

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100919.D
 Acq On : 16 Dec 2019 14:28
 Operator : JU
 Sample : K6251-15MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 16 16:48:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4278	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	18575	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	10295	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26963	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28253	0.40	ng	0.00
34) Perylene-d12	23.74	264	33141	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1977	0.19	ng	-0.01
5) Phenol-d6	6.93	99	2031	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	4915	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11403	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	880	0.77	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	13665	0.33	ng	0.00
25) Fluoranthene-d10	19.15	212	134323	0.42	ng	0.00
29) Terphenyl-d14	19.75	244	25577	0.38	ng	0.00

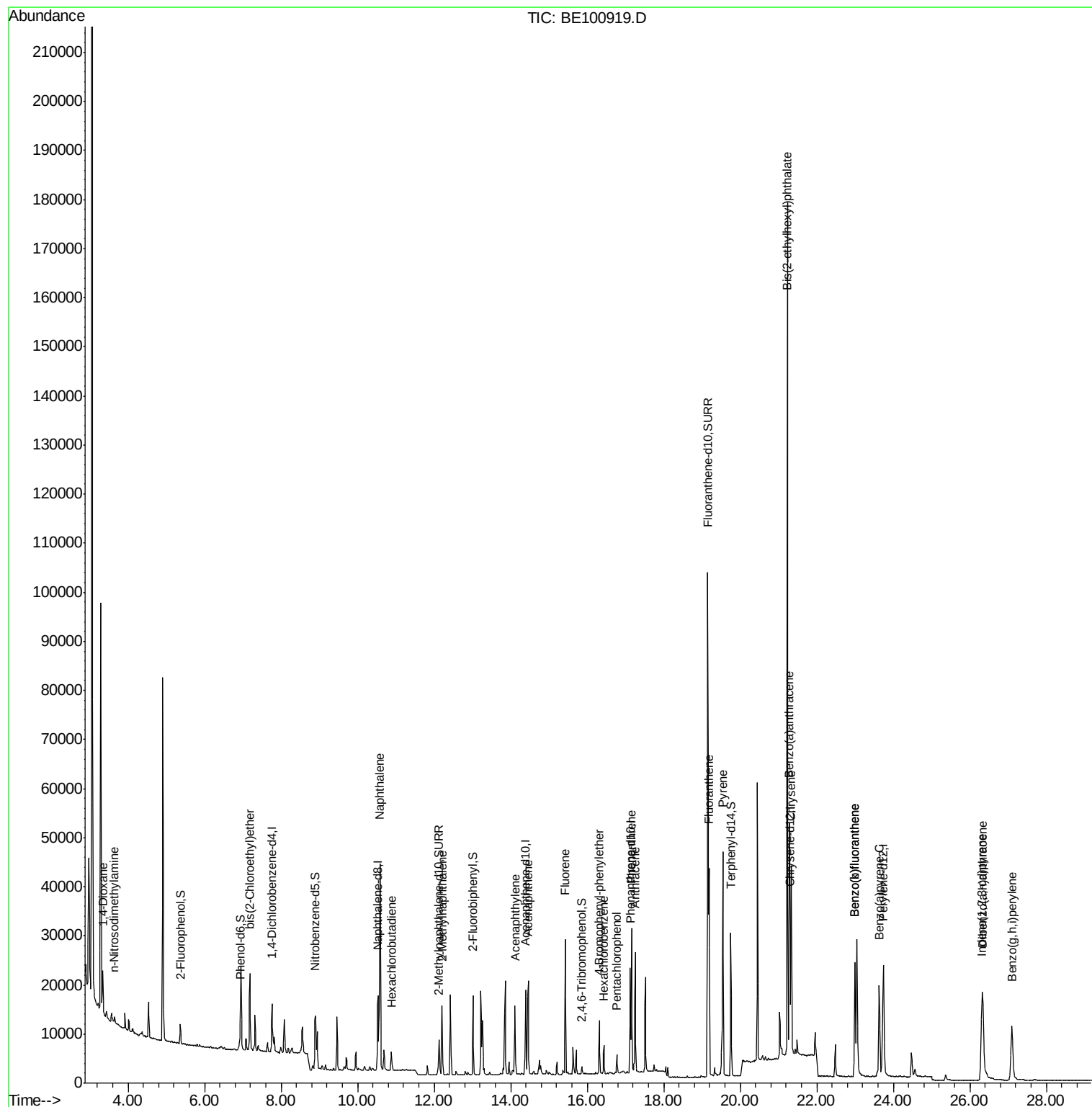
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	5614	0.720	ng	# 72
3) n-Nitrosodimethylamine	3.64	42	1089	0.172	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	5571	0.376	ng	96
9) Naphthalene	10.57	128	75356	0.382	ng	100
10) Hexachlorobutadiene	10.89	225	2587	0.336	ng	99
12) 2-Methylnaphthalene	12.21	142	11599	0.376	ng	99
16) Acenaphthylene	14.11	152	16841	0.395	ng	100
17) Acenaphthene	14.46	154	10963	0.373	ng	99
18) Fluorene	15.42	166	14744	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	4481	0.339	ng	99
21) Hexachlorobenzene	16.44	284	4391	0.306	ng	100
22) Pentachlorophenol	16.77	266	1916	1.927	ng	99
23) Phenanthrene	17.16	178	29036	0.356	ng	99
24) Anthracene	17.25	178	25331	0.371	ng	100
26) Fluoranthene	19.18	202	37549	0.385	ng	99
28) Pyrene	19.54	202	39938	0.435	ng	99
30) Benzo(a)anthracene	21.28	228	35813	0.430	ng	98
31) Chrysene	21.33	228	37001	0.378	ng	100
32) Bis(2-ethylhexyl)phthalate	21.23	149	173896	2.096	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	32085	0.376	ng	99
35) Benzo(b)fluoranthene	23.00	252	31740	0.350	ng	97
36) Benzo(k)fluoranthene	23.00	252	31740	0.312	ng	98
37) Benzo(a)pyrene	23.63	252	29927	0.381	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	26805	0.343	ng	98
39) Benzo(g,h,i)perylene	27.10	276	28141	0.337	ng	100

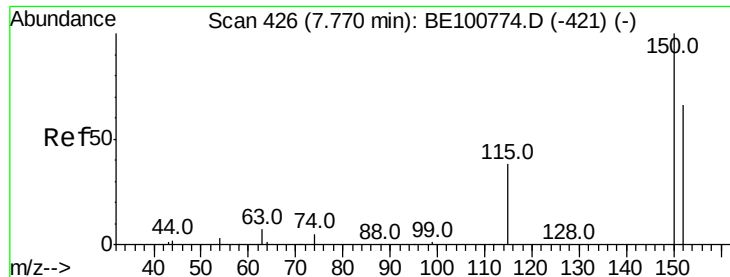
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100919.D
Acq On : 16 Dec 2019 14:28
Operator : JU
Sample : K6251-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 16 16:48:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampled :

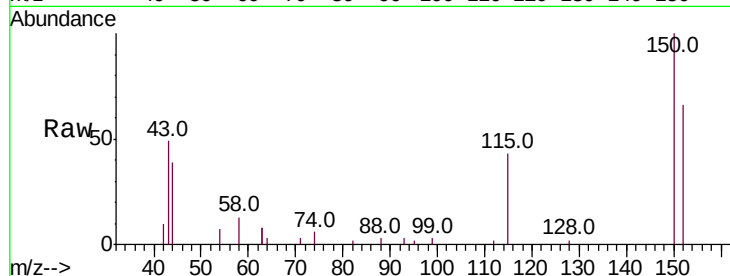
Tot Ion:152 Resp: 4278

Ion Ratio Lower Upper

152 100

150 152.1 125.5 188.3

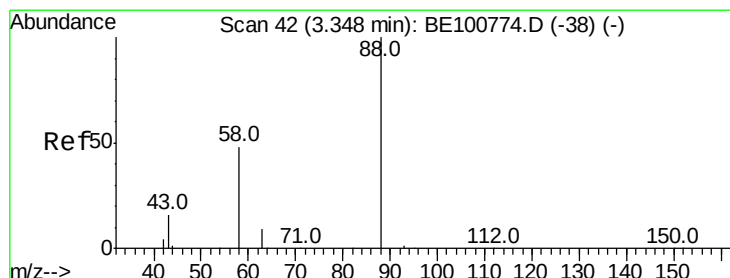
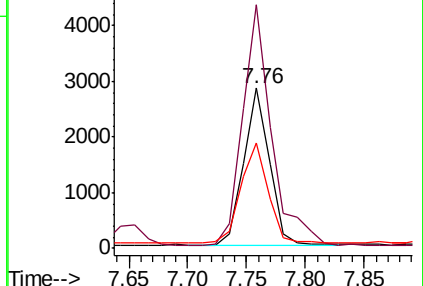
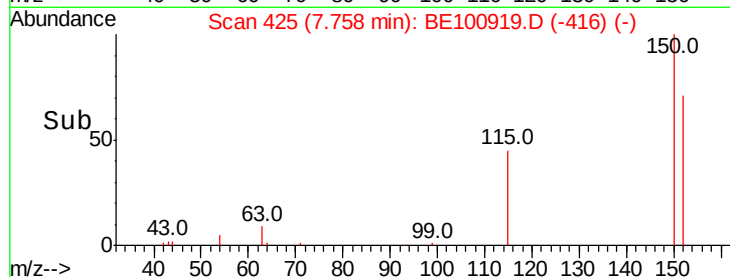
115 65.6 55.7 83.5



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: 0.720 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

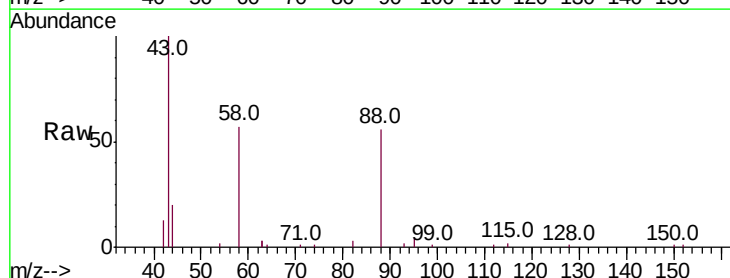
Tgt Ion: 88 Resp: 5614

Ion Ratio Lower Upper

88 100

58 82.2 52.3 78.5#

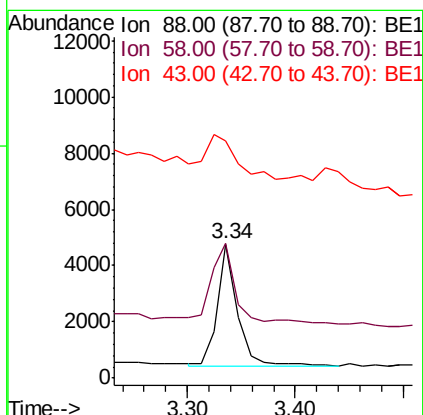
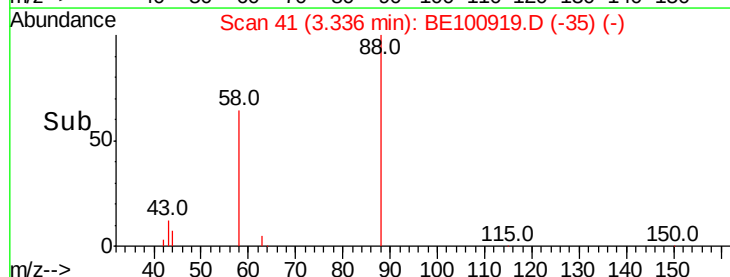
43 53.2 23.5 35.3#

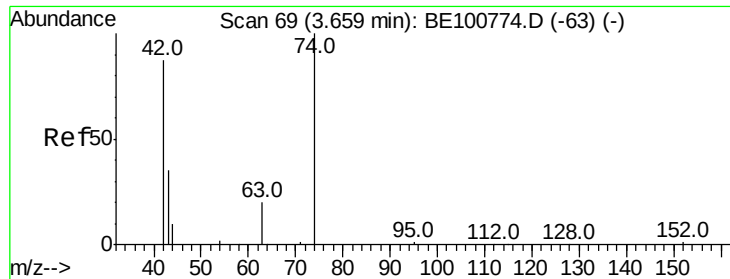


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.172 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

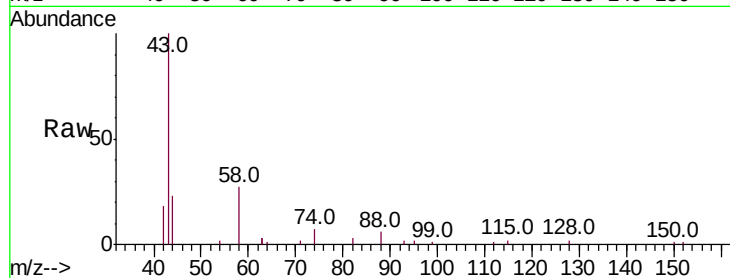
Tot Ion: 42 Resp: 1089

Ion Ratio Lower Upper

42 100

74 117.2 90.3 135.5

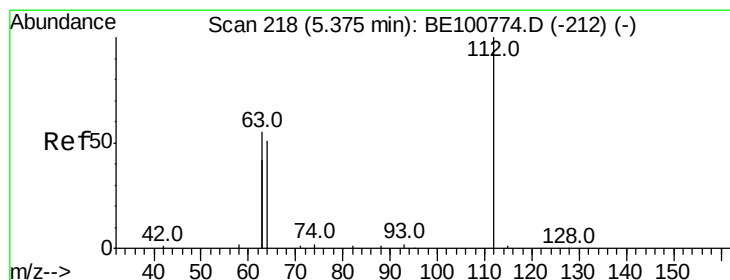
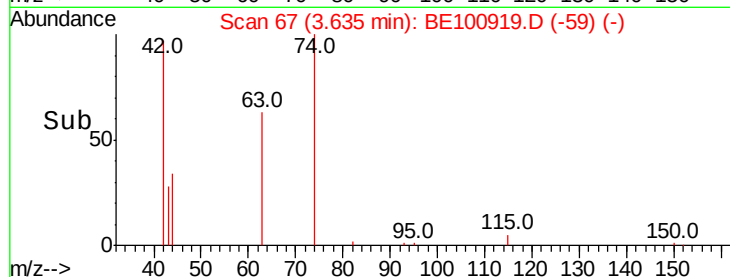
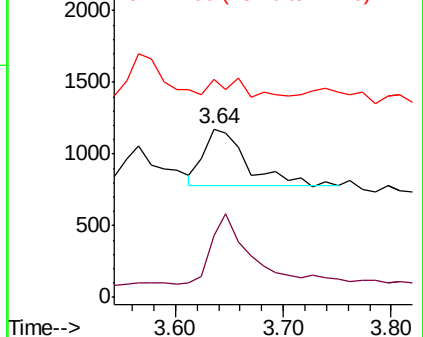
44 0.0 9.0 13.4#



