

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100203.D
 Acq On : 27 Jun 2019 14:16
 Operator : JU/SJ
 Sample : K3428-20MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:52:39 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 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	731	0.40	ng	-0.01
7) Naphthalene-d8	10.46	136	2327	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	1725	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	5504	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	7894	0.40	ng	-0.04
34) Perylene-d12	23.67	264	9234	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	710	0.44	ng	0.00
5) Phenol-d6	6.84	99	1007	0.45	ng	-0.04
8) Nitrobenzene-d5	8.82	82	1096	0.47	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	1877	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	392	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.96	172	2968	0.43	ng	-0.01
25) Fluoranthene-d10	19.10	212	29292	0.37	ng	-0.03
29) Terphenyl-d14	19.70	244	6769	0.44	ng	-0.03

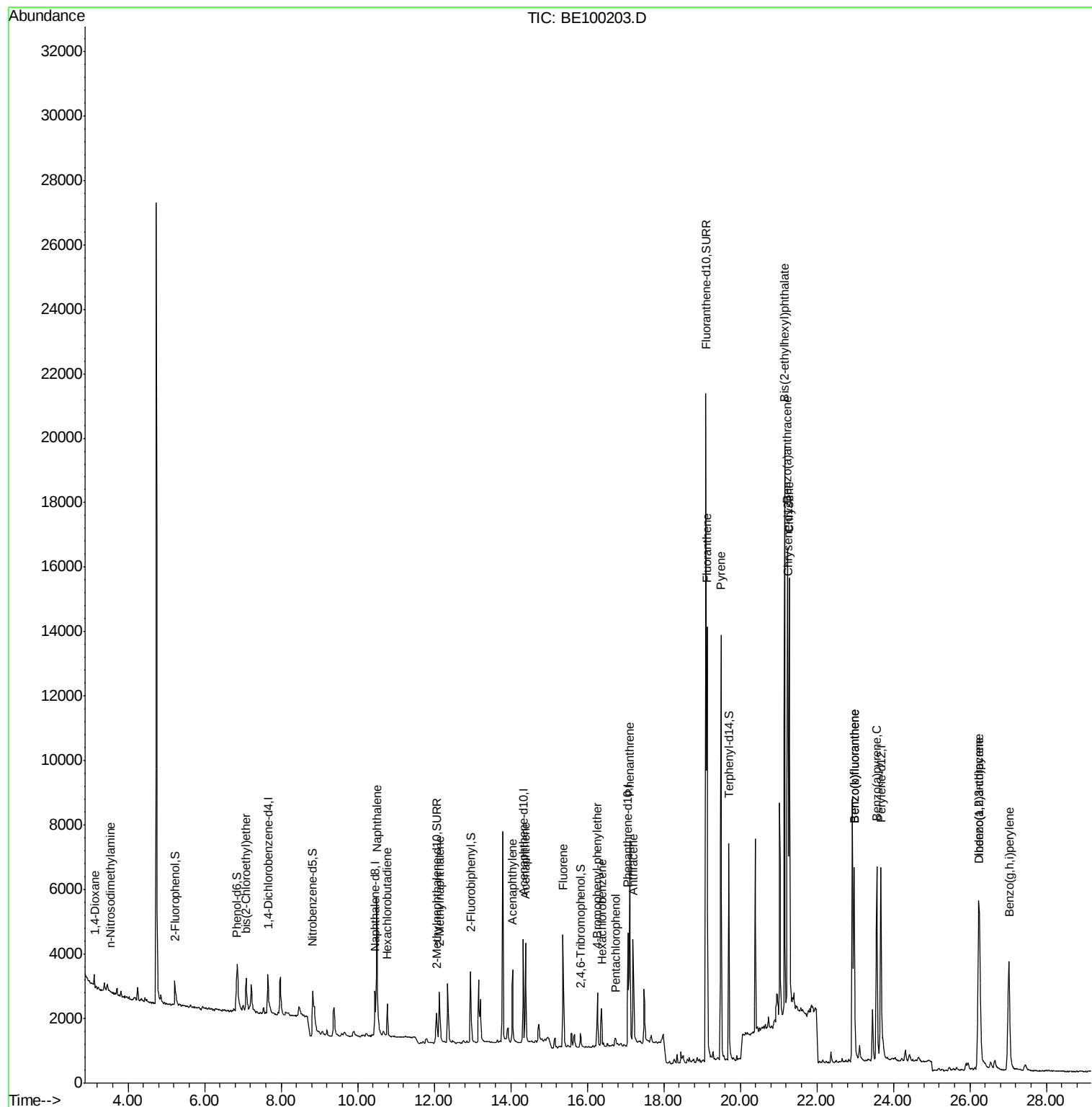
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	282	0.247	ng	# 53
3) n-Nitrosodimethylamine	3.54	42	11	0.026	ng	# 1
6) bis(2-Chloroethyl)ether	7.09	93	625	0.305	ng	# 91
9) Naphthalene	10.50	128	8856	0.349	ng	98
10) Hexachlorobutadiene	10.77	225	714	0.272	ng	99
12) 2-Methylnaphthalene	12.14	142	1425	0.348	ng	98
16) Acenaphthylene	14.05	152	3085	0.367	ng	98
17) Acenaphthene	14.39	154	1553	0.329	ng	98
18) Fluorene	15.37	166	2356	0.346	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1032	0.302	ng	98
21) Hexachlorobenzene	16.37	284	980	0.262	ng	99
22) Pentachlorophenol	16.73	266	261	0.478	ng	86
23) Phenanthrene	17.11	178	6979	0.535	ng	100
24) Anthracene	17.20	178	3888	0.353	ng	96
26) Fluoranthene	19.13	202	12102	0.571	ng	100
28) Pyrene	19.49	202	13037	0.645	ng	98
30) Benzo(a)anthracene	21.23	228	11741	0.504	ng	98
31) Chrysene	21.28	228	12300	0.451	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	18928	0.708	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	10214	0.263	ng	# 96
35) Benzo(b)fluoranthene	22.98	252	9561	0.385	ng	98
36) Benzo(k)fluoranthene	22.98	252	9841	0.331	ng	96
37) Benzo(a)pyrene	23.56	252	9963	0.387	ng	97
38) Dibenzo(a,h)anthracene	26.26	278	6814	0.248	ng	99
39) Benzo(g,h,i)perylene	27.02	276	9069	0.316	ng	100

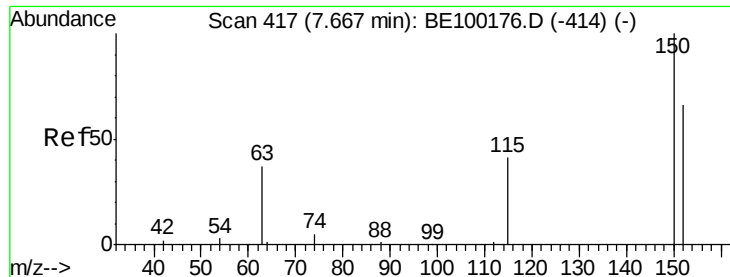
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100203.D
Acq On : 27 Jun 2019 14:16
Operator : JU/SJ
Sample : K3428-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:39 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 15:40:27 2019
Response via : Initial Calibration



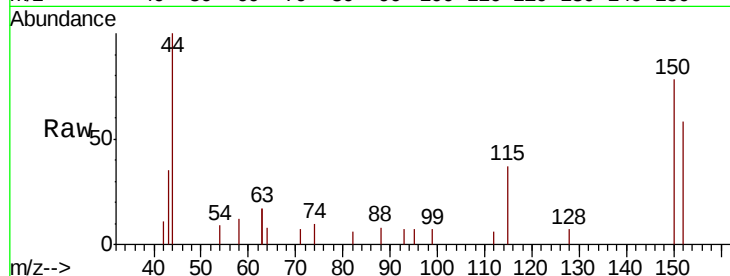


#1

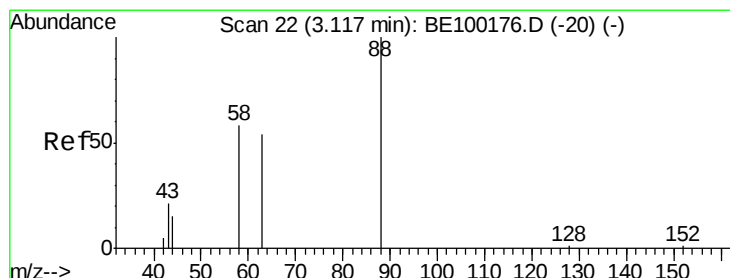
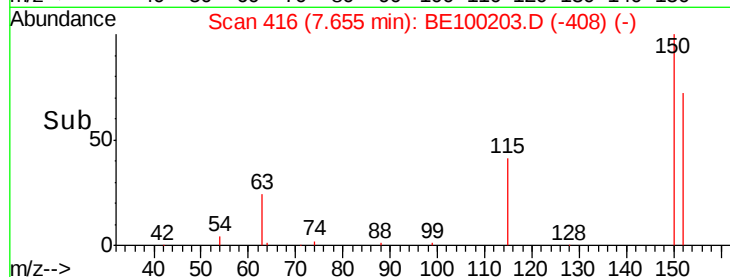
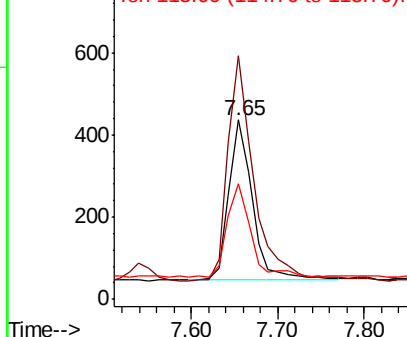
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 731
Ion Ratio Lower Upper
152 100
150 136.0 113.4 170.2
115 64.2 55.8 83.6



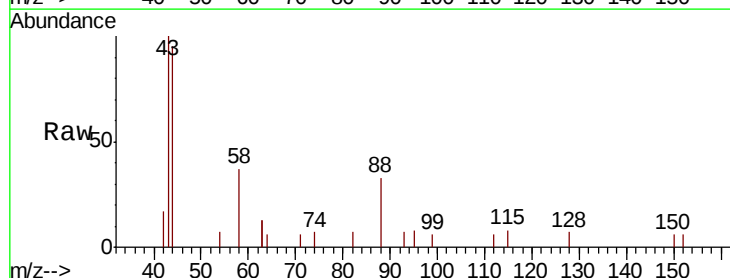
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



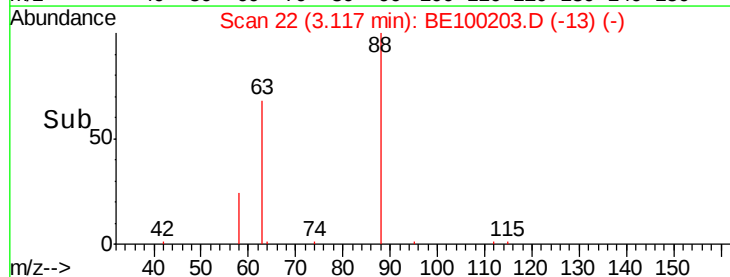
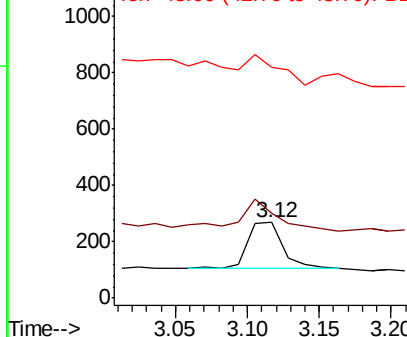
#2

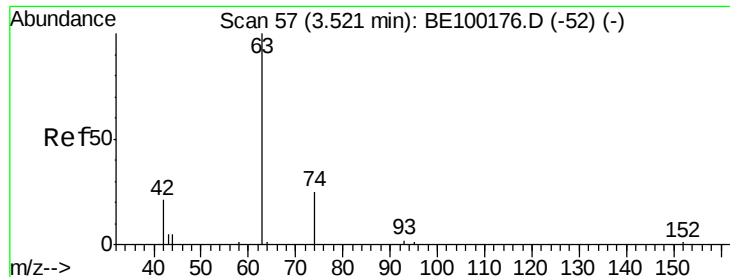
1,4-Dioxane
Concen: 0.247 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
58 83.7 43.8 65.6#
43 55.0 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



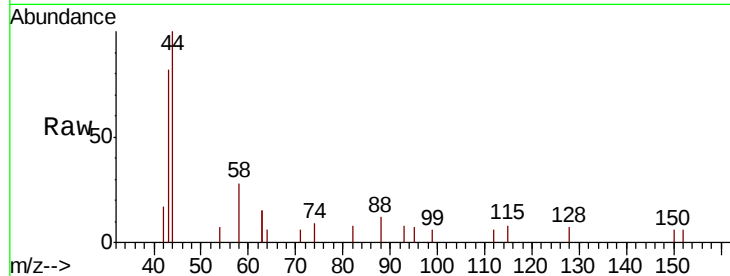


#3

n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.54 min Scan# 59
 Delta R.T. 0.02 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	42	Resp	11
Ion Ratio	Lower	Upper	
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#

