

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100952.D
 Acq On : 19 Dec 2019 19:01
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:33:43 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	2819	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	14019	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	8646	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	19540	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20444	0.40	ng	0.00
34) Perylene-d12	23.73	264	24007	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	8686	1.30	ng	0.00
5) Phenol-d6	6.93	99	12227	1.21	ng	-0.04
8) Nitrobenzene-d5	8.89	82	15268	2.29	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	34341	1.69	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	4444	4.62	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	51492	1.50	ng	-0.01
25) Fluoranthene-d10	19.14	212	397096	1.72	ng	0.00
29) Terphenyl-d14	19.75	244	79228	1.62	ng	0.00

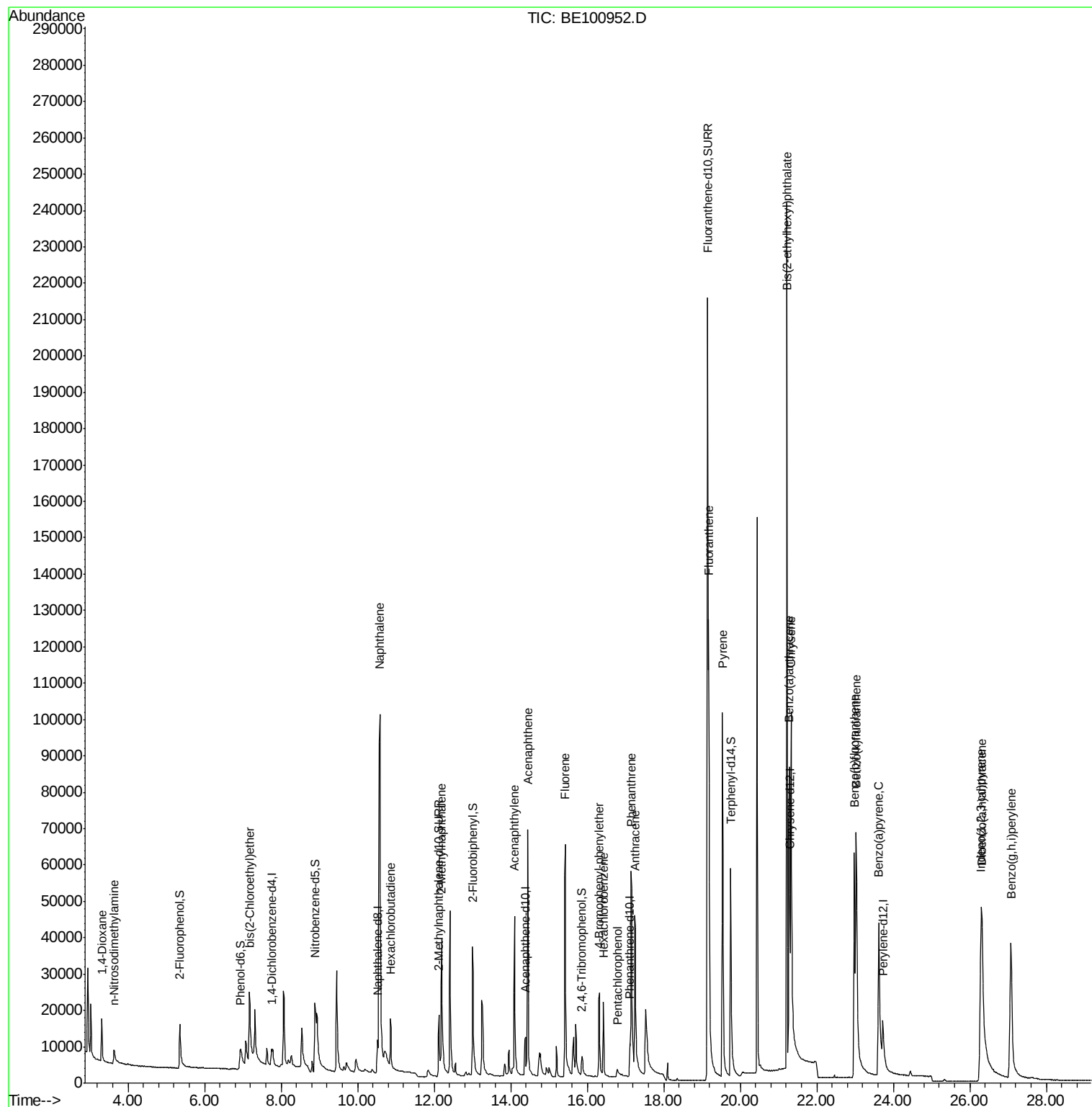
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	9818	1.910	ng	# 78
3) n-Nitrosodimethylamine	3.62	42	5529	1.322	ng	# 73
6) bis(2-Chloroethyl)ether	7.17	93	14972	1.534	ng	97
9) Naphthalene	10.57	128	244057	1.638	ng	99
10) Hexachlorobutadiene	10.86	225	9803	1.688	ng	99
12) 2-Methylnaphthalene	12.20	142	36715	1.578	ng	97
16) Acenaphthylene	14.10	152	60983	1.705	ng	99
17) Acenaphthene	14.44	154	40600	1.647	ng	99
18) Fluorene	15.42	166	52921	1.665	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	15006	1.565	ng	# 88
21) Hexachlorobenzene	16.42	284	16037	1.540	ng	98
22) Pentachlorophenol	16.79	266	2540	3.526	ng	# 78
23) Phenanthrene	17.15	178	87107	1.472	ng	100
24) Anthracene	17.24	178	67068	1.355	ng	99
26) Fluoranthene	19.17	202	115972	1.642	ng	99
28) Pyrene	19.53	202	120299	1.811	ng	99
30) Benzo(a)anthracene	21.28	228	96187	1.596	ng	98
31) Chrysene	21.33	228	107046	1.512	ng	98
32) Bis(2-ethylhexyl)phthalate	21.22	149	267807	4.904	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	118624	1.923	ng	# 61
35) Benzo(b)fluoranthene	22.98	252	94687	1.441	ng	97
36) Benzo(k)fluoranthene	23.03	252	147240	1.998	ng	# 87
37) Benzo(a)pyrene	23.62	252	102815	1.807	ng	# 94
38) Dibenzo(a,h)anthracene	26.32	278	90760	1.603	ng	# 93
39) Benzo(g,h,i)perylene	27.08	276	106037	1.752	ng	97

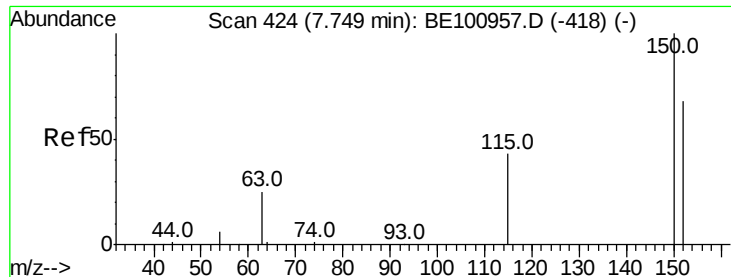
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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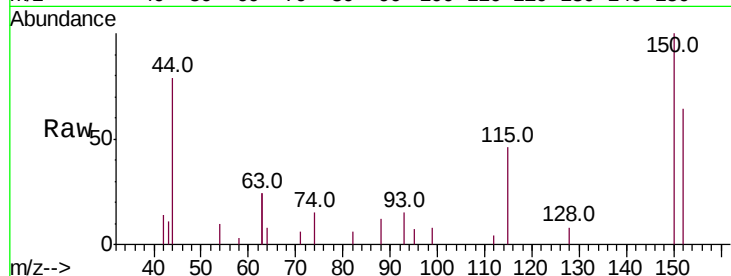


#1

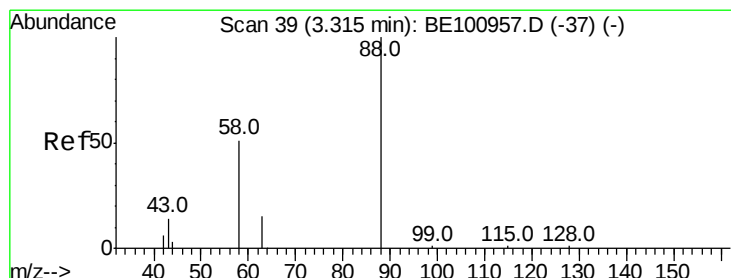
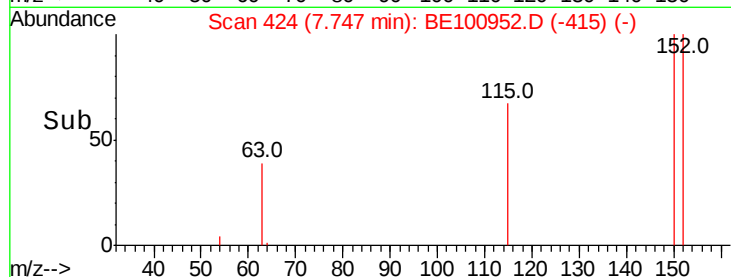
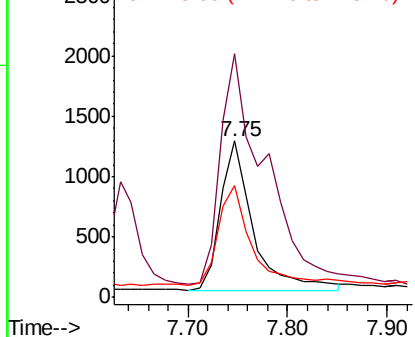
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2819
Ion Ratio Lower Upper
152 100
150 155.6 116.7 175.1
115 71.7 55.7 83.5



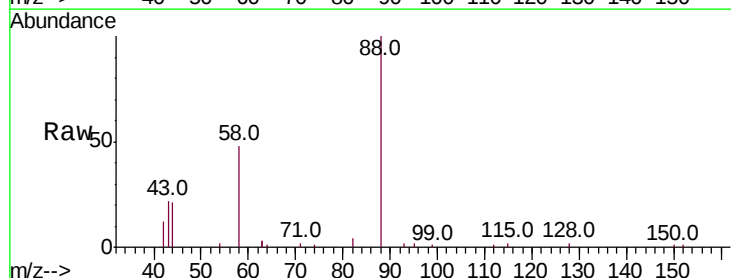
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



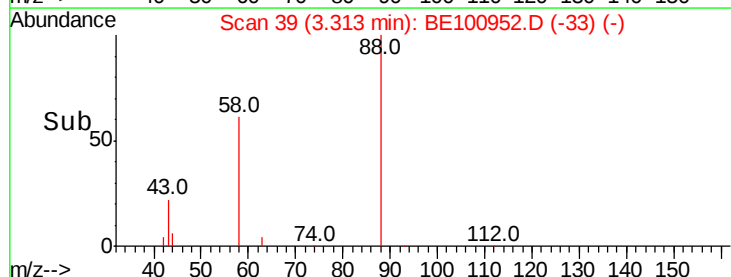
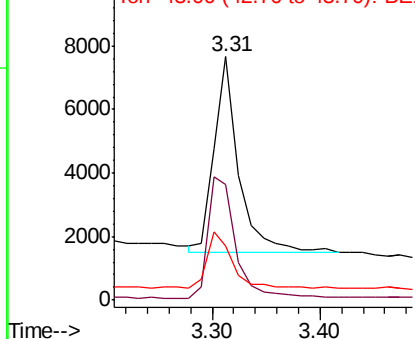
#2

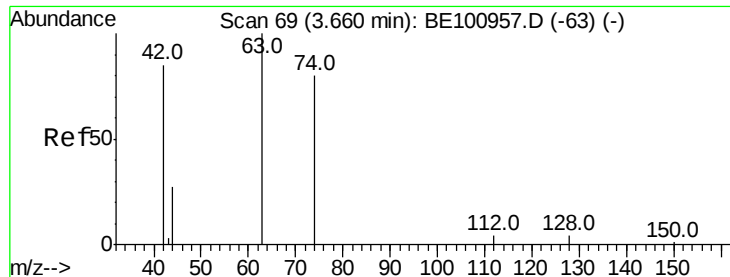
1,4-Dioxane
Concen: 1.910 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion: 88 Resp: 9818
Ion Ratio Lower Upper
88 100
58 68.9 38.6 57.8#
43 29.0 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: 1.322 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.04 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampled :

