

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100605.D
 Acq On : 8 Oct 2019 13:00
 Operator : JU
 Sample : PB123706BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:45:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3768	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17474	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10512	0.40	ng	0.00
19) Phenanthrene-d10	17.18	188	23693	0.40	ng	0.00
27) Chrysene-d12	21.33	240	28947	0.40	ng	0.00
34) Perylene-d12	23.78	264	35212	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3570	0.35	ng	0.00
5) Phenol-d6	6.99	99	4621	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	3797	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10222	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	749	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14785	0.39	ng	0.00
25) Fluoranthene-d10	19.20	212	106880	0.37	ng	0.00
29) Terphenyl-d14	19.79	244	26796	0.42	ng	0.00

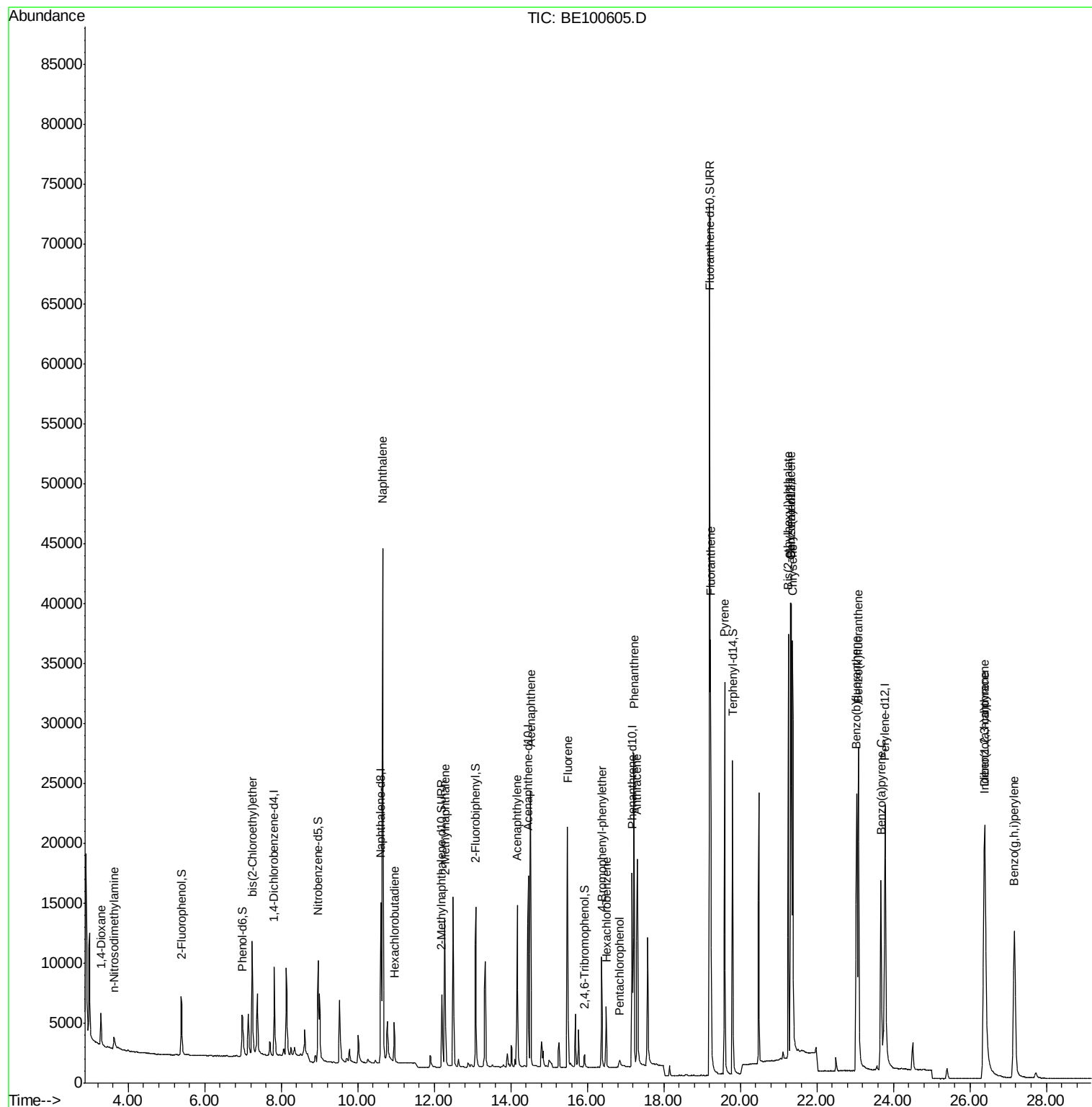
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	2405	0.379	ng	96
3) n-Nitrosodimethylamine	3.62	42	989	0.331	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	4514	0.381	ng	98
9) Naphthalene	10.65	128	71877	0.399	ng	100
10) Hexachlorobutadiene	10.95	225	2310	0.397	ng	100
12) 2-Methylnaphthalene	12.28	142	11650	0.393	ng	96
16) Acenaphthylene	14.17	152	15916	0.356	ng	100
17) Acenaphthene	14.51	154	11231	0.376	ng	99
18) Fluorene	15.49	166	14352	0.376	ng	99
20) 4-Bromophenyl-phenylether	16.37	248	4425	0.377	ng	92
21) Hexachlorobenzene	16.49	284	3825	0.387	ng	97
22) Pentachlorophenol	16.84	266	525	0.454	ng	97
23) Phenanthrene	17.22	178	27076	0.402	ng	99
24) Anthracene	17.31	178	20061	0.346	ng	100
26) Fluoranthene	19.22	202	31406	0.378	ng	100
28) Pyrene	19.59	202	32110	0.433	ng	100
30) Benzo(a)anthracene	21.32	228	29684	0.367	ng	99
31) Chrysene	21.37	228	34486	0.398	ng	96
32) Bis(2-ethylhexyl)phthalate	21.26	149	36803	0.238	ng	100
33) Indeno(1,2,3-cd)pyrene	26.37	276	38392	0.377	ng	99
35) Benzo(b)fluoranthene	23.04	252	33015	0.346	ng	100
36) Benzo(k)fluoranthene	23.08	252	41548	0.383	ng	98
37) Benzo(a)pyrene	23.67	252	30510	0.348	ng	99
38) Dibenzo(a,h)anthracene	26.40	278	31972	0.347	ng	98
39) Benzo(g,h,i)perylene	27.16	276	33383	0.358	ng	100

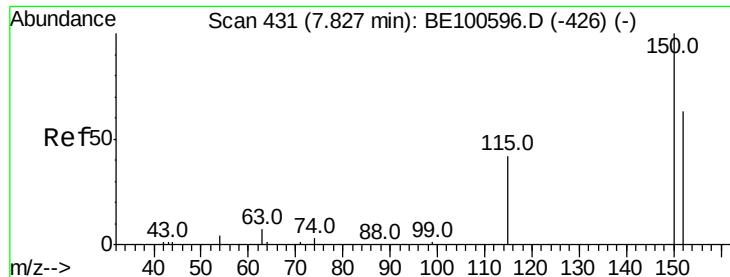
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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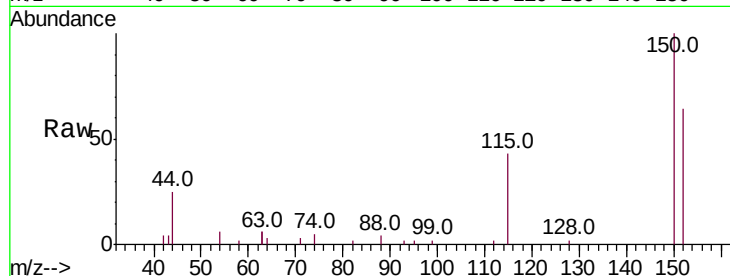


#1

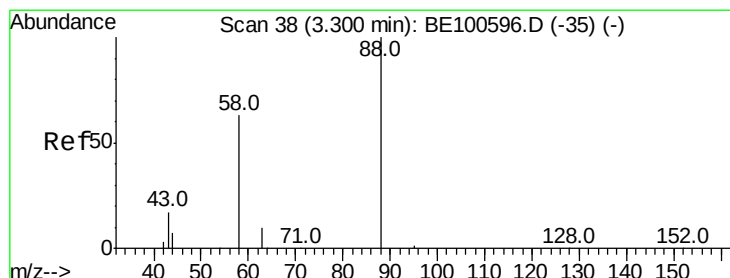
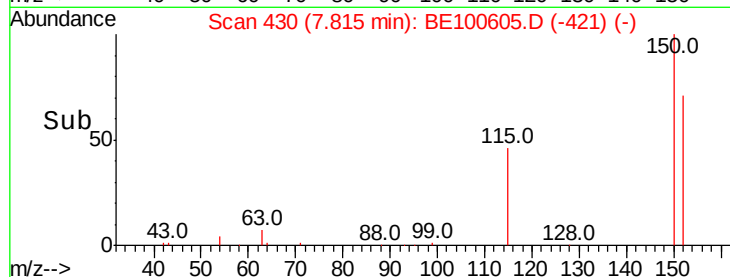
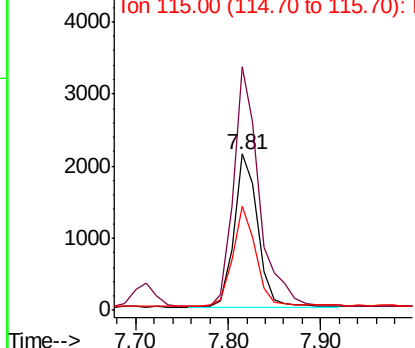
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3768
Ion Ratio Lower Upper
152 100
150 155.6 126.5 189.7
115 66.5 54.6 81.8



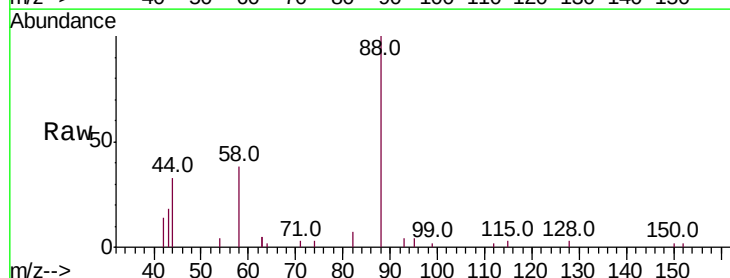
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



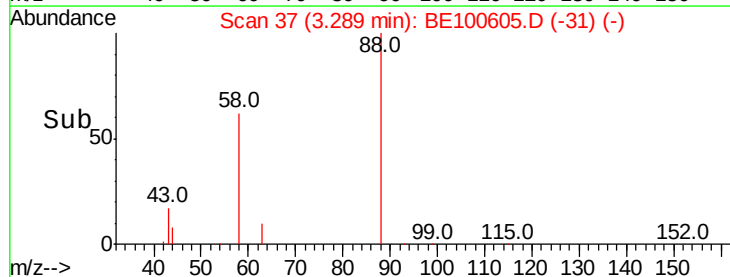
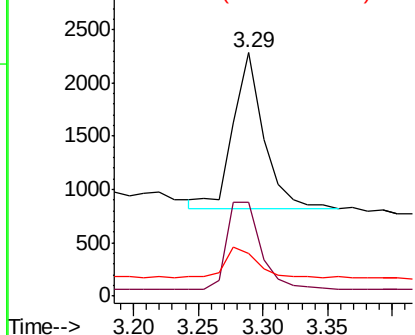
#2

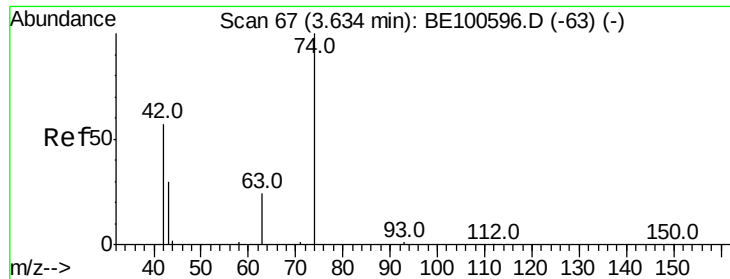
1,4-Dioxane
Concen: 0.379 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion: 88 Resp: 2405
Ion Ratio Lower Upper
88 100
58 63.7 48.1 72.1
43 18.6 14.4 21.6



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: 0.331 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampled :

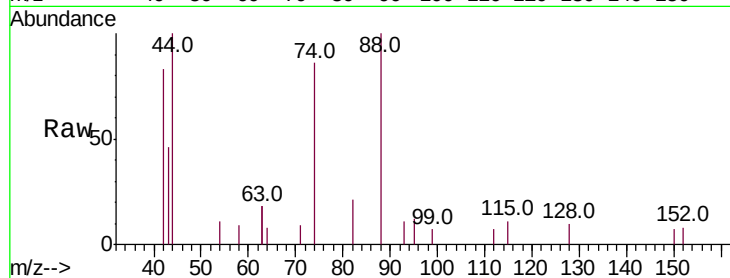
Tot Ion: 42 Resp: 989

Ion Ratio Lower Upper

42 100

74 188.4 136.2 204.2

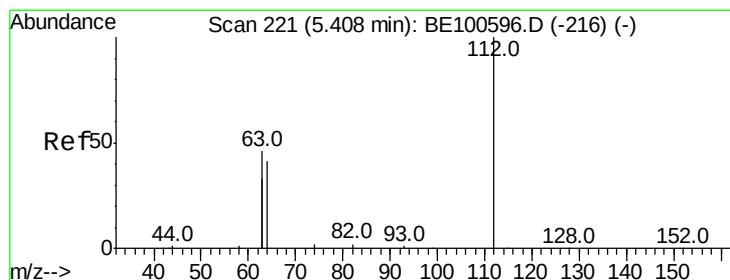
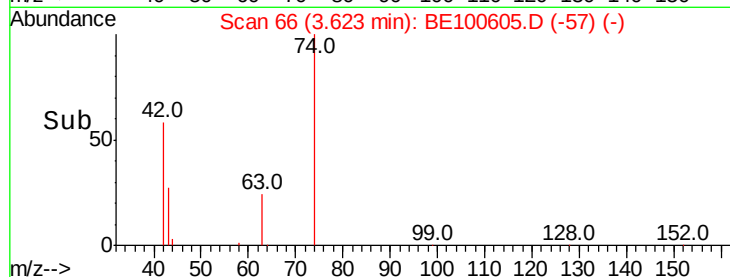
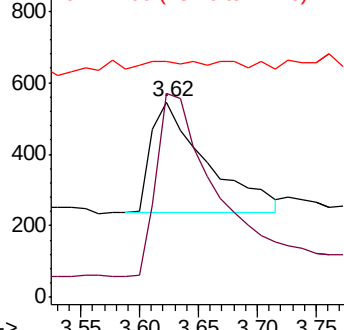
44 5.0 7.4 11.0#