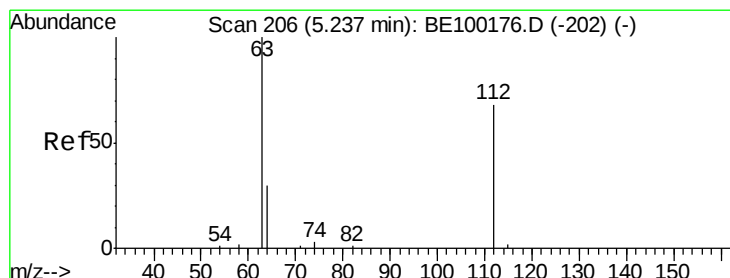
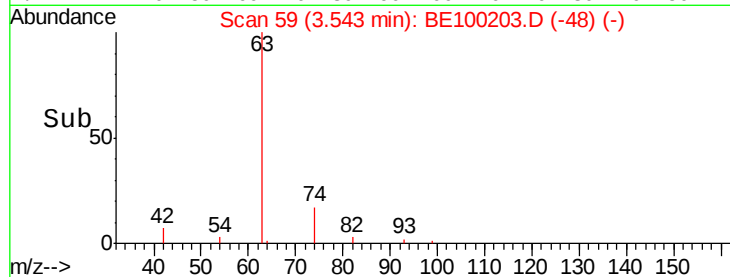
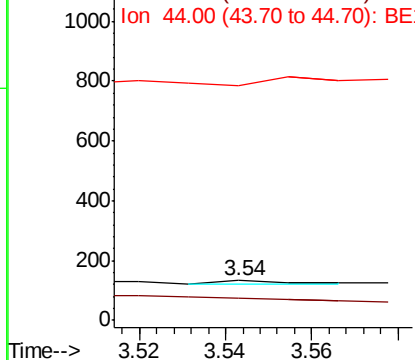


Abundance

Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

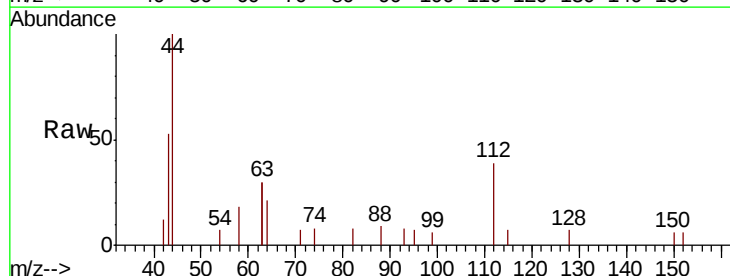
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol
 Concen: 0.437 ng
 RT: 5.24 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Tgt Ion	112	Resp	710
Ion Ratio	Lower	Upper	
112	100		
64	51.7	40.7	61.1
63	130.8	93.2	139.8

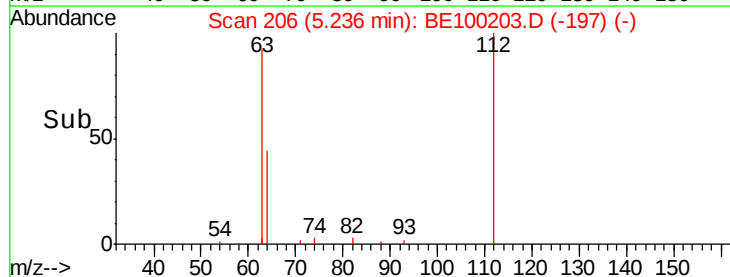
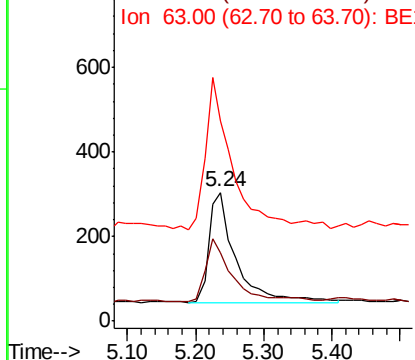


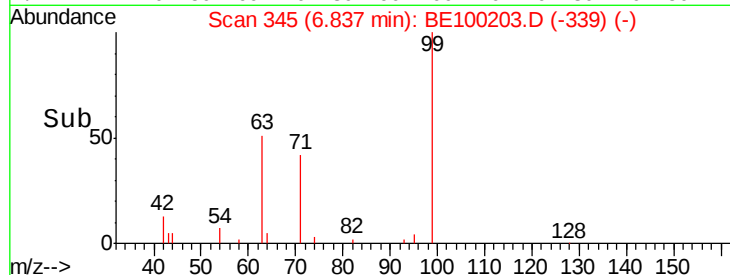
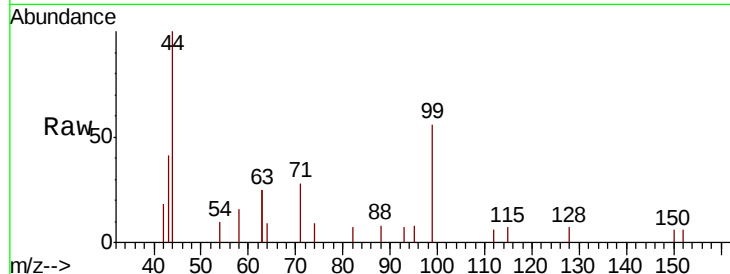
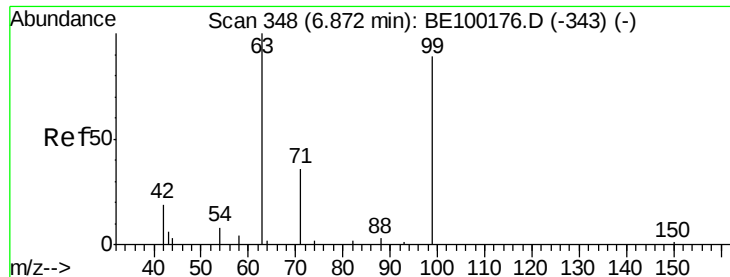
Abundance

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

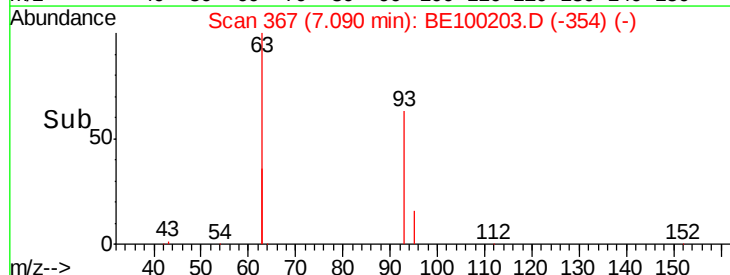
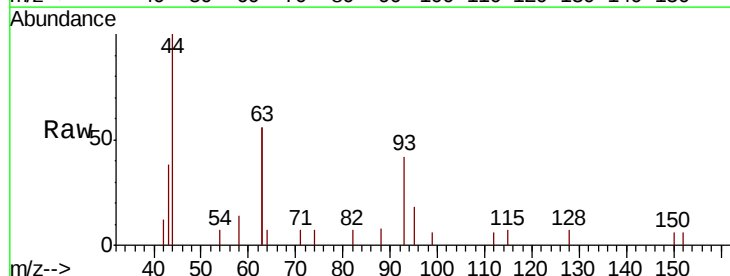
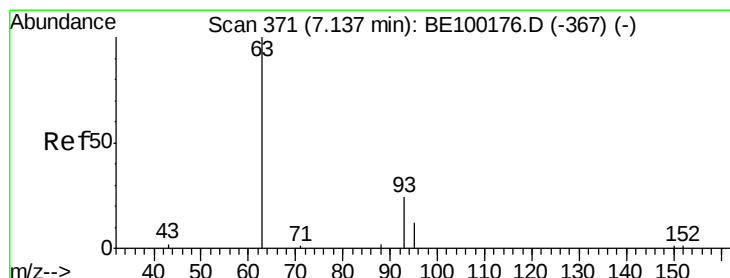
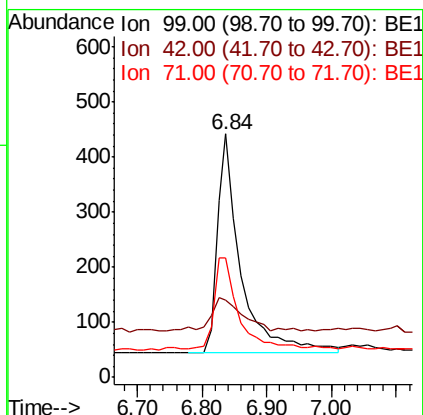




#5
Phenol-d6
Concen: 0.450 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

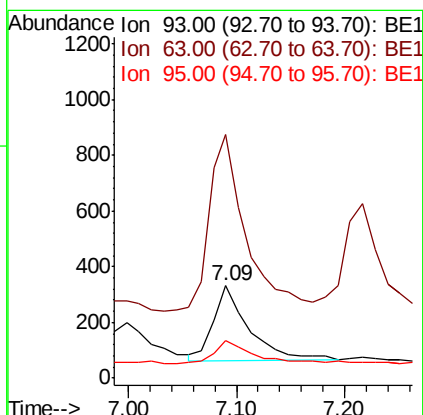
Instrument :
BNA_E
ClientSampleId :

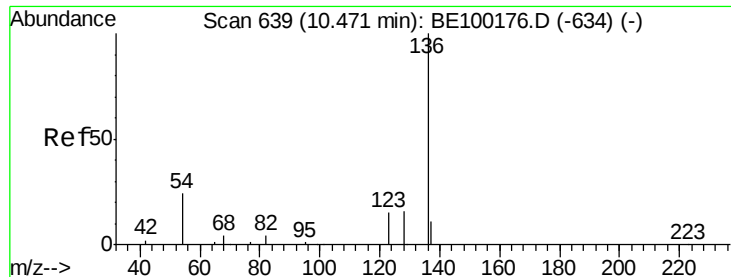
Tot Ion	99	Resp	1007
Ion	Ratio	Lower	Upper
99	100		
42	18.1	10.4	15.6#
71	42.2	32.4	48.6



#6
bis(2-Chloroethyl)ether
Concen: 0.305 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.05 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	93	Resp	625
Ion	Ratio	Lower	Upper
93	100		
63	239.5	0.0	0.0#
95	30.7	21.0	31.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2327

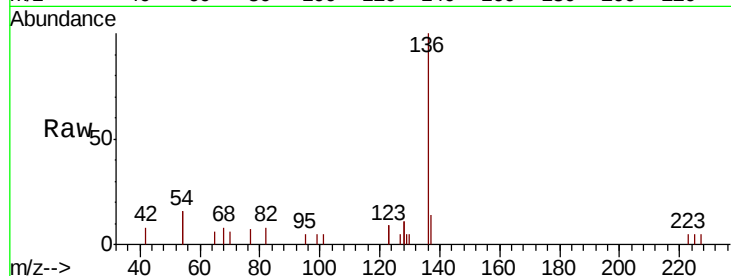
Ion Ratio Lower Upper

136 100

137 14.5 13.8 20.8

54 32.8 35.4 53.2#

68 8.0 8.8 13.2#

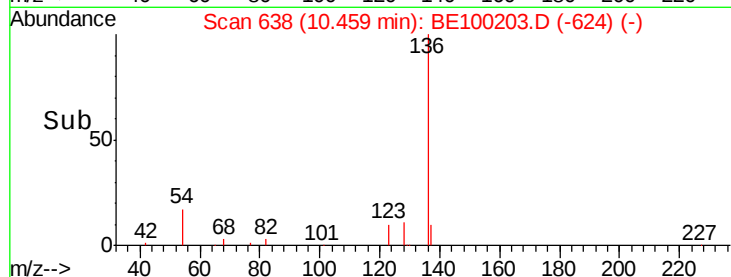


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

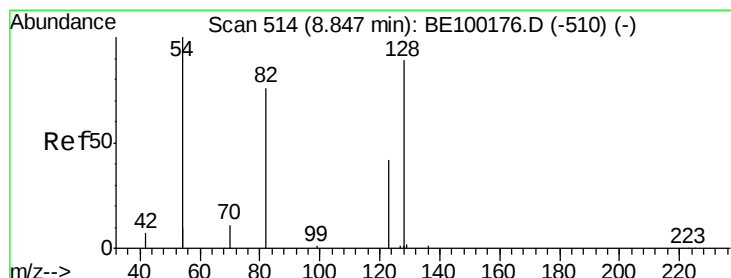
Ion 68.00 (67.70 to 68.70): BE1



Abundance

10.46

Time-->



#8

Nitrobenzene-d5

Concen: 0.473 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

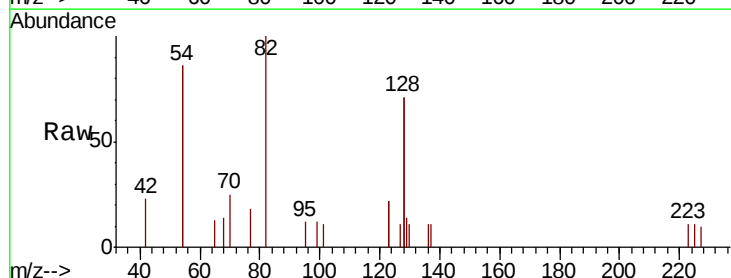
Tgt Ion: 82 Resp: 1096

Ion Ratio Lower Upper

82 100

128 142.9 144.6 217.0#

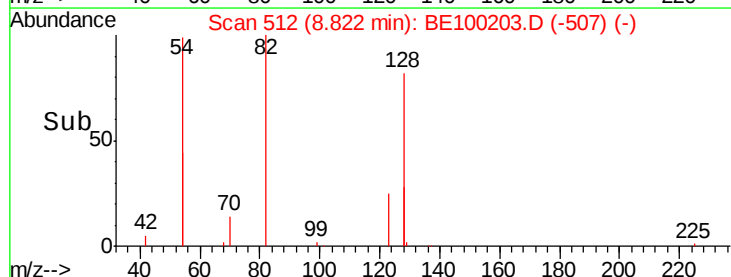
54 172.4 163.0 244.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

