

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100956.D
 Acq On : 19 Dec 2019 21:27
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:34:49 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 00:29:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2019	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	10441	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	6737	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	15345	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15847	0.40	ng	0.00
34) Perylene-d12	23.73	264	21199	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	587	0.12	ng	0.01
5) Phenol-d6	7.00	99	394	0.05	ng	0.03
8) Nitrobenzene-d5	8.92	82	768	0.15	ng	0.01
11) 2-Methylnaphthalene-d10	12.14	152	2944	0.19	ng	0.01
14) 2,4,6-Tribromophenol	15.89	330	218	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	4649	0.17	ng	0.00
25) Fluoranthene-d10	19.15	212	36437	0.20	ng	0.00
29) Terphenyl-d14	19.76	244	6672	0.18	ng	0.00

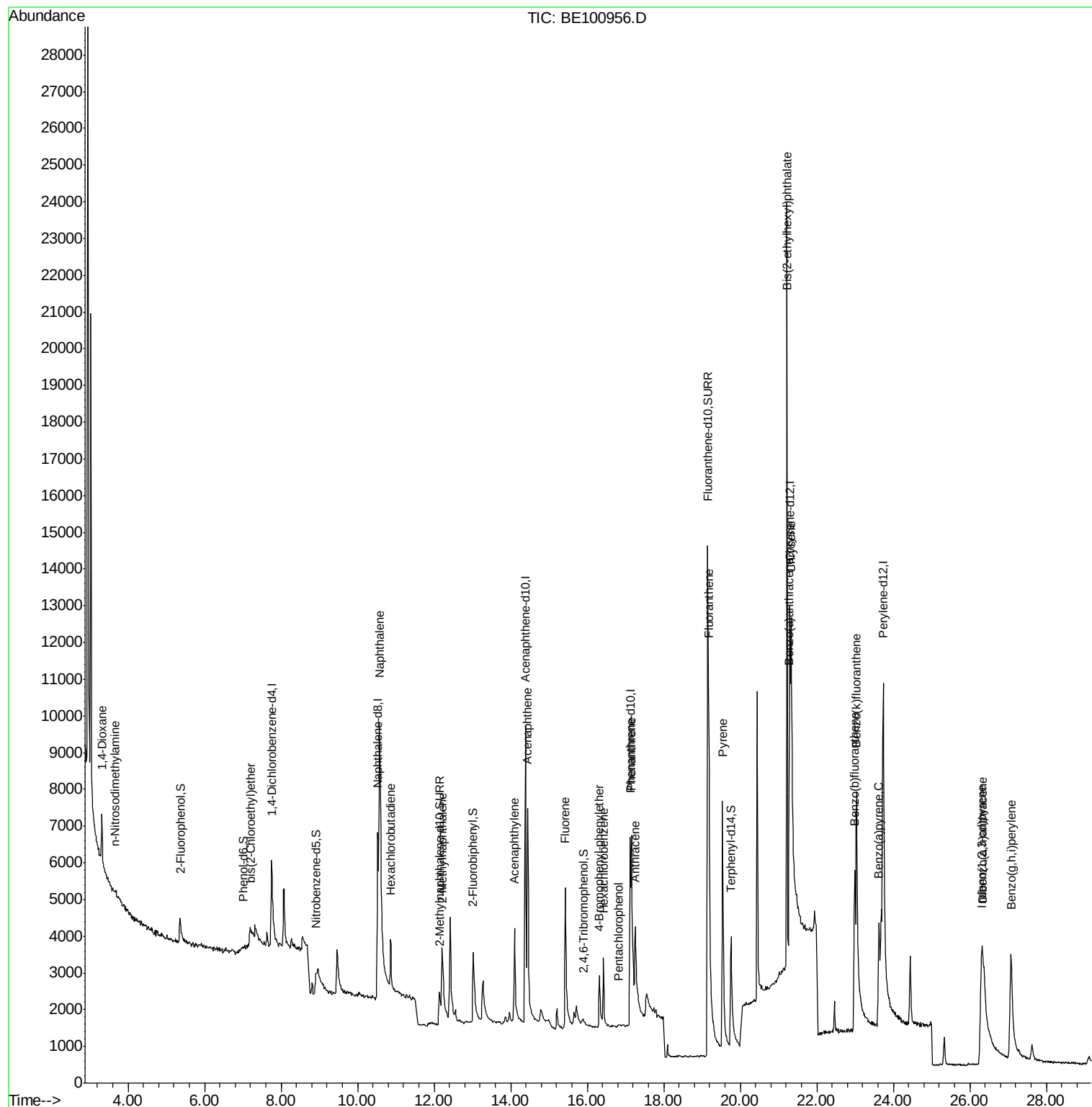
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1947	0.529	ng	# 87
3) n-Nitrosodimethylamine	3.65	42	129	0.043	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	1705	0.244	ng	# 16
9) Naphthalene	10.57	128	21552	0.194	ng	# 98
10) Hexachlorobutadiene	10.86	225	1018	0.235	ng	97
12) 2-Methylnaphthalene	12.21	142	2826	0.163	ng	93
16) Acenaphthylene	14.10	152	4791	0.172	ng	97
17) Acenaphthene	14.44	154	3609	0.188	ng	99
18) Fluorene	15.42	166	4239	0.171	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	1136	0.151	ng	95
21) Hexachlorobenzene	16.43	284	1505	0.184	ng	97
22) Pentachlorophenol	16.83	266	84	0.148	ng	98
23) Phenanthrene	17.16	178	6760	0.145	ng	99
24) Anthracene	17.26	178	4197	0.108	ng	96
26) Fluoranthene	19.18	202	10108	0.182	ng	100
28) Pyrene	19.54	202	10877	0.211	ng	99
30) Benzo(a)anthracene	21.28	228	6223	0.133	ng	96
31) Chrysene	21.33	228	10242	0.187	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	23441	0.554	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	10206	0.213	ng	# 79
35) Benzo(b)fluoranthene	22.99	252	7592	0.131	ng	# 93
36) Benzo(k)fluoranthene	23.04	252	13529	0.208	ng	# 79
37) Benzo(a)pyrene	23.62	252	10023	0.199	ng	# 88
38) Dibenzo(a,h)anthracene	26.33	278	5949	0.119	ng	# 86
39) Benzo(g,h,i)perylene	27.08	276	9825	0.184	ng	95

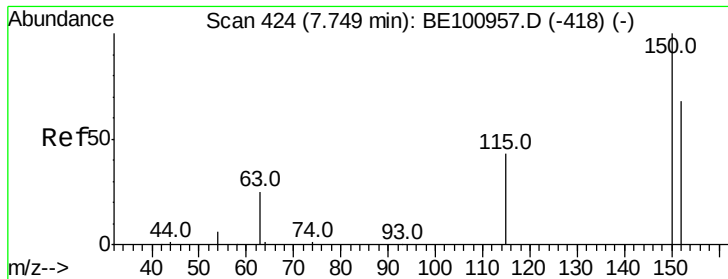
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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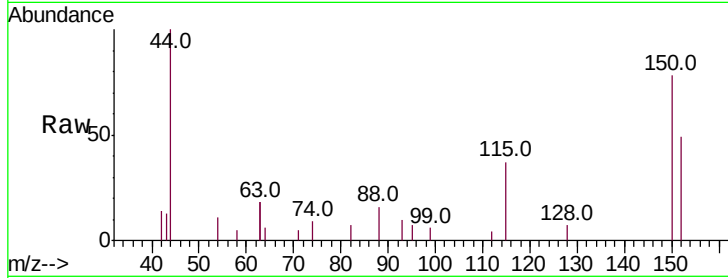


#1

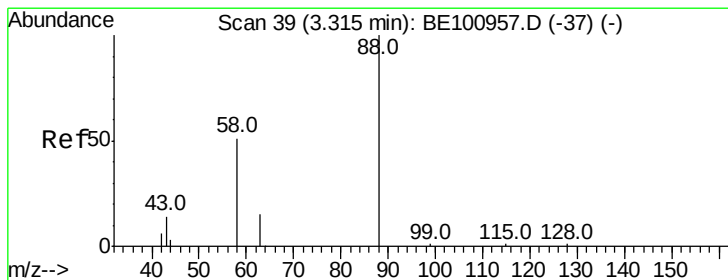
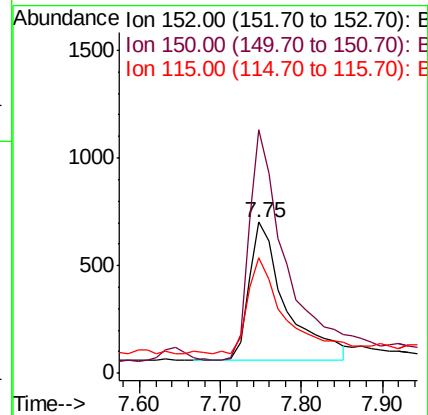
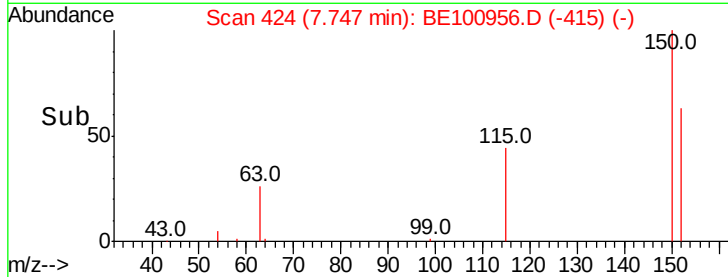
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2019
Ion Ratio Lower Upper
152 100
150 161.1 116.7 175.1
115 76.5 55.7 83.5



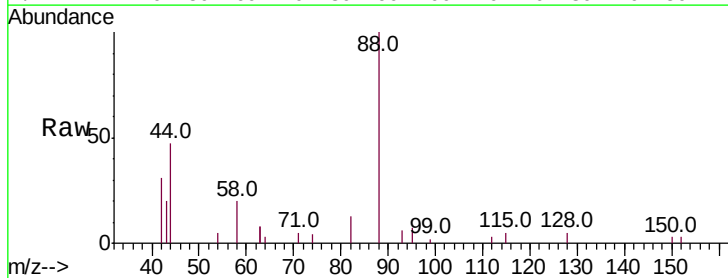
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



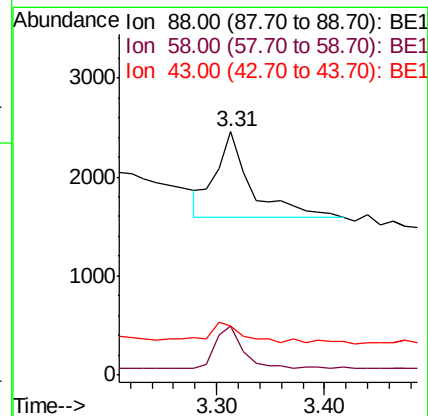
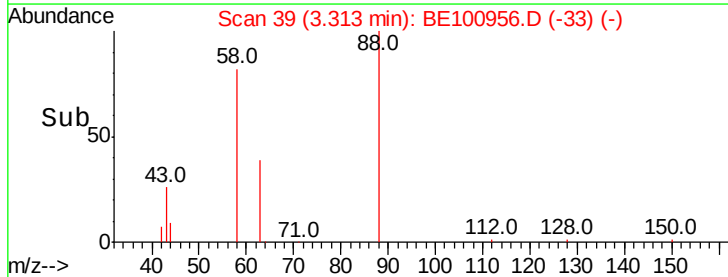
#2

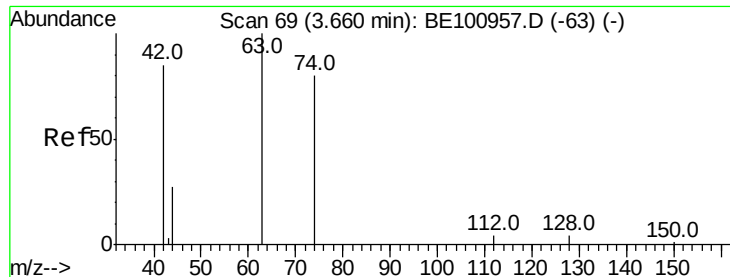
1,4-Dioxane
Concen: 0.529 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion: 88 Resp: 1947
Ion Ratio Lower Upper
88 100
58 38.4 38.6 57.8#
43 20.3 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: 0.043 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampled :

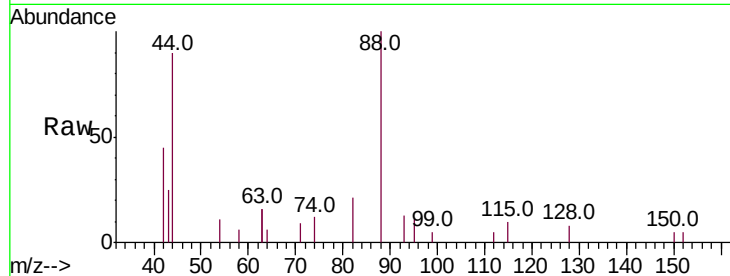
Tot Ion: 42 Resp: 129

Ion Ratio Lower Upper

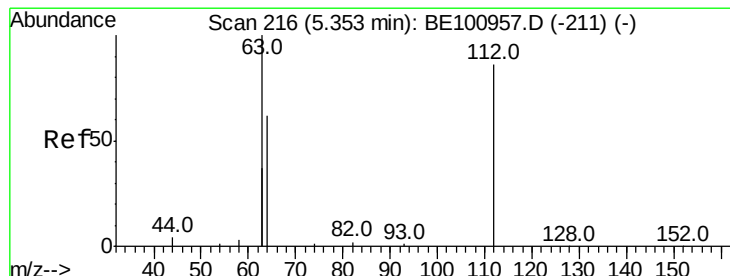
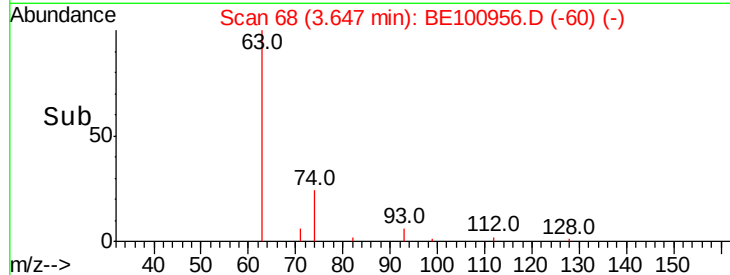
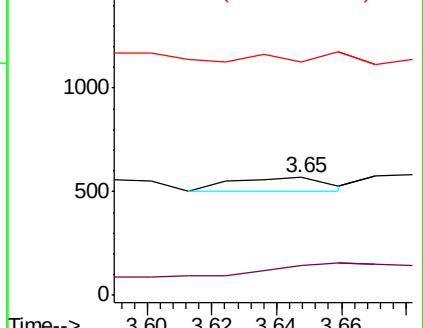
42 100

