

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100958.D
 Acq On : 19 Dec 2019 22:42
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 01:19:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 01:12:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2248	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11590	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7309	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	16698	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16427	0.40	ng	0.00
34) Perylene-d12	23.73	264	21493	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	1405	0.35	ng	0.00
5) Phenol-d6	6.96	99	1410	0.34	ng	0.00
8) Nitrobenzene-d5	8.90	82	2162	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7554	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	680	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10529	0.41	ng	0.00
25) Fluoranthene-d10	19.14	212	83688	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	14778	0.39	ng	0.00

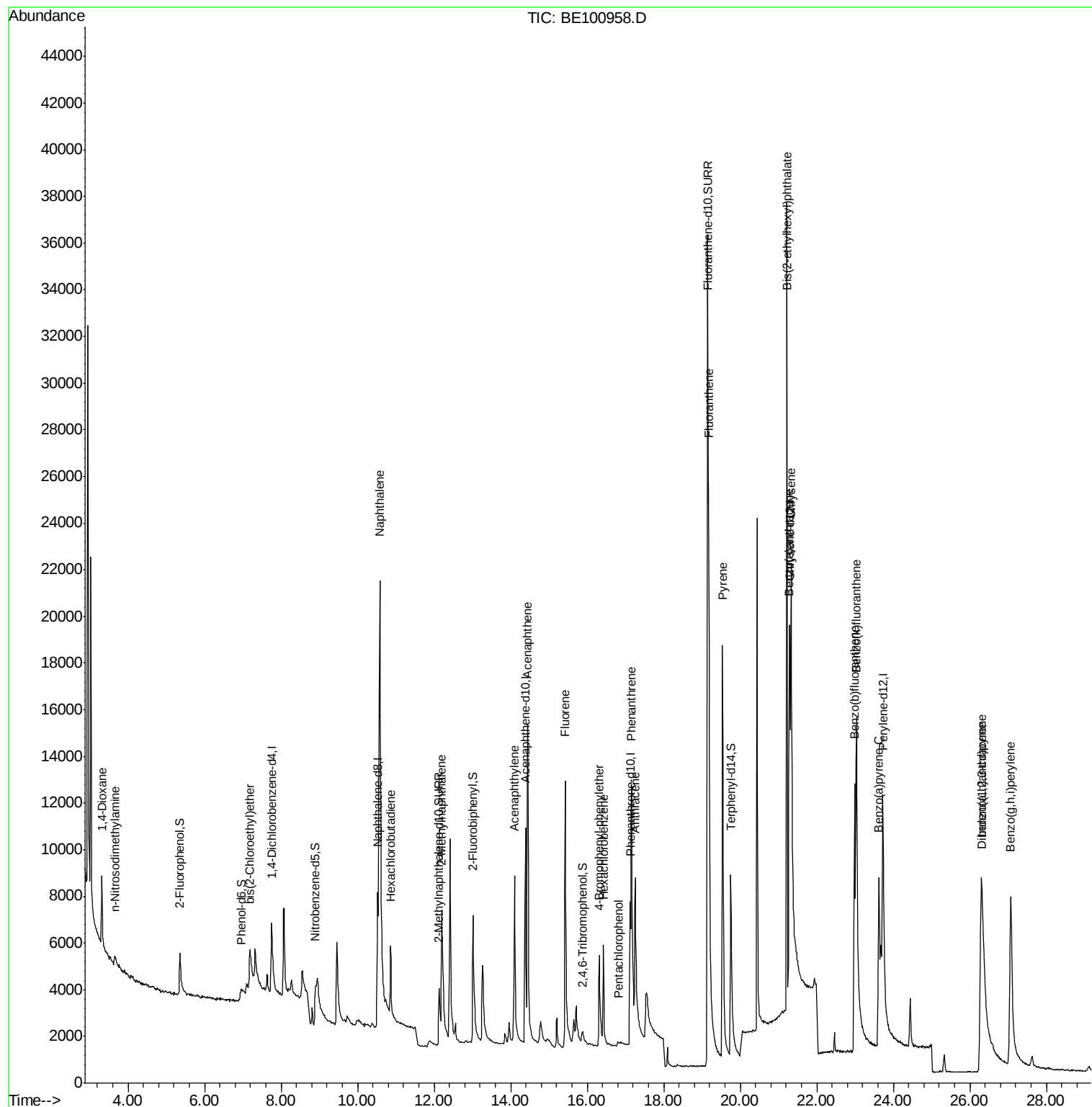
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	3478	0.509	ng	97
3) n-Nitrosodimethylamine	3.65	42	552	0.378	ng	# 37
6) bis(2-Chloroethyl)ether	7.18	93	2162	0.449	ng	# 97
9) Naphthalene	10.57	128	52840	0.422	ng	100
10) Hexachlorobutadiene	10.86	225	2276	0.425	ng	98
12) 2-Methylnaphthalene	12.19	142	7210	0.409	ng	98
16) Acenaphthylene	14.10	152	11981	0.398	ng	99
17) Acenaphthene	14.44	154	8598	0.420	ng	100
18) Fluorene	15.42	166	10529	0.406	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2836	0.382	ng	96
21) Hexachlorobenzene	16.43	284	3514	0.415	ng	97
22) Pentachlorophenol	16.83	266	283	0.367	ng	85
23) Phenanthrene	17.16	178	17559	0.403	ng	99
24) Anthracene	17.26	178	11405	0.408	ng	99
26) Fluoranthene	19.17	202	24374	0.403	ng	99
28) Pyrene	19.54	202	25708	0.438	ng	99
30) Benzo(a)anthracene	21.28	228	16711	0.388	ng	98
31) Chrysene	21.33	228	21899	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	43488	0.321	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	25272	0.445	ng	# 70
35) Benzo(b)fluoranthene	22.98	252	18097	0.380	ng	100
36) Benzo(k)fluoranthene	23.03	252	32737	0.515	ng	99
37) Benzo(a)pyrene	23.62	252	22676	0.418	ng	99
38) Dibenzo(a,h)anthracene	26.33	278	18143	0.397	ng	98
39) Benzo(g,h,i)perylene	27.07	276	24169	0.428	ng	98

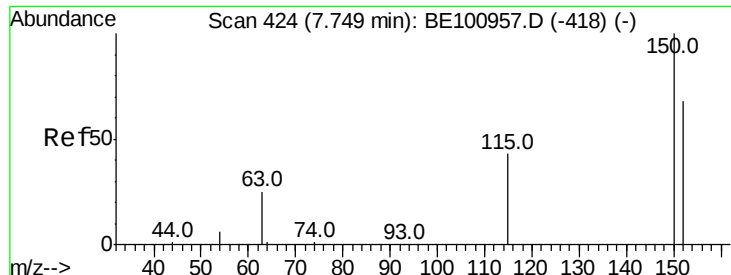
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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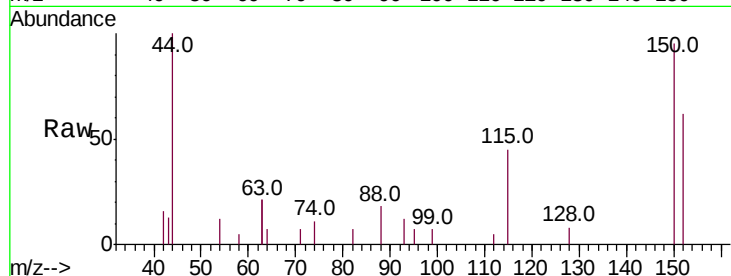


#1

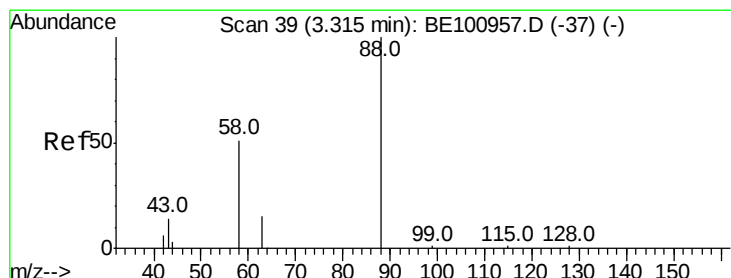
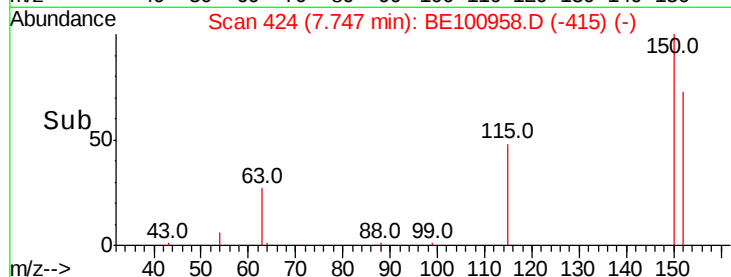
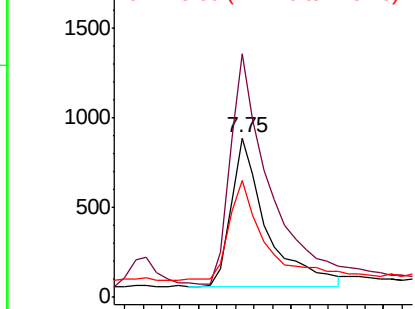
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2248
Ion Ratio Lower Upper
152 100
150 152.5 116.7 175.1
115 72.8 55.7 83.5



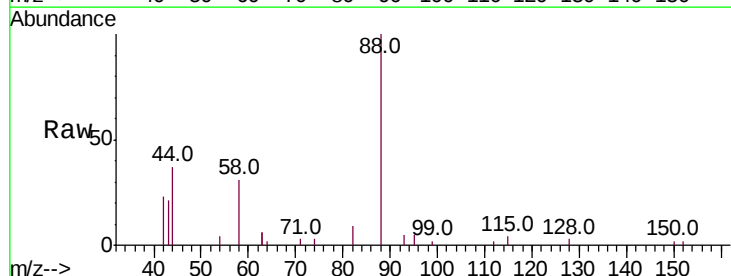
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



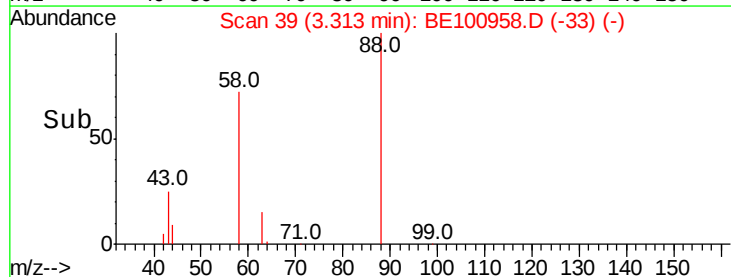
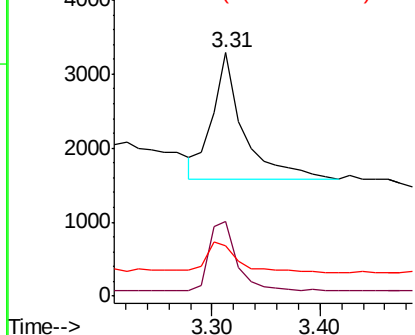
#2

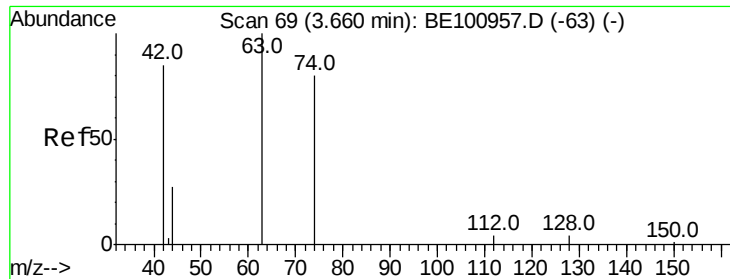
1,4-Dioxane
Concen: 0.509 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion: 88 Resp: 3478
Ion Ratio Lower Upper
88 100
58 49.5 38.6 57.8
43 23.2 20.5 30.7



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: 0.378 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

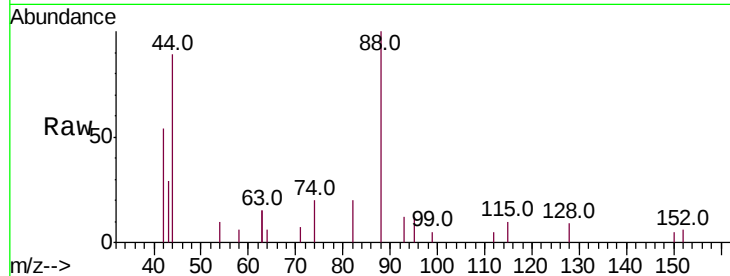
Tot Ion: 42 Resp: 552

Ion Ratio Lower Upper

42 100

74 159.4 77.8 116.6#

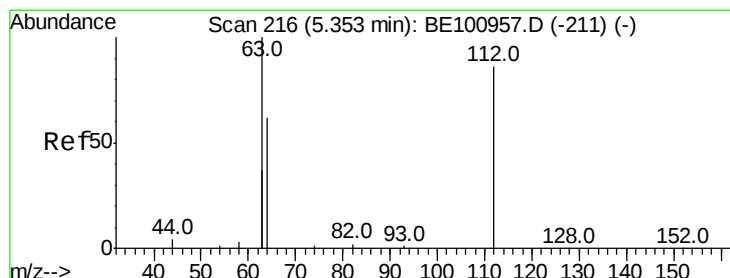
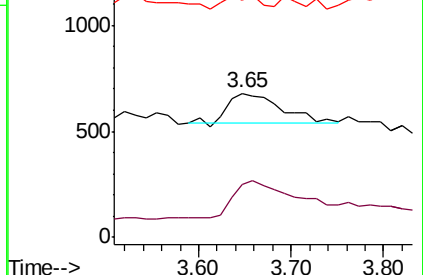
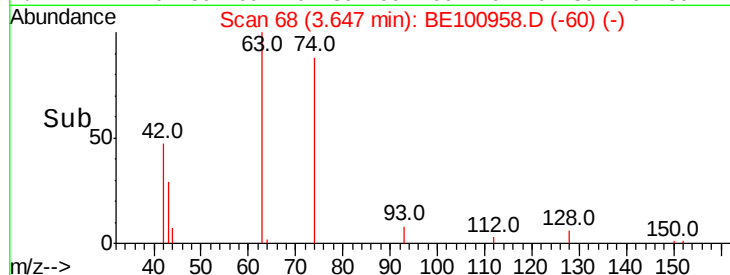
44 26.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.350 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