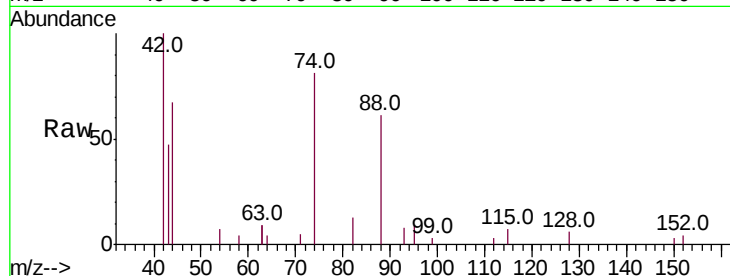
Tot Ion: 42 Resp: 5529

Ion Ratio Lower Upper

42 100

74 124.0 77.8 116.6#

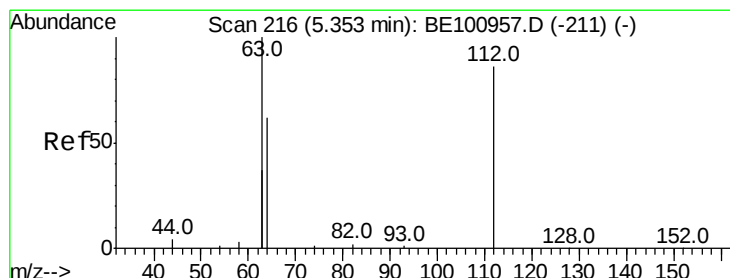
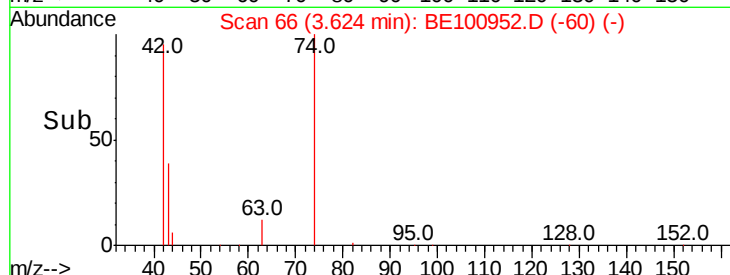
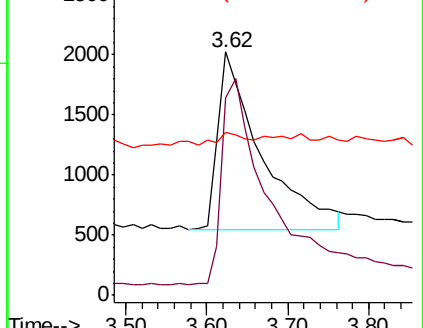
44 4.1 0.0 0.0#



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: 1.298 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

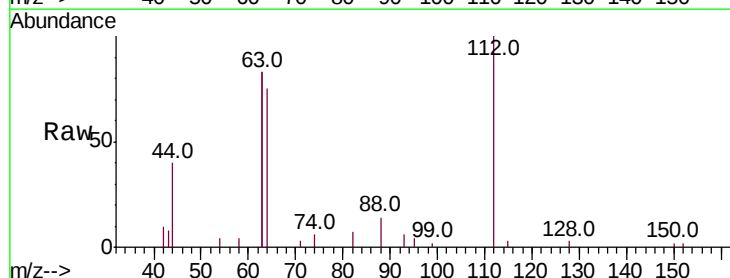
Tgt Ion: 112 Resp: 8686

Ion Ratio Lower Upper

112 100

64 67.9 58.6 88.0

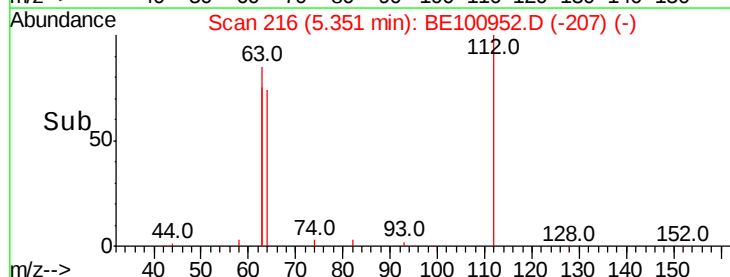
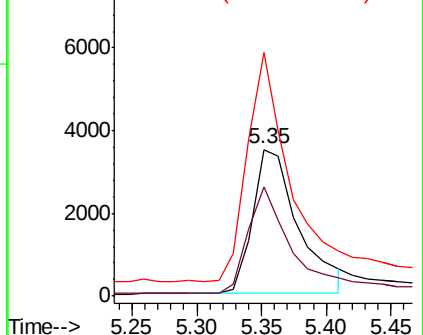
63 146.2 121.0 181.6

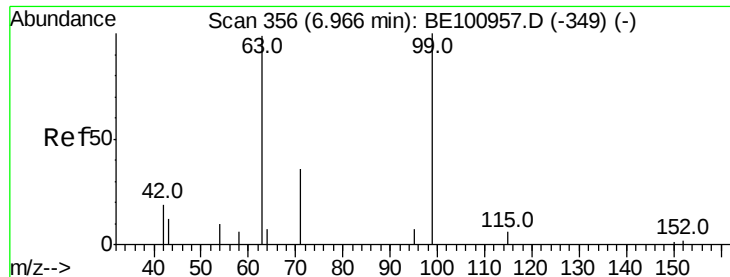


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 1.211 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.04 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

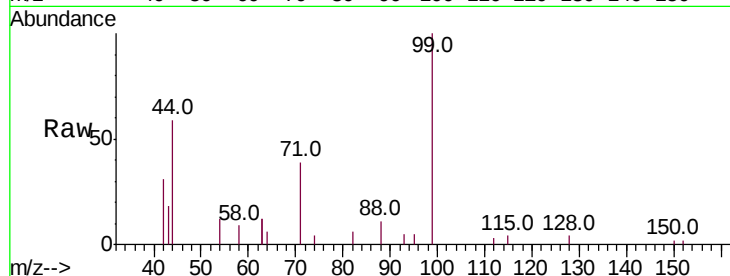
Tot Ion: 99 Resp: 12227

Ion Ratio Lower Upper

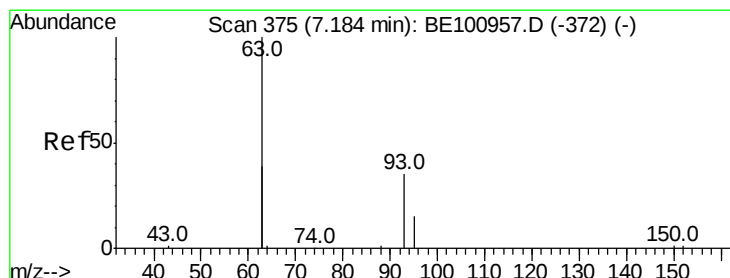
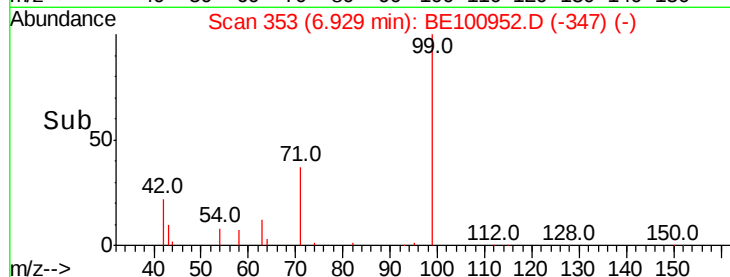
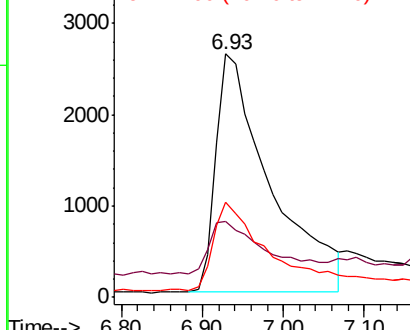
99 100

42 22.9 10.2 15.2#

71 37.1 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: 1.534 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

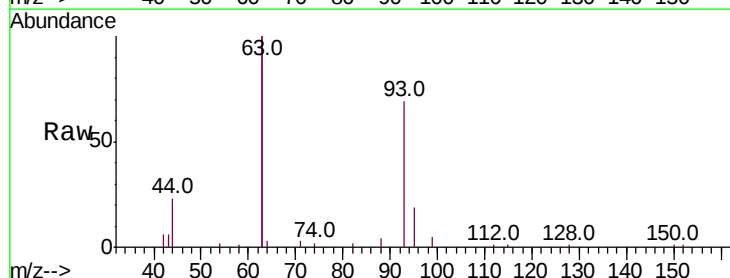
Tgt Ion: 93 Resp: 14972

Ion Ratio Lower Upper

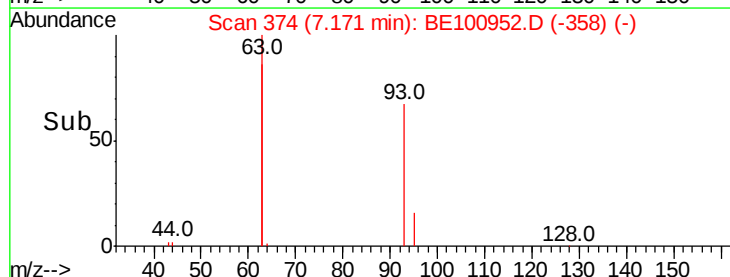
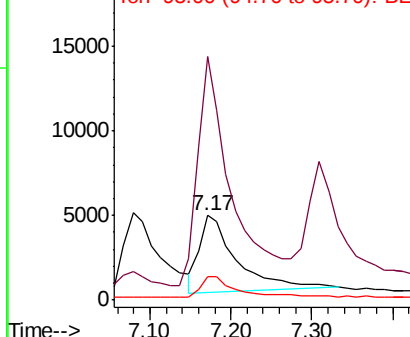
93 100

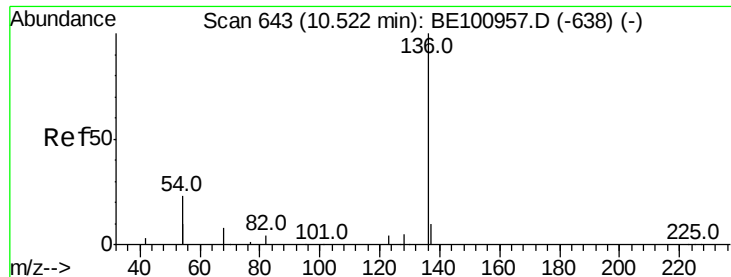
63 264.4 209.4 314.2

95 29.1 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: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14019

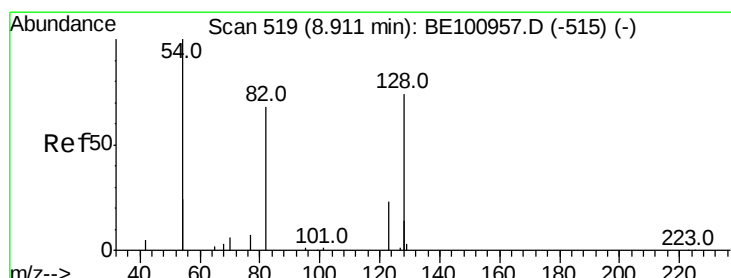
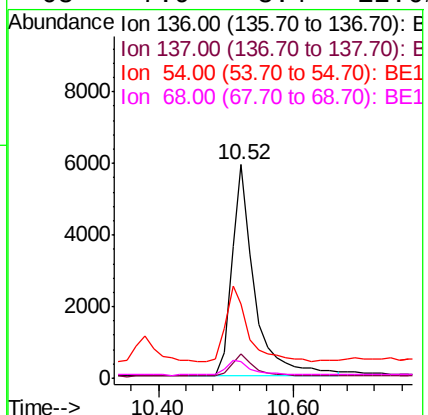
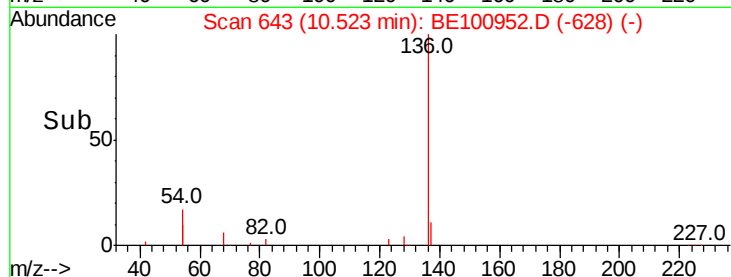
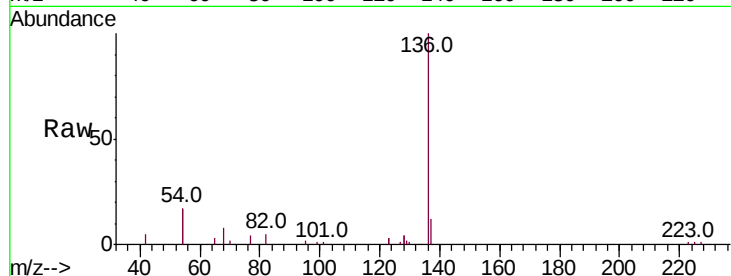
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 34.5 36.2 54.4#

68 7.9 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 2.287 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

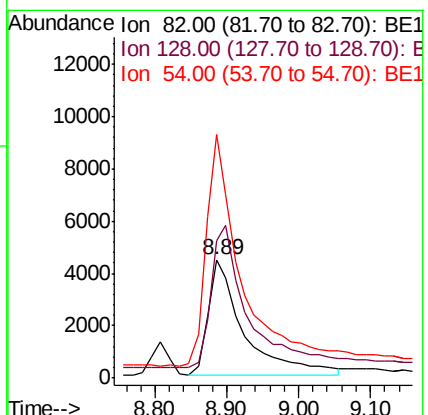
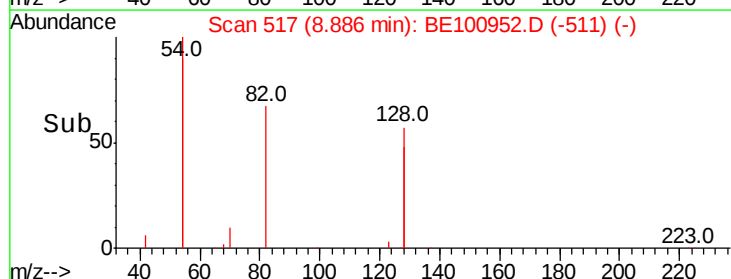
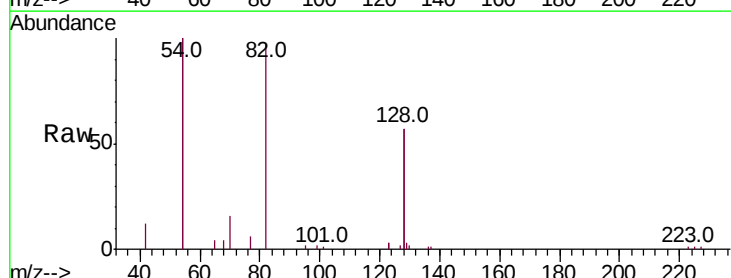
Tgt Ion: 82 Resp: 15268