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: 0.195 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

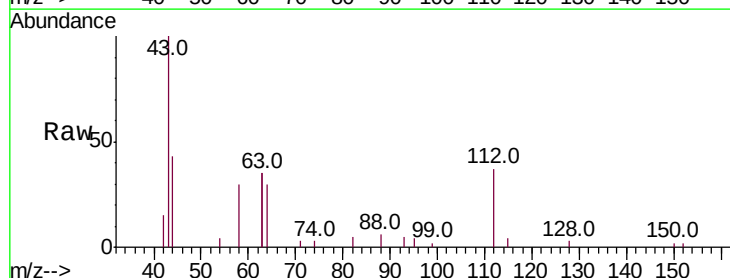
Tgt Ion: 112 Resp: 1977

Ion Ratio Lower Upper

112 100

64 66.6 54.5 81.7

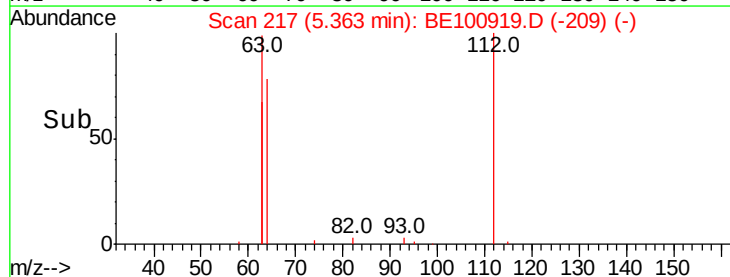
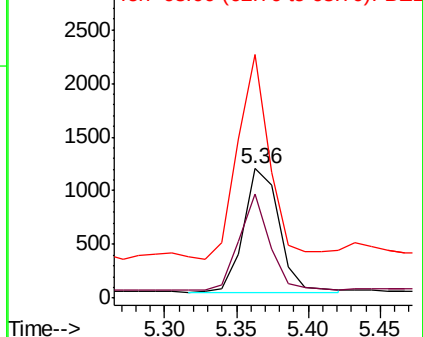
63 146.2 116.1 174.1

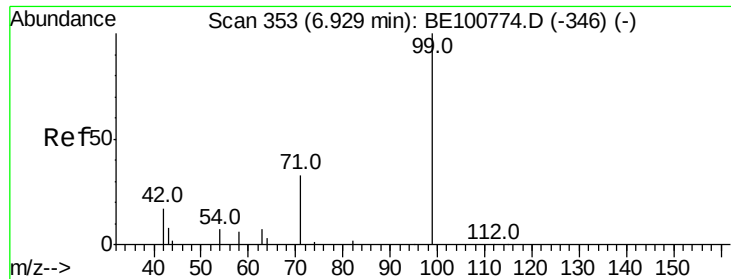


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.133 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

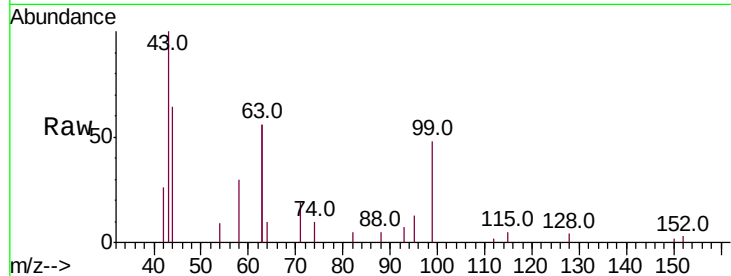
Tot Ion: 99 Resp: 2031

Ion Ratio Lower Upper

99 100

42 64.9 18.2 27.2#

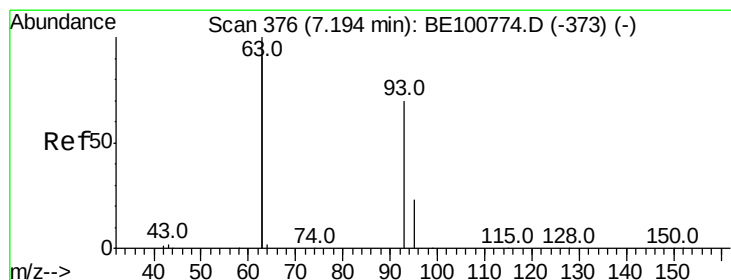
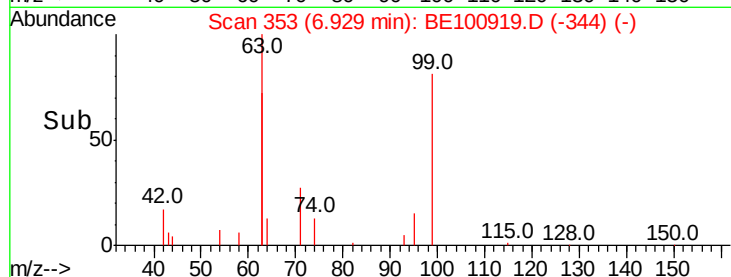
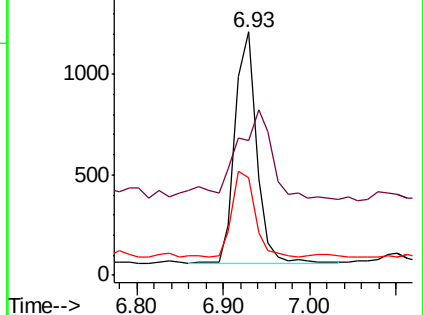
71 0.0 29.1 43.7#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

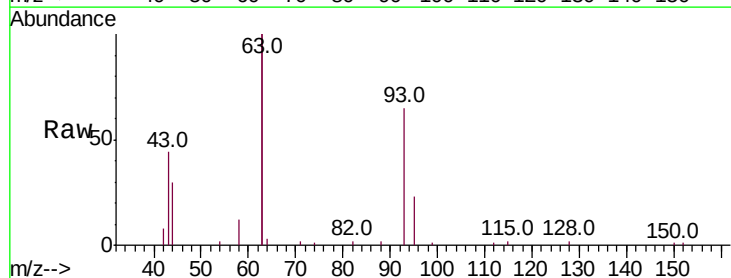
Tgt Ion: 93 Resp: 5571

Ion Ratio Lower Upper

93 100

63 325.6 253.9 380.9

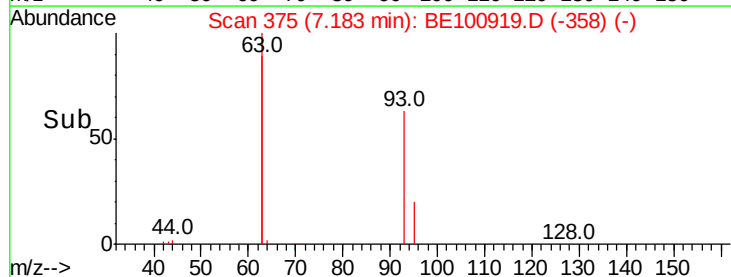
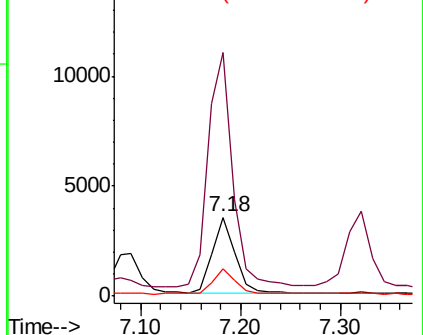
95 33.9 25.0 37.6

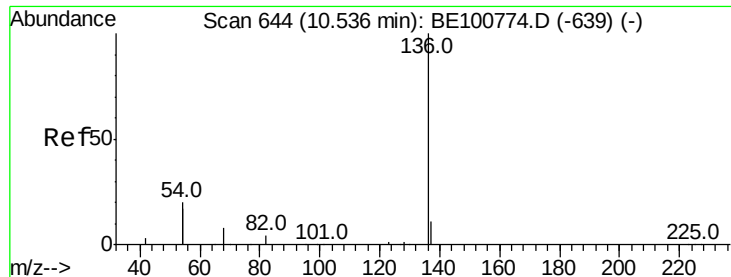


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18575

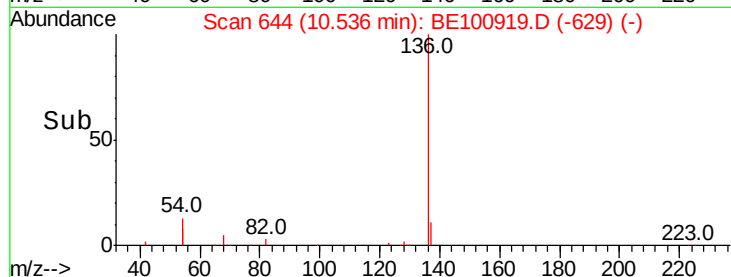
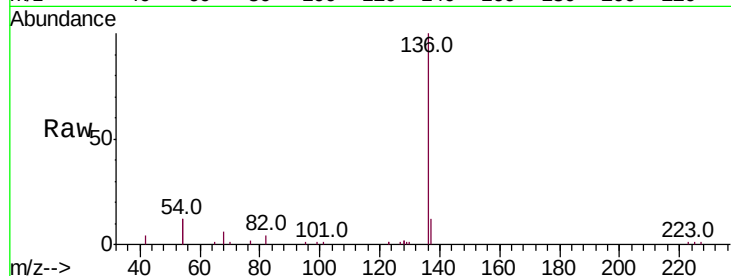
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 24.9 18.9 28.3

68 6.1 4.6 6.8

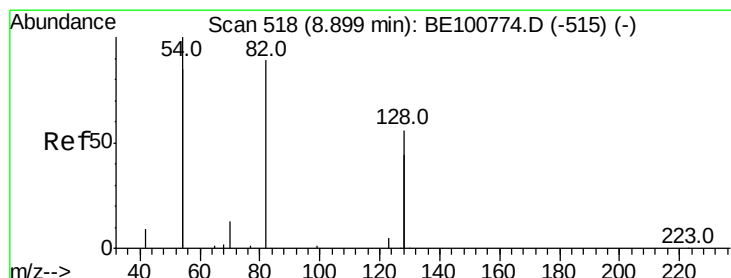
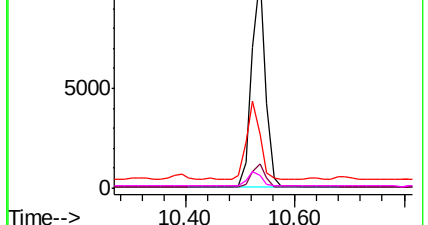


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.556 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

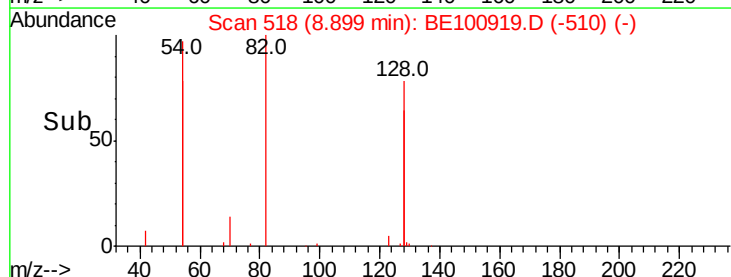
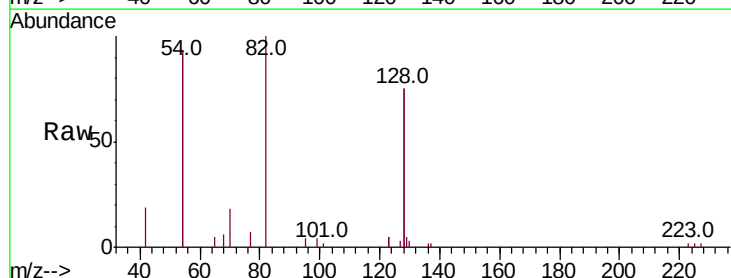
Tgt Ion: 82 Resp: 4915

