

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100953.D
 Acq On : 19 Dec 2019 19:37
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:34:02 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	2703	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13647	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	8563	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	18991	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	21265	0.40	ng	0.00
34) Perylene-d12	23.73	264	24752	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	17599	2.74	ng	0.00
5) Phenol-d6	6.93	99	27652	2.86	ng	-0.04
8) Nitrobenzene-d5	8.89	82	32069	4.93	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	66578	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	9825	10.32	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	99543	2.93	ng	-0.02
25) Fluoranthene-d10	19.14	212	810228	3.61	ng	0.00
29) Terphenyl-d14	19.75	244	163507	3.21	ng	0.00

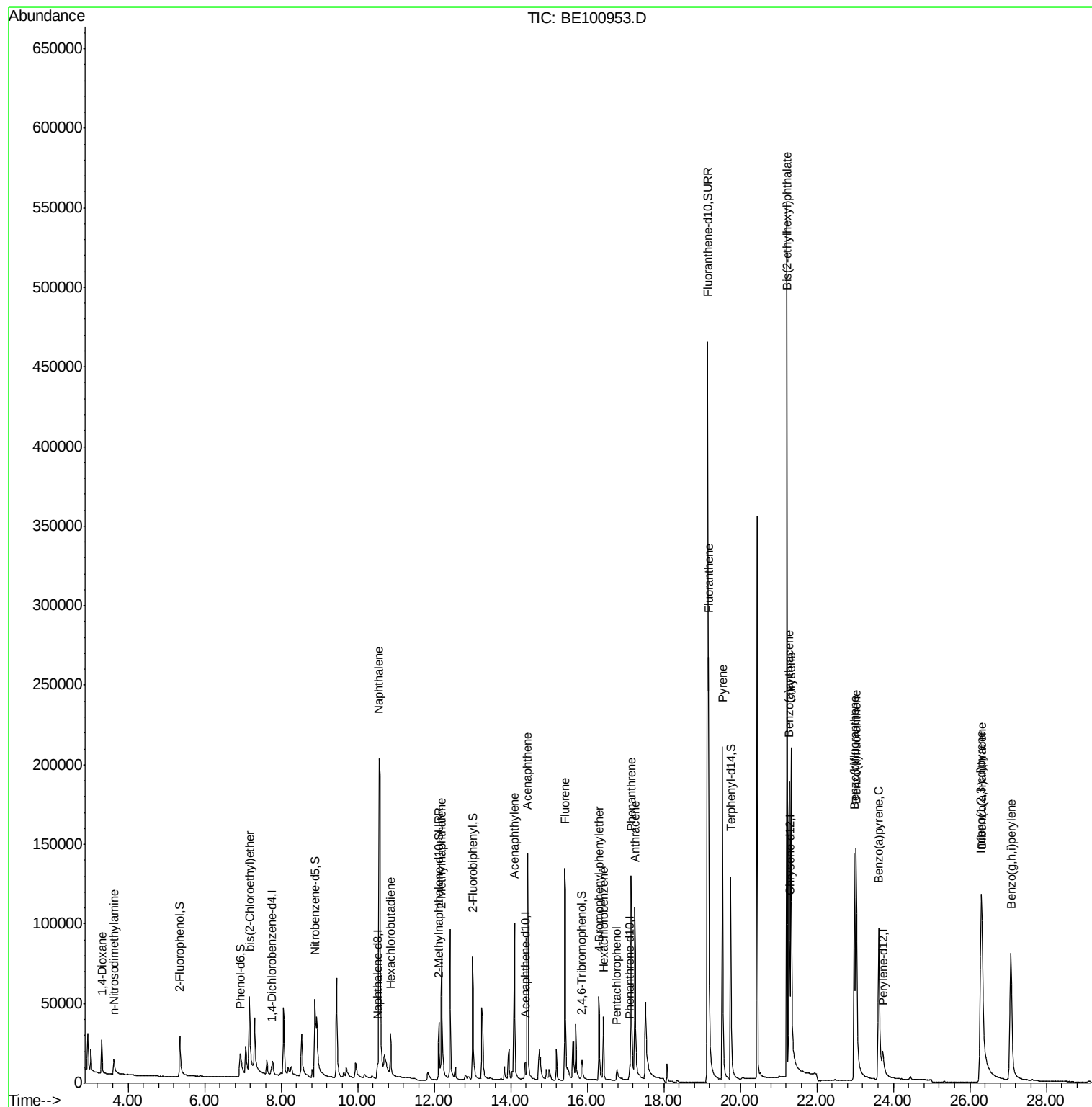
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	17469	3.545	ng	# 72
3) n-Nitrosodimethylamine	3.62	42	11997	2.991	ng	# 73
6) bis(2-Chloroethyl)ether	7.17	93	31751	3.393	ng	98
9) Naphthalene	10.56	128	472695	3.260	ng	99
10) Hexachlorobutadiene	10.86	225	18254	3.228	ng	98
12) 2-Methylnaphthalene	12.19	142	73717	3.256	ng	97
16) Acenaphthylene	14.10	152	126251	3.564	ng	98
17) Acenaphthene	14.44	154	80285	3.288	ng	98
18) Fluorene	15.41	166	105634	3.355	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	30532	3.277	ng	# 84
21) Hexachlorobenzene	16.43	284	31550	3.117	ng	98
22) Pentachlorophenol	16.77	266	6826	9.749	ng	# 75
23) Phenanthrene	17.15	178	178312	3.100	ng	100
24) Anthracene	17.24	178	148271	3.082	ng	99
26) Fluoranthene	19.17	202	237269	3.456	ng	99
28) Pyrene	19.53	202	242175	3.505	ng	99
30) Benzo(a)anthracene	21.28	228	210888	3.365	ng	99
31) Chrysene	21.33	228	226721	3.078	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	572084	10.070	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	252326	3.933	ng	# 59
35) Benzo(b)fluoranthene	22.98	252	209865	3.097	ng	96
36) Benzo(k)fluoranthene	23.03	252	294202	3.871	ng	# 87
37) Benzo(a)pyrene	23.62	252	212817	3.627	ng	# 93
38) Dibenzo(a,h)anthracene	26.31	278	198677	3.404	ng	# 92
39) Benzo(g,h,i)perylene	27.07	276	222984	3.573	ng	97

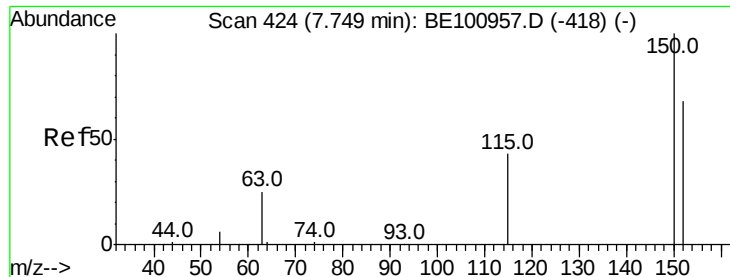
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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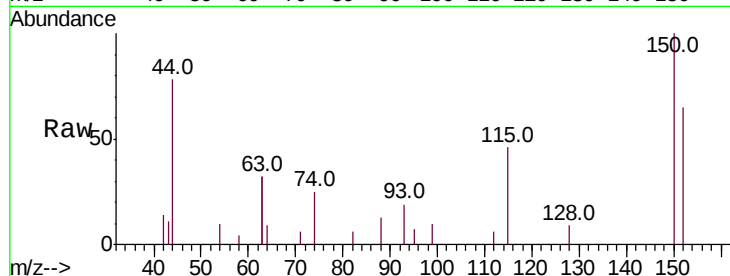


#1

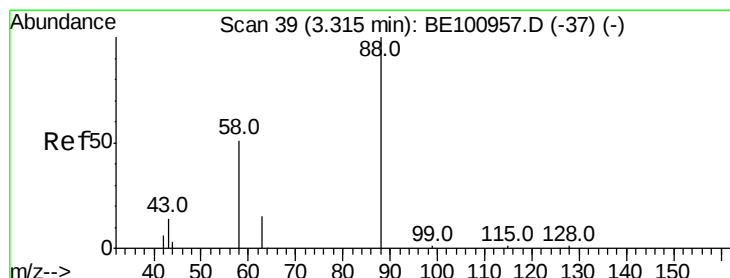
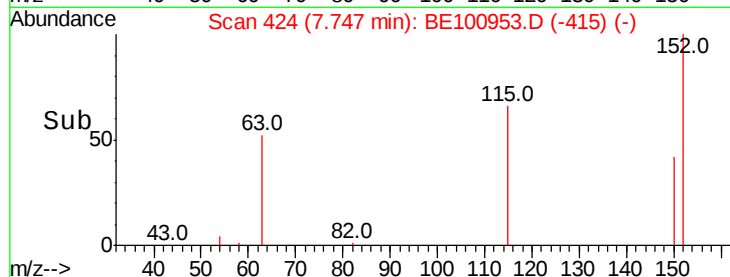
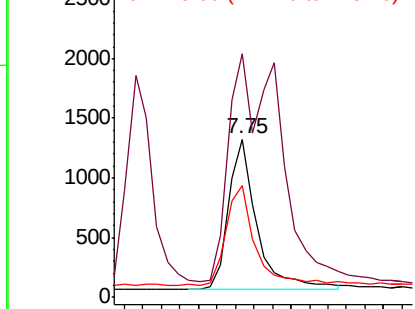
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2703
Ion Ratio Lower Upper
152 100
150 154.1 116.7 175.1
115 70.4 55.7 83.5



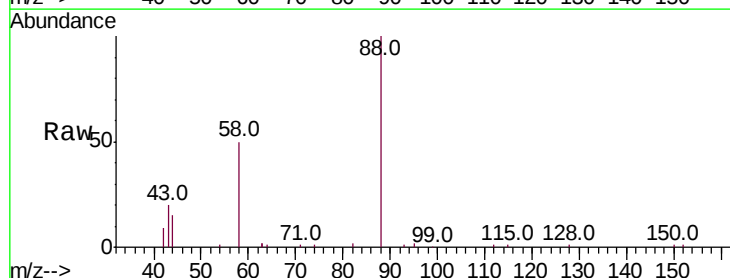
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



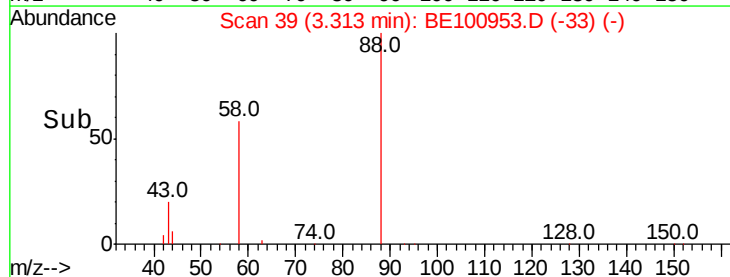
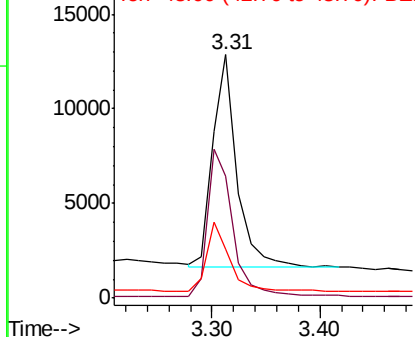
#2

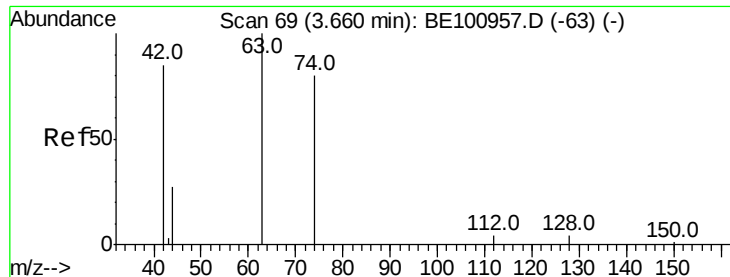
1,4-Dioxane
Concen: 3.545 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion: 88 Resp: 17469
Ion Ratio Lower Upper
88 100
58 73.4 38.6 57.8#
43 30.7 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: 2.991 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.04 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

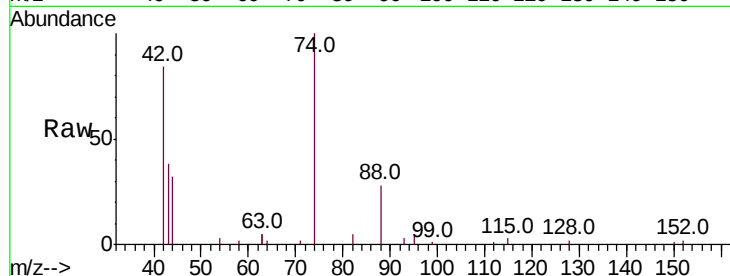
Tot Ion: 42 Resp: 11997

Ion Ratio Lower Upper

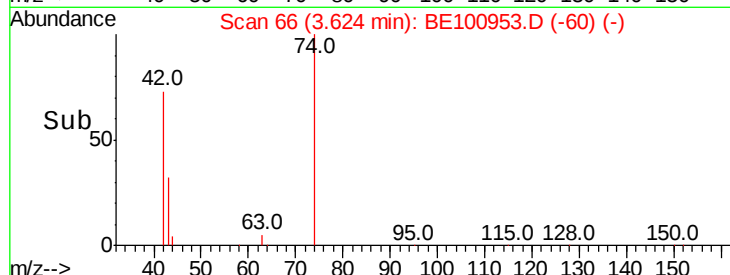
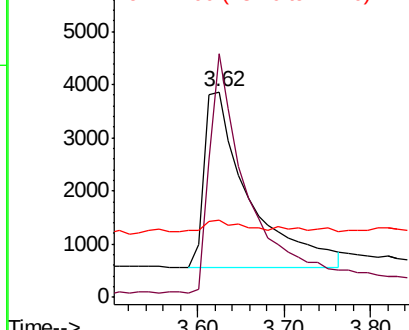
42 100

