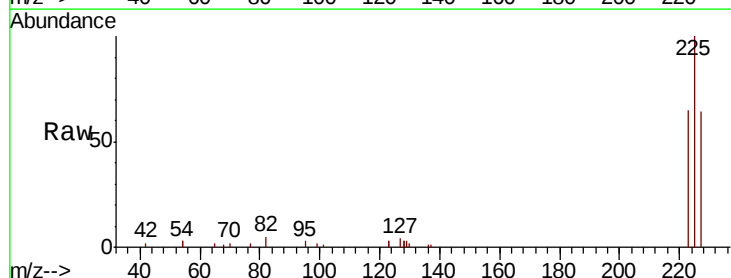
Tgt Ion:225 Resp: 5378

Ion Ratio Lower Upper

225 100

223 64.0 50.1 75.1

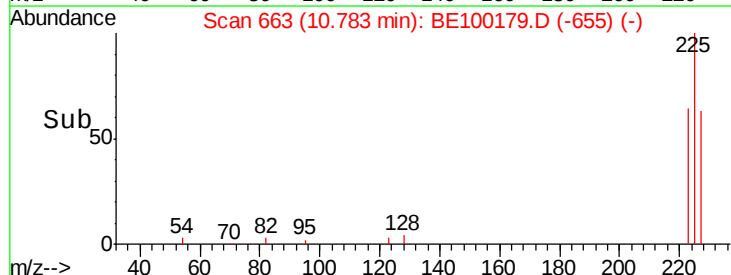
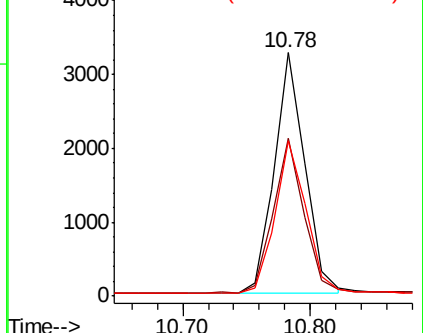
227 63.7 50.9 76.3

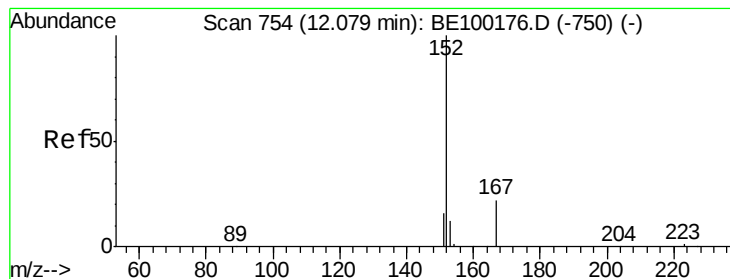


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.209 ng

RT: 12.06 min Scan# 753

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

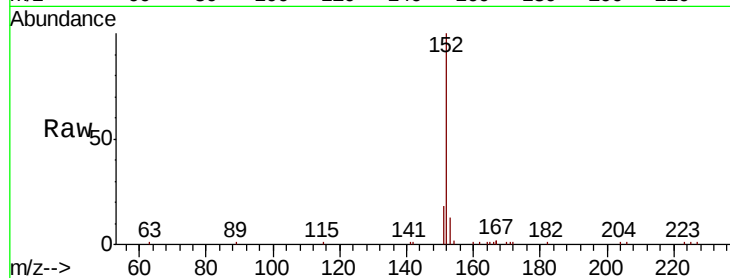
ClientSampleId :

Tot Ion:152 Resp: 9315

Ion Ratio Lower Upper

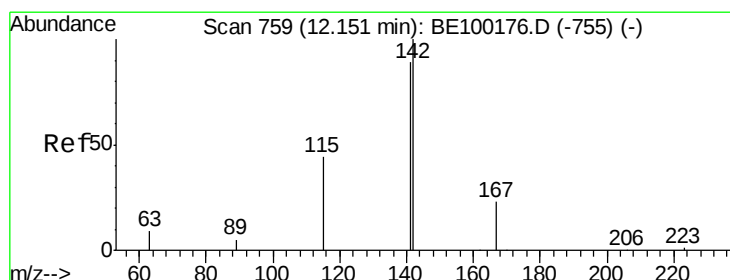
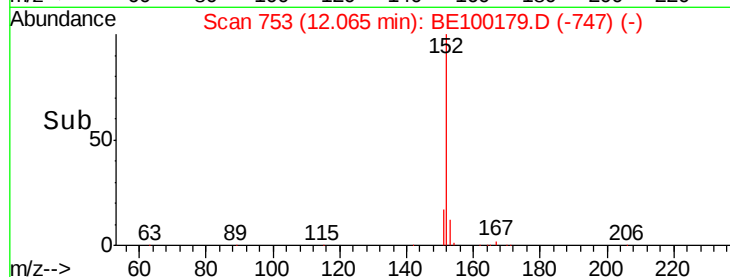
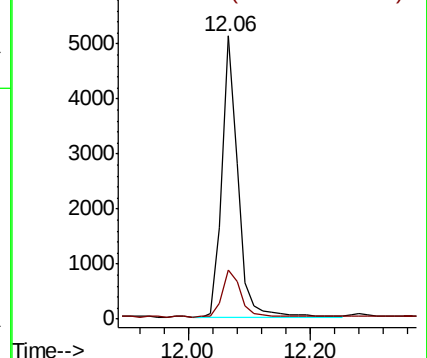
152 100

151 19.4 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: 3.284 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

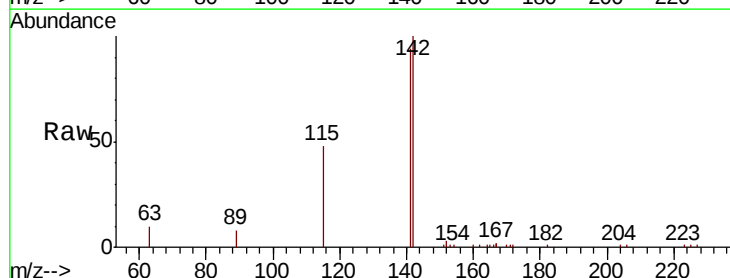
Tgt Ion:142 Resp: 9134

Ion Ratio Lower Upper

142 100

141 93.9 71.8 107.8

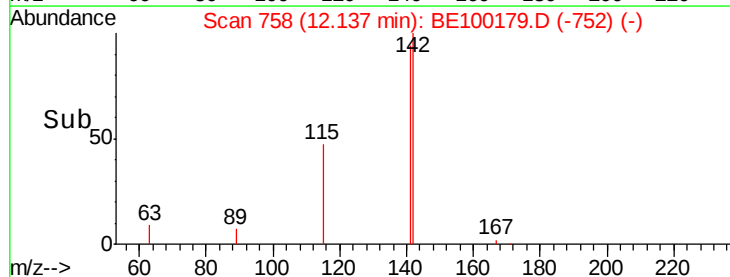
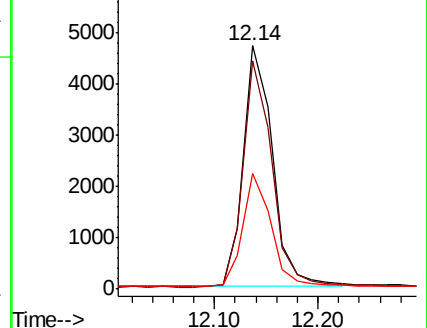
115 47.7 40.4 60.6

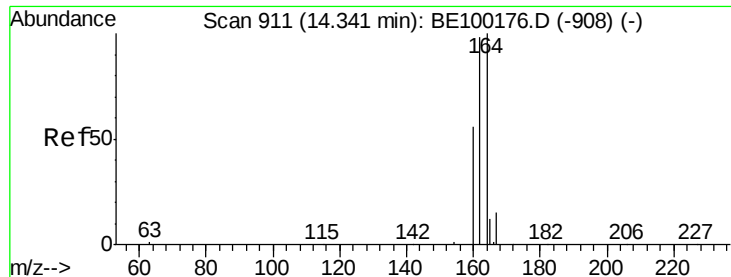


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

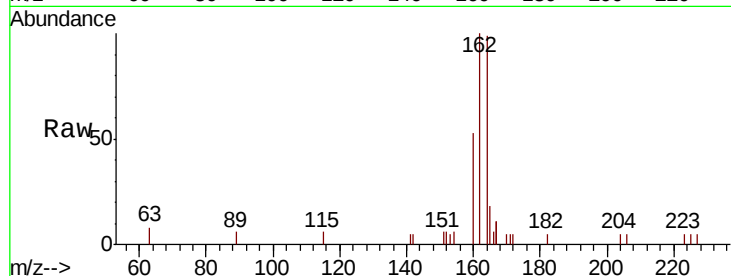




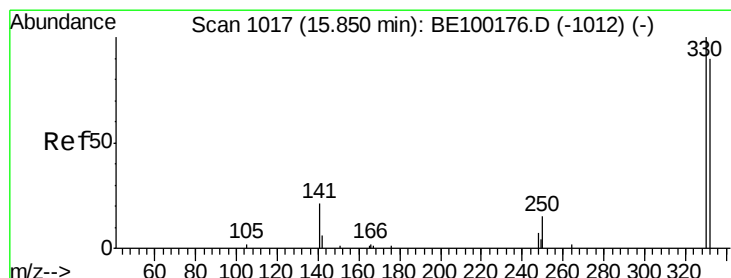
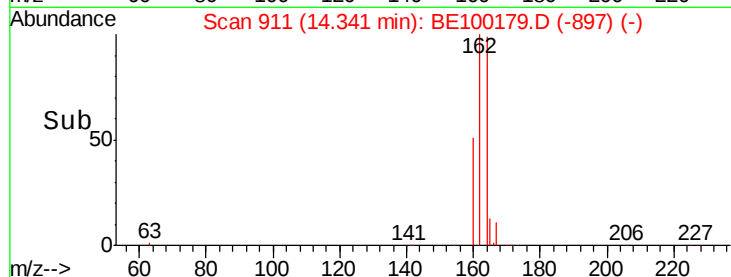
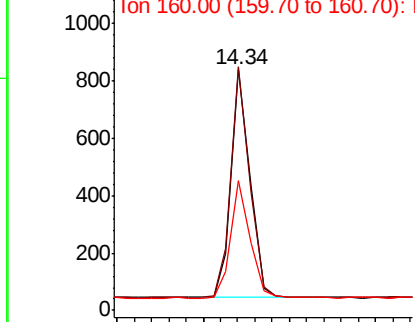
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1196
Ion Ratio Lower Upper
164 100
162 101.2 78.6 118.0
160 54.0 46.9 70.3