74 231.8 77.8 116.6#

44 68.2 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: 0.123 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

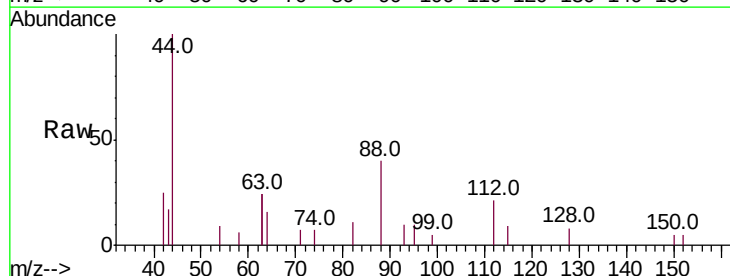
Tgt Ion: 112 Resp: 587

Ion Ratio Lower Upper

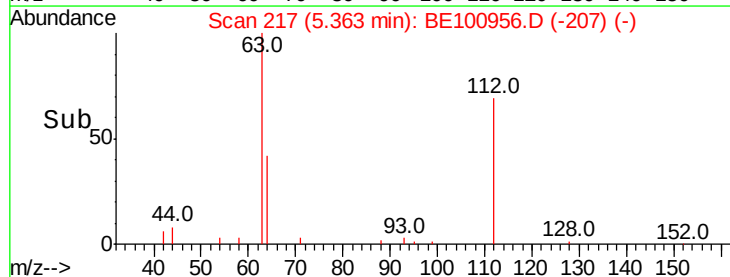
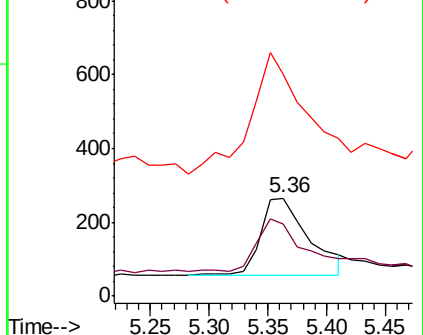
112 100

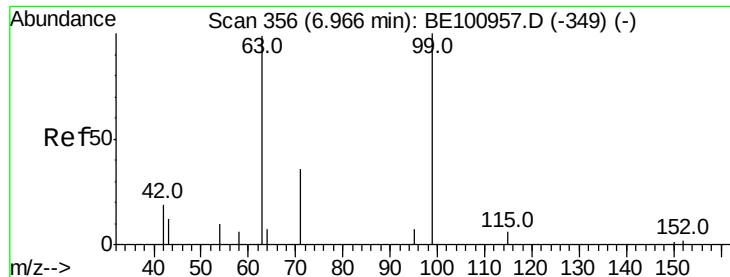
64 67.0 58.6 88.0

63 183.6 121.0 181.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.054 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampled :

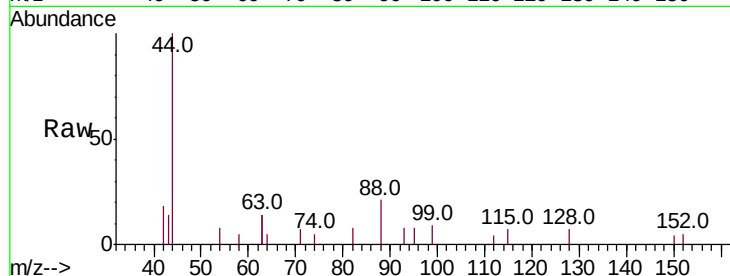
Tot Ion: 99 Resp: 394

Ion Ratio Lower Upper

99 100

42 0.0 10.2 15.2#

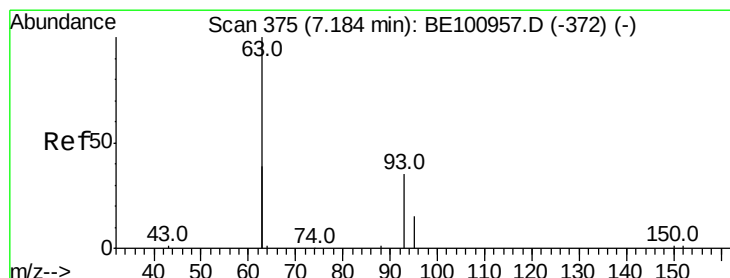
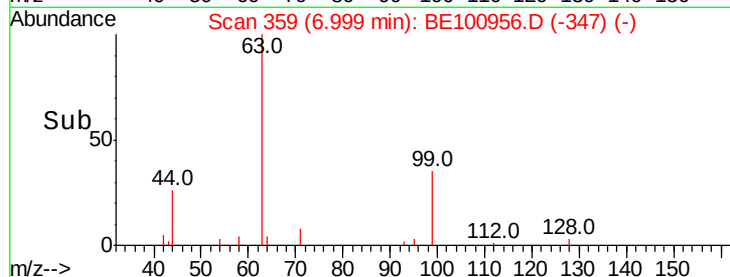
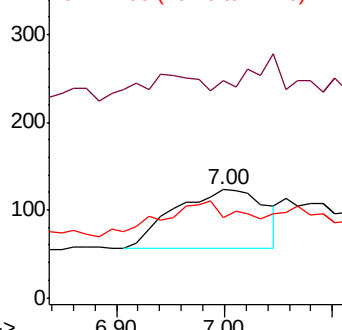
71 51.3 0.0 0.0#



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: 0.244 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

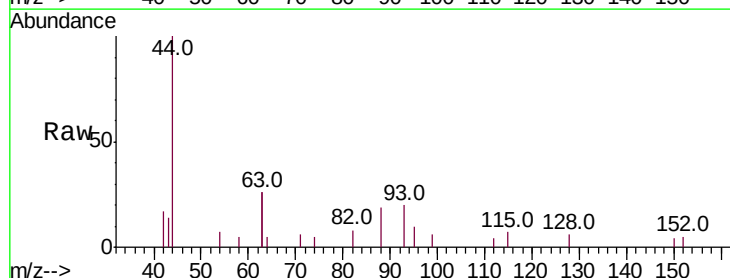
Tgt Ion: 93 Resp: 1705

Ion Ratio Lower Upper

93 100

63 103.3 209.4 314.2#

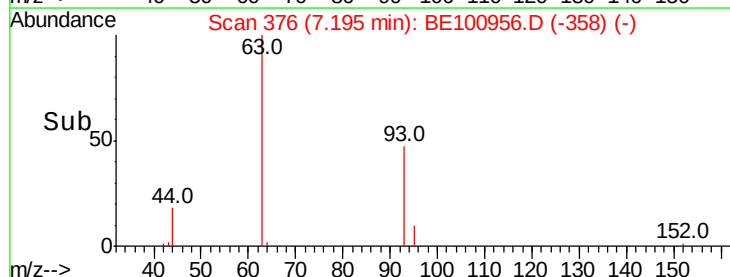
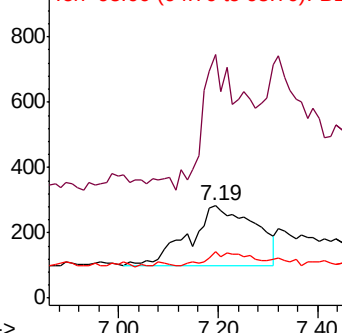
95 5.5 28.6 42.8#

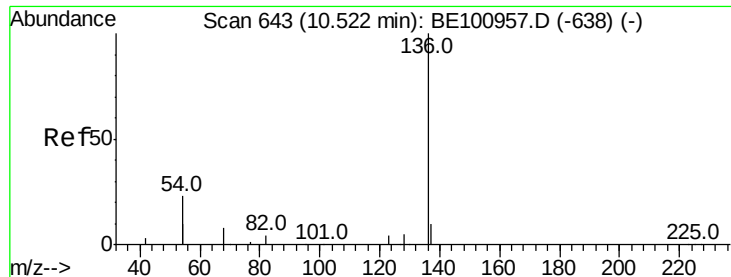


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10441

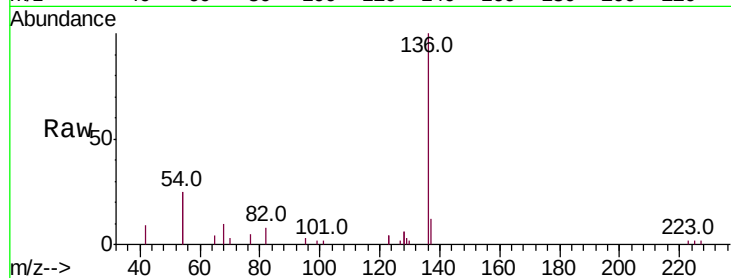
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 49.4 36.2 54.4

68 10.2 8.4 12.6

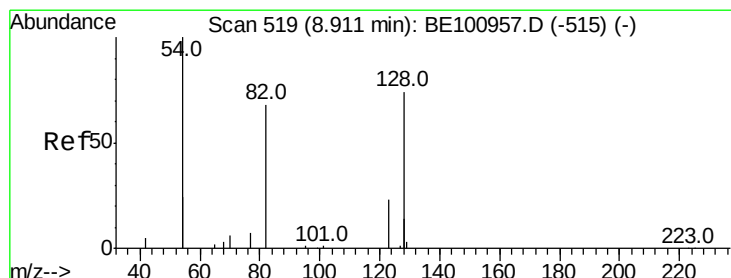
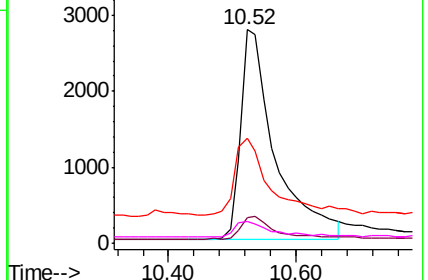
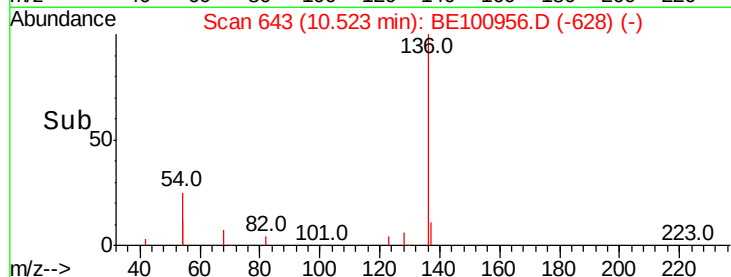


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.154 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

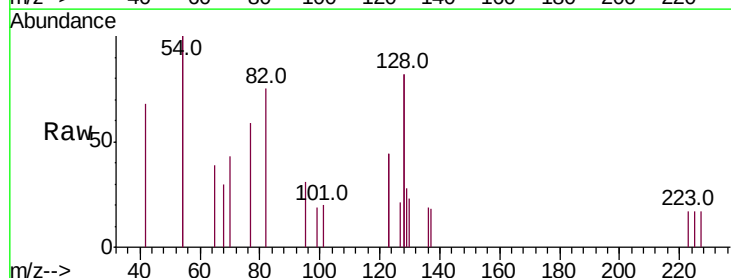
Tgt Ion: 82 Resp: 768

Ion Ratio Lower Upper

82 100

128 218.7 135.0 202.6#

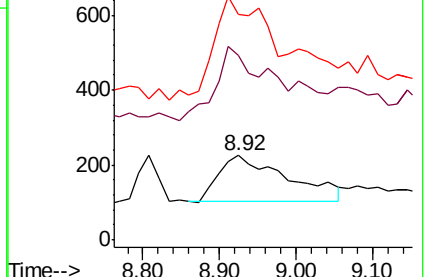
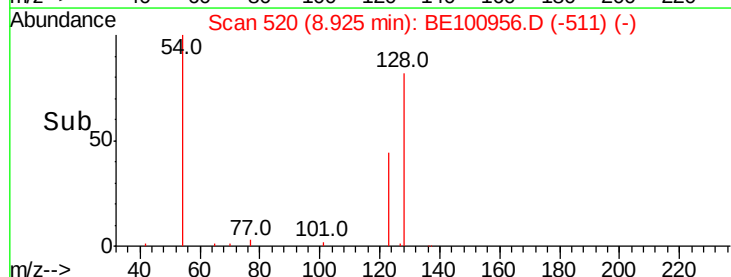
54 267.6 182.6 274.0