74 123.4 77.8 116.6#

44 4.9 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: 2.744 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

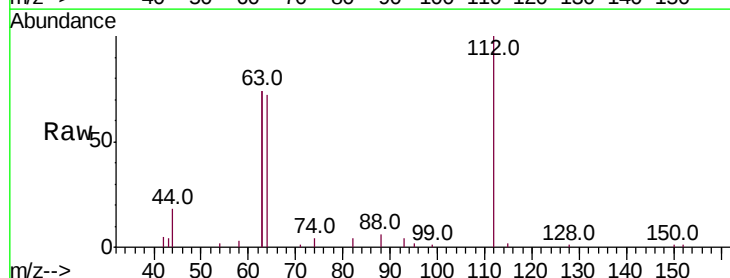
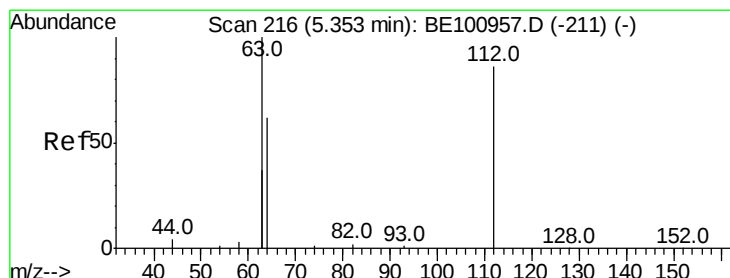
Tgt Ion: 112 Resp: 17599

Ion Ratio Lower Upper

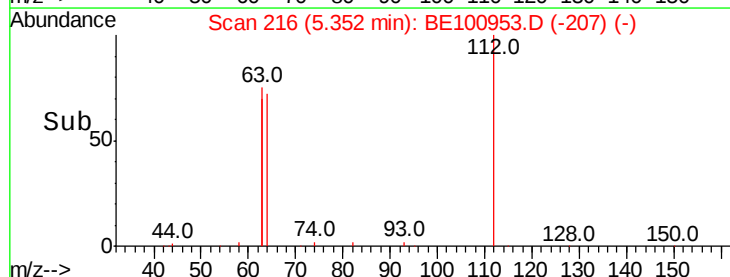
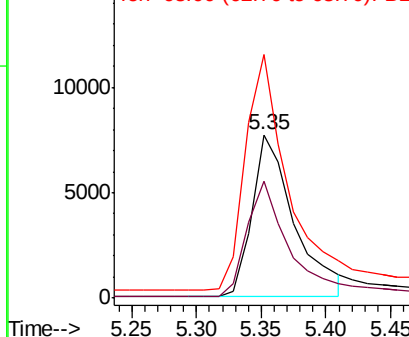
112 100

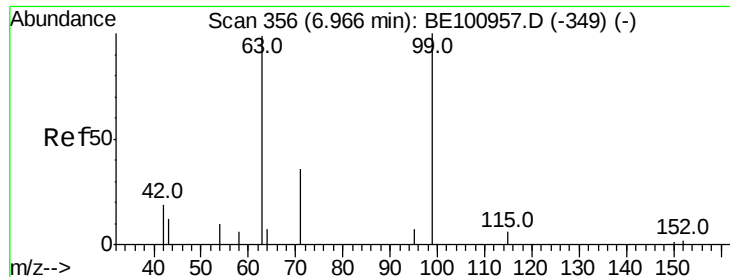
64 69.7 58.6 88.0

63 146.1 121.0 181.6



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: 2.856 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.04 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampled :

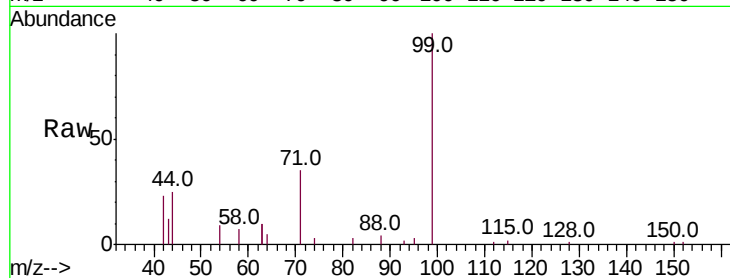
Tot Ion: 99 Resp: 27652

Ion Ratio Lower Upper

99 100

42 20.9 10.2 15.2#

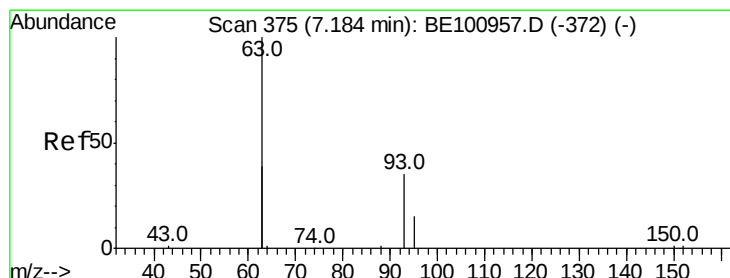
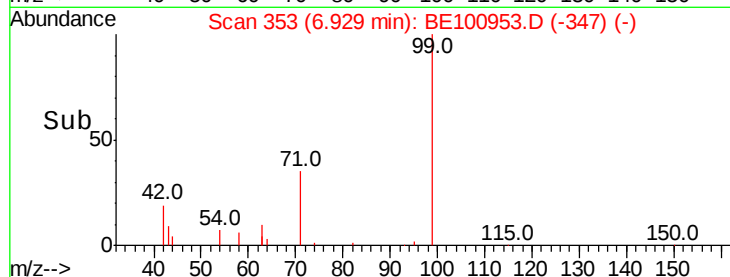
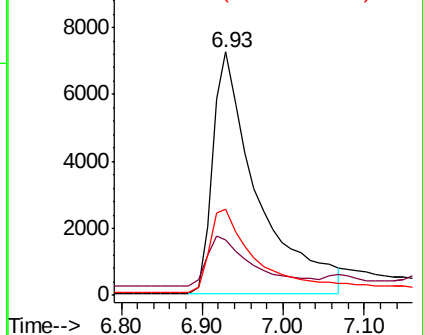
71 36.0 0.0 0.0#



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: 3.393 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

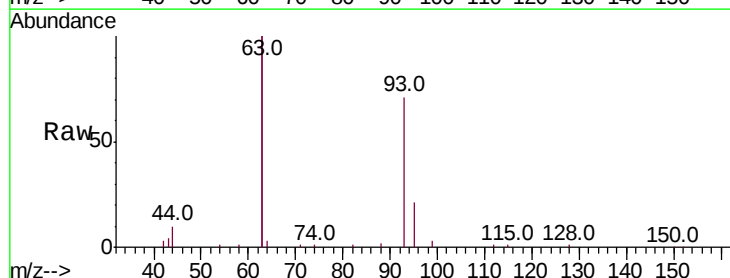
Tgt Ion: 93 Resp: 31751

Ion Ratio Lower Upper

93 100

63 263.6 209.4 314.2

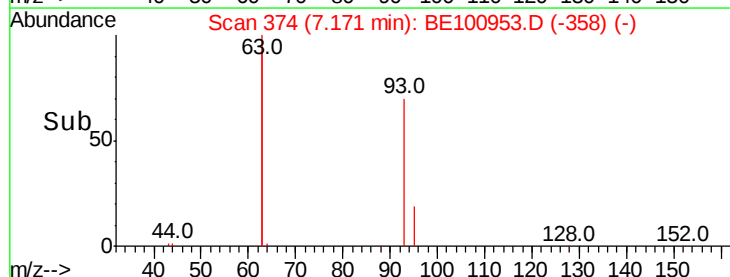
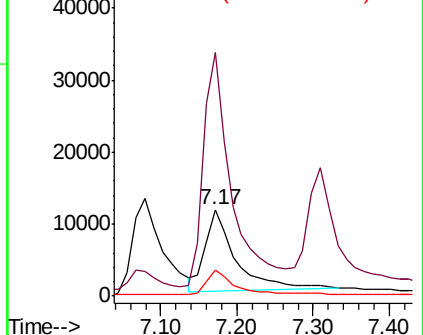
95 29.4 28.6 42.8

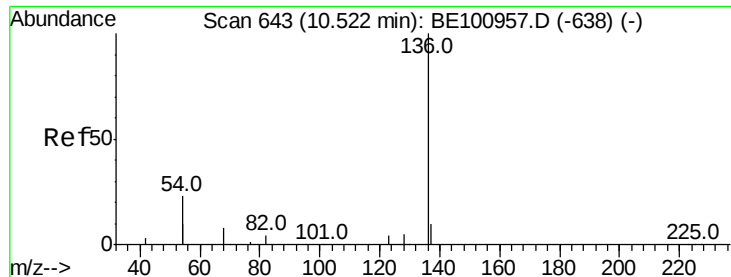


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13647

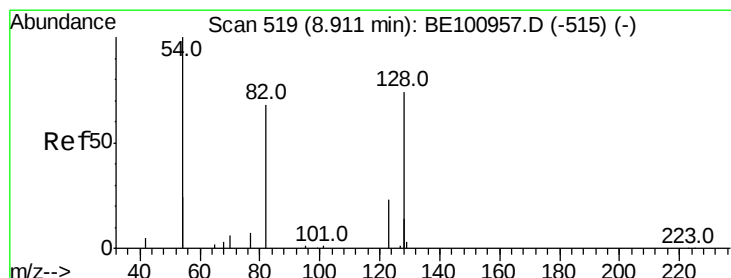
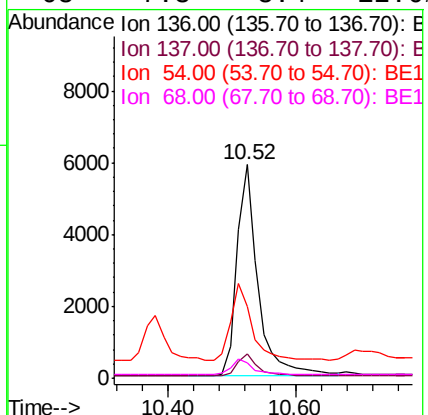
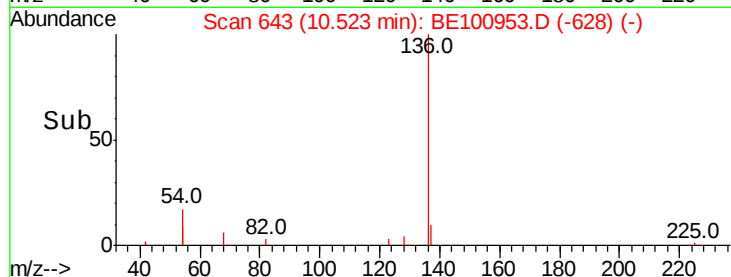
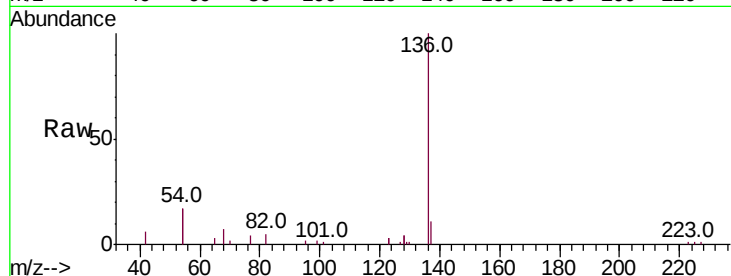
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 33.5 36.2 54.4#

68 7.3 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 4.935 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

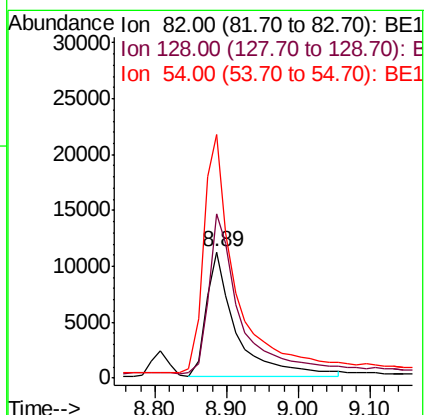
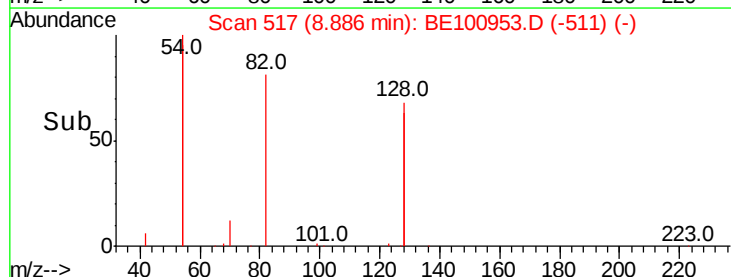
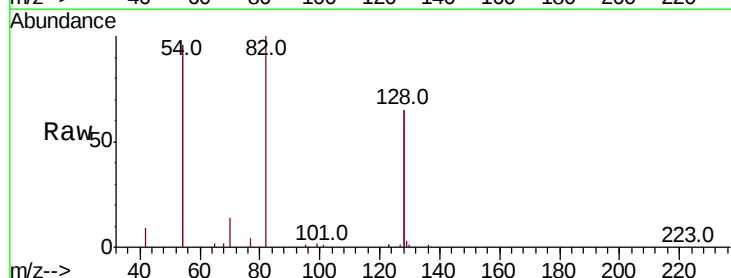
Tgt Ion: 82 Resp: 32069