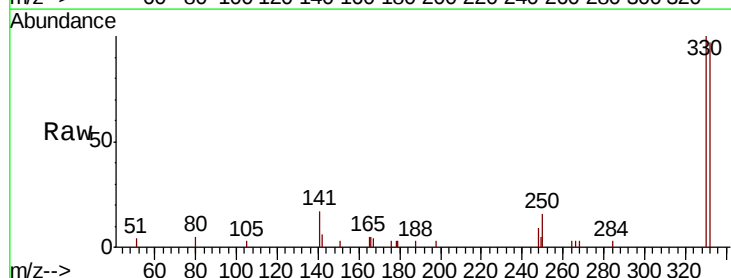


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

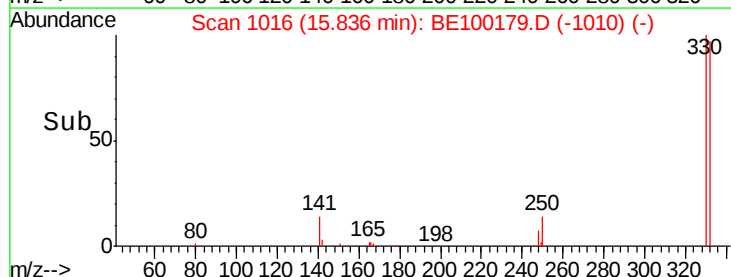
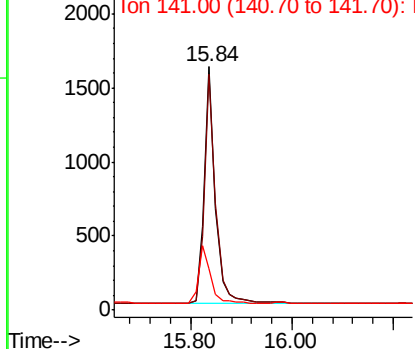


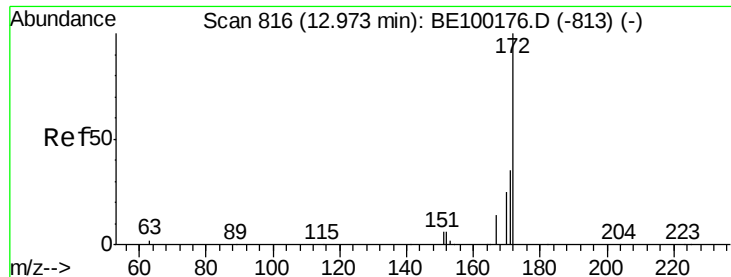
#14
2,4,6-Tribromophenol
Concen: 3.097 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Tgt Ion:330 Resp: 2538
Ion Ratio Lower Upper
330 100
332 98.1 77.7 116.5
141 25.9 18.9 28.3



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: 3.257 ng

RT: 12.96 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

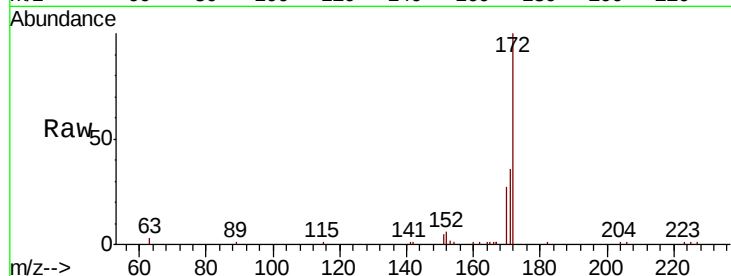
Instrument :

BNA_E

ClientSampled :

Tot Ion:172 Resp: 14981

Ion	Ratio	Lower	Upper
172	100		
171	35.7	31.0	46.4
170	26.5	23.9	35.9

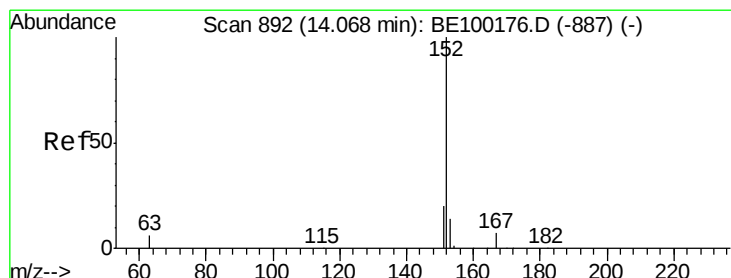
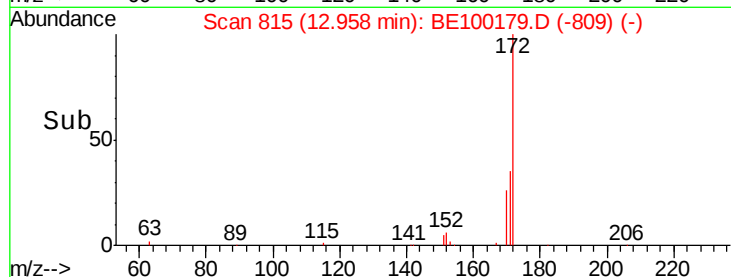
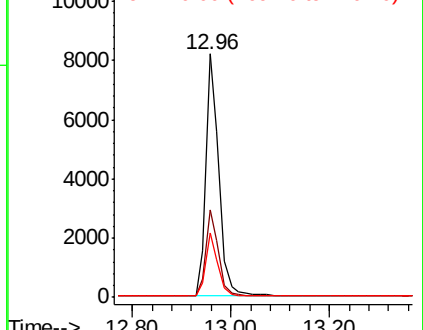


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.263 ng

RT: 14.07 min Scan# 892

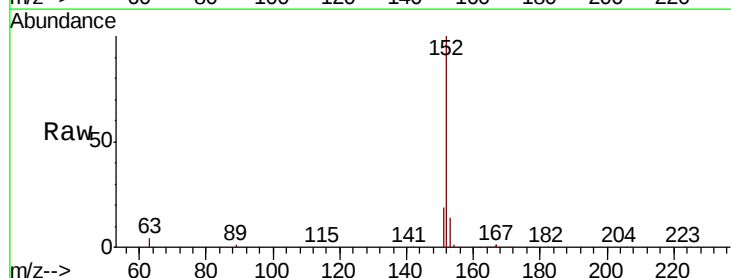
Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Tgt Ion:152 Resp: 18603

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	12.9	10.8	16.2

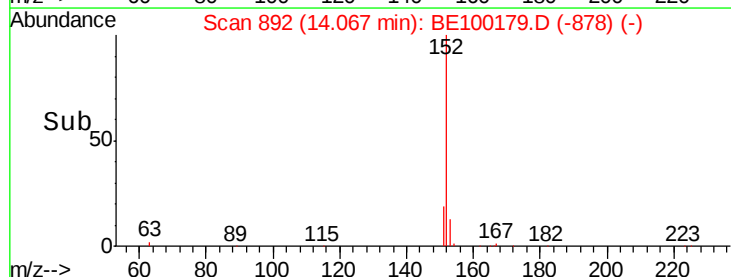
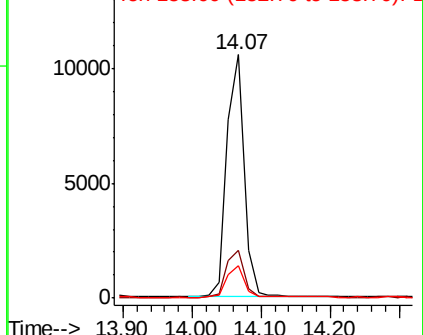


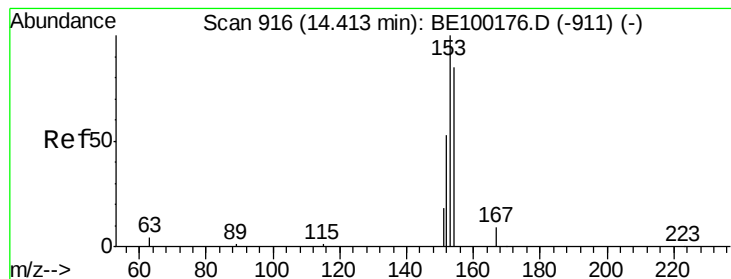
Abundance

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: 3.225 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

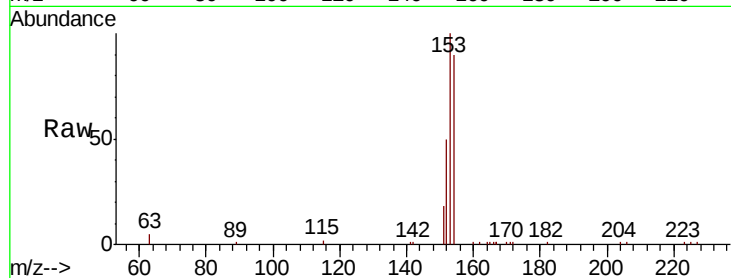
Tot Ion:154 Resp: 10454

Ion Ratio Lower Upper

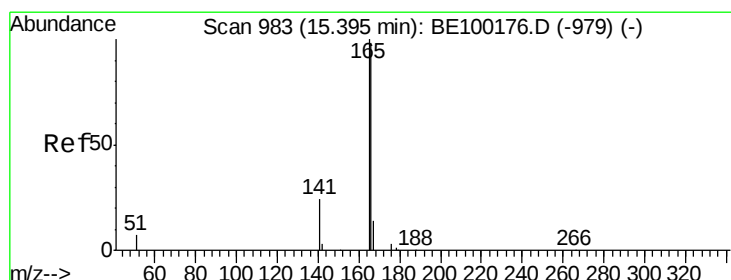
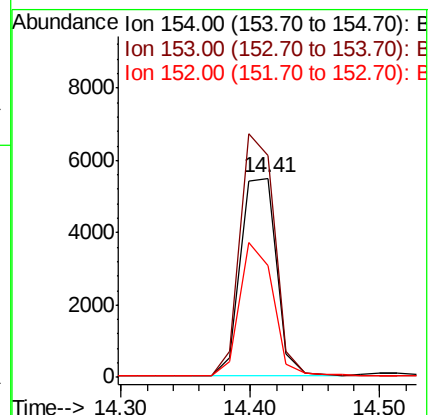
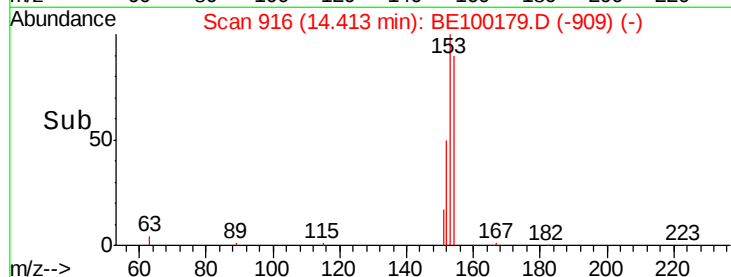
154 100