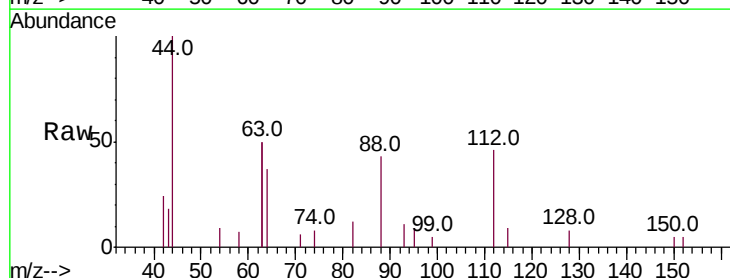
Tgt Ion: 112 Resp: 1405

Ion Ratio Lower Upper

112 100

64 72.0 58.6 88.0

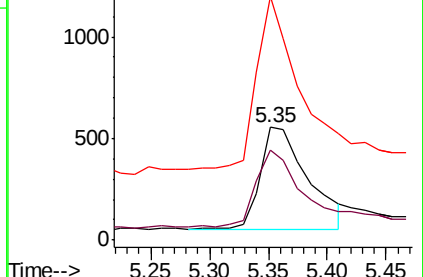
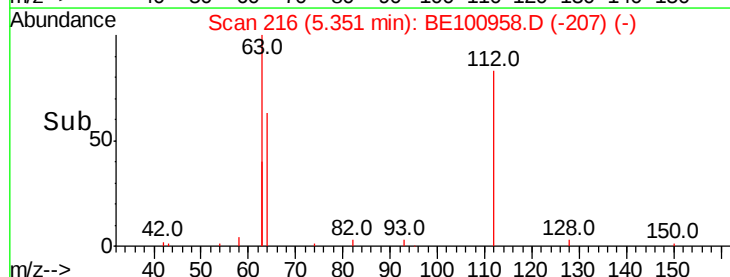
63 153.0 121.0 181.6

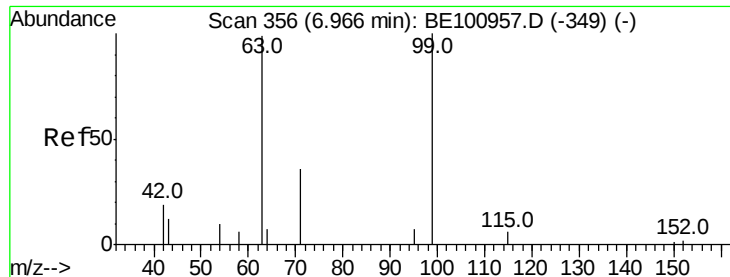


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.337 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100958.D

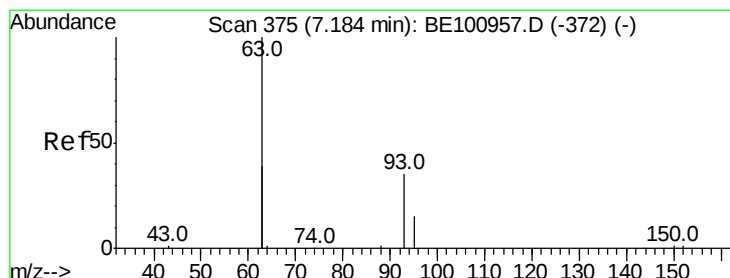
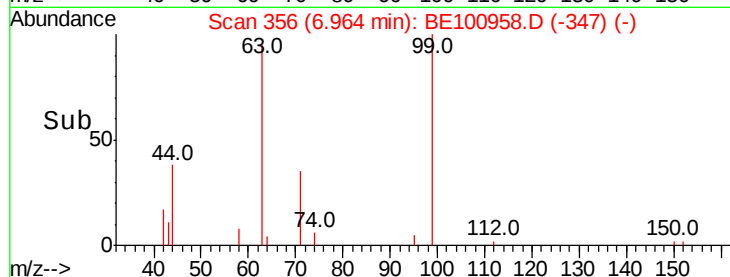
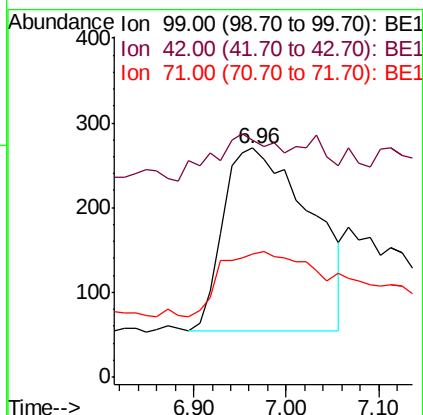
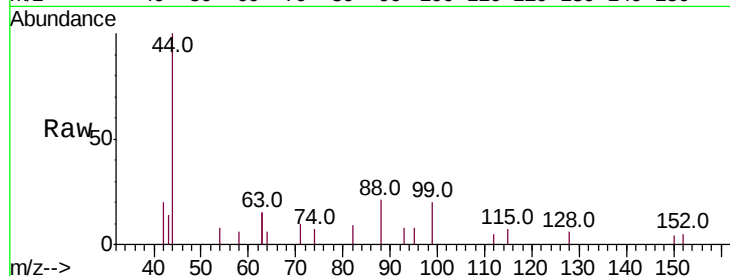
Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	99	Resp:	1410
Ion	Ratio	Lower	Upper
99	100		
42	17.9	10.2	15.2#
71	0.0	0.0	0.0



#6

bis(2-Chloroethyl)ether

Concen: 0.449 ng

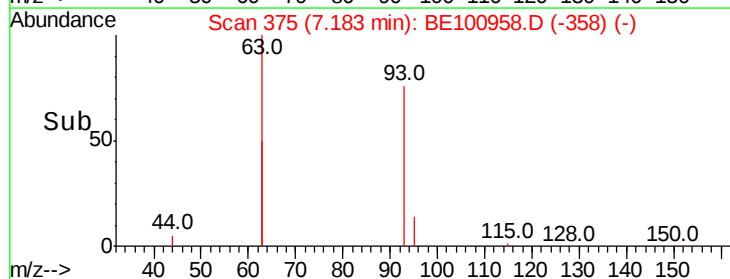
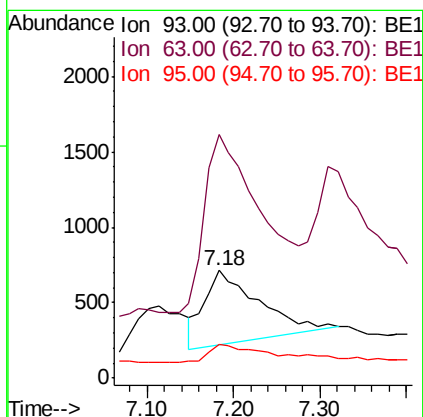
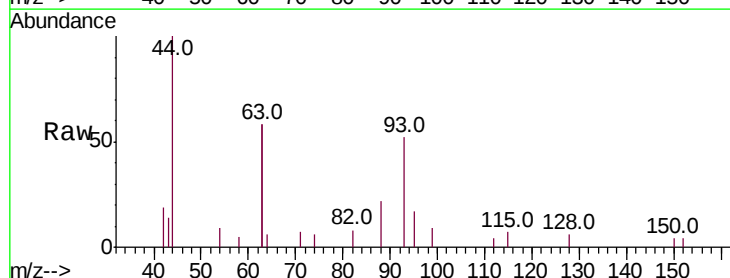
RT: 7.18 min Scan# 375

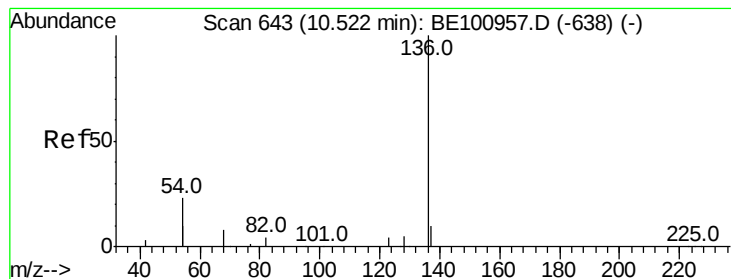
Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Tgt Ion:	93	Resp:	2162
Ion	Ratio	Lower	Upper
93	100		
63	259.8	209.4	314.2
95	25.0	28.6	42.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11590

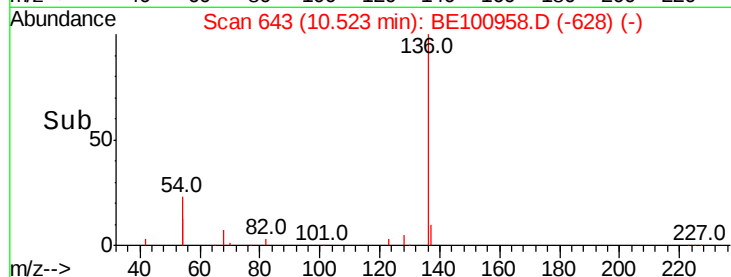
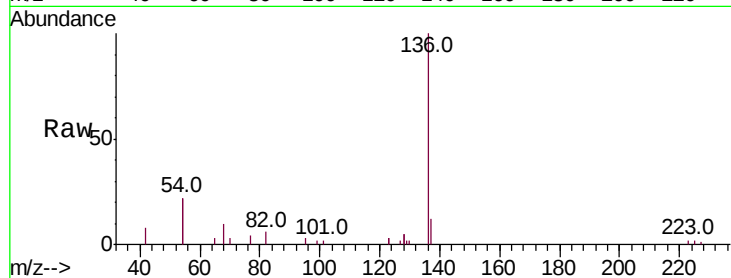
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 44.9 36.2 54.4

68 9.7 8.4 12.6

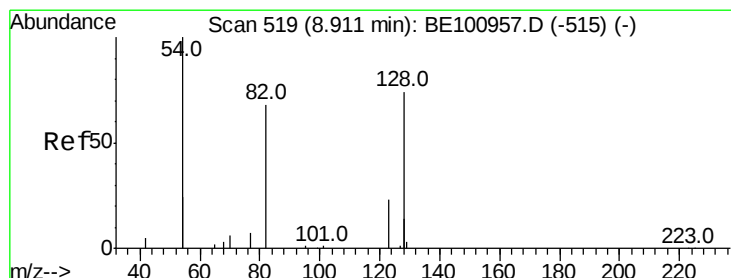
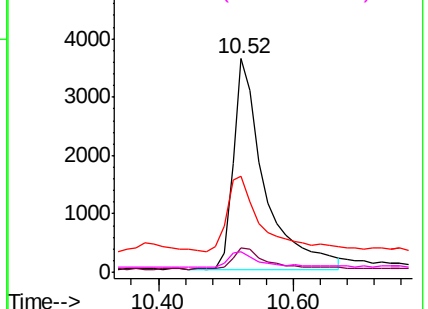


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

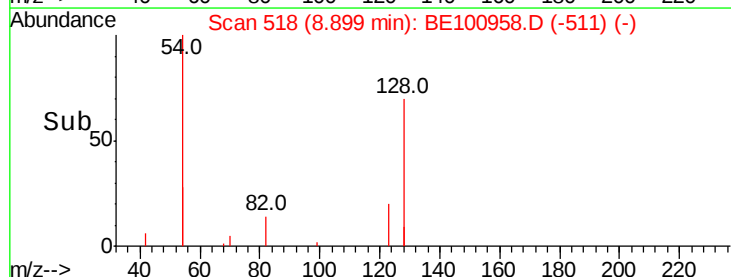
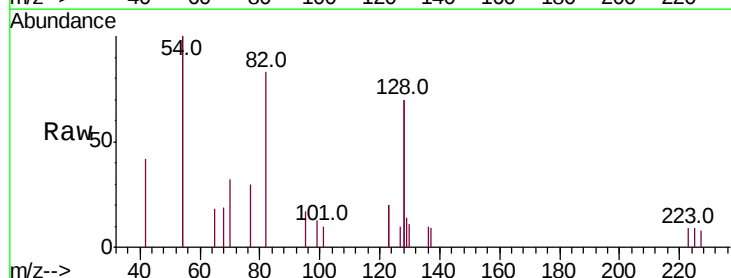
Tgt Ion: 82 Resp: 2162