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: 0.351 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

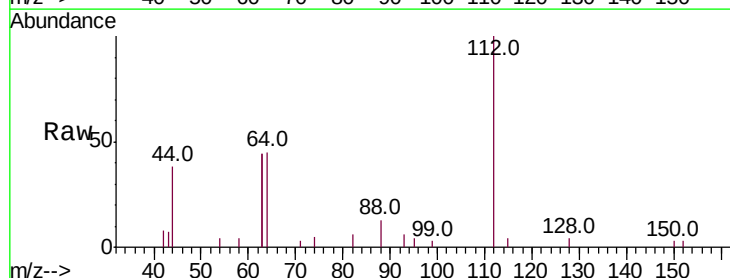
Tgt Ion: 112 Resp: 3570

Ion Ratio Lower Upper

112 100

64 55.1 43.7 65.5

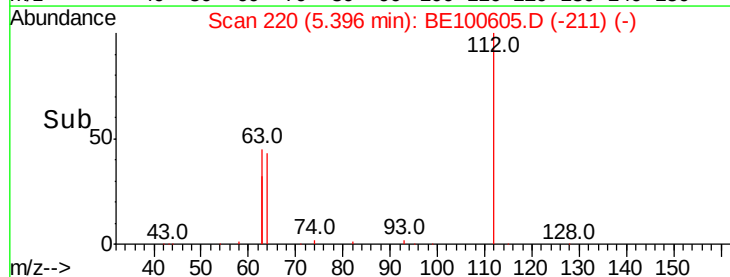
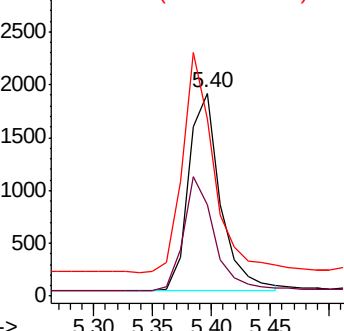
63 106.7 84.5 126.7

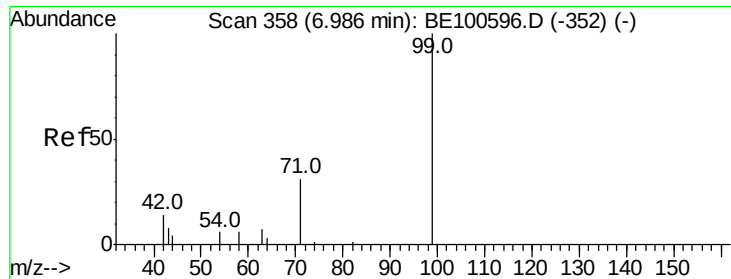


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.362 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampled :

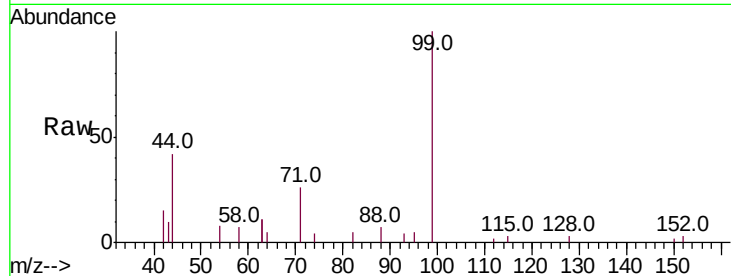
Tot Ion: 99 Resp: 4621

Ion Ratio Lower Upper

99 100

42 15.8 11.7 17.5

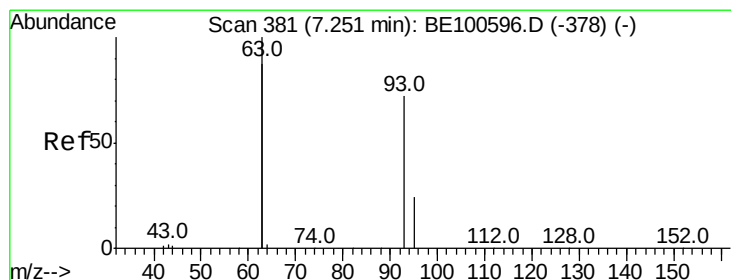
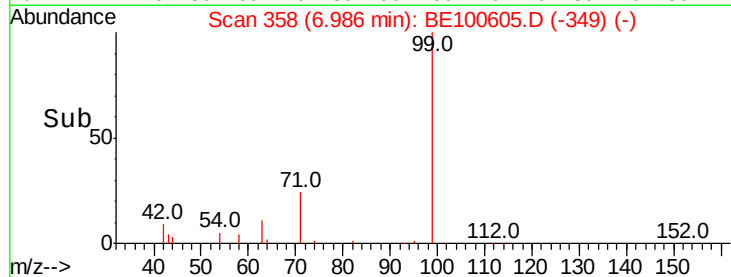
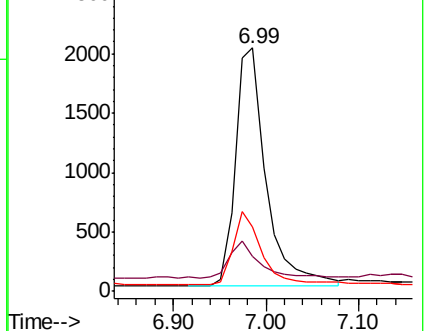
71 28.6 23.0 34.4



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: 0.381 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

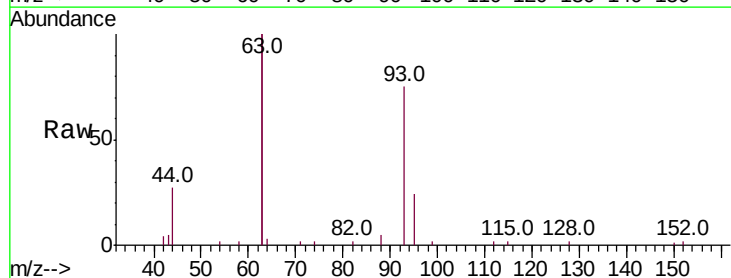
Tgt Ion: 93 Resp: 4514

Ion Ratio Lower Upper

93 100

63 272.8 221.0 331.4

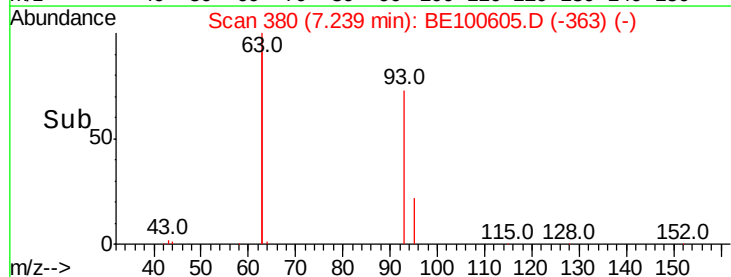
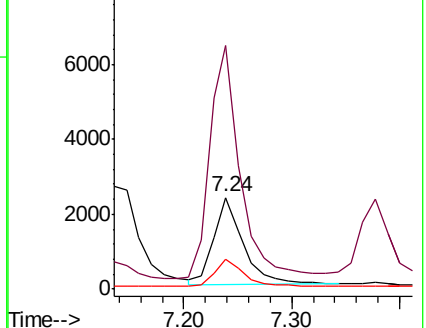
95 31.7 25.4 38.0

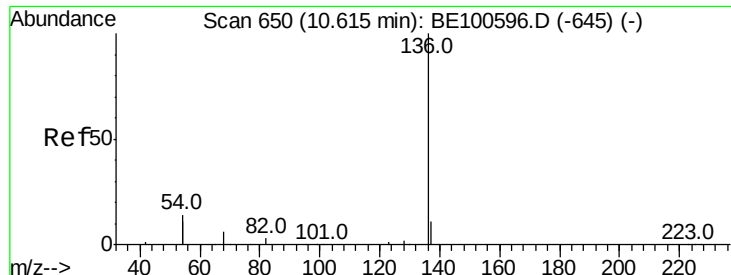


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17474

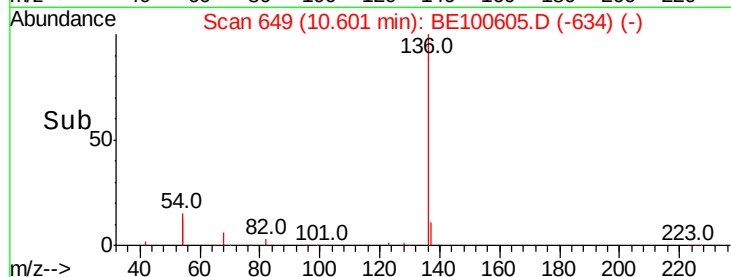
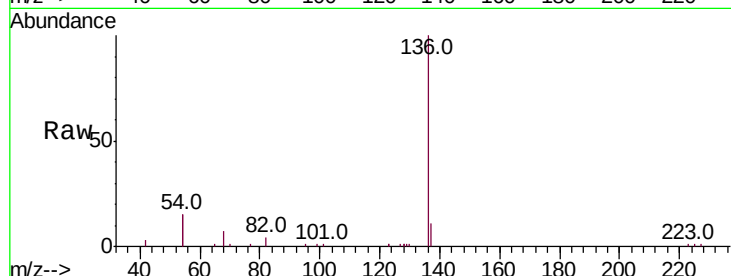
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 29.4 22.4 33.6

68 6.8 5.2 7.8

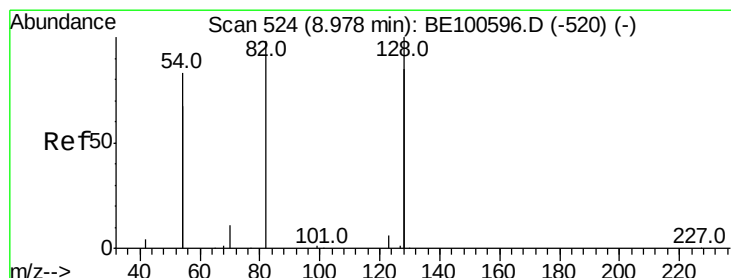
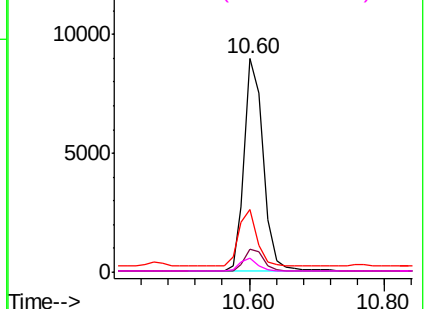


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.348 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

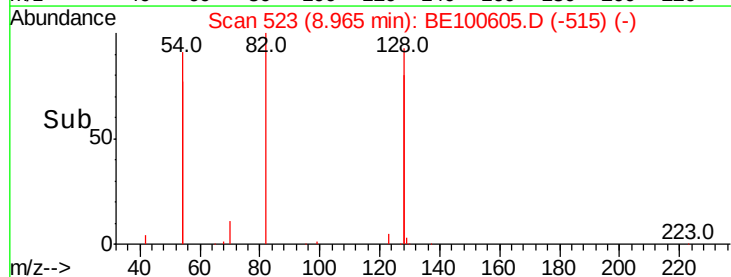
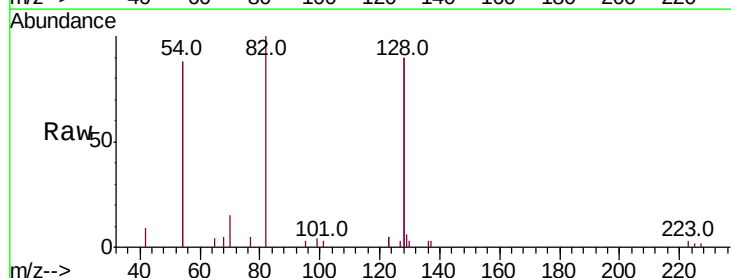
Tgt Ion: 82 Resp: 3797