153 118.0 95.3 142.9

152 62.4 52.9 79.3



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: 3.192 ng

RT: 15.38 min Scan# 982

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

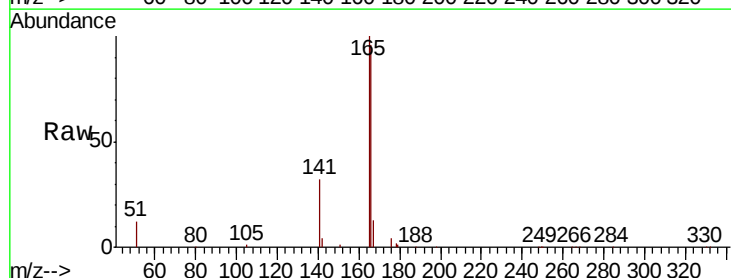
Tgt Ion:166 Resp: 15133

Ion Ratio Lower Upper

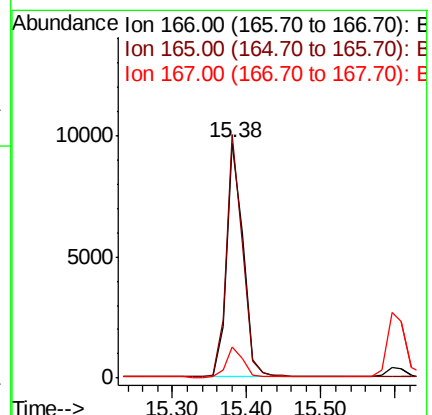
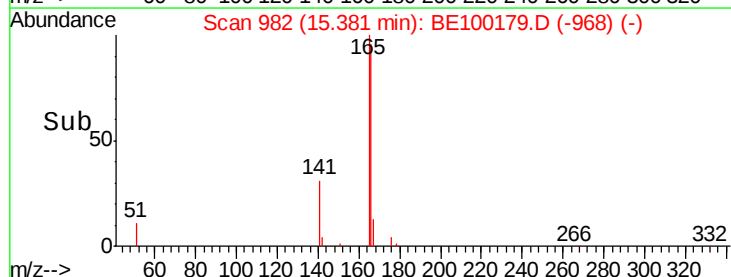
166 100

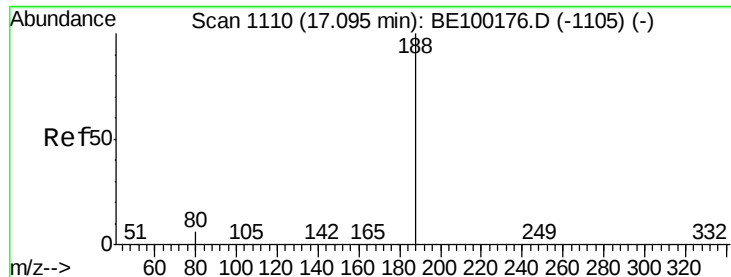
165 101.3 81.0 121.4

167 13.3 11.4 17.0



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

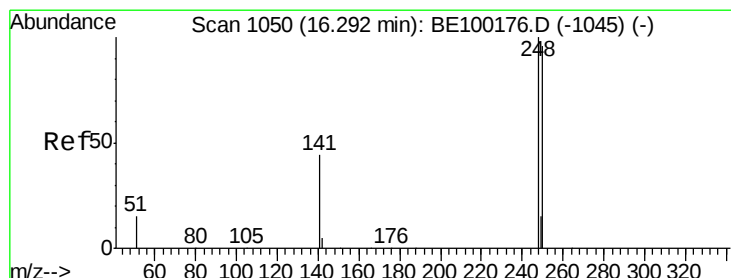
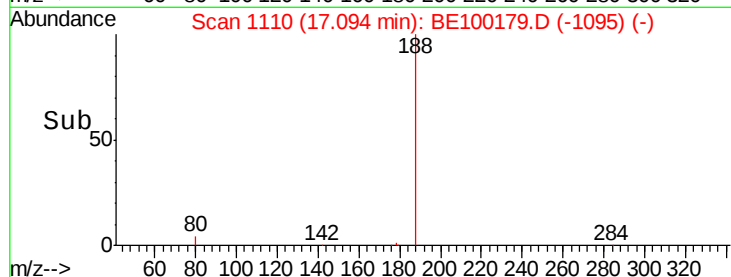
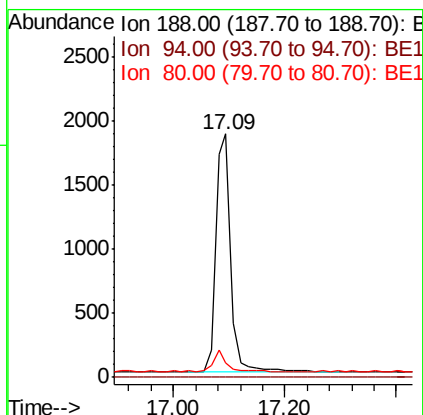
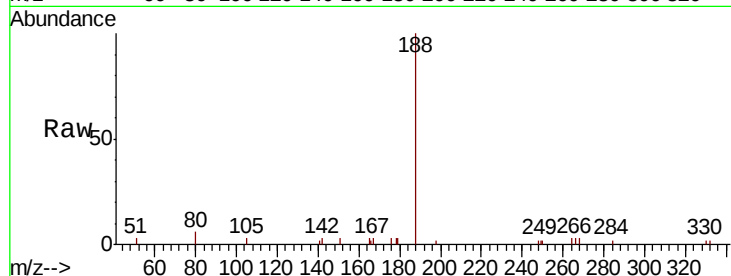




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

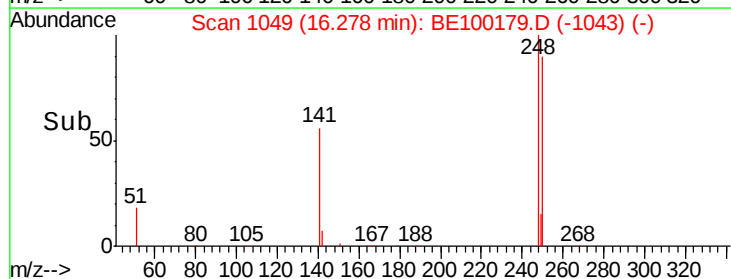
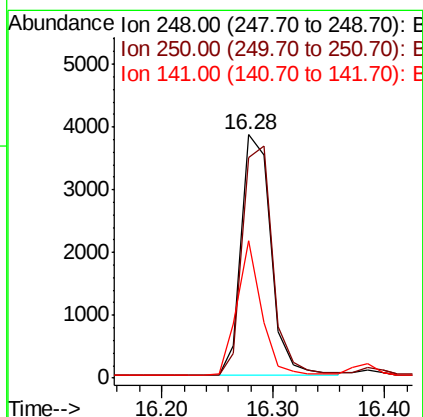
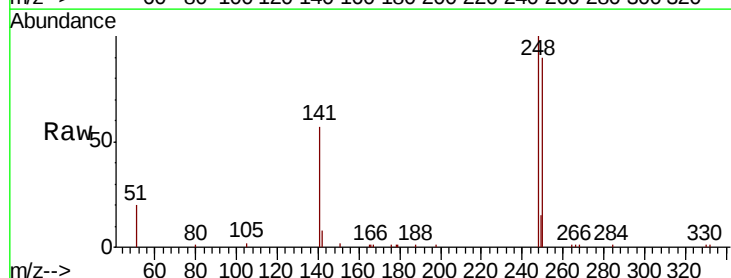
Instrument :
BNA_E
ClientSampleId :

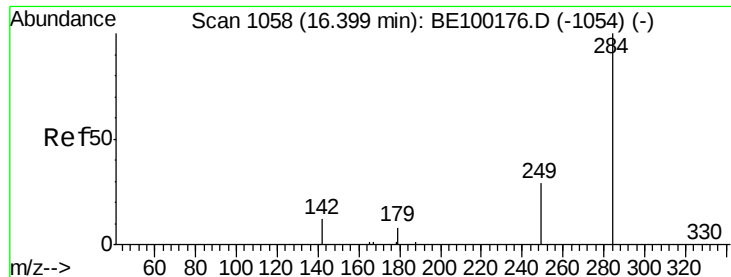
Tot Ion:188 Resp: 3471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 6.4 9.6#



#20
4-Bromophenyl-phenylether
Concen: 3.292 ng
RT: 16.28 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Tgt Ion:248 Resp: 7119
Ion Ratio Lower Upper
248 100
250 90.4 77.1 115.7
141 56.7 39.5 59.3