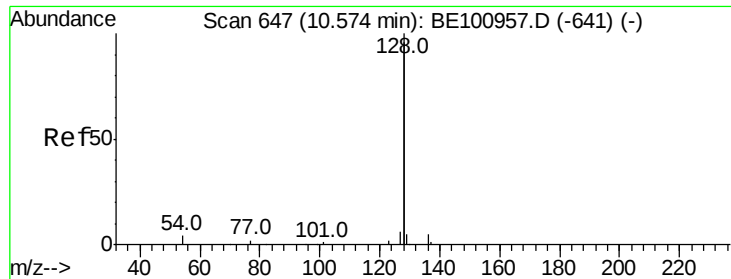
Ion Ratio Lower Upper

82 100

128 116.1 135.0 202.6#

54 205.5 182.6 274.0





#9

Naphthalene

Concen: 1.638 ng

RT: 10.57 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

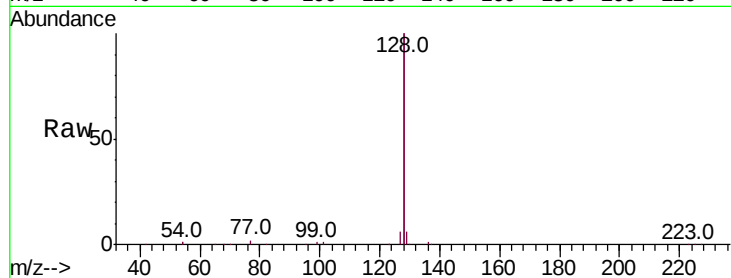
Tot Ion:128 Resp: 244057

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

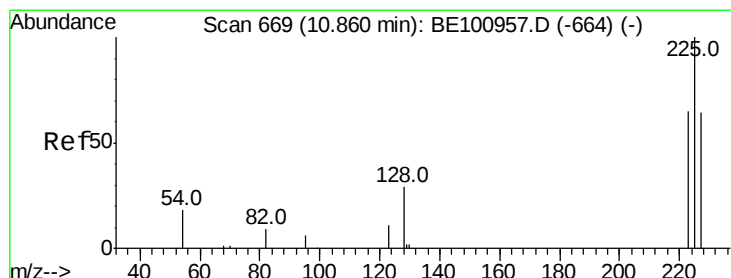
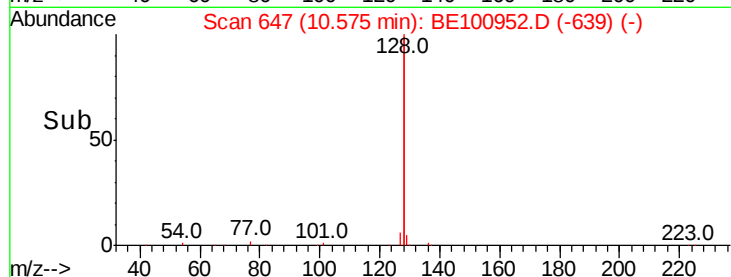
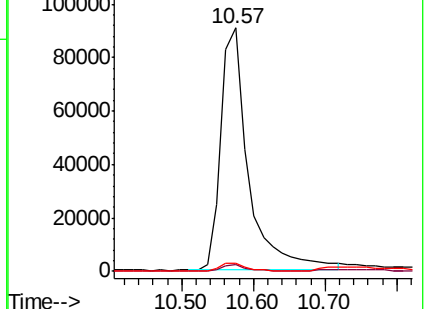
127 3.2 2.7 4.1



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: 1.688 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

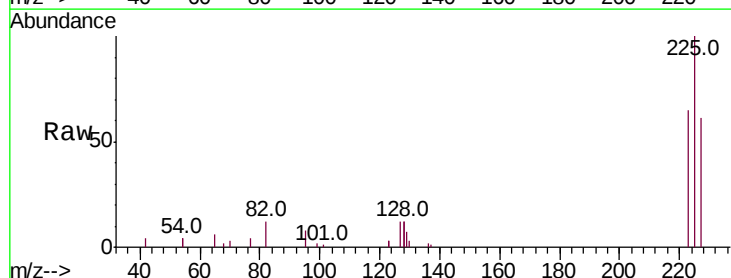
Tgt Ion:225 Resp: 9803

Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.2

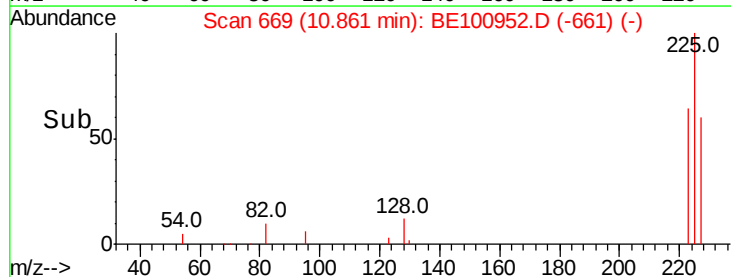
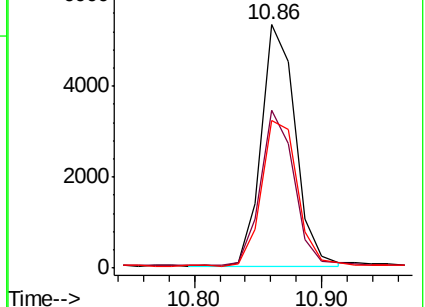
227 63.5 50.3 75.5

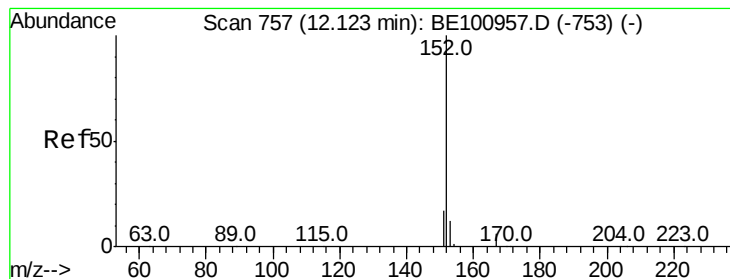


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.690 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

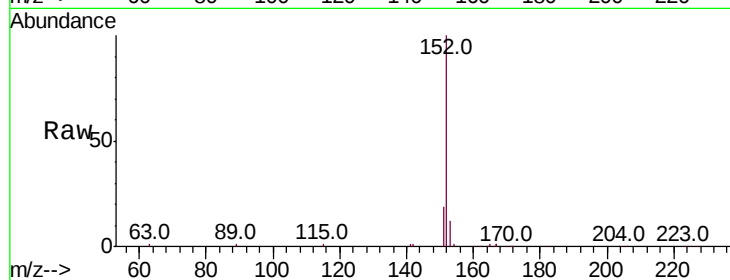
ClientSampleId :

Tot Ion:152 Resp: 34341

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

15000

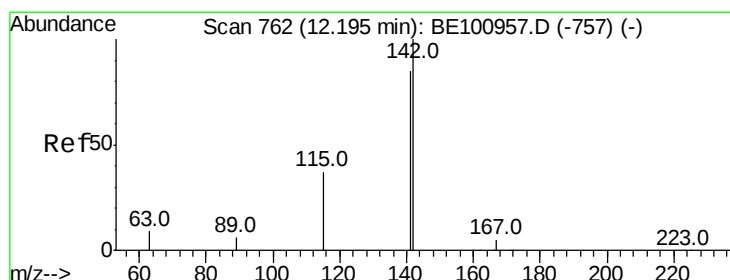
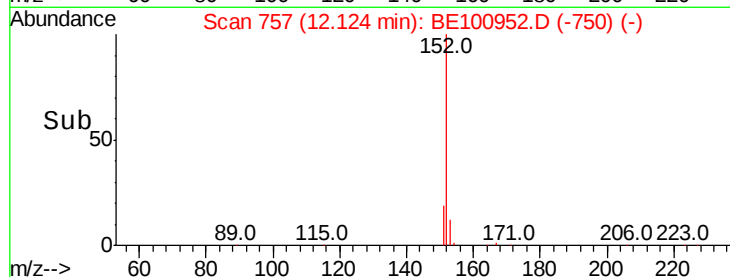
10000

5000

0

Time-->

12.00 12.20



#12

2-Methylnaphthalene

Concen: 1.578 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

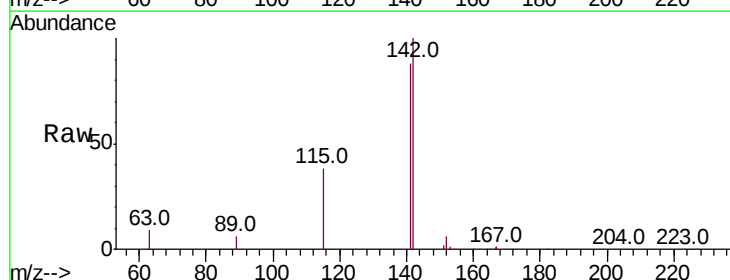
Tgt Ion:142 Resp: 36715

Ion Ratio Lower Upper

142 100

141 88.1 67.8 101.8

115 38.0 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

20000

15000

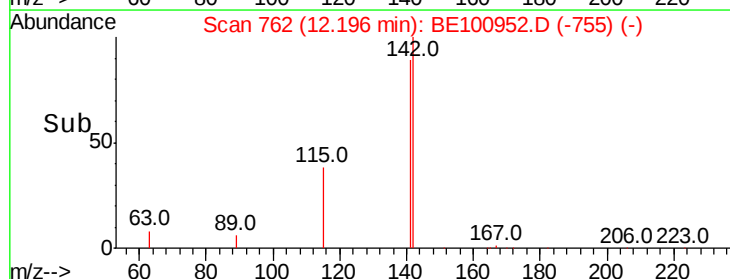
10000

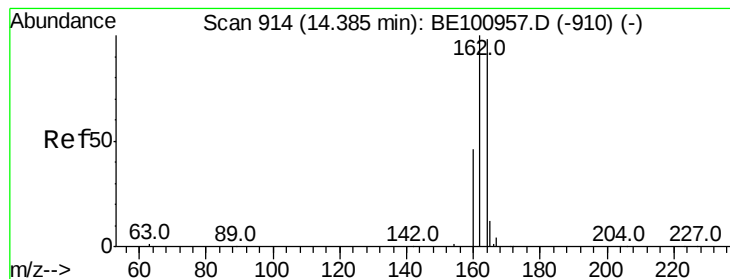
5000

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

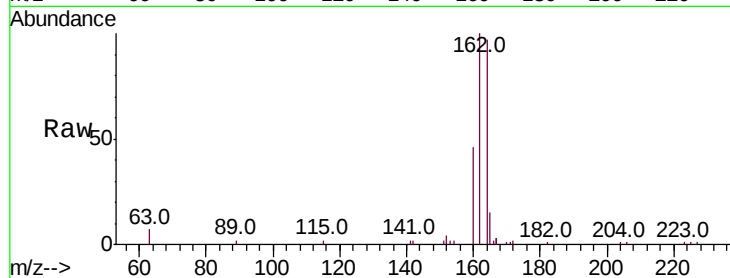
Tot Ion:164 Resp: 8646

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

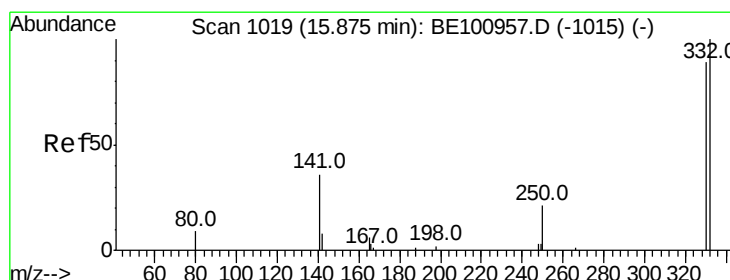
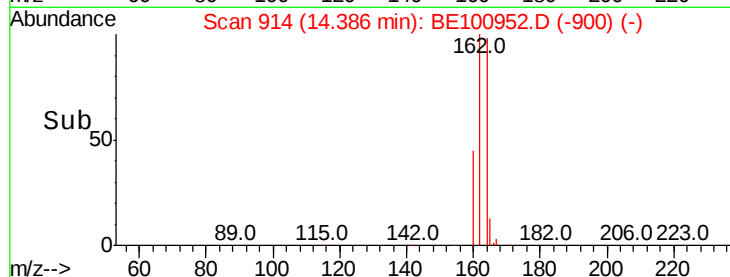
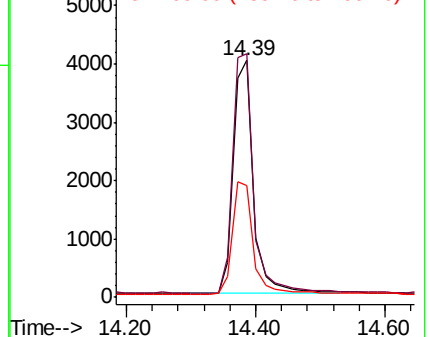
160 47.1 38.5 57.7



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: 4.621 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