Ion Ratio Lower Upper

82 100

128 168.7 135.0 202.6

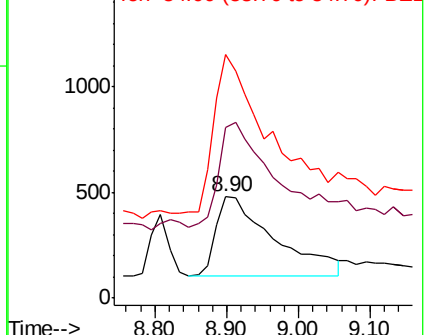
54 240.5 182.6 274.0

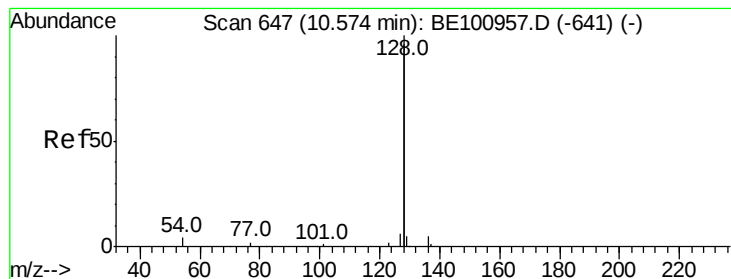


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.422 ng

RT: 10.57 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

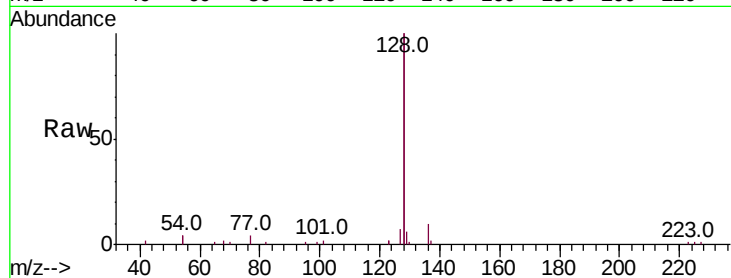
Tot Ion:128 Resp: 52840

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

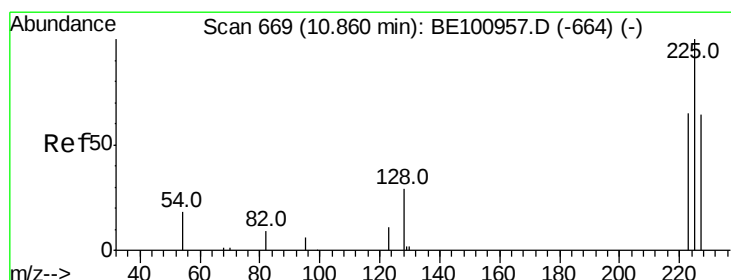
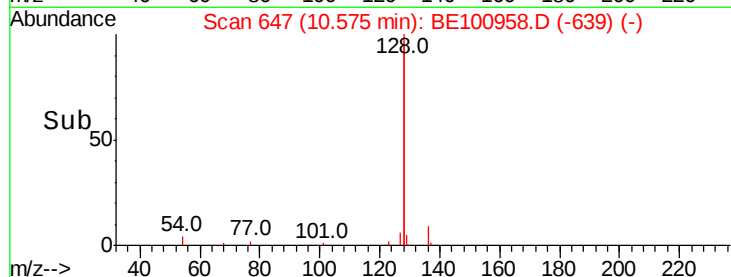
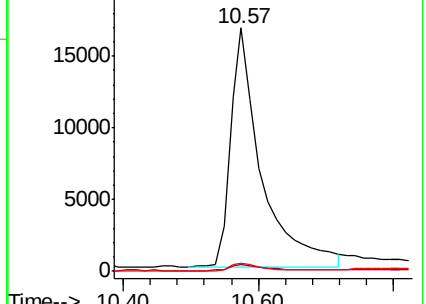
127 3.5 2.7 4.1



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: 0.425 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

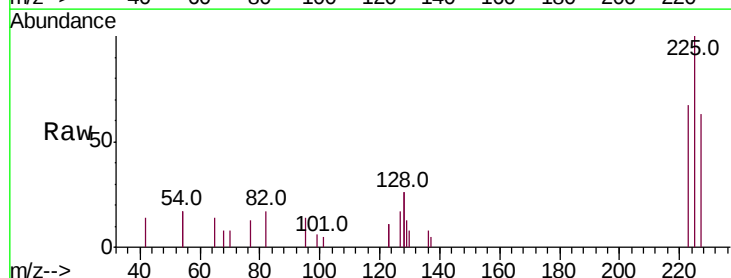
Tgt Ion:225 Resp: 2276

Ion Ratio Lower Upper

225 100

223 64.9 49.4 74.2

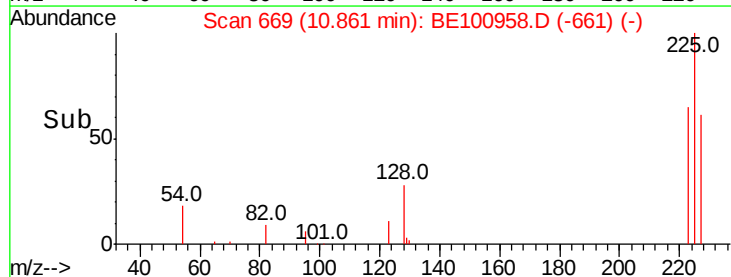
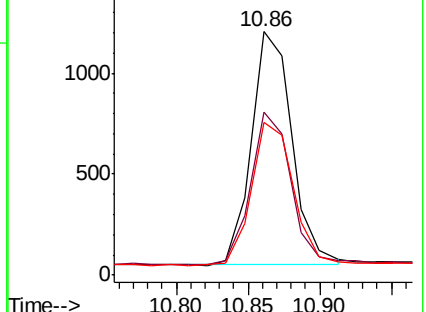
227 63.6 50.3 75.5

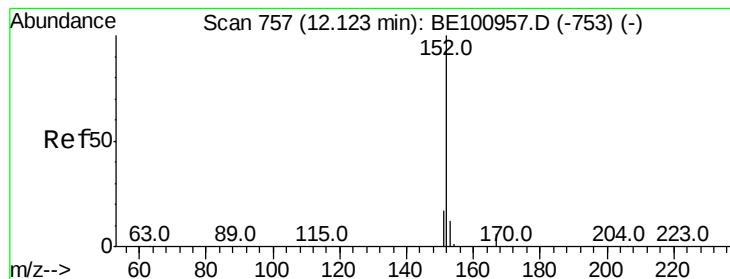


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

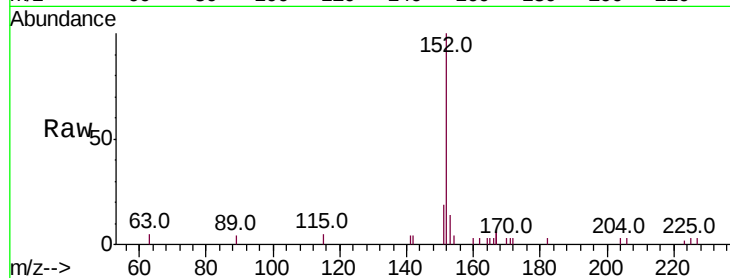
ClientSampleId :

Tot Ion:152 Resp: 7554

Ion Ratio Lower Upper

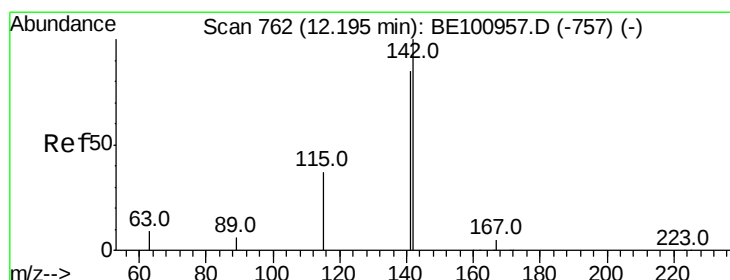
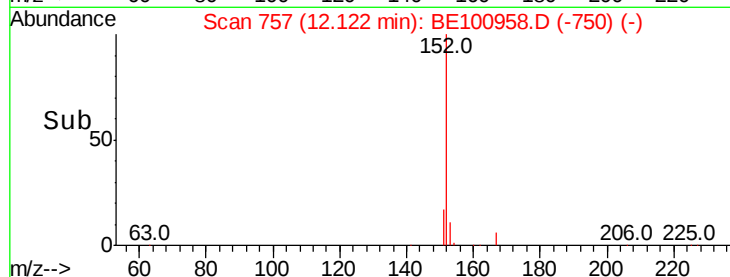
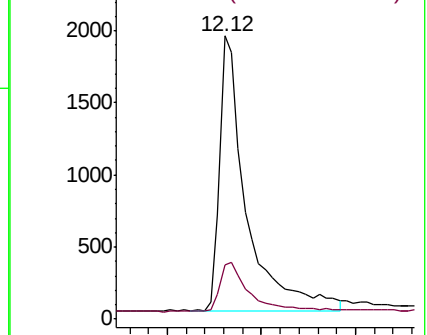
152 100

151 19.2 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

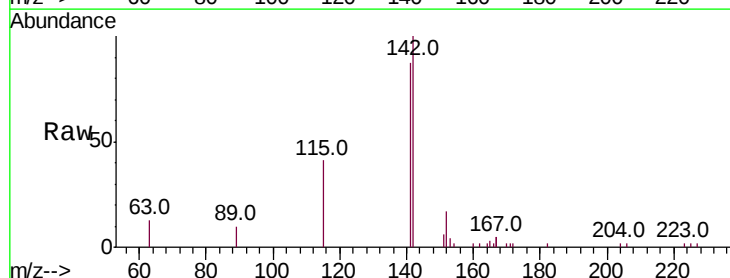
Tgt Ion:142 Resp: 7210

Ion Ratio Lower Upper

142 100

141 87.0 67.8 101.8

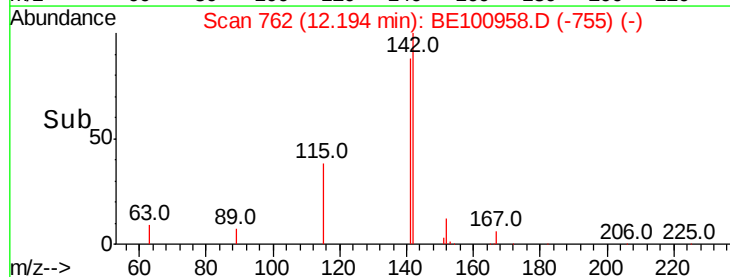
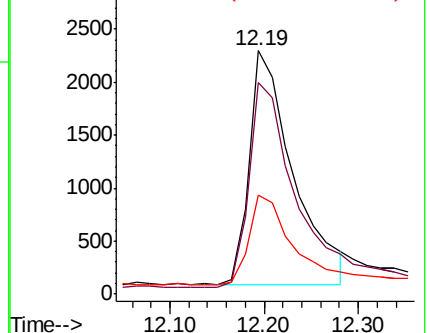
115 40.7 31.7 47.5

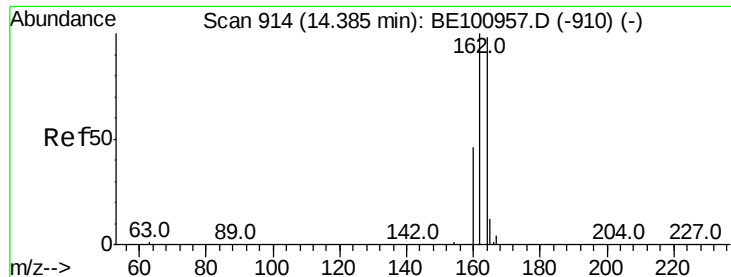


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

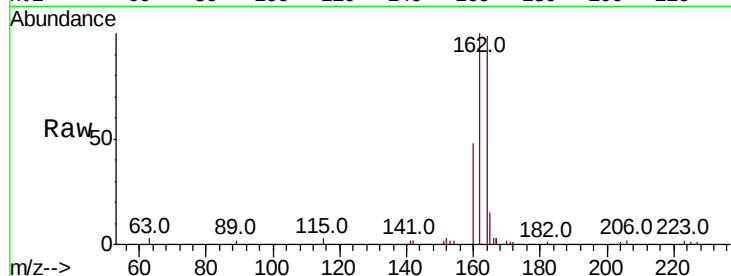
Tot Ion:164 Resp: 7309

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

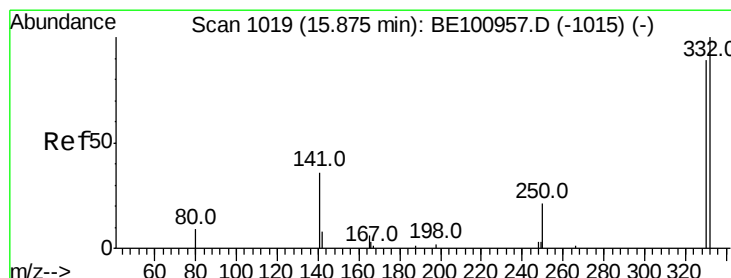
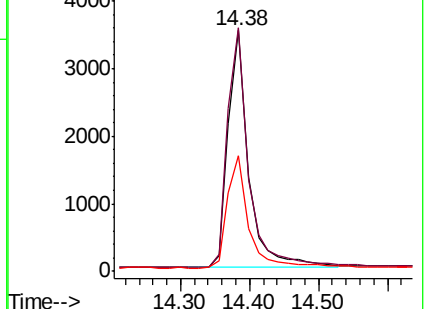
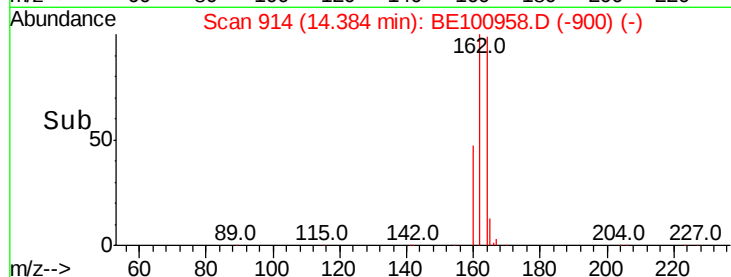
160 48.3 38.5 57.7