Ion Ratio Lower Upper

82 100

128 179.9 154.7 232.1

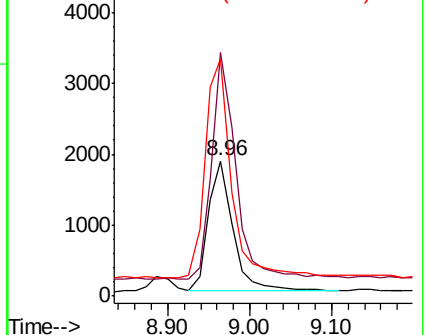
54 175.6 128.5 192.7

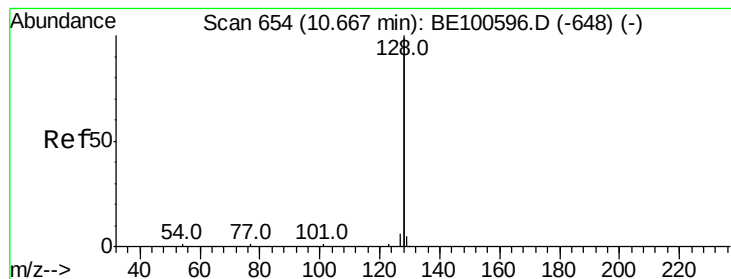


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.399 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

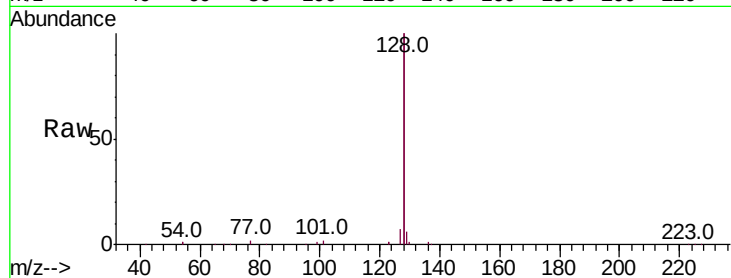
Tot Ion:128 Resp: 71877

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

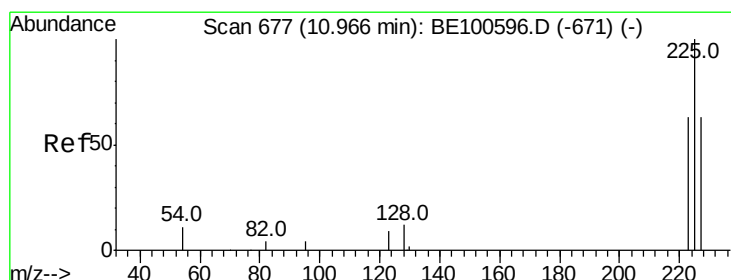
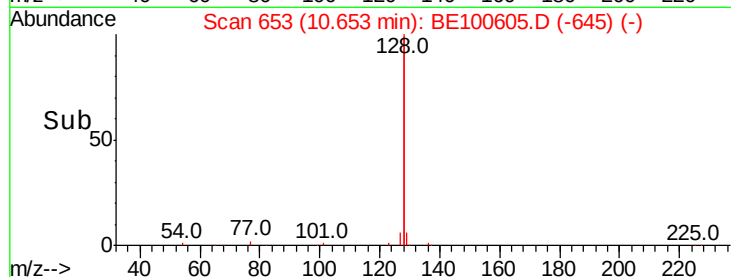
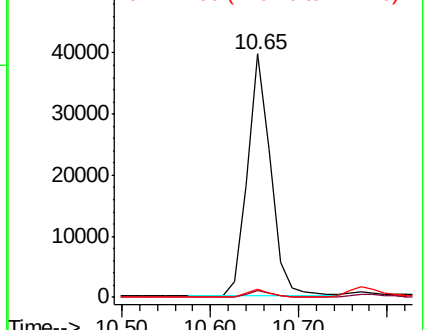
127 3.3 2.6 4.0



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: 0.397 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

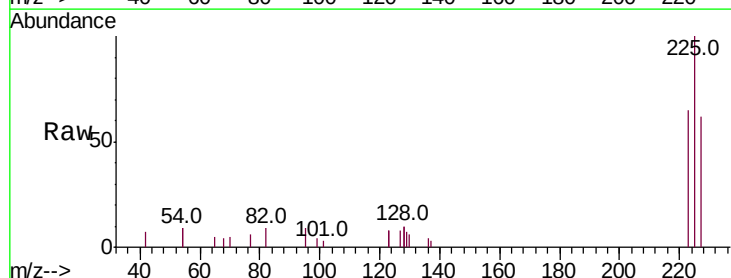
Tgt Ion:225 Resp: 2310

Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.8

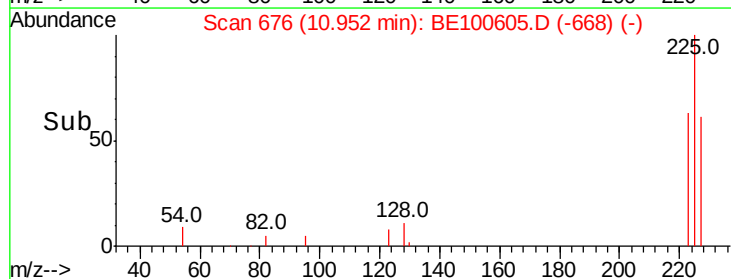
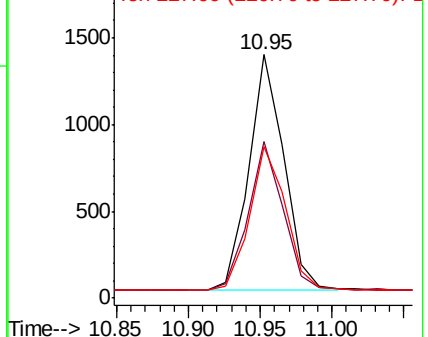
227 63.0 50.1 75.1

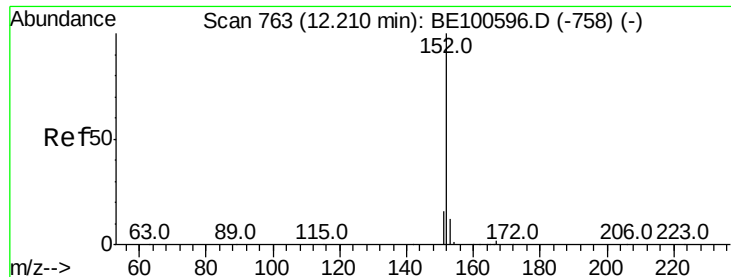


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

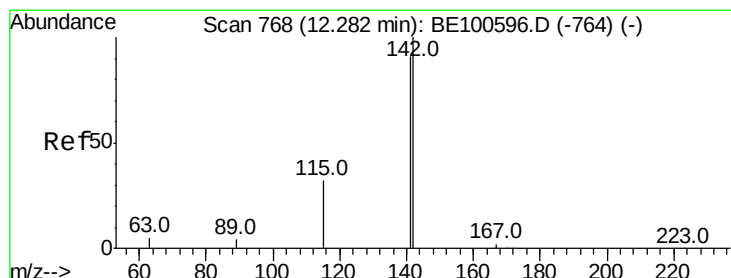
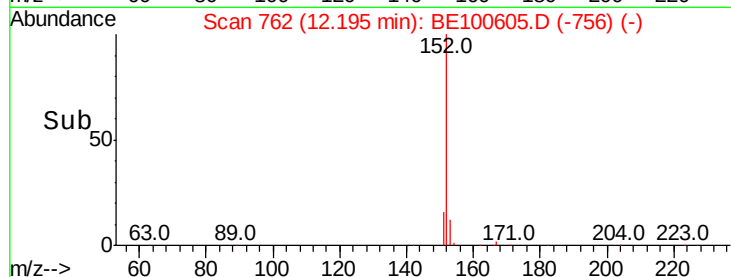
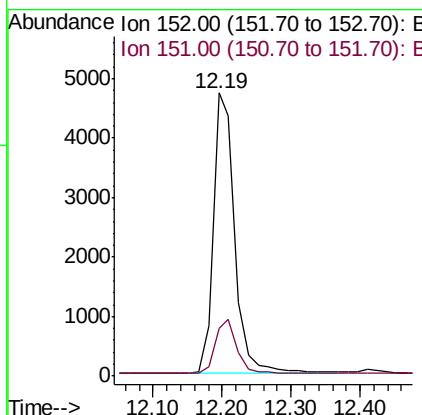
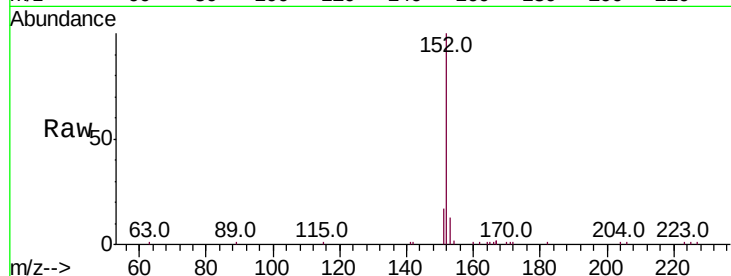




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE100605.D
 Acq: 8 Oct 2019 13:00

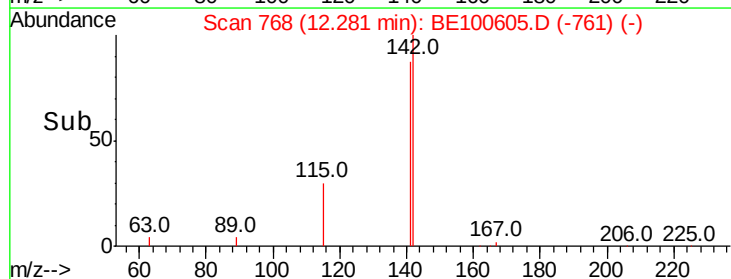
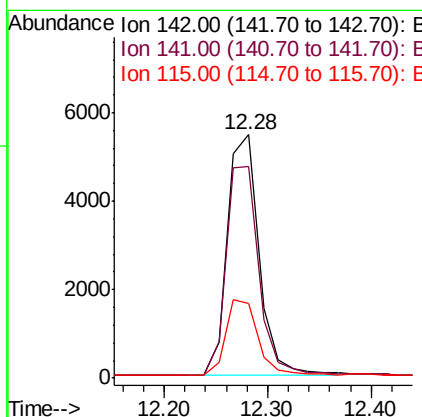
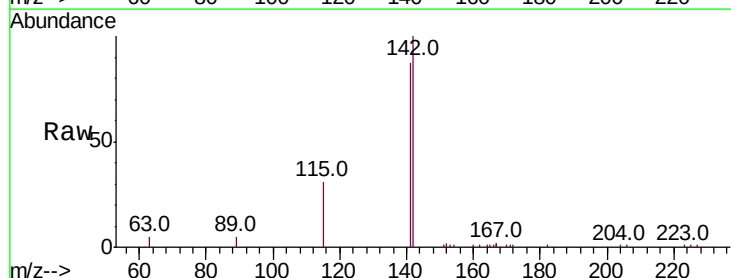
Instrument :
 BNA_E
 ClientSampled :

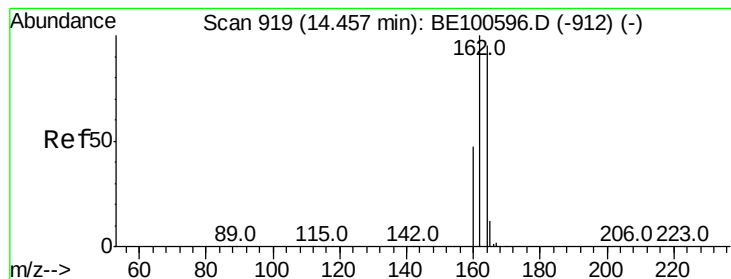
Tot Ion:152 Resp: 10222
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE100605.D
 Acq: 8 Oct 2019 13:00

Tgt Ion:142 Resp: 11650
 Ion Ratio Lower Upper
 142 100
 141 87.0 72.6 108.8
 115 30.8 26.6 40.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

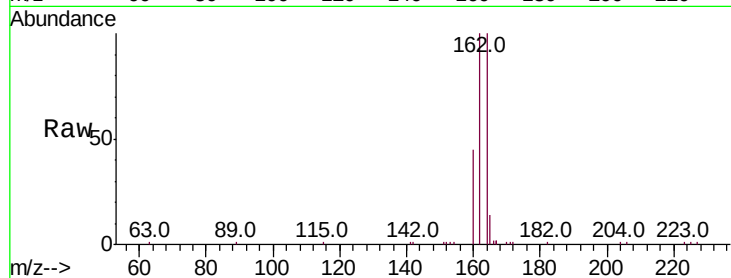
Tot Ion:164 Resp: 10512

Ion Ratio Lower Upper

164 100

162 99.9 84.2 126.4

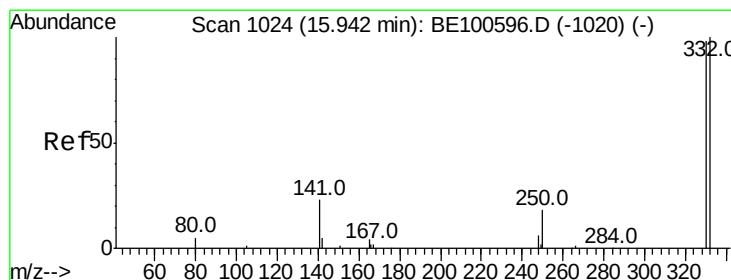
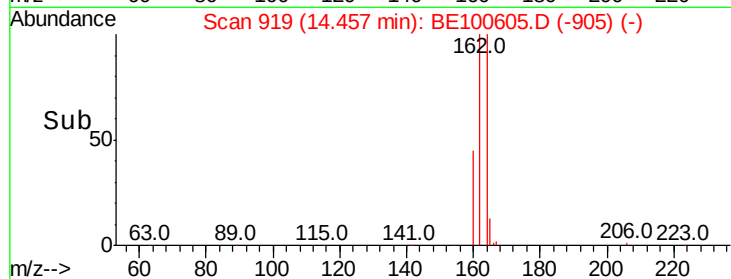
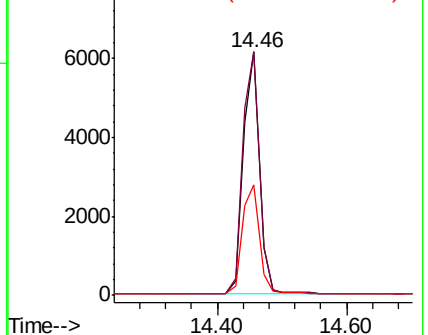
160 45.3 40.2 60.4