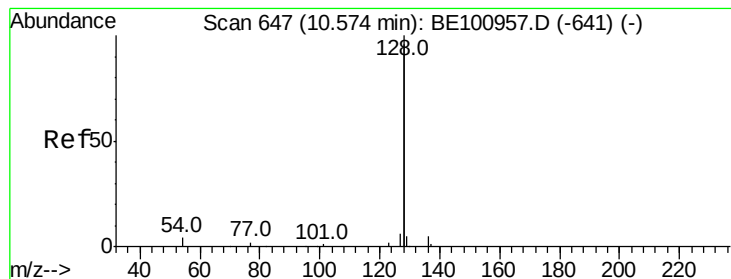


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.194 ng

RT: 10.57 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

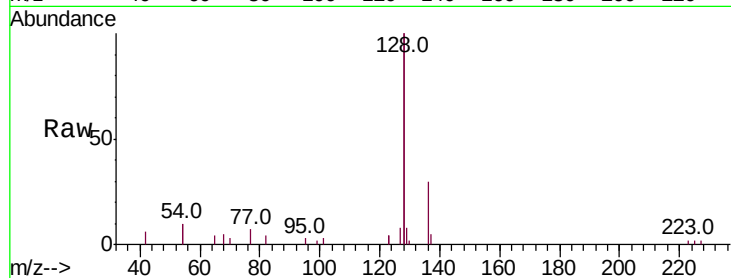
Tot Ion:128 Resp: 21552

Ion Ratio Lower Upper

128 100

129 3.9 2.5 3.7#

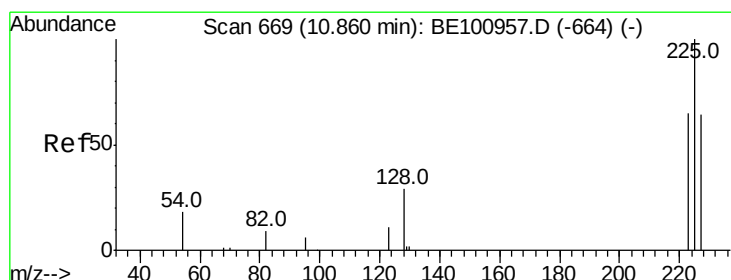
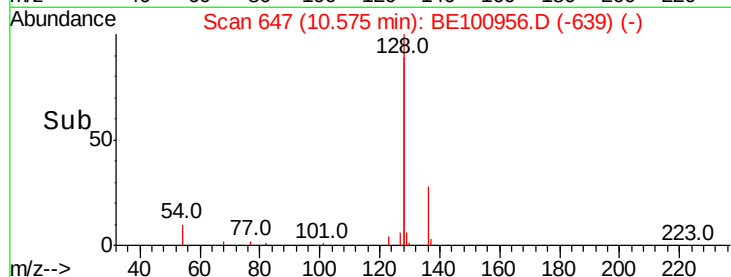
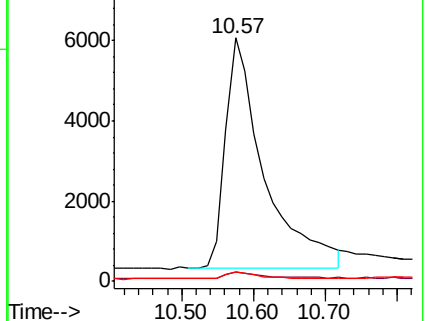
127 3.9 2.7 4.1



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: 0.235 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

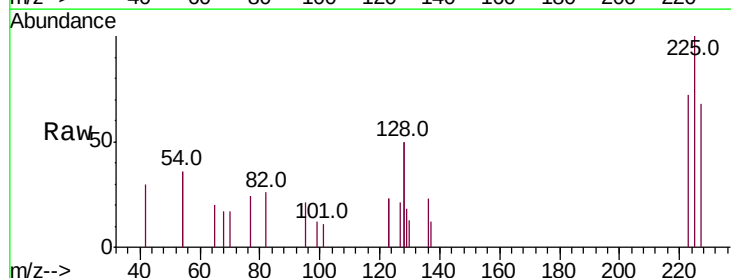
Tgt Ion:225 Resp: 1018

Ion Ratio Lower Upper

225 100

223 63.9 49.4 74.2

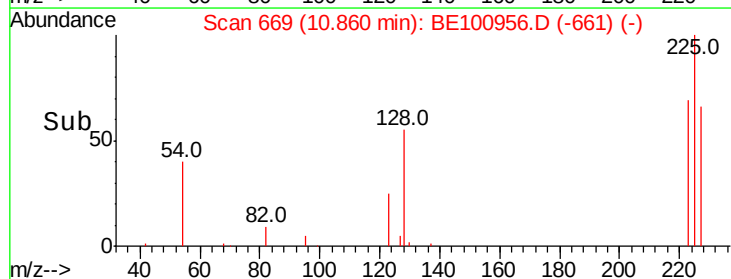
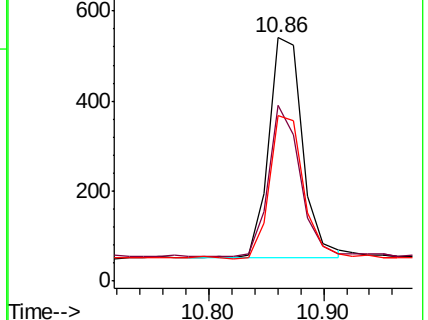
227 65.1 50.3 75.5

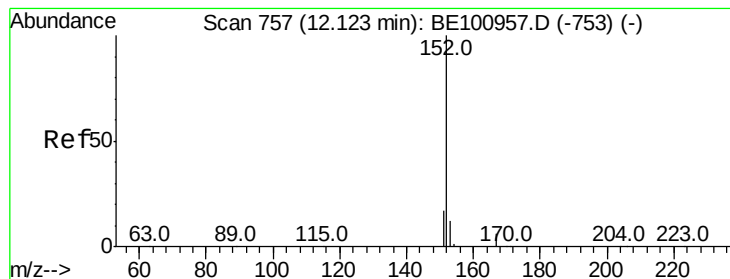


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.195 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

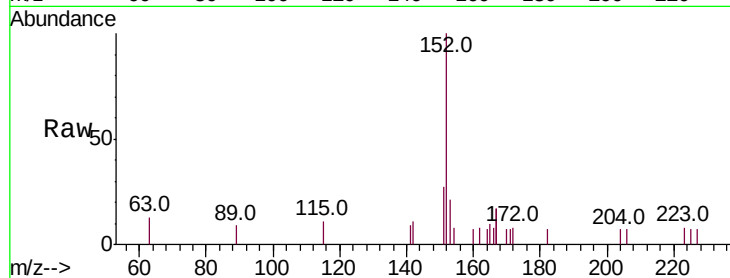
ClientSampleId :

Tot Ion:152 Resp: 2944

Ion Ratio Lower Upper

152 100

151 22.4 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

800

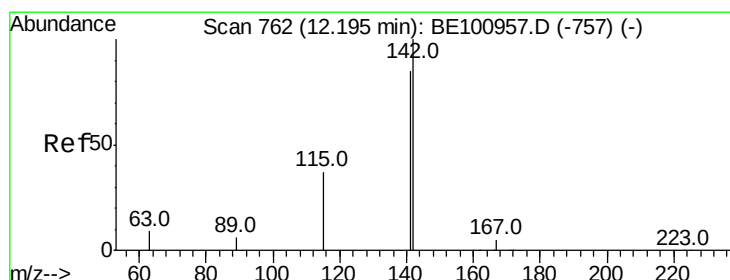
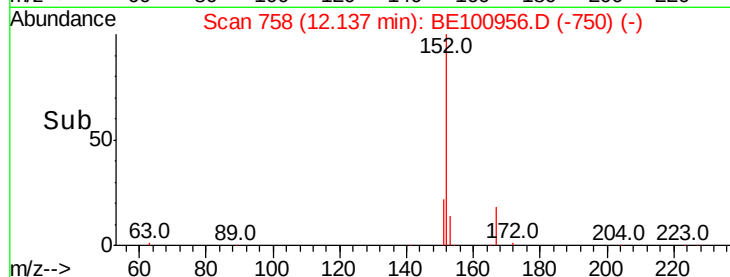
600

400

200

0

Time--> 12.00 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.163 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

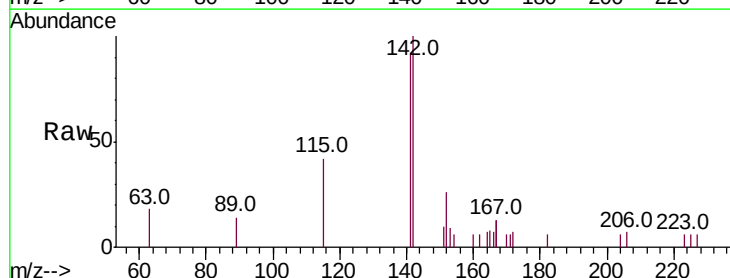
Tgt Ion:142 Resp: 2826

Ion Ratio Lower Upper

142 100

141 92.3 67.8 101.8

115 41.8 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

12.21

1000

800

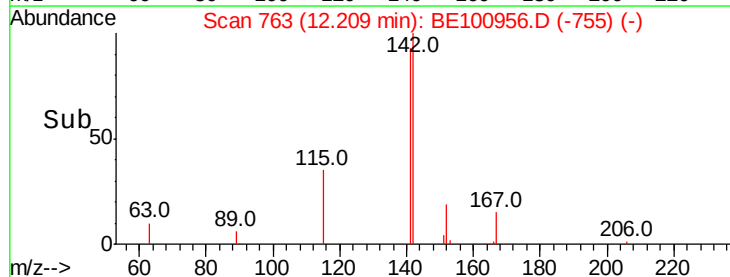
600

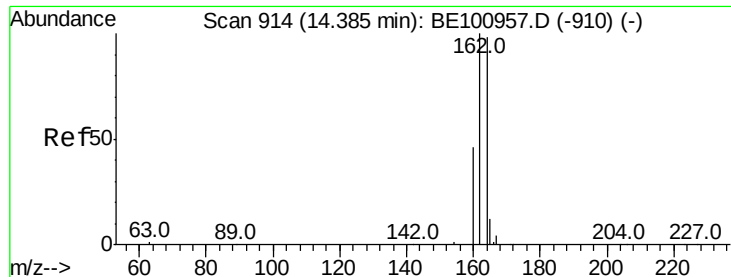
400

200

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

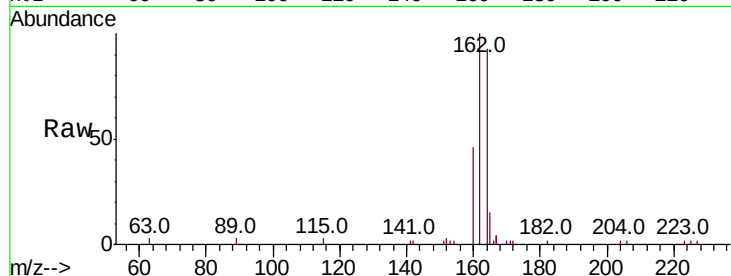
Tot Ion:164 Resp: 6737

Ion Ratio Lower Upper

164 100

162 107.5 81.6 122.4

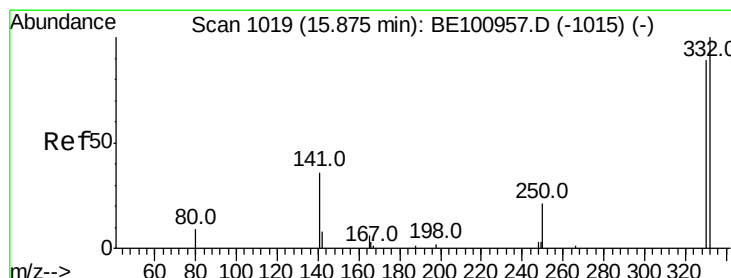
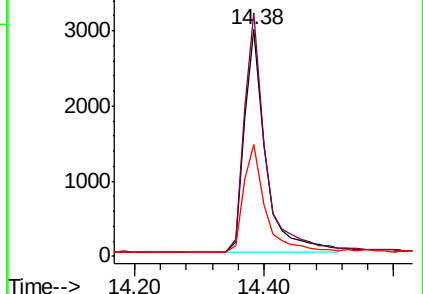
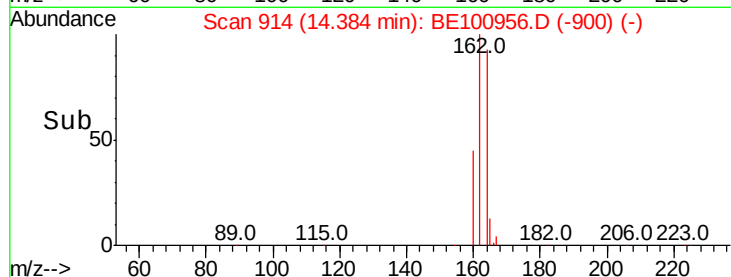
160 49.6 38.5 57.7