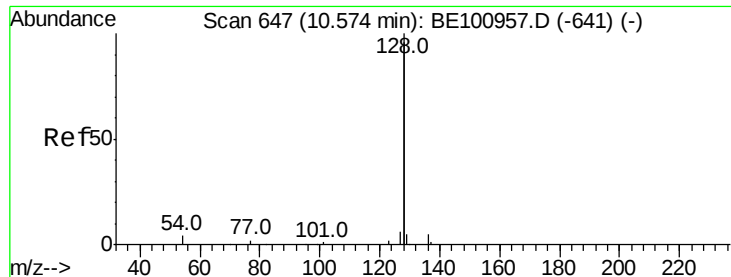
Ion Ratio Lower Upper

82 100

128 130.4 135.0 202.6#

54 192.8 182.6 274.0





#9

Naphthalene

Concen: 3.260 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

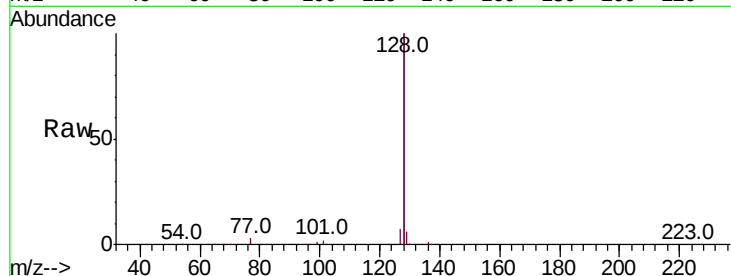
Tot Ion:128 Resp: 472695

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

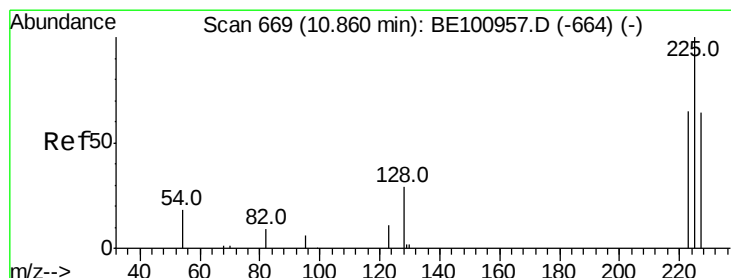
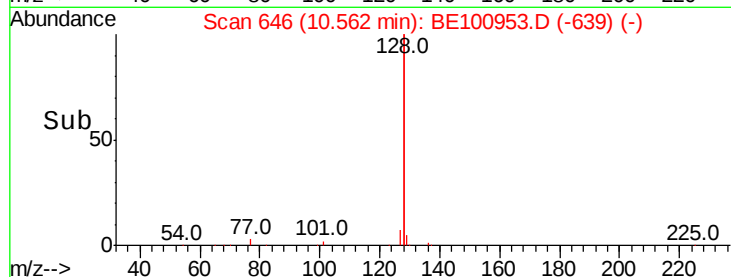
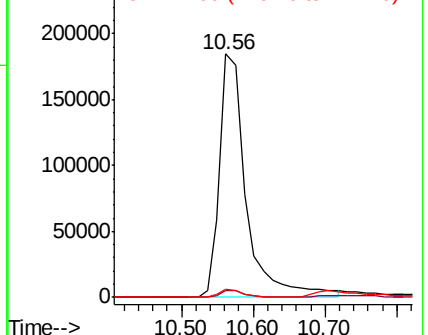
127 3.4 2.7 4.1



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: 3.228 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

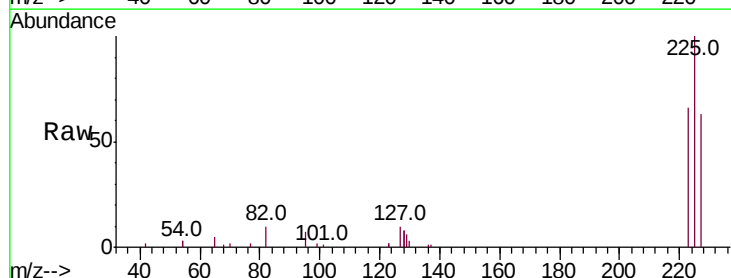
Tgt Ion:225 Resp: 18254

Ion Ratio Lower Upper

225 100

223 63.8 49.4 74.2

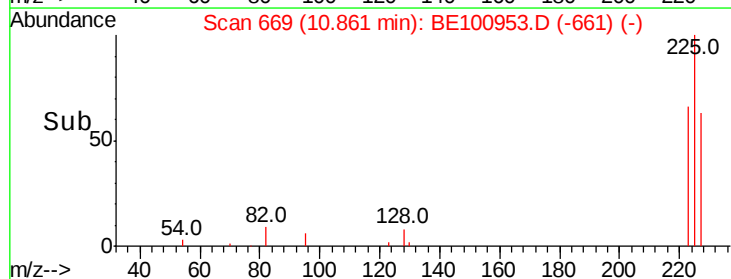
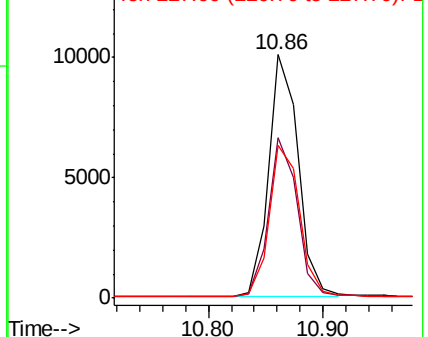
227 64.1 50.3 75.5

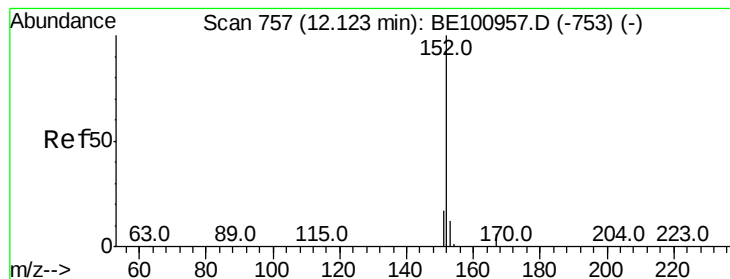


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.367 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

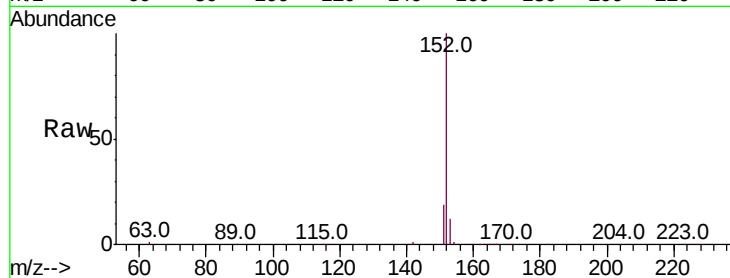
ClientSampleId :

Tot Ion:152 Resp: 66578

Ion Ratio Lower Upper

152 100

151 19.3 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

30000

25000

20000

15000

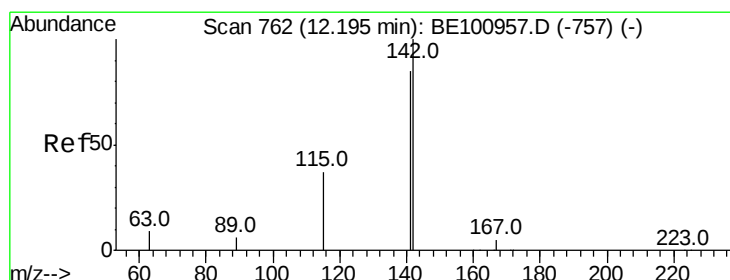
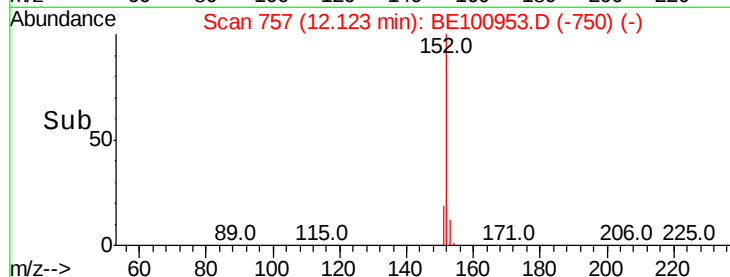
10000

5000

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 3.256 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

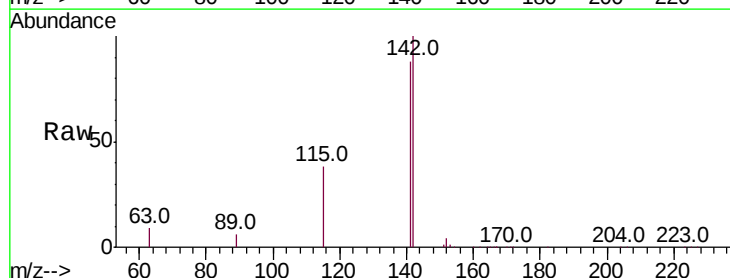
Tgt Ion:142 Resp: 73717

Ion Ratio Lower Upper

142 100

141 87.5 67.8 101.8

115 38.1 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

12.19

40000

30000

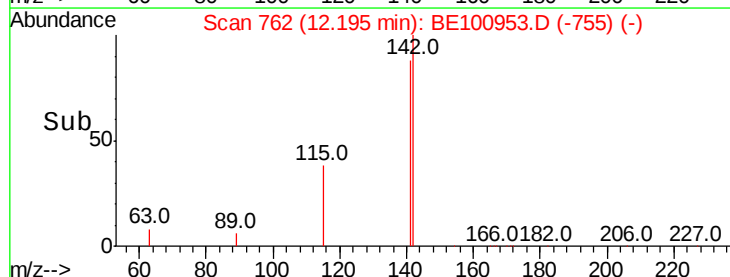
20000

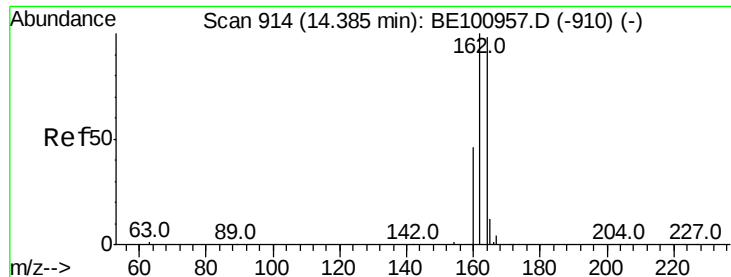
10000

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: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

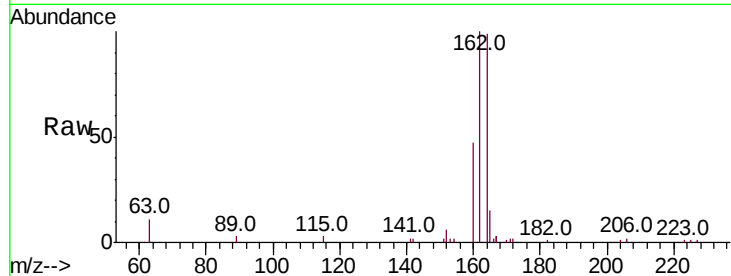
Tot Ion:164 Resp: 8563

Ion Ratio Lower Upper

164 100

162 100.9 81.6 122.4

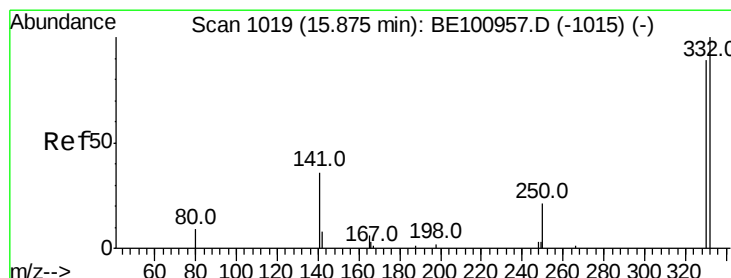
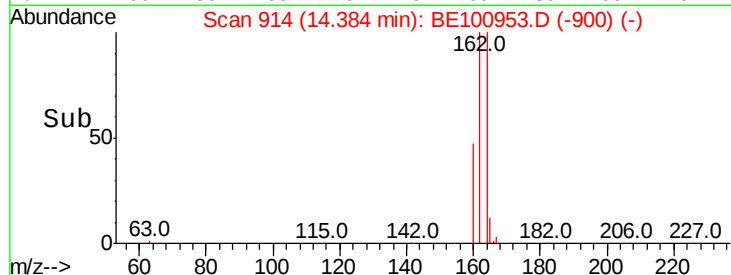
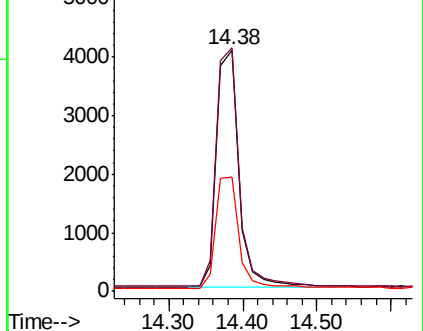
160 47.1 38.5 57.7



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: 10.316 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