#21

Hexachlorobenzene

Concen: 3.372 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

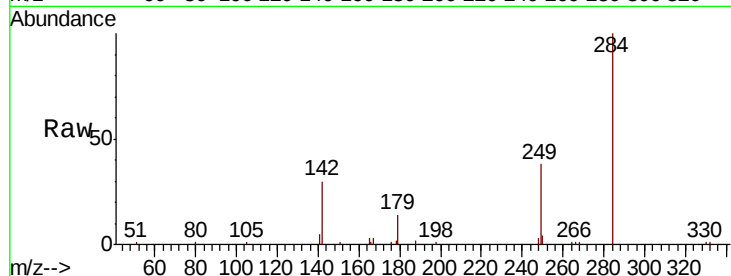
Tot Ion:284 Resp: 7699

Ion Ratio Lower Upper

284 100

142 24.0 20.1 30.1

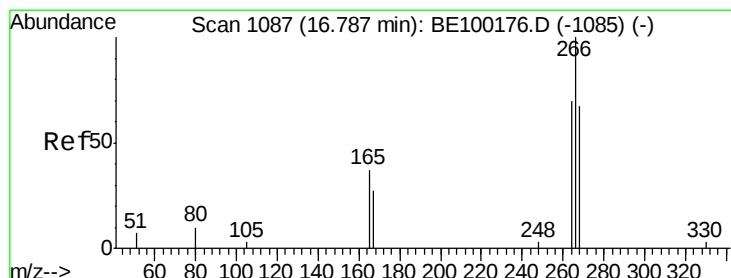
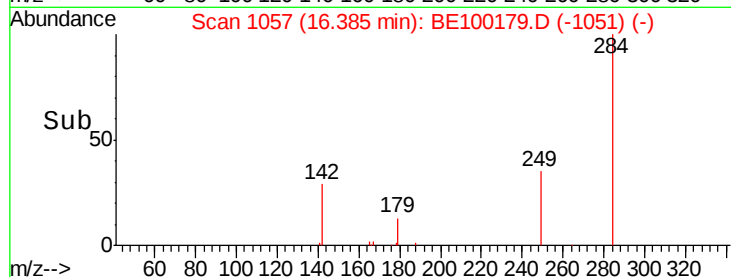
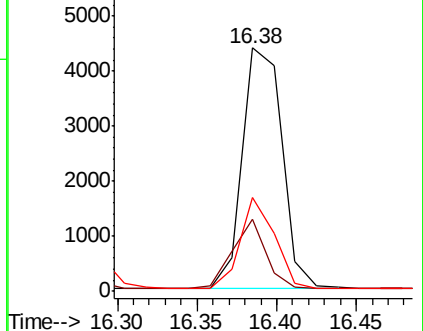
249 32.0 26.2 39.4



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: 3.380 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

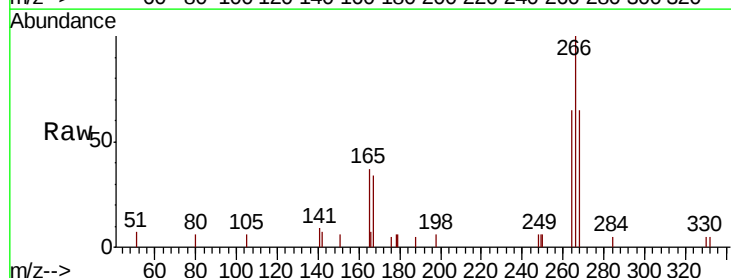
Tgt Ion:266 Resp: 2251

Ion Ratio Lower Upper

266 100

264 64.7 67.7 101.5#

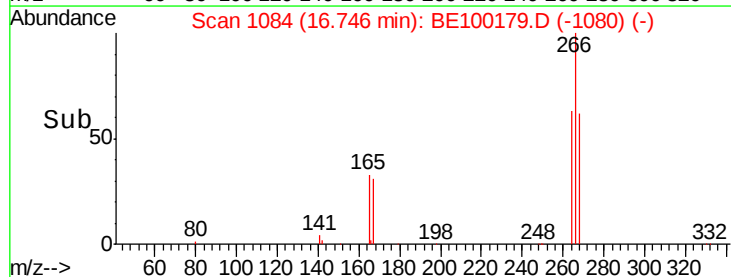
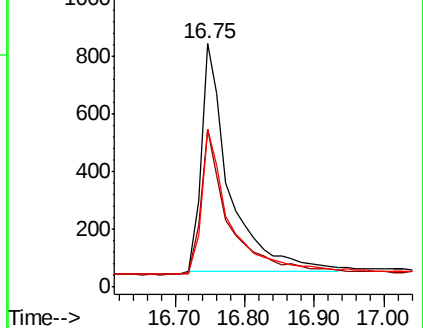
268 64.7 69.8 104.6#

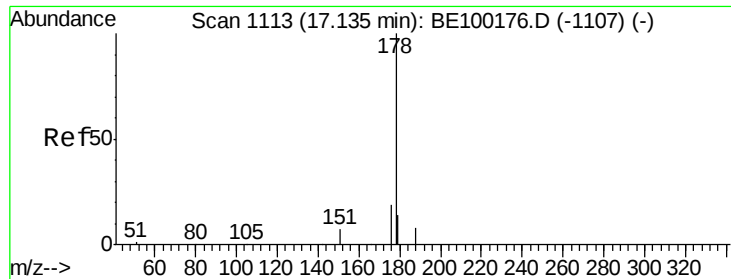


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

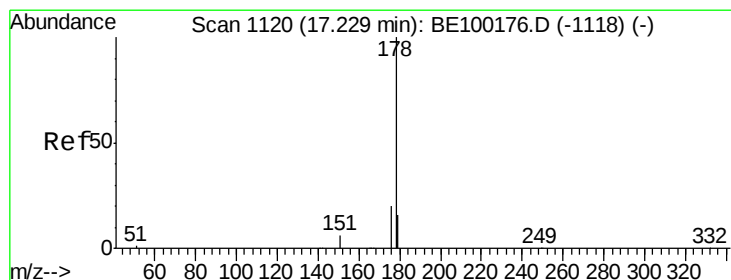
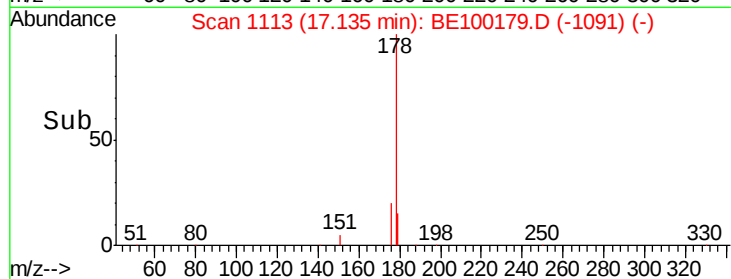
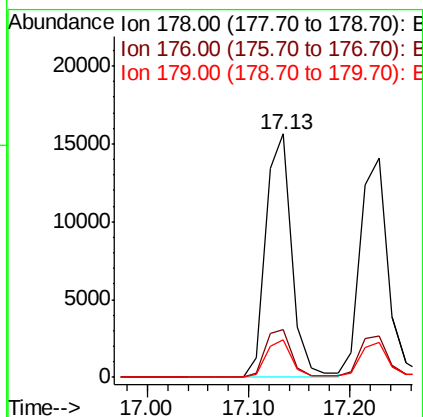
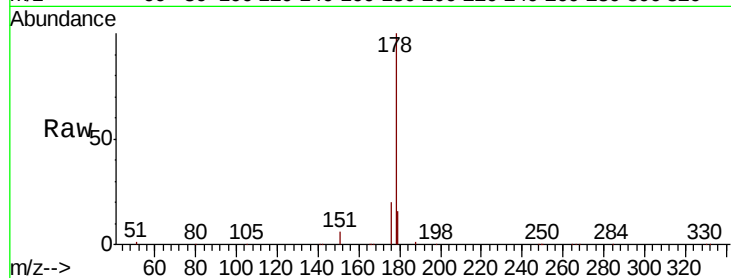




#23
Phenanthrene
Concen: 3.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

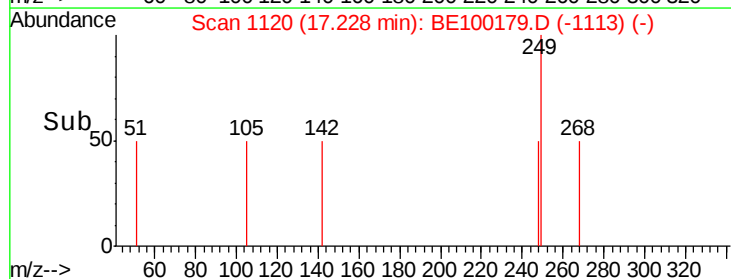
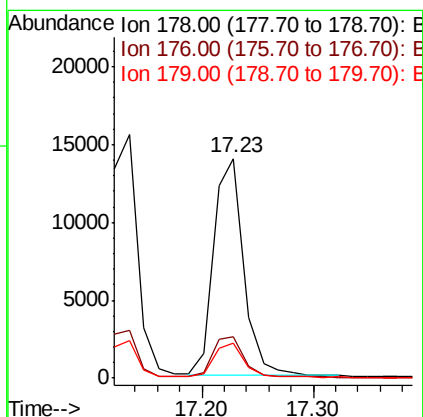
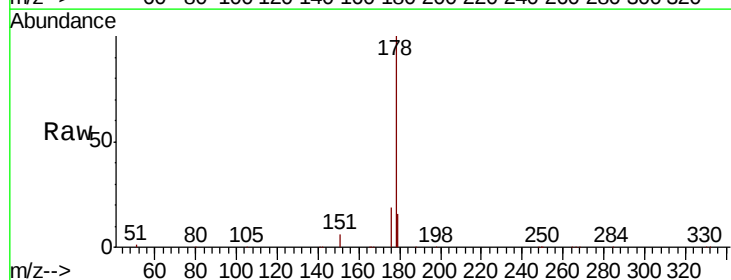
Instrument :
BNA_E
ClientSampleId :