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: 0.401 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

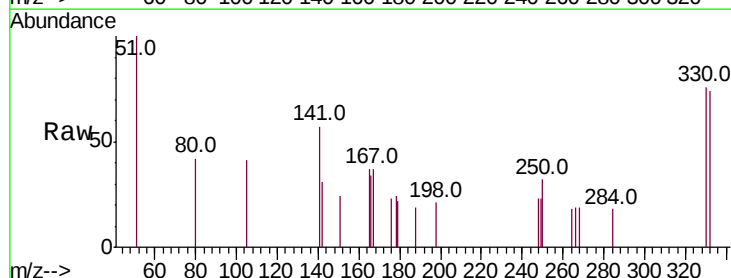
Tgt Ion:330 Resp: 680

Ion Ratio Lower Upper

330 100

332 90.9 84.2 126.2

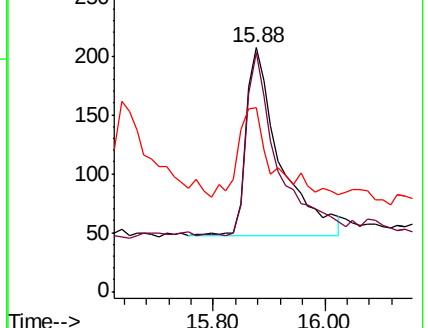
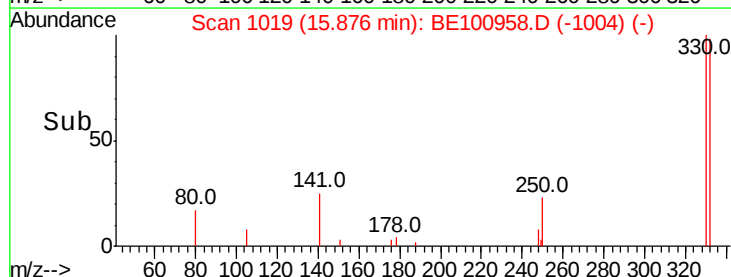
141 47.8 39.3 58.9

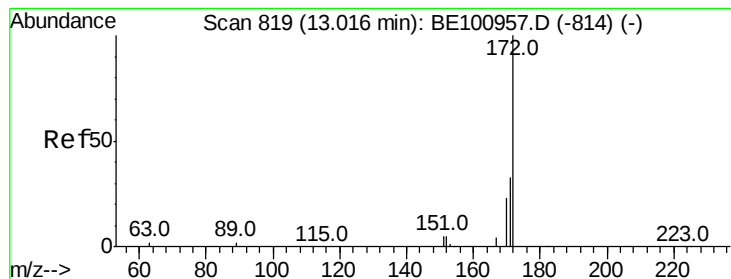


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

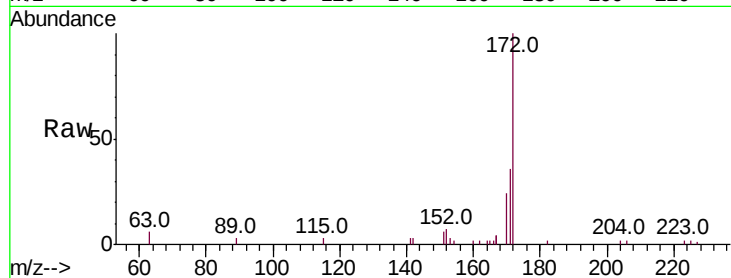
Tot Ion:172 Resp: 10529

Ion Ratio Lower Upper

172 100

171 35.8 27.5 41.3

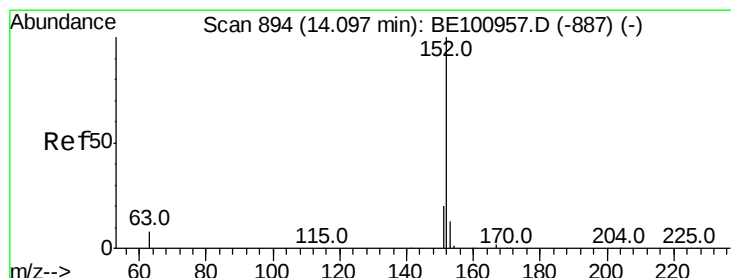
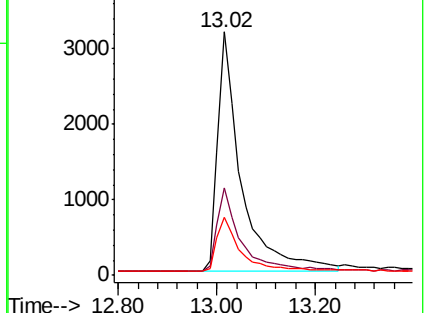
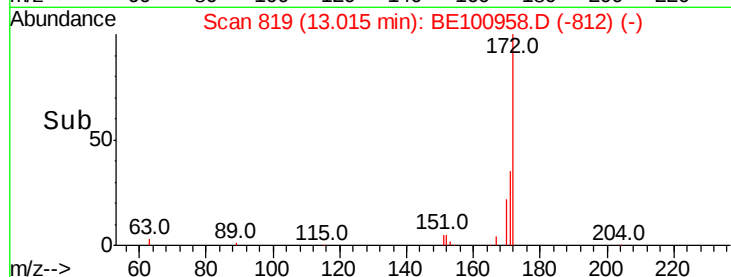
170 23.8 19.8 29.6



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: 0.398 ng

RT: 14.10 min Scan# 894

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

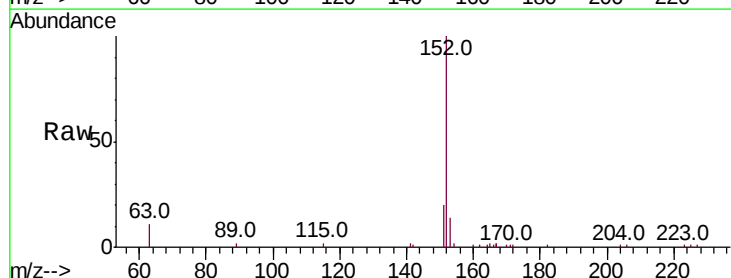
Tgt Ion:152 Resp: 11981

Ion Ratio Lower Upper

152 100

151 19.5 15.0 22.4

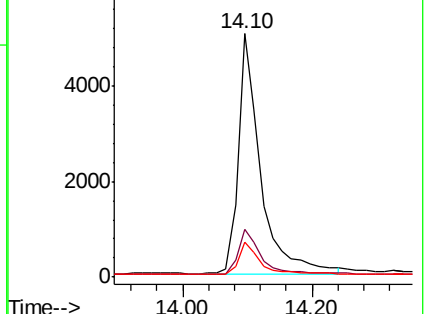
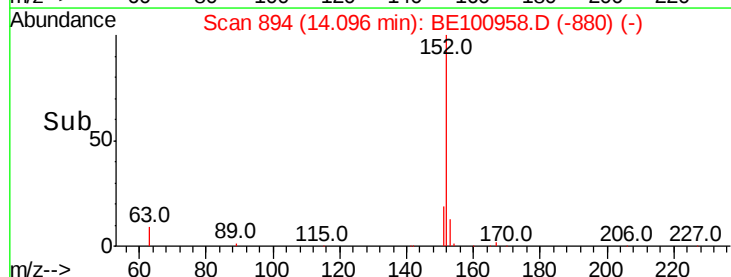
153 13.0 10.6 16.0

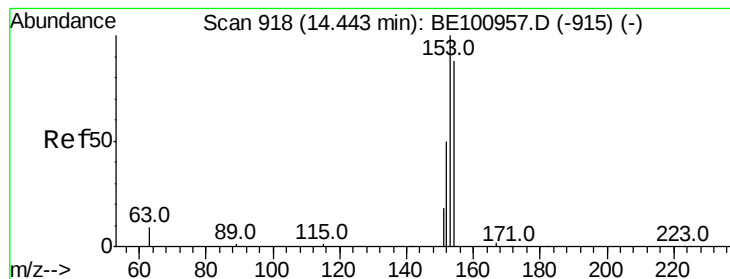


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

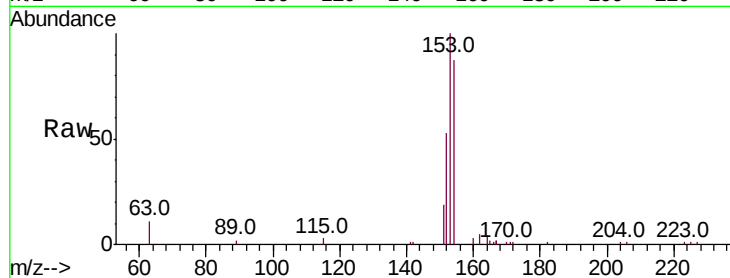
Tot Ion:154 Resp: 8598

Ion Ratio Lower Upper

154 100

153 115.4 92.3 138.5

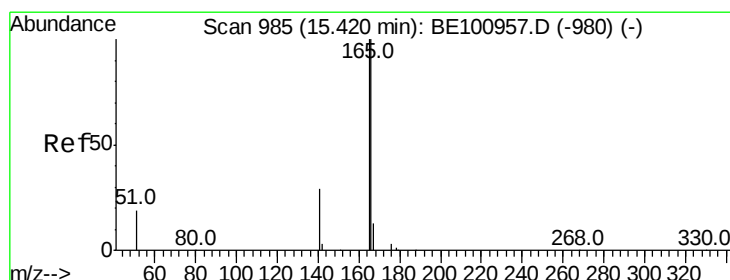
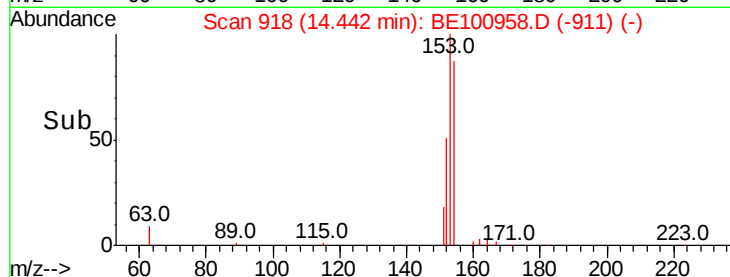
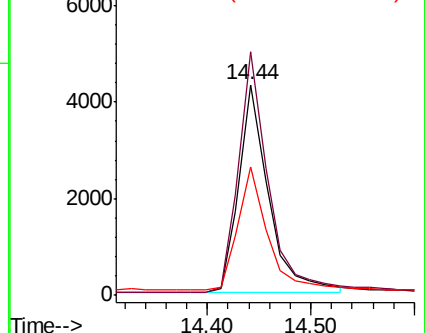
152 58.8 46.4 69.6



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: 0.406 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

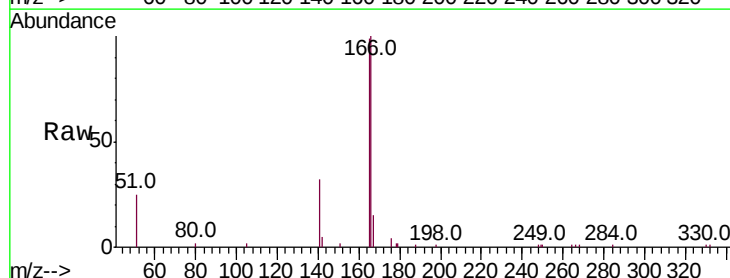
Tgt Ion:166 Resp: 10529

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

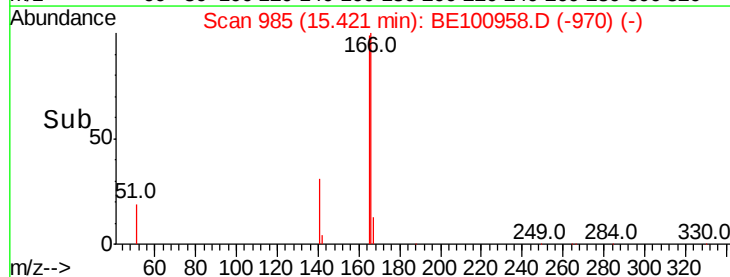
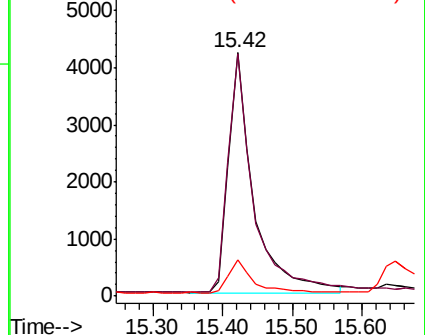
167 13.5 10.6 16.0