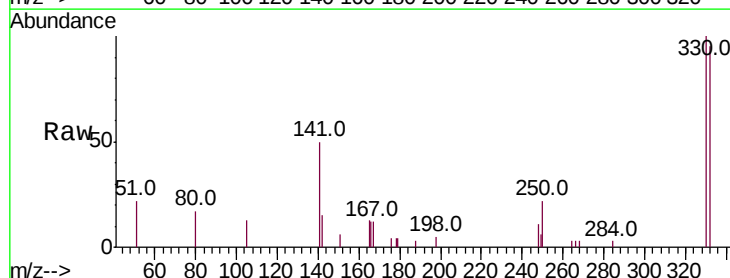
Tgt Ion:330 Resp: 4444

Ion Ratio Lower Upper

330 100

332 95.7 84.2 126.2

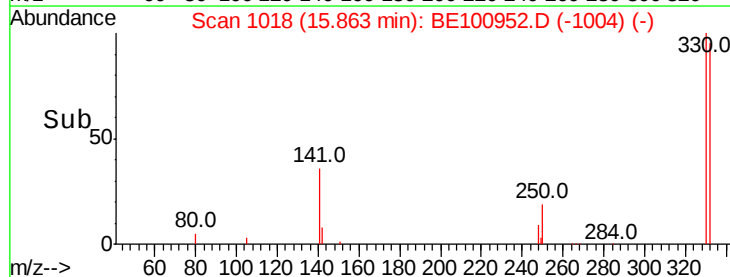
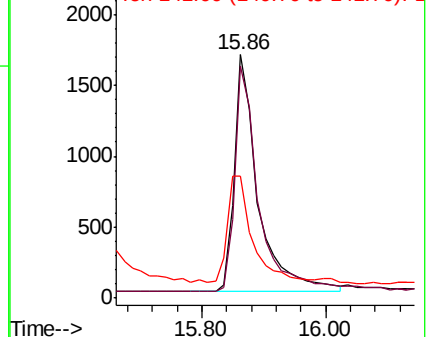
141 46.6 39.3 58.9

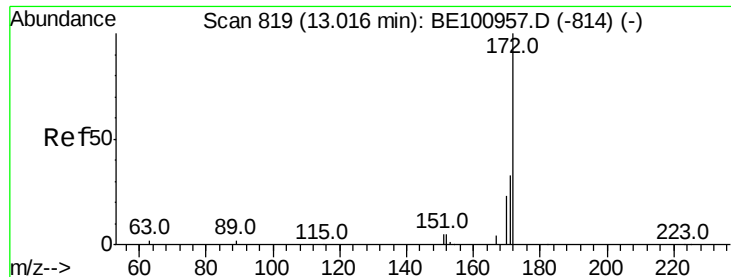


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

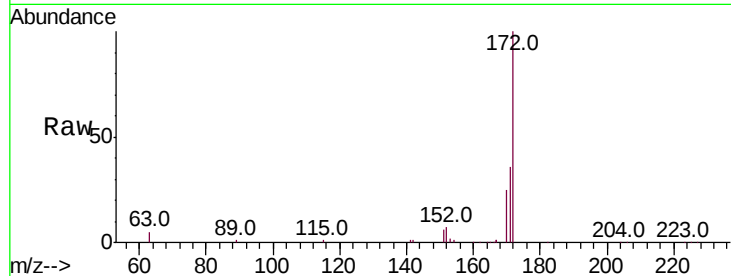




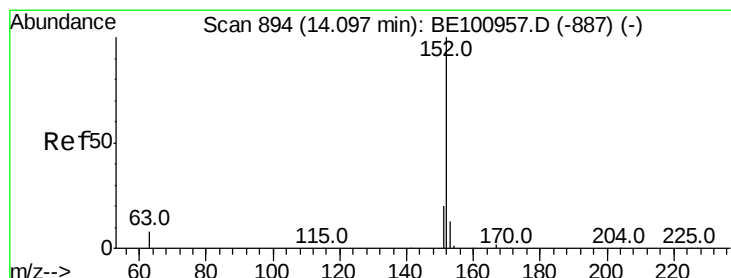
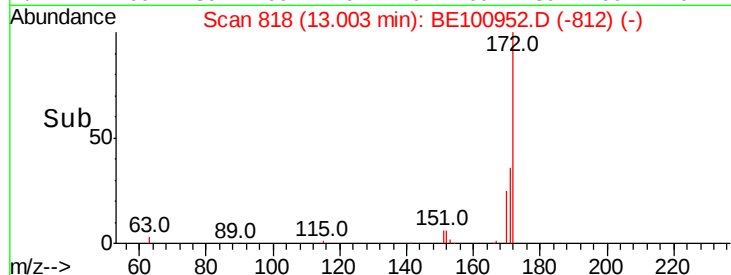
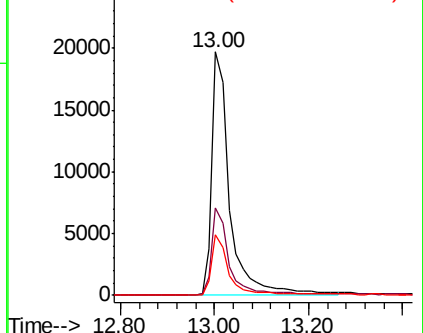
#15
2-Fluorobiphenyl
Concen: 1.501 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 51492
Ion Ratio Lower Upper
172 100
171 36.1 27.5 41.3
170 24.8 19.8 29.6

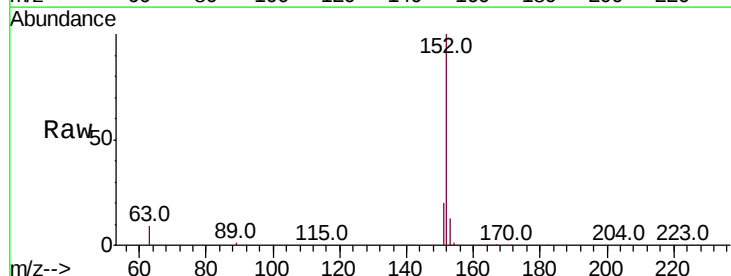


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

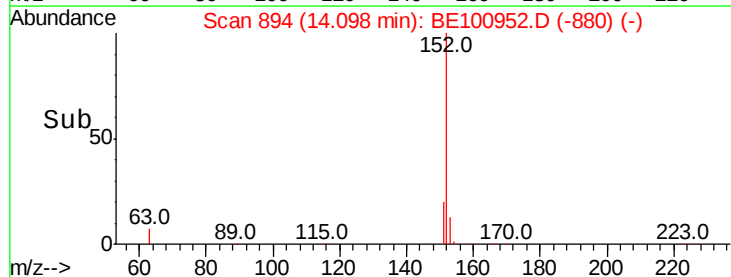
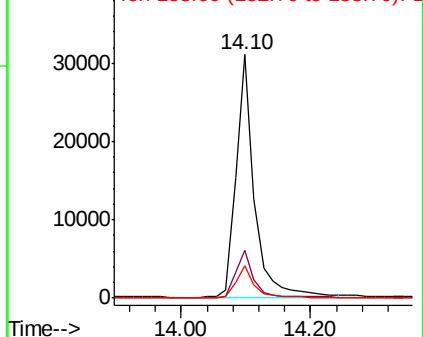


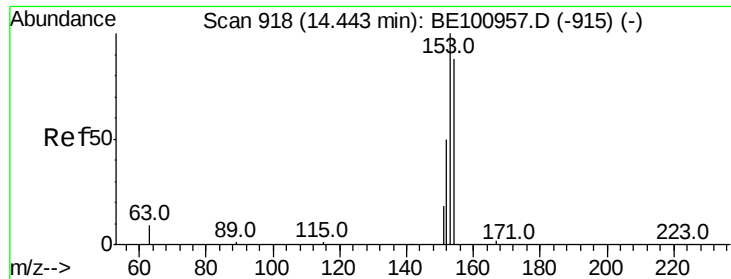
#16
Acenaphthylene
Concen: 1.705 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:152 Resp: 60983
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

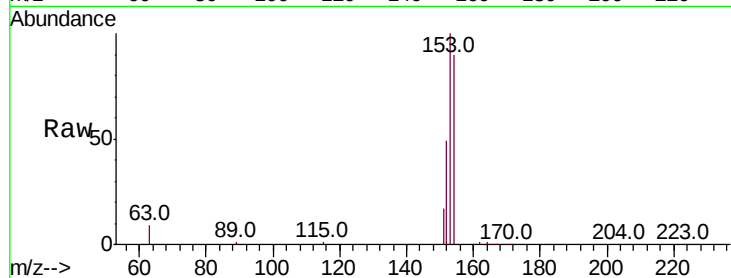




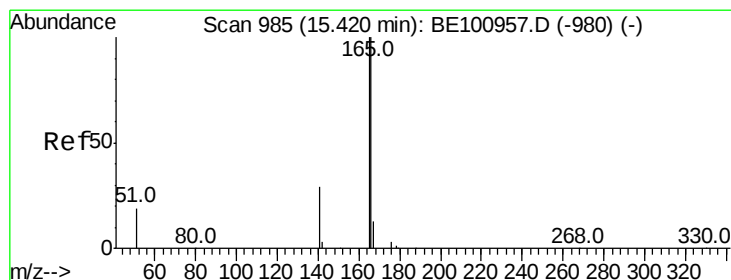
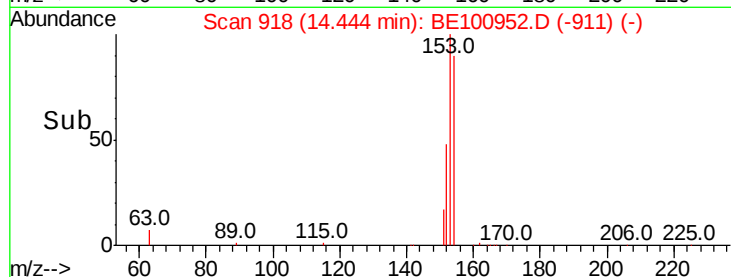
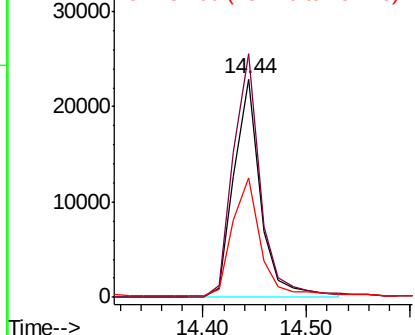
#17
Acenaphthene
Concen: 1.647 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 40600
Ion Ratio Lower Upper
154 100
153 114.0 92.3 138.5
152 56.7 46.4 69.6

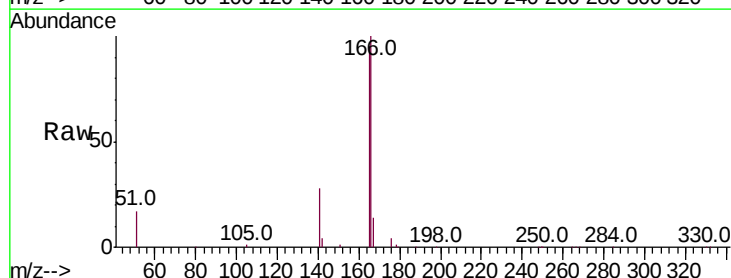


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

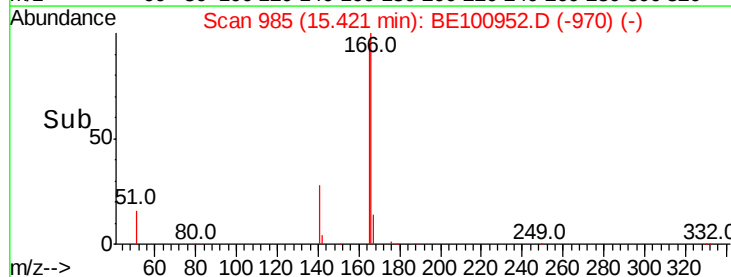
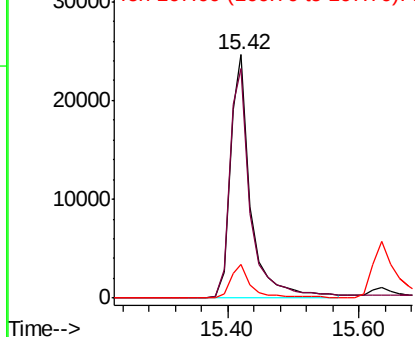


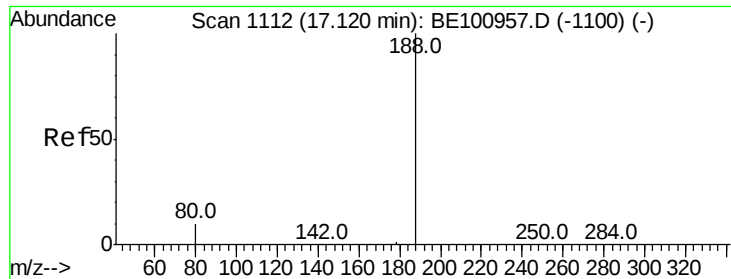
#18
Fluorene
Concen: 1.665 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100952.D
Acq: 19 Dec 2019 19:01

Tgt Ion:166 Resp: 52921
Ion Ratio Lower Upper
166 100
165 97.2 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: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