Ion Ratio Lower Upper

82 100

128 149.7 113.5 170.3

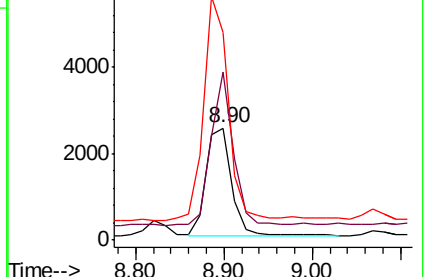
54 185.4 138.9 208.3

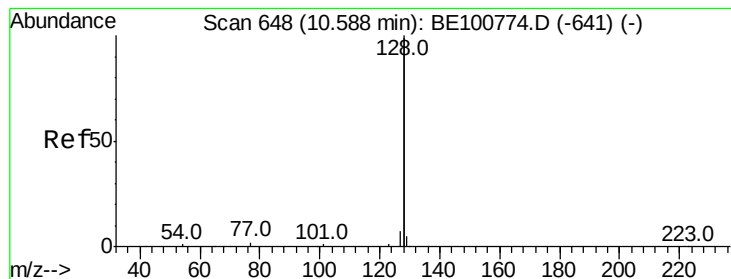


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.382 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

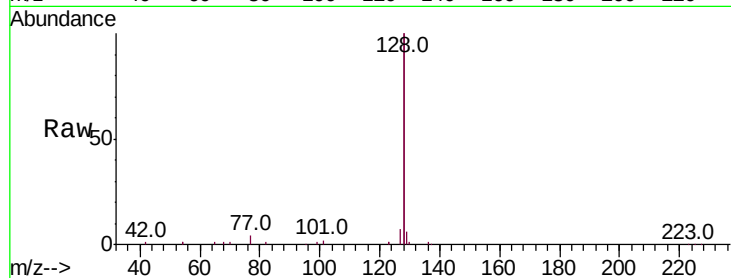
Tot Ion:128 Resp: 75356

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

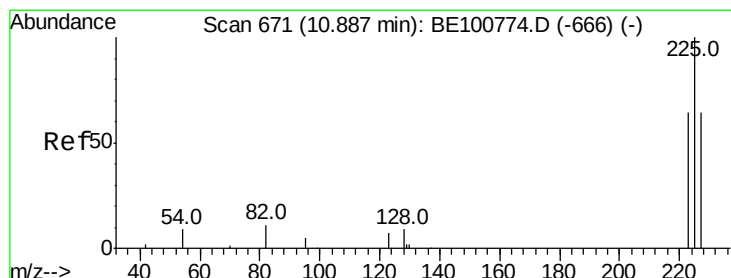
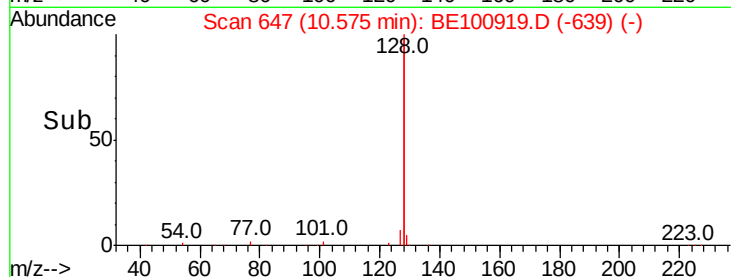
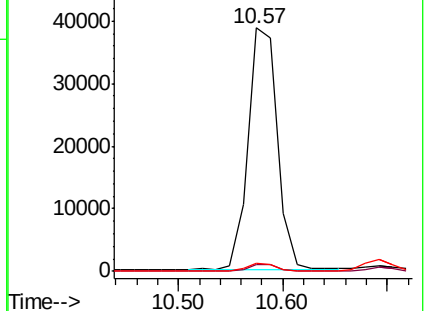
127 3.5 2.8 4.2



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: 0.336 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

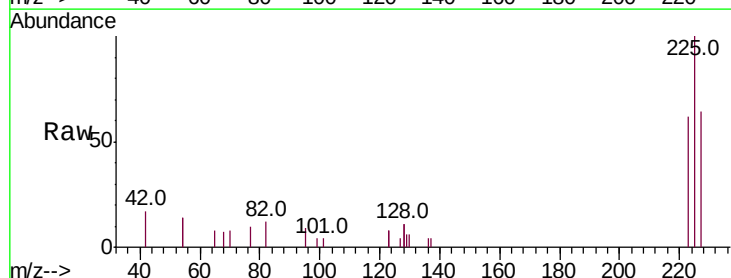
Tgt Ion:225 Resp: 2587

Ion Ratio Lower Upper

225 100

223 63.7 52.1 78.1

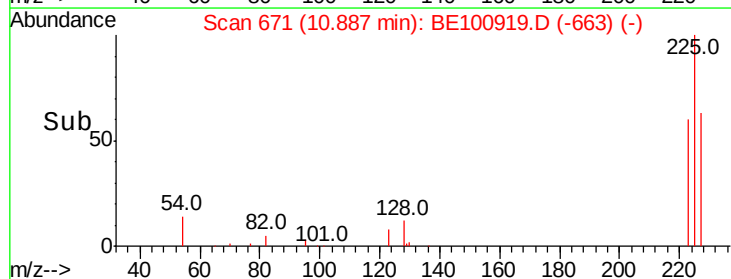
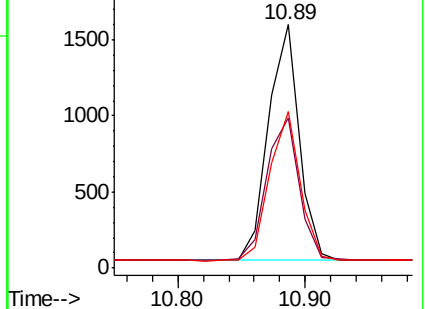
227 63.1 51.1 76.7

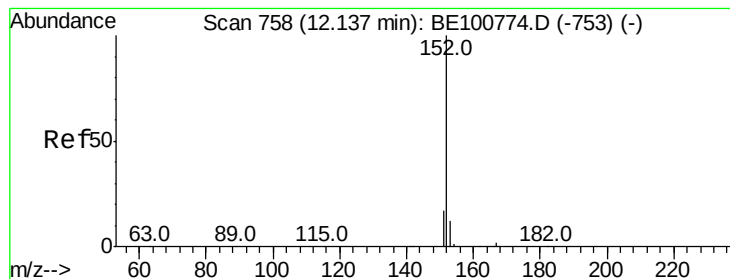


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

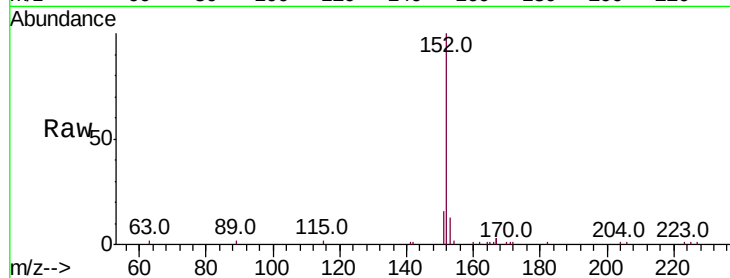
ClientSampleId :

Tot Ion:152 Resp: 11403

Ion Ratio Lower Upper

152 100

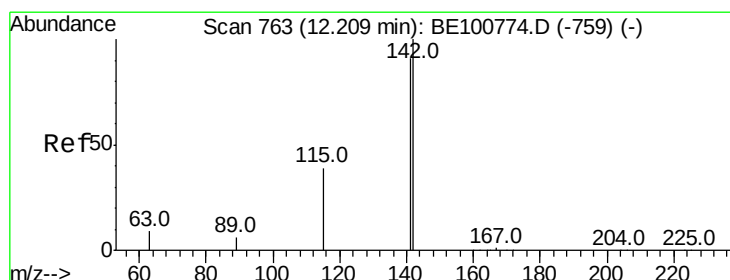
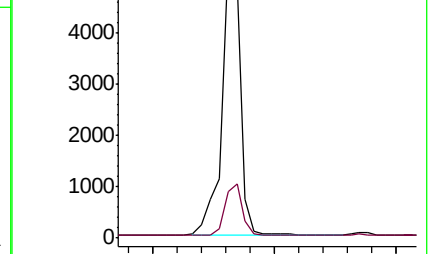
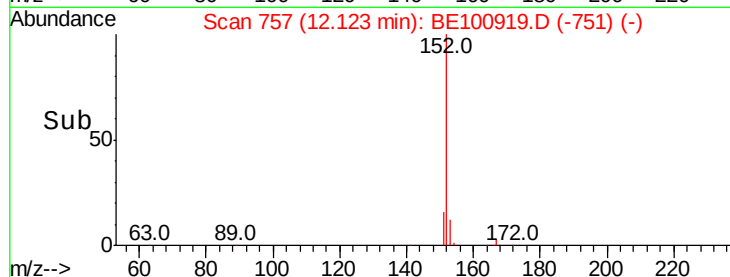
151 17.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12



#12

2-Methylnaphthalene

Concen: 0.376 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

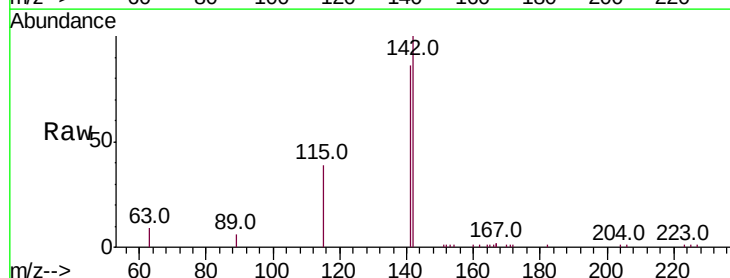
Tgt Ion:142 Resp: 11599

Ion Ratio Lower Upper

142 100

141 85.6 68.9 103.3

115 38.5 29.5 44.3

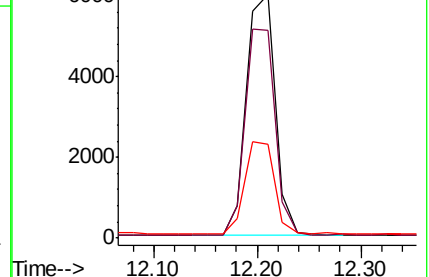
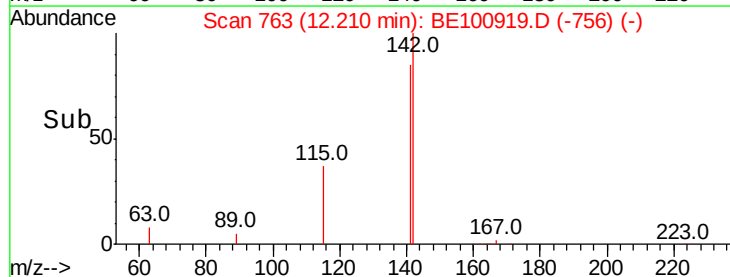


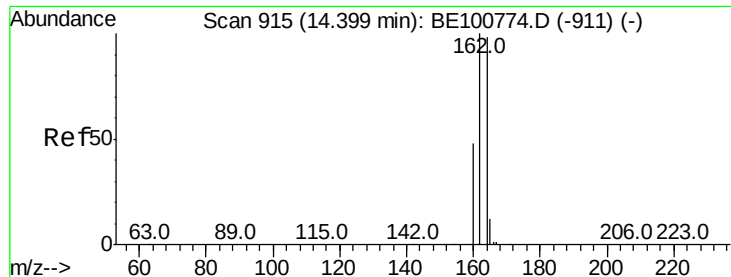
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.21

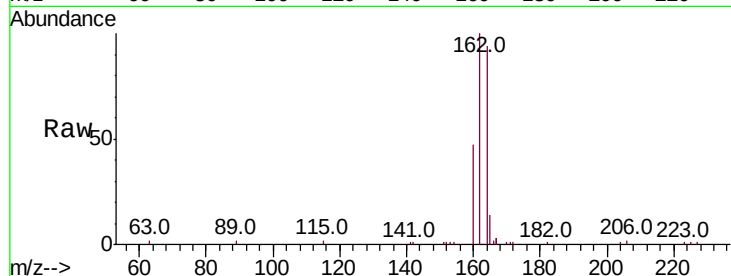




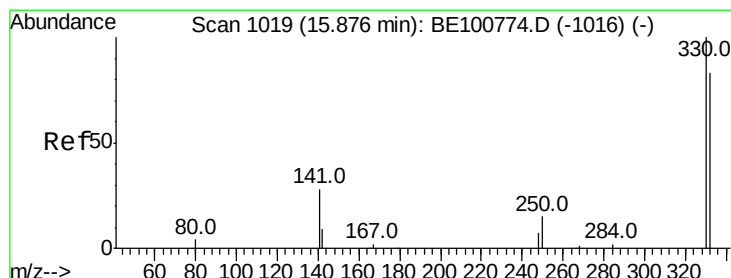
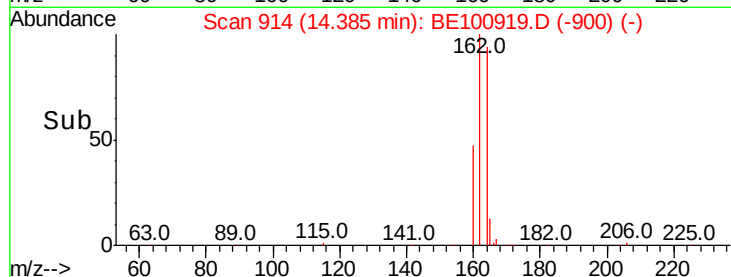
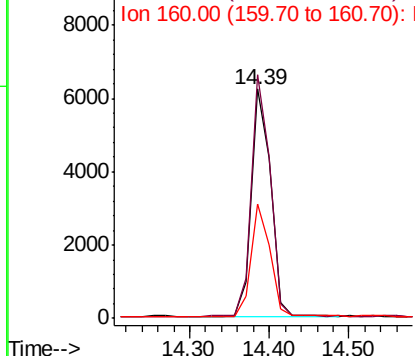
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 10295
Ion Ratio Lower Upper
164 100
162 106.2 86.0 129.0
160 50.1 42.3 63.5