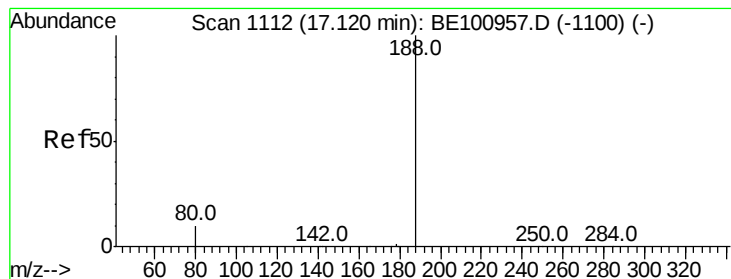


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

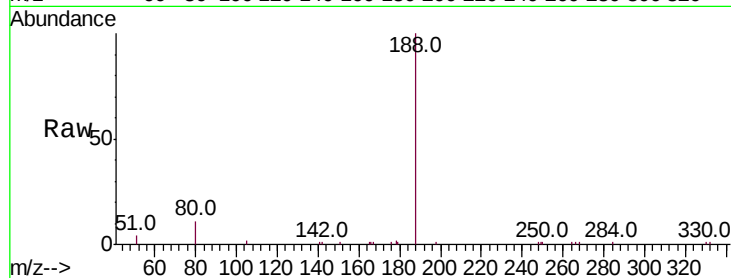
Tot Ion:188 Resp: 16698

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

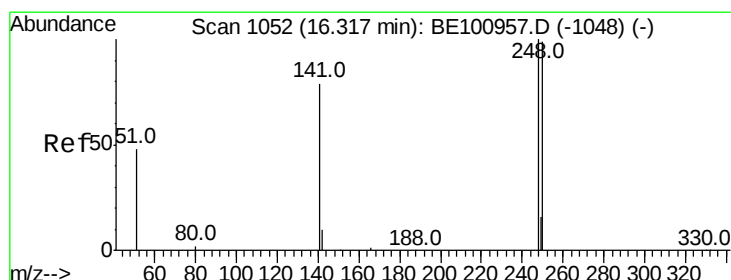
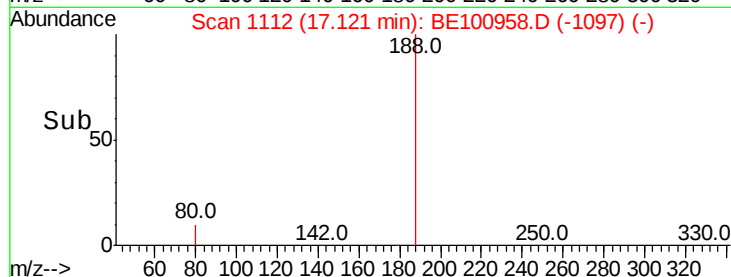
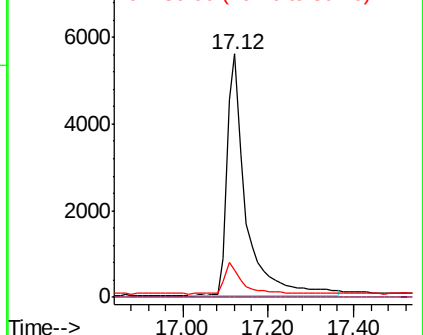
80 11.2 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

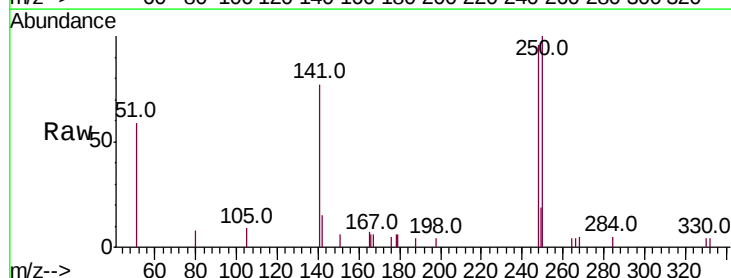
Tgt Ion:248 Resp: 2836

Ion Ratio Lower Upper

248 100

250 104.0 79.5 119.3

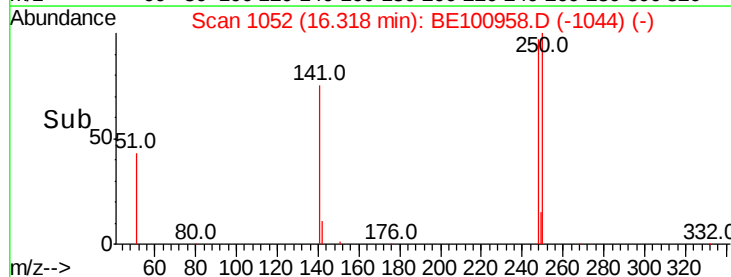
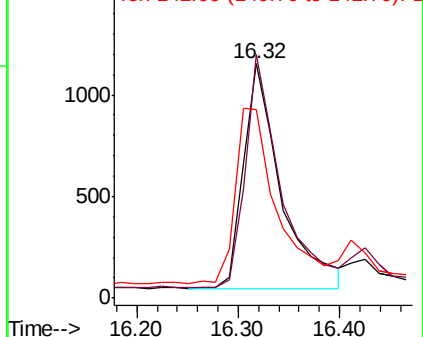
141 80.5 66.6 100.0

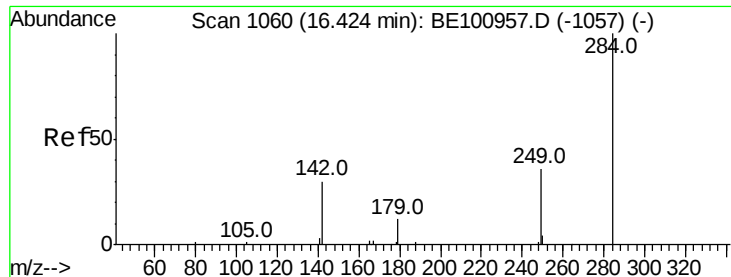


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

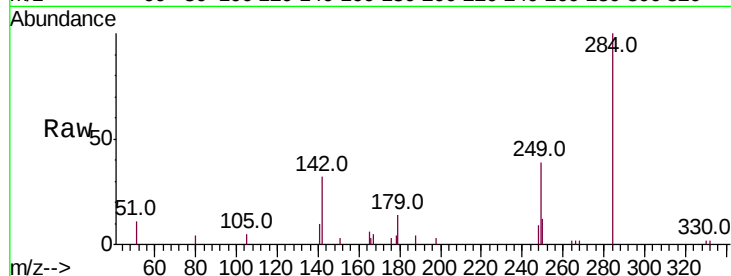
Tot Ion:284 Resp: 3514

Ion Ratio Lower Upper

284 100

142 44.1 33.8 50.6

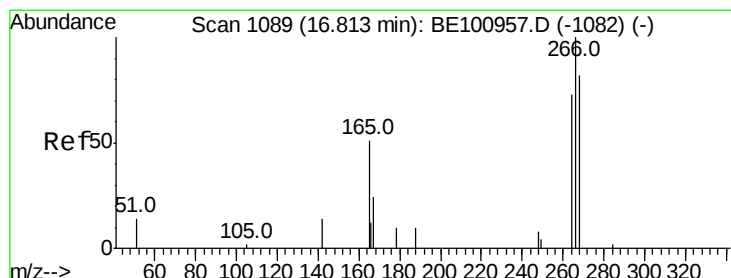
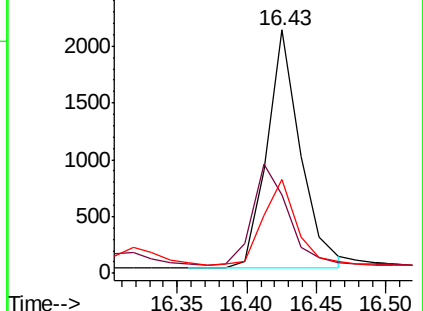
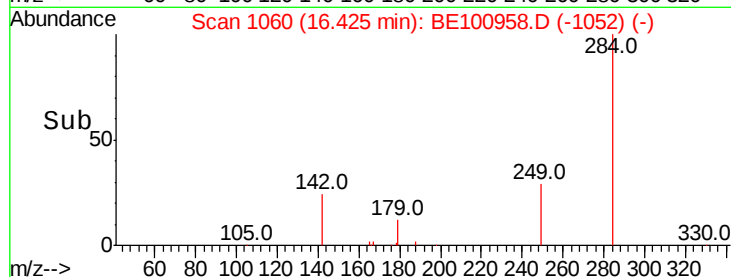
249 35.3 26.7 40.1



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: 0.367 ng

RT: 16.83 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

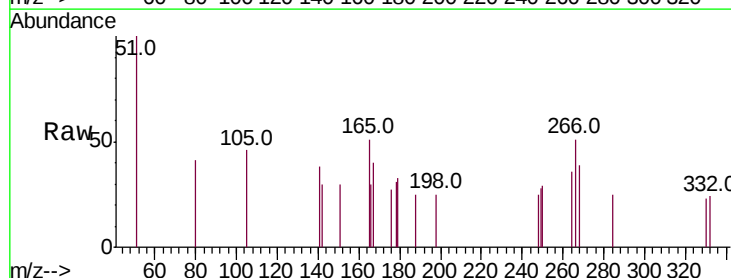
Tgt Ion:266 Resp: 283

Ion Ratio Lower Upper

266 100

264 69.8 64.5 96.7

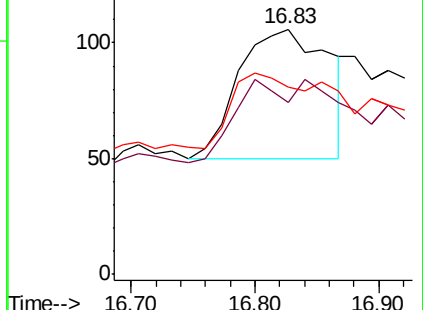
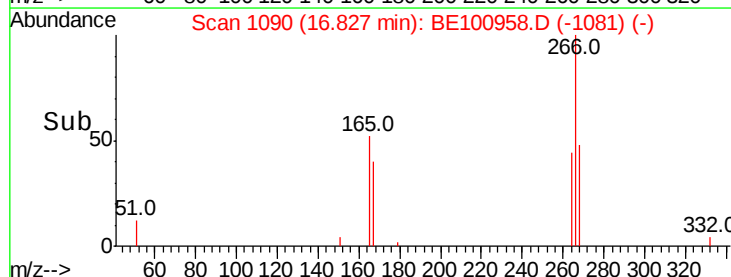
268 76.4 74.6 111.8

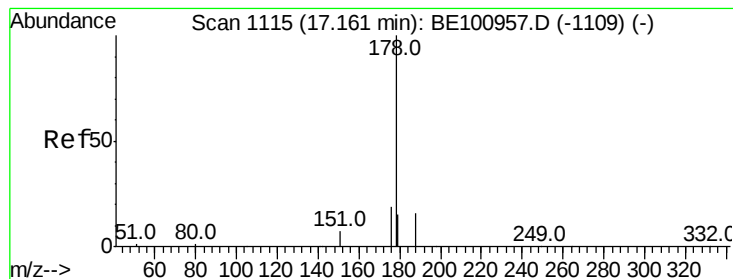


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

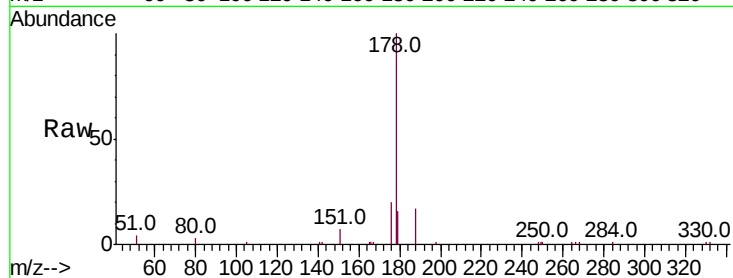
Tot Ion:178 Resp: 17559

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

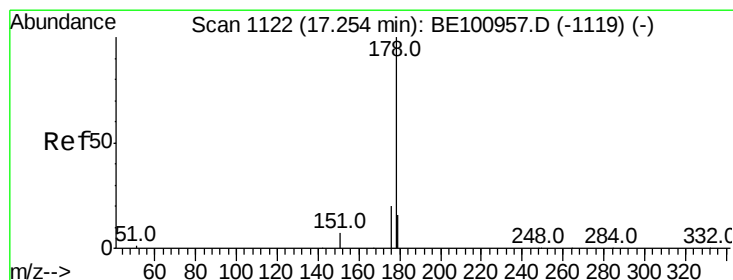
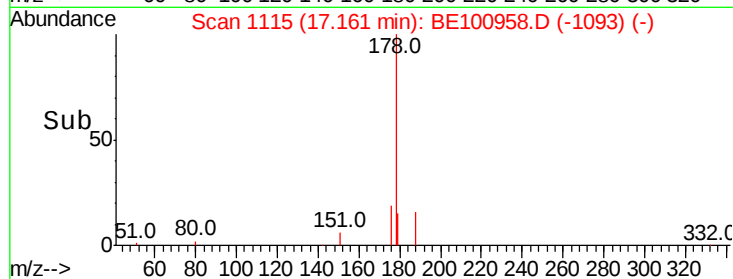
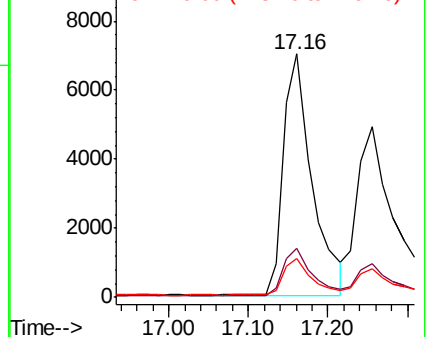
179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.408 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