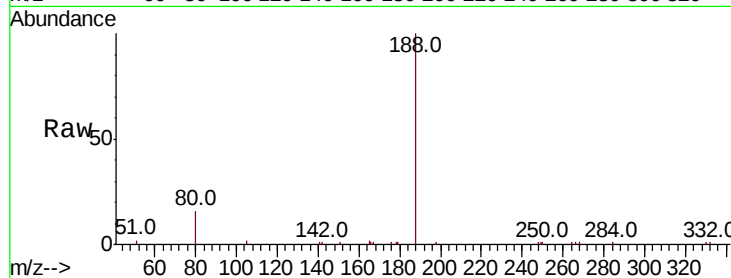
Tot Ion:188 Resp: 19540

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

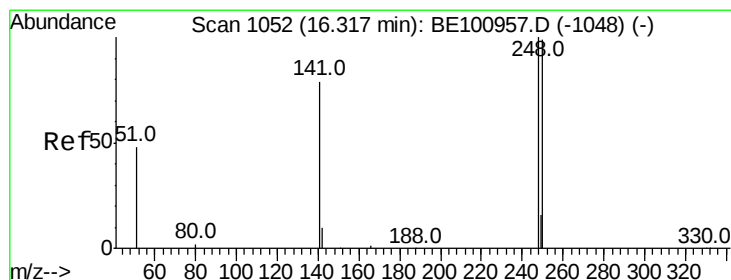
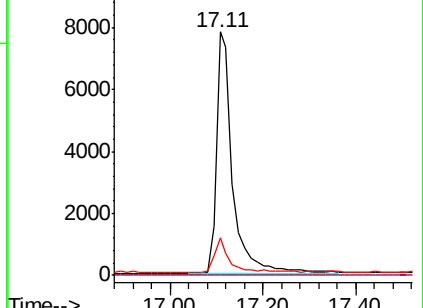
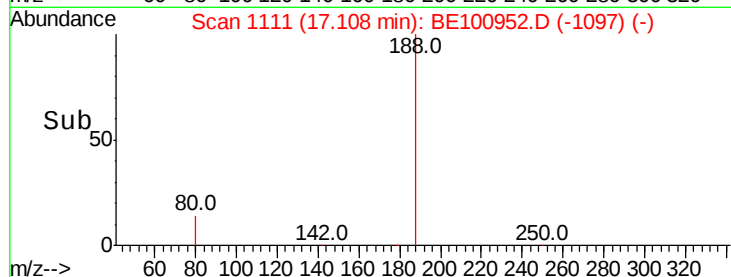
80 15.5 9.5 14.3#



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: 1.565 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

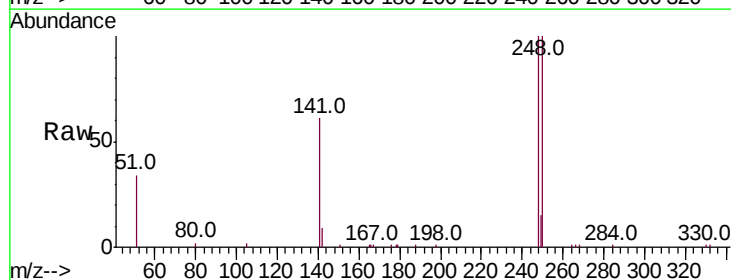
Tgt Ion:248 Resp: 15006

Ion Ratio Lower Upper

248 100

250 100.3 79.5 119.3

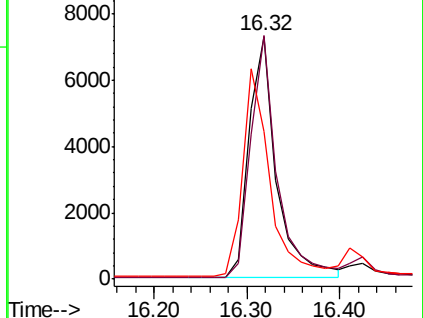
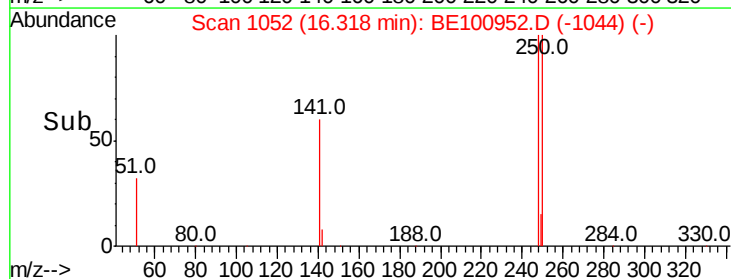
141 60.9 66.6 100.0#

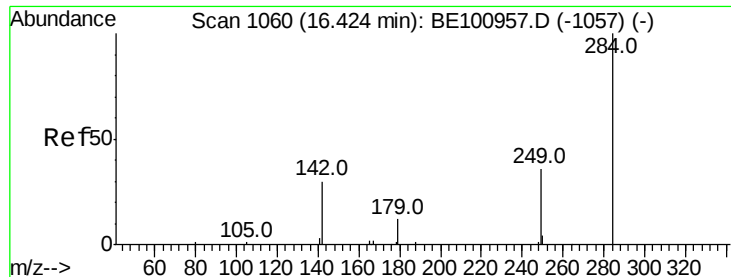


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.540 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

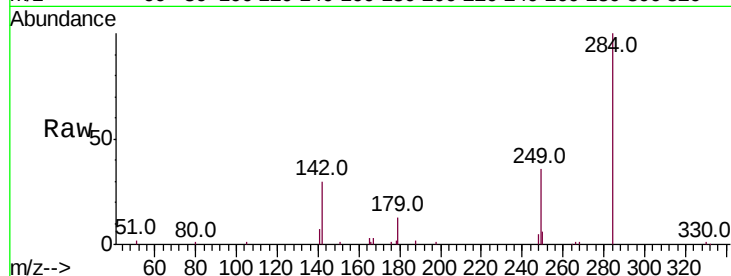
Tot Ion:284 Resp: 16037

Ion Ratio Lower Upper

284 100

142 42.9 33.8 50.6

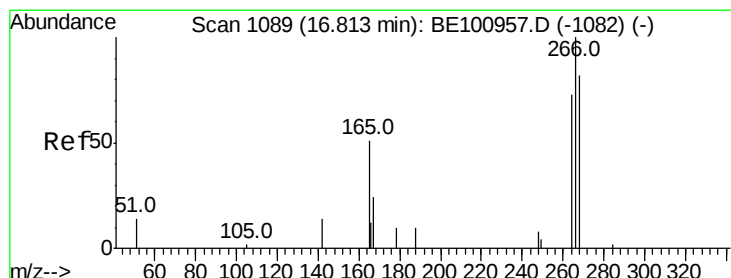
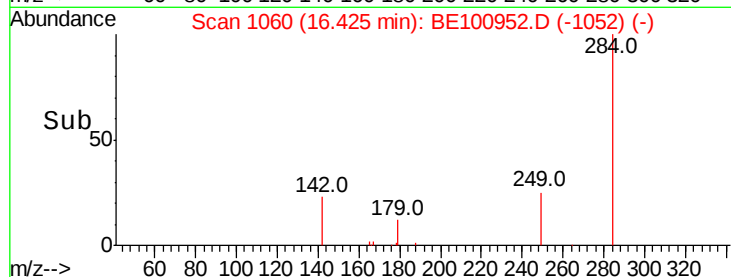
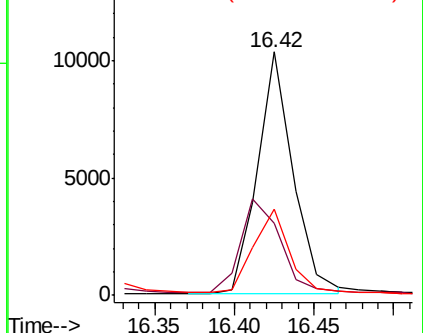
249 34.9 26.7 40.1



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: 3.526 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.03 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

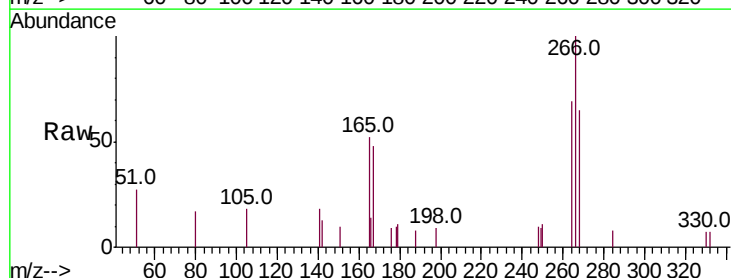
Tgt Ion:266 Resp: 2540

Ion Ratio Lower Upper

266 100

264 68.9 64.5 96.7

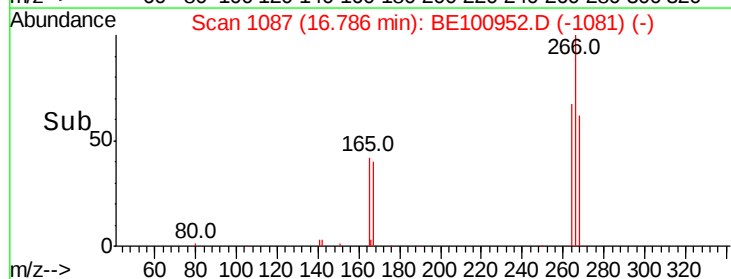
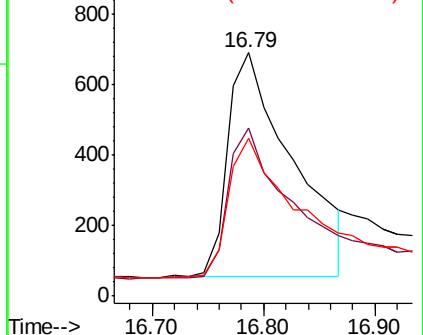
268 64.9 74.6 111.8#

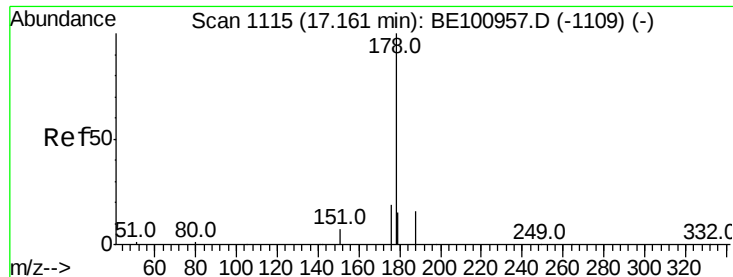


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.472 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

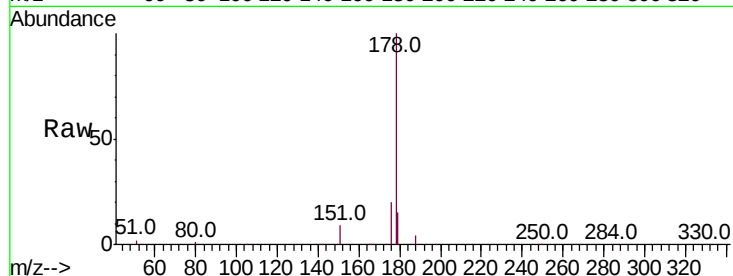
Tot Ion:178 Resp: 87107

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

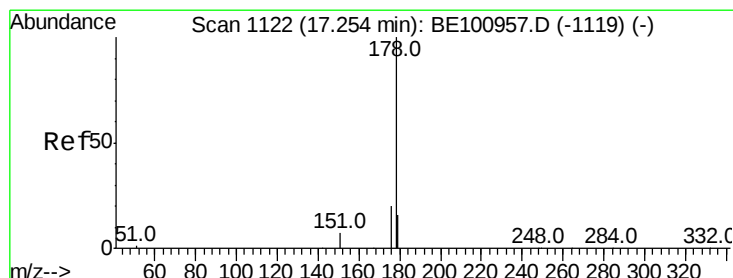
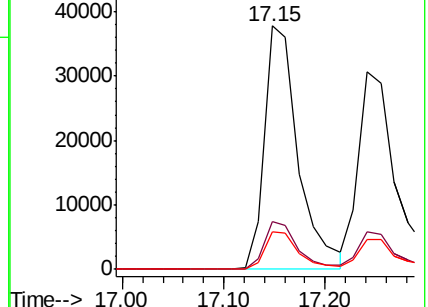
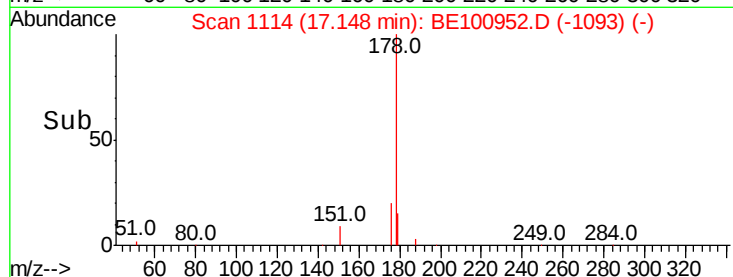
179 15.3 12.5 18.7



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: 1.355 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