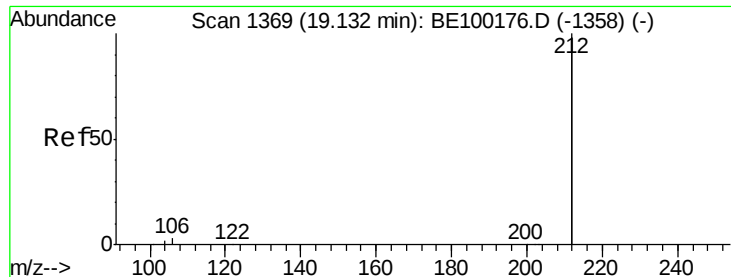
Tot Ion:178 Resp: 27618
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.1 12.2 18.2



#24
Anthracene
Concen: 3.624 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Tgt Ion:178 Resp: 26214
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.9 19.3





#25

Fluoranthene-d10

Concen: 3.297 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

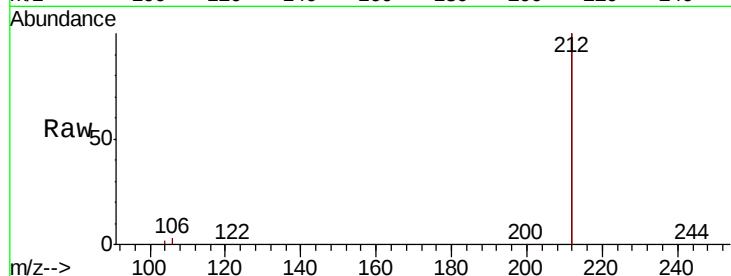
Tot Ion:212 Resp: 163212

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

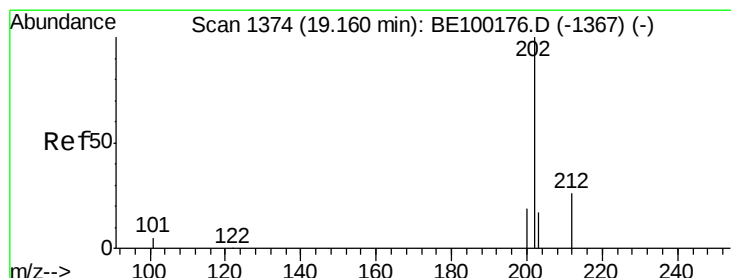
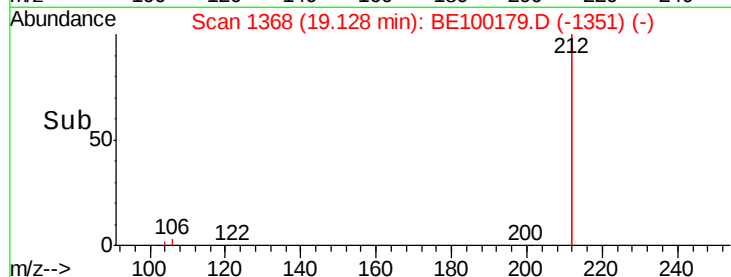
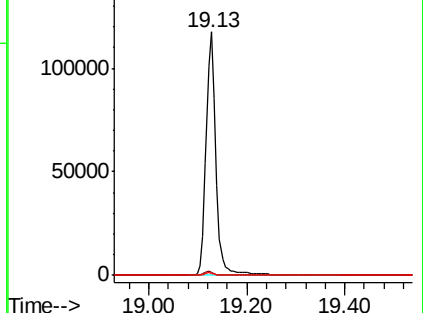
104 0.9 0.7 1.1



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: 3.431 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

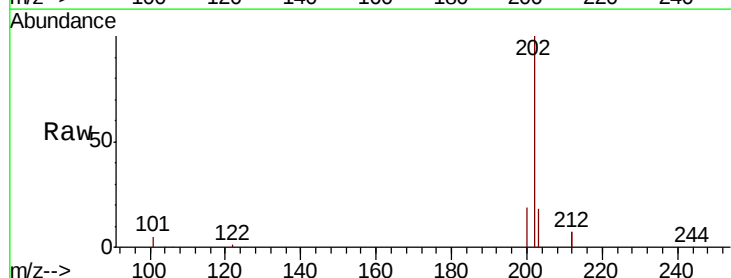
Tgt Ion:202 Resp: 44805

Ion Ratio Lower Upper

202 100

101 5.9 4.5 6.7

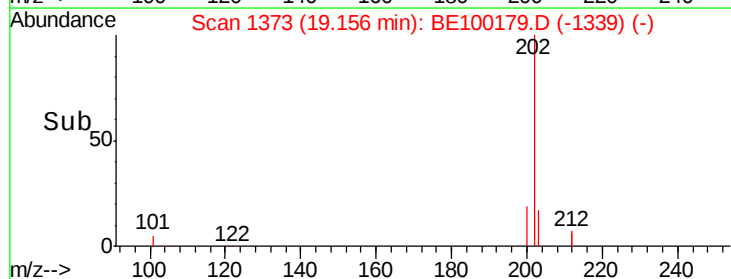
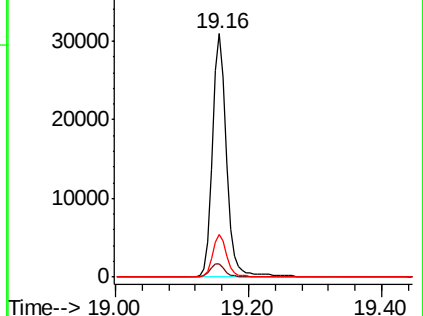
203 17.1 13.7 20.5

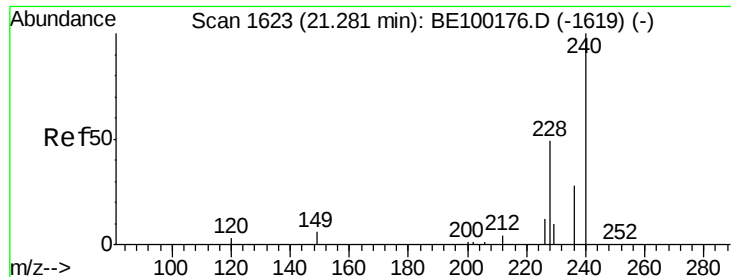


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

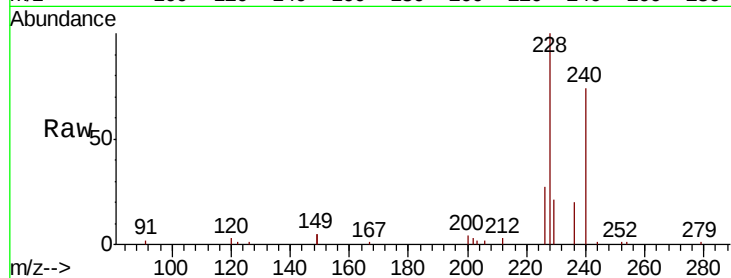
Tot Ion:240 Resp: 5617

Ion Ratio Lower Upper

240 100

120 3.7 4.1 6.1#

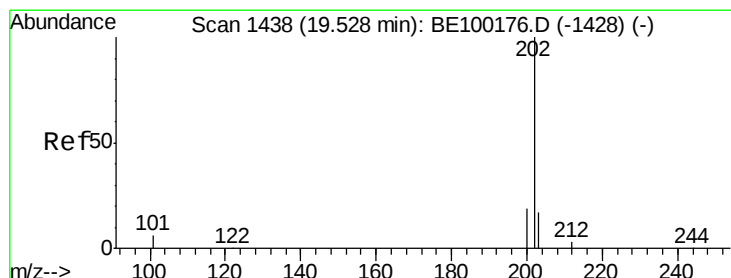
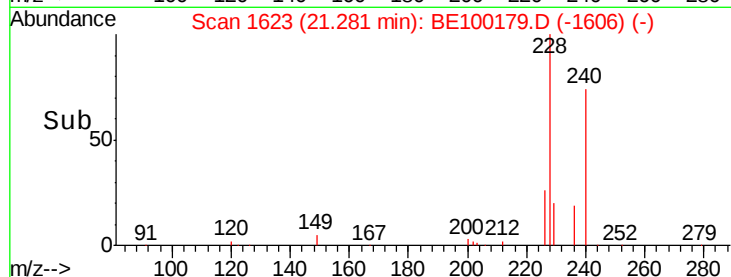
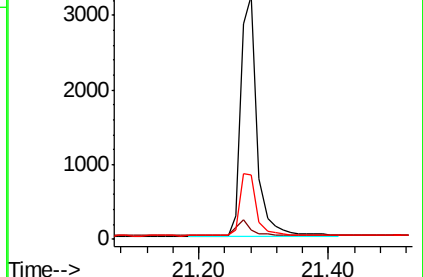
236 26.7 23.0 34.6



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: 2.848 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

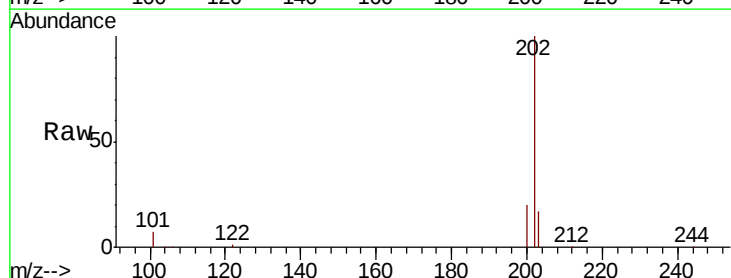
Tgt Ion:202 Resp: 45011

Ion Ratio Lower Upper

202 100

200 19.7 15.5 23.3

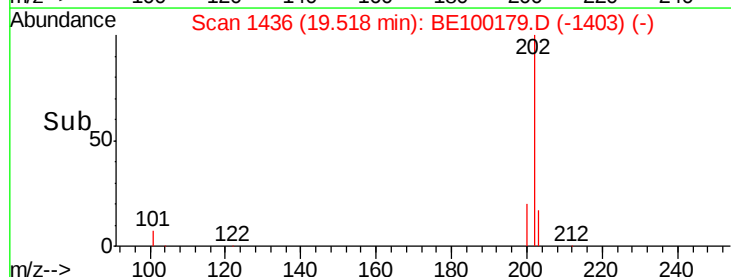
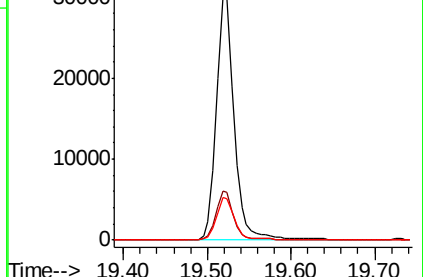
203 17.4 13.9 20.9