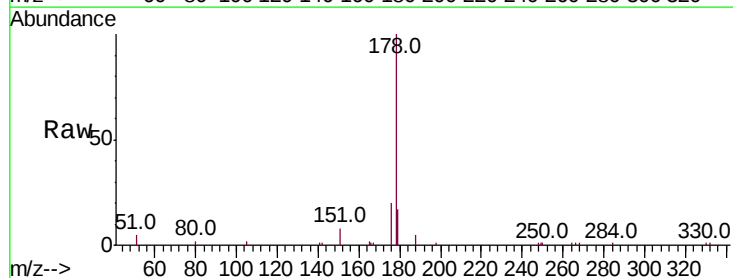
Tgt Ion:178 Resp: 11405

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

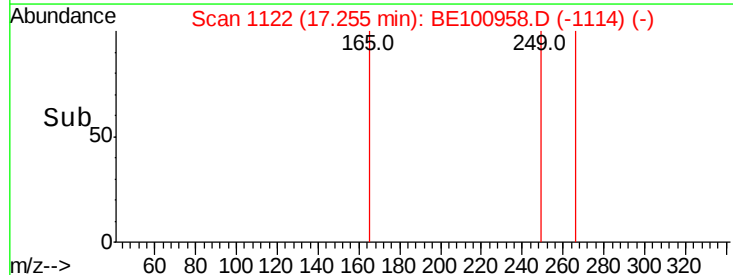
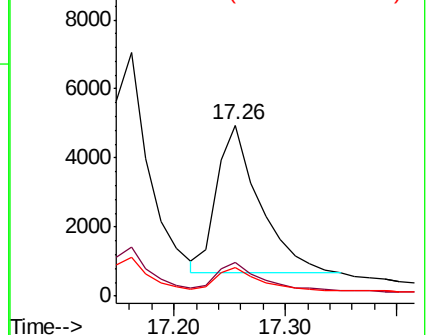
179 15.1 12.0 18.0

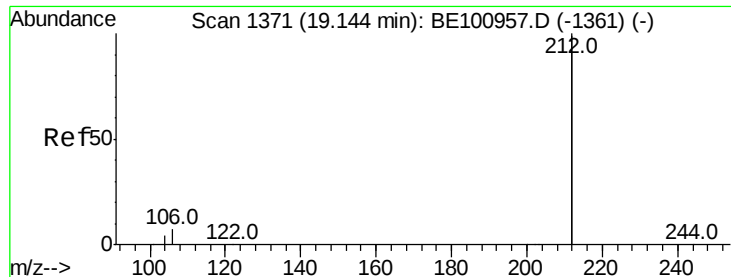


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

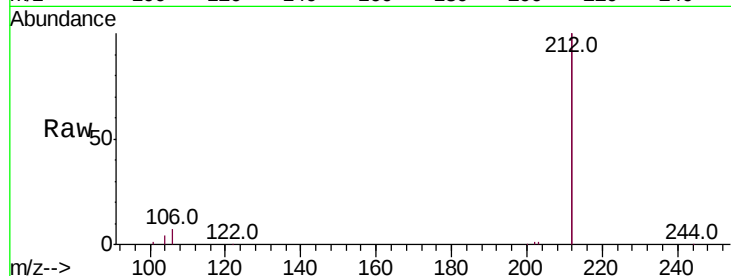
Tot Ion:212 Resp: 83688

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

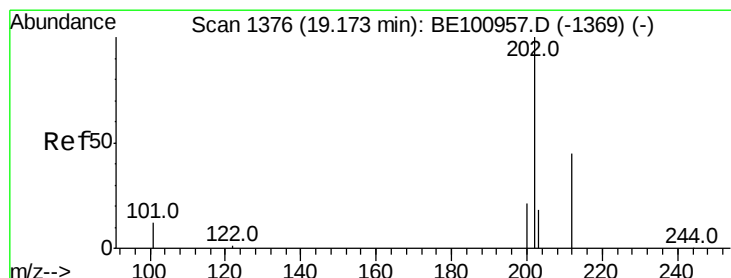
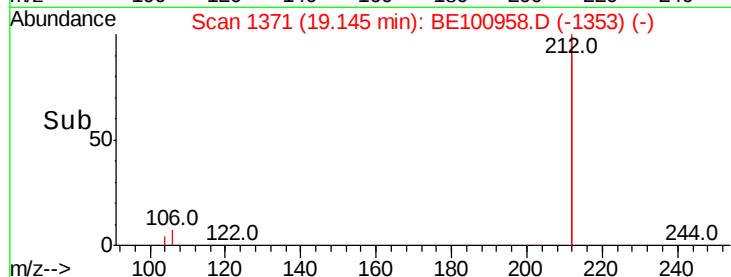
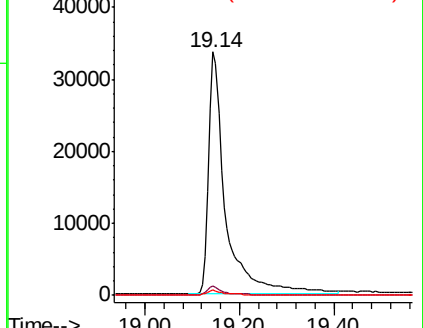
104 1.8 1.4 2.2



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: 0.403 ng

RT: 19.17 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

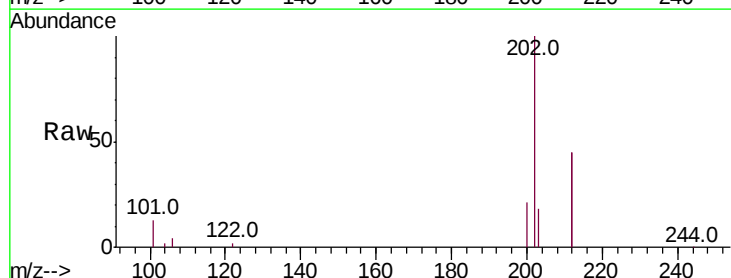
Tgt Ion:202 Resp: 24374

Ion Ratio Lower Upper

202 100

101 11.0 9.0 13.6

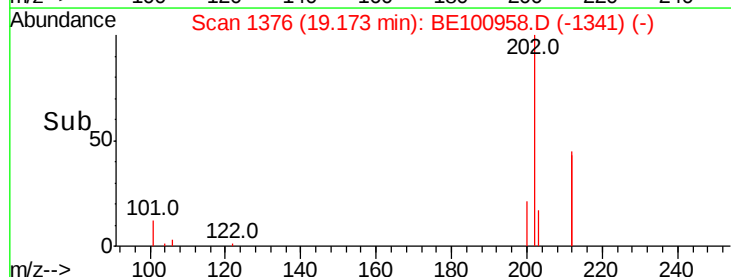
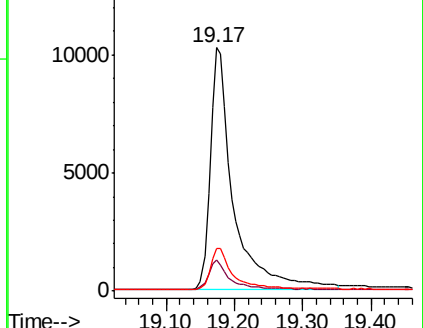
203 16.4 13.4 20.0

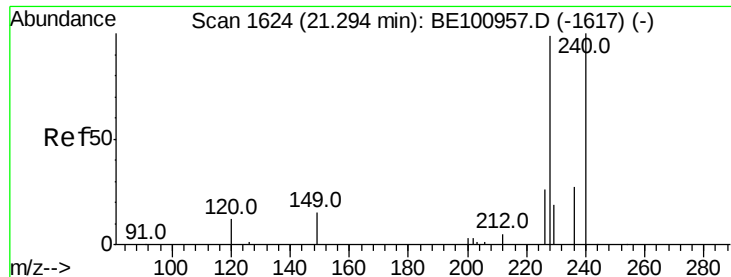


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

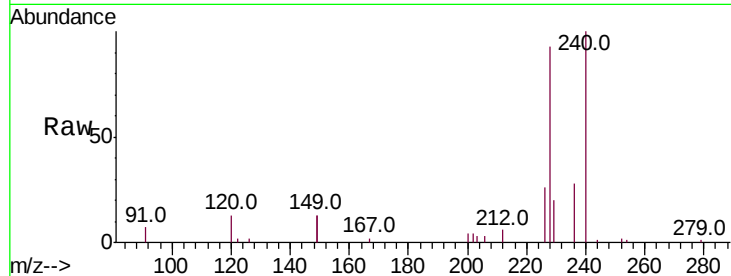




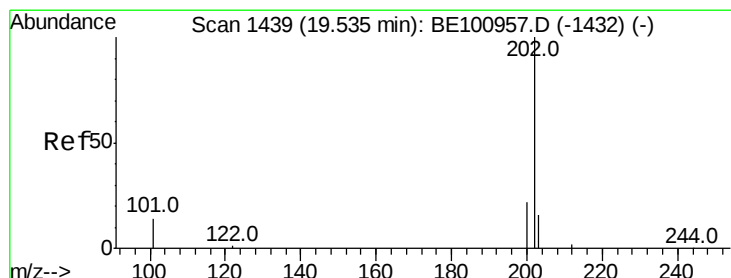
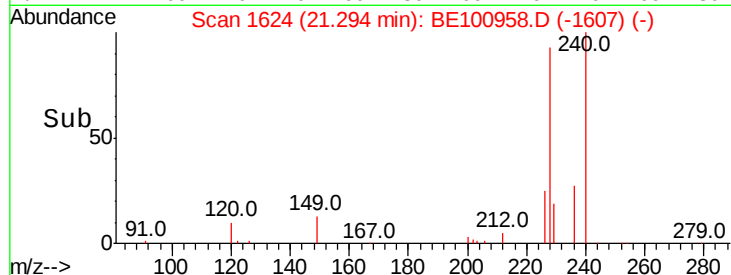
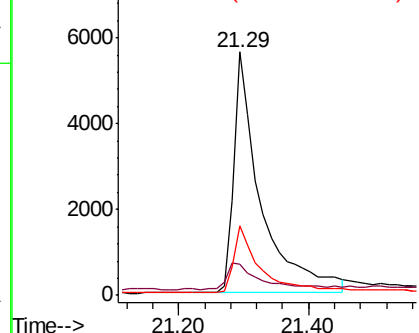
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 16427
Ion Ratio Lower Upper
240 100
120 12.9 11.5 17.3
236 28.4 22.8 34.2

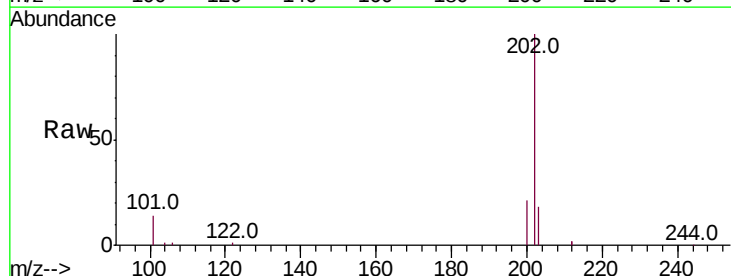


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

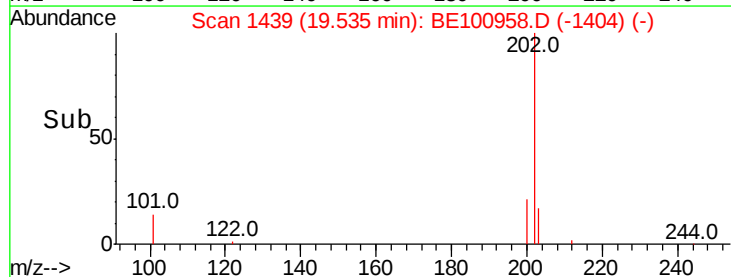
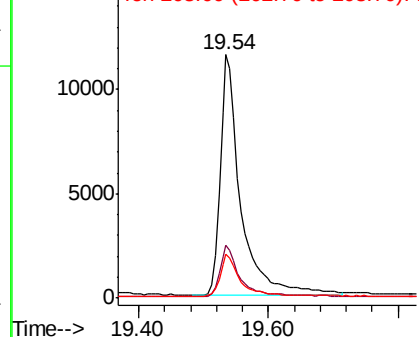


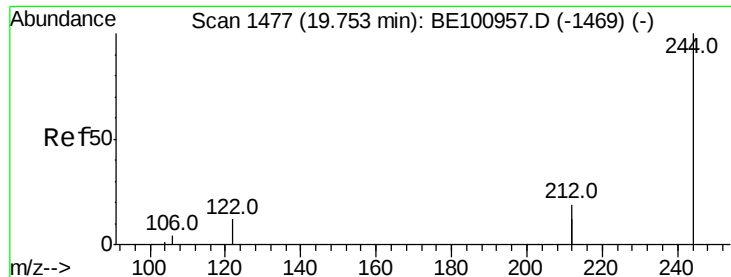
#28
Pyrene
Concen: 0.438 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100958.D
Acq: 19 Dec 2019 22:42

Tgt Ion:202 Resp: 25708
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.6 13.8 20.8



