

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100603.D
 Acq On : 8 Oct 2019 11:42
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:44:55 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	7.82	152	3628	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17028	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9917	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	22399	0.40	ng	0.00
27) Chrysene-d12	21.33	240	28478	0.40	ng	0.00
34) Perylene-d12	23.78	264	34453	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3407	0.35	ng	0.00
5) Phenol-d6	6.99	99	4488	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	3716	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9746	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	717	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14069	0.39	ng	0.00
25) Fluoranthene-d10	19.20	212	100671	0.36	ng	0.00
29) Terphenyl-d14	19.80	244	25601	0.41	ng	0.00

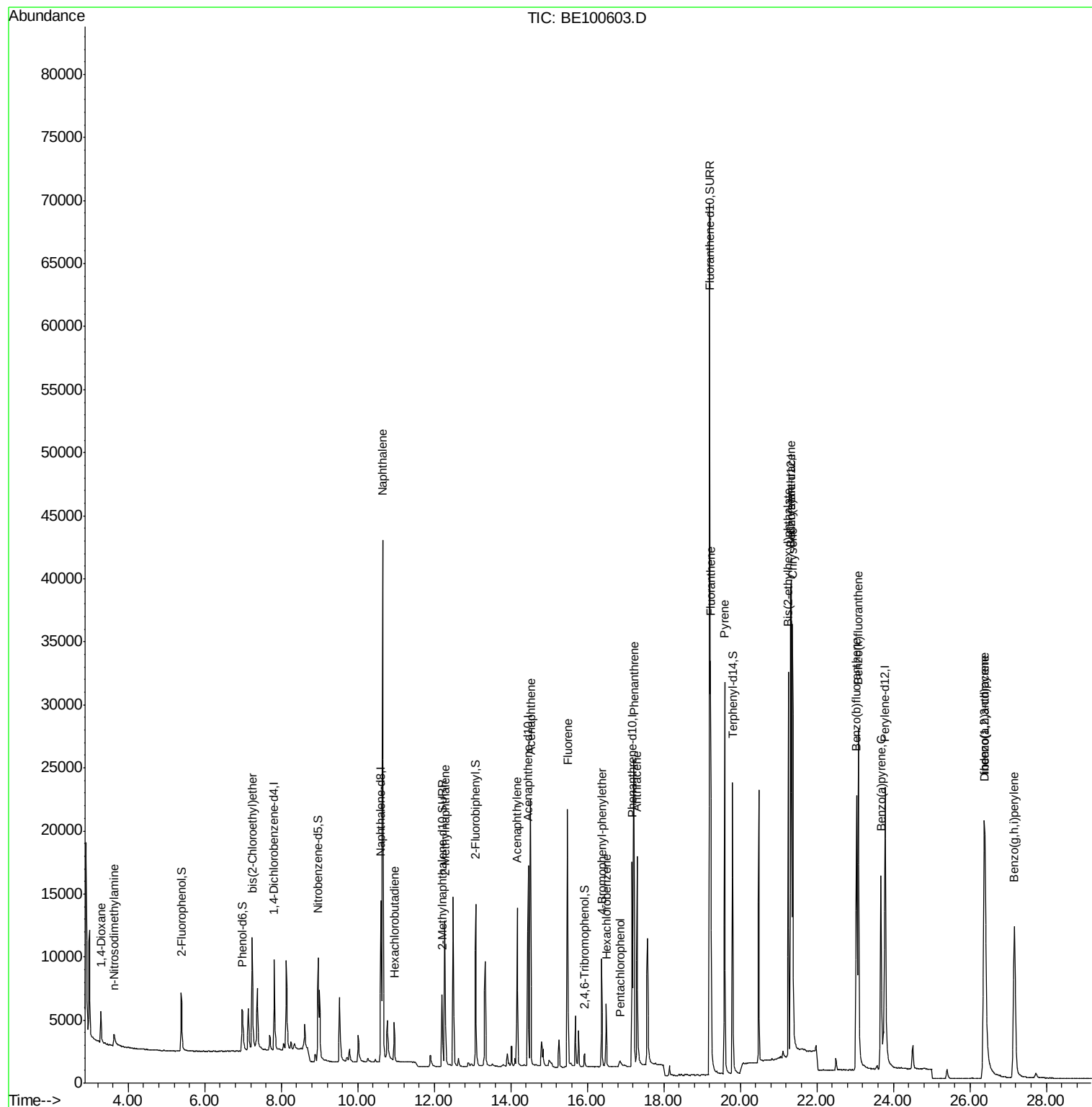
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	2254	0.369	ng	# 95
3) n-Nitrosodimethylamine	3.62	42	1054	0.367	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	4395	0.386	ng	97
9) Naphthalene	10.65	128	68059	0.387	ng	100
10) Hexachlorobutadiene	10.95	225	2206	0.389	ng	98
12) 2-Methylnaphthalene	12.28	142	11062	0.383	ng	94
16) Acenaphthylene	14.17	152	14742	0.350	ng	99
17) Acenaphthene	14.51	154	10517	0.373	ng	98
18) Fluorene	15.49	166	13647	0.379	ng	98
20) 4-Bromophenyl-phenylether	16.37	248	4089	0.369	ng	# 88
21) Hexachlorobenzene	16.49	284	3682	0.395	ng	99
22) Pentachlorophenol	16.85	266	453	0.444	ng	96
23) Phenanthrene	17.21	178	25170	0.395	ng	100
24) Anthracene	17.31	178	18570	0.339	ng	99
26) Fluoranthene	19.23	202	29929	0.381	ng	100
28) Pyrene	19.59	202	30795	0.422	ng	100
30) Benzo(a)anthracene	21.32	228	28410	0.357	ng	100
31) Chrysene	21.37	228	33643	0.395	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	33308	0.219	ng	100
33) Indeno(1,2,3-cd)pyrene	26.37	276	37514	0.374	ng	99
35) Benzo(b)fluoranthene	23.03	252	32877	0.352	ng	100
36) Benzo(k)fluoranthene	23.08	252	40124	0.378	ng	99
37) Benzo(a)pyrene	23.67	252	29481	0.344	ng	99
38) Dibenzo(a,h)anthracene	26.40	278	31562	0.350	ng	100
39) Benzo(g,h,i)perylene	27.17	276	32762	0.359	ng	99