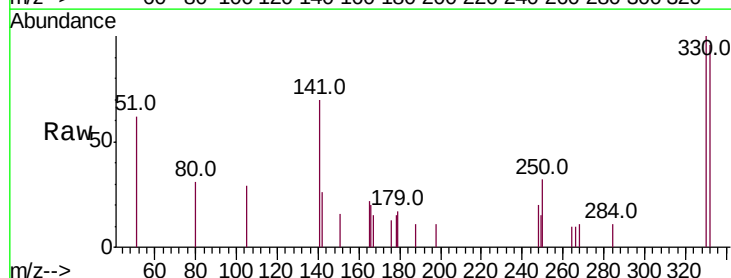


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

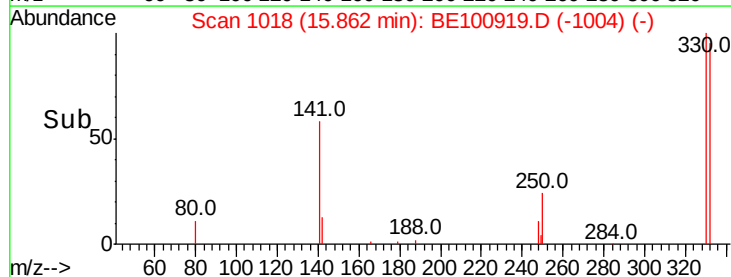
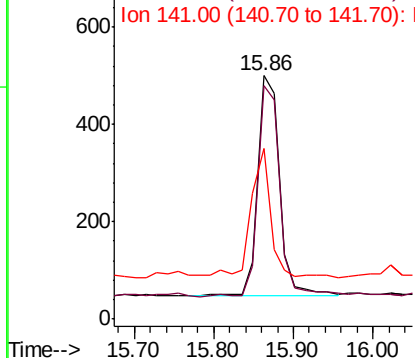


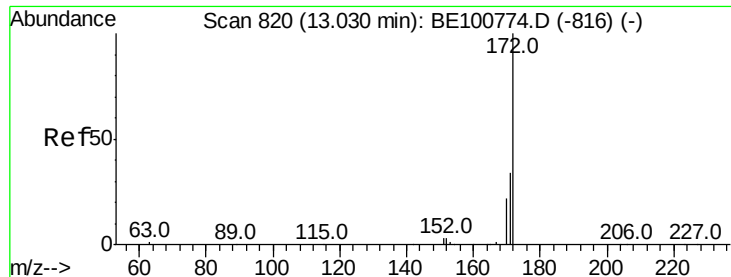
#14
2,4,6-Tribromophenol
Concen: 0.769 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

Tgt Ion:330 Resp: 880
Ion Ratio Lower Upper
330 100
332 96.6 74.1 111.1
141 48.6 46.7 70.1



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

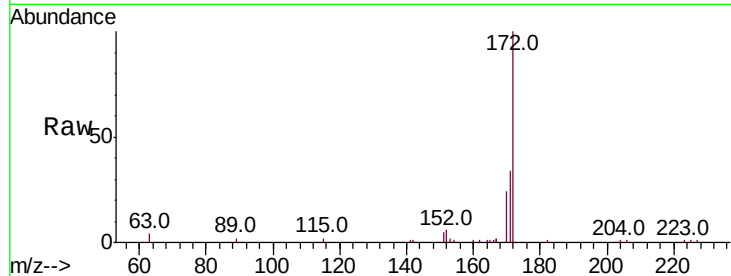




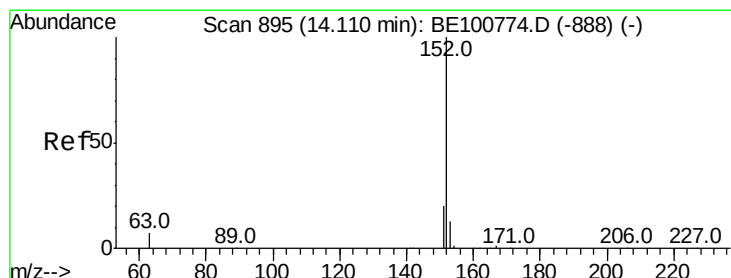
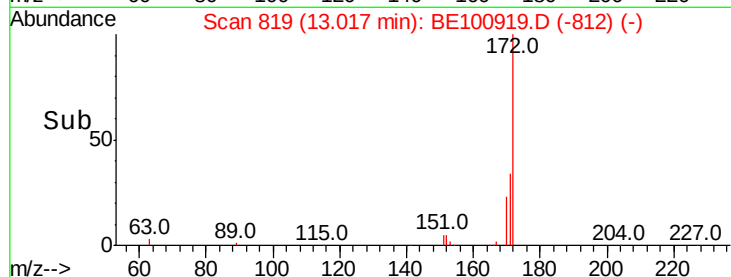
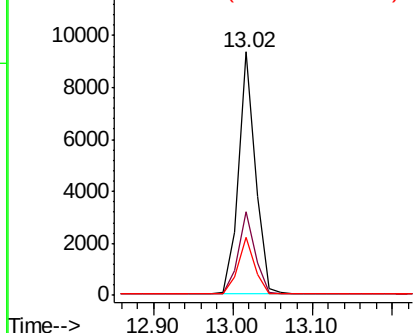
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 13665
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.4
170 23.8 19.4 29.0

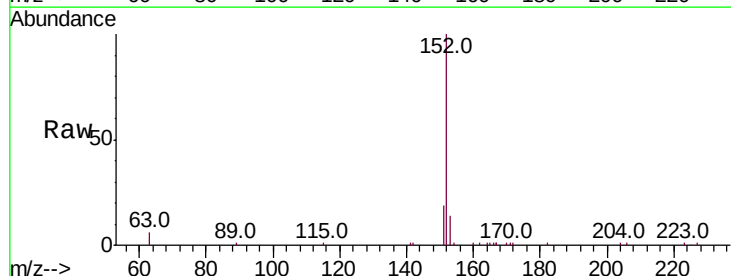


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

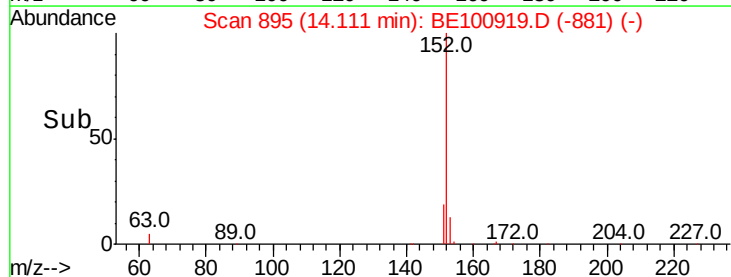
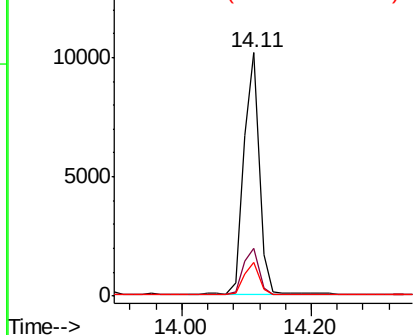


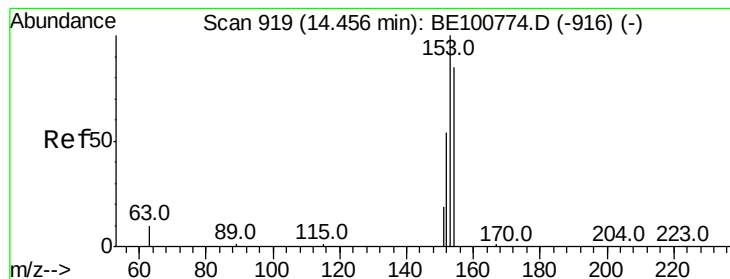
#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

Tgt Ion:152 Resp: 16841
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.5 10.5 15.7



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: 0.373 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

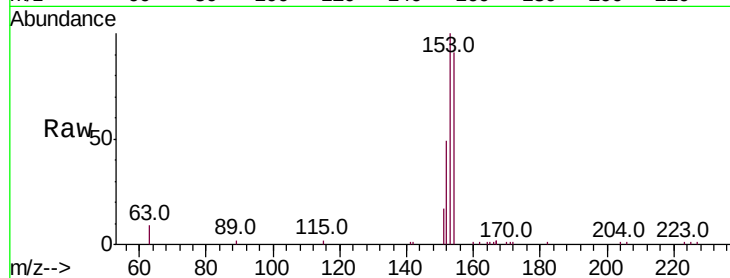
Instrument :

BNA_E

ClientSampled :

Tot Ion:154 Resp: 10963

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.5	137.3
152	58.4	47.7	71.5

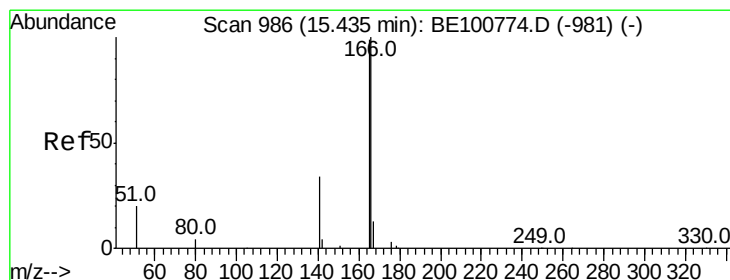
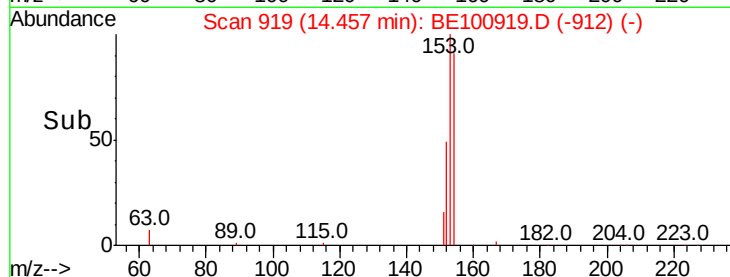
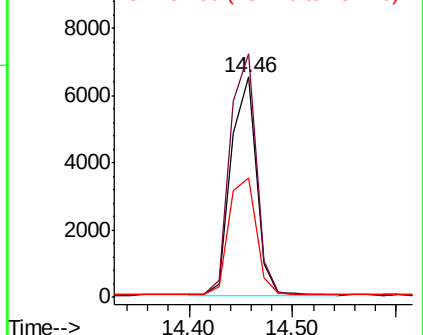


Abundance

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: 0.390 ng

RT: 15.42 min Scan# 985

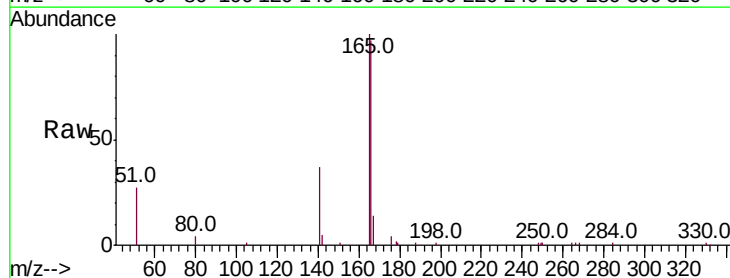
Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Tgt Ion:166 Resp: 14744

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	13.6	10.6	16.0

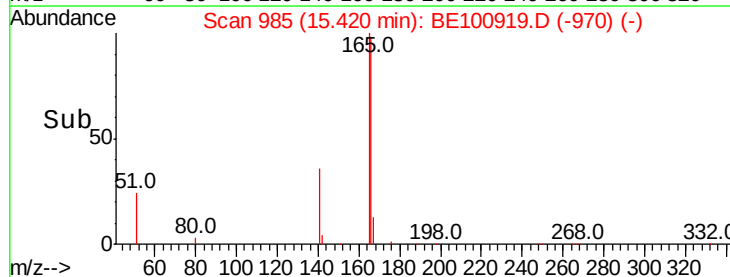
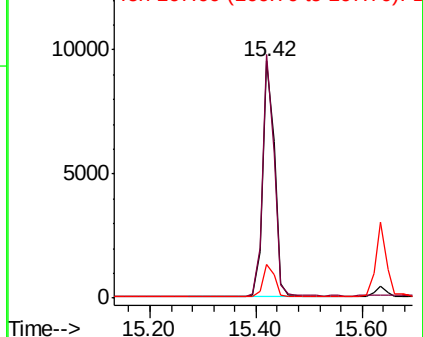