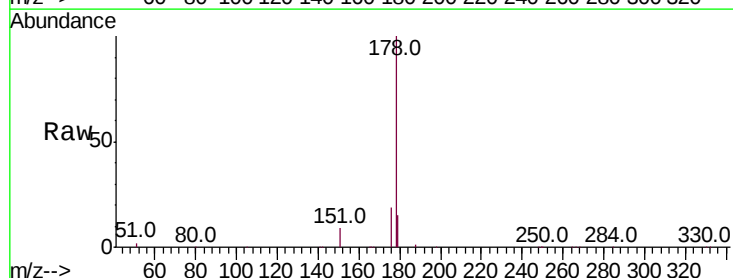
Tgt Ion:178 Resp: 67068

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

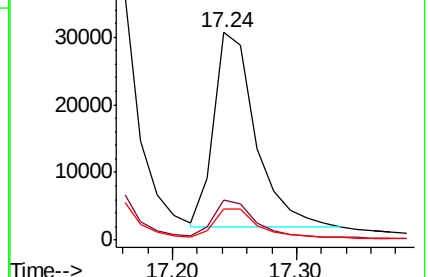
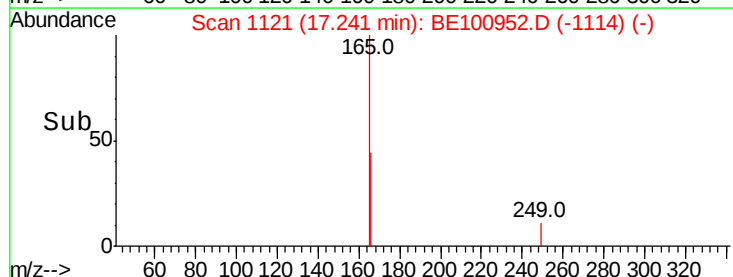
179 15.2 12.0 18.0

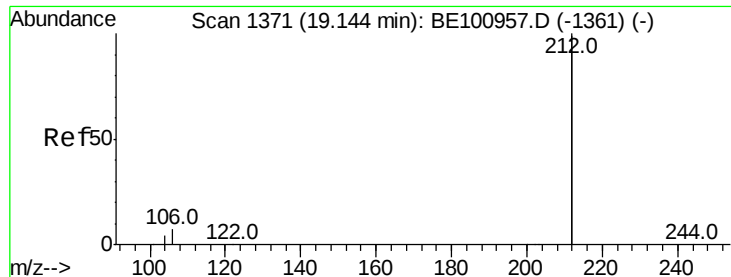


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.719 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

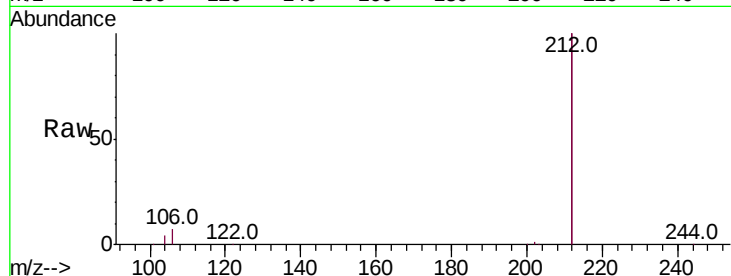
Tot Ion:212 Resp: 397096

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

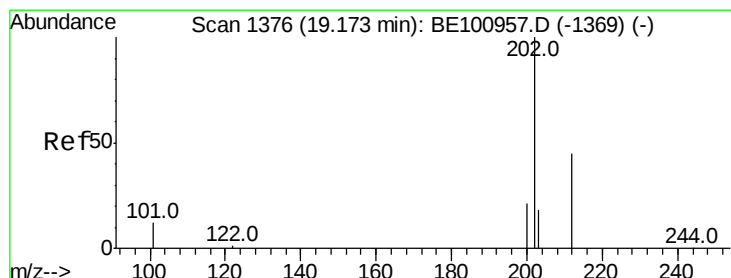
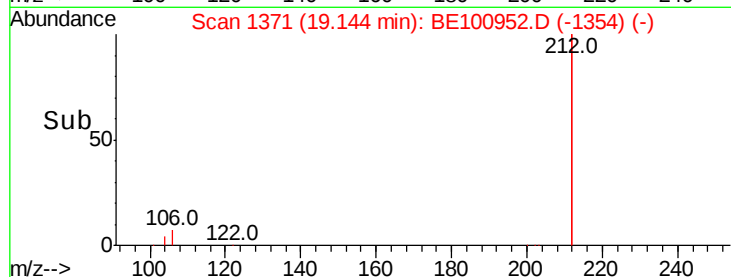
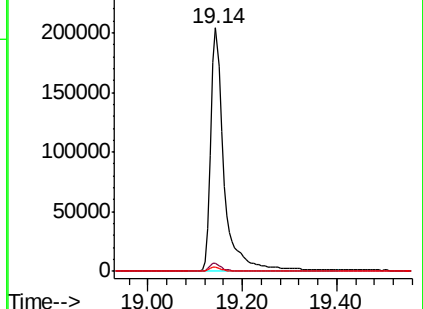
104 1.9 1.4 2.2



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: 1.642 ng

RT: 19.17 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

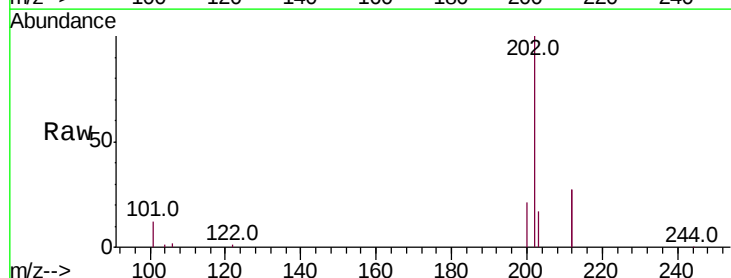
Tgt Ion:202 Resp: 115972

Ion Ratio Lower Upper

202 100

101 12.1 9.0 13.6

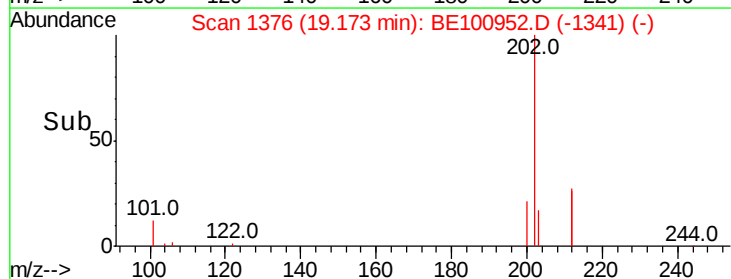
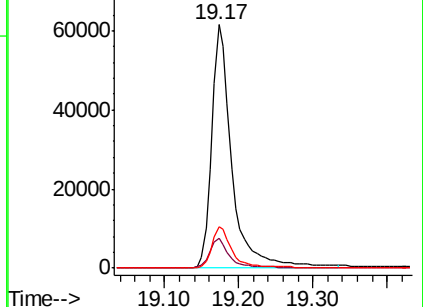
203 16.7 13.4 20.0

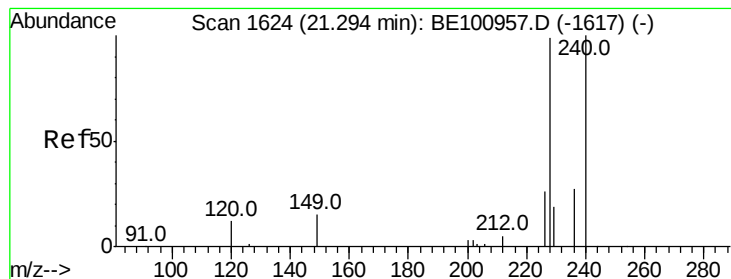


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

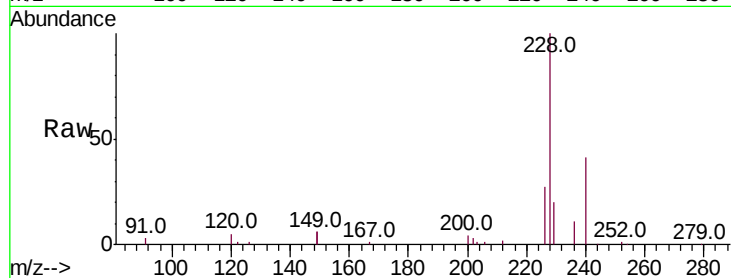
Tot Ion:240 Resp: 20444

Ion Ratio Lower Upper

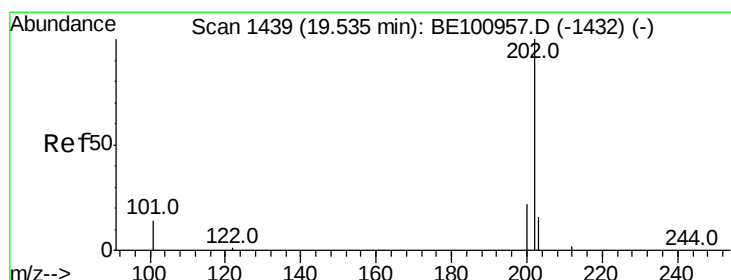
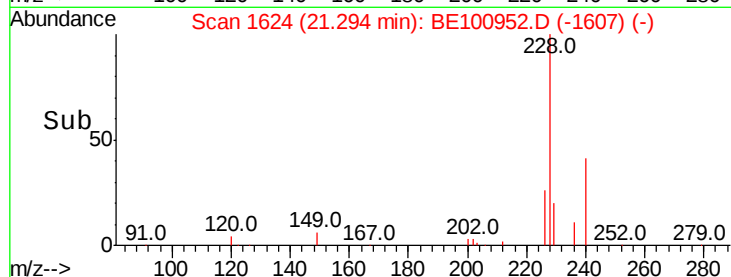
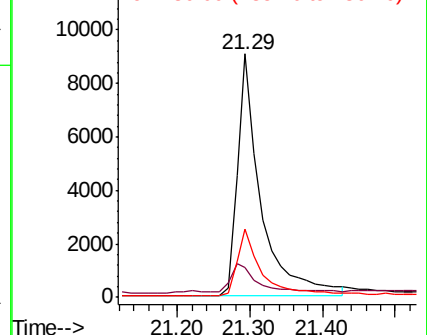
240 100

120 12.2 11.5 17.3

236 27.9 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: 1.811 ng

RT: 19.53 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

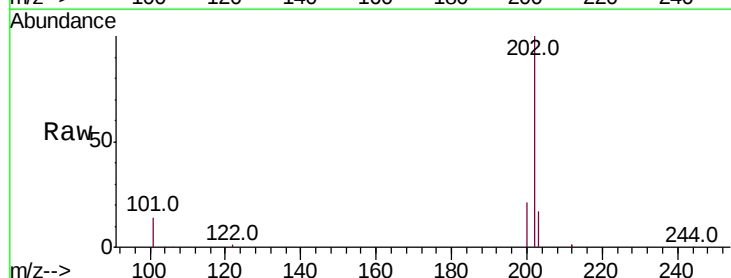
Tgt Ion:202 Resp: 120299

Ion Ratio Lower Upper

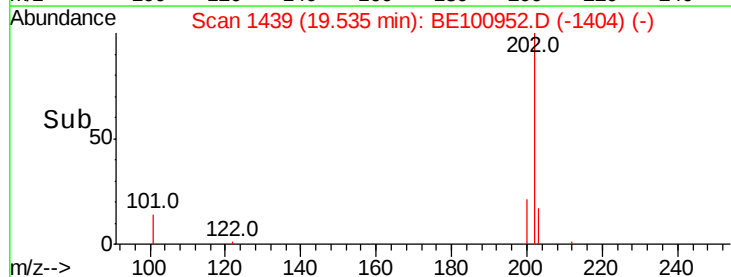
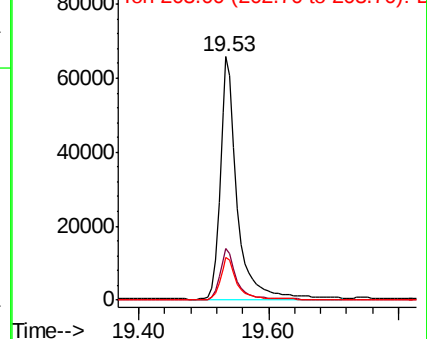
202 100

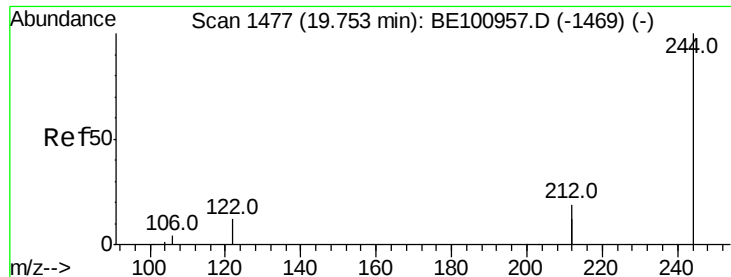
200 21.2 16.4 24.6

203 17.5 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: 1.618 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