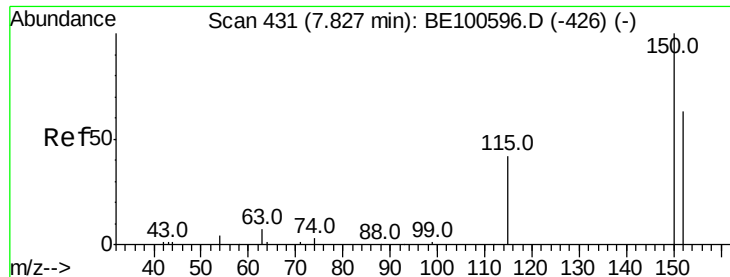
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
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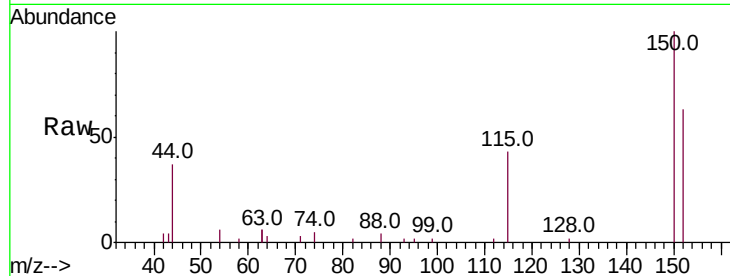