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: 0.291 ng

RT: 15.89 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

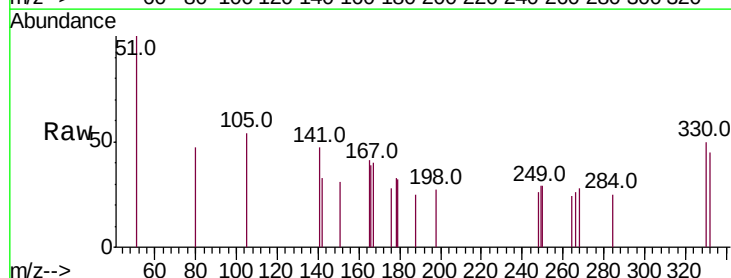
Tgt Ion:330 Resp: 218

Ion Ratio Lower Upper

330 100

332 95.4 84.2 126.2

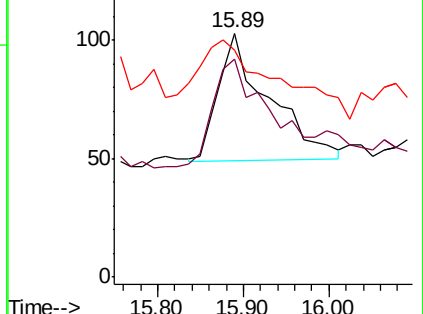
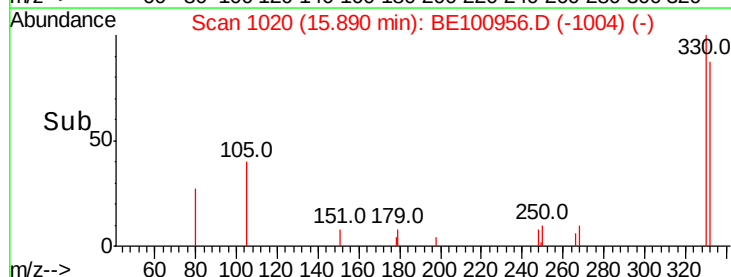
141 95.9 39.3 58.9#

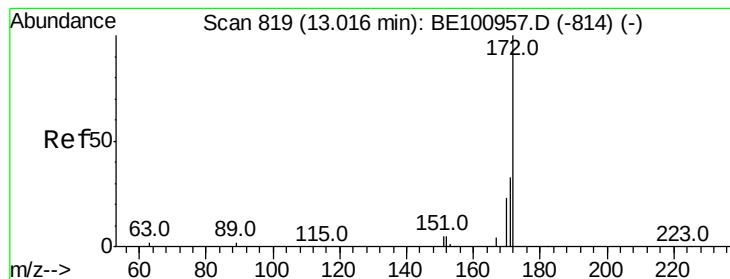


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.174 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampled :

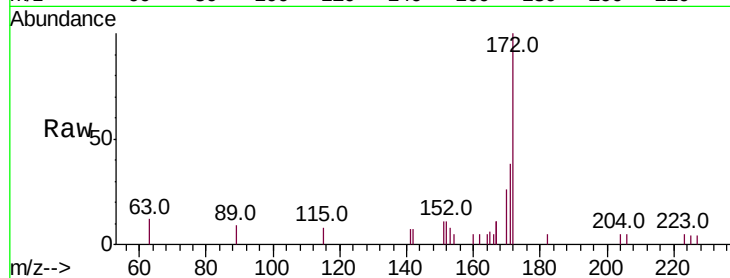
Tot Ion:172 Resp: 4649

Ion Ratio Lower Upper

172 100

171 38.2 27.5 41.3

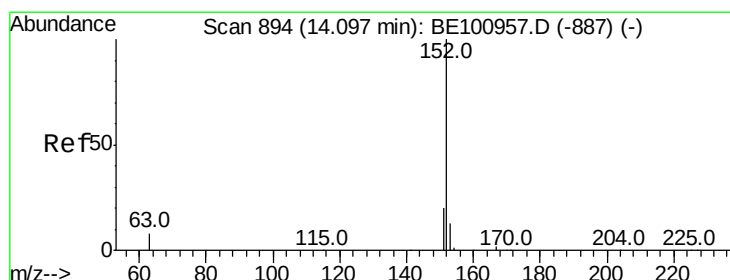
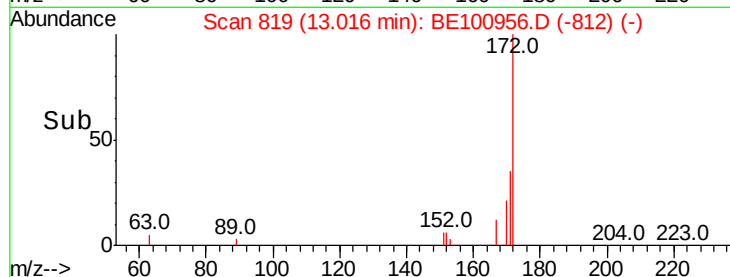
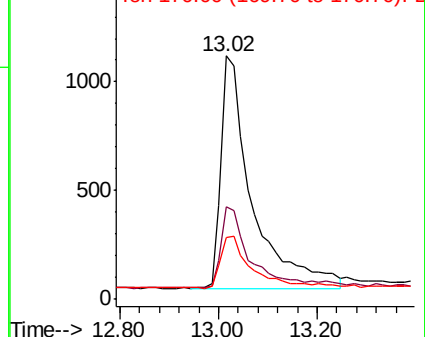
170 25.5 19.8 29.6



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: 0.172 ng

RT: 14.10 min Scan# 894

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

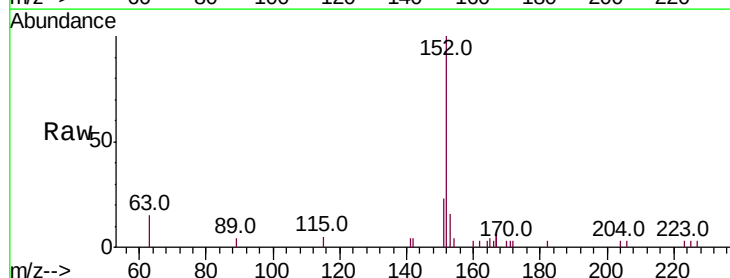
Tgt Ion:152 Resp: 4791

Ion Ratio Lower Upper

152 100

151 20.2 15.0 22.4

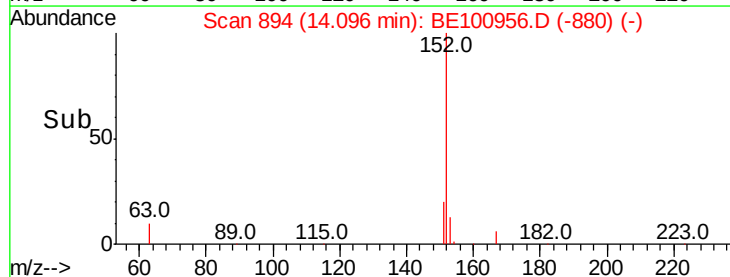
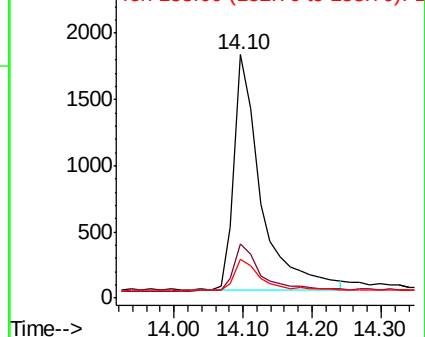
153 14.1 10.6 16.0

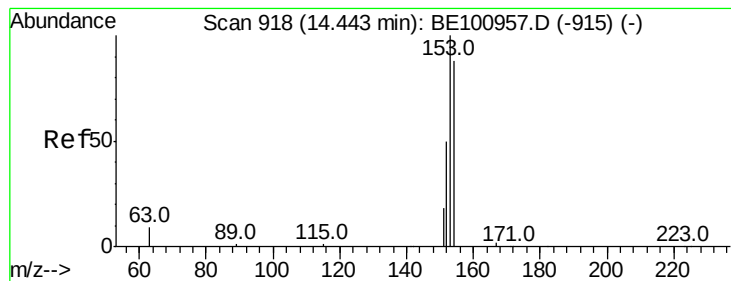


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.188 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

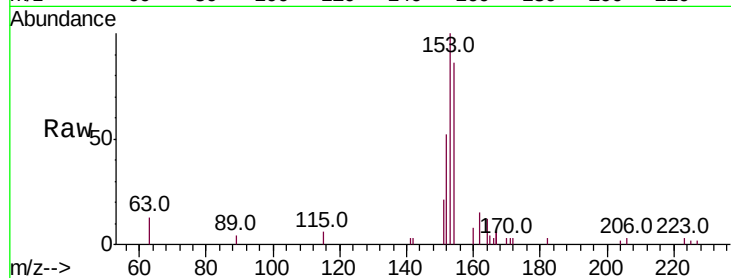
Tot Ion:154 Resp: 3609

Ion Ratio Lower Upper

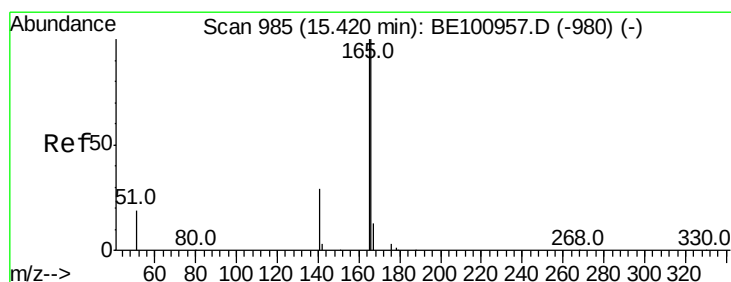
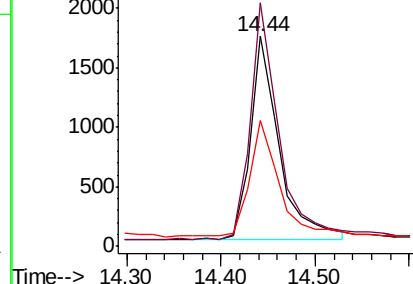
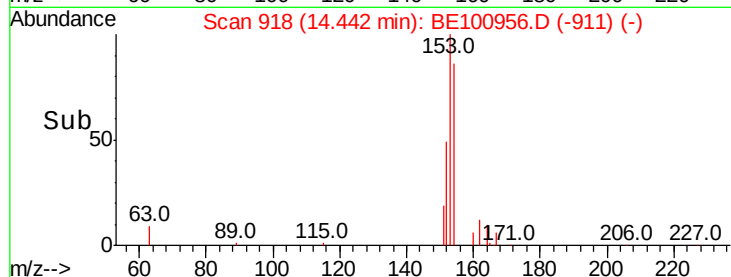
154 100

153 116.3 92.3 138.5

152 58.2 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: 0.171 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

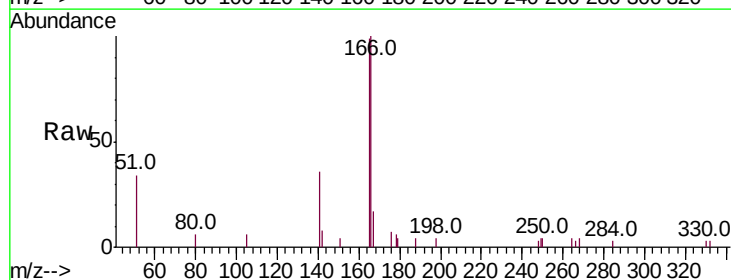
Tgt Ion:166 Resp: 4239

Ion Ratio Lower Upper

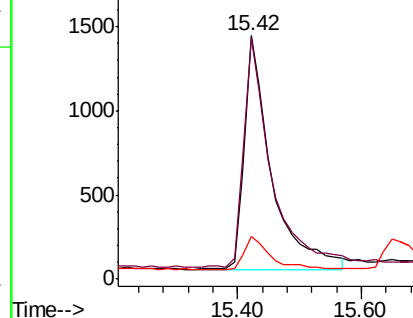
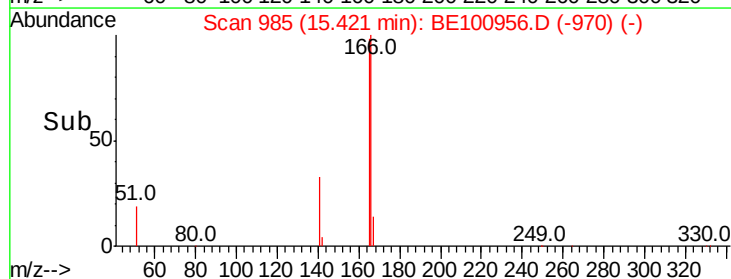
166 100

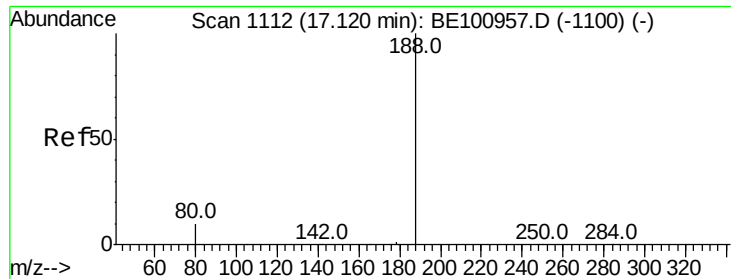
165 99.6 79.0 118.4

167 14.4 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: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