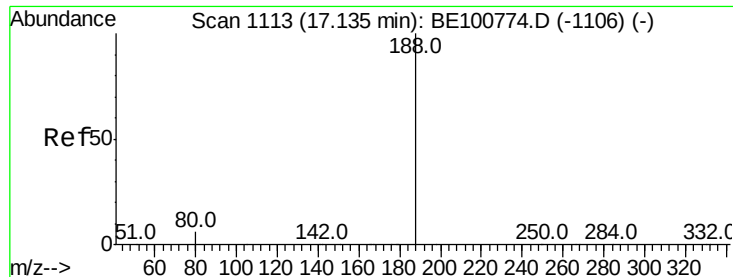
Abundance

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: 17.12 min Scan# 1112

Delta R.T. 0.00 min

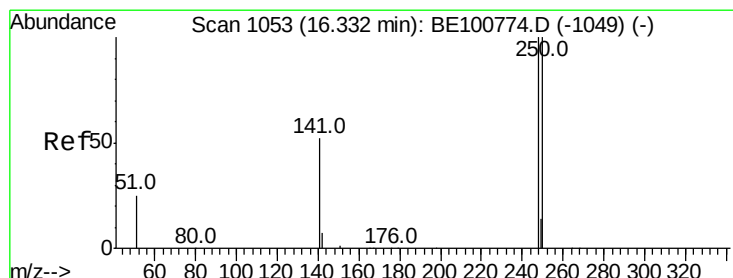
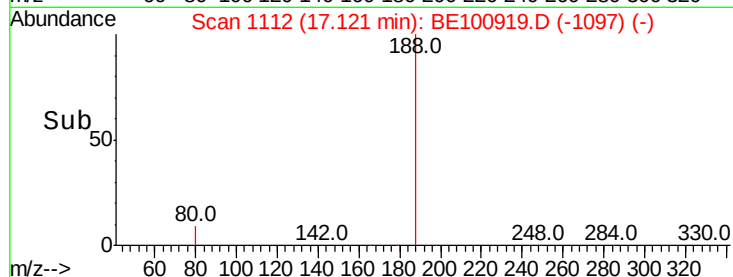
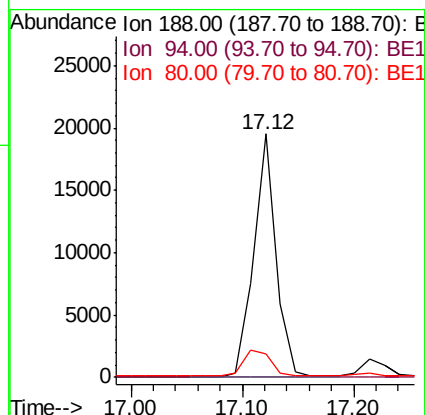
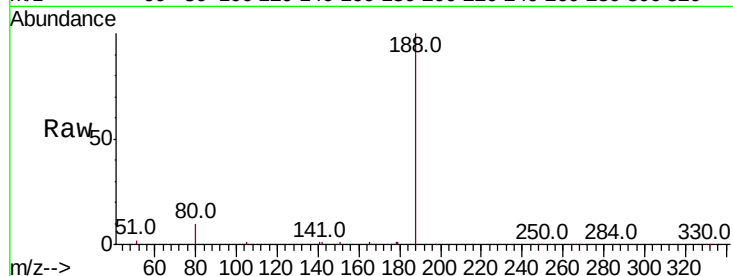
Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 26963

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.9	11.9



#20

4-Bromophenyl-phenylether

Concen: 0.339 ng

RT: 16.32 min Scan# 1052

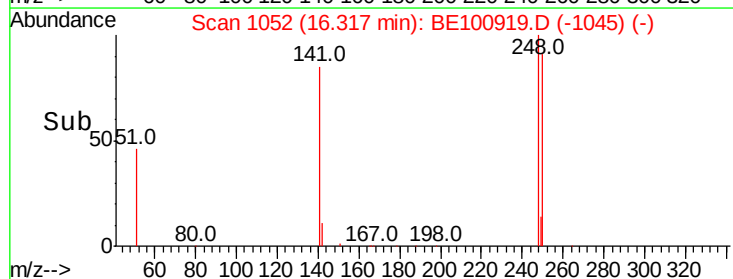
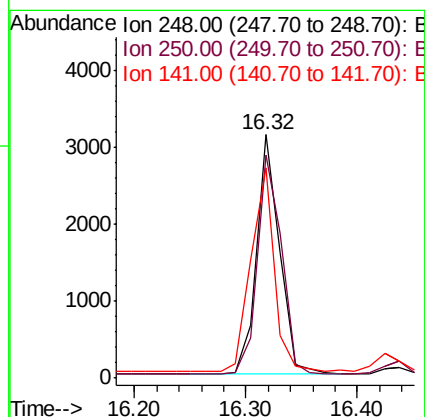
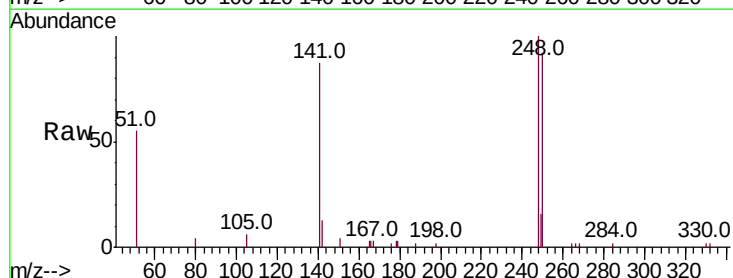
Delta R.T. 0.00 min

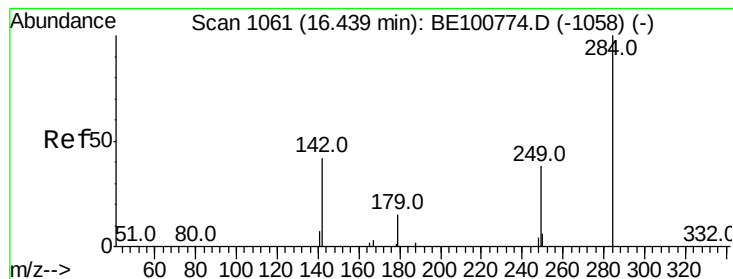
Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Tgt Ion:248 Resp: 4481

Ion	Ratio	Lower	Upper
248	100		
250	91.9	72.4	108.6
141	86.5	68.2	102.2





#21

Hexachlorobenzene

Concen: 0.306 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

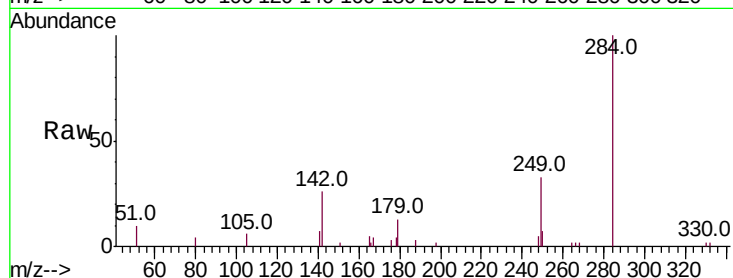
Tot Ion:284 Resp: 4391

Ion Ratio Lower Upper

284 100

142 43.3 35.0 52.4

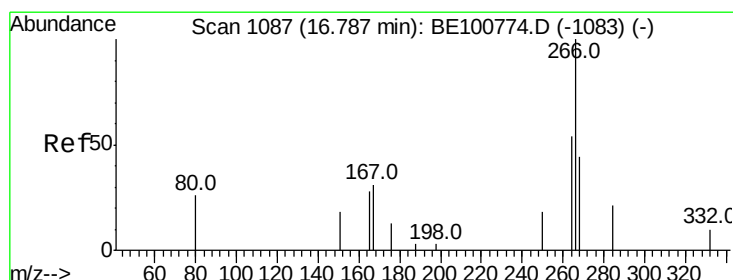
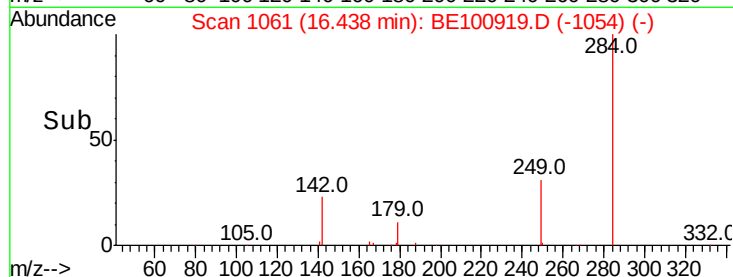
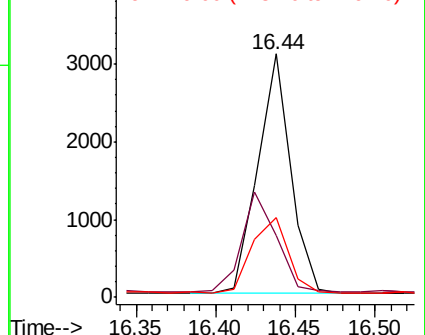
249 35.0 28.1 42.1



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: 1.927 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

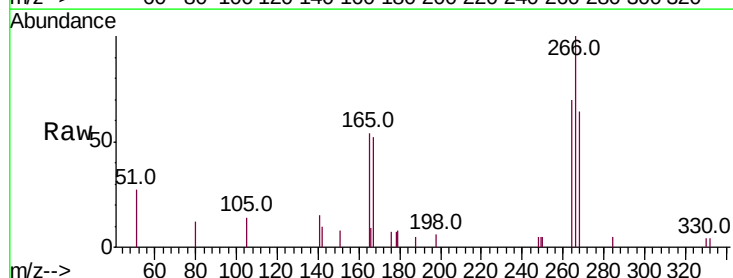
Tgt Ion:266 Resp: 1916

Ion Ratio Lower Upper

266 100

264 70.3 55.1 82.7

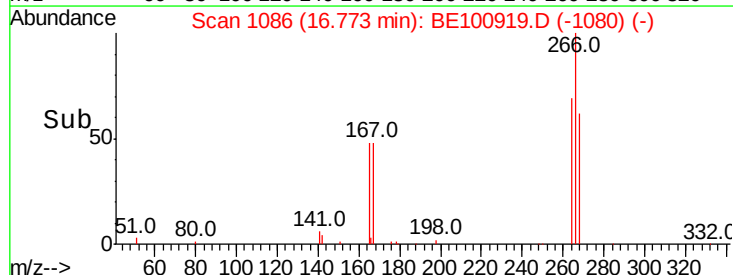
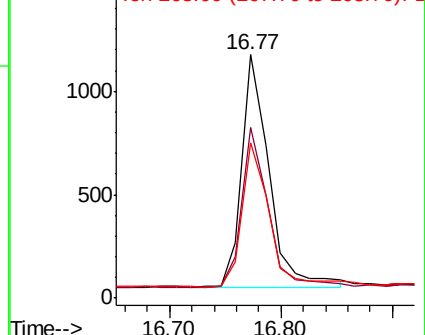
268 63.9 50.7 76.1

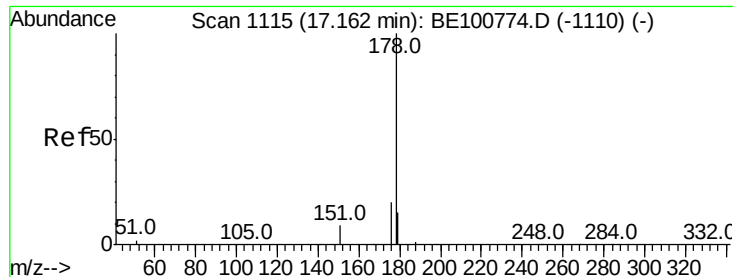


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

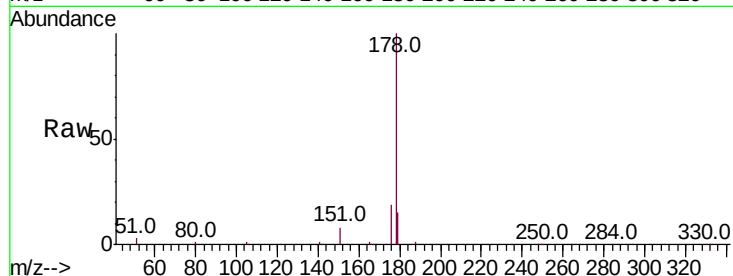
Tot Ion:178 Resp: 29036

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

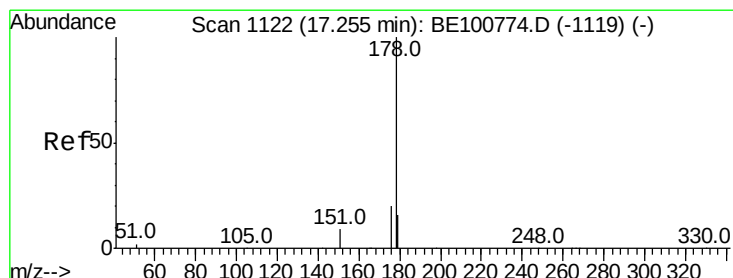
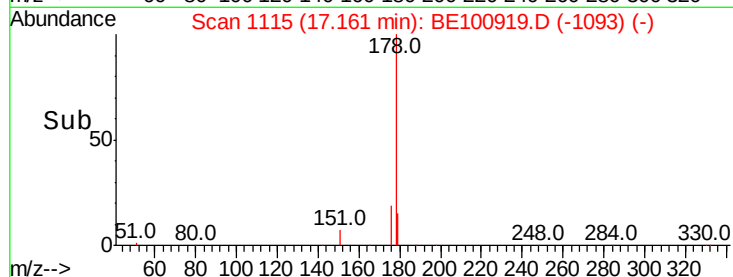
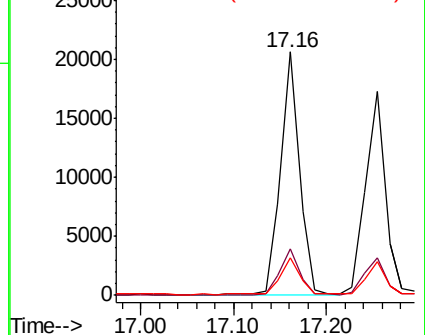
179 15.5 11.9 17.9



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: 0.371 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