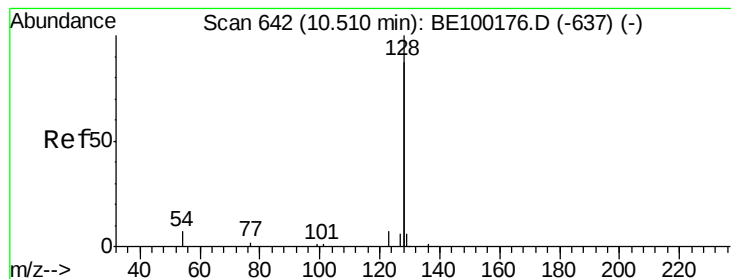
Ion 54.00 (53.70 to 54.70): BE1



Abundance

8.82

Time-->



#9

Naphthalene

Concen: 0.349 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampled :

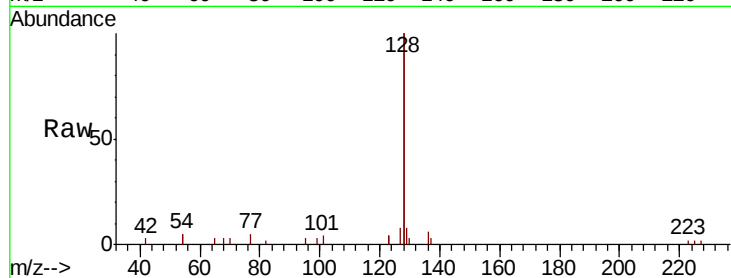
Tot Ion:128 Resp: 8856

Ion Ratio Lower Upper

128 100

129 3.9 3.6 5.4

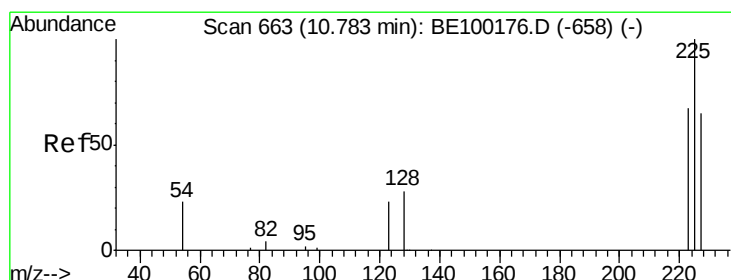
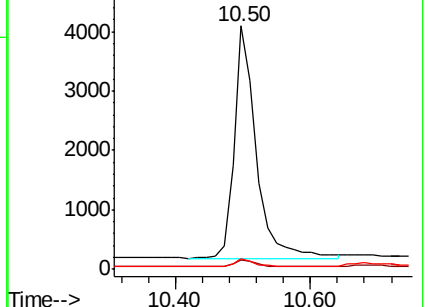
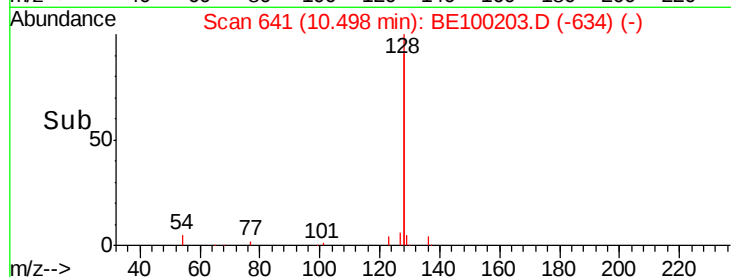
127 4.2 3.8 5.8



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: 0.272 ng

RT: 10.77 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

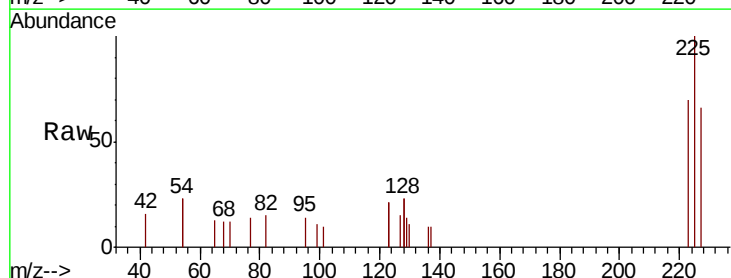
Tgt Ion:225 Resp: 714

Ion Ratio Lower Upper

225 100

223 64.4 50.1 75.1

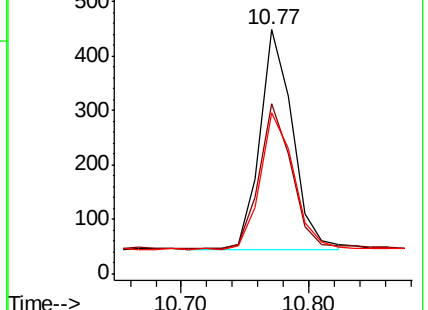
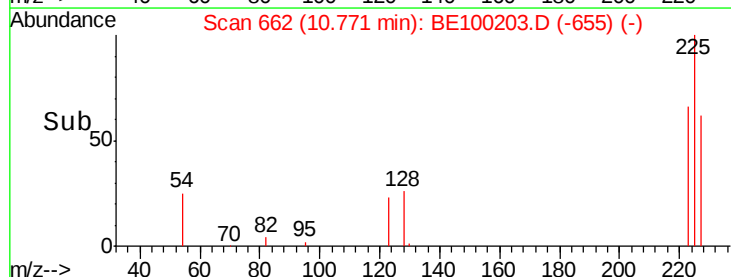
227 64.0 50.9 76.3

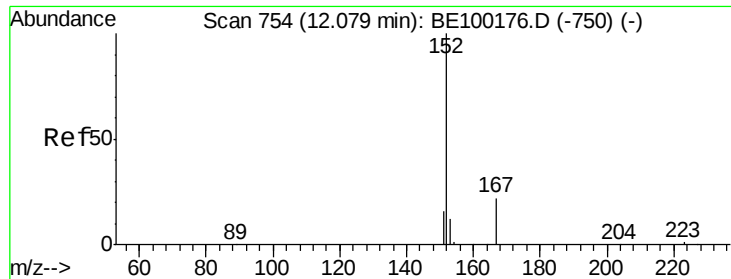


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

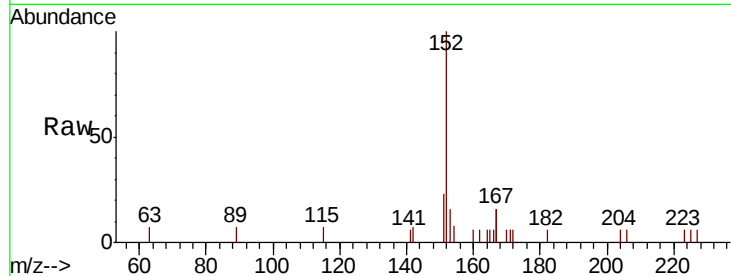




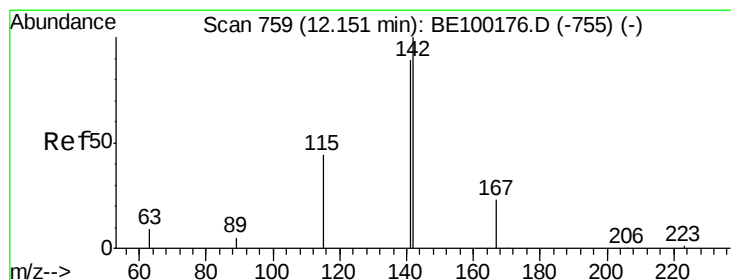
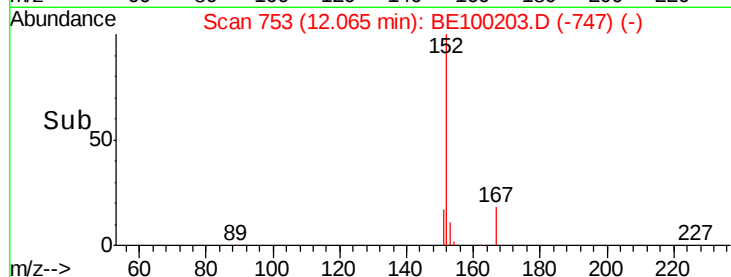
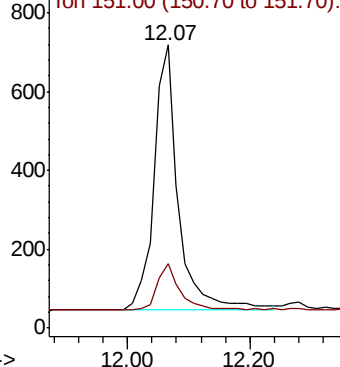
#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.07 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1877
 Ion Ratio Lower Upper
 152 100
 151 16.8 16.3 24.5

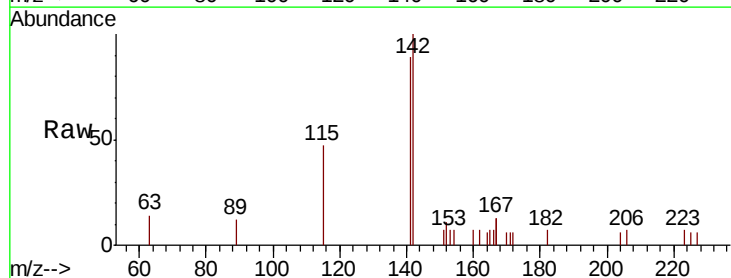


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

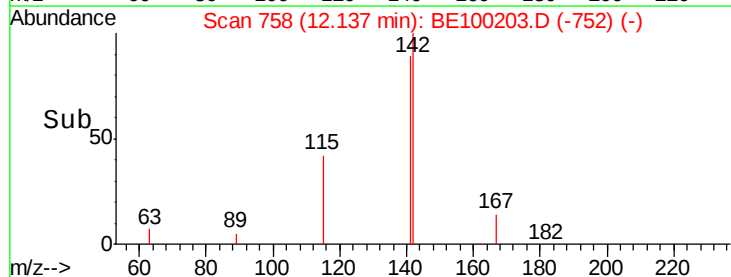
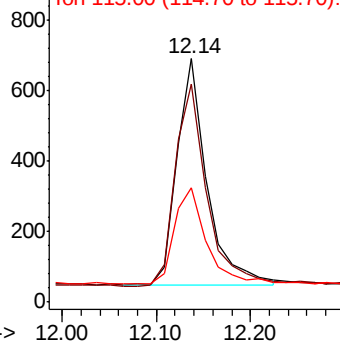


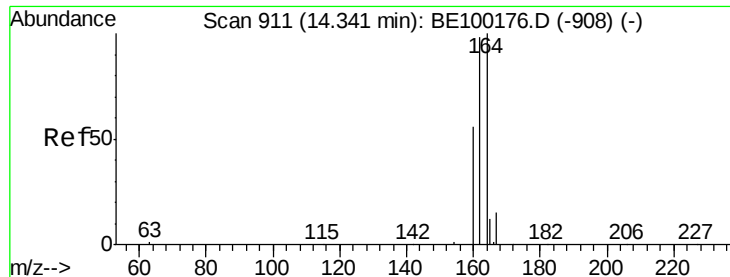
#12
 2-Methylnaphthalene
 Concen: 0.348 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Tgt Ion:142 Resp: 1425
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.8
 115 46.8 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

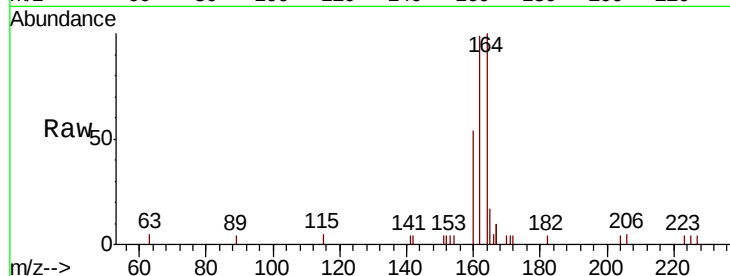




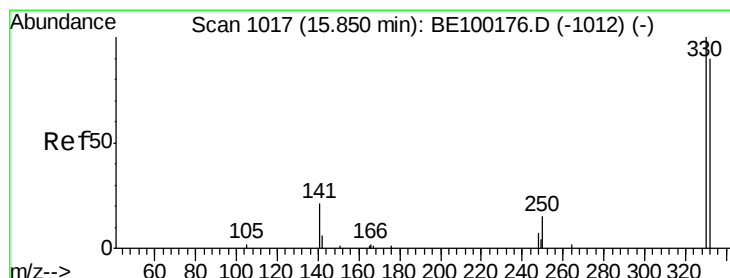
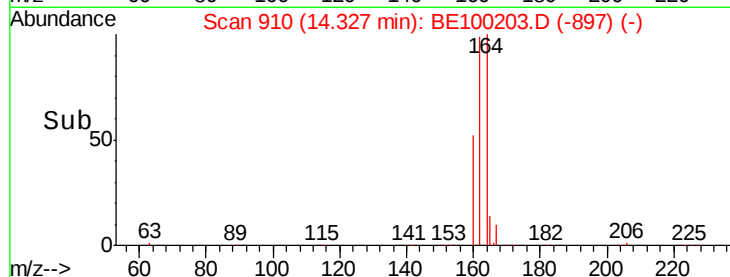
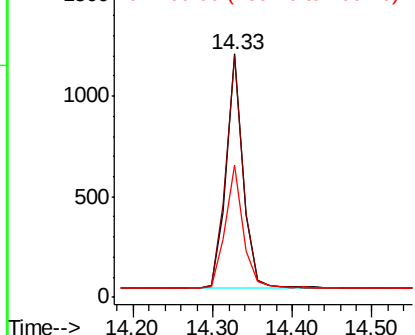
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1725
Ion Ratio Lower Upper
164 100
162 98.8 78.6 118.0
160 54.1 46.9 70.3