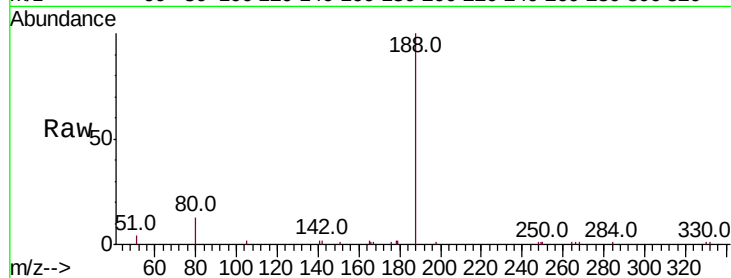
Tot Ion:188 Resp: 15345

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

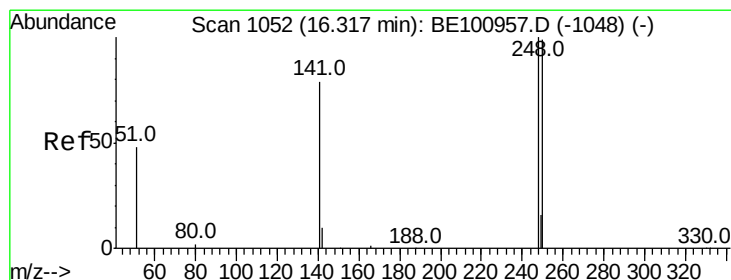
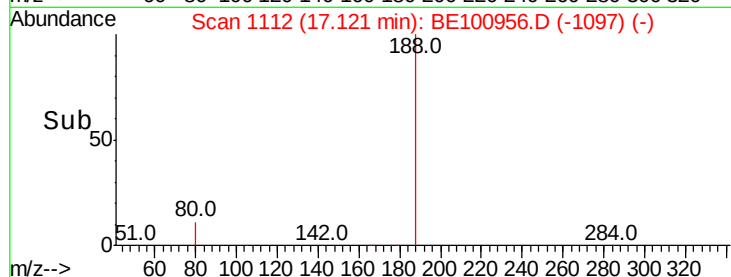
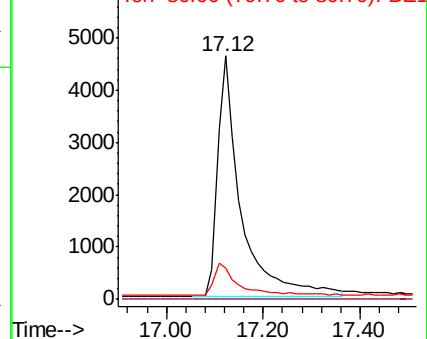
80 12.6 9.5 14.3



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: 0.151 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

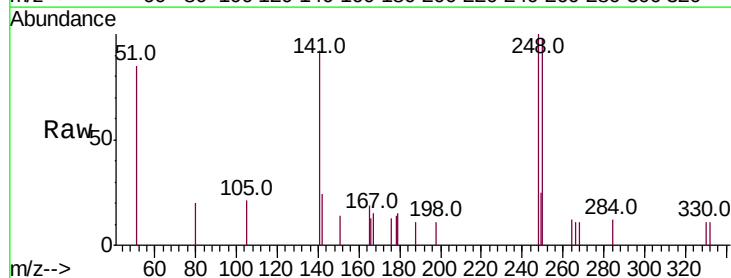
Tgt Ion:248 Resp: 1136

Ion Ratio Lower Upper

248 100

250 98.0 79.5 119.3

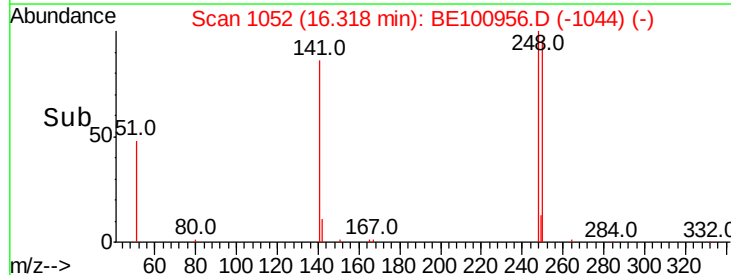
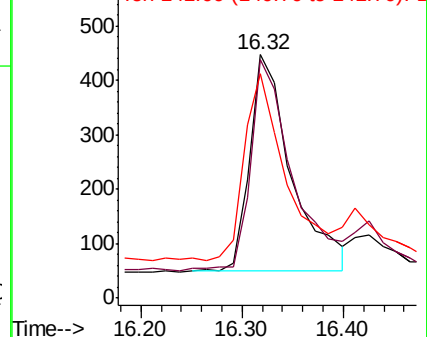
141 92.2 66.6 100.0

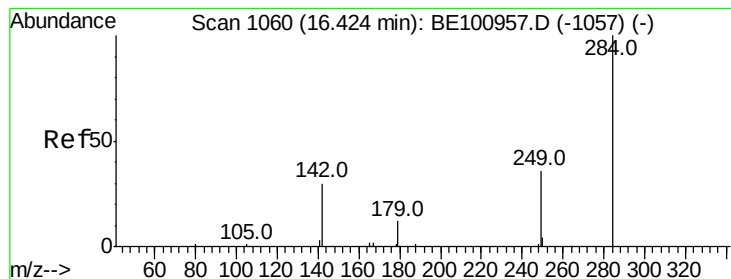


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.184 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

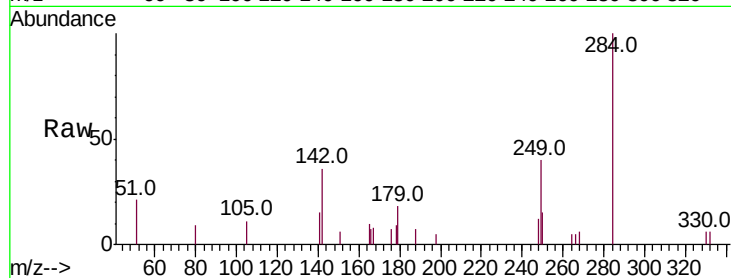
Tot Ion:284 Resp: 1505

Ion Ratio Lower Upper

284 100

142 40.8 33.8 50.6

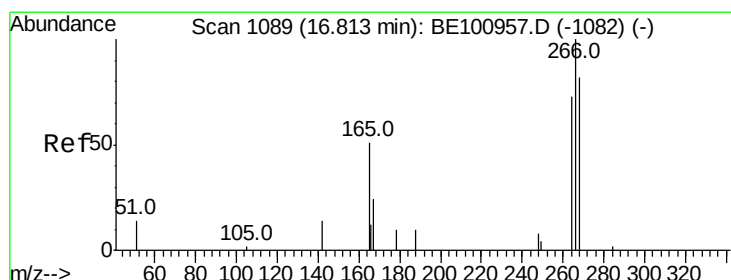
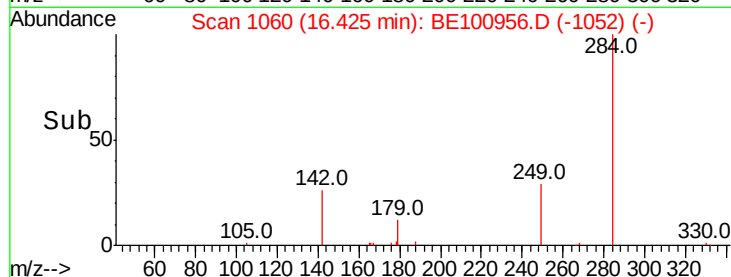
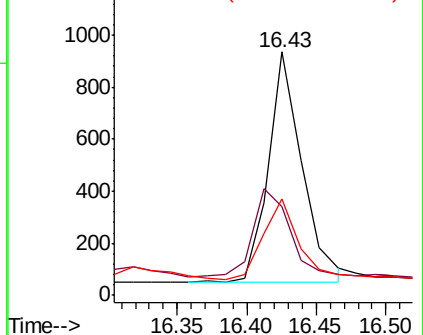
249 36.2 26.7 40.1



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: 0.148 ng

RT: 16.83 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

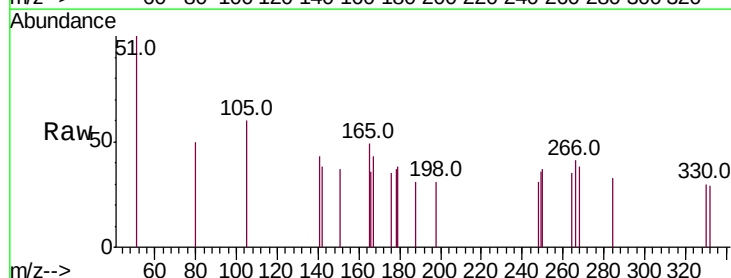
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 84.3 64.5 96.7

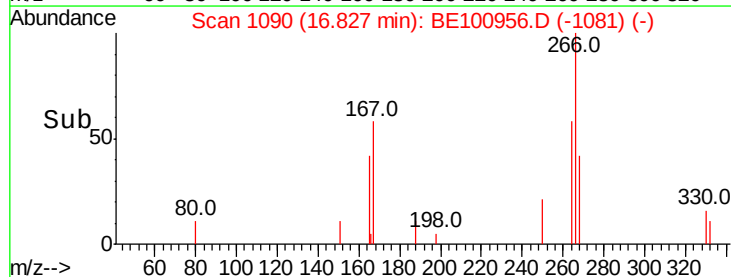
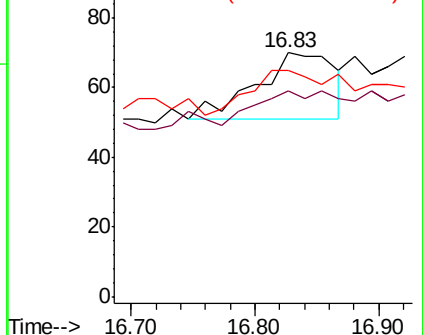
268 92.9 74.6 111.8

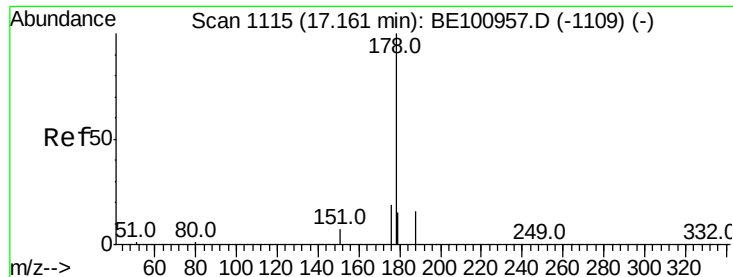


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.145 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

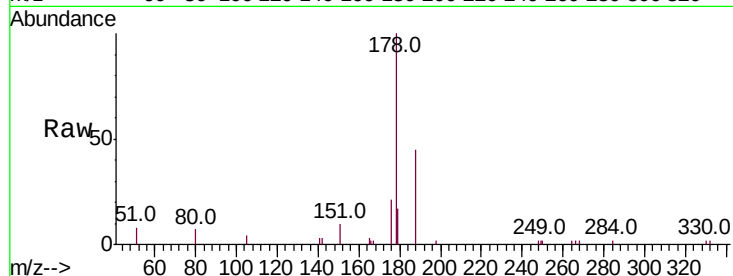
Tot Ion:178 Resp: 6760

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

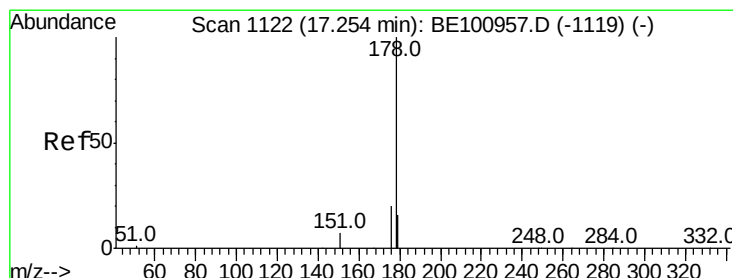
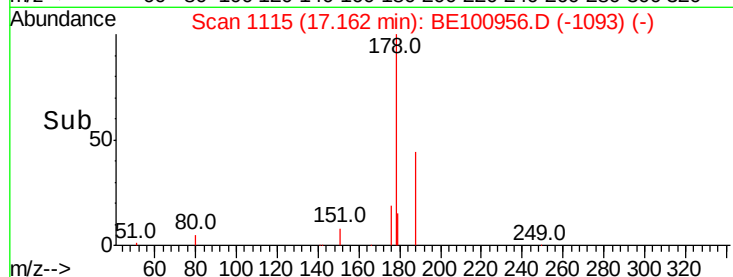
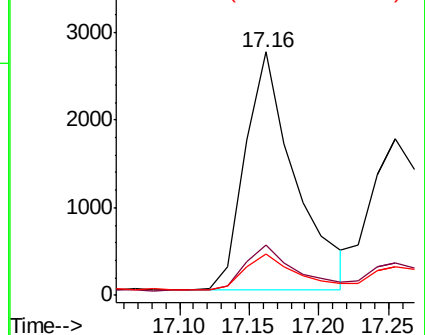
179 15.1 12.5 18.7



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: 0.108 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

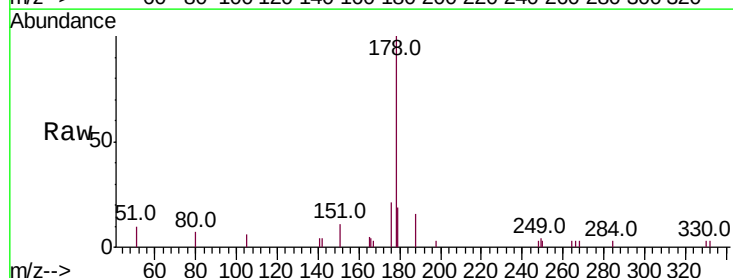
Tgt Ion:178 Resp: 4197

Ion Ratio Lower Upper

178 100

176 16.6 15.7 23.5

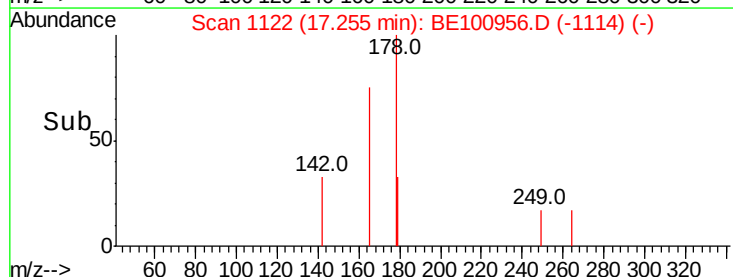
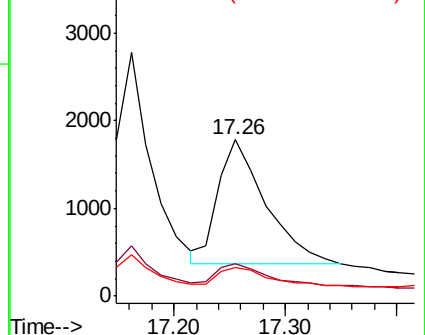
179 14.5 12.0 18.0