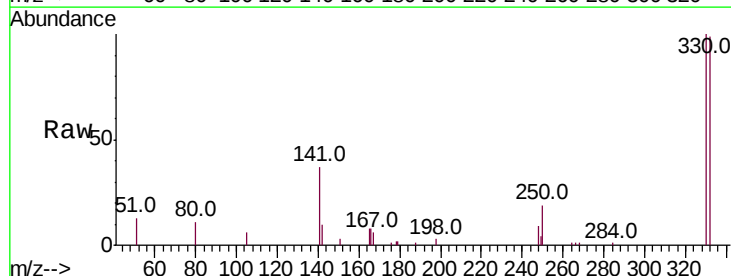
Tgt Ion:330 Resp: 9825

Ion Ratio Lower Upper

330 100

332 96.8 84.2 126.2

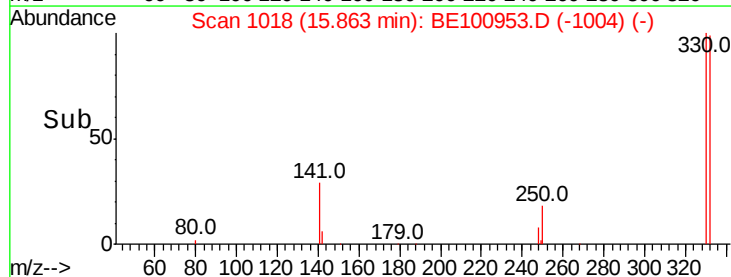
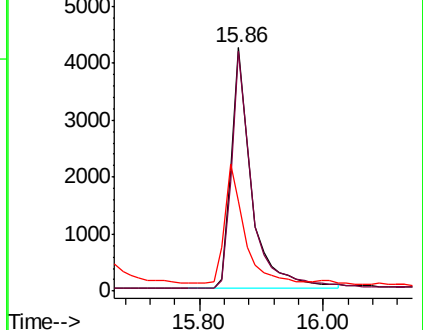
141 46.7 39.3 58.9

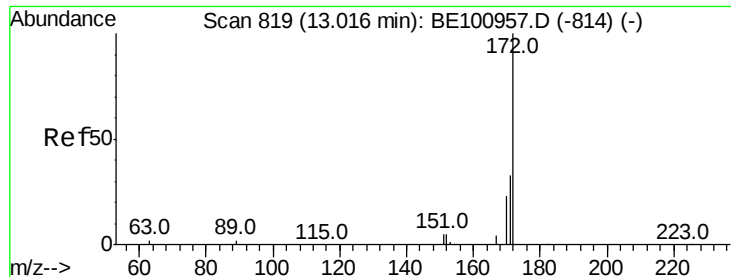


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

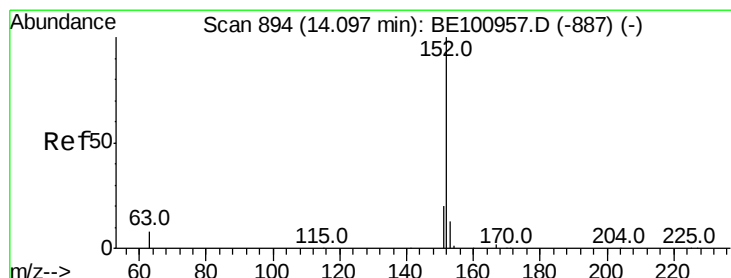
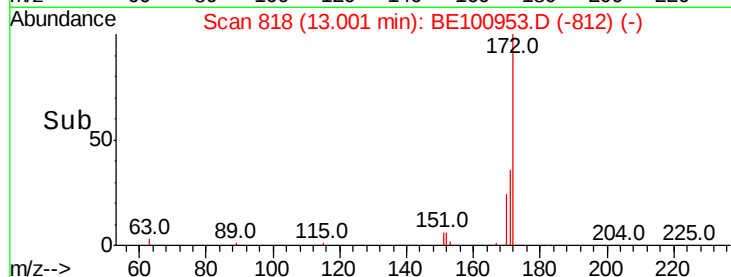
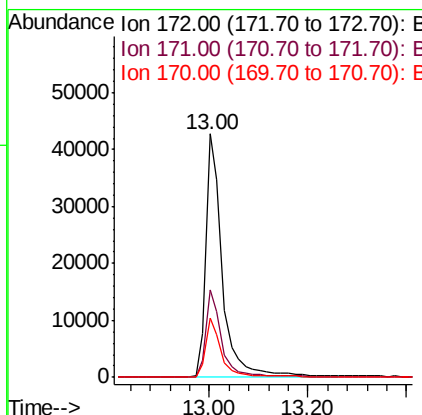
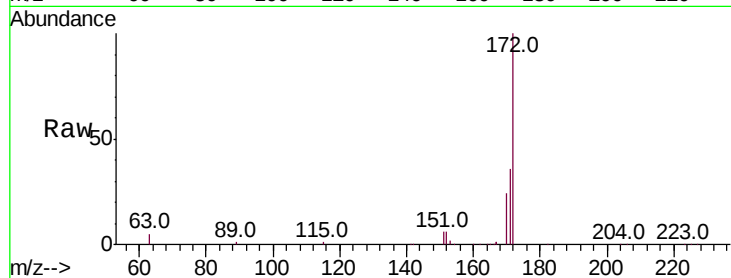




#15
2-Fluorobiphenyl
Concen: 2.931 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

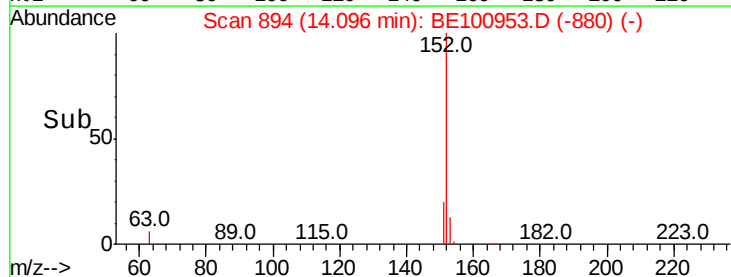
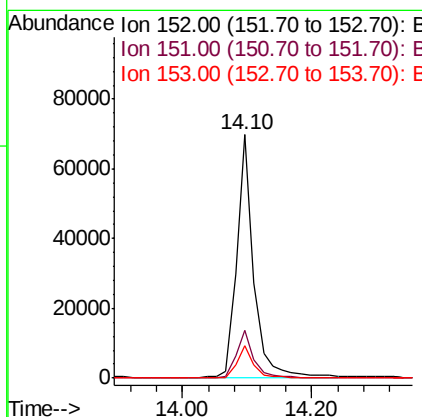
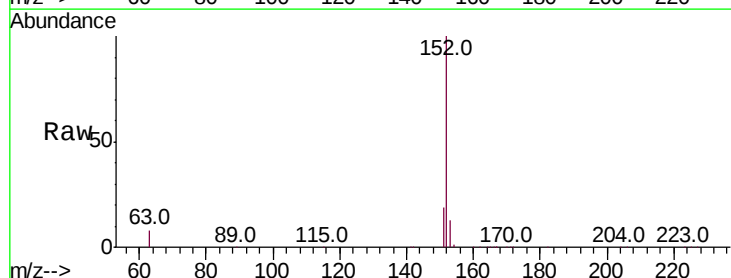
Instrument :
BNA_E
ClientSampled :

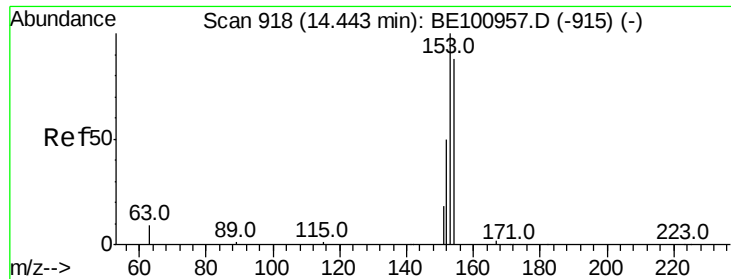
Tot Ion:172 Resp: 99543
Ion Ratio Lower Upper
172 100
171 36.1 27.5 41.3
170 24.4 19.8 29.6



#16
Acenaphthylene
Concen: 3.564 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:152 Resp: 126251
Ion Ratio Lower Upper
152 100
151 19.8 15.0 22.4
153 13.0 10.6 16.0

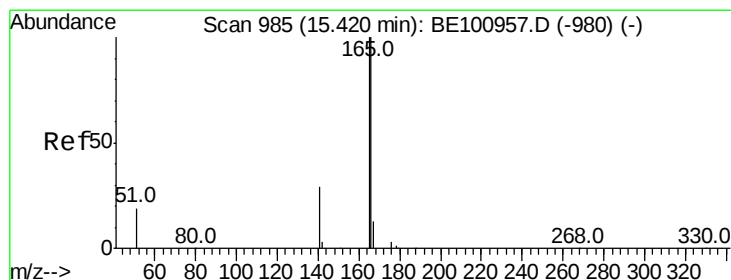
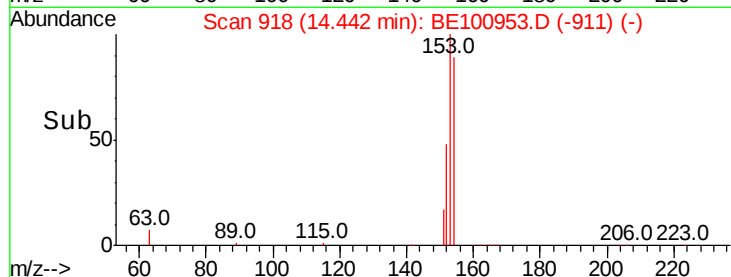
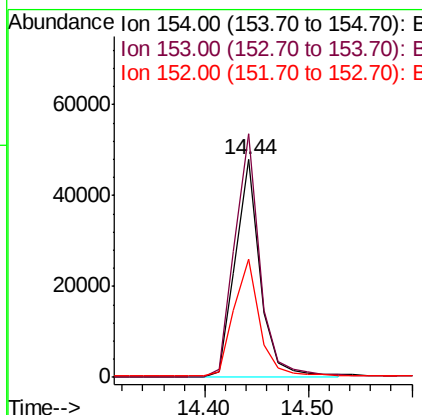
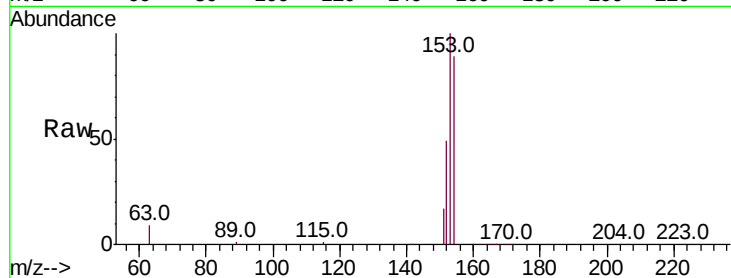




#17
Acenaphthene
Concen: 3.288 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

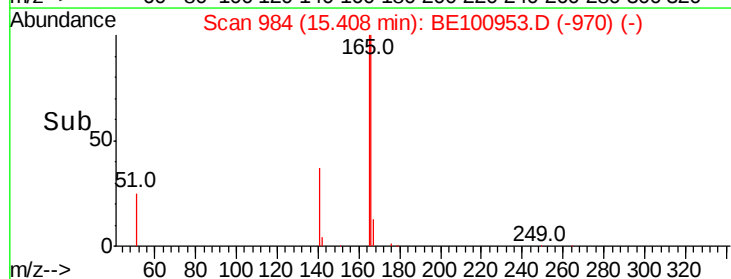
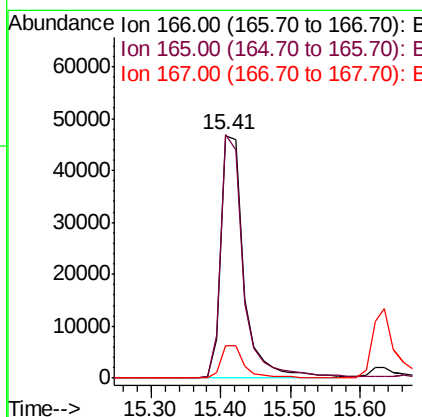
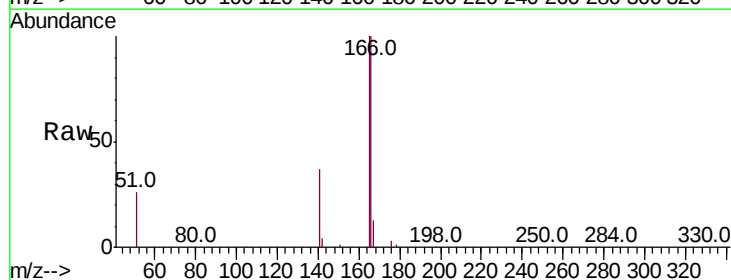
Instrument :
BNA_E
ClientSampleId :

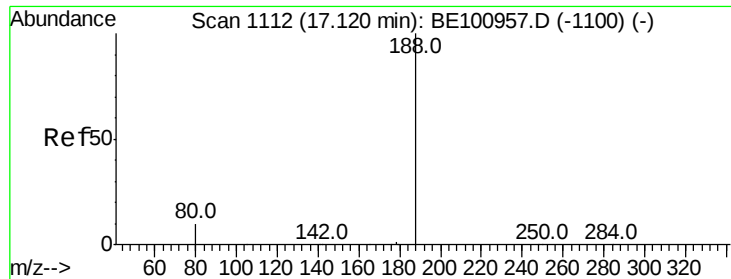
Tot Ion:154 Resp: 80285
Ion Ratio Lower Upper
154 100
153 113.1 92.3 138.5
152 55.7 46.4 69.6



#18
Fluorene
Concen: 3.355 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:166 Resp: 105634
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.4 10.6 16.0