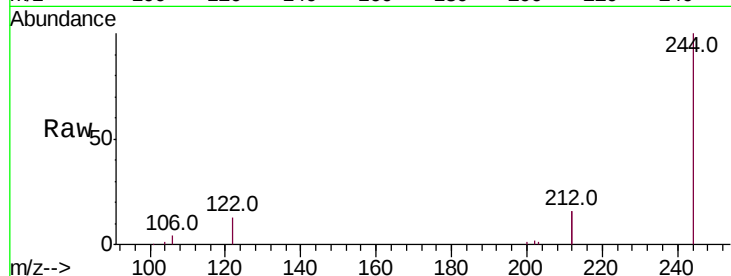
Tot Ion:244 Resp: 79228

Ion Ratio Lower Upper

244 100

212 32.4 30.2 45.2

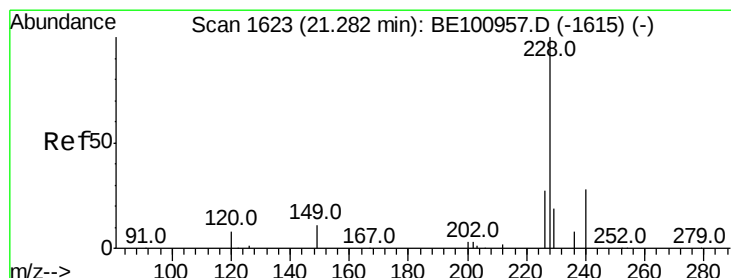
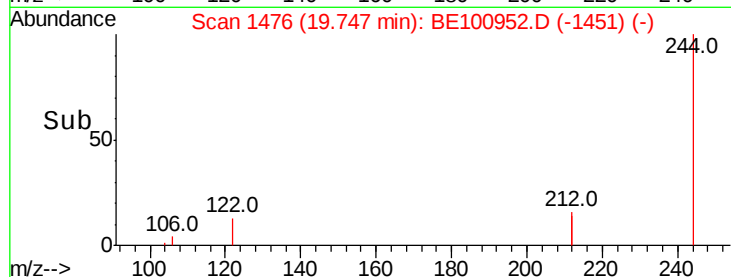
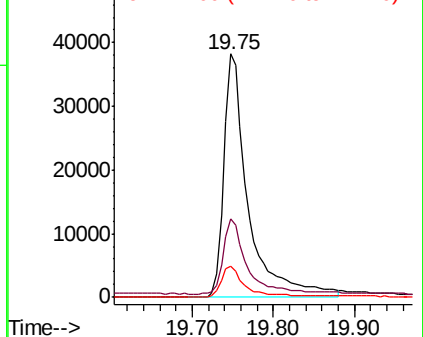
122 12.9 10.7 16.1



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: 1.596 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

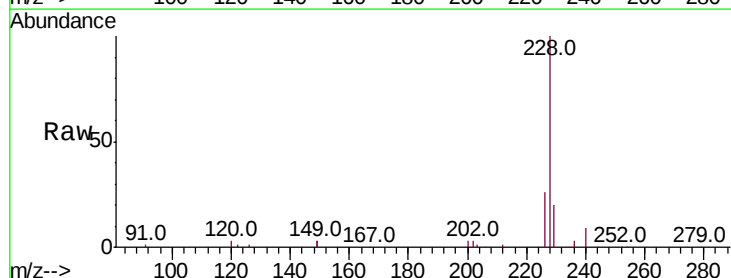
Tgt Ion:228 Resp: 96187

Ion Ratio Lower Upper

228 100

226 26.0 21.9 32.9

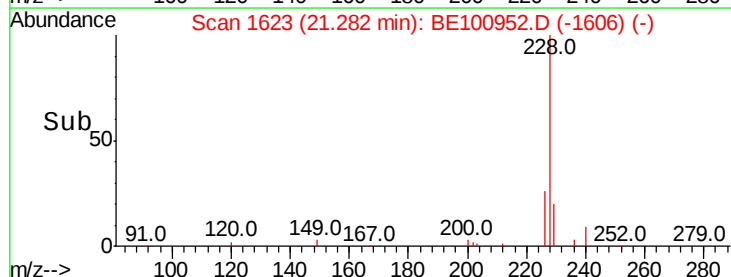
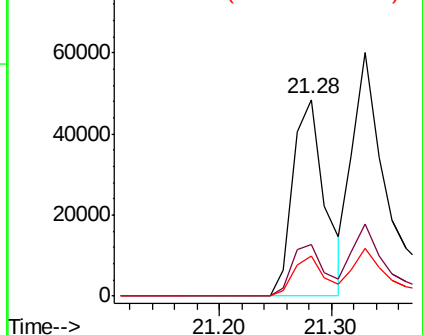
229 20.1 15.9 23.9

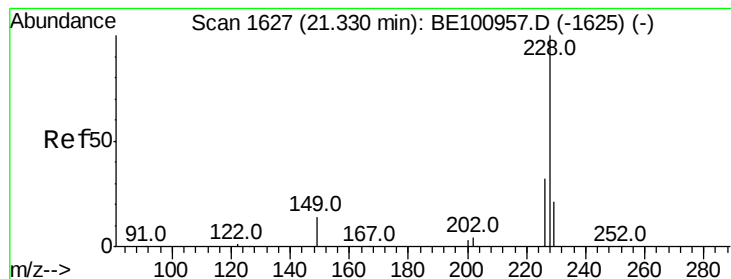


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.512 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

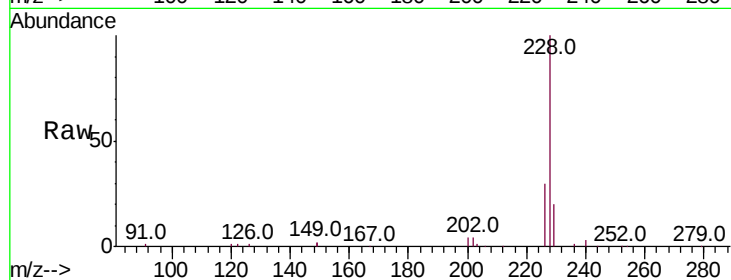
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 107046

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	19.6	16.6	24.8

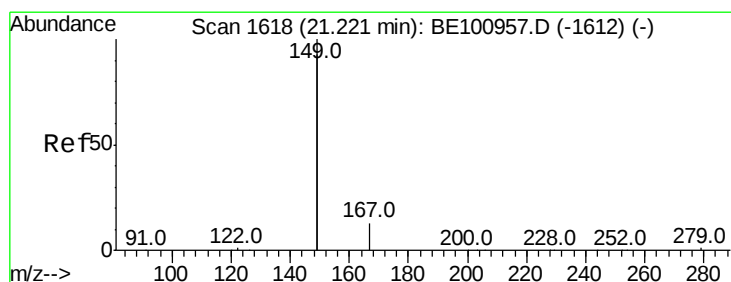
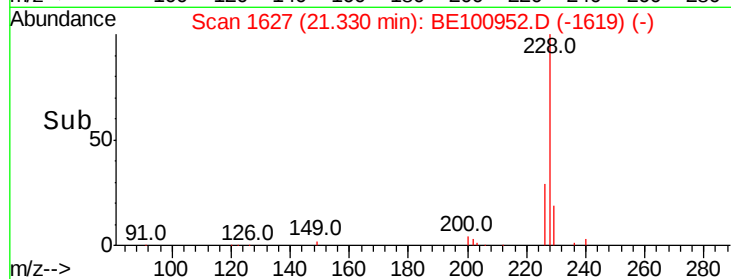
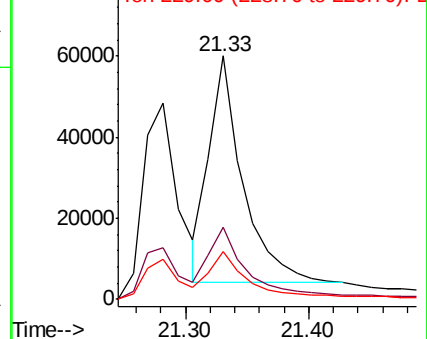


Abundance

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: 4.904 ng

RT: 21.22 min Scan# 1618

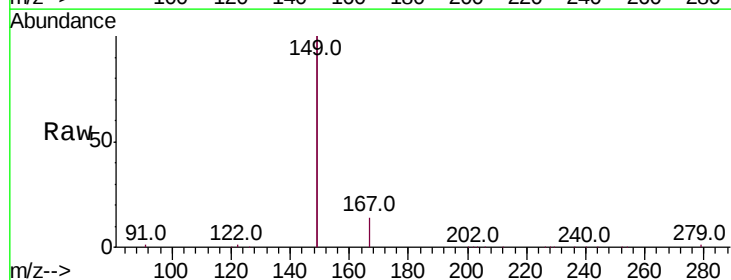
Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Tgt Ion:149 Resp: 267807

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.0	7.6
279	0.9	0.7	1.1

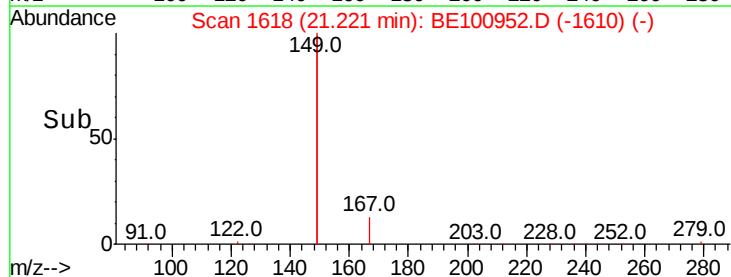
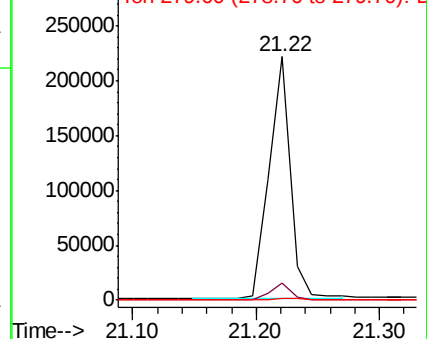


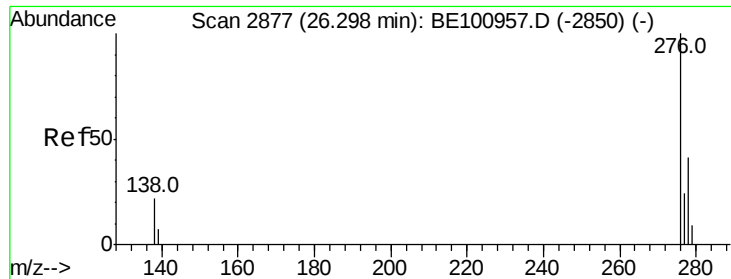
Abundance

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

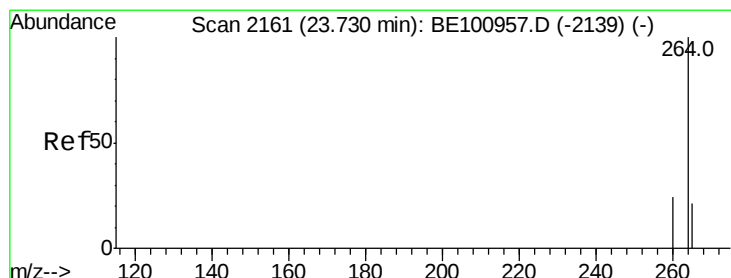
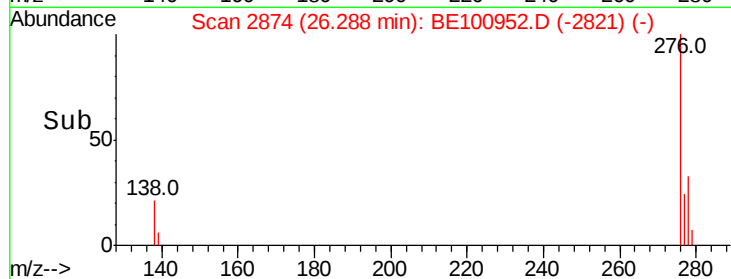
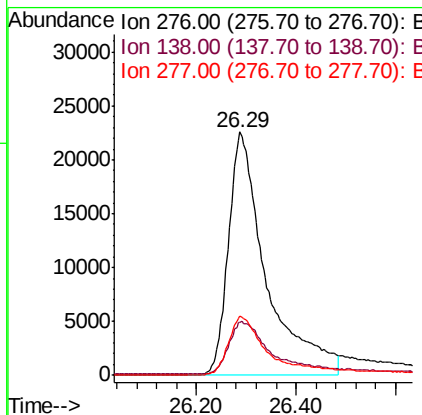
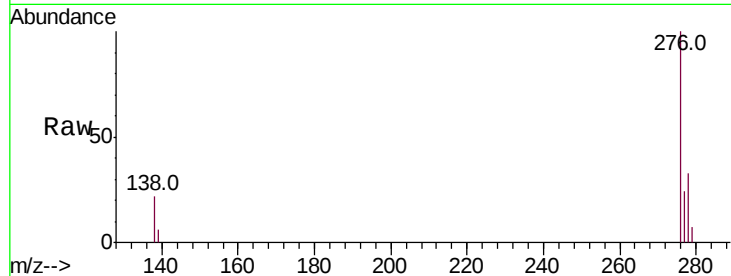




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.923 ng
 RT: 26.29 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BE100952.D
 Acq: 19 Dec 2019 19:01

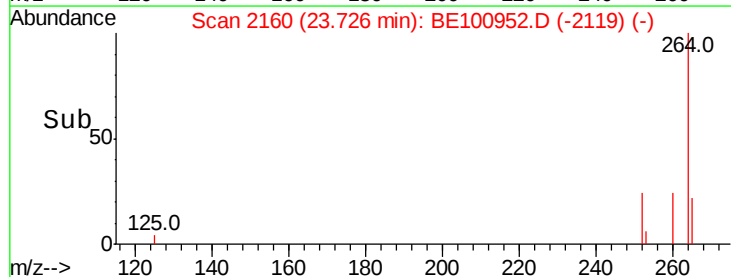
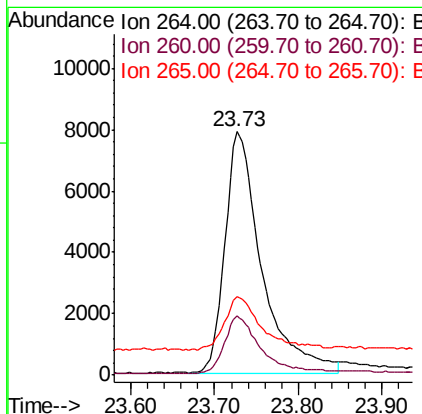
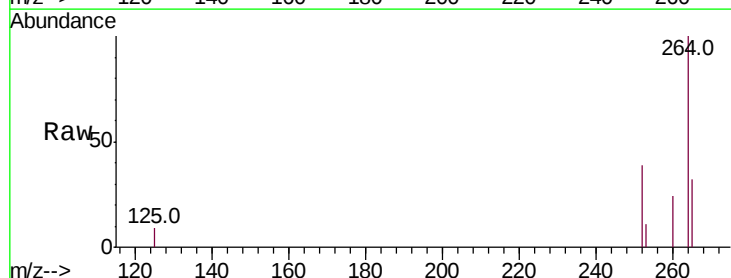
Instrument :
 BNA_E
 ClientSampleId :