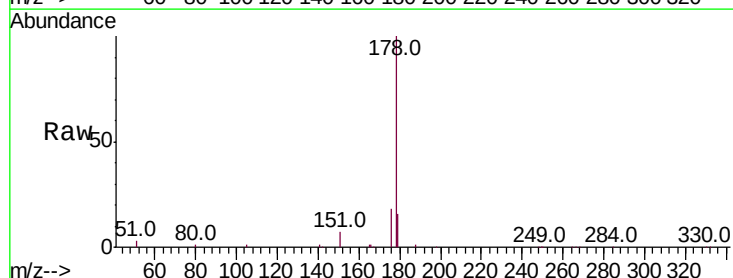
Tgt Ion:178 Resp: 25331

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

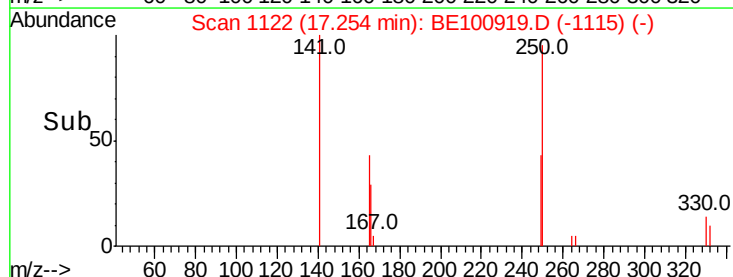
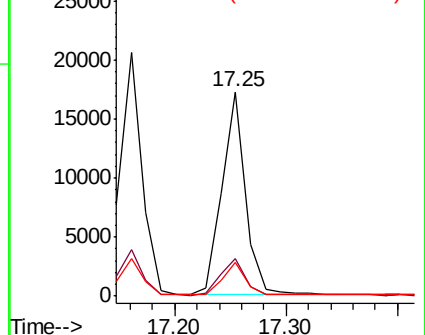
179 15.3 12.2 18.4

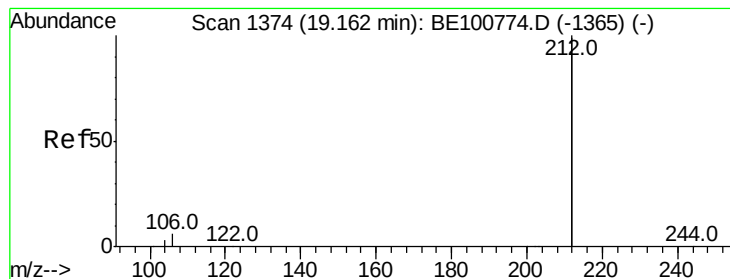


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

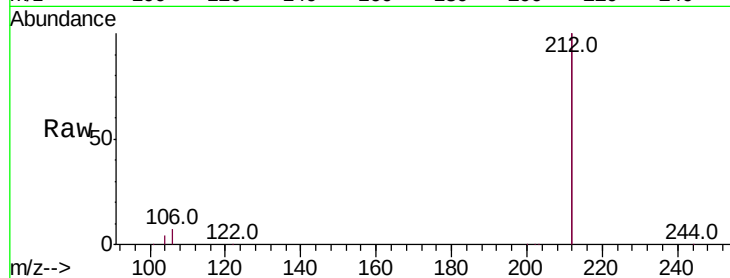
Tot Ion:212 Resp: 134323

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

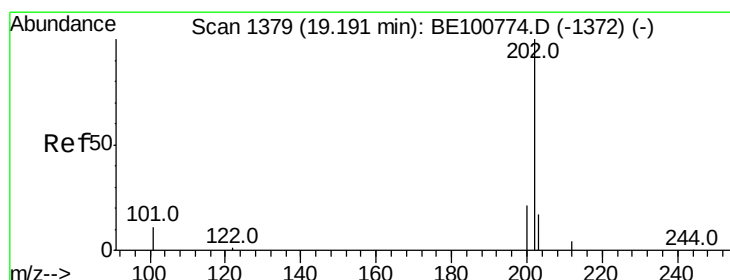
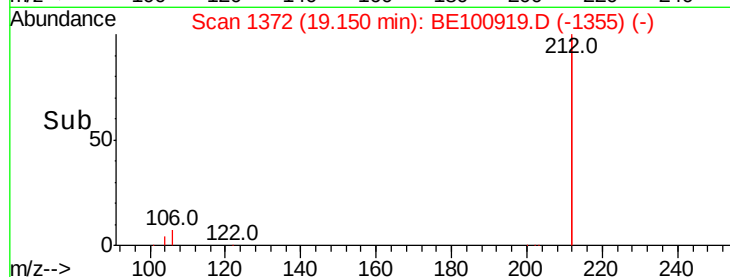
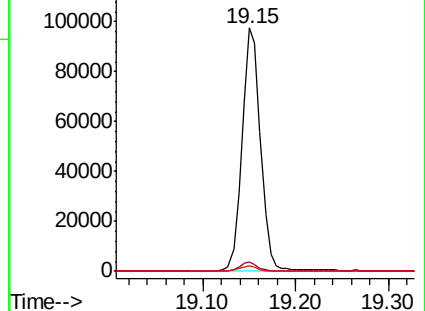
104 2.0 1.4 2.2



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: 0.385 ng

RT: 19.18 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

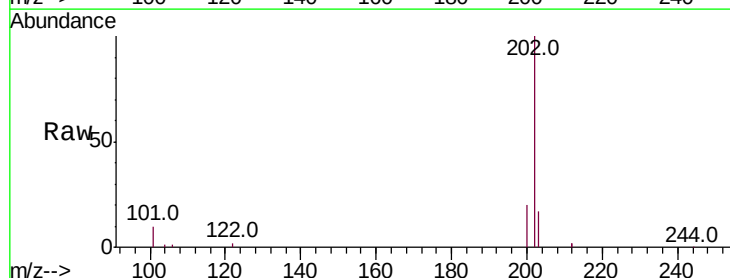
Tgt Ion:202 Resp: 37549

Ion Ratio Lower Upper

202 100

101 12.3 9.4 14.0

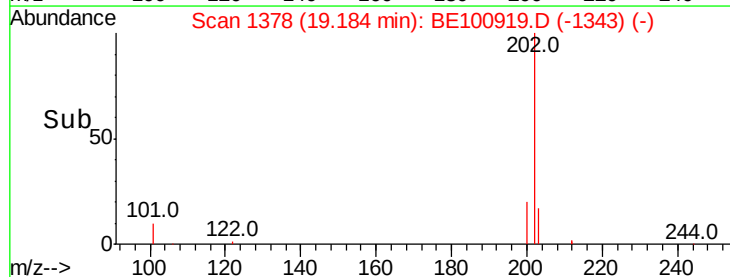
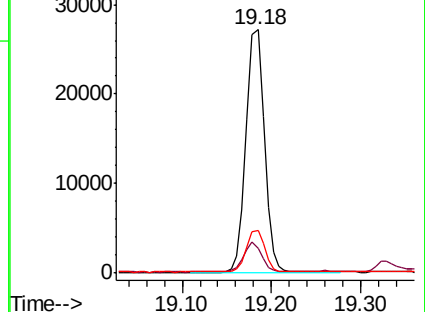
203 17.0 13.7 20.5

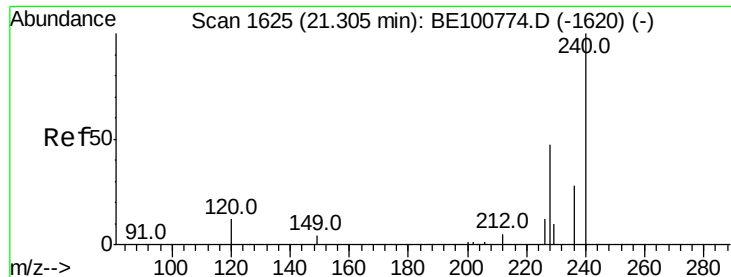


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

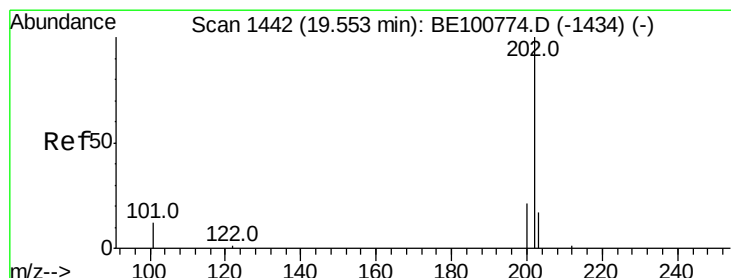
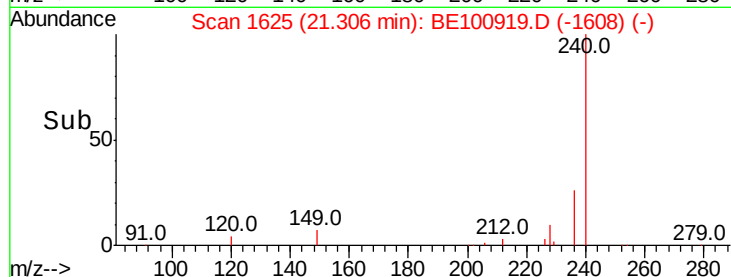
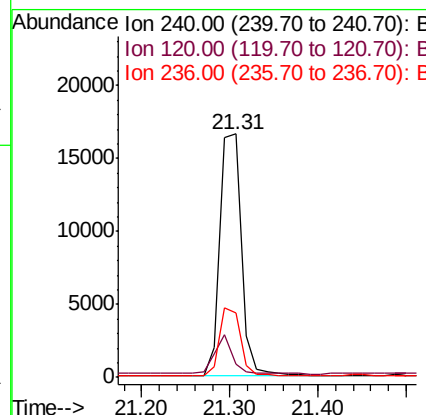
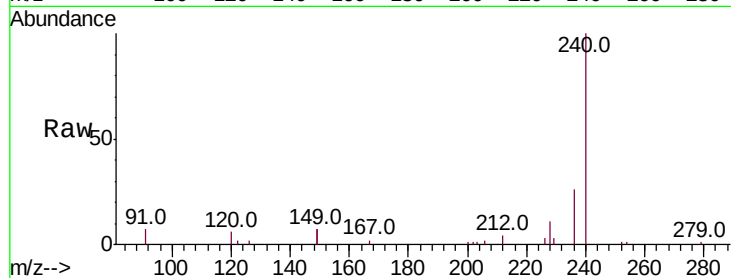




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

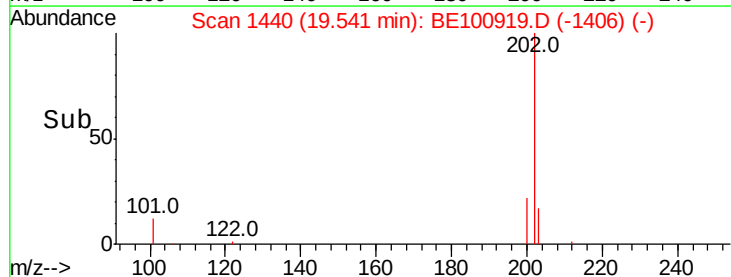
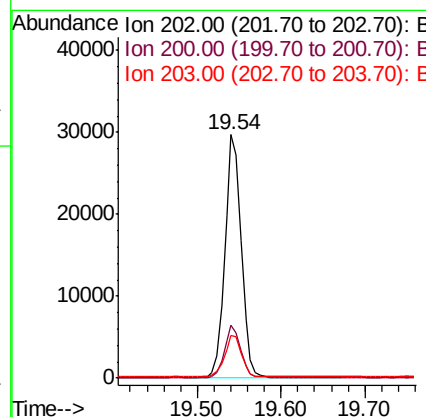
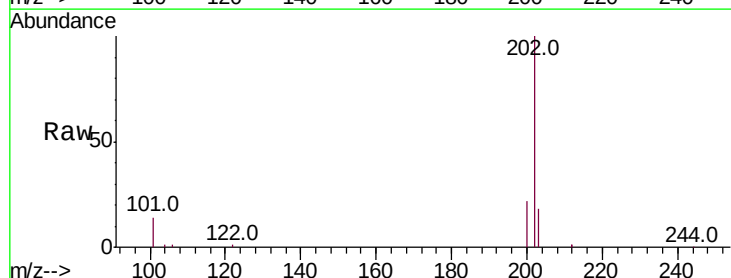
Instrument :
BNA_E
ClientSampleId :

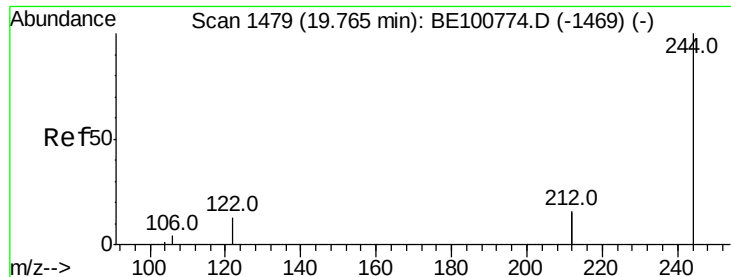
Tot Ion:240 Resp: 28253
Ion Ratio Lower Upper
240 100
120 5.5 4.0 6.0
236 26.5 21.6 32.4



#28
Pyrene
Concen: 0.435 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE100919.D
Acq: 16 Dec 2019 14:28

Tgt Ion:202 Resp: 39938
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.0 13.8 20.8





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampled :