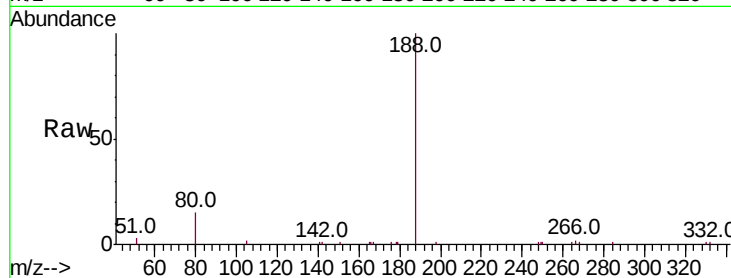




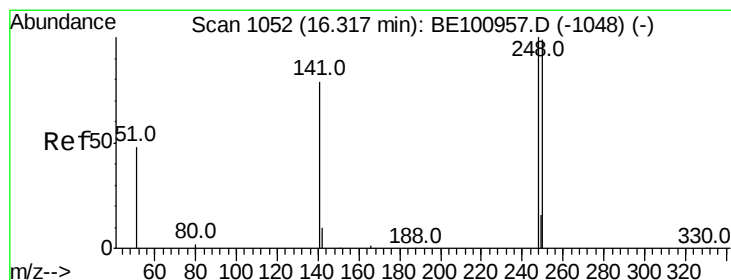
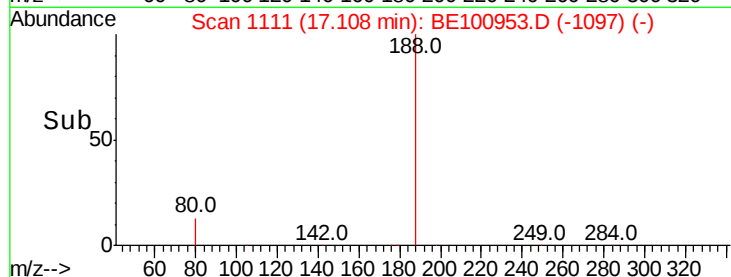
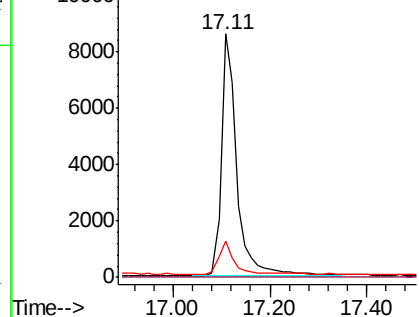
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 18991
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 9.5 14.3#

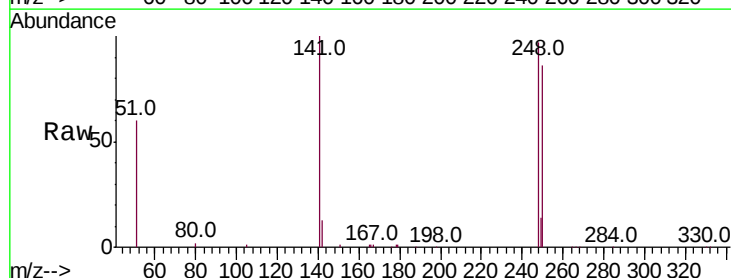


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

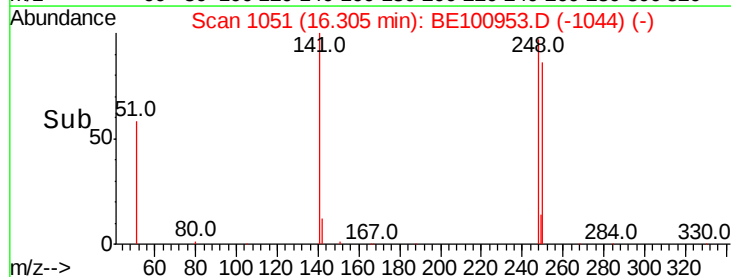
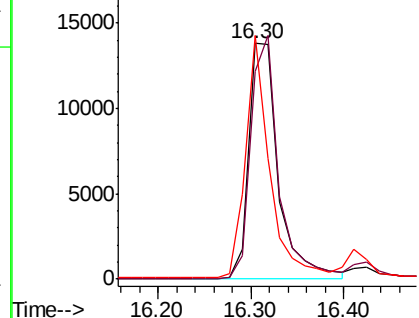


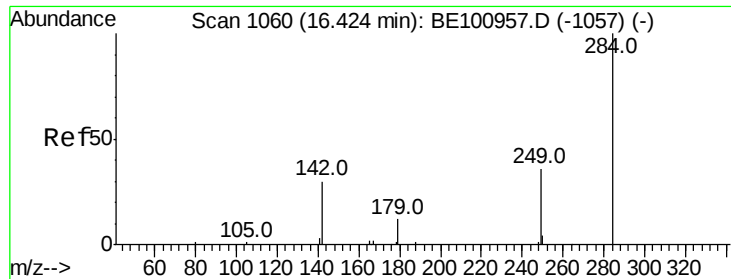
#20
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:248 Resp: 30532
Ion Ratio Lower Upper
248 100
250 88.4 79.5 119.3
141 103.3 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

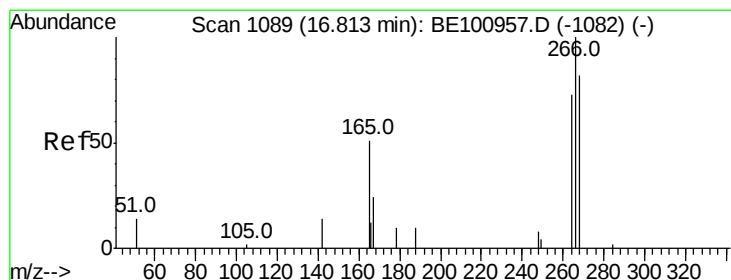
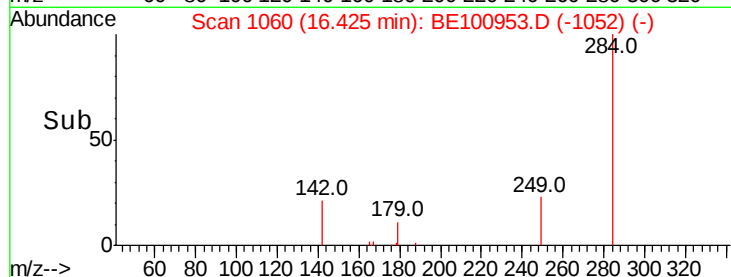
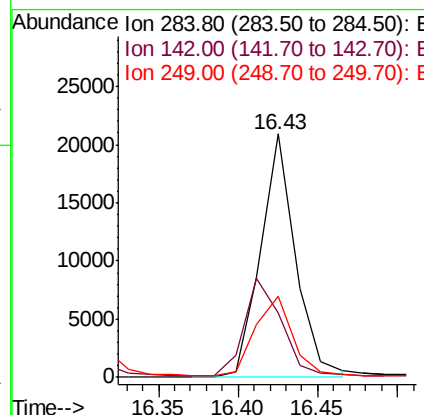
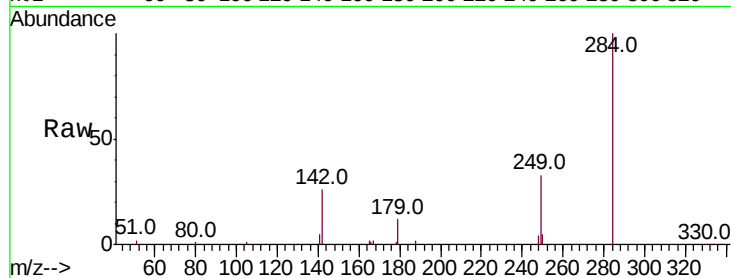




#21
Hexachlorobenzene
Concen: 3.117 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

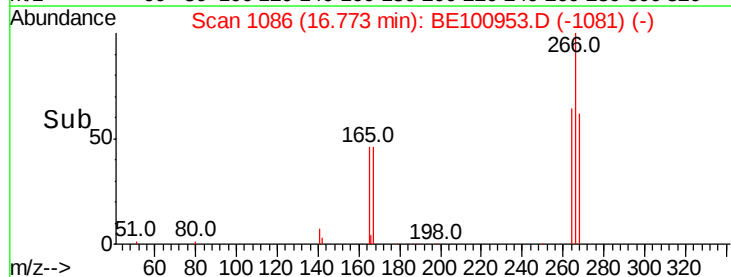
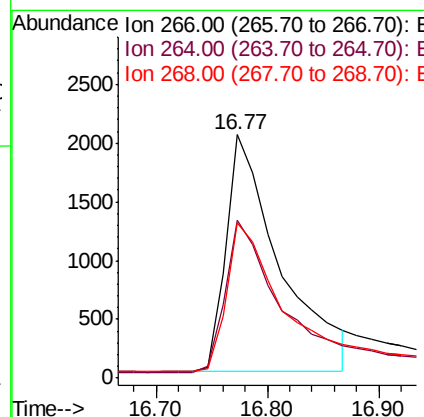
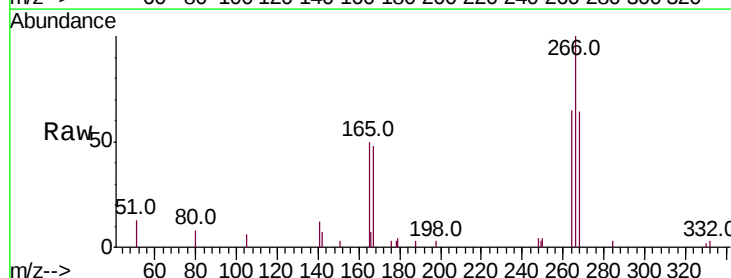
Instrument :
BNA_E
ClientSampleId :

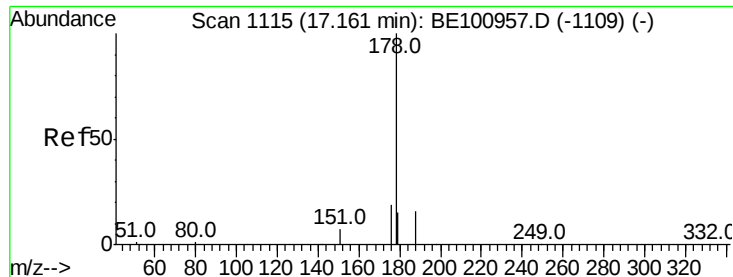
Tot Ion:284 Resp: 31550
Ion Ratio Lower Upper
284 100
142 43.0 33.8 50.6
249 35.2 26.7 40.1



#22
Pentachlorophenol
Concen: 9.749 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion:266 Resp: 6826
Ion Ratio Lower Upper
266 100
264 64.9 64.5 96.7
268 63.7 74.6 111.8#





#23

Phenanthrene

Concen: 3.100 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

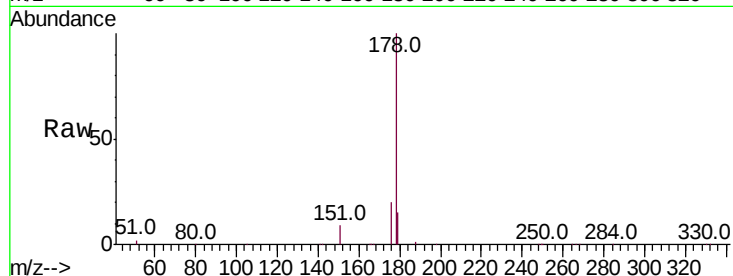
Tot Ion:178 Resp: 178312

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

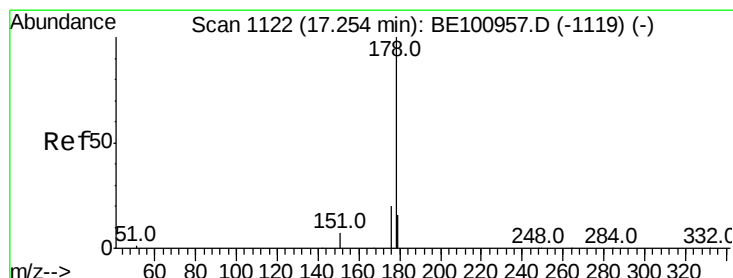
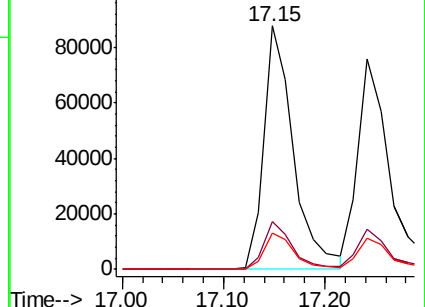
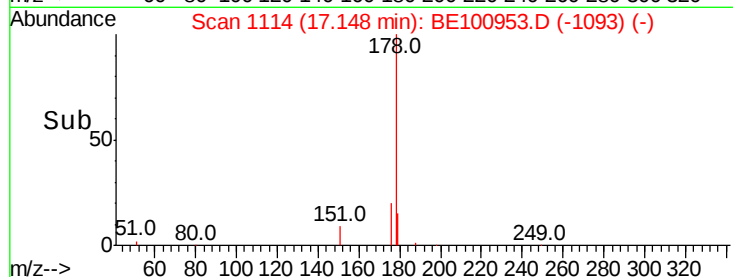
179 15.2 12.5 18.7



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: 3.082 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