#1

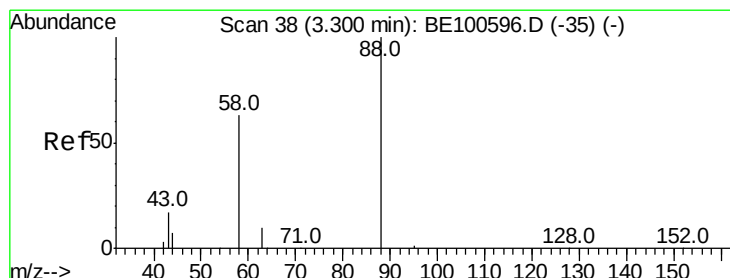
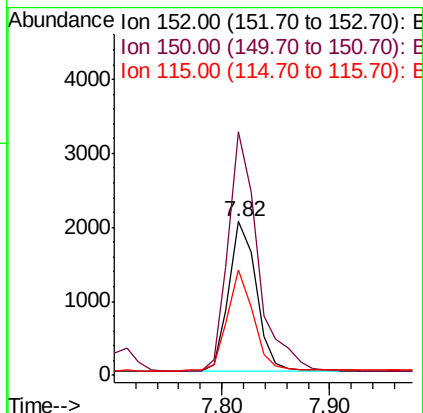
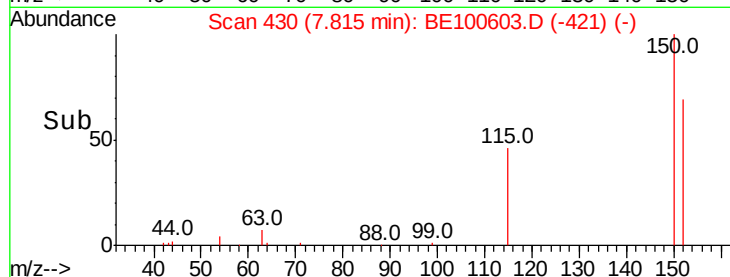
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3628
Ion Ratio Lower Upper
152 100
150 158.7 126.5 189.7
115 68.4 54.6 81.8



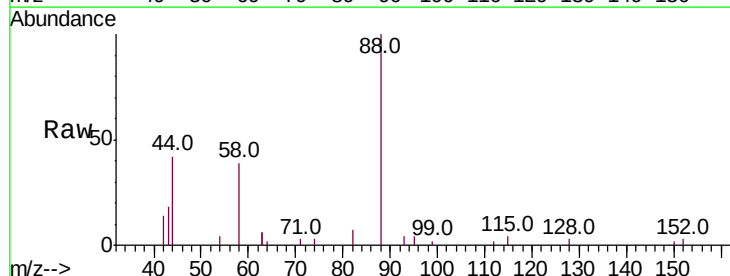
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



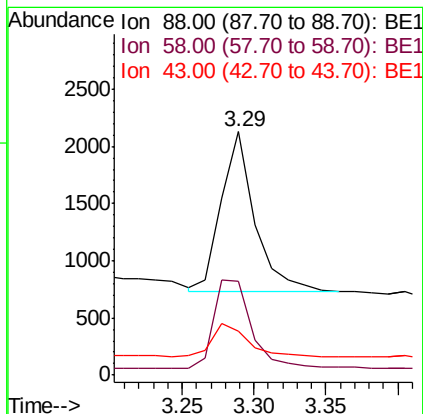
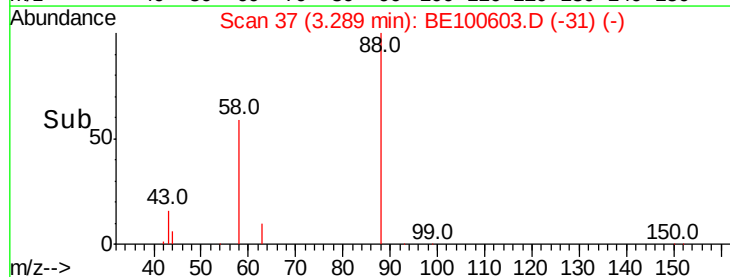
#2

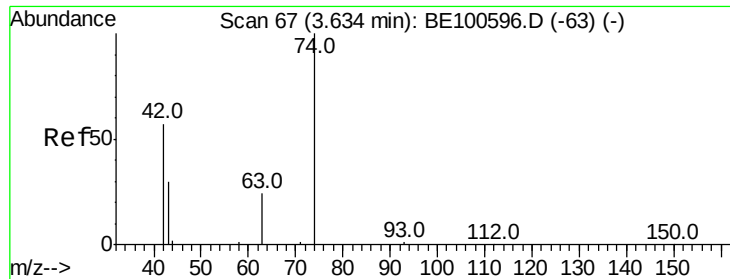
1,4-Dioxane
Concen: 0.369 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

Tgt Ion: 88 Resp: 2254
Ion Ratio Lower Upper
88 100
58 63.1 48.1 72.1
43 22.3 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: 0.367 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampled :