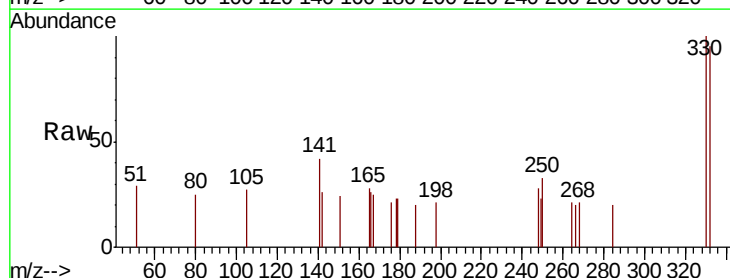


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

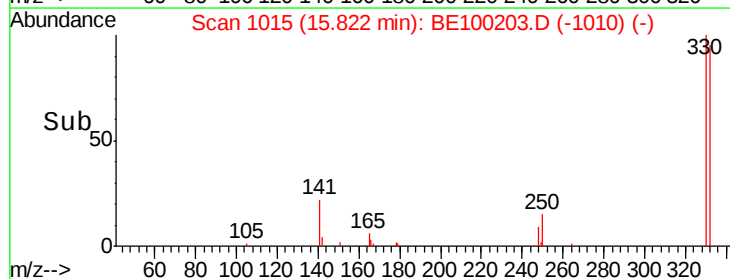
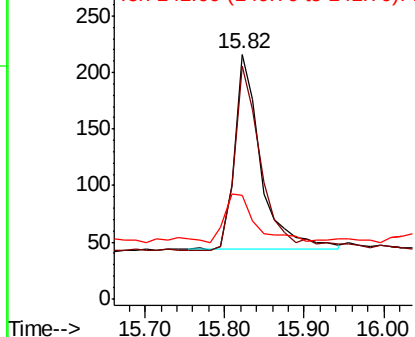


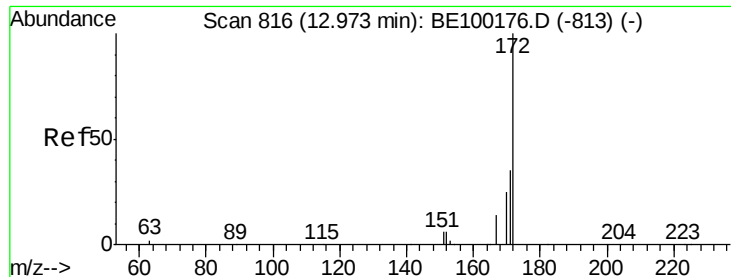
#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:330 Resp: 392
Ion Ratio Lower Upper
330 100
332 101.0 77.7 116.5
141 29.6 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

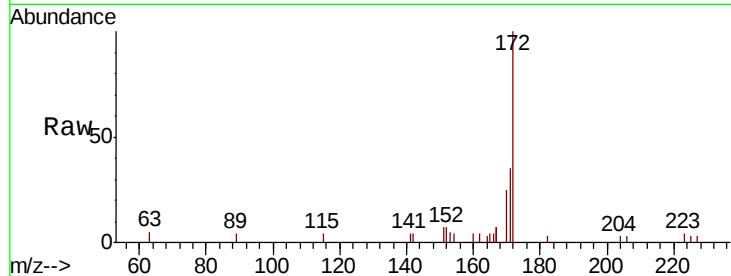




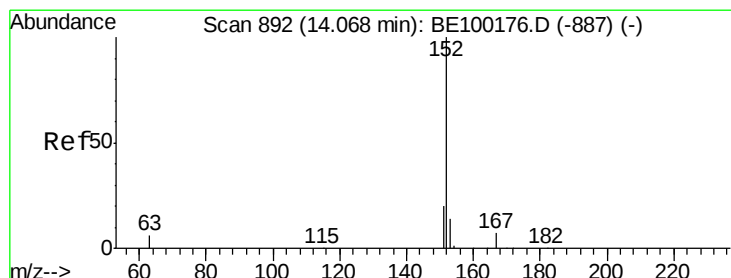
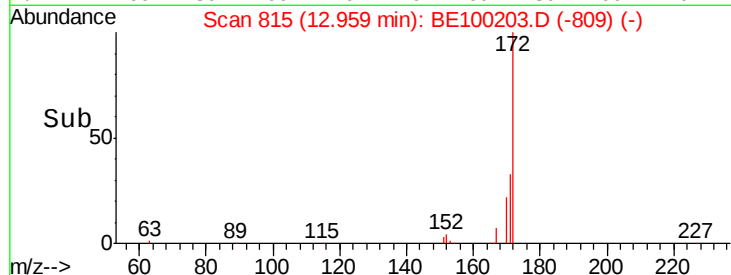
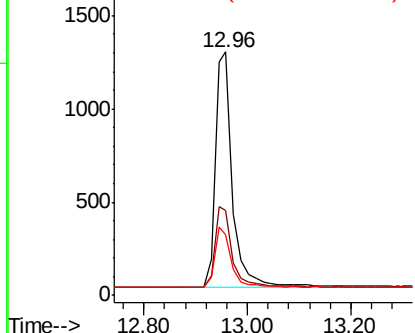
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2968
Ion Ratio Lower Upper
172 100
171 35.0 31.0 46.4
170 24.7 23.9 35.9

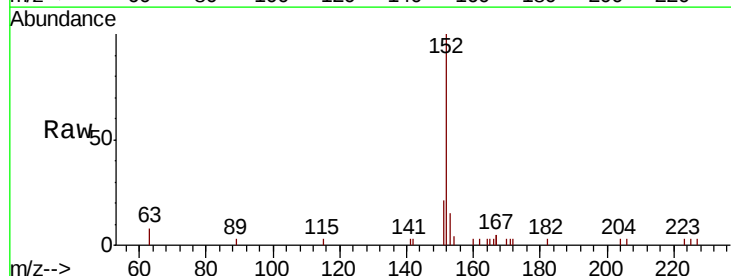


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

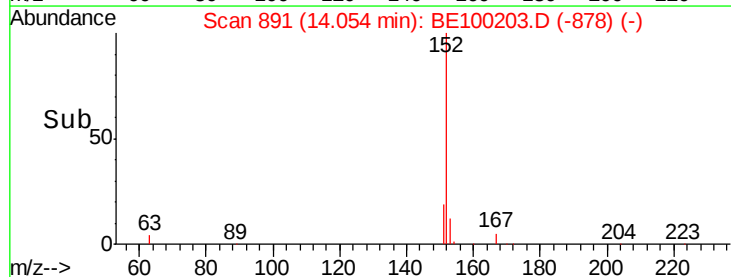
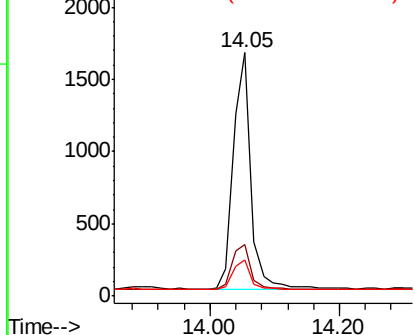


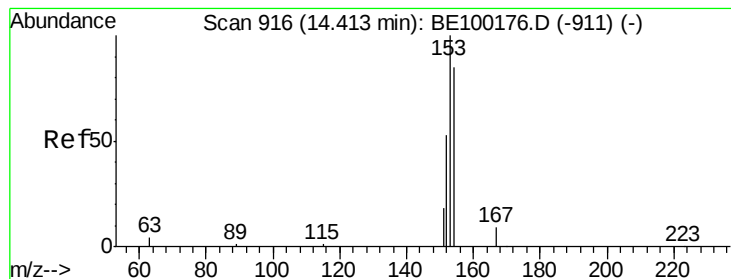
#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.05 min Scan# 891
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:152 Resp: 3085
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.0
153 12.5 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: 0.329 ng

RT: 14.39 min Scan# 914

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

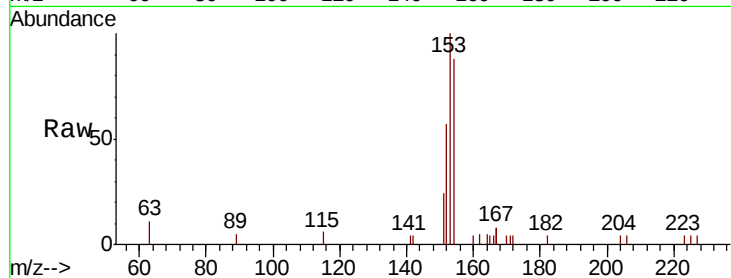
Tot Ion:154 Resp: 1553

Ion Ratio Lower Upper

154 100

153 116.5 95.3 142.9

152 65.1 52.9 79.3

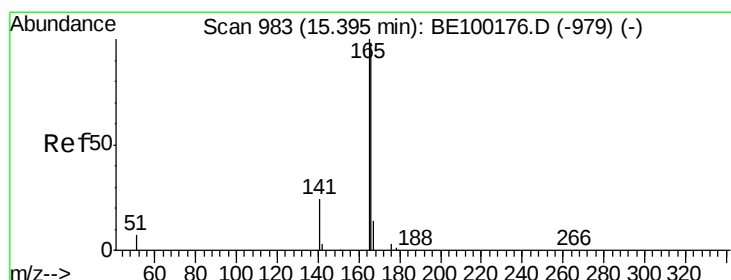
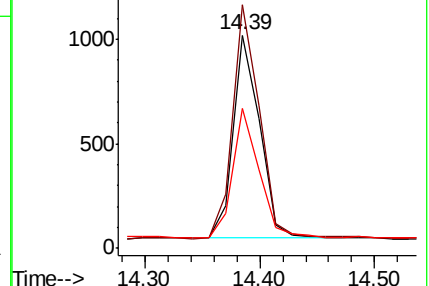
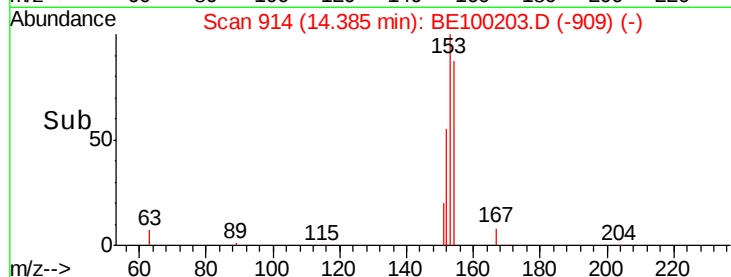


Abundance

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: 0.346 ng

RT: 15.37 min Scan# 981

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

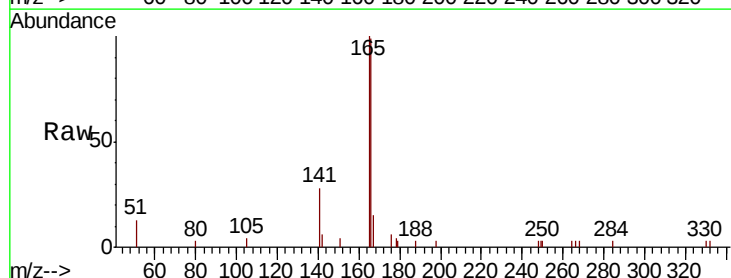
Tgt Ion:166 Resp: 2356

Ion Ratio Lower Upper

166 100

165 102.3 81.0 121.4

167 13.4 11.4 17.0

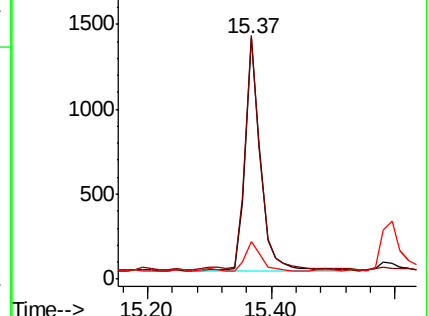
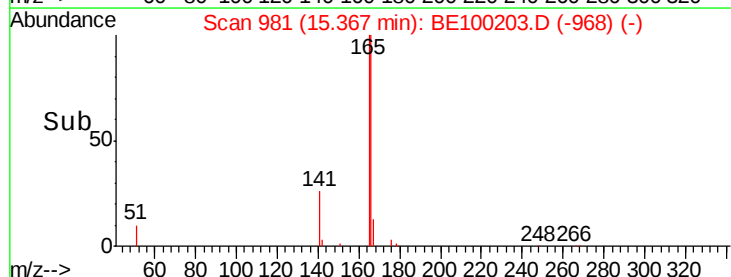