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: 0.312 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

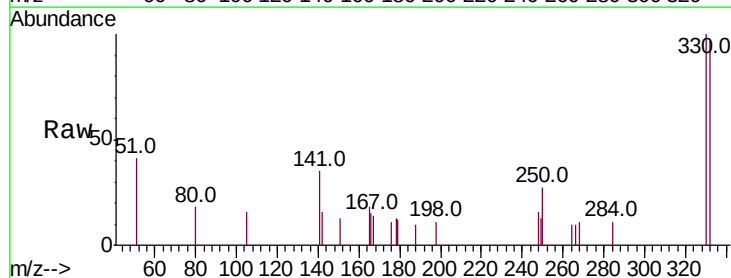
Tgt Ion:330 Resp: 749

Ion Ratio Lower Upper

330 100

332 97.5 78.5 117.7

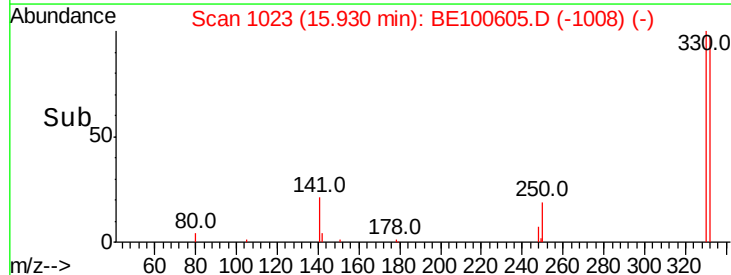
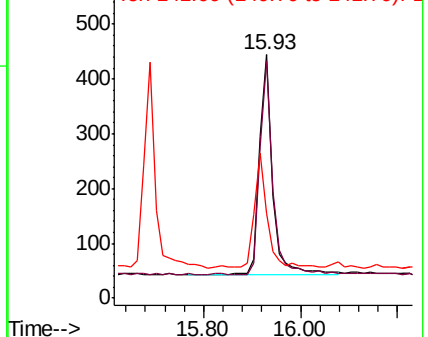
141 51.9 39.4 59.0

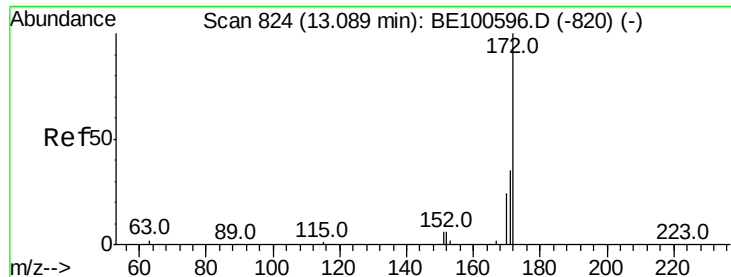


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

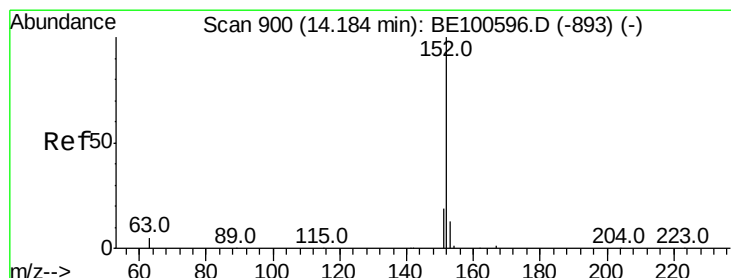
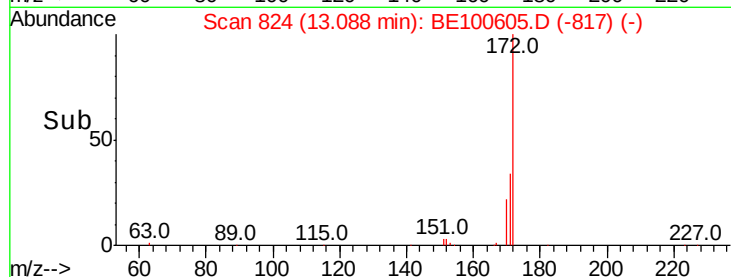
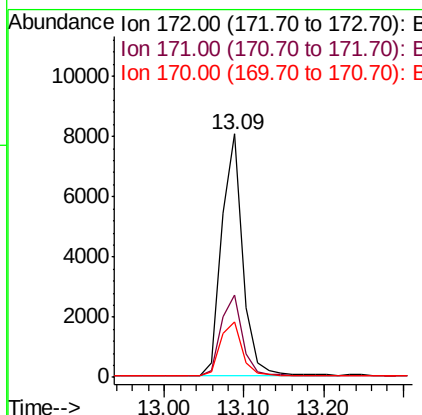
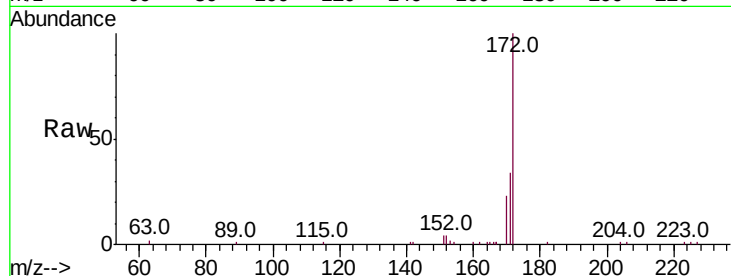




#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

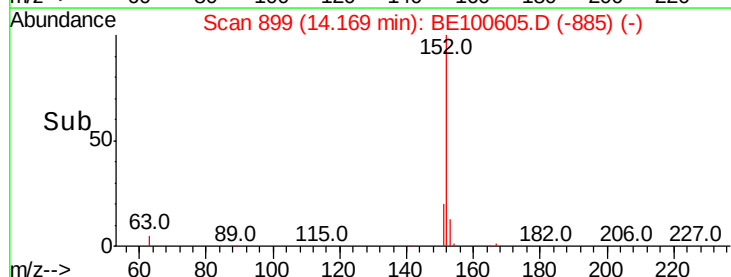
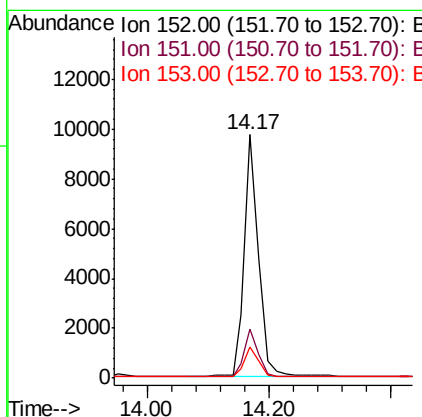
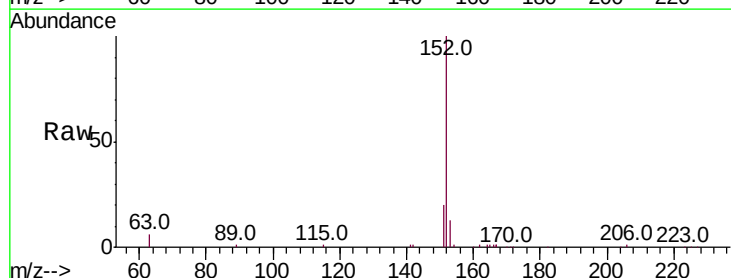
Instrument :
BNA_E
ClientSampleId :

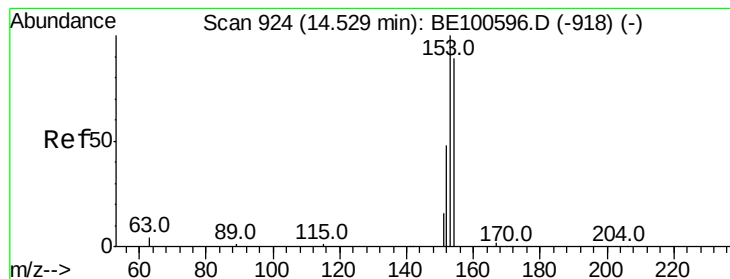
Tot Ion:172 Resp: 14785
Ion Ratio Lower Upper
172 100
171 34.0 28.7 43.1
170 22.7 19.8 29.8



#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.00 min
Lab File: BE100605.D
Acq: 8 Oct 2019 13:00

Tgt Ion:152 Resp: 15916
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.376 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

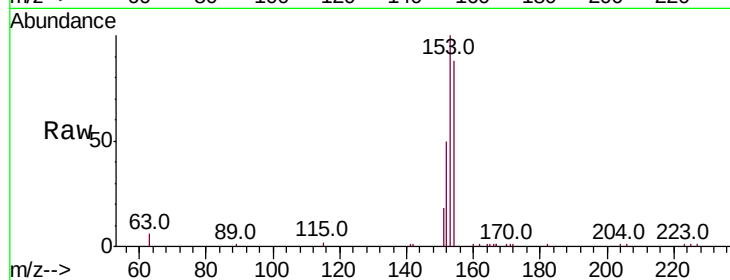
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 11231

Ion	Ratio	Lower	Upper
154	100		
153	115.8	92.3	138.5
152	59.4	46.2	69.2

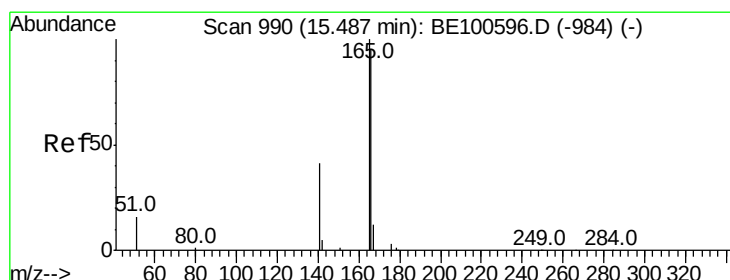
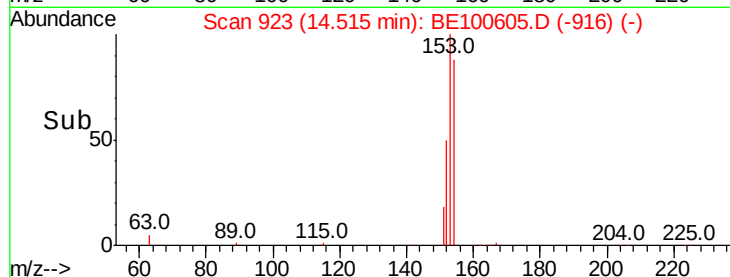
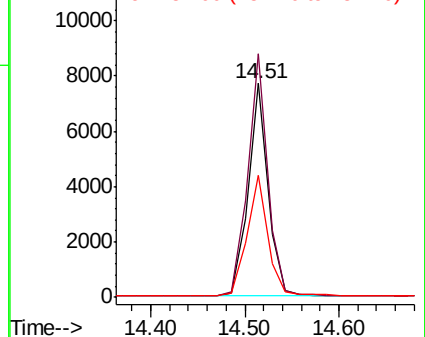


Abundance

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: 0.376 ng

RT: 15.49 min Scan# 990

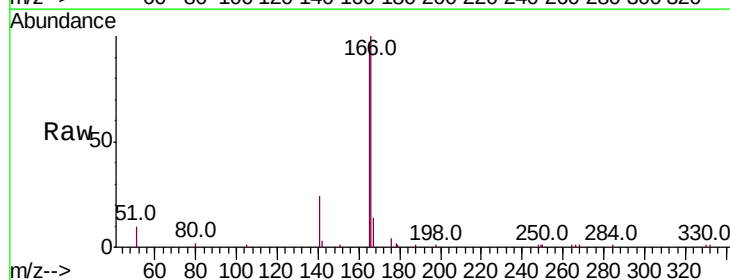
Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Tgt Ion:166 Resp: 14352

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.4	120.6
167	13.4	10.6	15.8

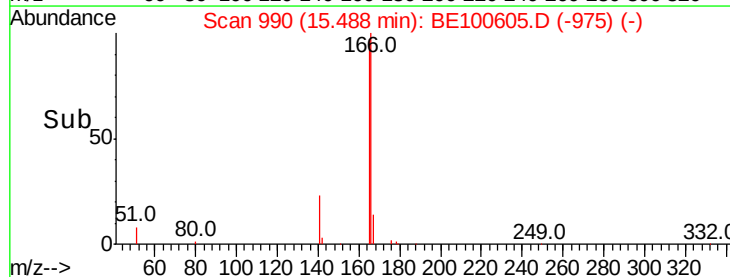
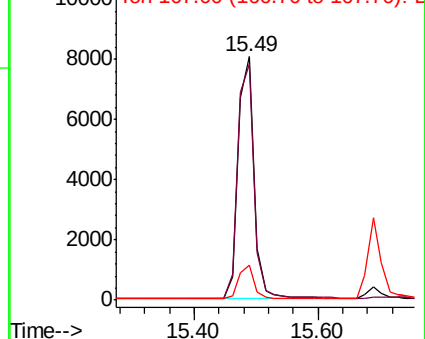