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: 0.394 ng

RT: 19.75 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

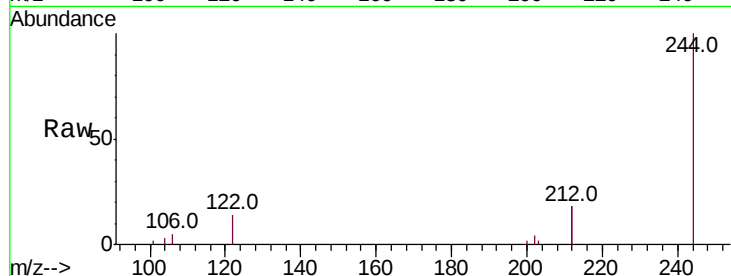
Tot Ion:244 Resp: 14778

Ion Ratio Lower Upper

244 100

212 35.2 30.2 45.2

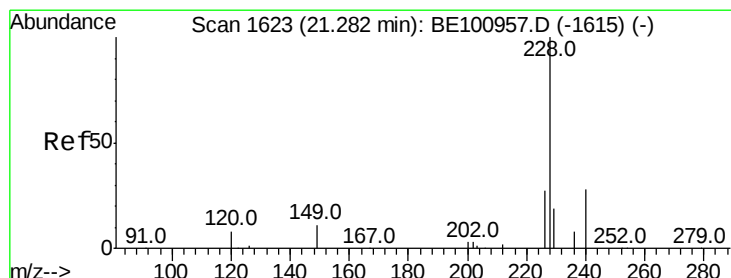
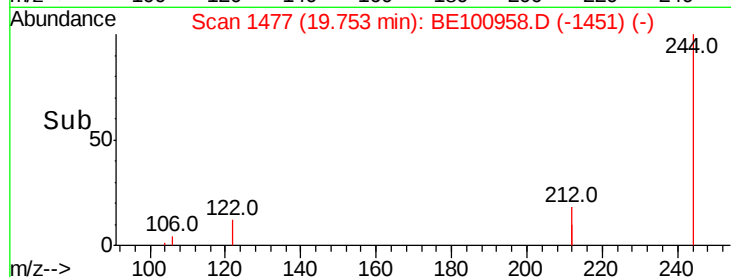
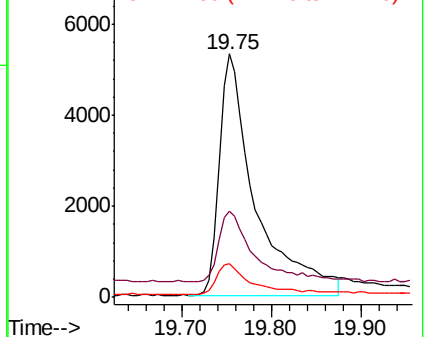
122 13.7 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

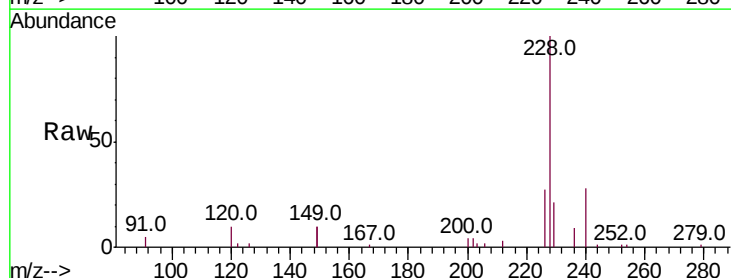
Tgt Ion:228 Resp: 16711

Ion Ratio Lower Upper

228 100

226 26.5 21.9 32.9

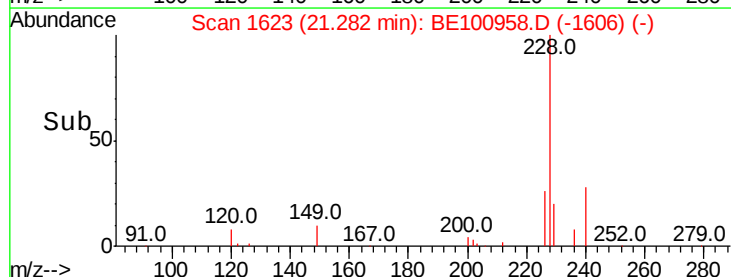
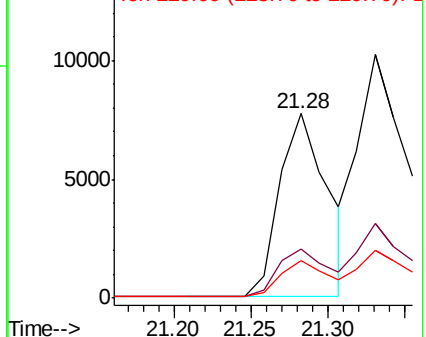
229 20.6 15.9 23.9

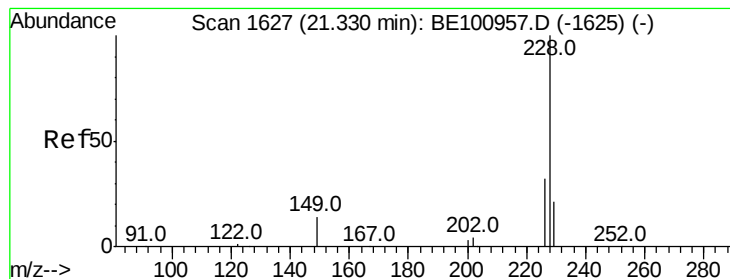


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

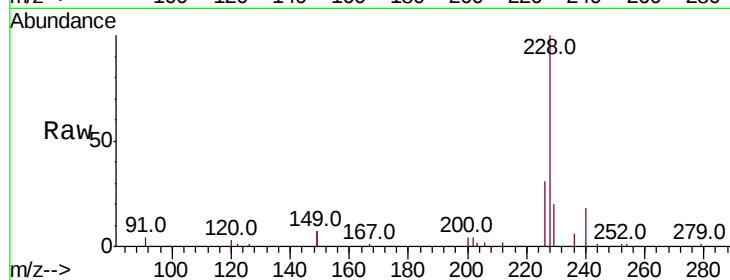
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 21899

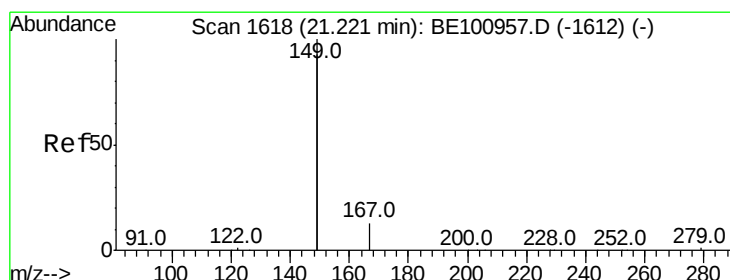
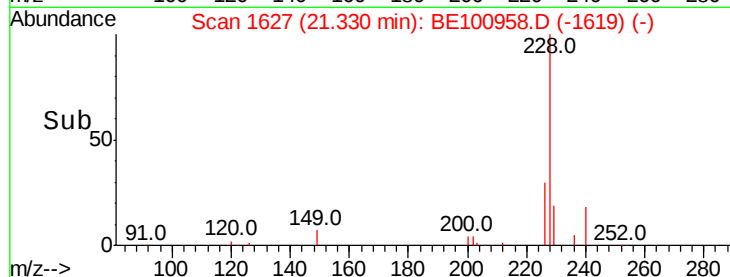
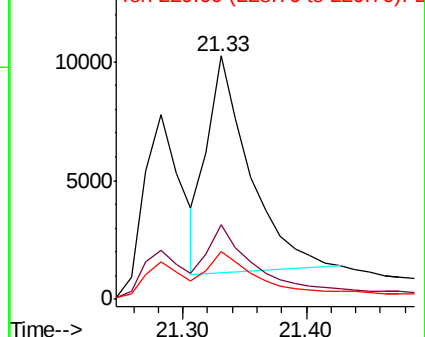
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.7	16.6	24.8



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: 0.321 ng

RT: 21.22 min Scan# 1618

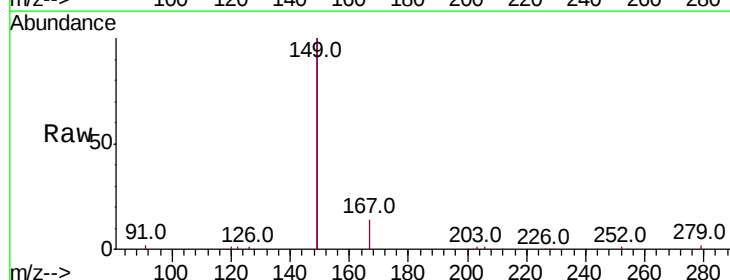
Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Tgt Ion:149 Resp: 43488

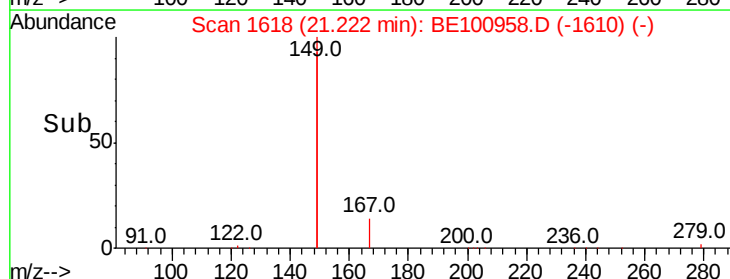
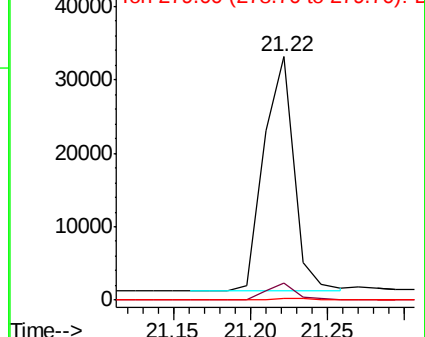
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	0.8	0.7	1.1

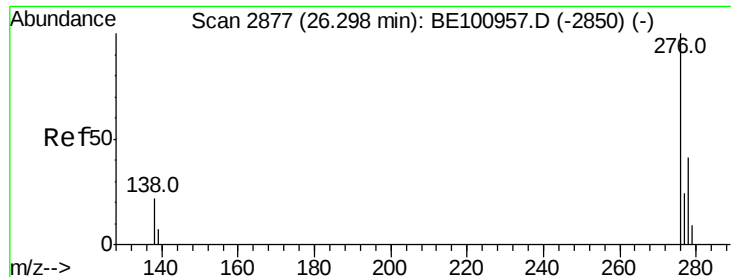


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.445 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

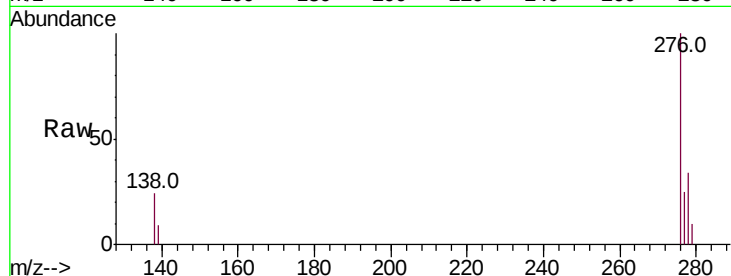
Tot Ion:276 Resp: 25272

Ion Ratio Lower Upper

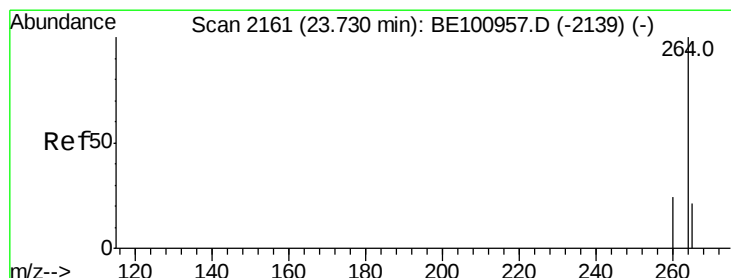
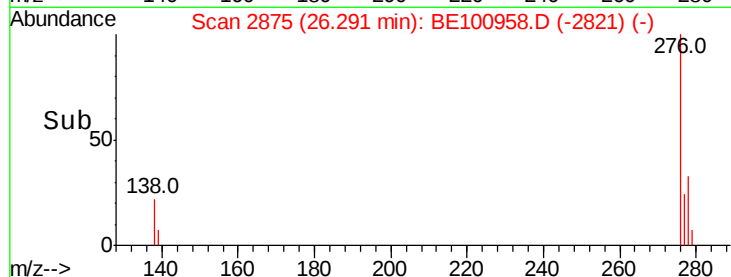
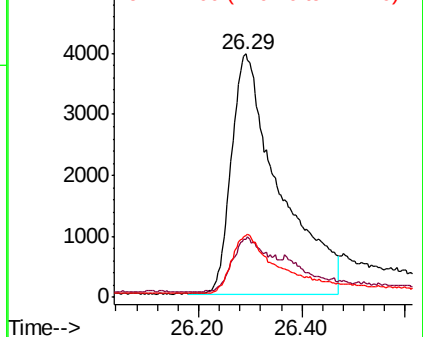
276 100

138 17.3 9.0 13.4#

277 25.0 5.9 8.9#



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: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