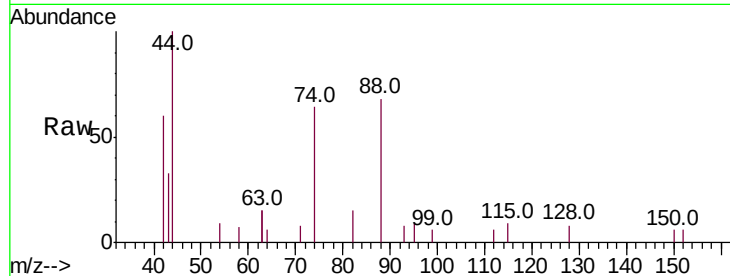
Tot Ion: 42 Resp: 1054

Ion Ratio Lower Upper

42 100

74 170.8 136.2 204.2

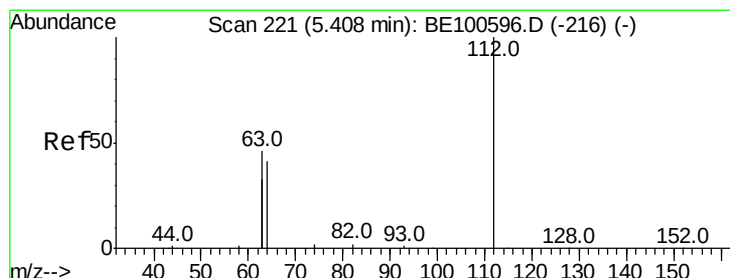
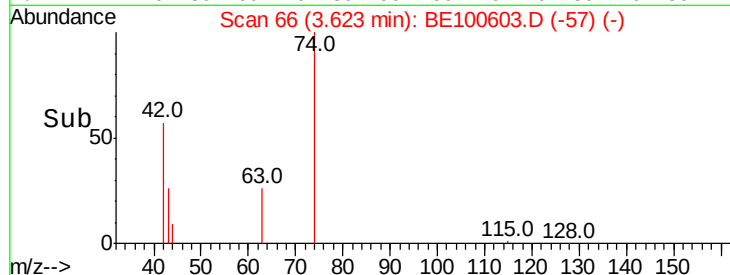
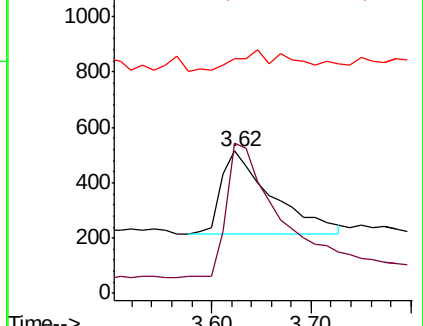
44 0.0 7.4 11.0#



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: 0.348 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

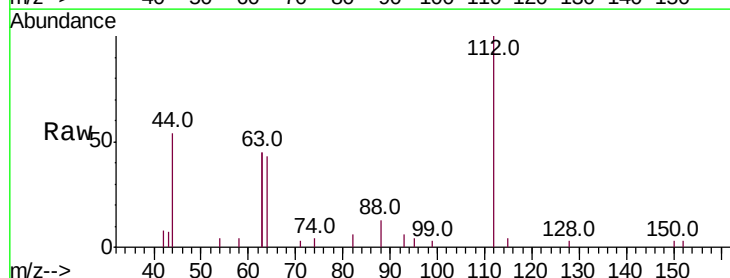
Tgt Ion: 112 Resp: 3407

Ion Ratio Lower Upper

112 100

64 53.4 43.7 65.5

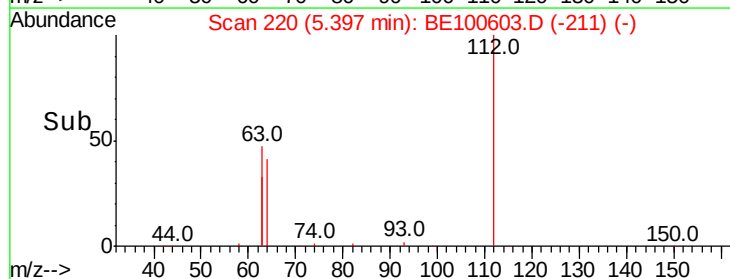
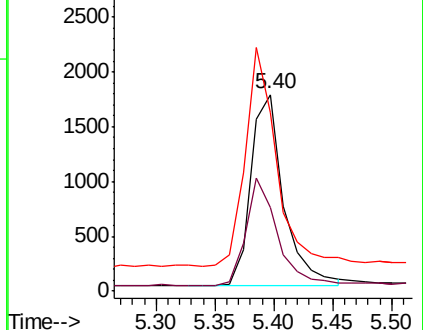
63 105.1 84.5 126.7