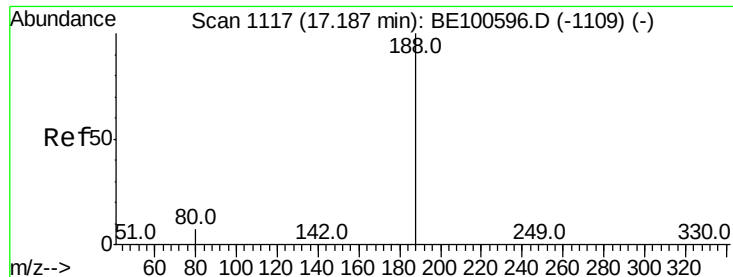
Abundance

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: 17.18 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

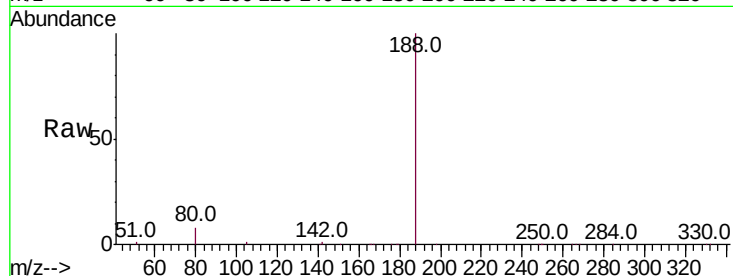
Tot Ion:188 Resp: 23693

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

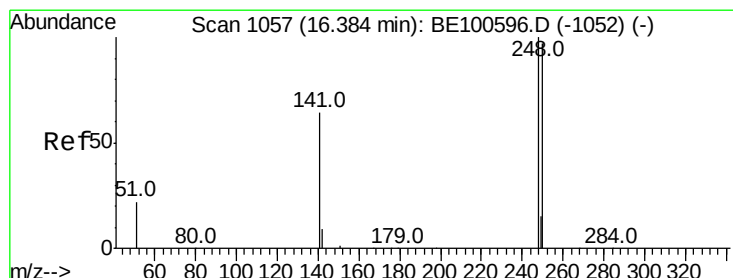
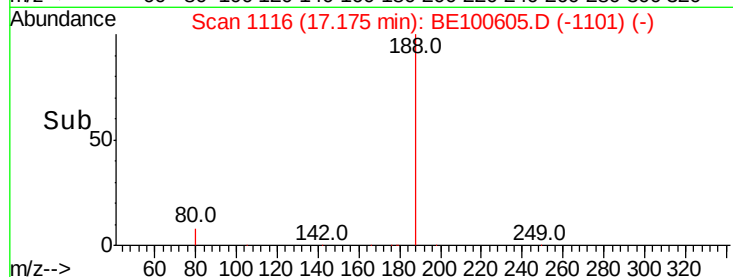
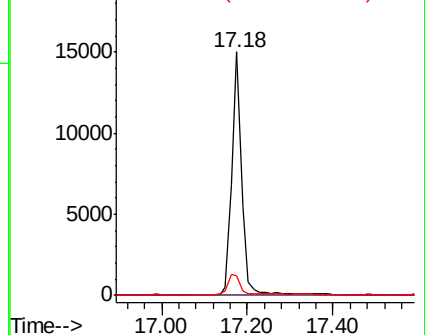
80 8.0 6.2 9.2



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: 0.377 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

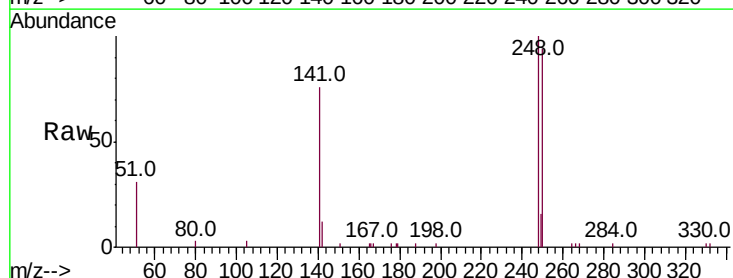
Tgt Ion:248 Resp: 4425

Ion Ratio Lower Upper

248 100

250 93.5 77.4 116.0

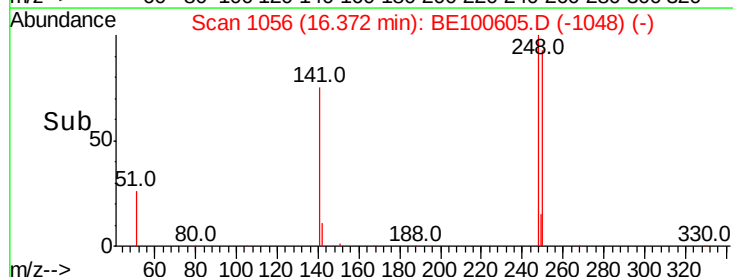
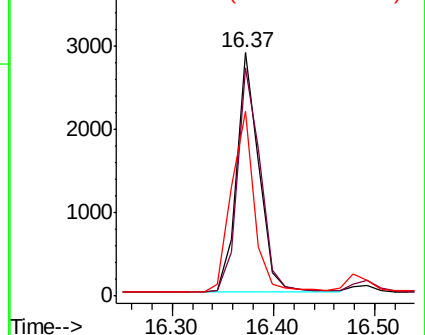
141 76.1 52.1 78.1

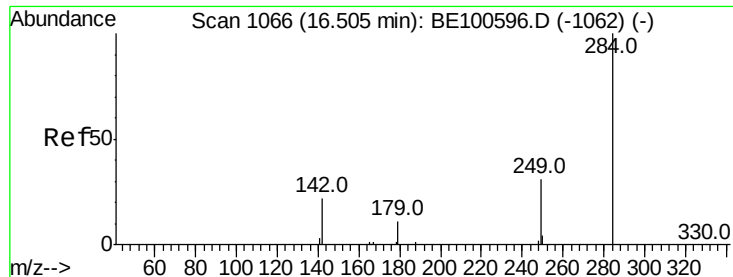


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

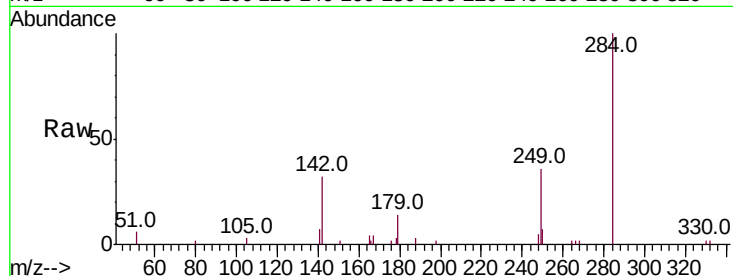
Tot Ion:284 Resp: 3825

Ion Ratio Lower Upper

284 100

142 46.6 35.1 52.7

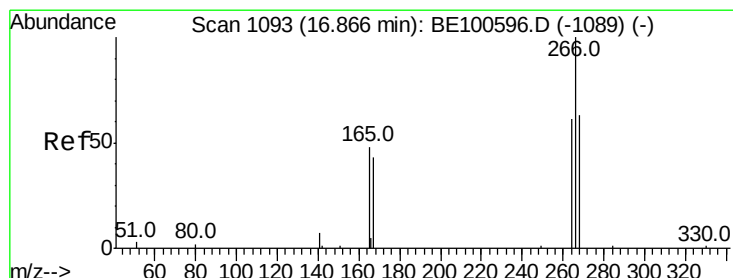
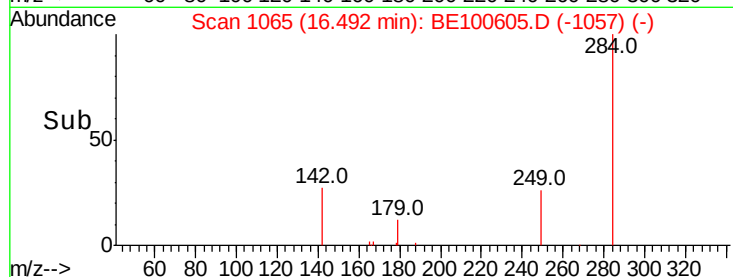
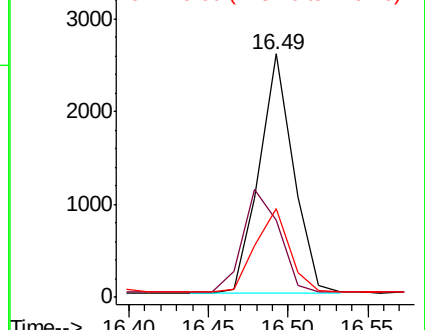
249 35.0 27.2 40.8



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: 0.454 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

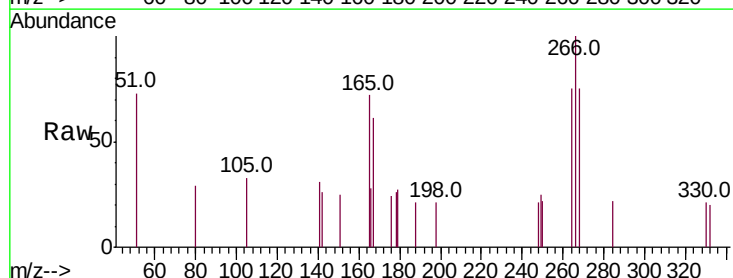
Tgt Ion:266 Resp: 525

Ion Ratio Lower Upper

266 100

264 75.3 56.3 84.5

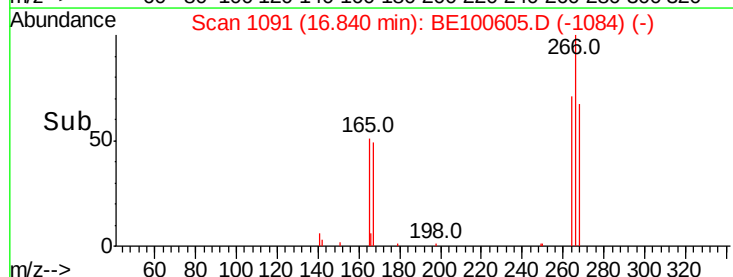
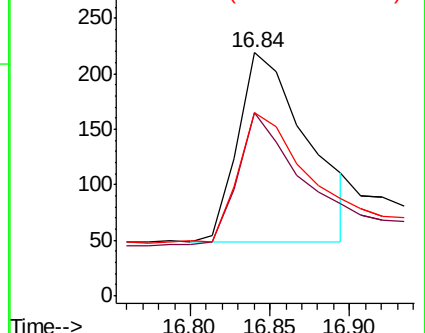
268 75.3 60.3 90.5

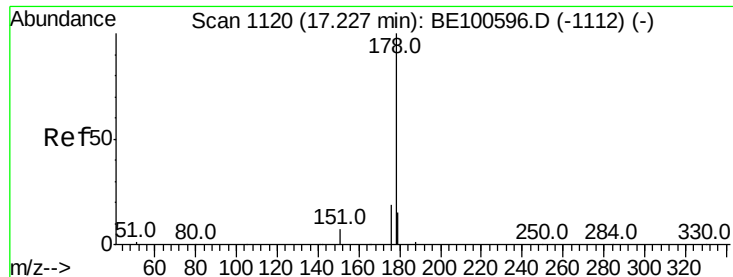


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

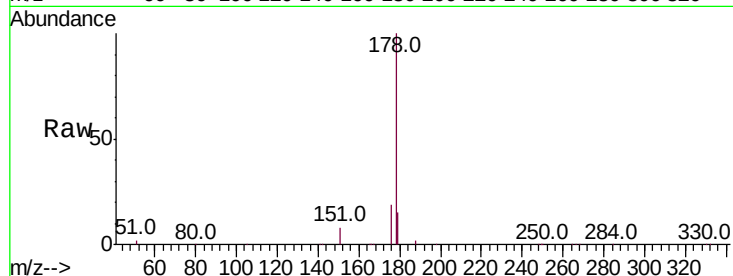
Tot Ion:178 Resp: 27076

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

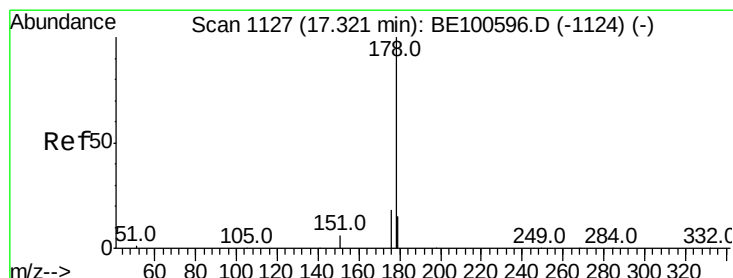
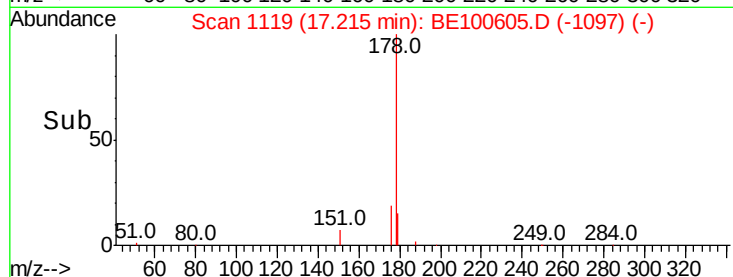
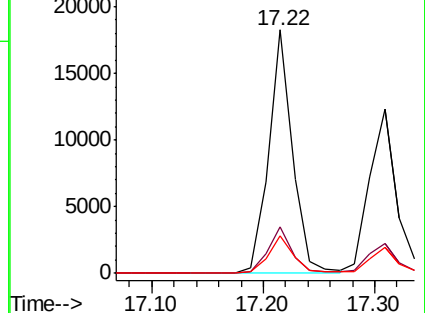
179 15.3 12.3 18.5