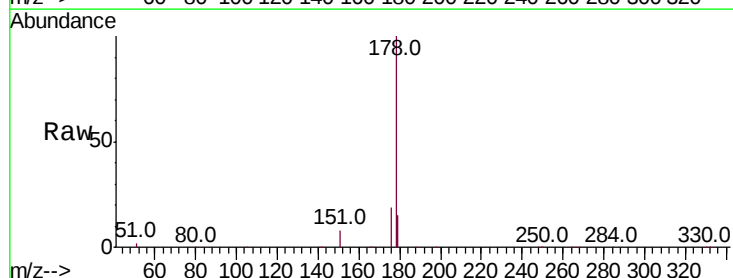
Tgt Ion:178 Resp: 148271

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

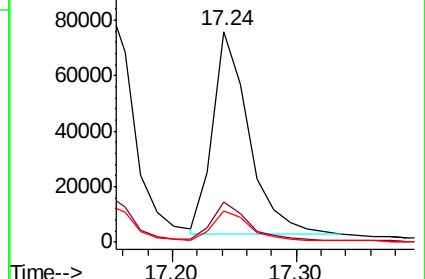
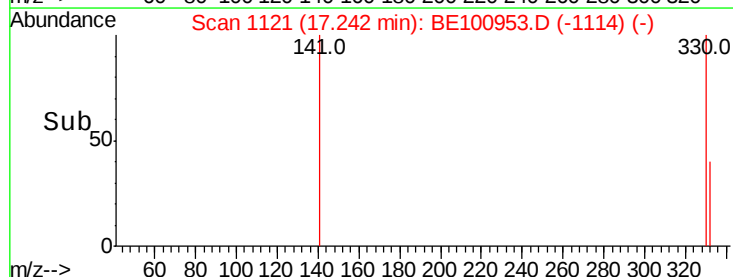
179 15.3 12.0 18.0

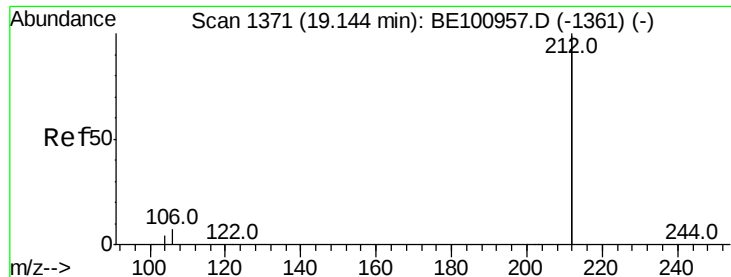


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.610 ng

RT: 19.14 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

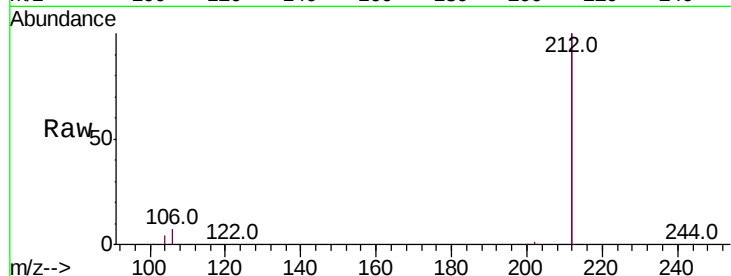
Tot Ion:212 Resp: 810228

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

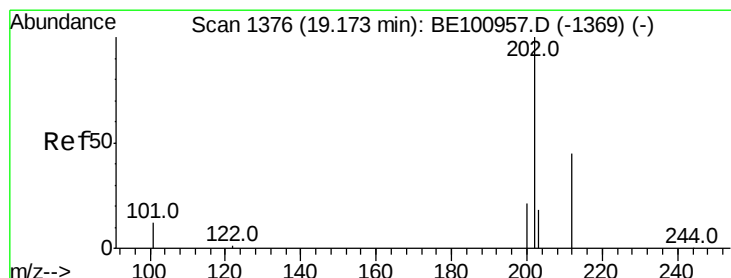
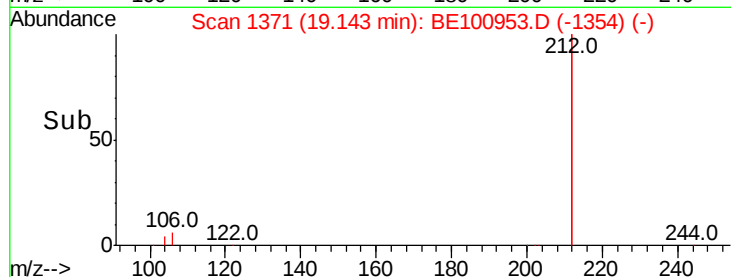
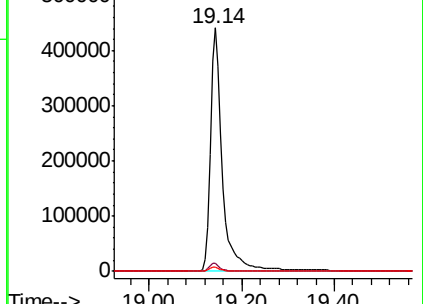
104 1.9 1.4 2.2



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: 3.456 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

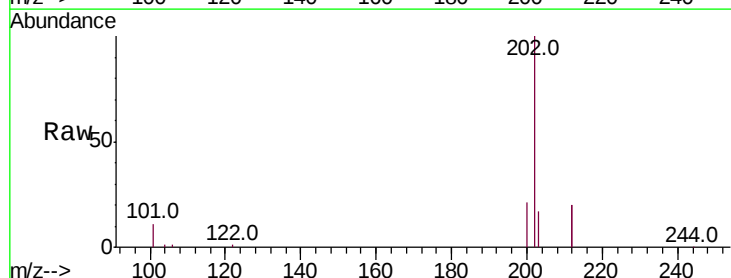
Tgt Ion:202 Resp: 237269

Ion Ratio Lower Upper

202 100

101 12.0 9.0 13.6

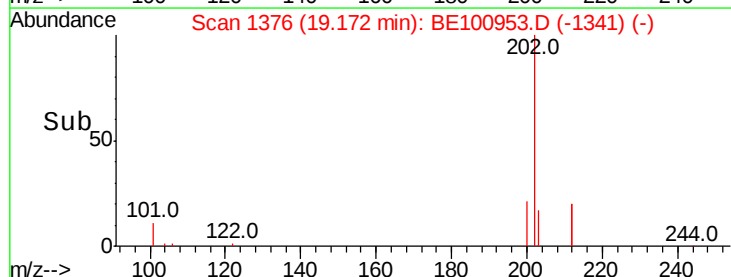
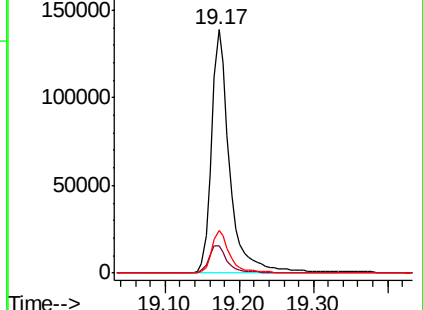
203 16.9 13.4 20.0

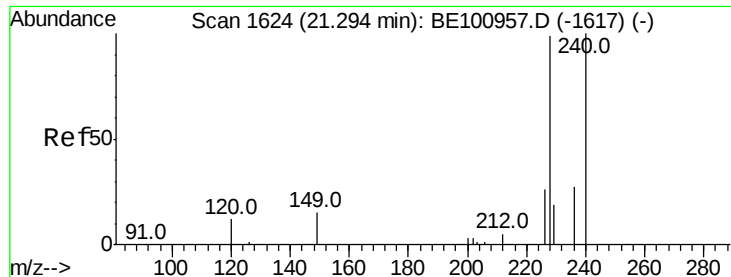


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

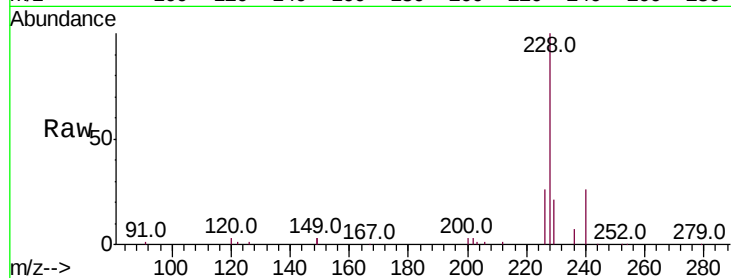
Tot Ion:240 Resp: 21265

Ion Ratio Lower Upper

240 100

120 9.7 11.5 17.3#

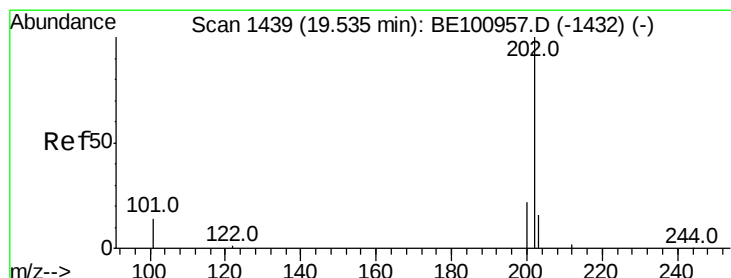
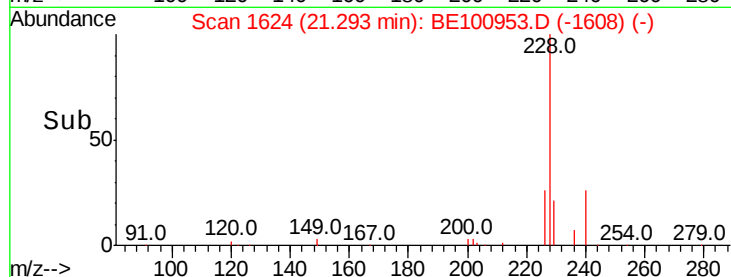
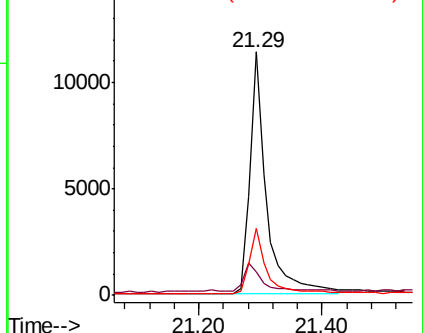
236 27.5 22.8 34.2



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: 3.505 ng

RT: 19.53 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

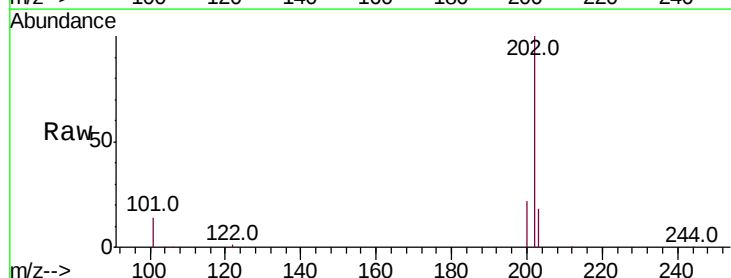
Tgt Ion:202 Resp: 242175

Ion Ratio Lower Upper

202 100

200 21.3 16.4 24.6

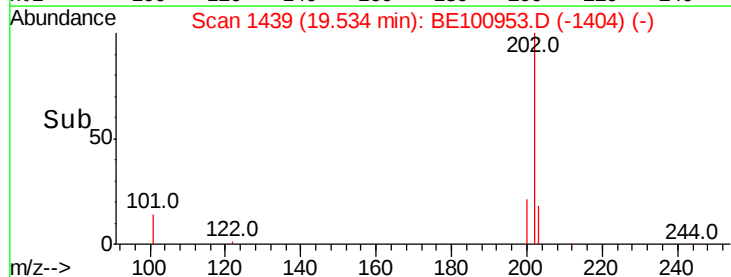
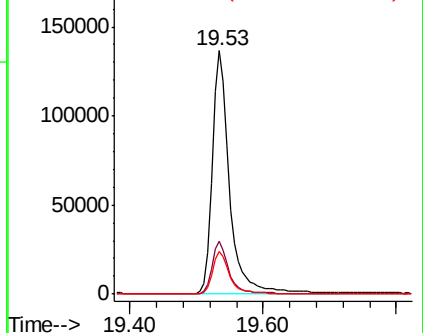
203 17.6 13.8 20.8

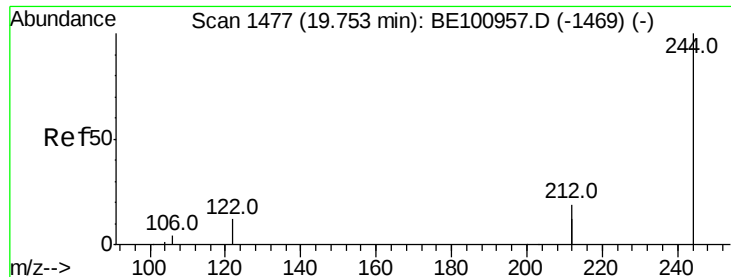


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.210 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampled :