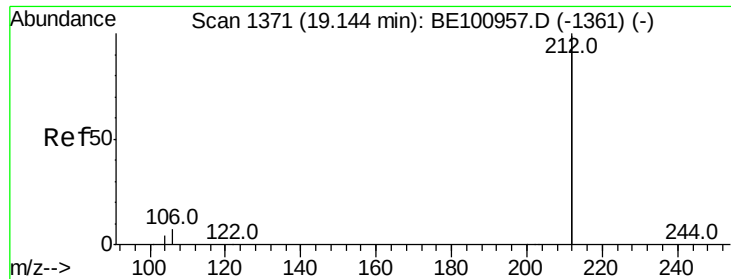


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.201 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BE100956.D

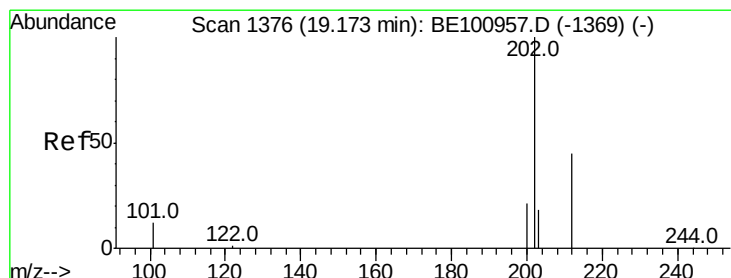
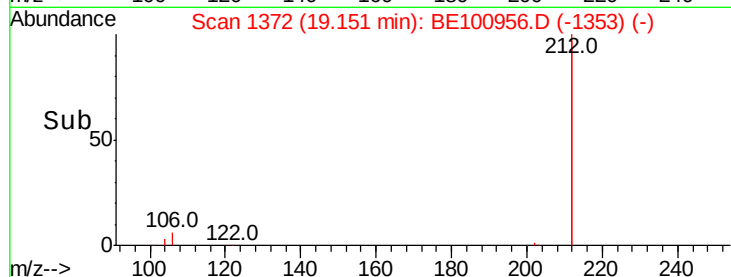
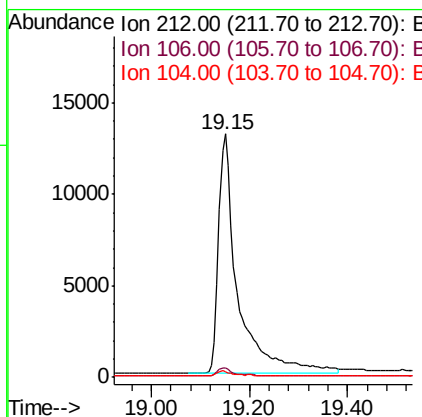
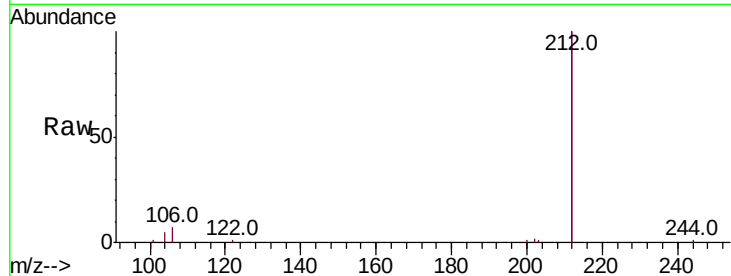
Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	36437
Ion Ratio	Lower	Upper
212	100	
106	3.2	2.6 3.8
104	1.6	1.4 2.2



#26

Fluoranthene

Concen: 0.182 ng

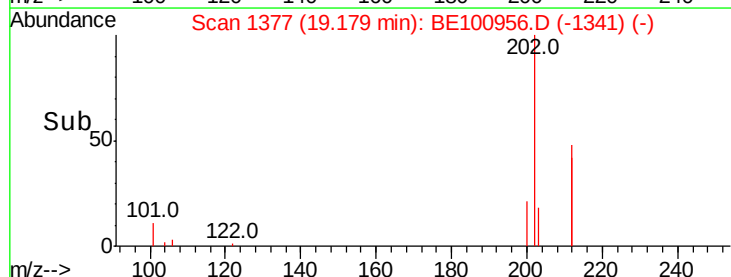
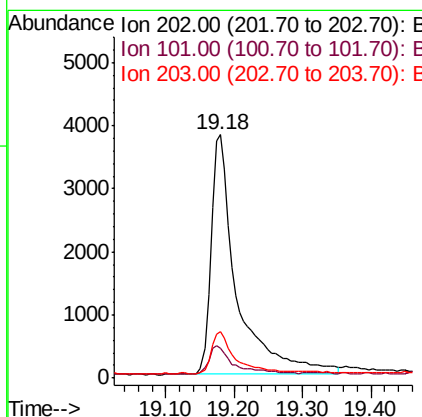
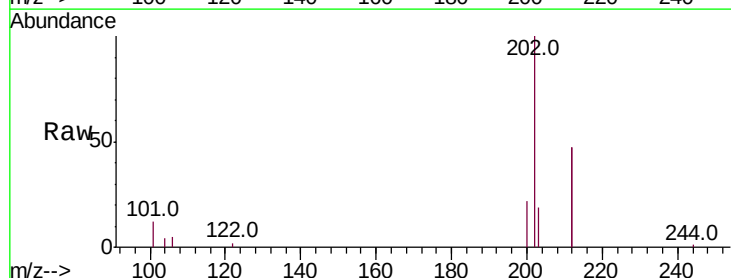
RT: 19.18 min Scan# 1377

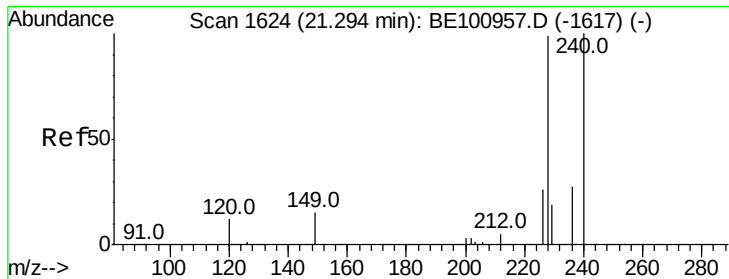
Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Tgt Ion:202	Resp:	10108
Ion Ratio	Lower	Upper
202	100	
101	11.3	9.0 13.6
203	16.4	13.4 20.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

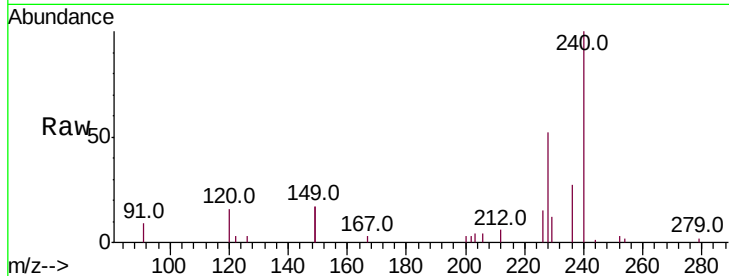
Tot Ion:240 Resp: 15847

Ion Ratio Lower Upper

240 100

120 15.8 11.5 17.3

236 27.4 22.8 34.2

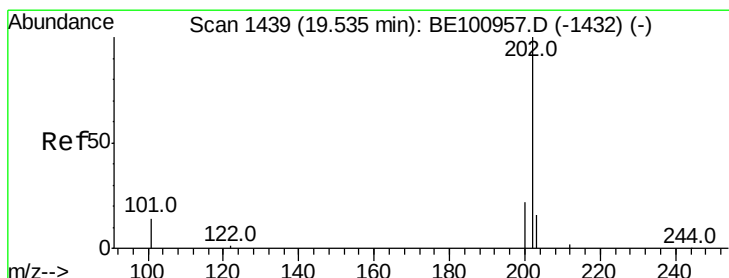
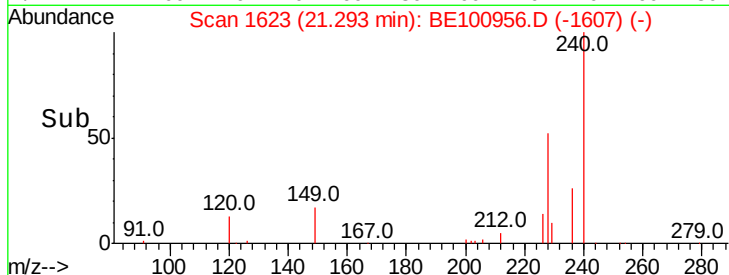
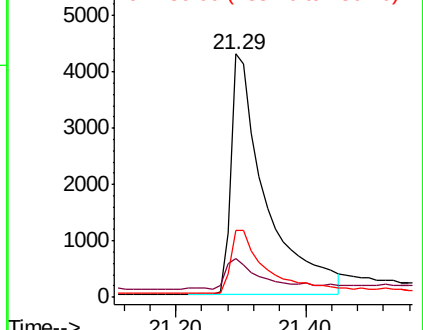


Abundance

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: 0.211 ng

RT: 19.54 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

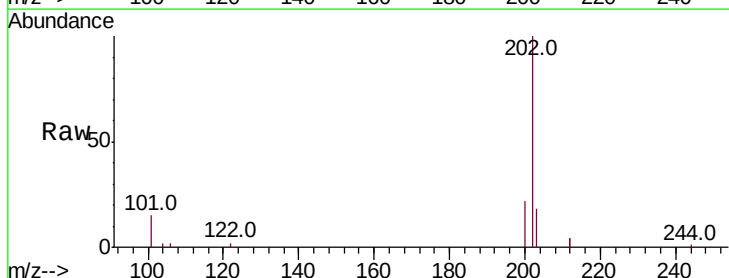
Tgt Ion:202 Resp: 10877

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

203 16.9 13.8 20.8

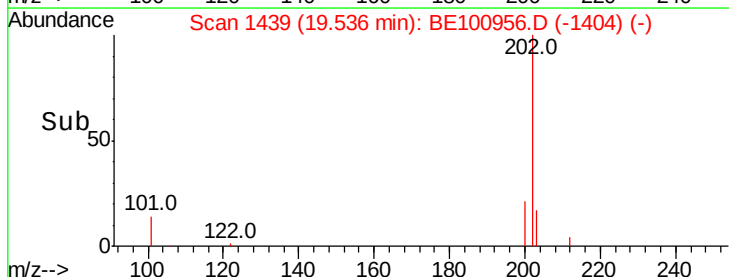
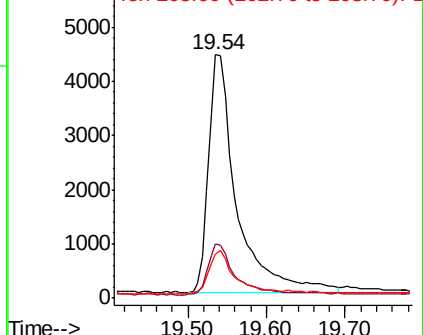


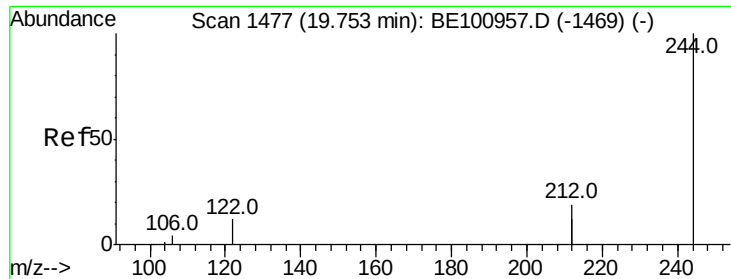
Abundance

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: 0.176 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampled :

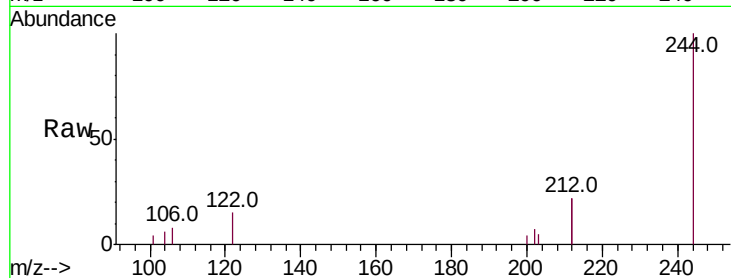
Tot Ion:244 Resp: 6672

Ion Ratio Lower Upper

244 100

212 43.6 30.2 45.2

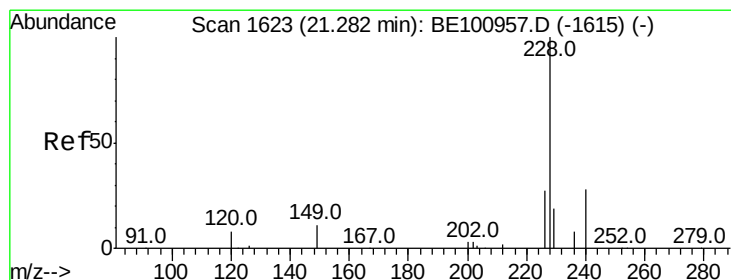
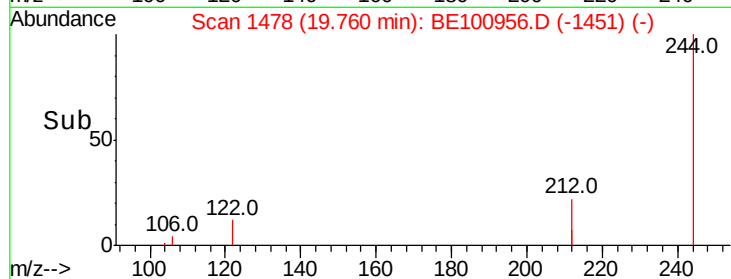
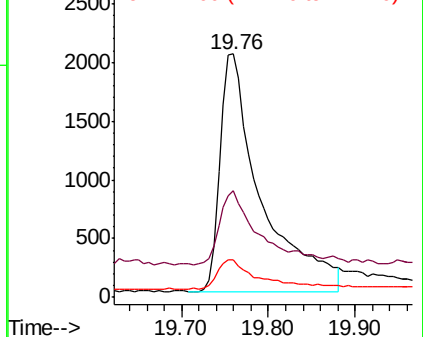
122 15.5 10.7 16.1