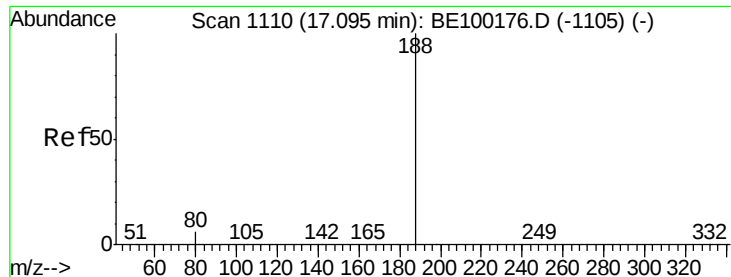
Abundance

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

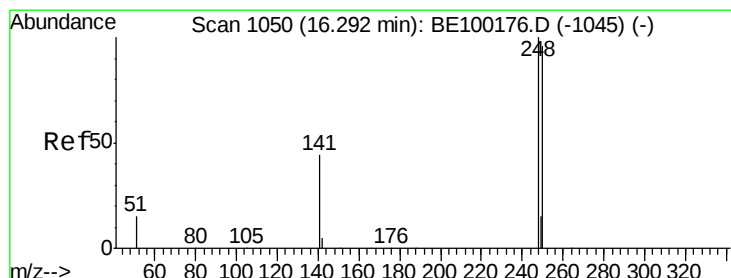
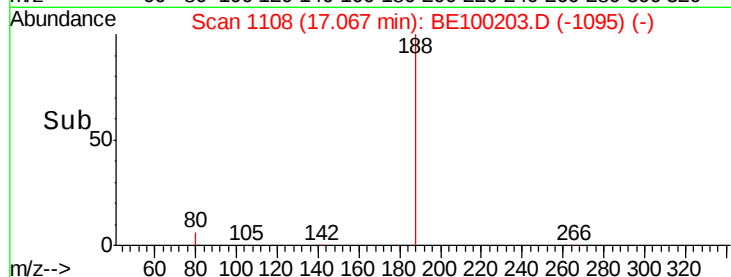
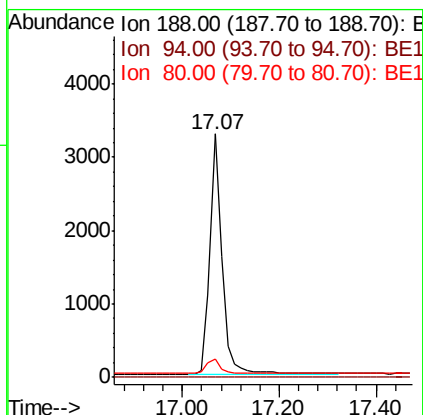
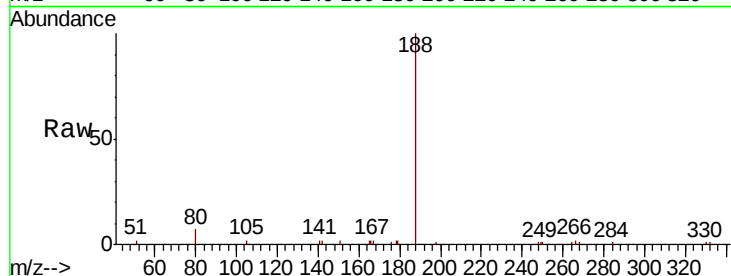




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

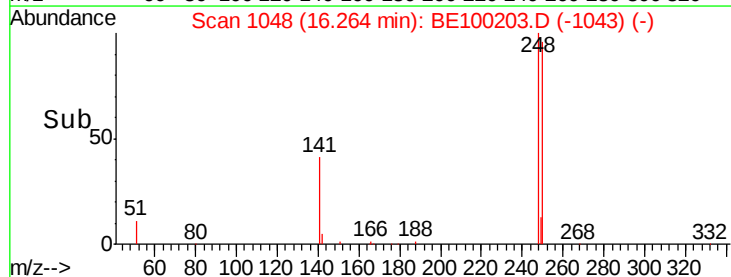
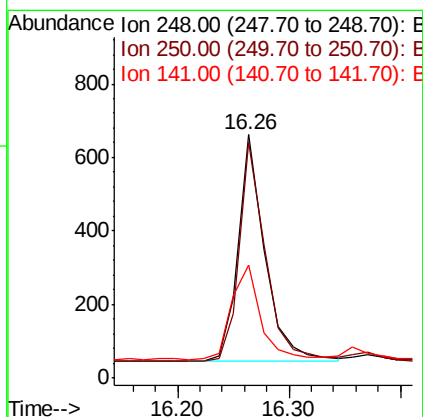
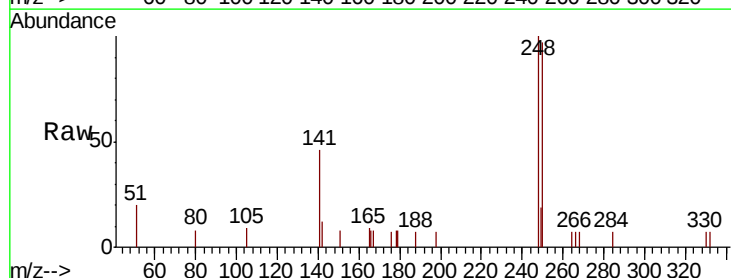
Instrument :
BNA_E
ClientSampleId :

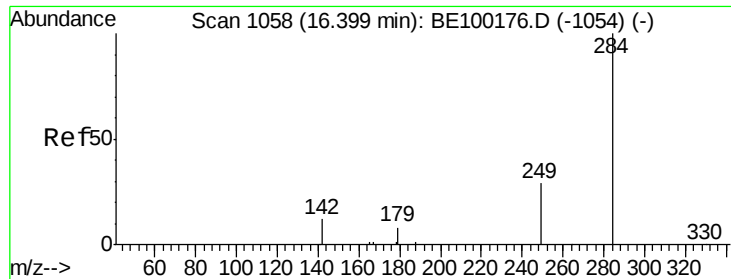
Tot Ion:188 Resp: 5504
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.4 9.6



#20
4-Bromophenyl-phenylether
Concen: 0.302 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:248 Resp: 1032
Ion Ratio Lower Upper
248 100
250 96.7 77.1 115.7
141 46.2 39.5 59.3





#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

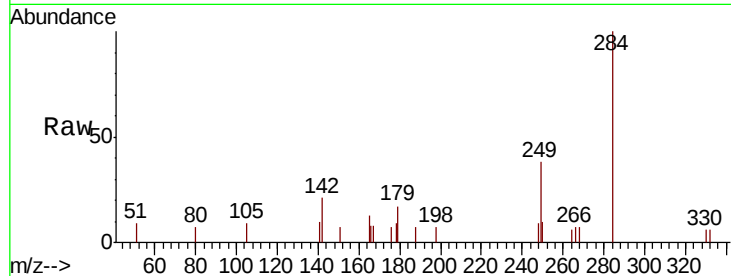
Tot Ion:284 Resp: 980

Ion Ratio Lower Upper

284 100

142 24.2 20.1 30.1

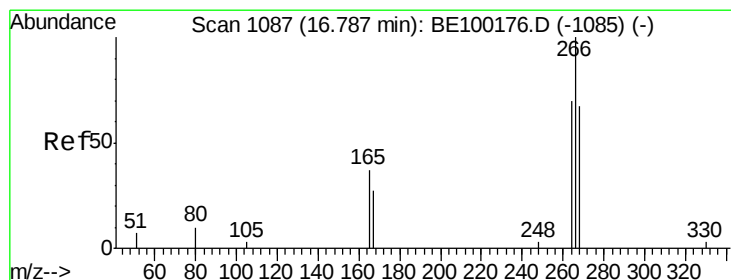
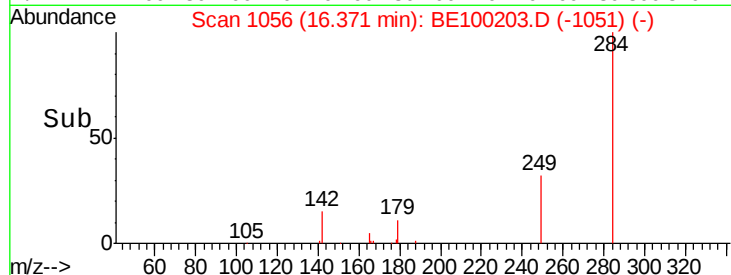
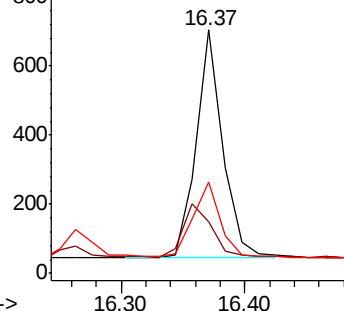
249 33.2 26.2 39.4



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: 0.478 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

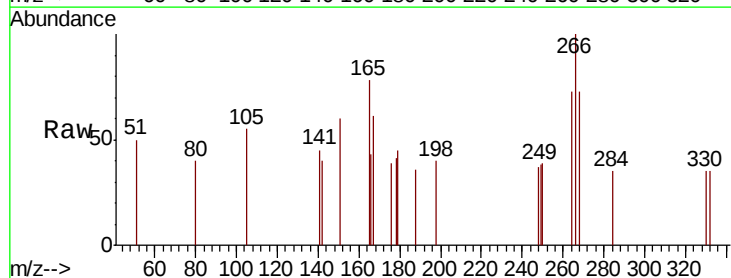
Tgt Ion:266 Resp: 261

Ion Ratio Lower Upper

266 100

264 73.4 67.7 101.5

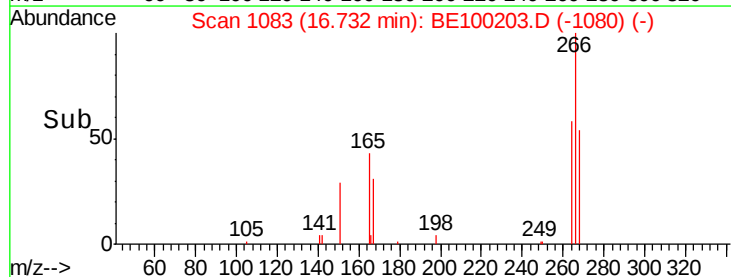
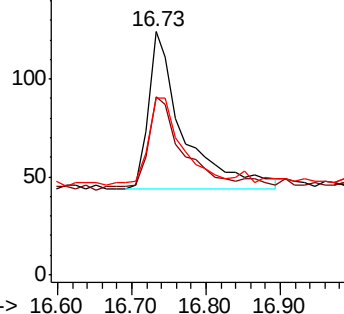
268 72.6 69.8 104.6

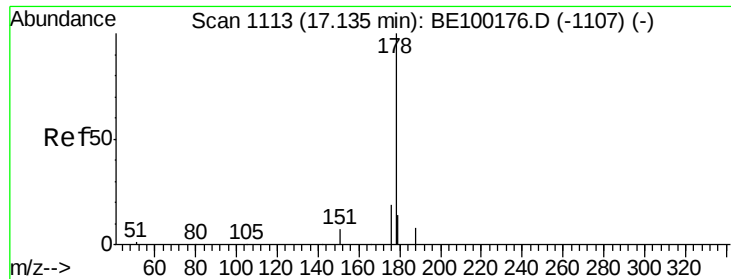


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

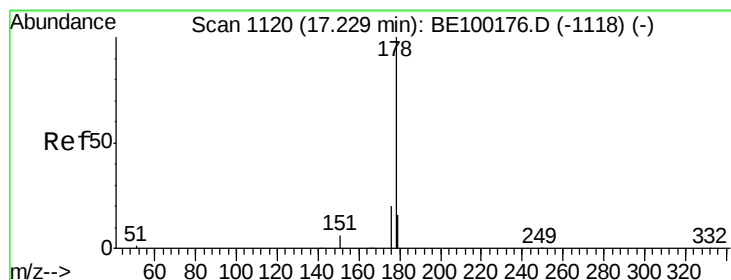
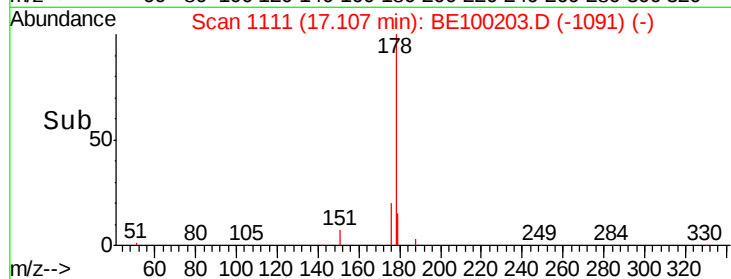
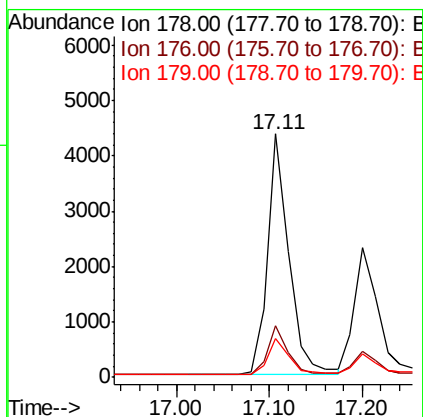
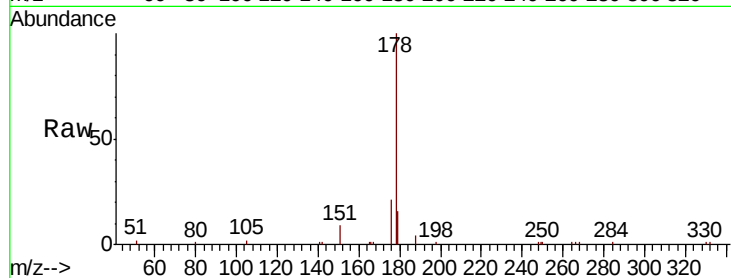




#23
Phenanthrene
Concen: 0.535 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