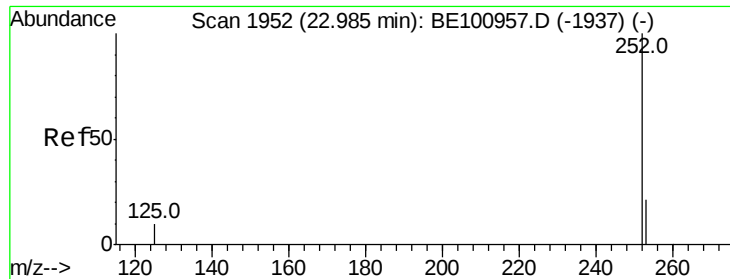
Tot Ion:276 Resp: 118624
 Ion Ratio Lower Upper
 276 100
 138 23.4 9.0 13.4#
 277 24.8 5.9 8.9#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100952.D
 Acq: 19 Dec 2019 19:01

Tgt Ion:264 Resp: 24007
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 32.5 26.4 39.6





#35

Benzo(b)fluoranthene

Concen: 1.441 ng

RT: 22.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

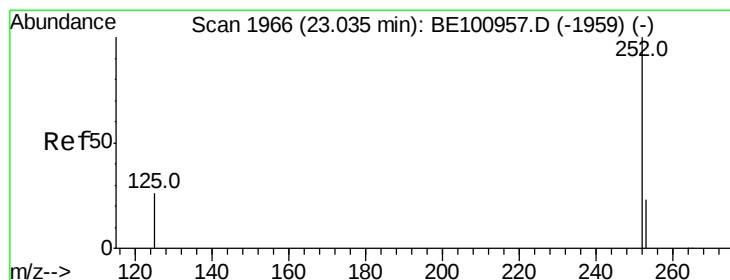
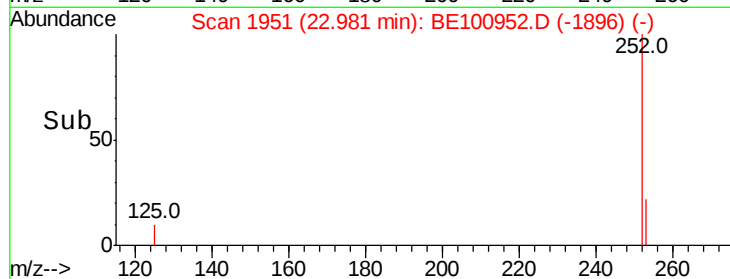
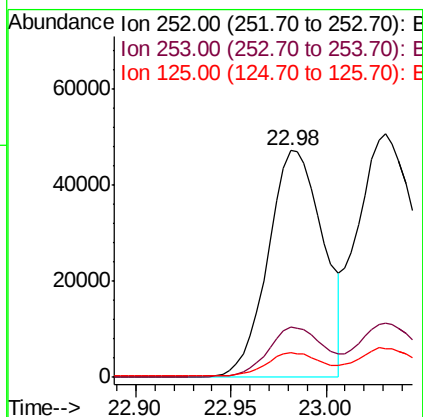
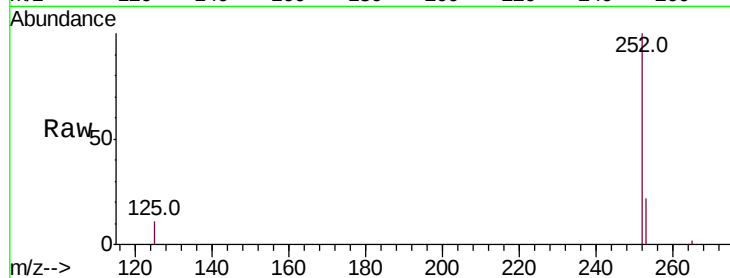
Tot Ion:252 Resp: 94687

Ion Ratio Lower Upper

252 100

253 22.1 18.6 27.8

125 10.7 10.2 15.2



#36

Benzo(k)fluoranthene

Concen: 1.998 ng

RT: 23.03 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

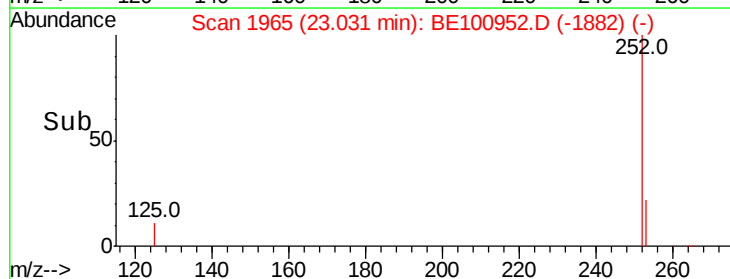
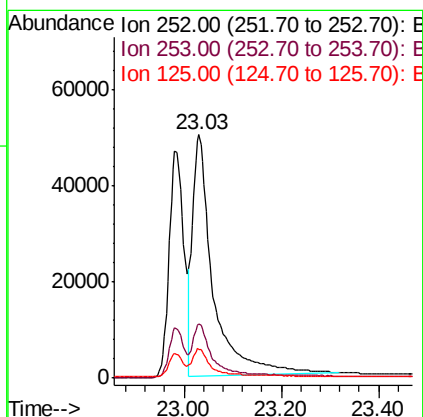
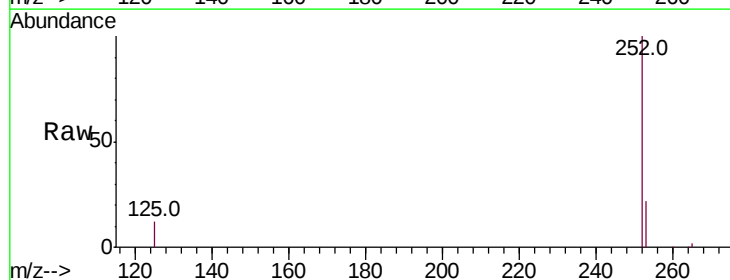
Tgt Ion:252 Resp: 147240

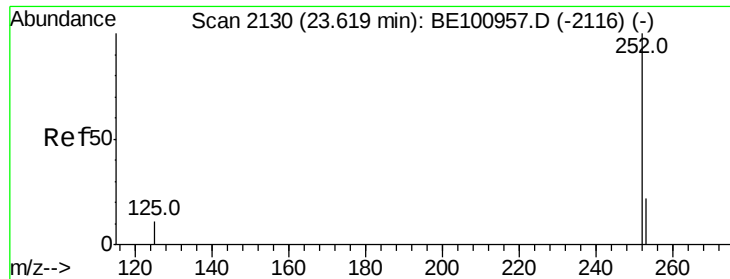
Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

125 12.0 17.9 26.9#





#37

Benzo(a)pyrene

Concen: 1.807 ng

RT: 23.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

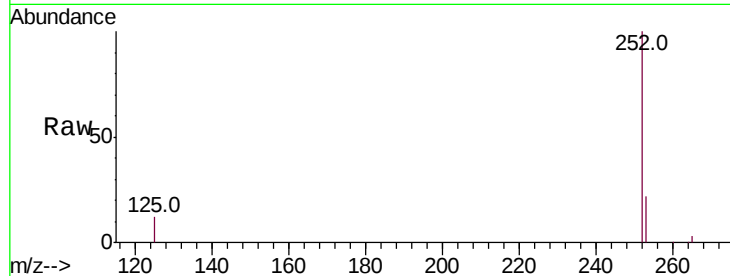
Tot Ion:252 Resp: 102815

Ion Ratio Lower Upper

252 100

253 22.2 19.9 29.9

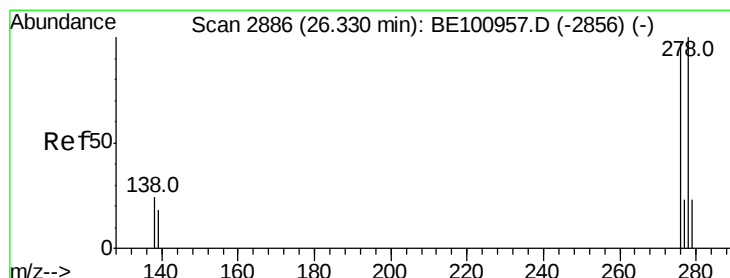
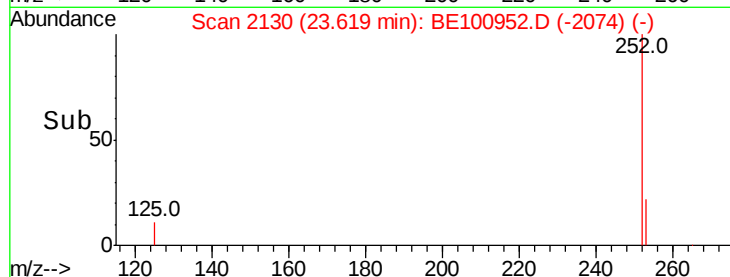
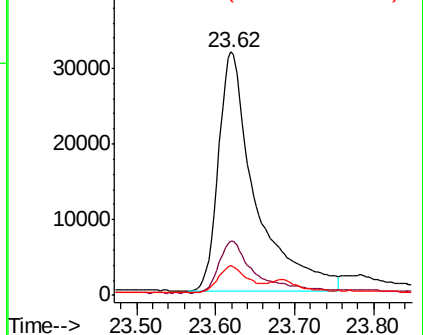
125 12.2 12.3 18.5#



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: 1.603 ng

RT: 26.32 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

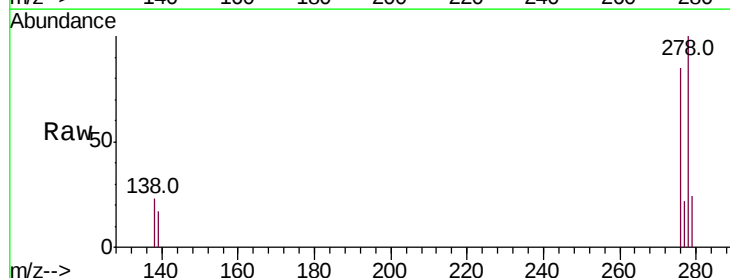
Tgt Ion:278 Resp: 90760

Ion Ratio Lower Upper

278 100

139 16.6 17.0 25.6#

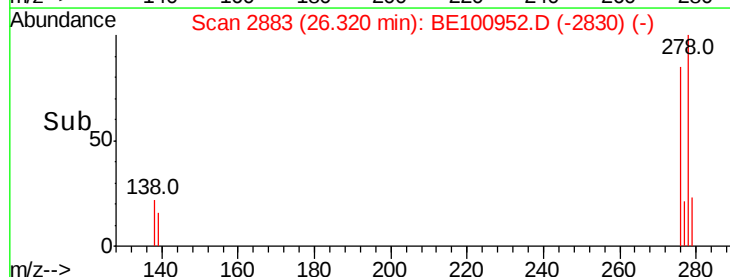
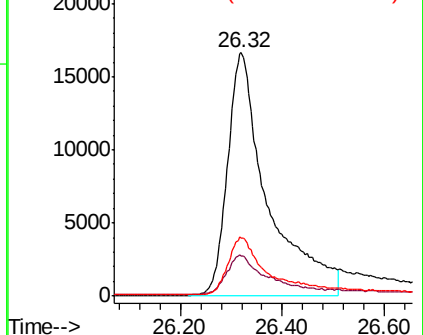
279 23.9 21.1 31.7

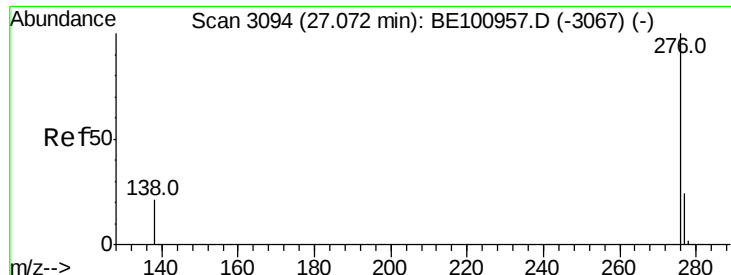


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.752 ng

RT: 27.08 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BE100952.D

Acq: 19 Dec 2019 19:01

Instrument :

BNA_E

ClientSampleId :

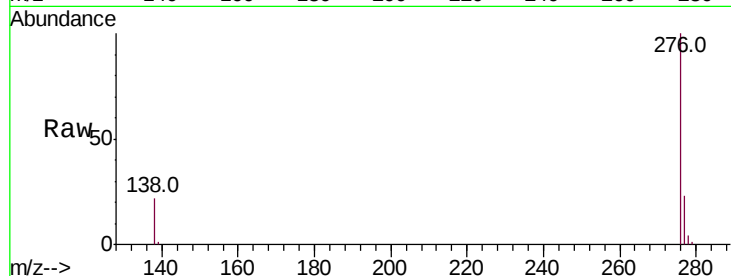
Tot Ion:276 Resp: 106037

Ion Ratio Lower Upper

276 100

277 23.5 19.9 29.9

138 22.0 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