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: 0.133 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

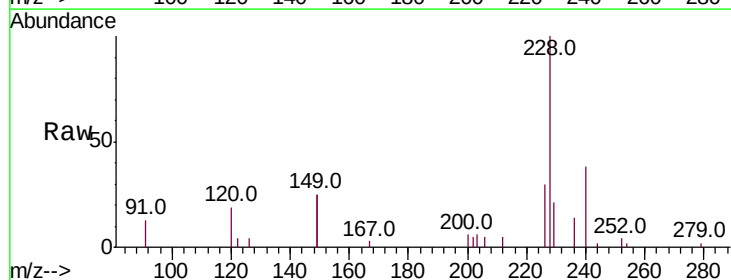
Tgt Ion:228 Resp: 6223

Ion Ratio Lower Upper

228 100

226 29.6 21.9 32.9

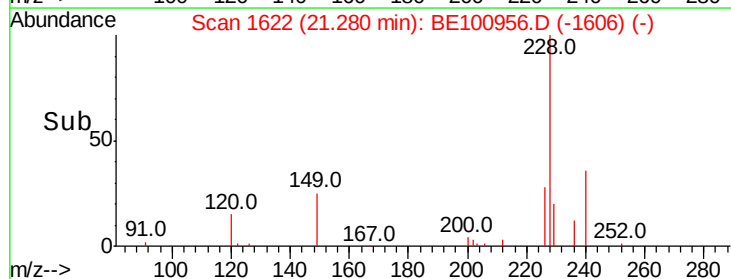
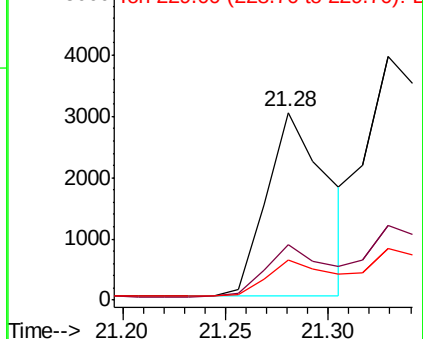
229 21.5 15.9 23.9

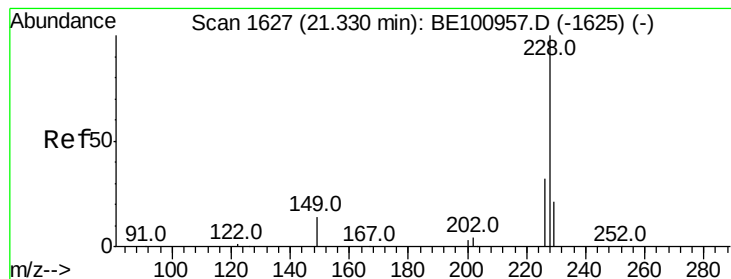


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.187 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

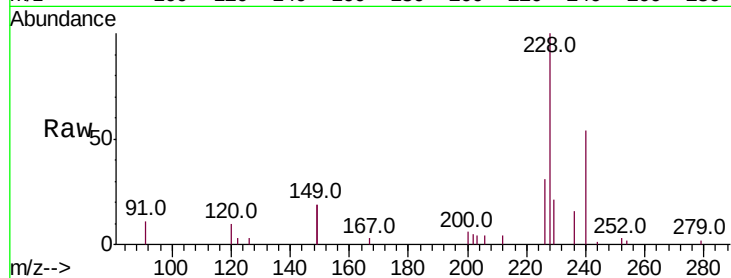
Tot Ion:228 Resp: 10242

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

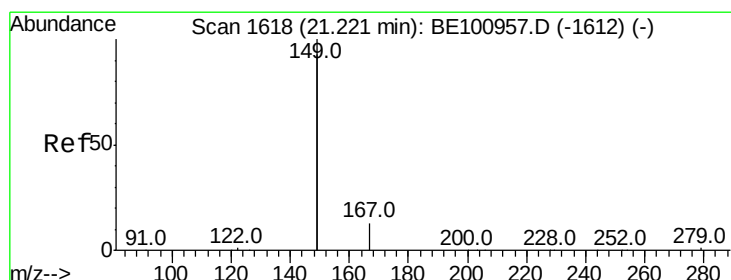
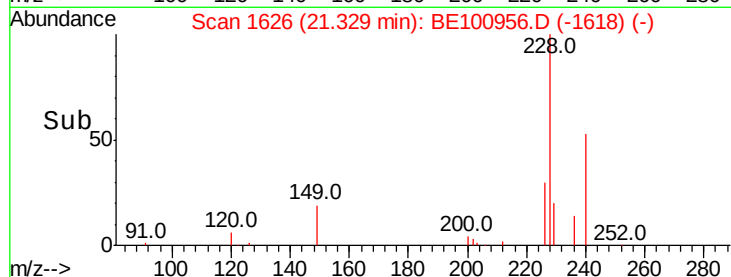
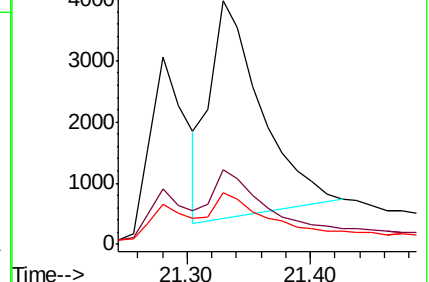
229 21.0 16.6 24.8



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: 0.554 ng

RT: 21.22 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

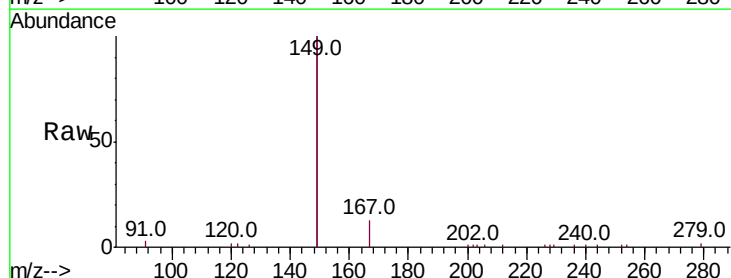
Tgt Ion:149 Resp: 23441

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

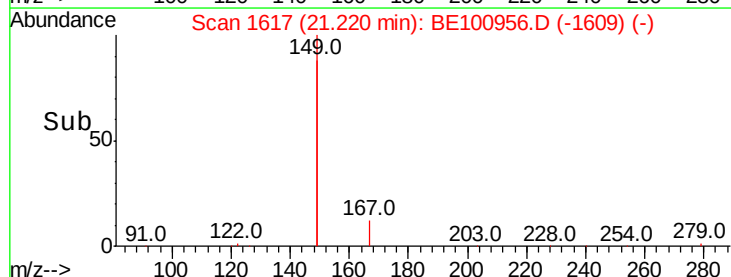
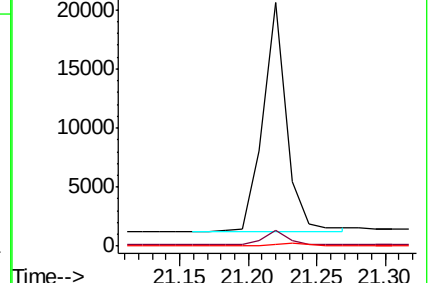
279 0.9 0.7 1.1

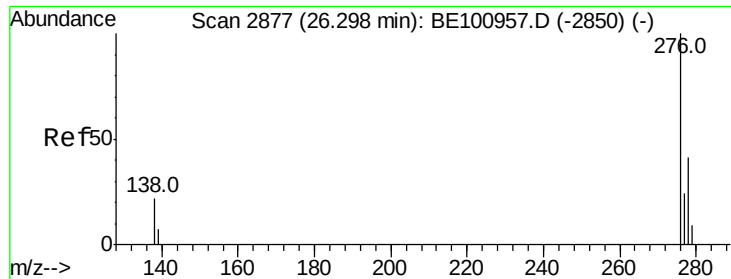


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.213 ng

RT: 26.30 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

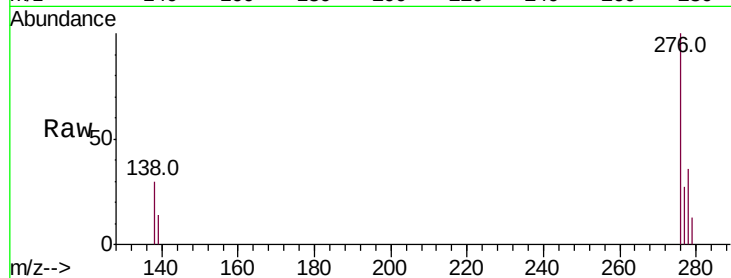
Tot Ion:276 Resp: 10206

Ion Ratio Lower Upper

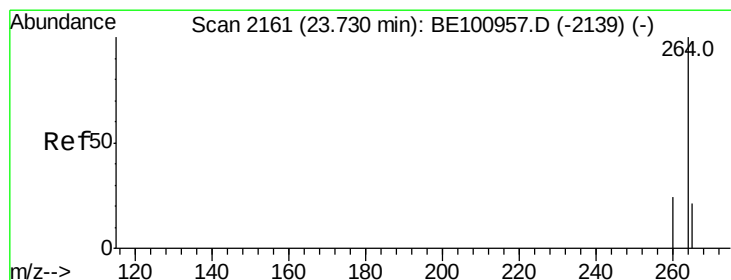
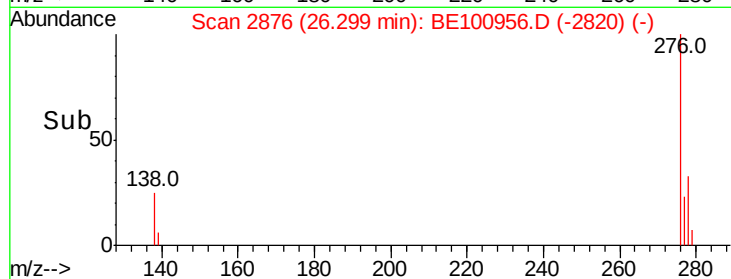
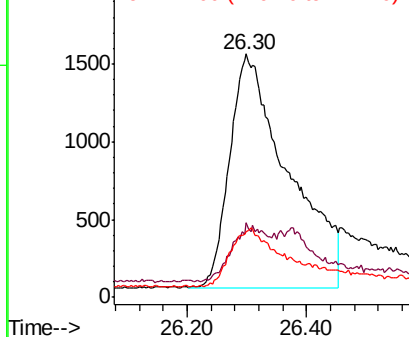
276 100

138 8.3 9.0 13.4#

277 21.8 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# 2161

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

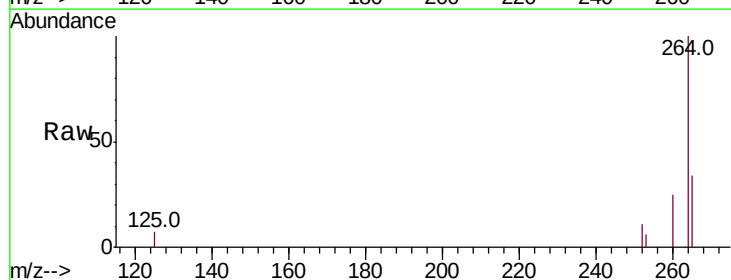
Tgt Ion:264 Resp: 21199

Ion Ratio Lower Upper

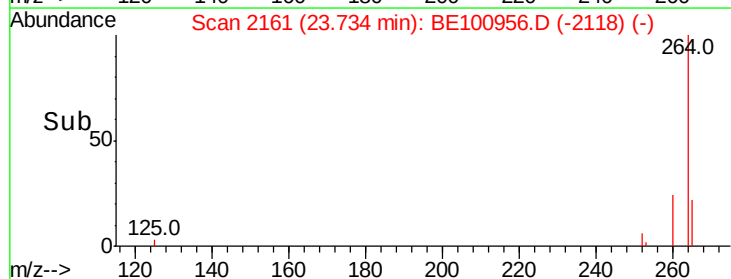
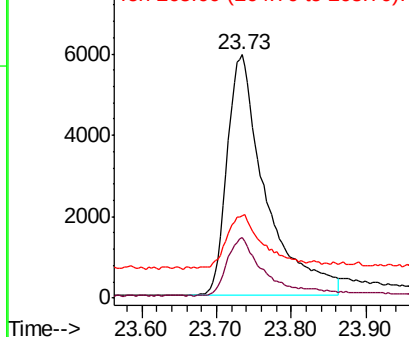
264 100