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: 0.346 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

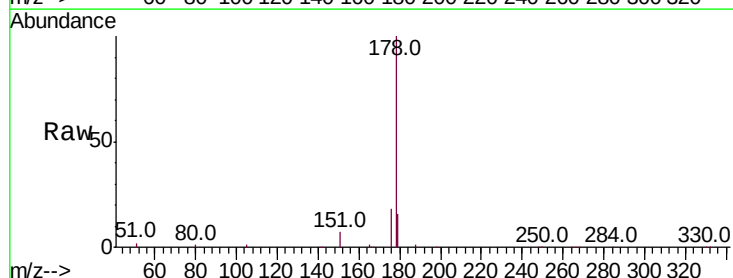
Tgt Ion:178 Resp: 20061

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

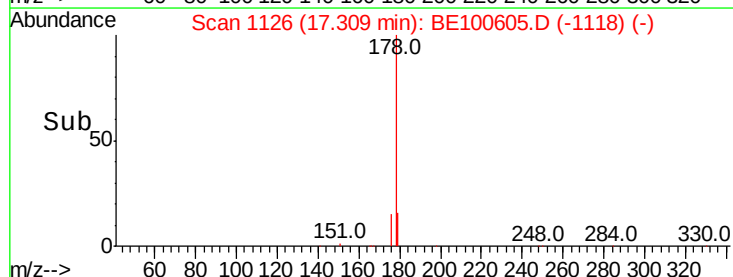
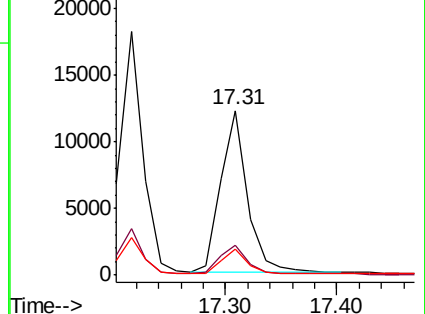
179 15.2 12.2 18.4

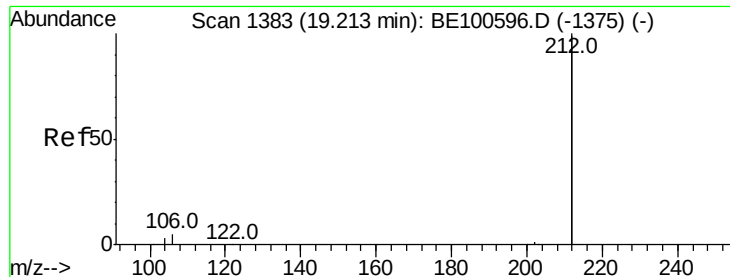


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

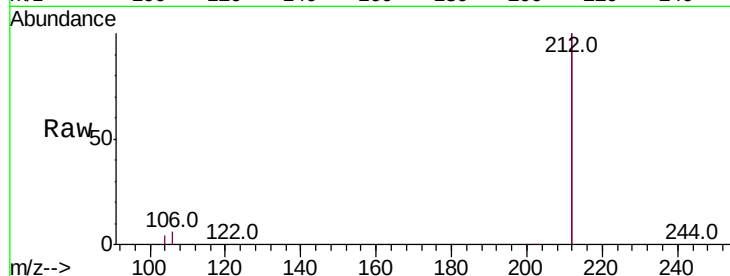
Tot Ion:212 Resp: 106880

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

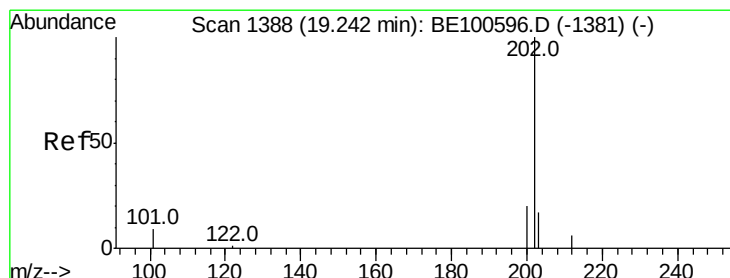
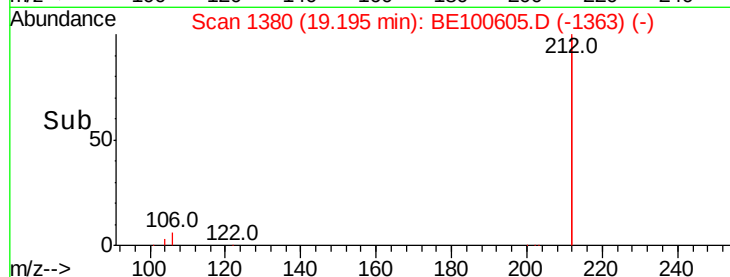
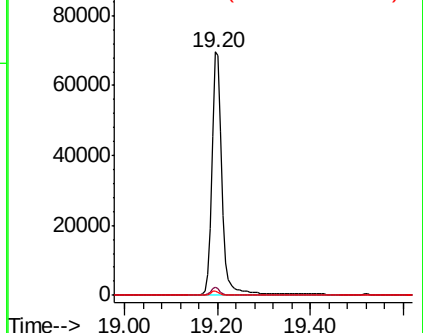
104 1.6 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

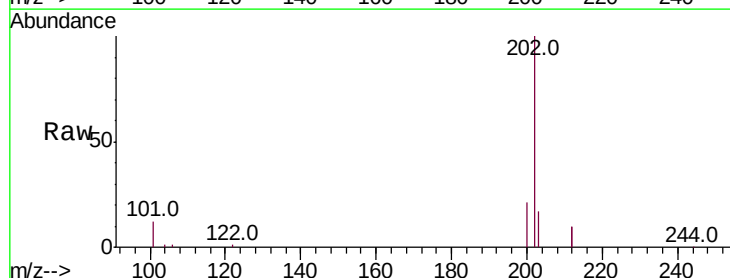
Tgt Ion:202 Resp: 31406

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

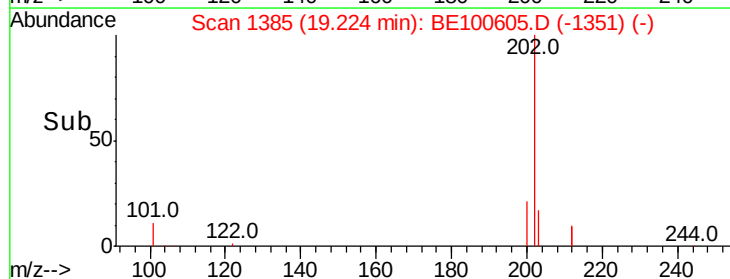
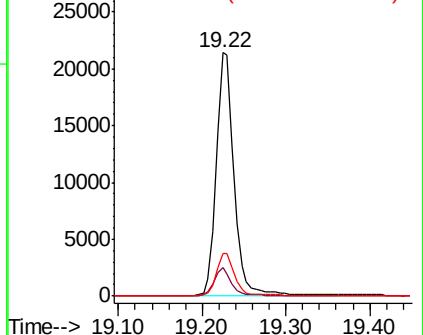
203 17.3 13.8 20.6

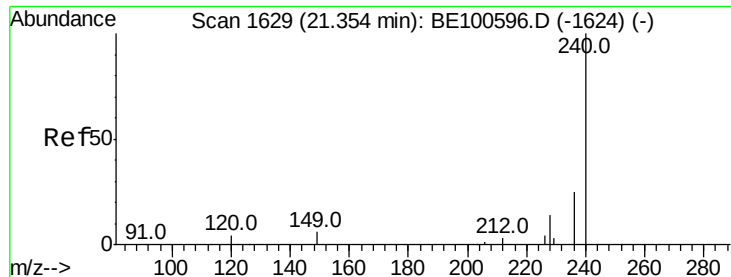


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

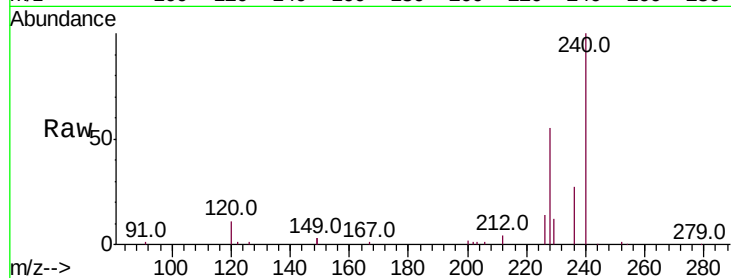
Tot Ion:240 Resp: 28947

Ion Ratio Lower Upper

240 100

120 11.2 3.6 5.4#

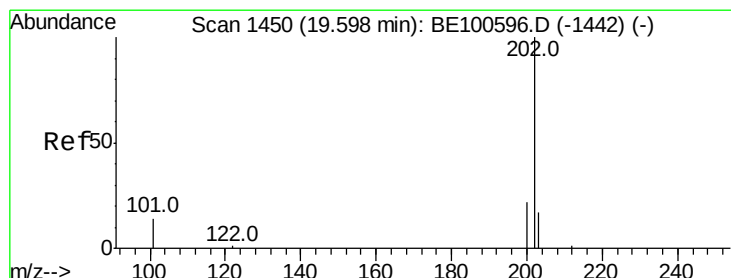
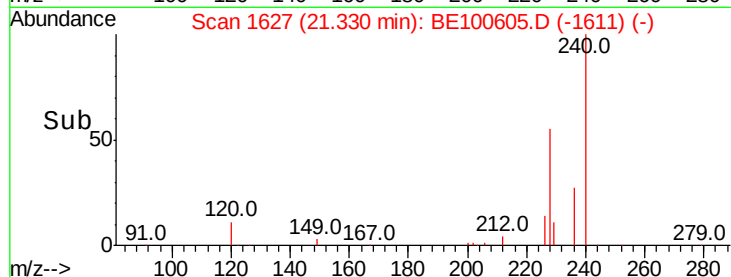
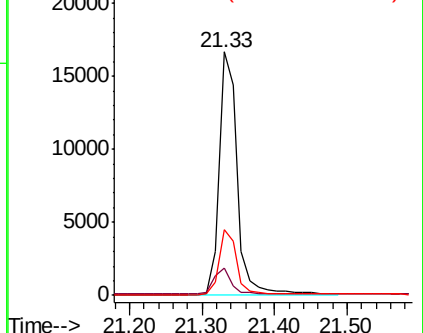
236 27.2 20.5 30.7



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: 0.433 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

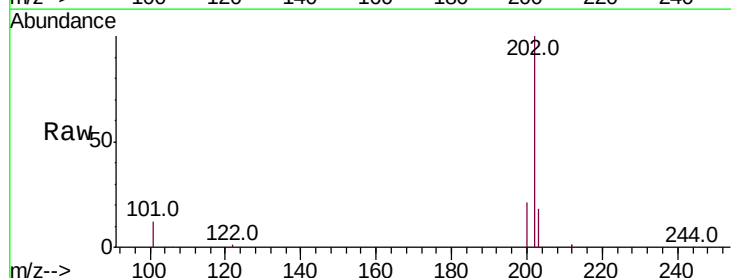
Tgt Ion:202 Resp: 32110

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

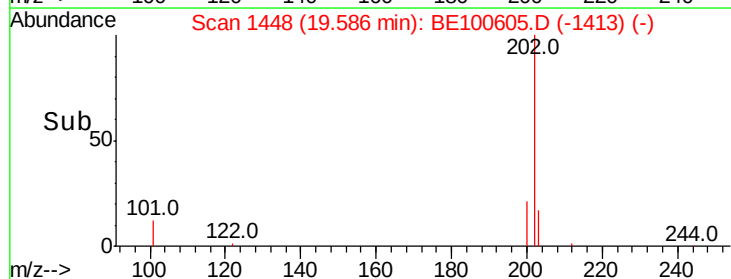
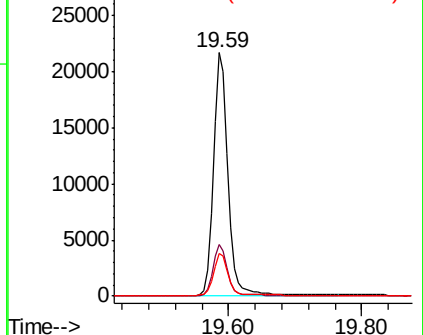
203 17.4 14.1 21.1