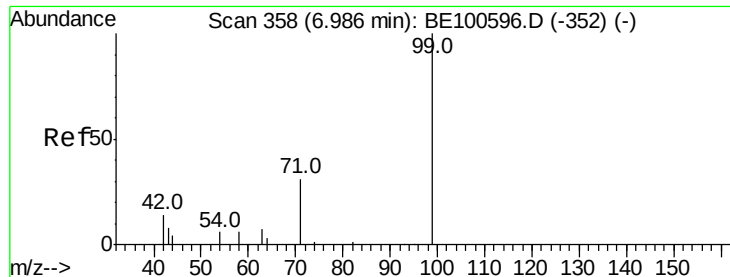


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.365 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampled :

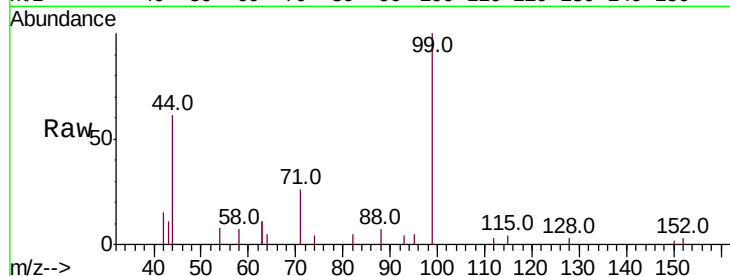
Tot Ion: 99 Resp: 4488

Ion Ratio Lower Upper

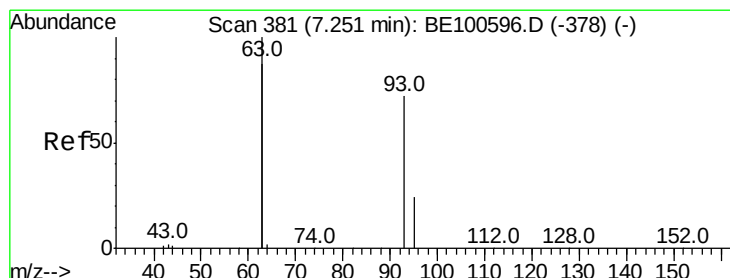
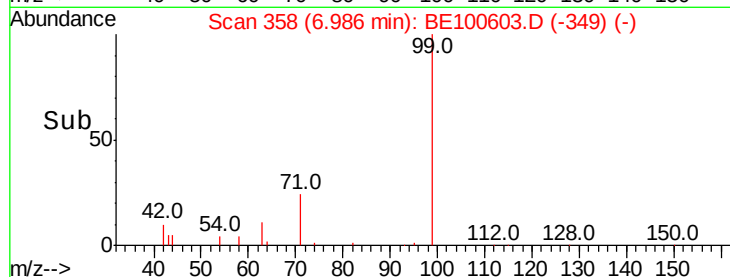
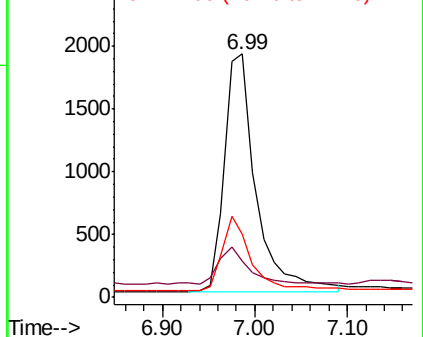
99 100

42 13.9 11.7 17.5

71 28.5 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: 0.386 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