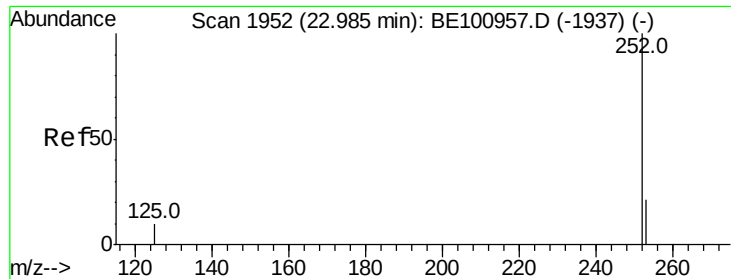
260 24.7 19.4 29.2

265 34.0 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

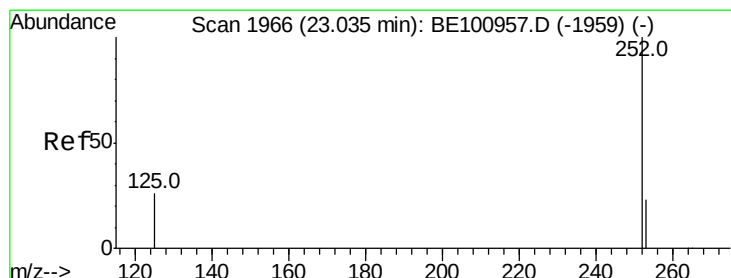
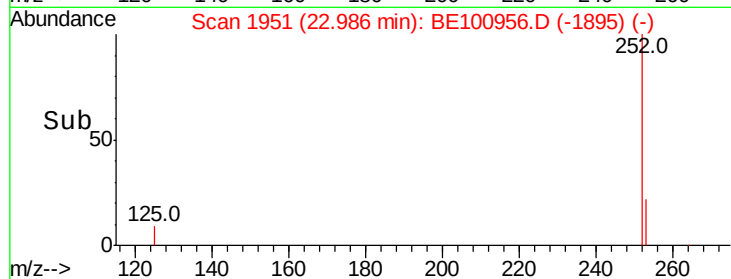
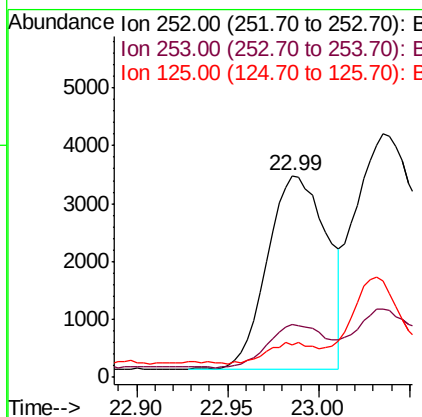
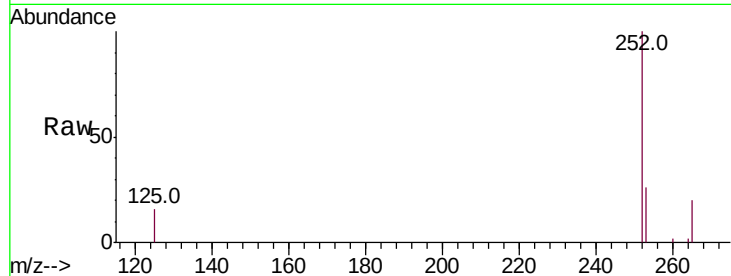




#35
Benzo(b)fluoranthene
Concen: 0.131 ng
RT: 22.99 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

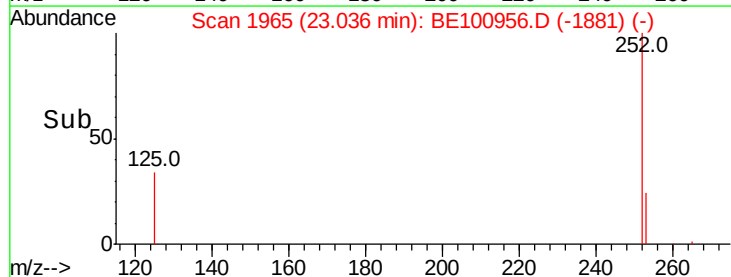
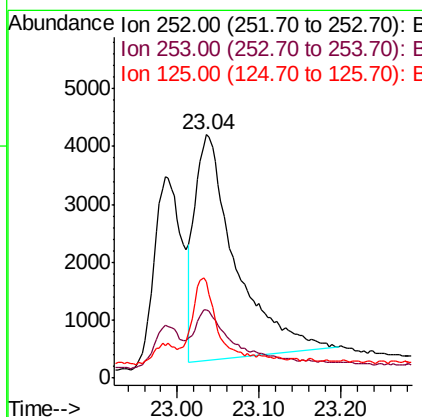
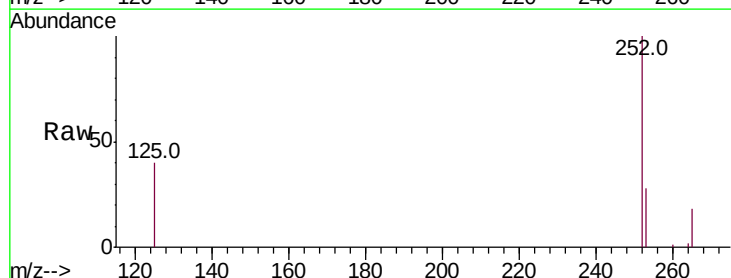
Instrument :
BNA_E
ClientSampleId :

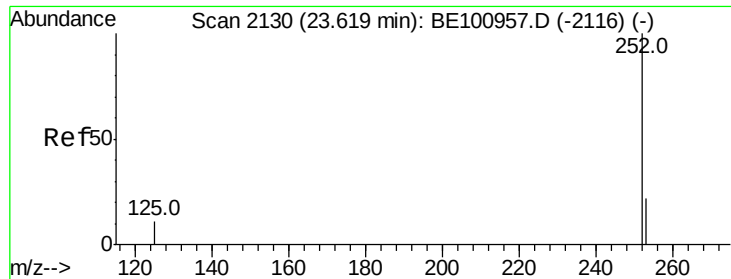
Tot Ion:252 Resp: 7592
Ion Ratio Lower Upper
252 100
253 26.1 18.6 27.8
125 15.9 10.2 15.2#



#36
Benzo(k)fluoranthene
Concen: 0.208 ng
RT: 23.04 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE100956.D
Acq: 19 Dec 2019 21:27

Tgt Ion:252 Resp: 13529
Ion Ratio Lower Upper
252 100
253 27.9 19.2 28.8
125 39.7 17.9 26.9#





#37

Benzo(a)pyrene

Concen: 0.199 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :

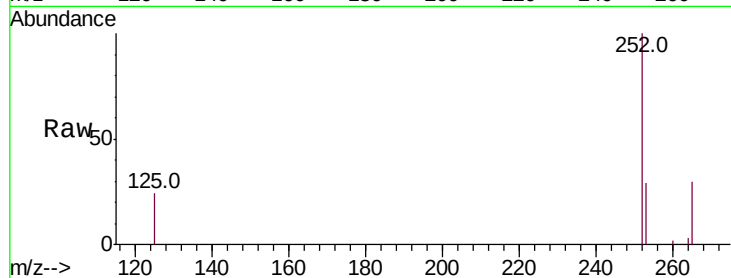
Tot Ion:252 Resp: 10023

Ion Ratio Lower Upper

252 100

253 28.5 19.9 29.9

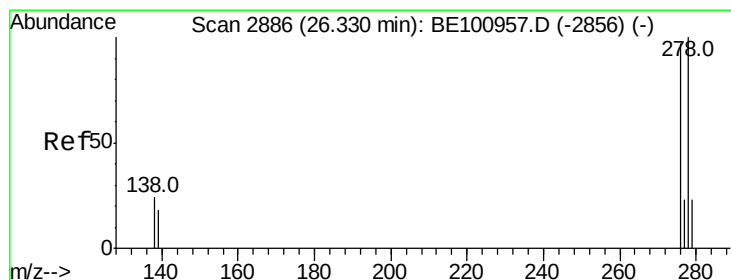
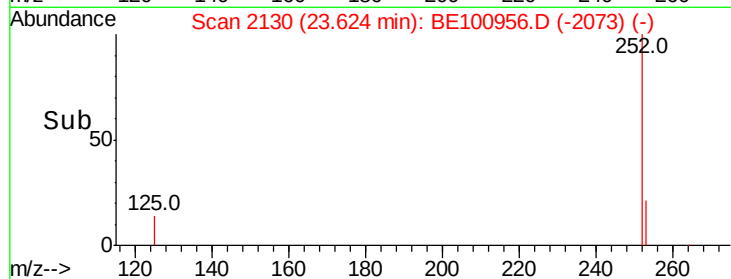
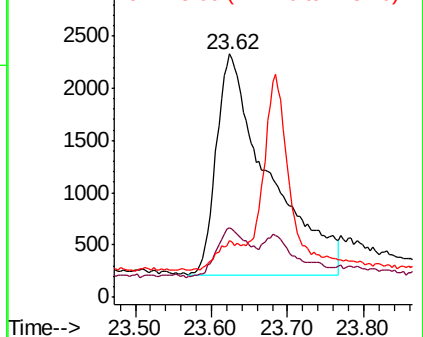
125 23.5 12.3 18.5#



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: 0.119 ng

RT: 26.33 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

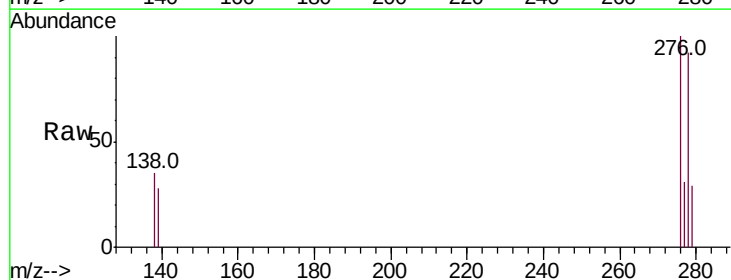
Tgt Ion:278 Resp: 5949

Ion Ratio Lower Upper

278 100

139 30.7 17.0 25.6#

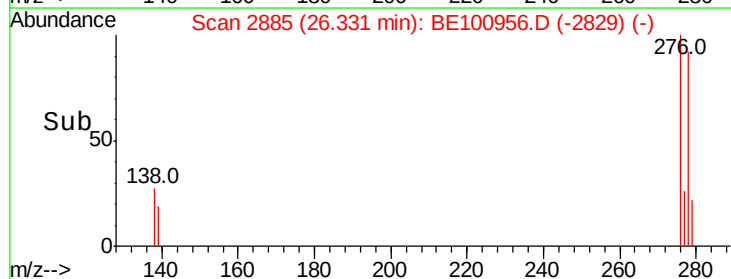
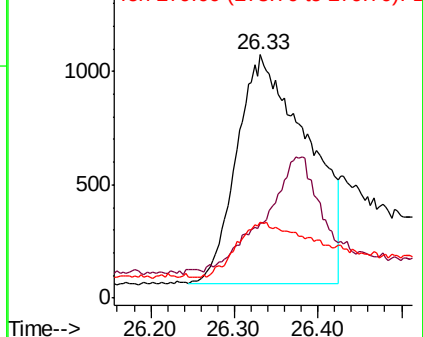
279 31.1 21.1 31.7

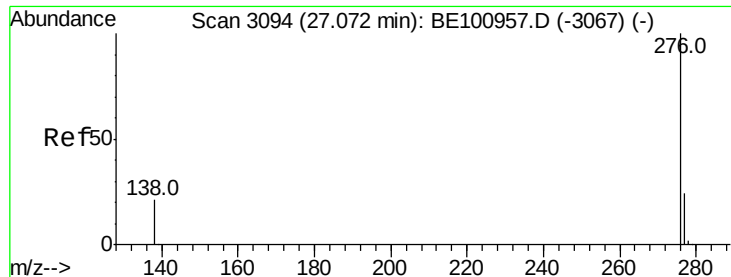


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.184 ng

RT: 27.08 min Scan# 3094

Delta R.T. 0.00 min

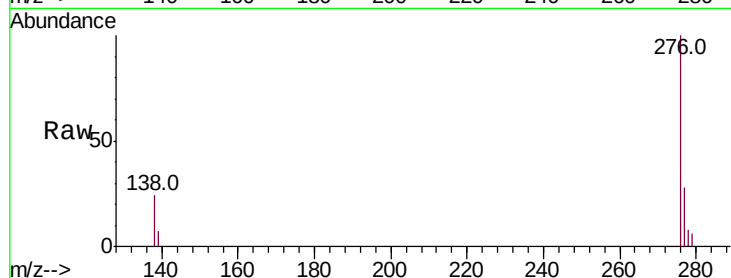
Lab File: BE100956.D

Acq: 19 Dec 2019 21:27

Instrument :

BNA_E

ClientSampleId :



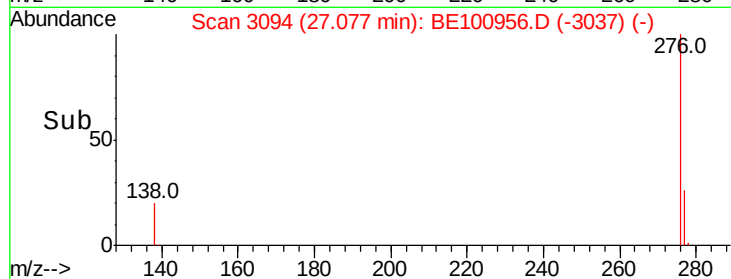
Tot Ion:276 Resp: 9825

Ion Ratio Lower Upper

276 100

277 28.2 19.9 29.9

138 24.3 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