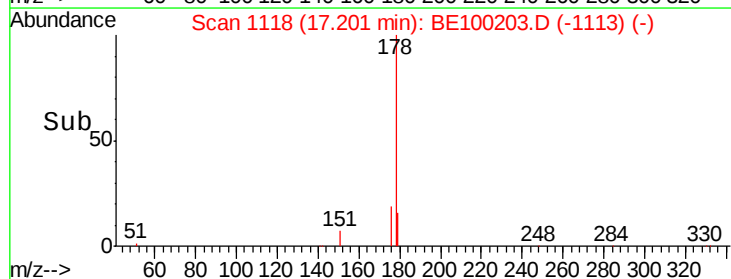
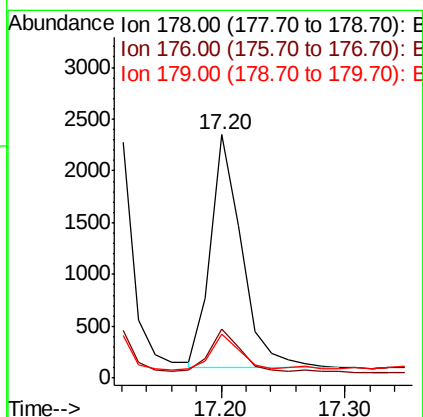
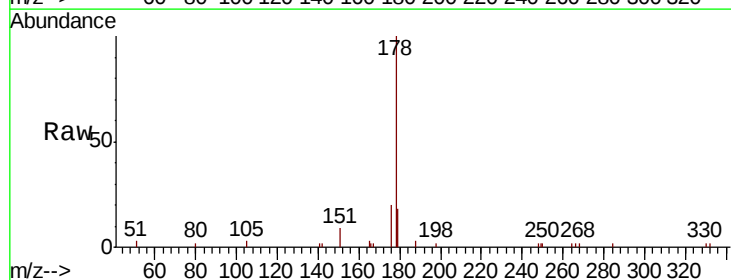
Instrument :
BNA_E
ClientSampleId :

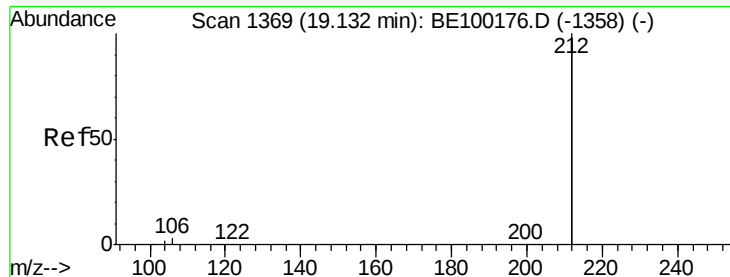
Tot Ion:178 Resp: 6979
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.2 18.2



#24
Anthracene
Concen: 0.353 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:178 Resp: 3888
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 13.9 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.10 min Scan# 1364

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

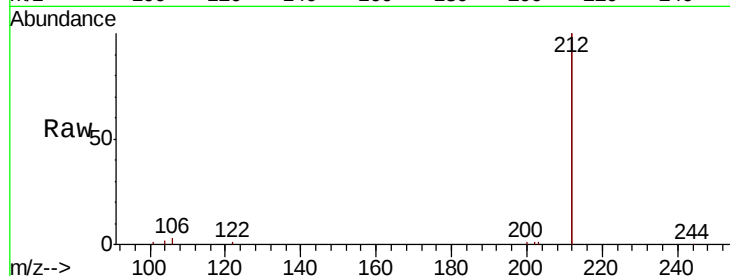
Tot Ion:212 Resp: 29292

Ion Ratio Lower Upper

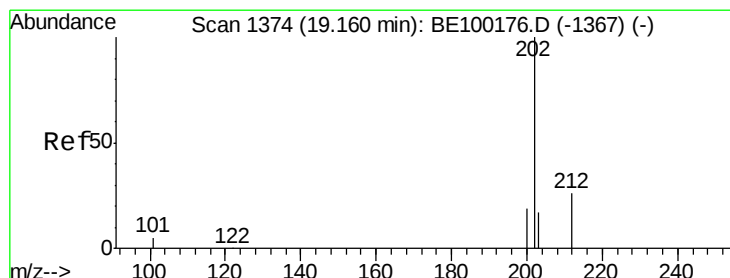
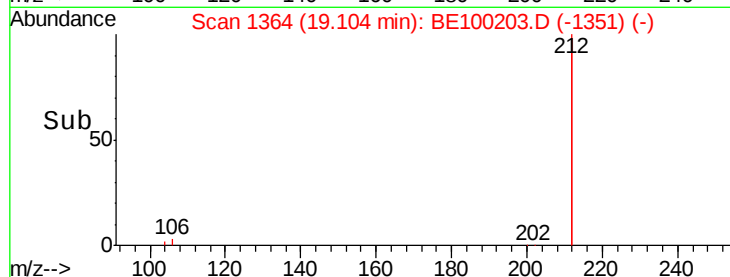
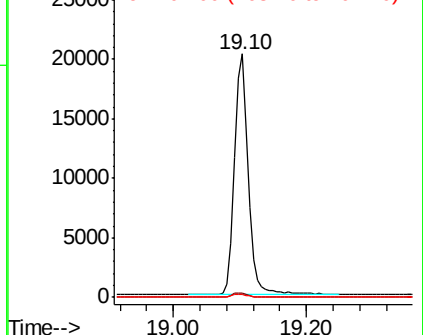
212 100

106 1.6 1.3 1.9

104 1.0 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: 0.571 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

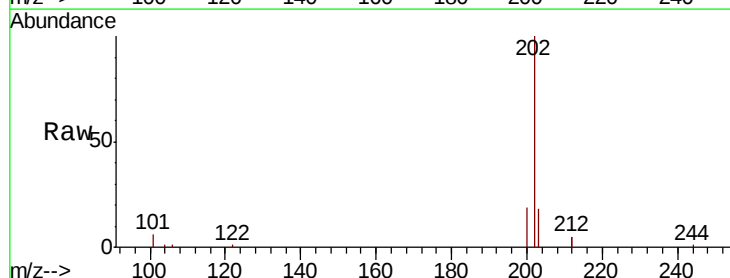
Tgt Ion:202 Resp: 12102

Ion Ratio Lower Upper

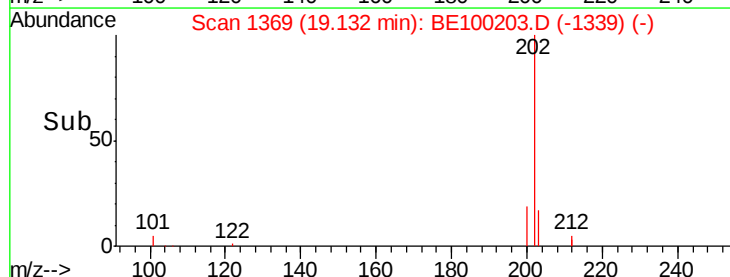
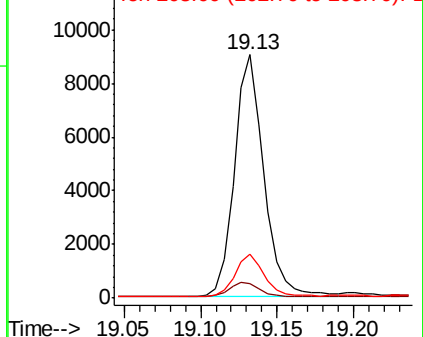
202 100

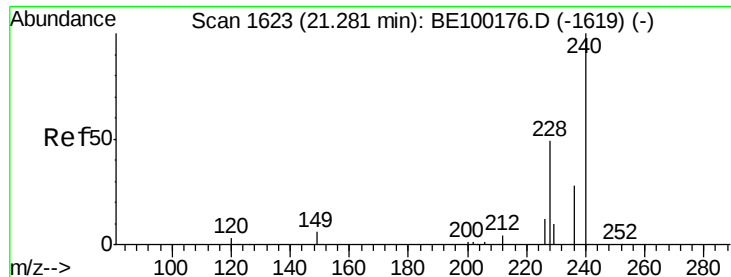
101 6.1 4.5 6.7

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: 21.25 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

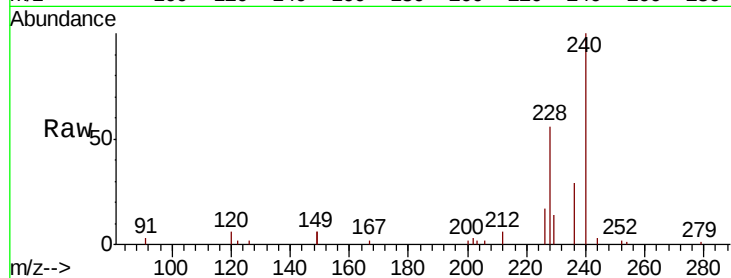
Tot Ion:240 Resp: 7894

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

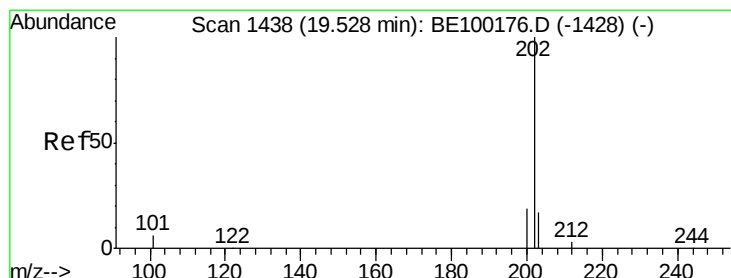
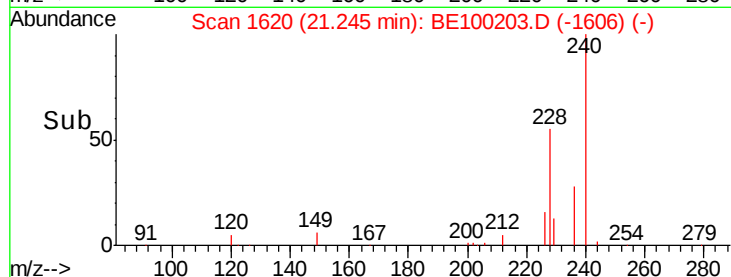
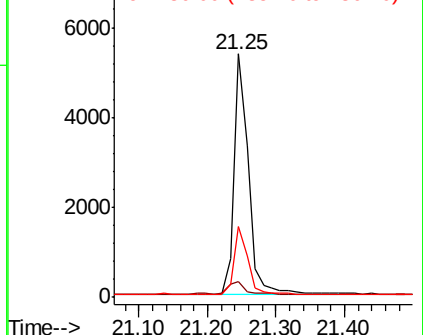
236 29.1 23.0 34.6



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: 0.645 ng

RT: 19.49 min Scan# 1432

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

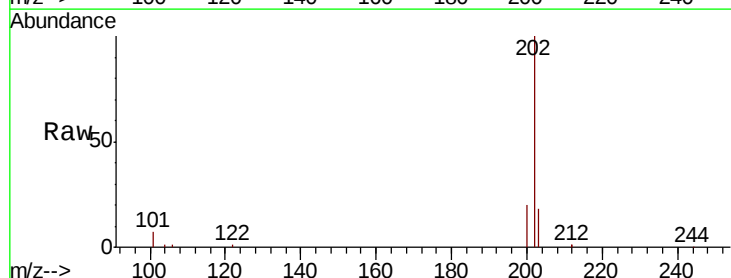
Tgt Ion:202 Resp: 13037

Ion Ratio Lower Upper

202 100

200 19.9 15.5 23.3

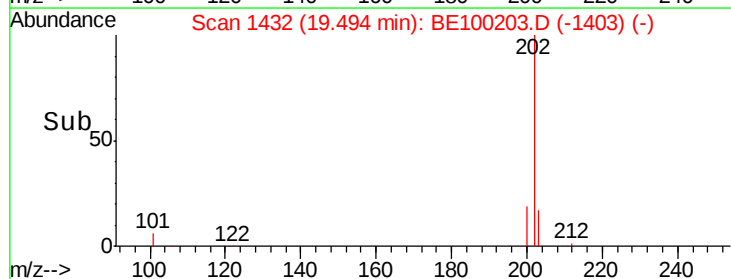
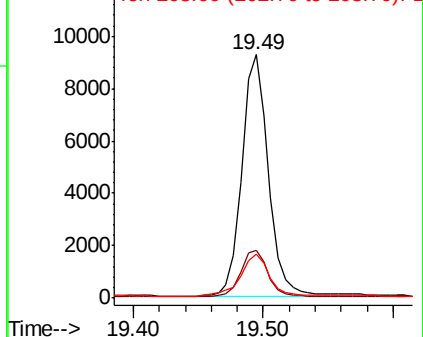
203 18.9 13.9 20.9