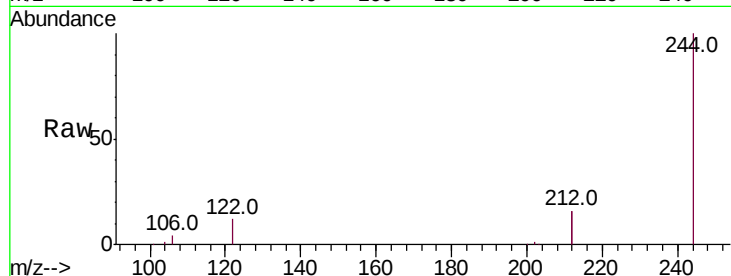
Tot Ion:244 Resp: 163507

Ion Ratio Lower Upper

244 100

212 31.3 30.2 45.2

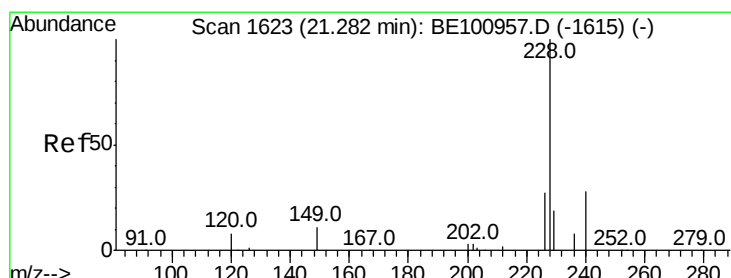
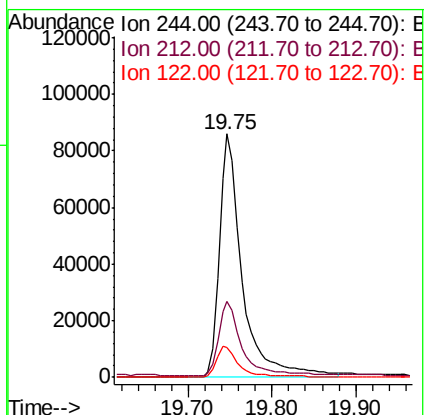
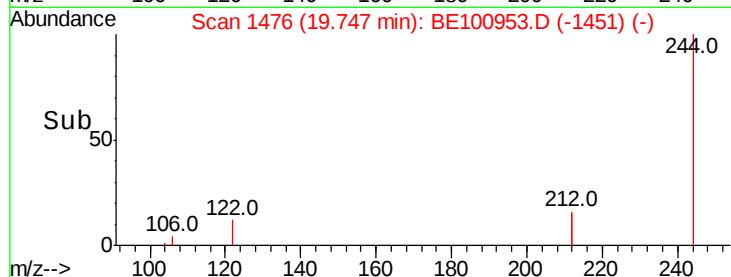
122 12.3 10.7 16.1



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: 3.365 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

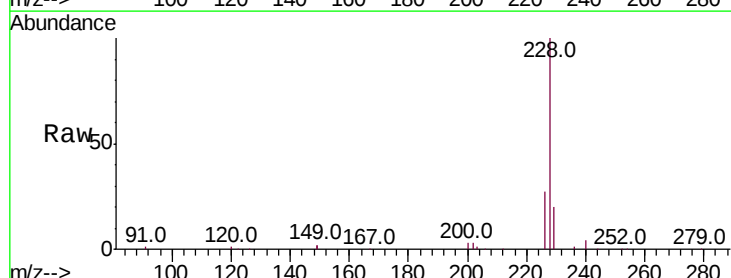
Tgt Ion:228 Resp: 210888

Ion Ratio Lower Upper

228 100

226 26.7 21.9 32.9

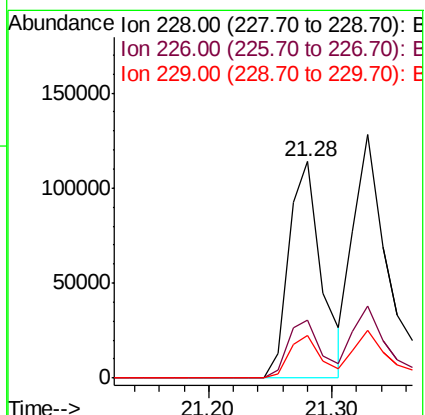
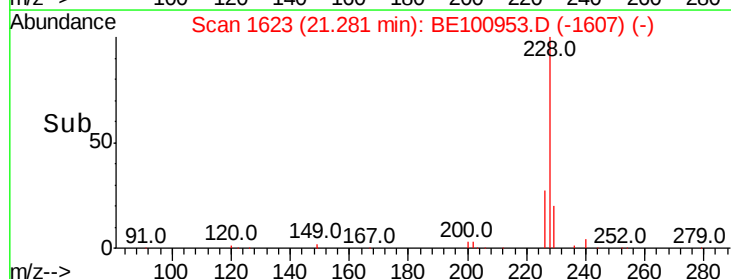
229 19.9 15.9 23.9

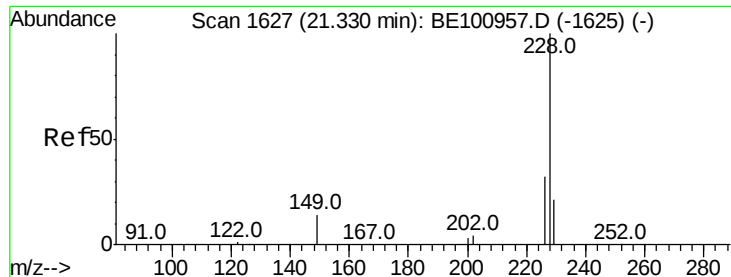


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.078 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

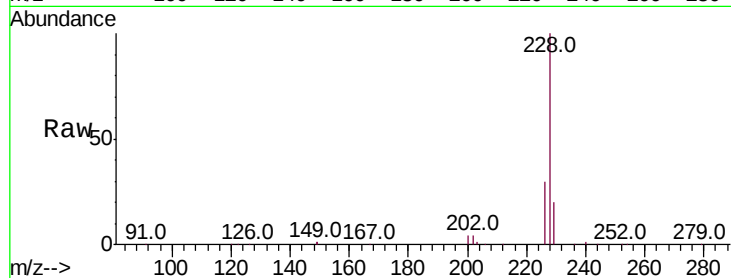
Tot Ion:228 Resp: 226721

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

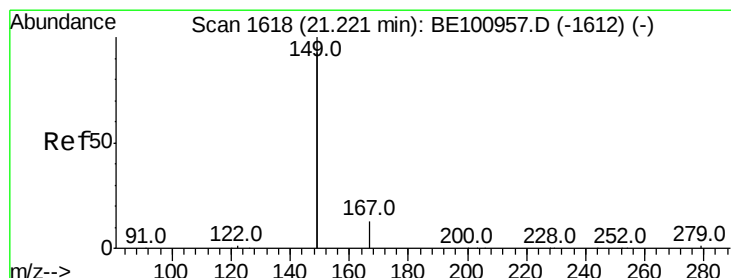
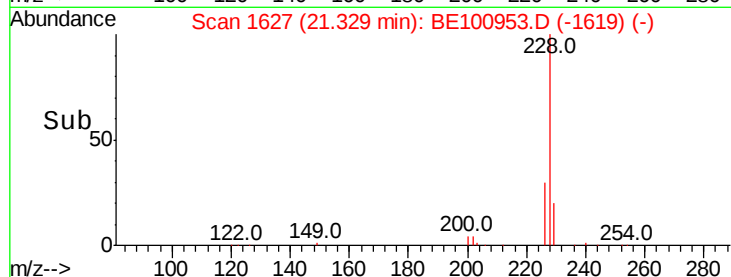
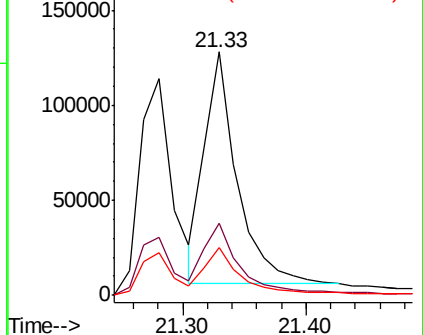
229 19.8 16.6 24.8



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: 10.070 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

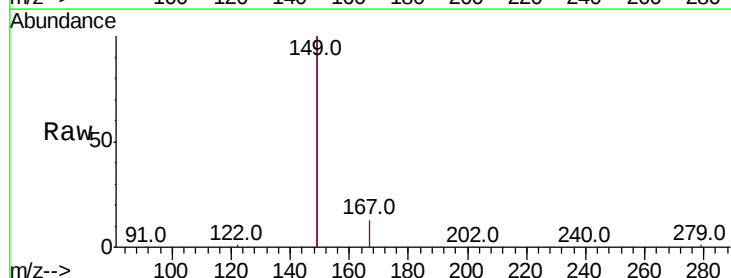
Tgt Ion:149 Resp: 572084

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

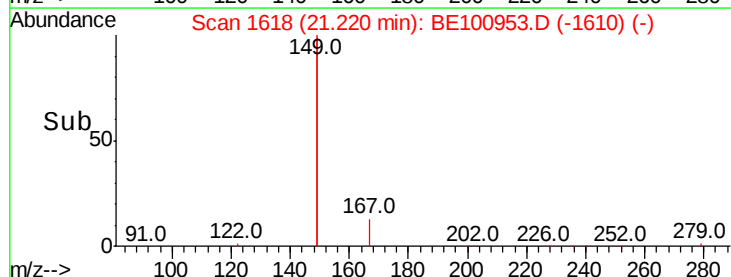
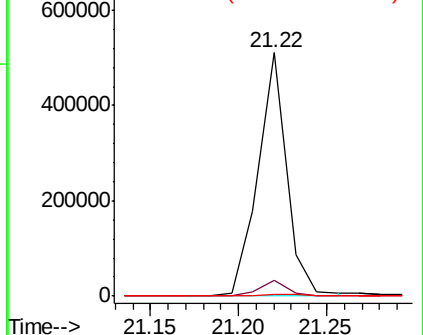
279 0.8 0.7 1.1

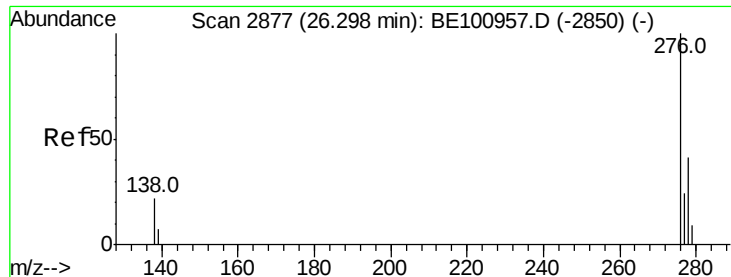


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.933 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.01 min

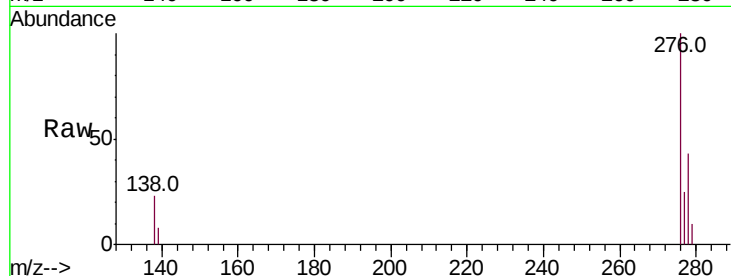
Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :



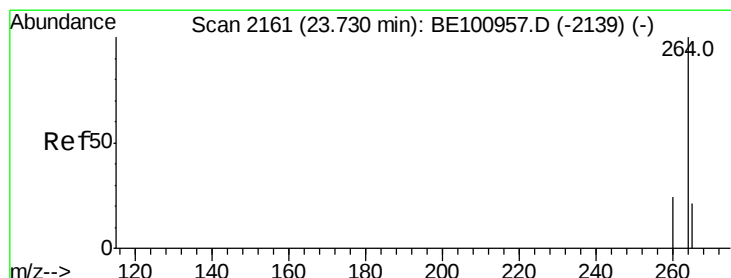
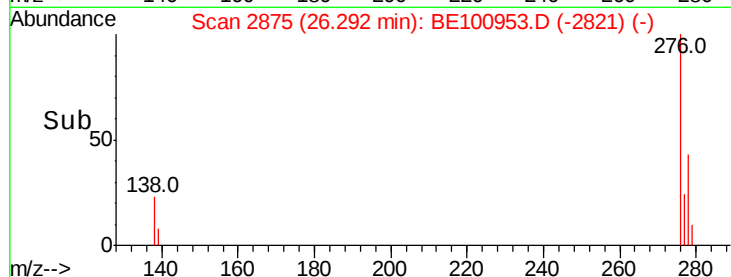
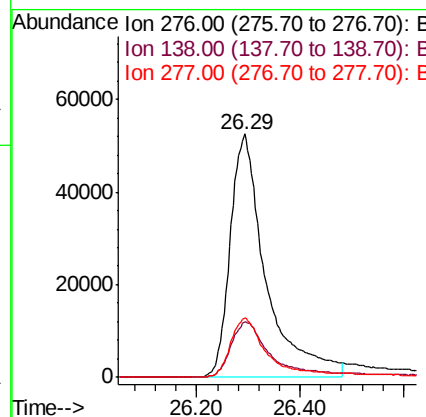
Tot Ion:276 Resp: 252326

Ion Ratio Lower Upper

276 100

138 24.8 9.0 13.4#

277 24.8 5.9 8.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

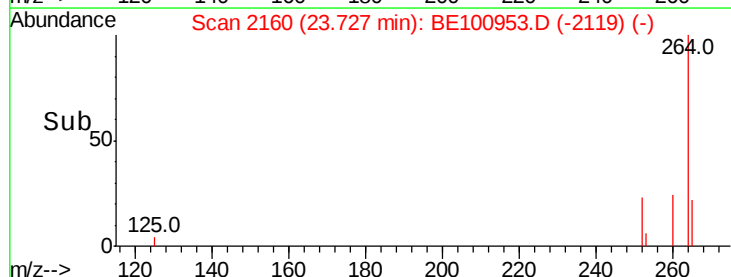
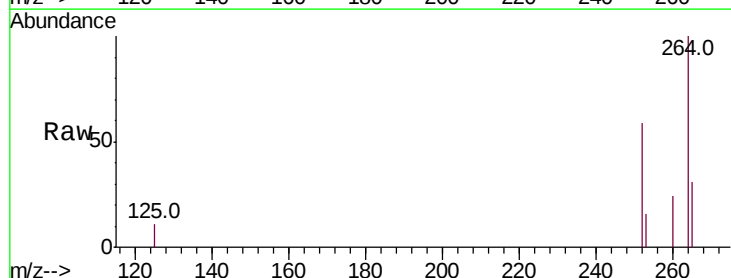
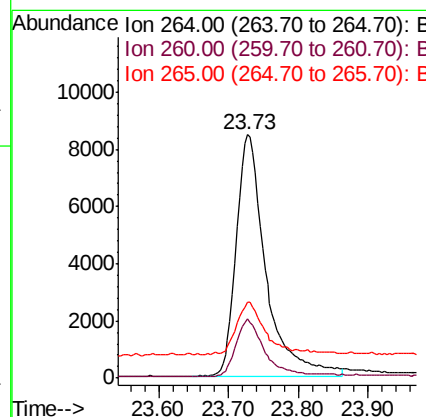
Tgt Ion:264 Resp: 24752