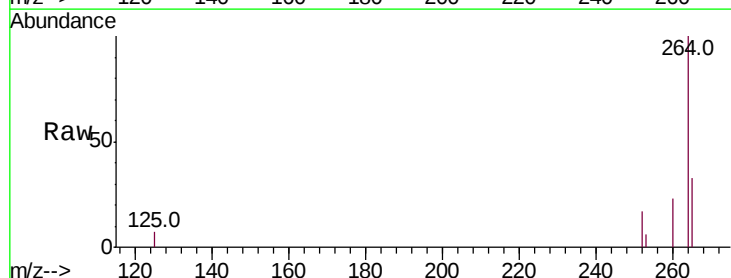
Tgt Ion:264 Resp: 21493

Ion Ratio Lower Upper

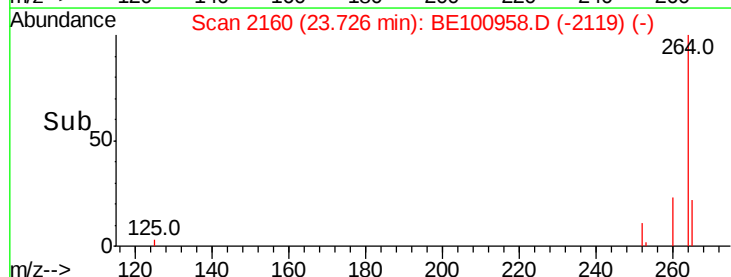
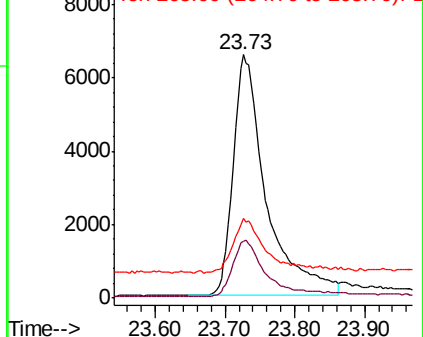
264 100

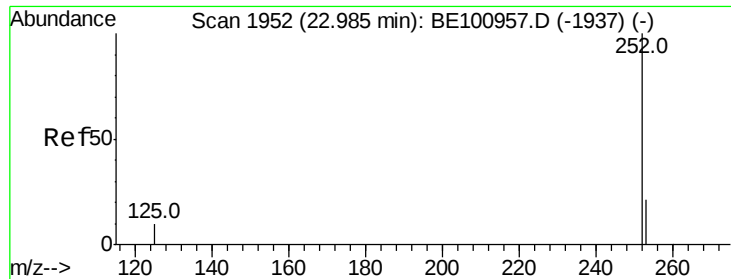
260 23.5 19.4 29.2

265 32.5 26.4 39.6



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: 0.380 ng

RT: 22.98 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

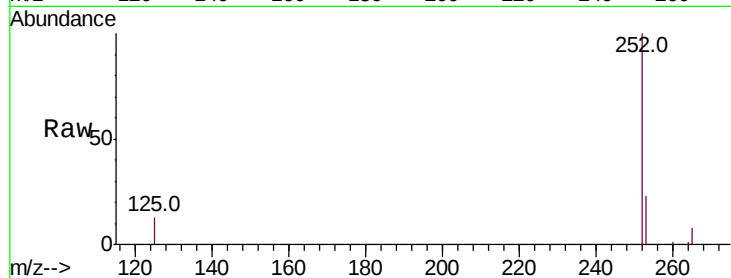
Tot Ion:252 Resp: 18097

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

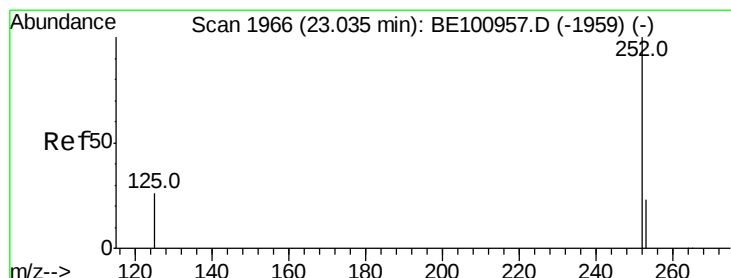
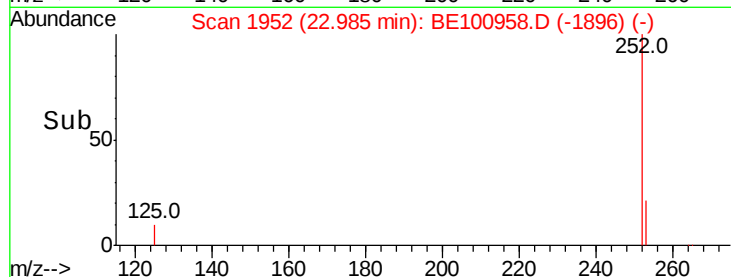
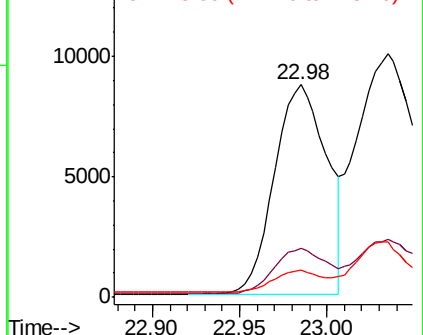
125 12.7 10.2 15.2



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



#36

Benzo(k)fluoranthene

Concen: 0.515 ng

RT: 23.03 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

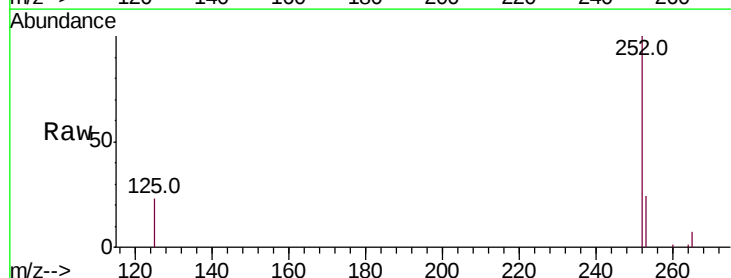
Tgt Ion:252 Resp: 32737

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

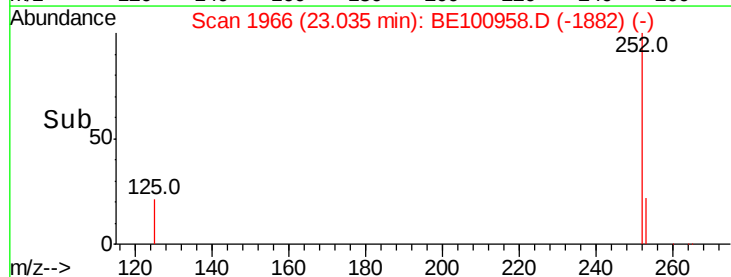
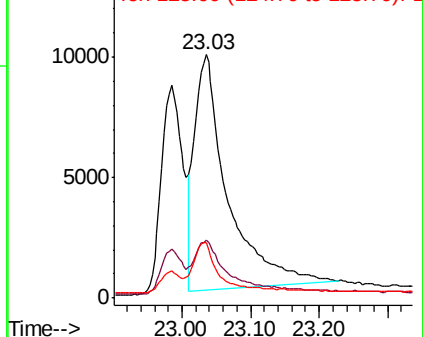
125 23.0 17.9 26.9

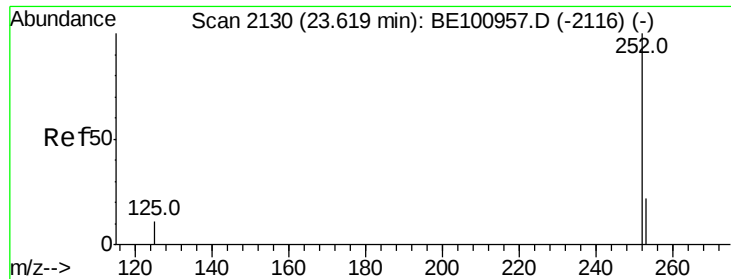


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

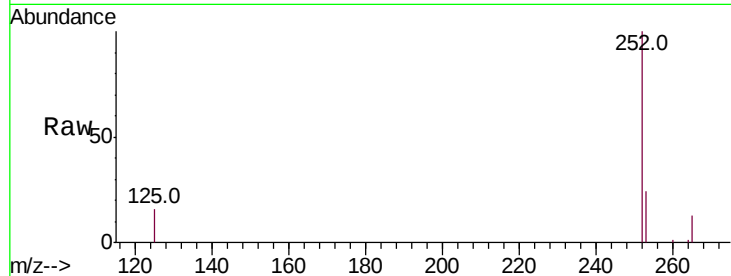
Tot Ion:252 Resp: 22676

Ion Ratio Lower Upper

252 100

253 24.3 19.9 29.9

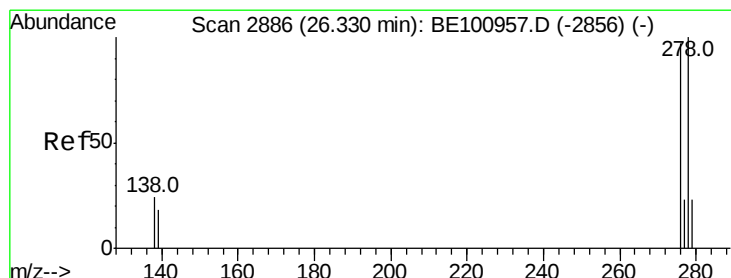
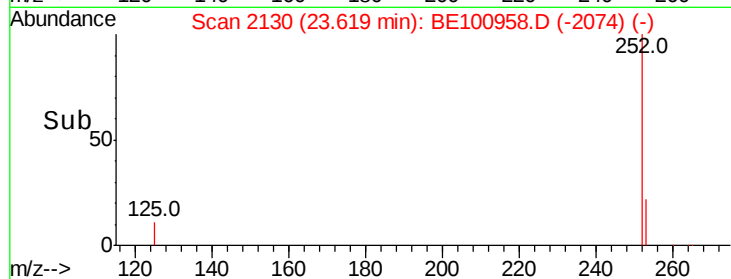
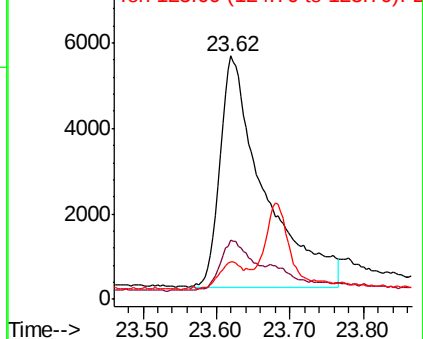
125 15.5 12.3 18.5



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



#38

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 26.33 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

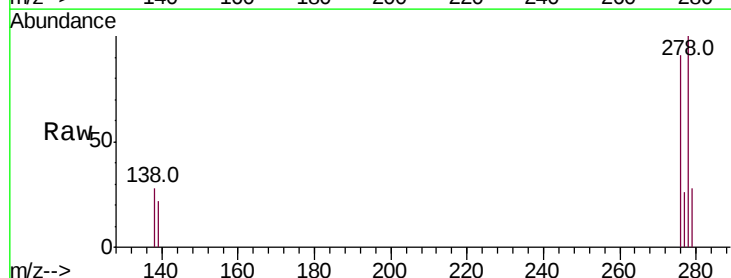
Tgt Ion:278 Resp: 18143

Ion Ratio Lower Upper

278 100

139 21.8 17.0 25.6

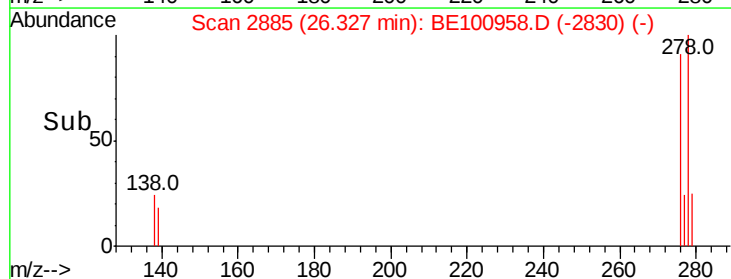
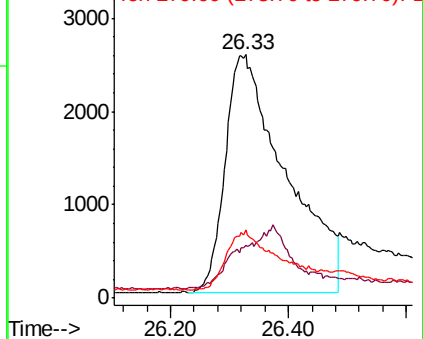
279 28.0 21.1 31.7

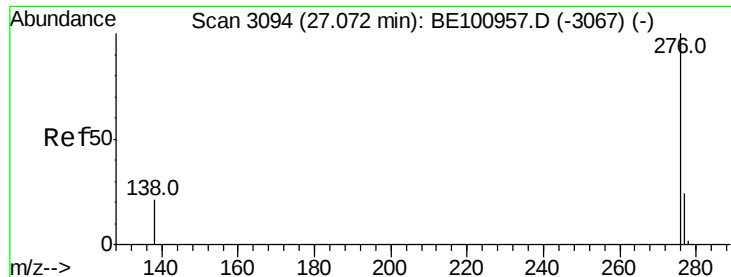


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.428 ng

RT: 27.07 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BE100958.D

Acq: 19 Dec 2019 22:42

Instrument :

BNA_E

ClientSampleId :

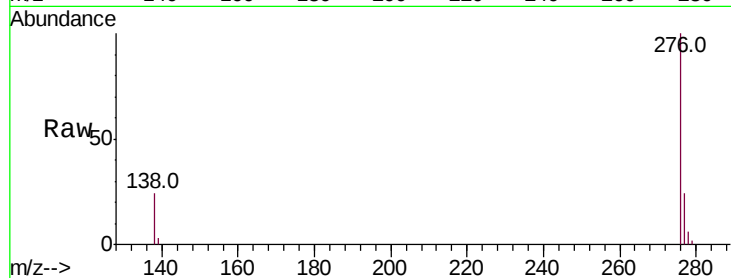
Tot Ion:276 Resp: 24169

Ion Ratio Lower Upper

276 100

277 23.8 19.9 29.9

138 23.7 18.4 27.6



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