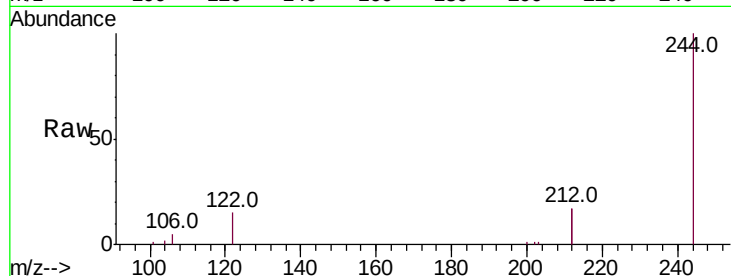
Tot Ion:244 Resp: 25577

Ion Ratio Lower Upper

244 100

212 33.5 25.2 37.8

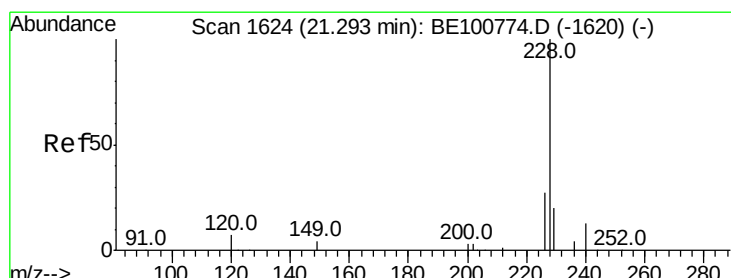
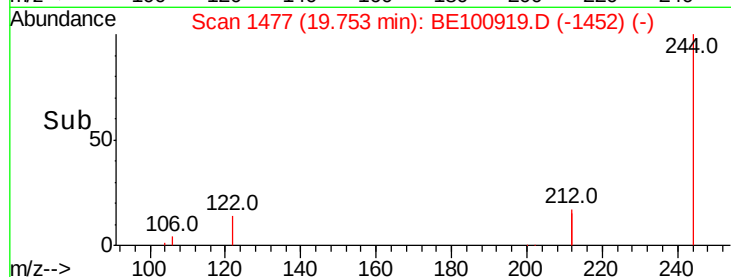
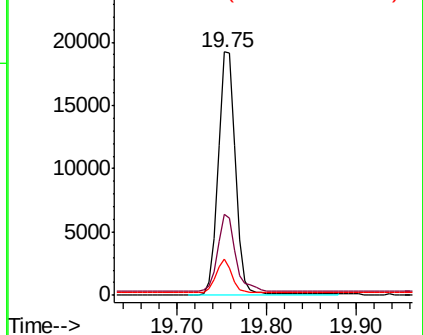
122 14.7 8.9 13.3#



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: 0.430 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

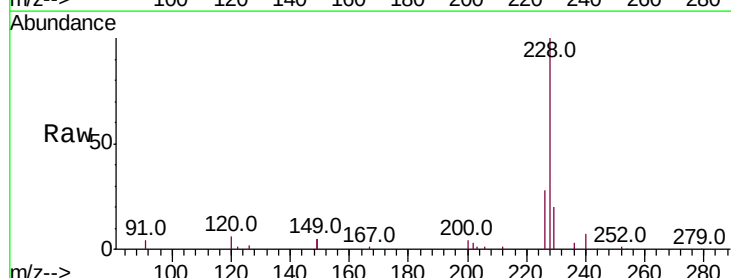
Tgt Ion:228 Resp: 35813

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.0

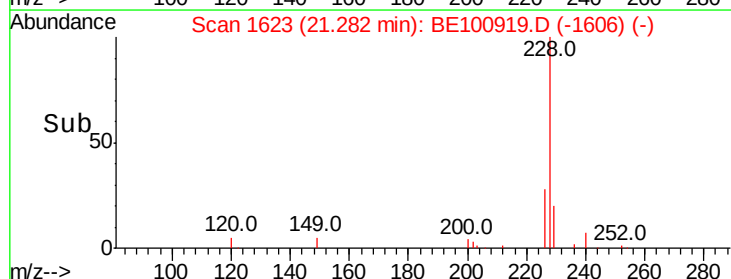
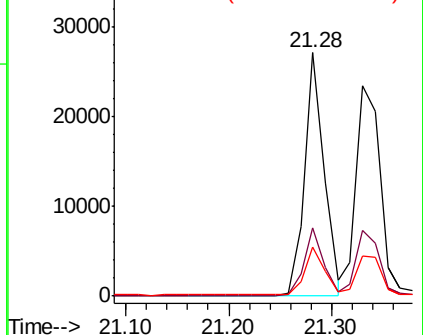
229 20.0 15.8 23.6

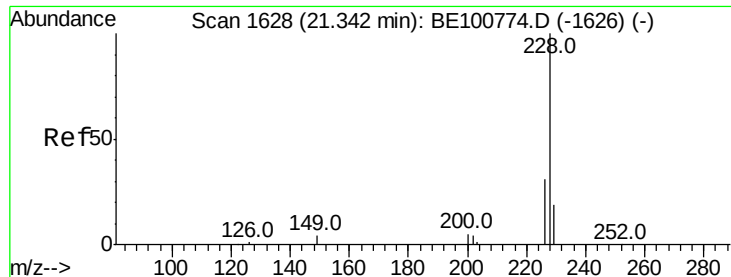


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.378 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

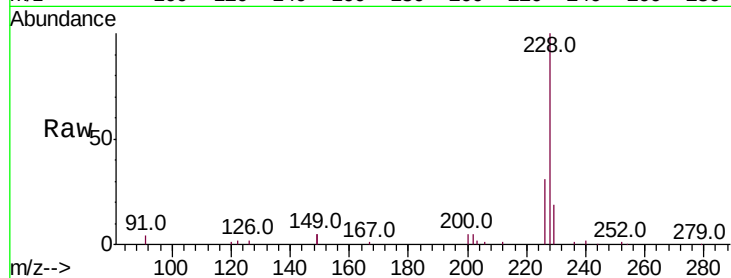
Tot Ion:228 Resp: 37001

Ion Ratio Lower Upper

228 100

226 31.4 25.3 37.9

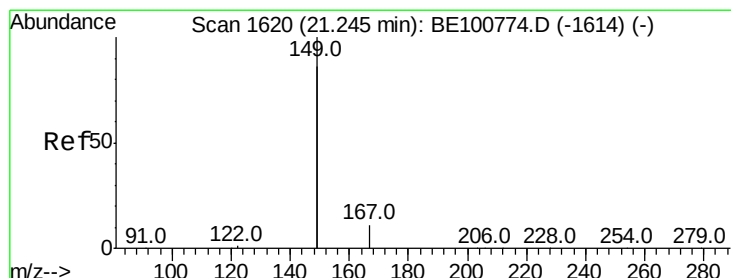
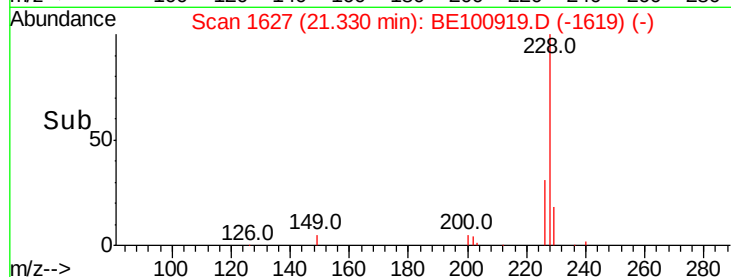
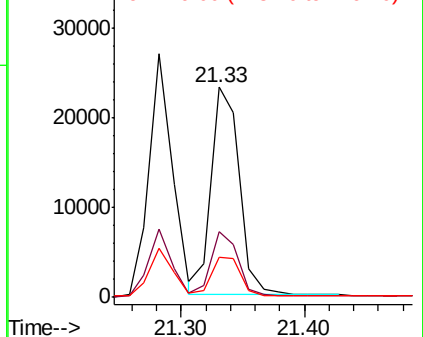
229 19.0 15.2 22.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.096 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

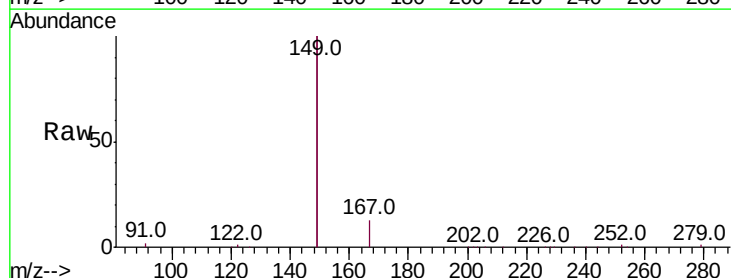
Tgt Ion:149 Resp: 173896

Ion Ratio Lower Upper

149 100

167 6.7 5.0 7.4

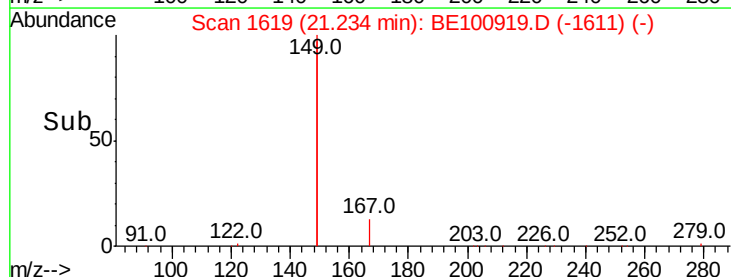
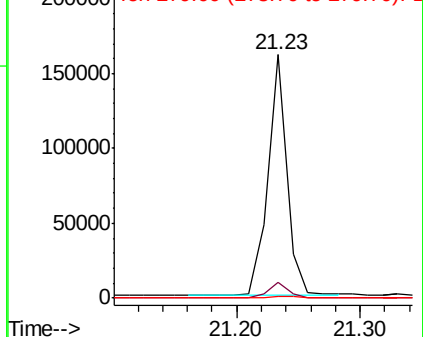
279 0.8 0.6 1.0

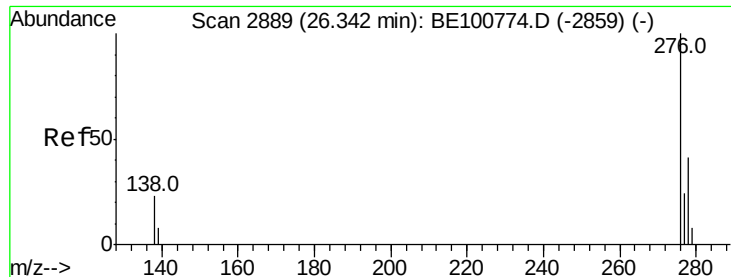


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

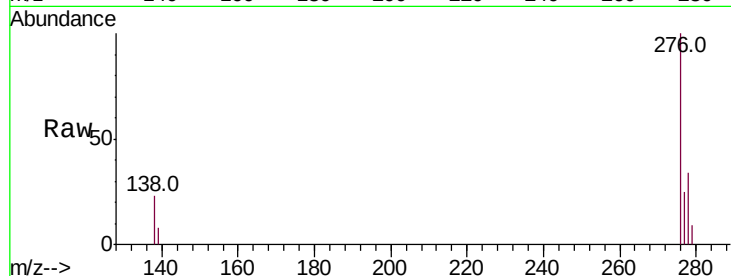




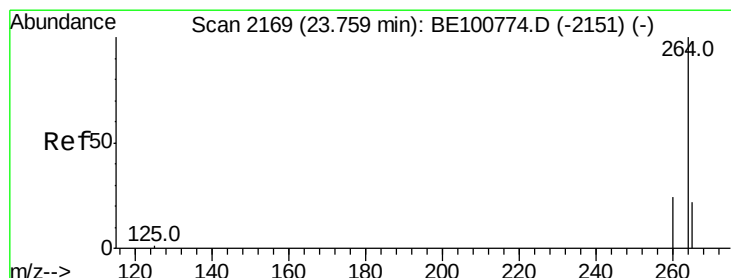
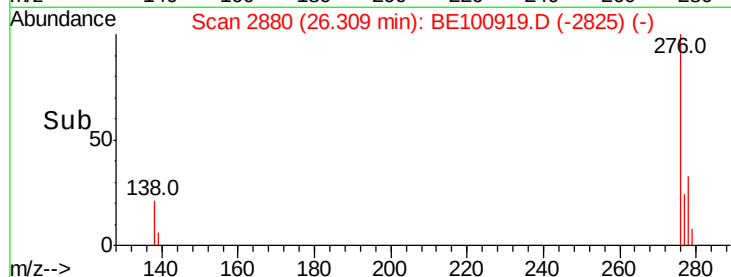
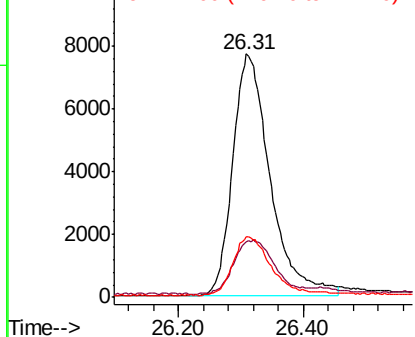
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.376 ng
 RT: 26.31 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BE100919.D
 Acq: 16 Dec 2019 14:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 32085
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.4 27.6
 277 24.2 19.4 29.2