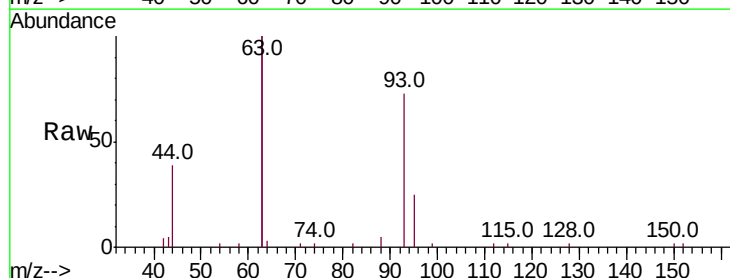
Tgt Ion: 93 Resp: 4395

Ion Ratio Lower Upper

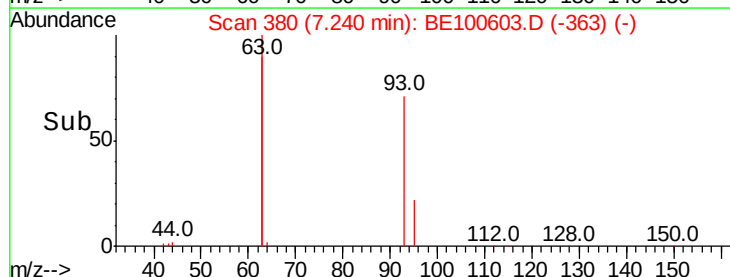
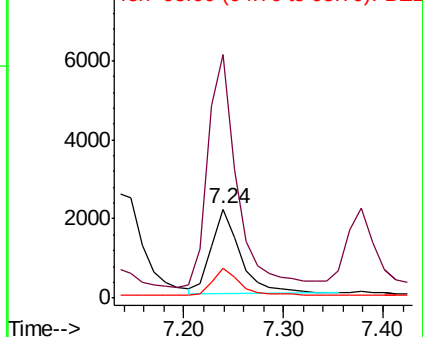
93 100

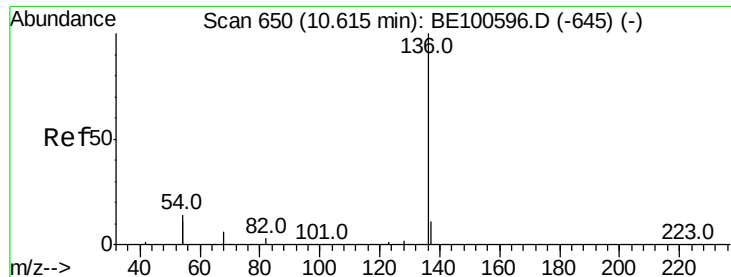
63 270.4 221.0 331.4

95 30.8 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: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17028

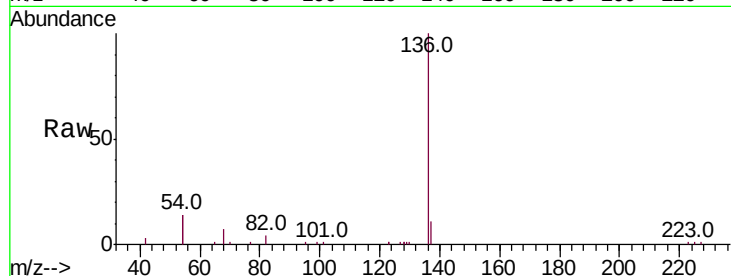
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 28.7 22.4 33.6

68 6.5 5.2 7.8

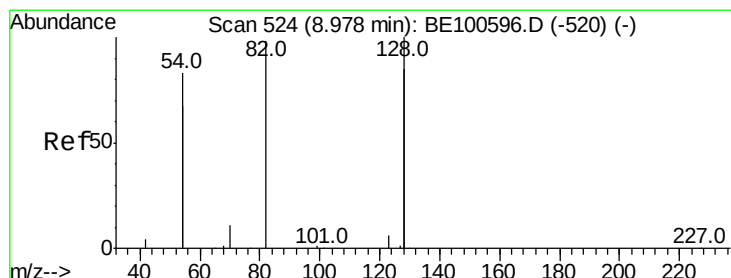
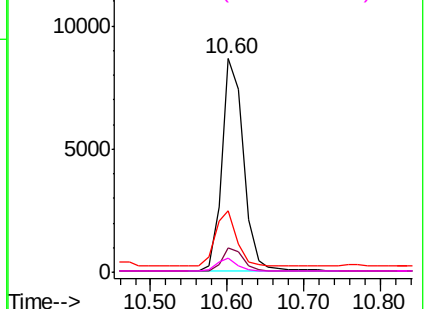
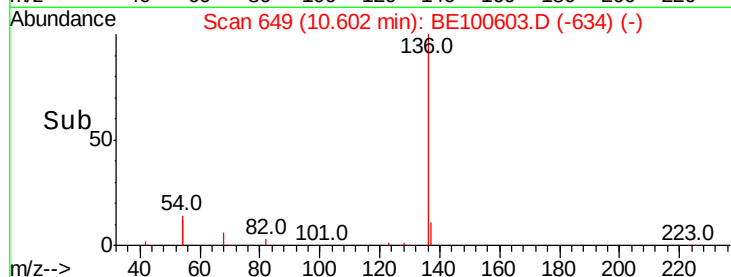