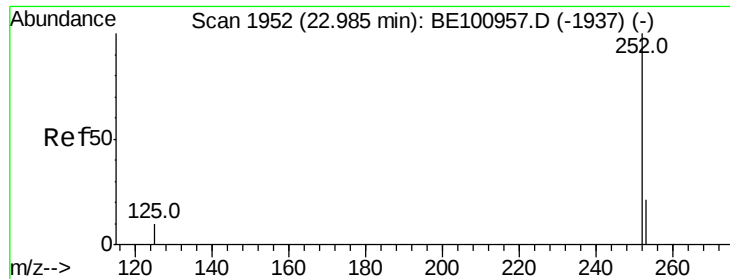
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 31.2 26.4 39.6





#35

Benzo(b)fluoranthene

Concen: 3.097 ng

RT: 22.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

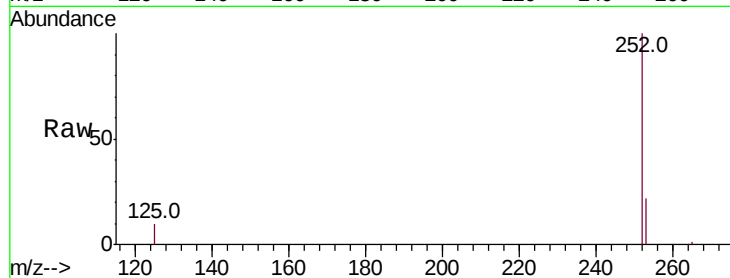
Tot Ion:252 Resp: 209865

Ion Ratio Lower Upper

252 100

253 21.7 18.6 27.8

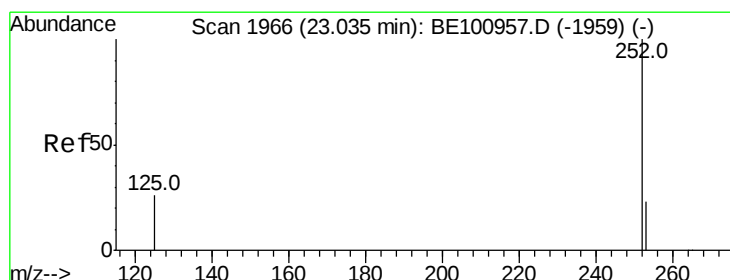
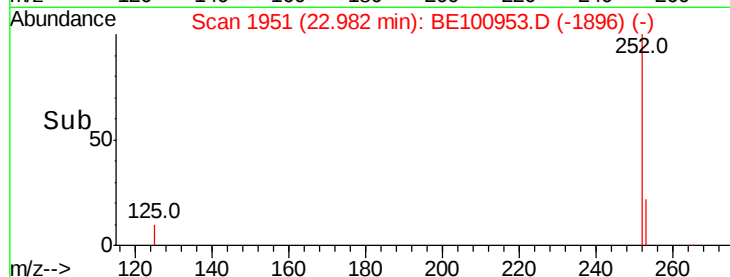
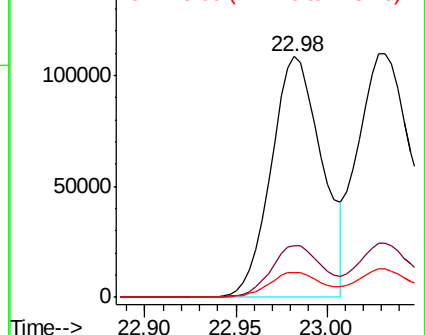
125 10.5 10.2 15.2



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: 3.871 ng

RT: 23.03 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

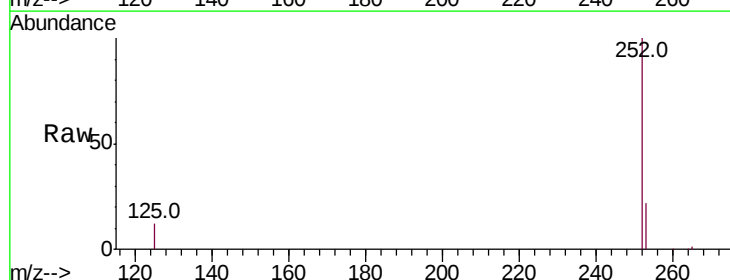
Tgt Ion:252 Resp: 294202

Ion Ratio Lower Upper

252 100

253 22.0 19.2 28.8

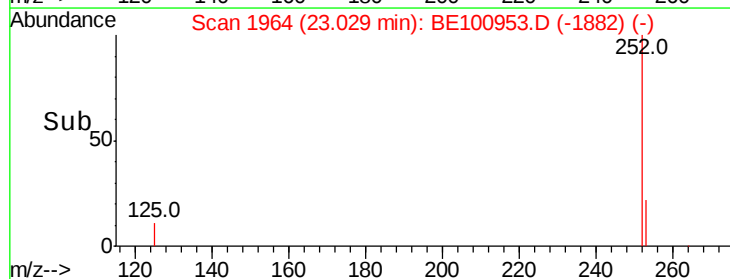
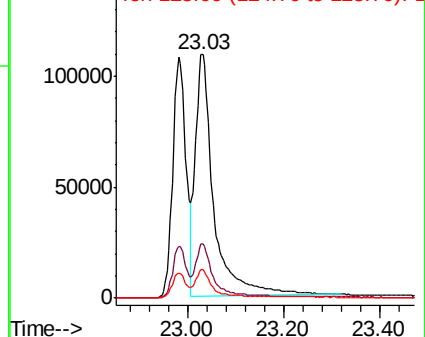
125 11.6 17.9 26.9#

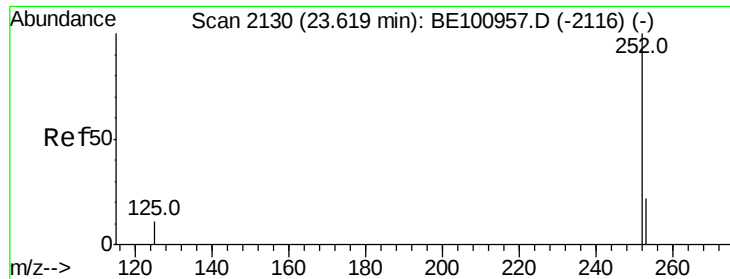


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

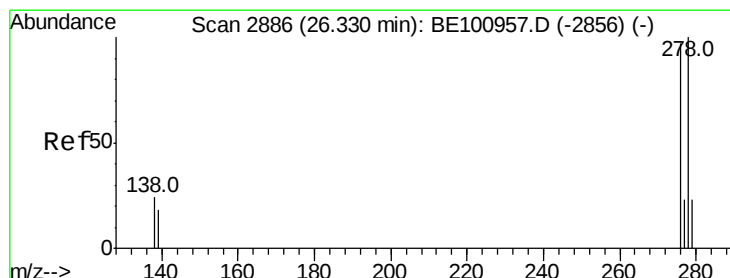
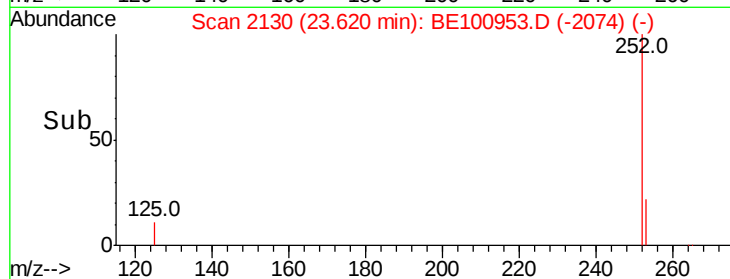
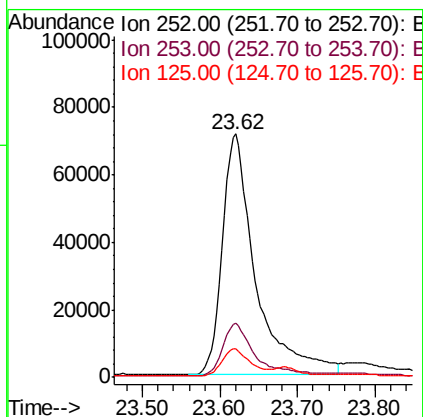
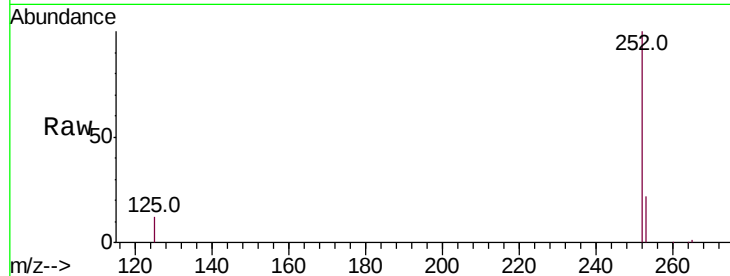




#37
Benzo(a)pyrene
Concen: 3.627 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

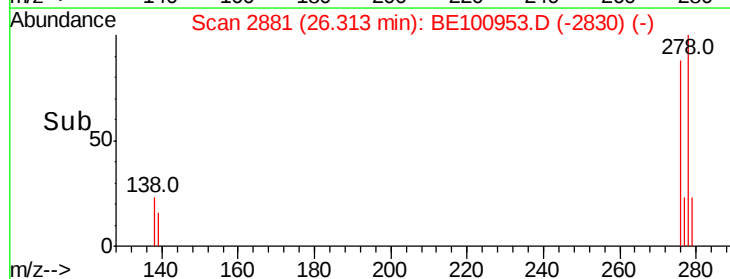
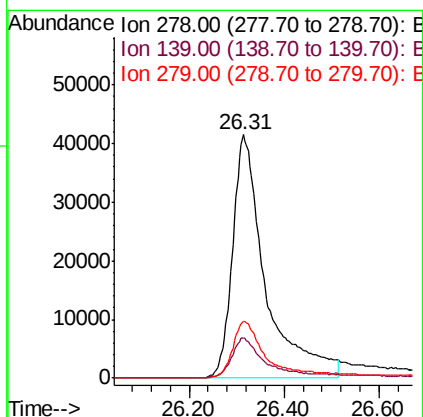
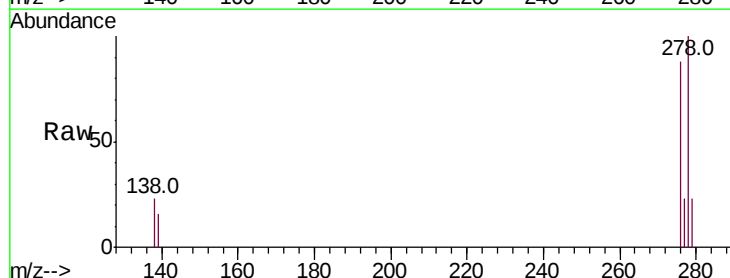
Instrument :
BNA_E
ClientSampleId :

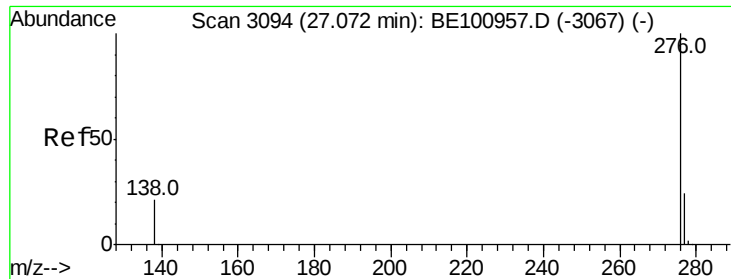
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.9	29.9
125	11.6	12.3	18.5



#38
Dibenzo(a,h)anthracene
Concen: 3.404 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BE100953.D
Acq: 19 Dec 2019 19:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	17.0	25.6
279	23.4	21.1	31.7





#39

Benzo(a,h,i)perylene

Concen: 3.573 ng

RT: 27.07 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BE100953.D

Acq: 19 Dec 2019 19:37

Instrument :

BNA_E

ClientSampleId :

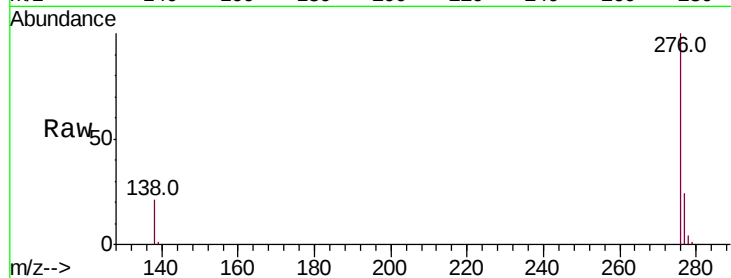
Tot Ion:276 Resp: 222984

Ion Ratio Lower Upper

276 100

277 23.6 19.9 29.9

138 21.3 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