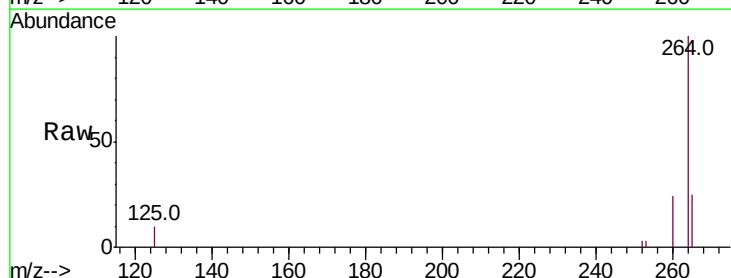


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

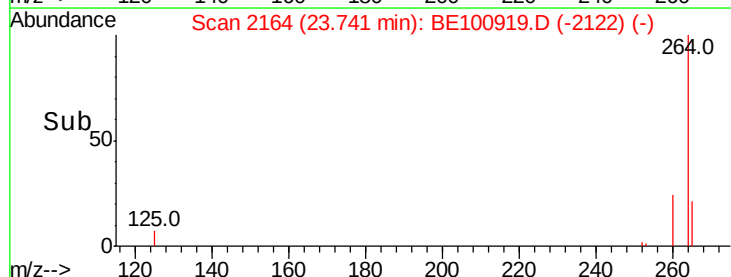
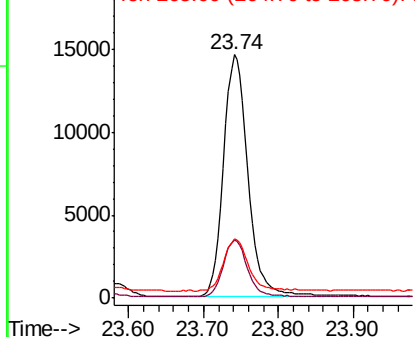


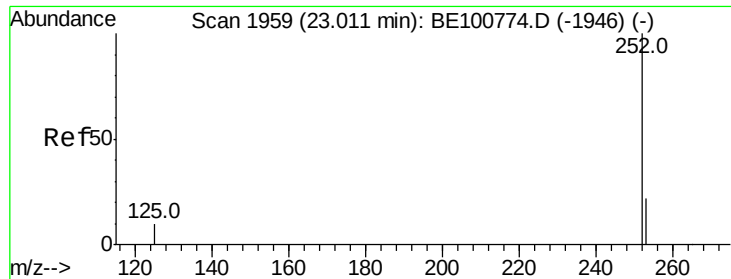
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BE100919.D
 Acq: 16 Dec 2019 14:28

Tgt Ion:264 Resp: 33141
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 24.5 20.1 30.1



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: 0.350 ng

RT: 23.00 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

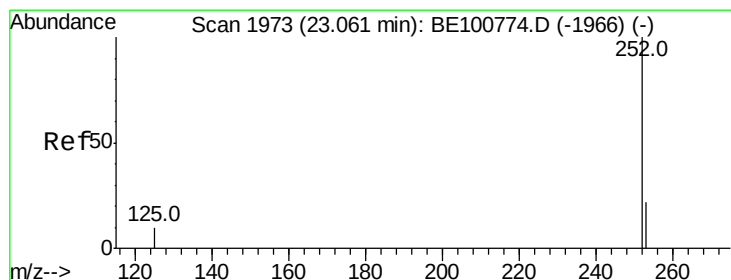
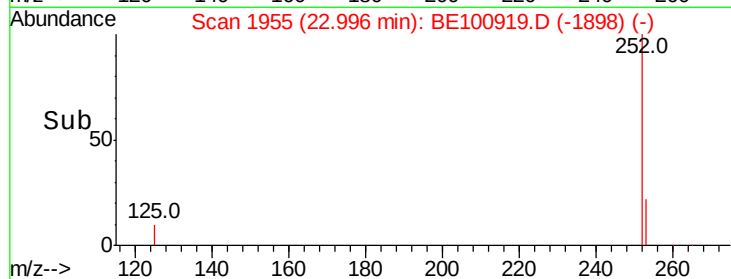
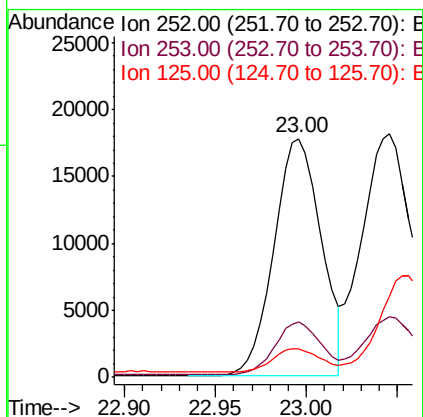
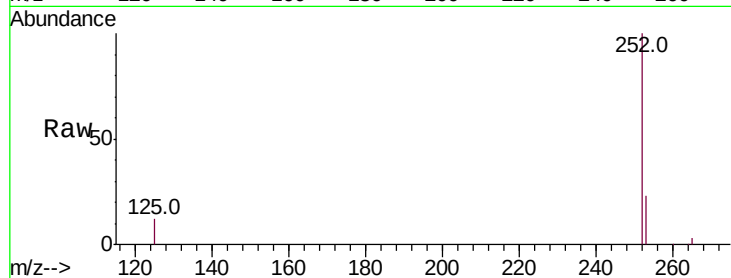
Tot Ion:252 Resp: 31740

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 12.0 8.3 12.5



#36

Benzo(k)fluoranthene

Concen: 0.312 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.05 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

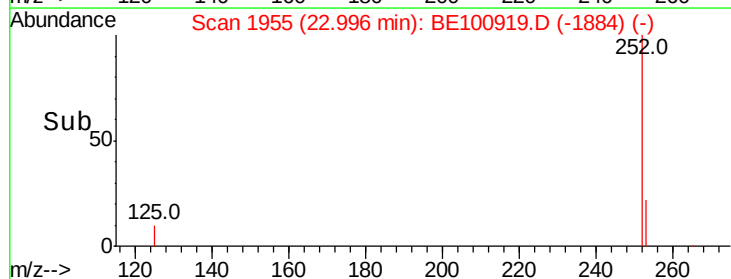
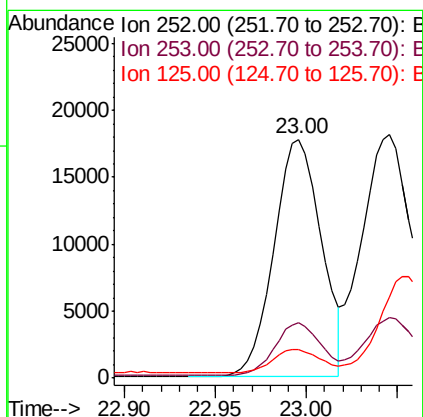
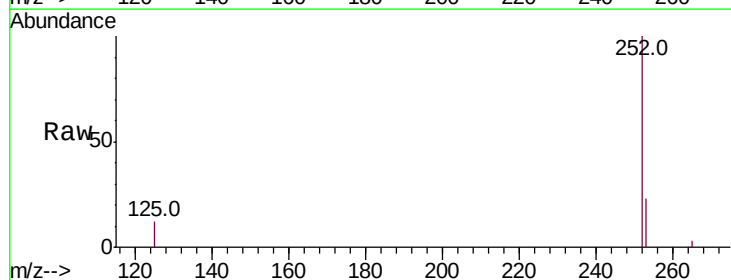
Tgt Ion:252 Resp: 31740

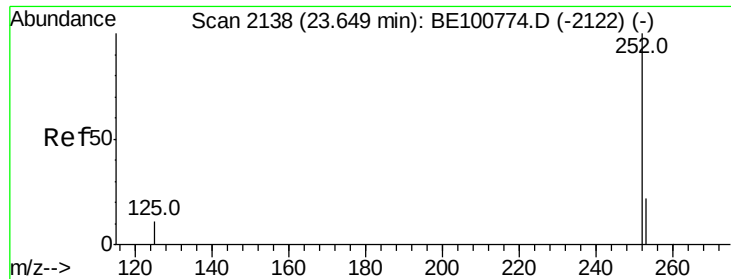
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 12.0 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

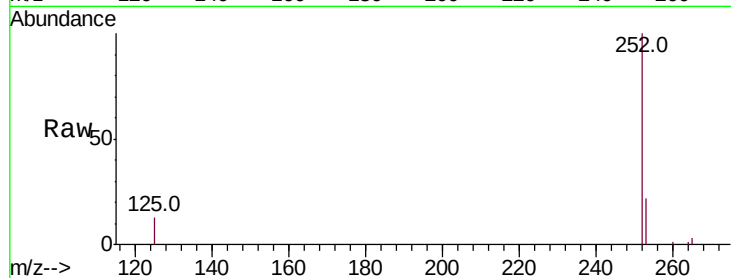
Tot Ion:252 Resp: 29927

Ion Ratio Lower Upper

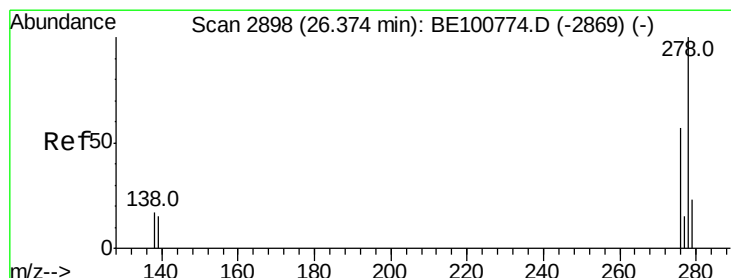
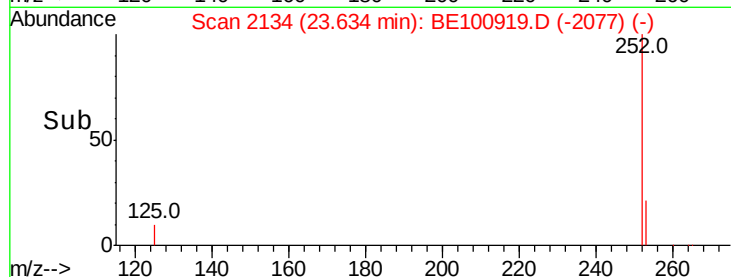
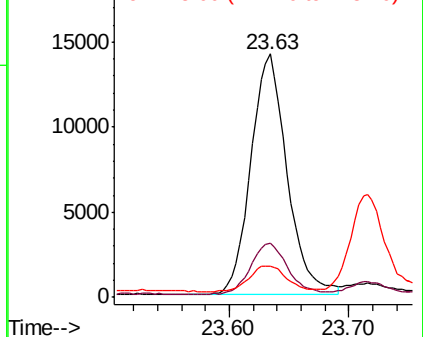
252 100

253 22.4 17.8 26.8

125 13.0 9.9 14.9



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



#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

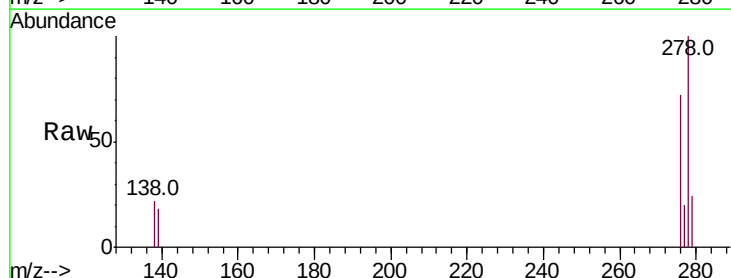
Tgt Ion:278 Resp: 26805

Ion Ratio Lower Upper

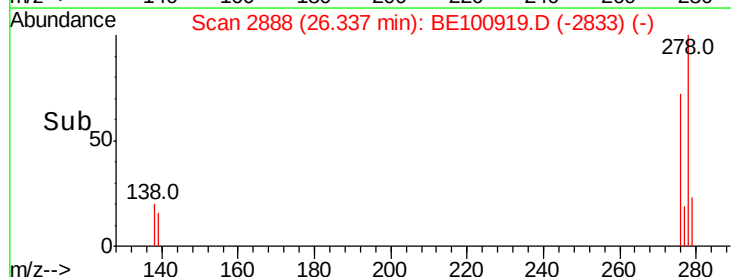
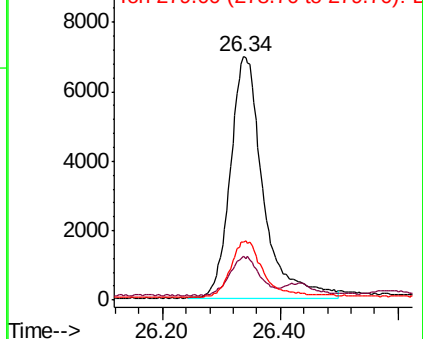
278 100

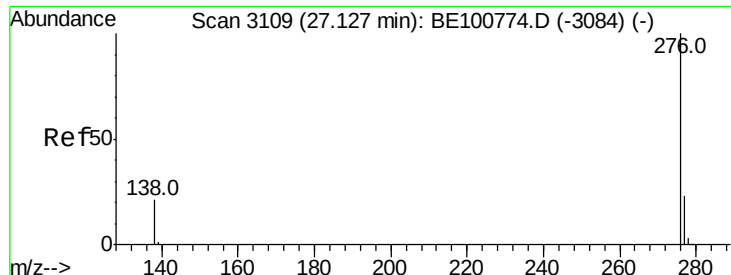
139 18.0 13.8 20.6

279 23.7 19.8 29.6



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: 0.337 ng

RT: 27.10 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BE100919.D

Acq: 16 Dec 2019 14:28

Instrument :

BNA_E

ClientSampleId :

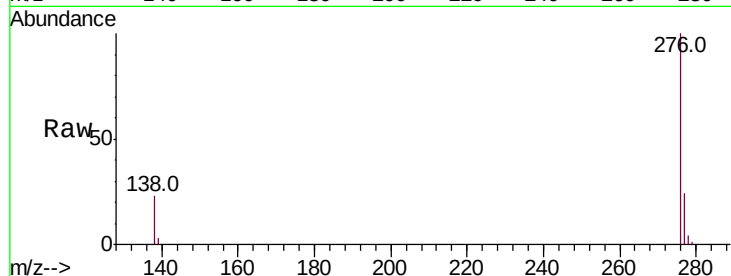
Tot Ion:276 Resp: 28141

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 22.7 18.0 27.0



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