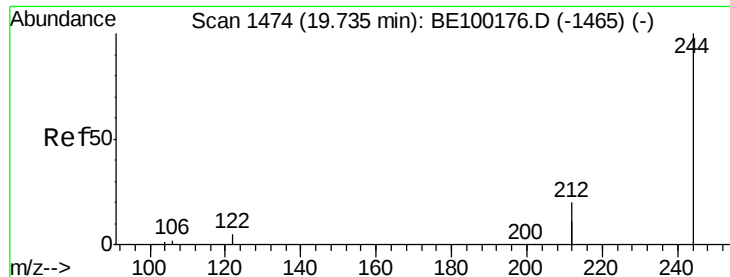


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.883 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

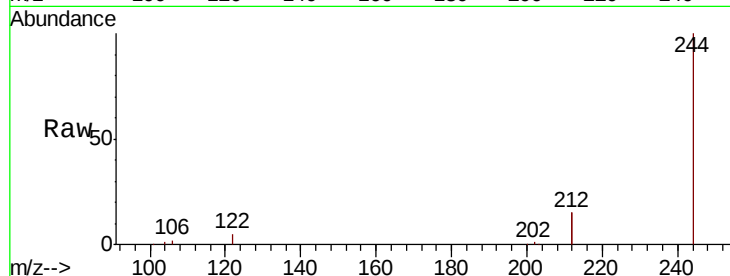
Tot Ion:244 Resp: 34608

Ion Ratio Lower Upper

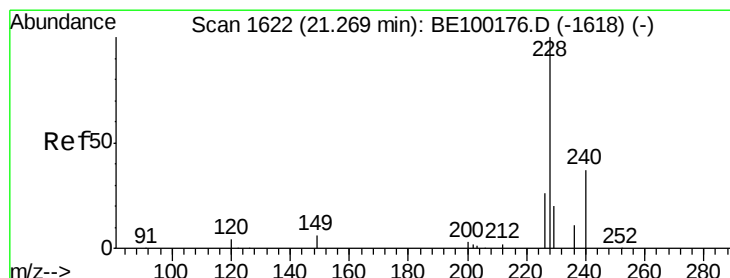
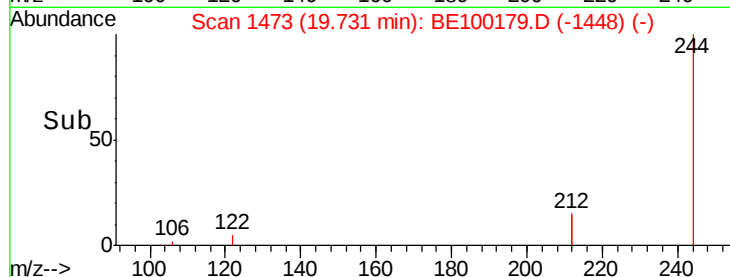
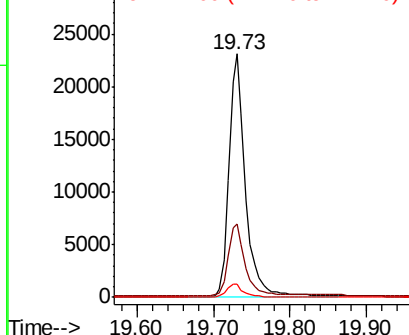
244 100

212 30.1 30.7 46.1#

122 5.2 5.8 8.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.306 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

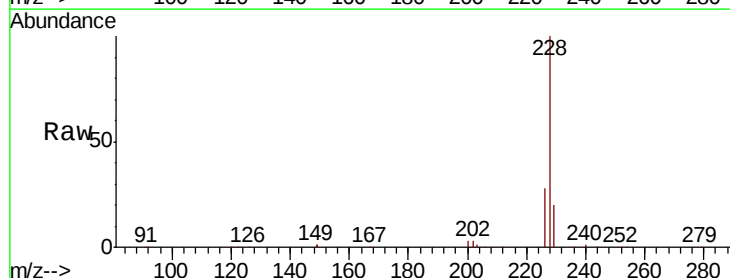
Tgt Ion:228 Resp: 56333

Ion Ratio Lower Upper

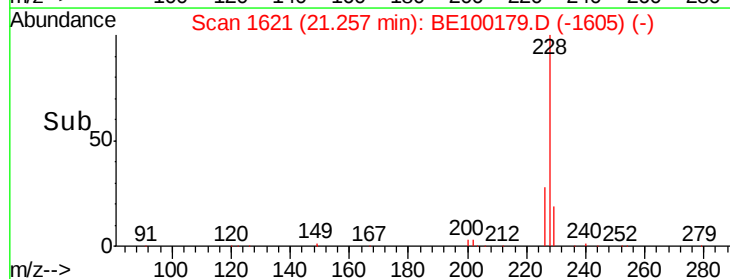
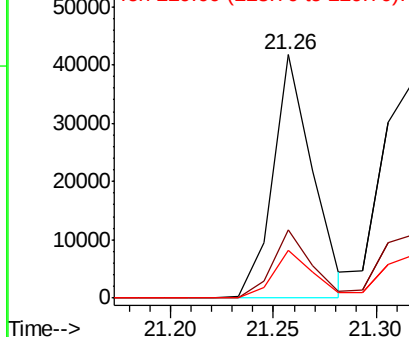
228 100

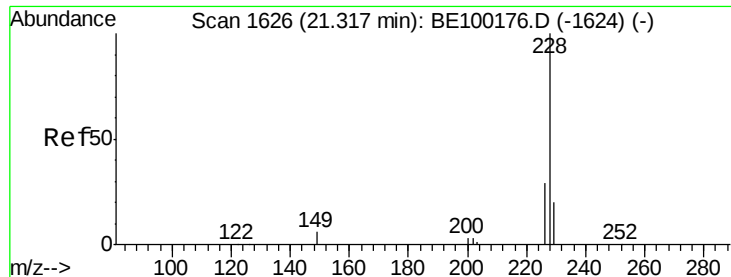
226 28.0 21.5 32.3

229 19.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

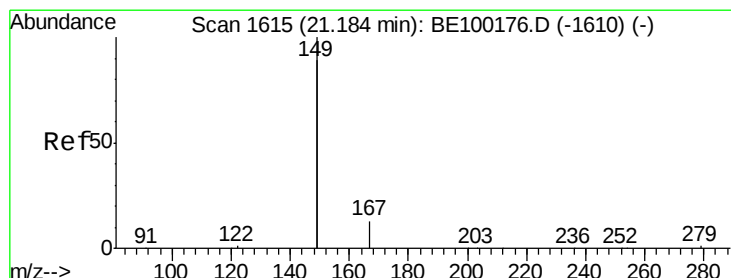
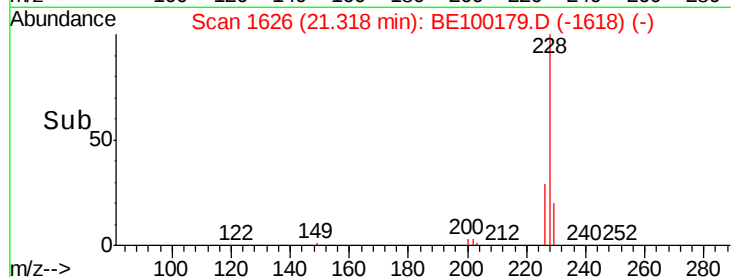
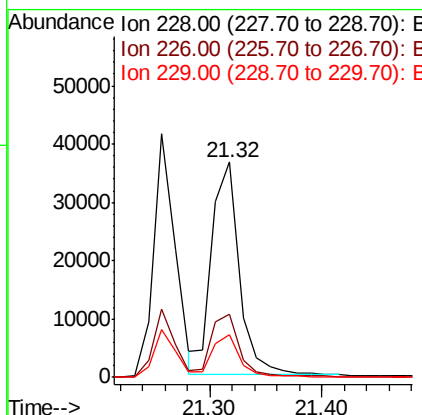
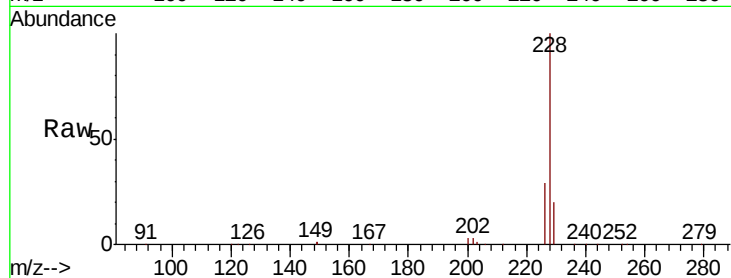




#31
 Chrysene
 Concen: 3.308 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE100179.D
 Acq: 25 Jun 2019 13:01

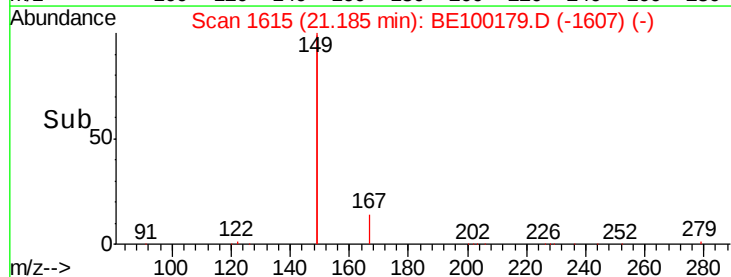
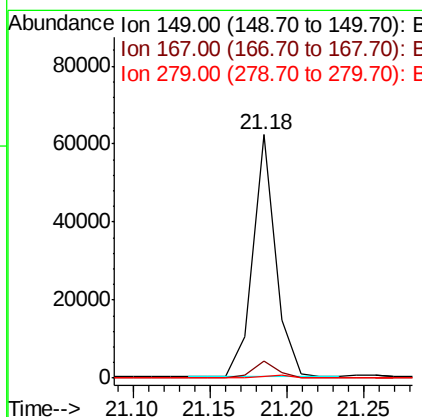
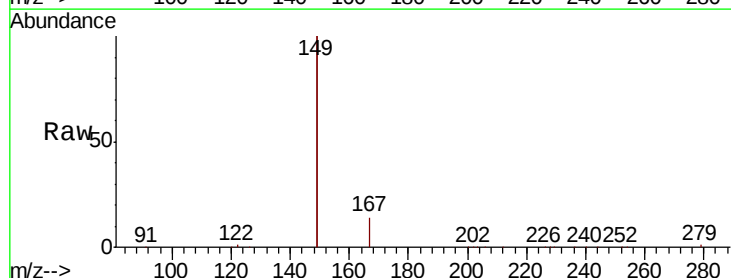
Instrument :
 BNA_E
 ClientSampled :