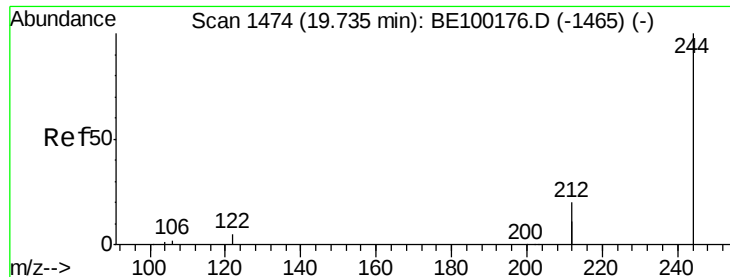


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

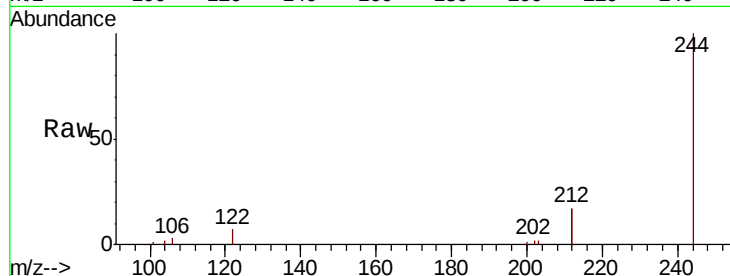
Tot Ion:244 Resp: 6769

Ion Ratio Lower Upper

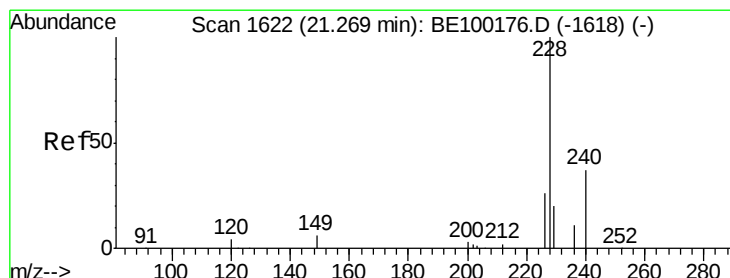
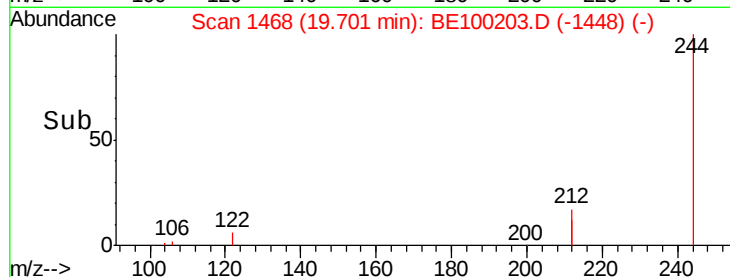
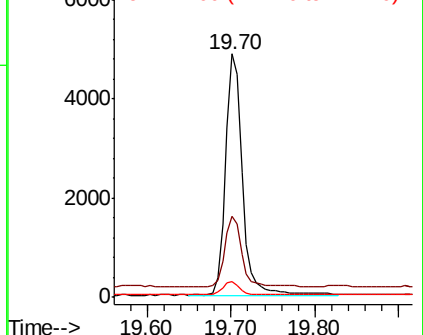
244 100

212 33.3 30.7 46.1

122 6.7 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: 0.504 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

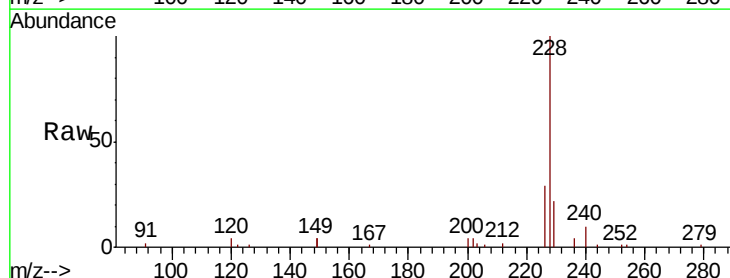
Tgt Ion:228 Resp: 11741

Ion Ratio Lower Upper

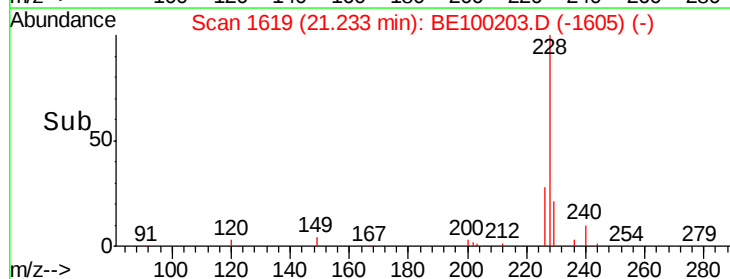
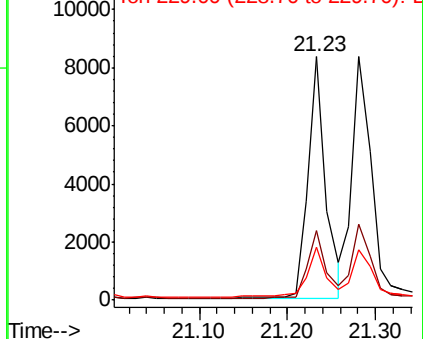
228 100

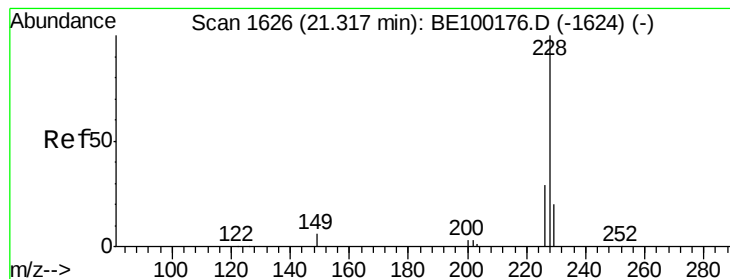
226 28.6 21.5 32.3

229 21.7 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: 0.451 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

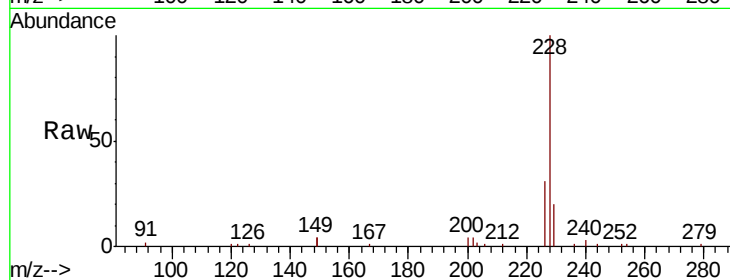
Tot Ion:228 Resp: 12300

Ion Ratio Lower Upper

228 100

226 31.3 23.7 35.5

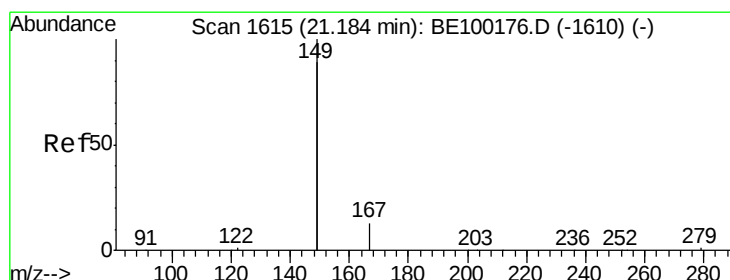
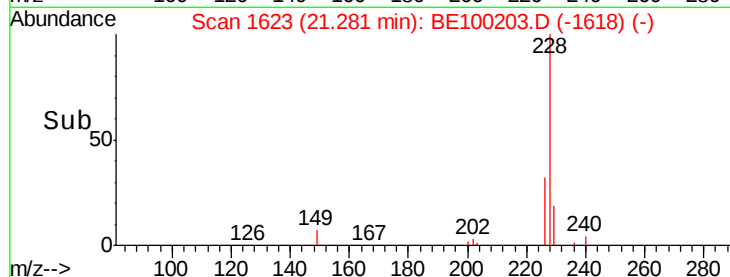
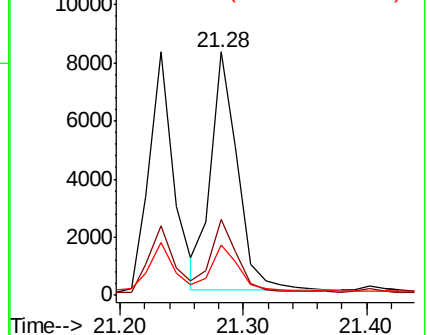
229 20.5 16.5 24.7



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: 0.708 ng

RT: 21.16 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

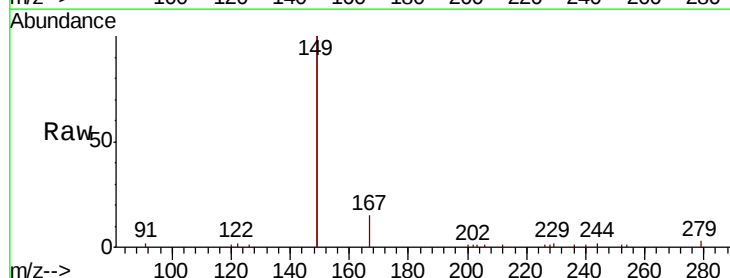
Tgt Ion:149 Resp: 18928

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

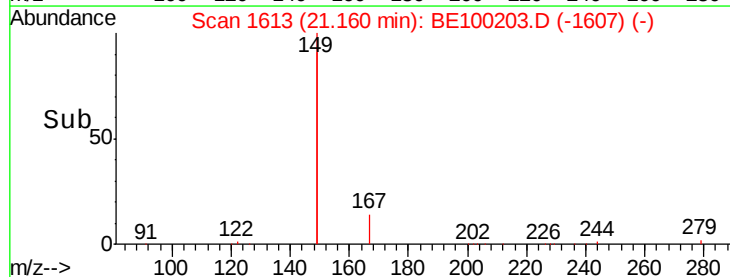
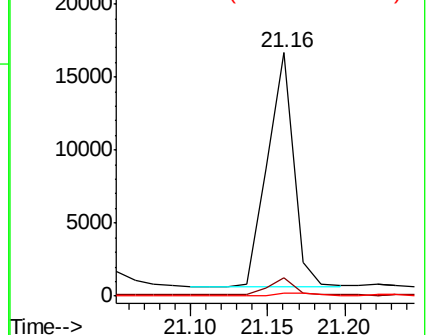
279 1.4 1.0 1.6

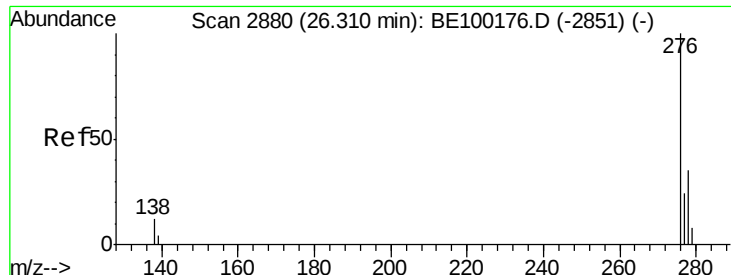


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

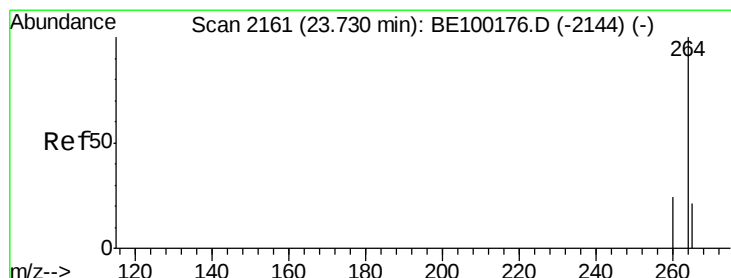
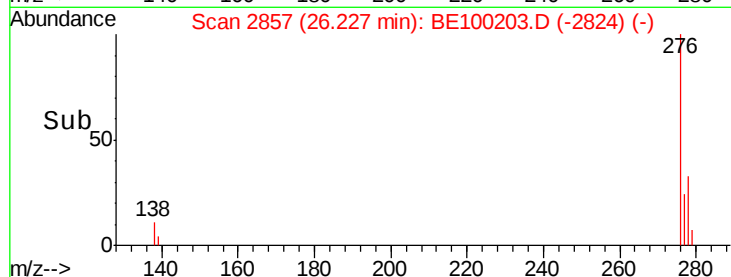
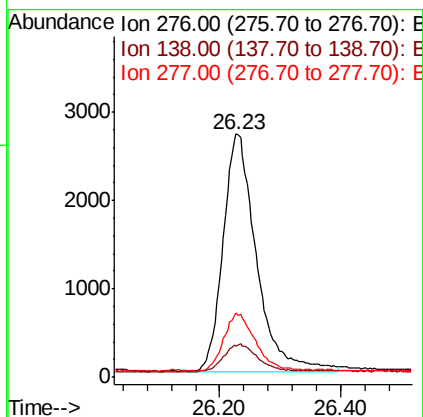
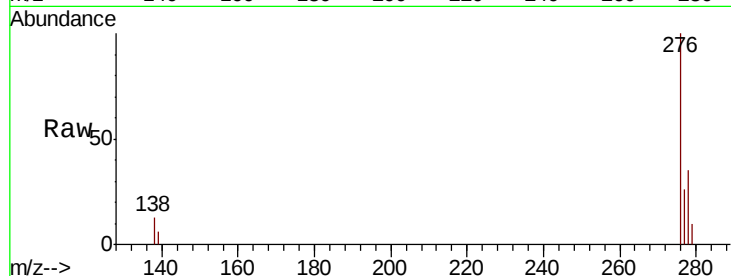