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

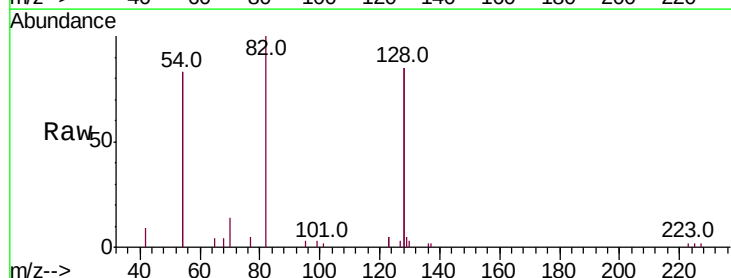
Tgt Ion: 82 Resp: 3716

Ion Ratio Lower Upper

82 100

128 170.3 154.7 232.1

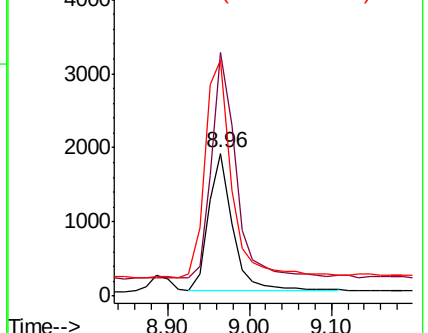
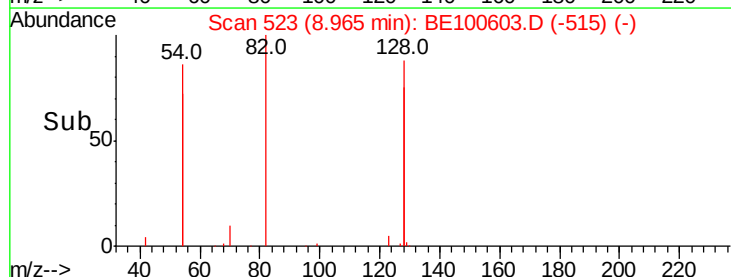
54 165.4 128.5 192.7

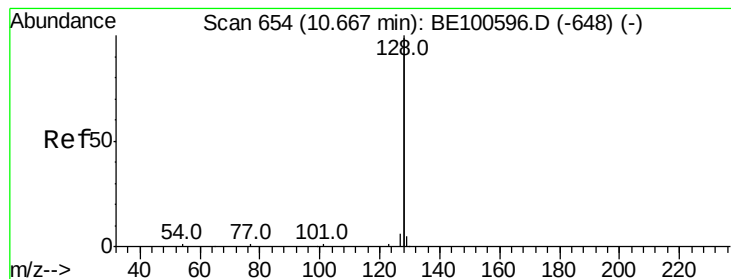


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.387 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampled :