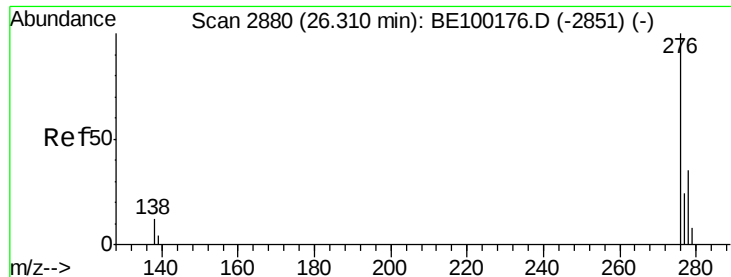
Tot Ion:228 Resp: 62296
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.7 35.5
 229 19.8 16.5 24.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.274 ng
 RT: 21.18 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BE100179.D
 Acq: 25 Jun 2019 13:01

Tgt Ion:149 Resp: 64079
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.9 8.9
 279 1.3 1.0 1.6

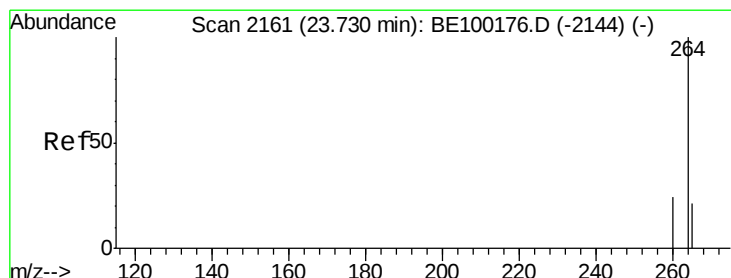
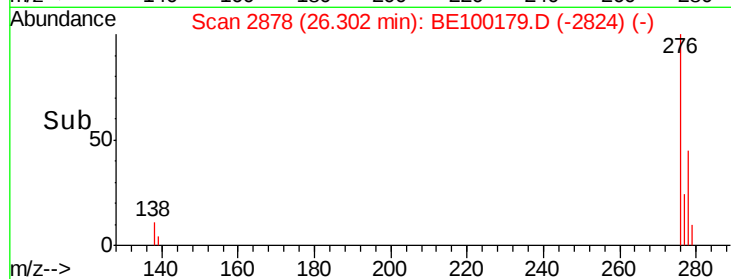
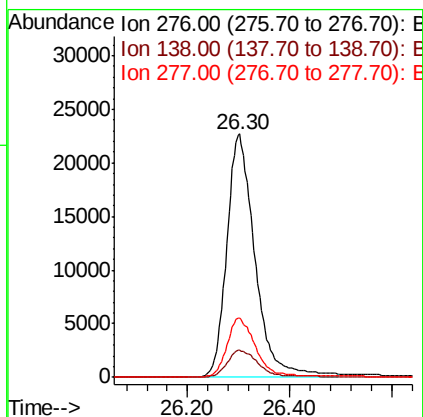
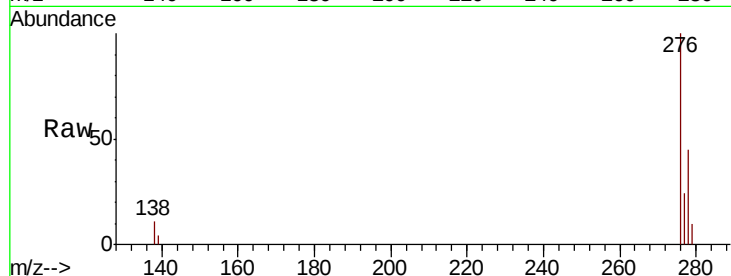




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.006 ng
 RT: 26.30 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BE100179.D
 Acq: 25 Jun 2019 13:01

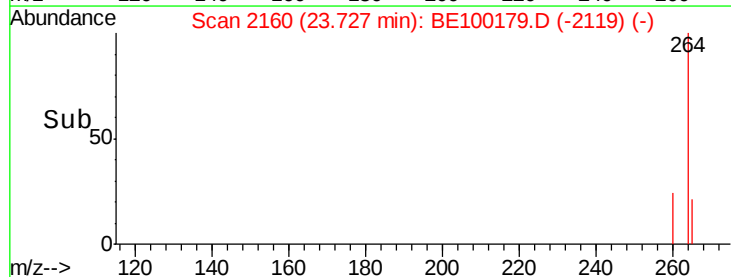
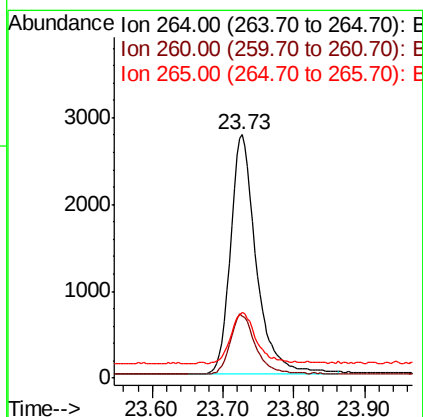
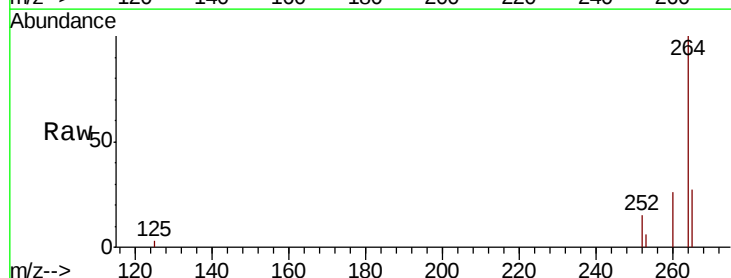
Instrument :
 BNA_E
 ClientSampleId :

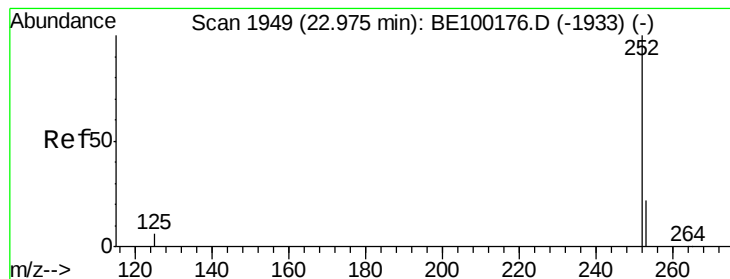
Tot Ion:276 Resp: 86741
 Ion Ratio Lower Upper
 276 100
 138 11.8 3.7 5.5#
 277 24.4 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100179.D
 Acq: 25 Jun 2019 13:01

Tgt Ion:264 Resp: 6914
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 27.2 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 3.620 ng

RT: 22.97 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :

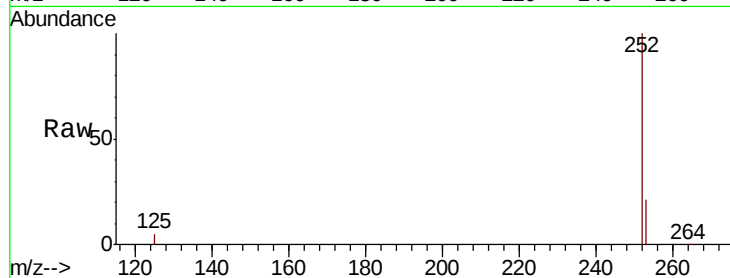
Tot Ion:252 Resp: 63926

Ion Ratio Lower Upper

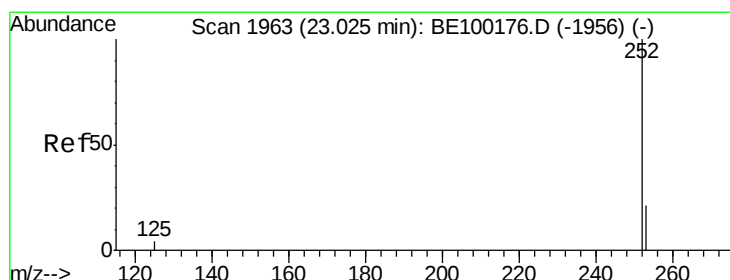
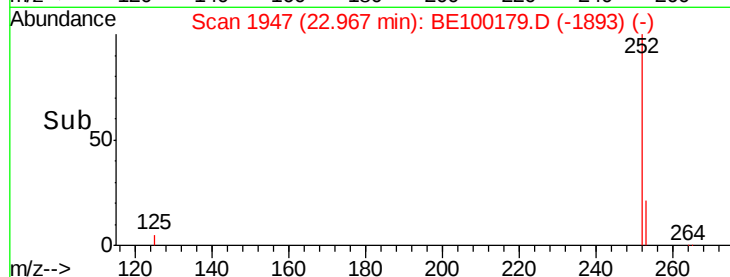
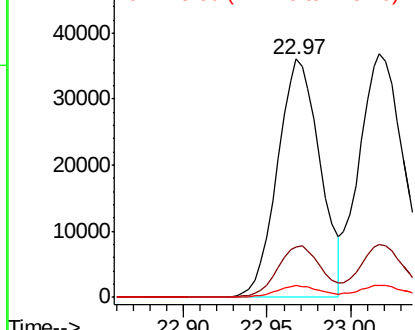
252 100