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

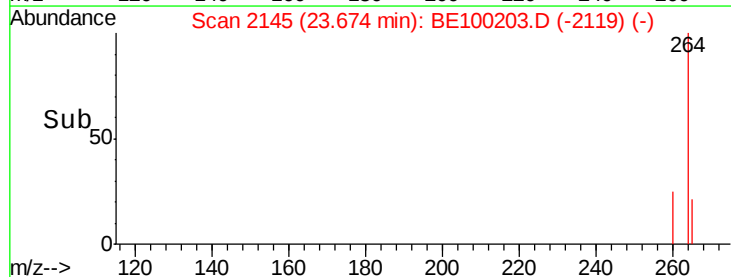
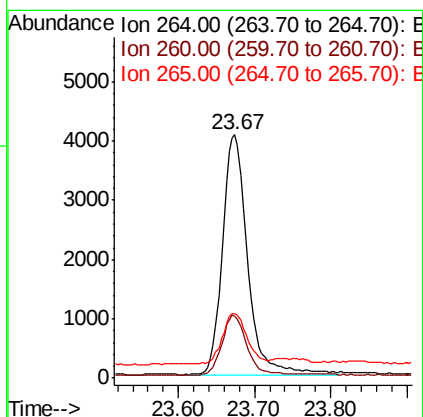
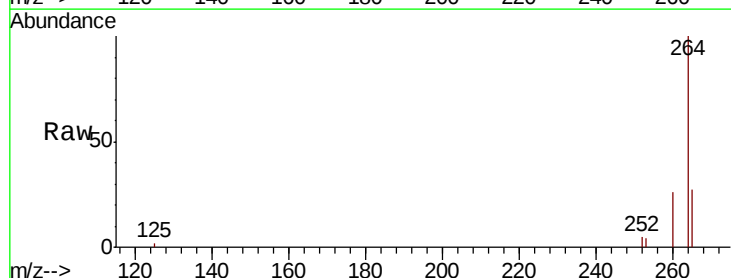
Instrument :
BNA_E
ClientSampleId :

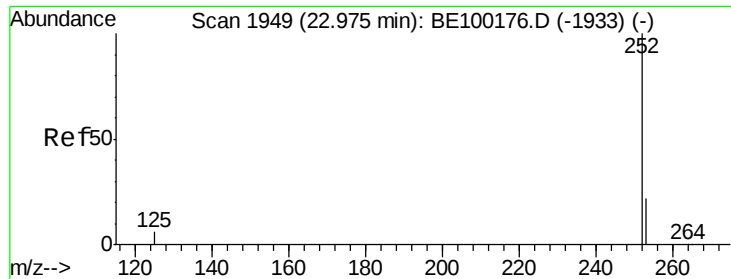
Tot Ion:276 Resp: 10214
Ion Ratio Lower Upper
276 100
138 11.9 3.7 5.5#
277 23.5 18.7 28.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.06 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:264 Resp: 9234
Ion Ratio Lower Upper
264 100
260 25.6 20.4 30.6
265 26.7 22.5 33.7

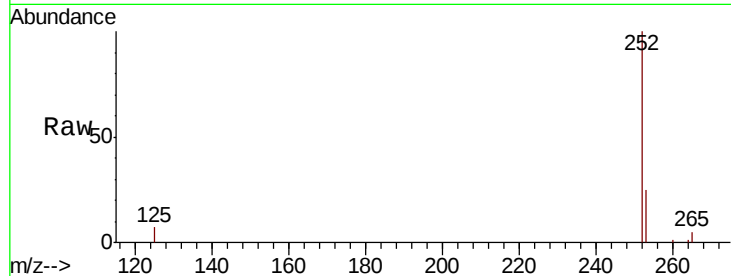




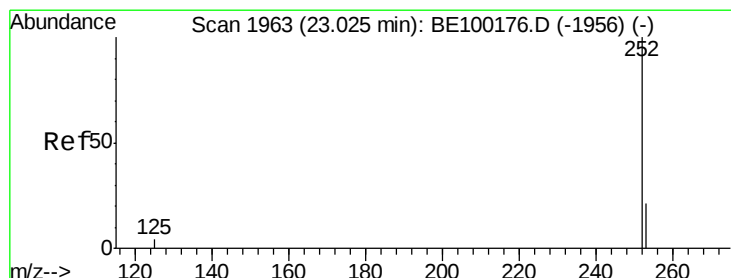
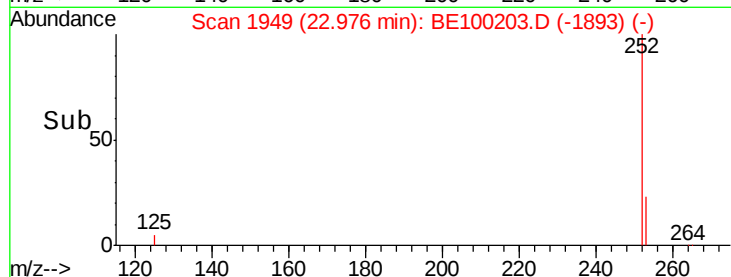
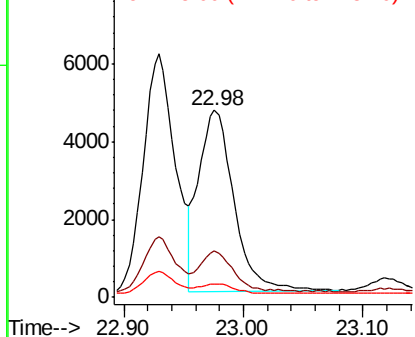
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.98 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 9561
Ion Ratio Lower Upper
252 100
253 24.9 19.0 28.4
125 7.3 6.3 9.5

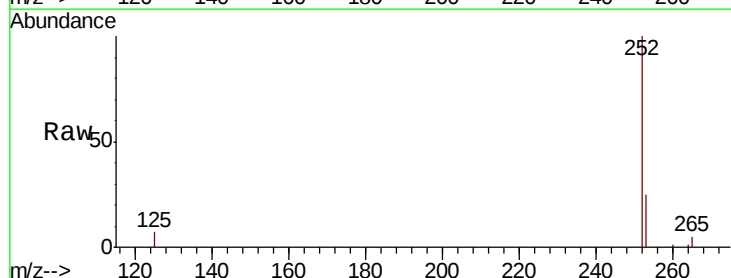


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

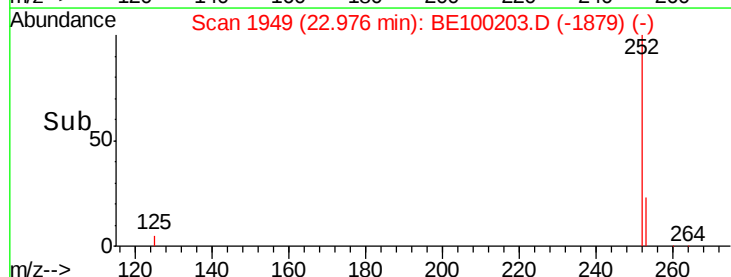
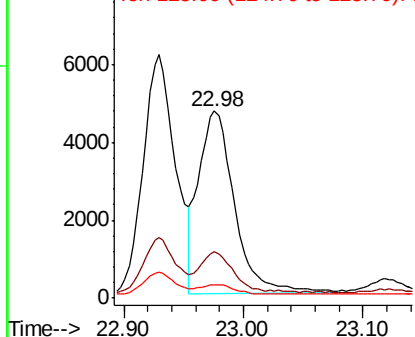


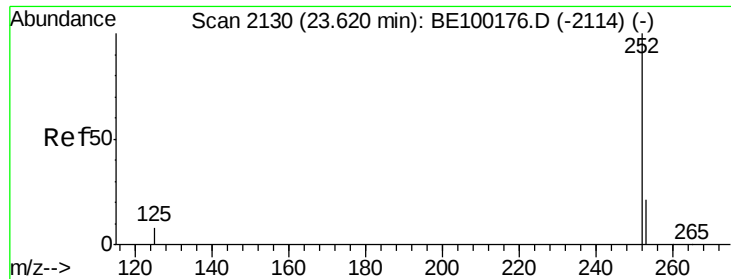
#36
Benzo(k)fluoranthene
Concen: 0.331 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.05 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:252 Resp: 9841
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 7.3 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: 0.387 ng

RT: 23.56 min Scan# 2114

Delta R.T. -0.06 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

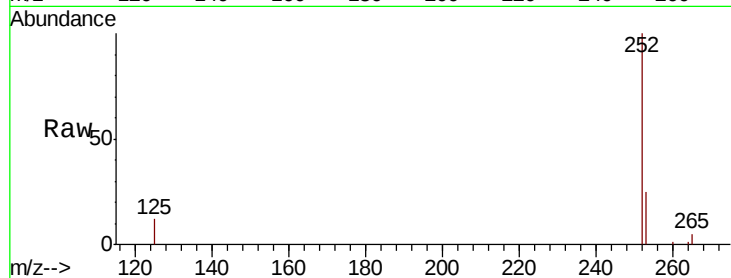
Tot Ion:252 Resp: 9963

Ion Ratio Lower Upper

252 100

253 25.1 19.2 28.8

125 11.8 8.2 12.2

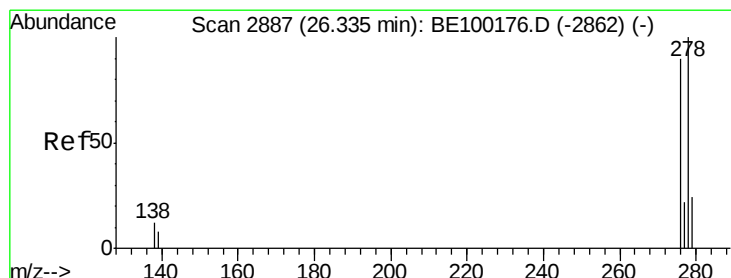
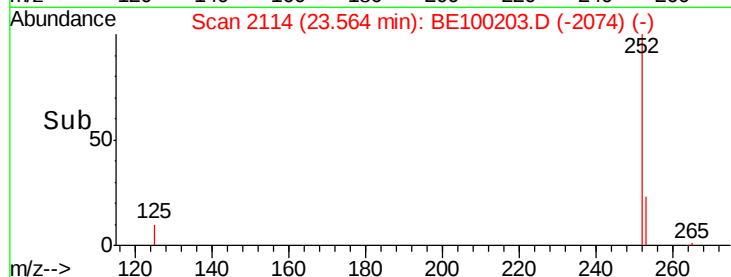
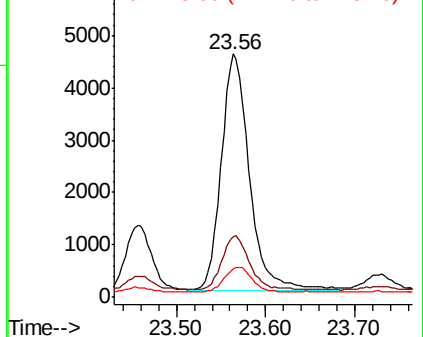


Abundance

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: 0.248 ng

RT: 26.26 min Scan# 2865

Delta R.T. -0.08 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

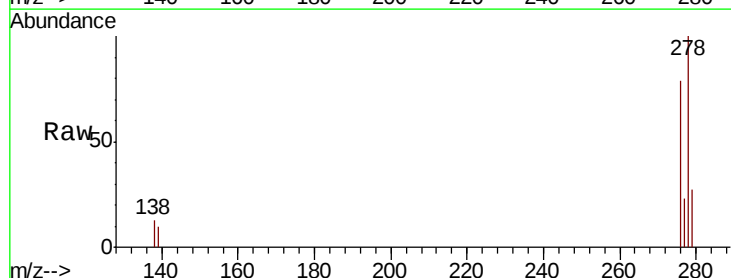
Tgt Ion:278 Resp: 6814

Ion Ratio Lower Upper

278 100

139 10.3 9.0 13.4

279 26.7 21.1 31.7

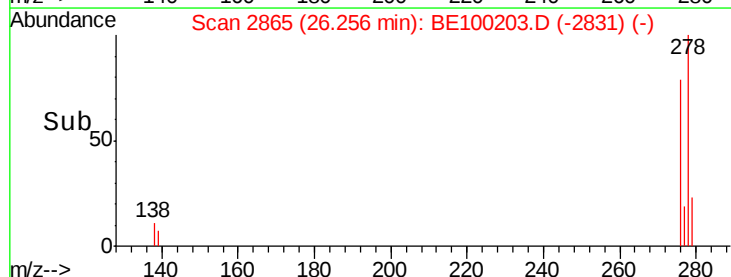
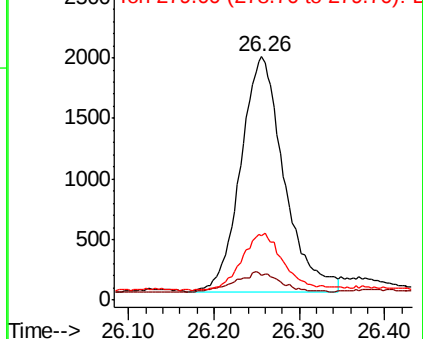


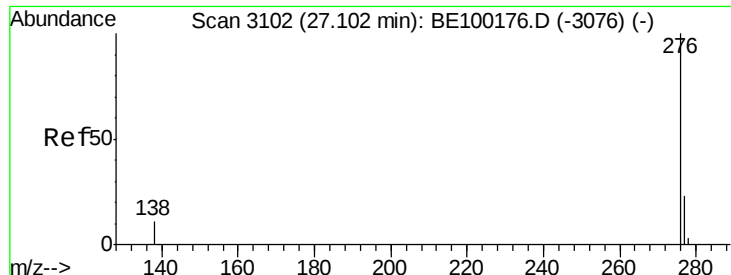
Abundance

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: 0.316 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.08 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

ClientSampleId :

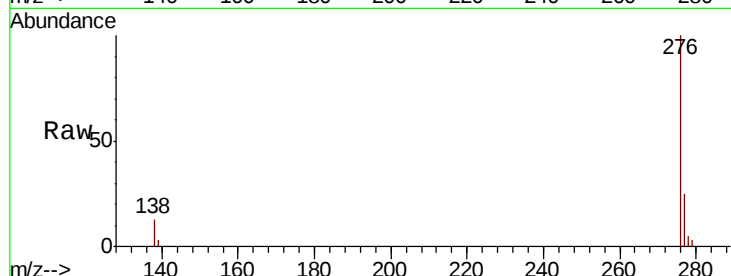
Tot Ion: 276 Resp: 9069

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 12.7 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