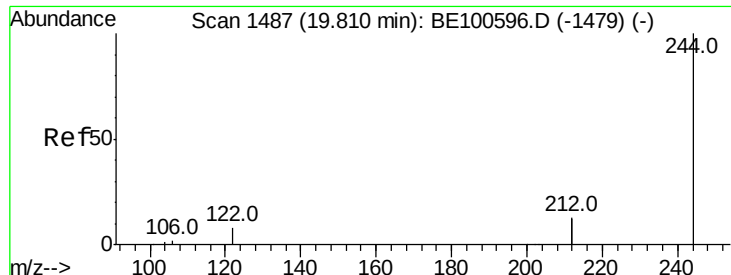


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

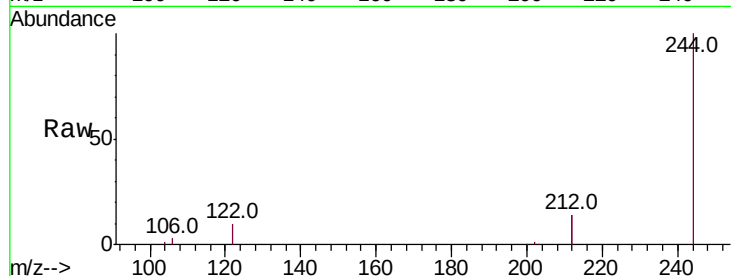
Tot Ion:244 Resp: 26796

Ion Ratio Lower Upper

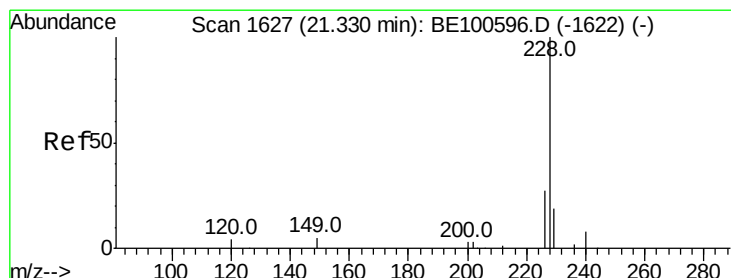
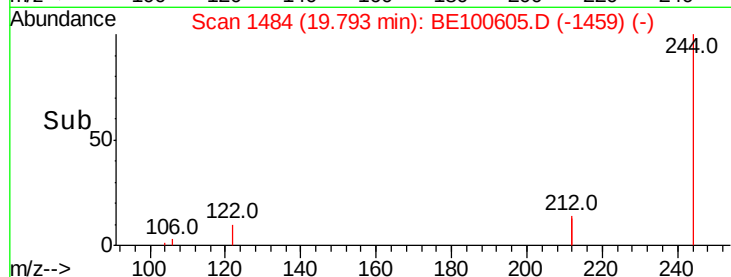
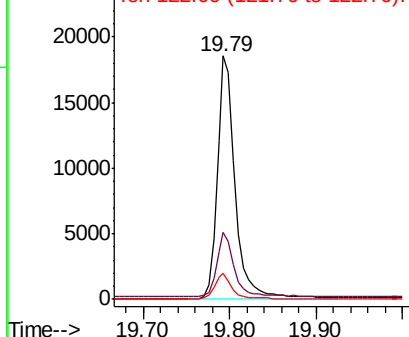
244 100

212 27.7 20.6 31.0

122 10.4 6.5 9.7#



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: 0.367 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

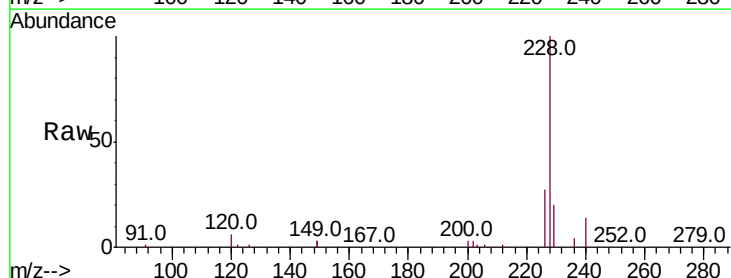
Tgt Ion:228 Resp: 29684

Ion Ratio Lower Upper

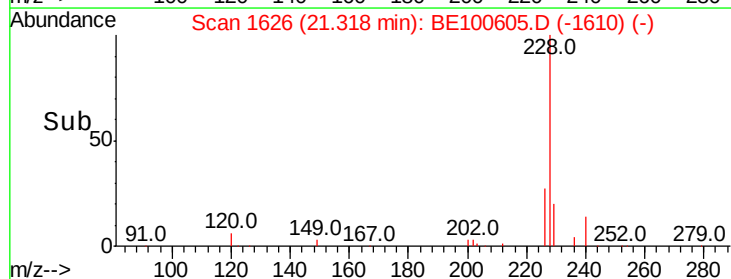
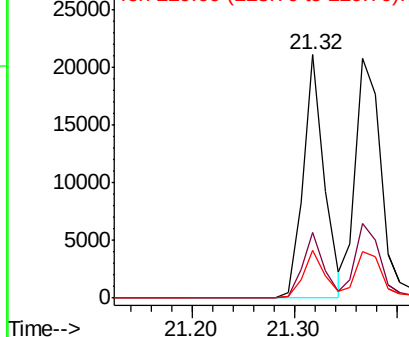
228 100

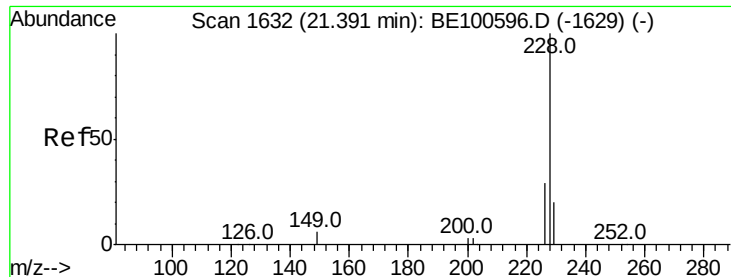
226 27.1 21.5 32.3

229 19.8 15.6 23.4



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: 0.398 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

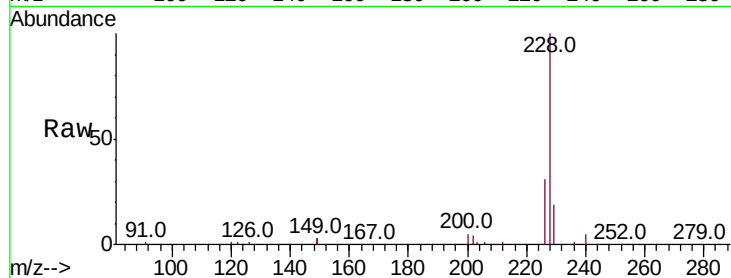
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 34486

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	19.5	16.3	24.5

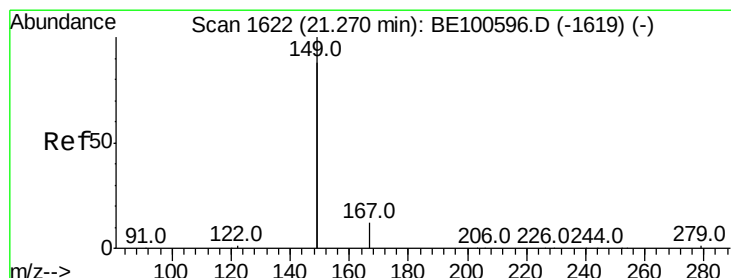
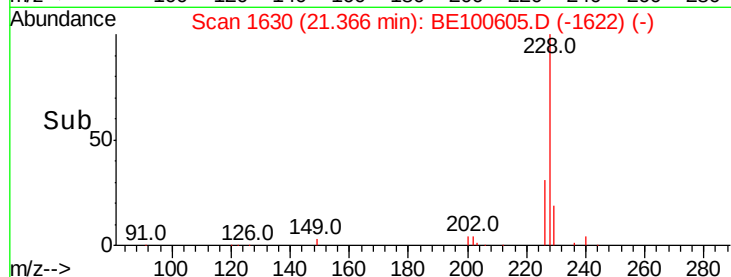
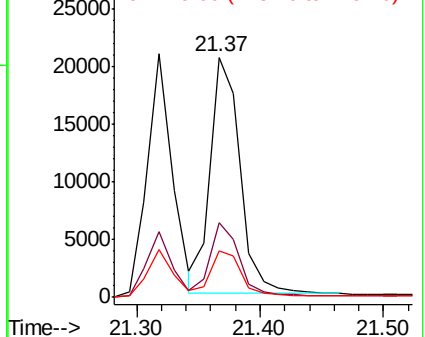


Abundance

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: 0.238 ng

RT: 21.26 min Scan# 1621

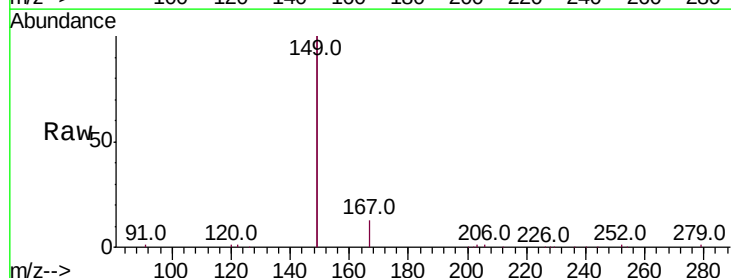
Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Tgt Ion:149 Resp: 36803

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.9	1.3

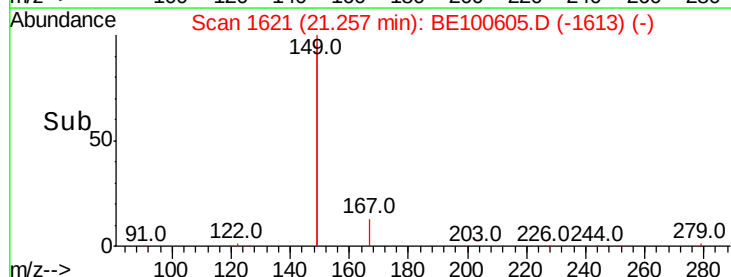
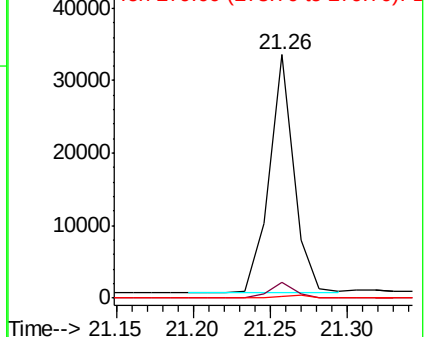


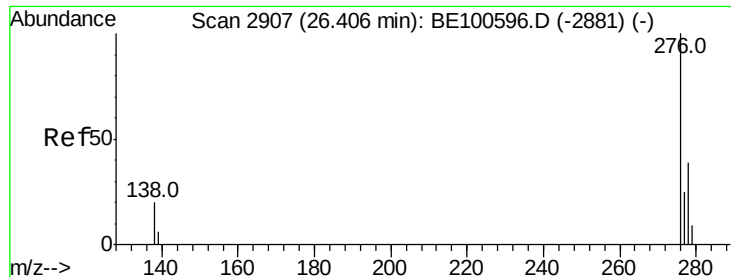
Abundance

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

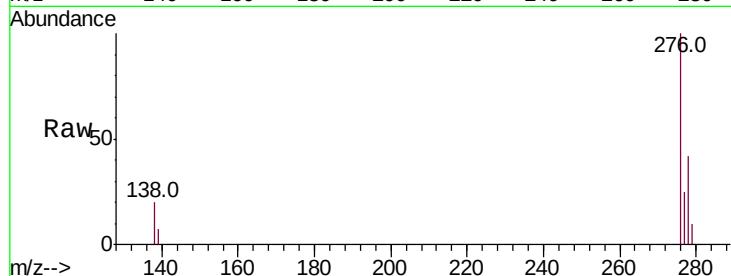




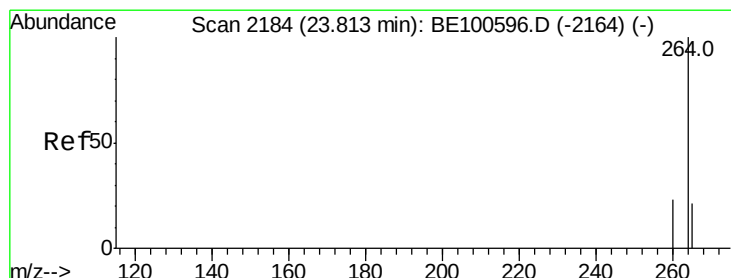
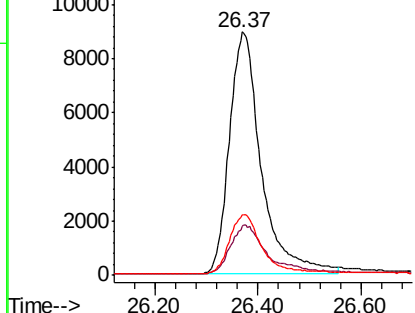
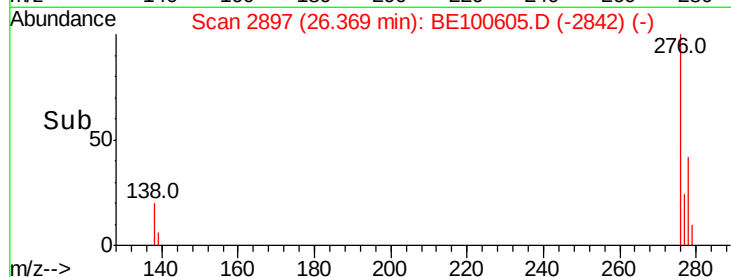
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng
 RT: 26.37 min Scan# 2897
 Delta R.T. -0.00 min
 Lab File: BE100605.D
 Acq: 8 Oct 2019 13:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 38392
 Ion Ratio Lower Upper
 276 100
 138 22.7 17.8 26.8
 277 25.1 19.8 29.8