253 21.3 19.0 28.4

125 5.0 6.3 9.5#



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: 3.455 ng

RT: 23.02 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

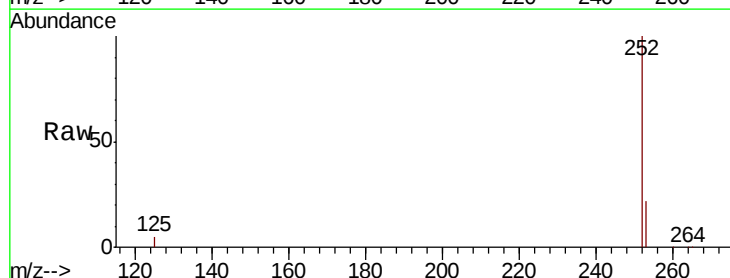
Tgt Ion:252 Resp: 74099

Ion Ratio Lower Upper

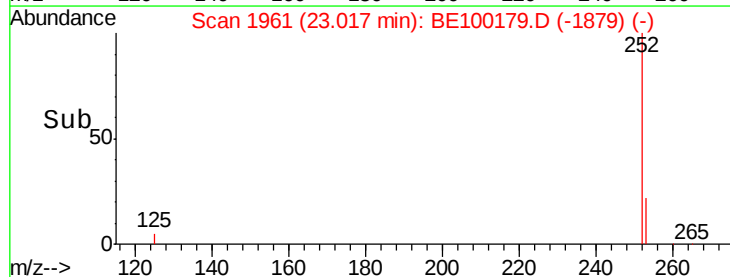
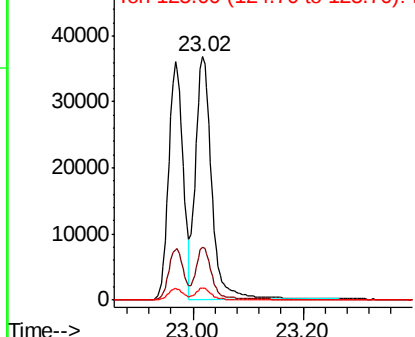
252 100

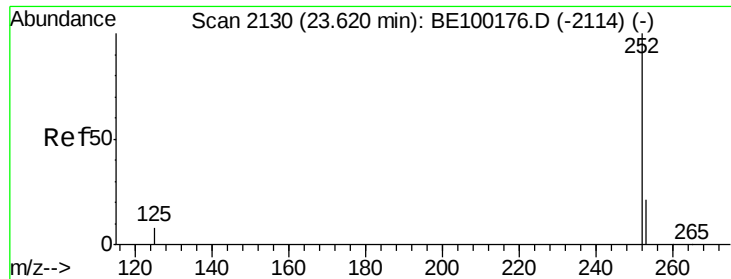
253 21.8 18.4 27.6

125 5.0 5.0 7.4



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

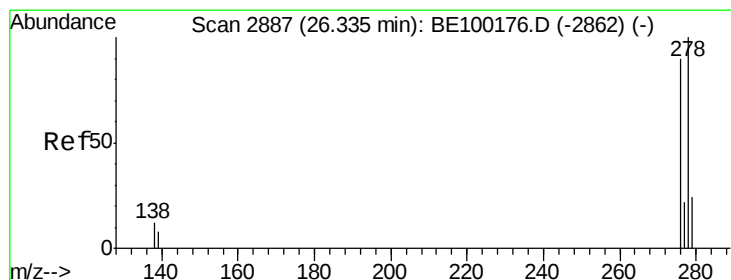
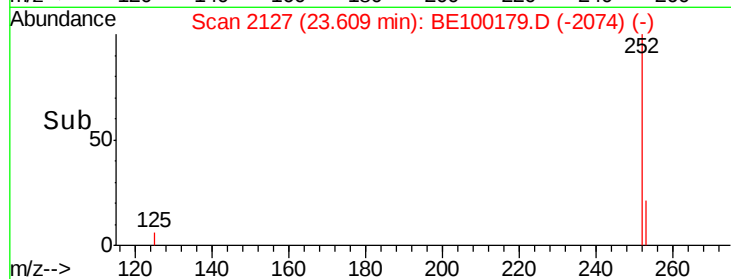
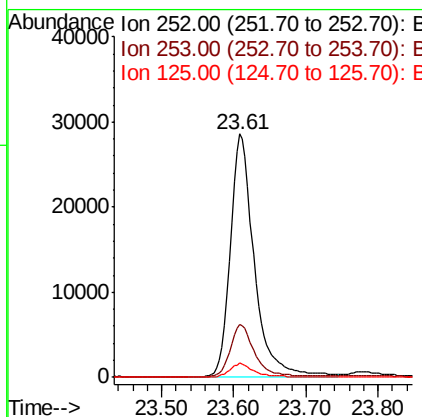
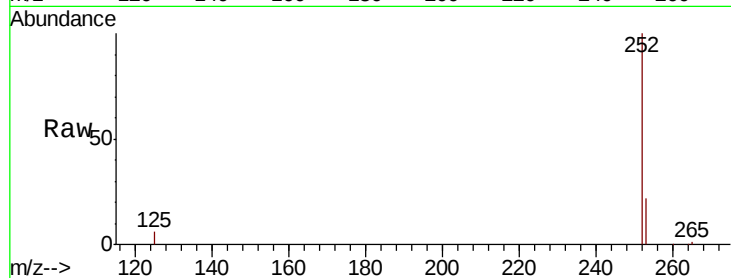




#37
Benzo(a)pyrene
Concen: 3.483 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

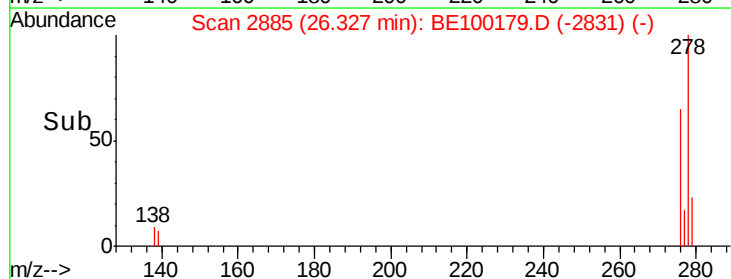
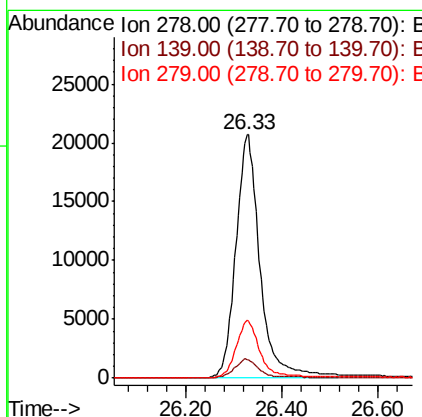
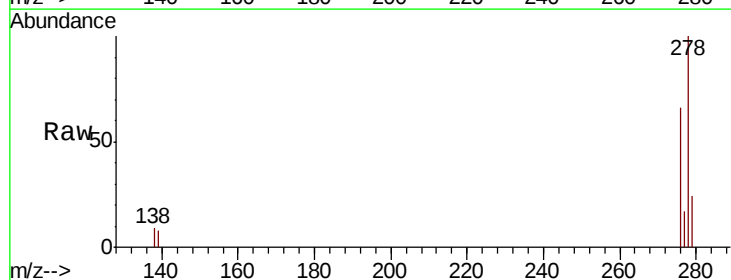
Instrument :
BNA_E
ClientSampleId :

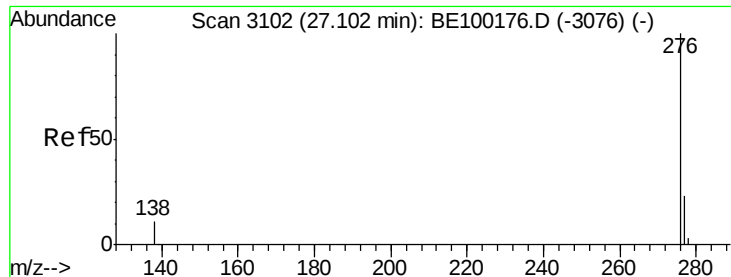
Tot Ion:252 Resp: 63921
Ion Ratio Lower Upper
252 100
253 21.5 19.2 28.8
125 5.7 8.2 12.2#



#38
Dibenzo(a,h)anthracene
Concen: 3.851 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BE100179.D
Acq: 25 Jun 2019 13:01

Tgt Ion:278 Resp: 71101
Ion Ratio Lower Upper
278 100
139 7.7 9.0 13.4#
279 23.7 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 3.687 ng

RT: 27.10 min Scan# 3101

Delta R.T. -0.00 min

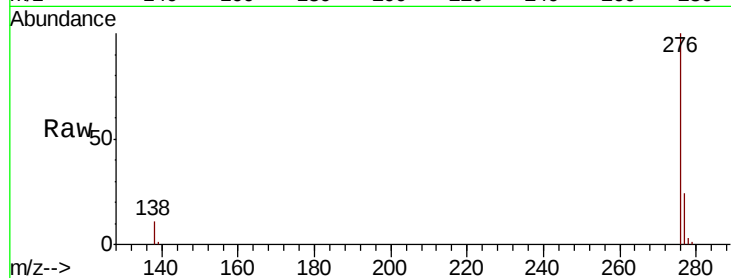
Lab File: BE100179.D

Acq: 25 Jun 2019 13:01

Instrument :

BNA_E

ClientSampleId :



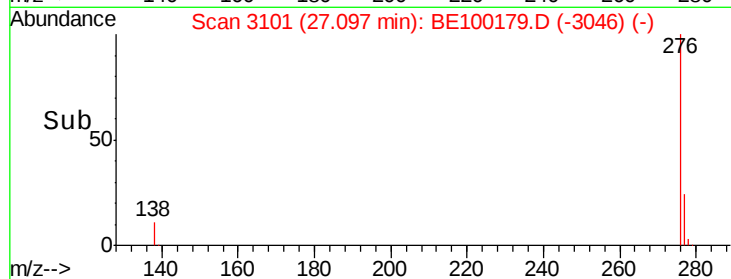
Tot Ion: 276 Resp: 71207

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.6

138 10.8 10.2 15.4



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