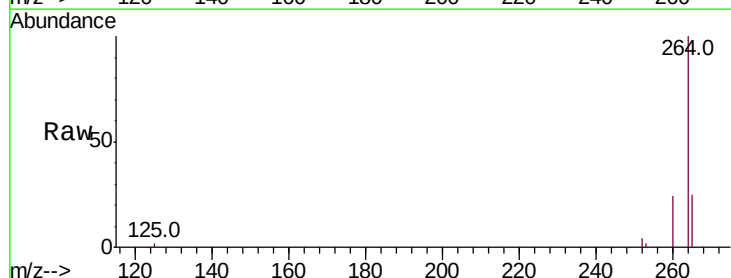


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

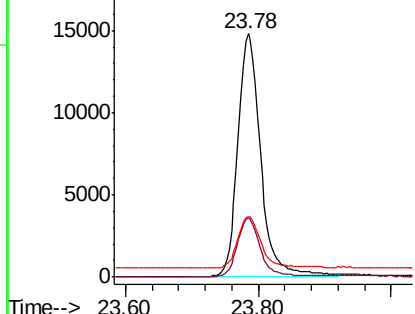
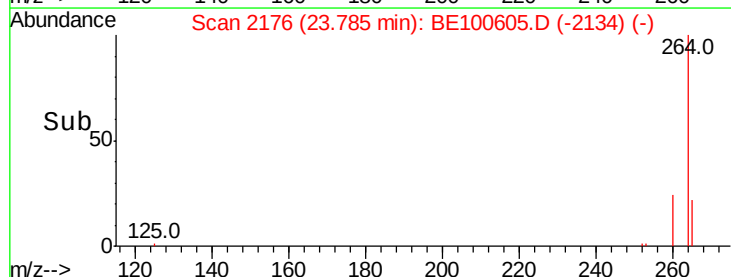


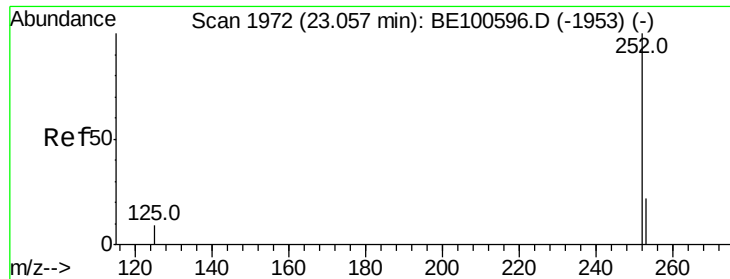
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100605.D
 Acq: 8 Oct 2019 13:00

Tgt Ion:264 Resp: 35212
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 25.1 20.9 31.3



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: 0.346 ng

RT: 23.04 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

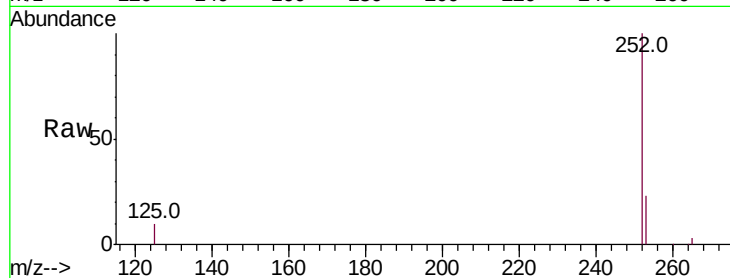
Tot Ion:252 Resp: 33015

Ion Ratio Lower Upper

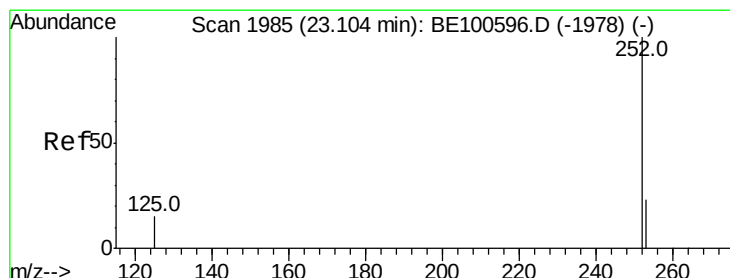
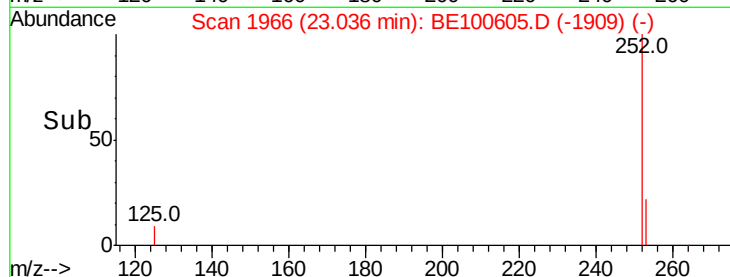
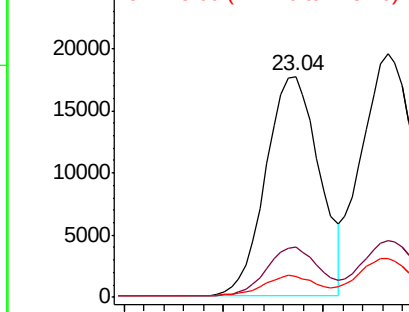
252 100

253 22.6 18.1 27.1

125 9.6 7.9 11.9



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



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 23.08 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

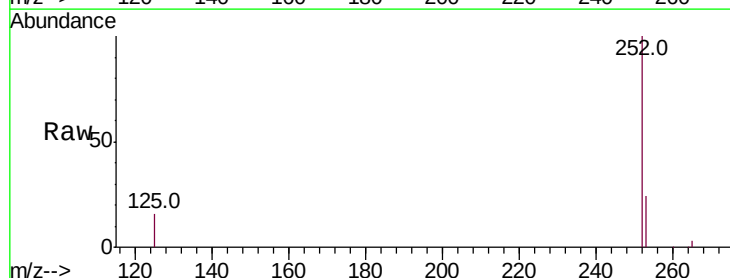
Tgt Ion:252 Resp: 41548

Ion Ratio Lower Upper

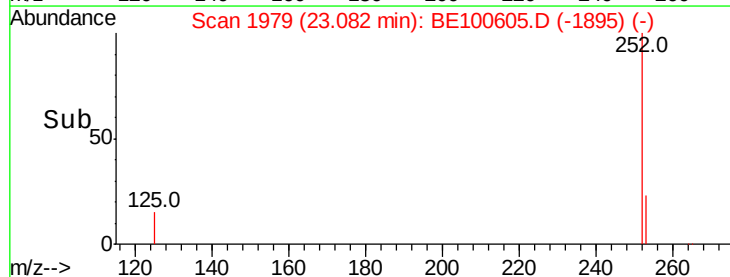
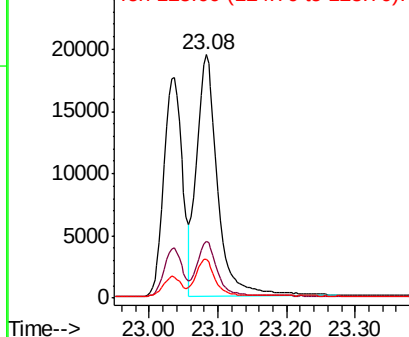
252 100

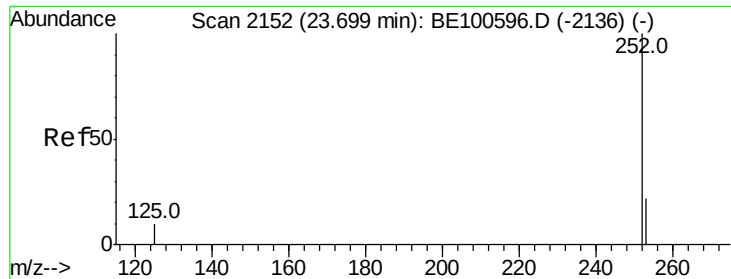
253 23.5 18.6 28.0

125 16.0 11.4 17.0



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





#37

Benzo(a)pyrene

Concen: 0.348 ng

RT: 23.67 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

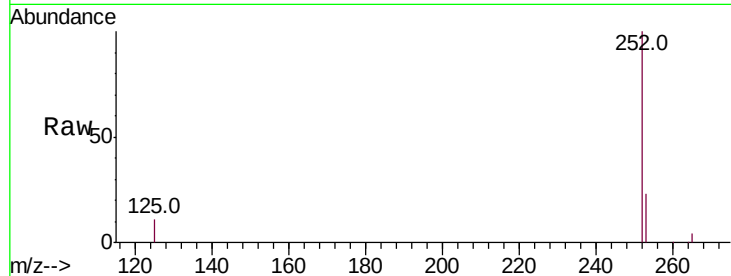
Tot Ion:252 Resp: 30510

Ion Ratio Lower Upper

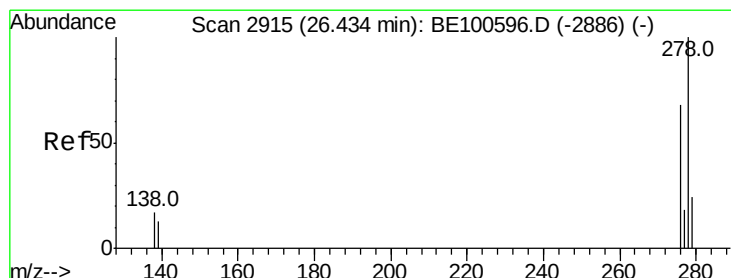
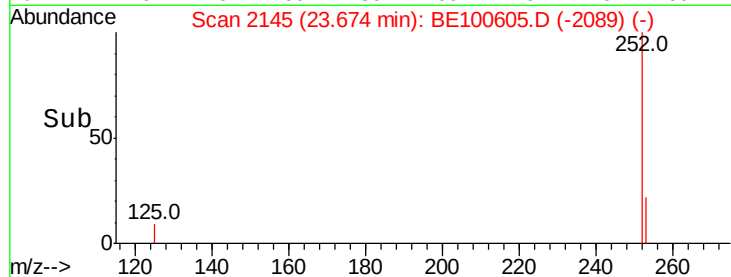
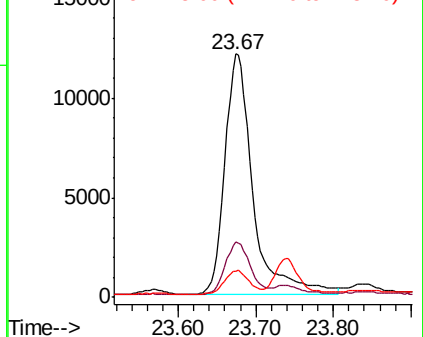
252 100

253 22.7 18.5 27.7

125 10.8 8.8 13.2



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



#38

Dibenzo(a,h)anthracene

Concen: 0.347 ng

RT: 26.40 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

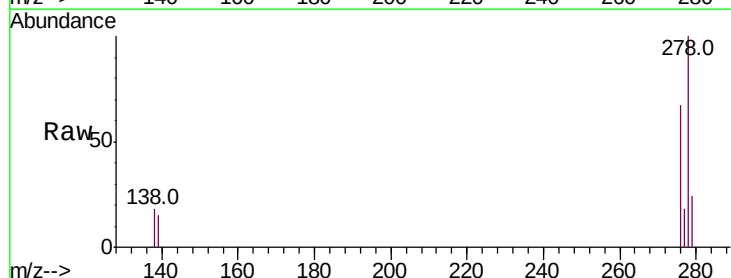
Tgt Ion:278 Resp: 31972

Ion Ratio Lower Upper

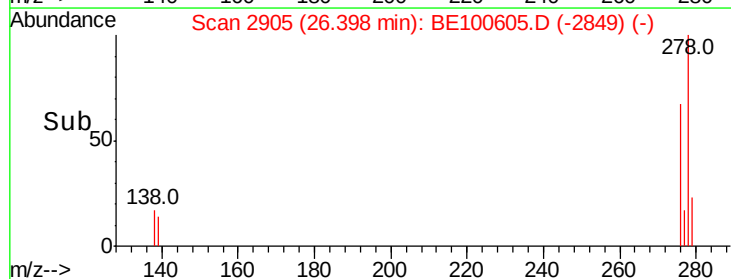
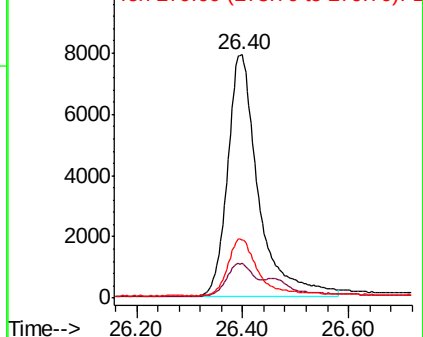
278 100

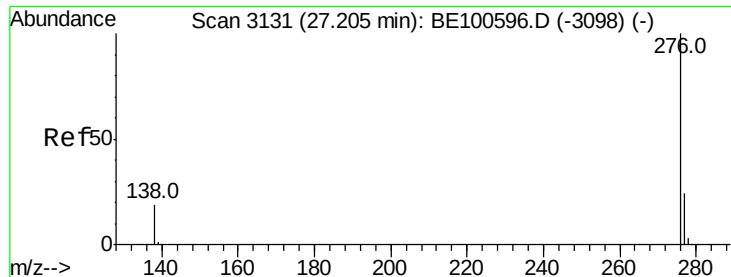
139 14.5 11.0 16.4

279 23.9 19.7 29.5



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: 0.358 ng

RT: 27.16 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BE100605.D

Acq: 8 Oct 2019 13:00

Instrument :

BNA_E

ClientSampleId :

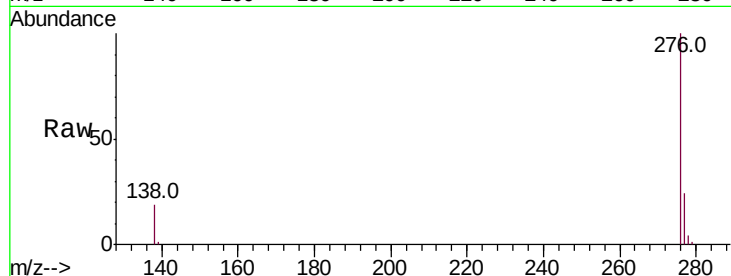
Tot Ion: 276 Resp: 33383

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 19.1 15.6 23.4



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