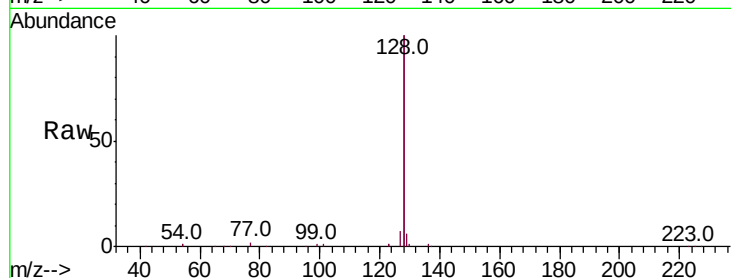
Tot Ion:128 Resp: 68059

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

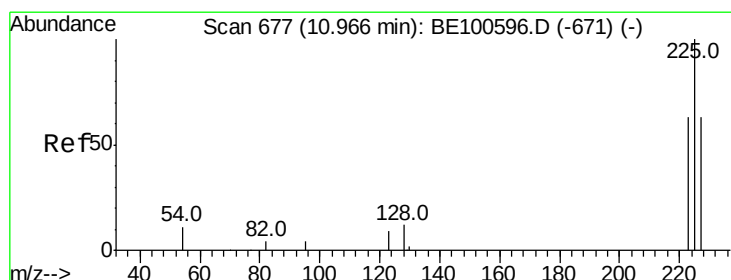
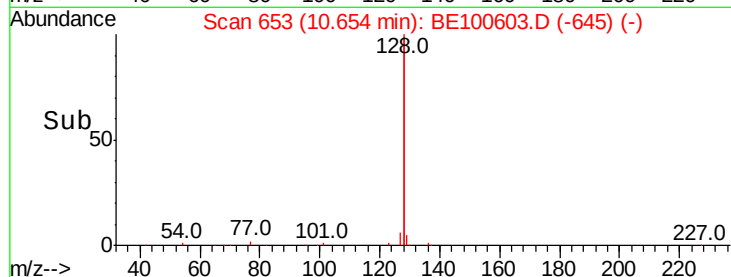
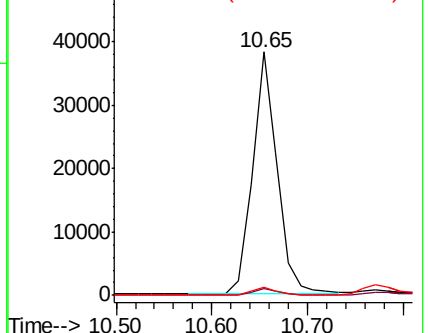
127 3.4 2.6 4.0



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: 0.389 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

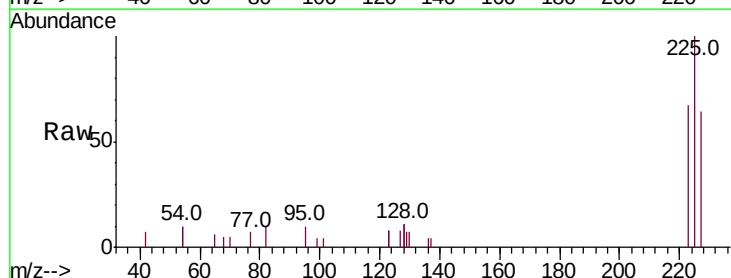
Tgt Ion:225 Resp: 2206

Ion Ratio Lower Upper

225 100

223 63.4 49.8 74.8

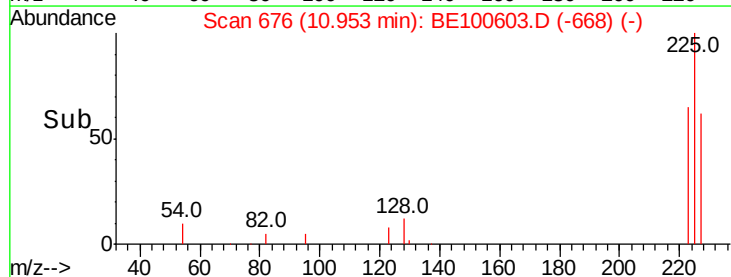
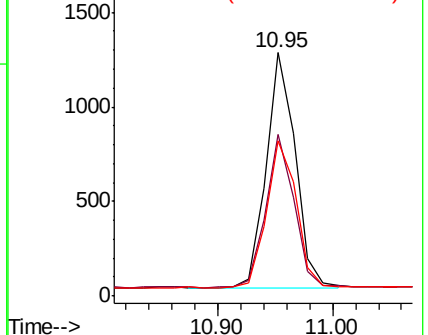
227 64.2 50.1 75.1

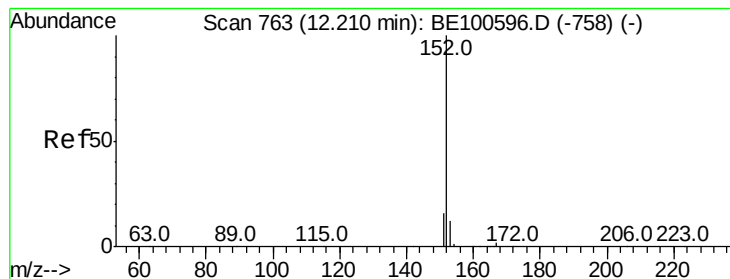


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

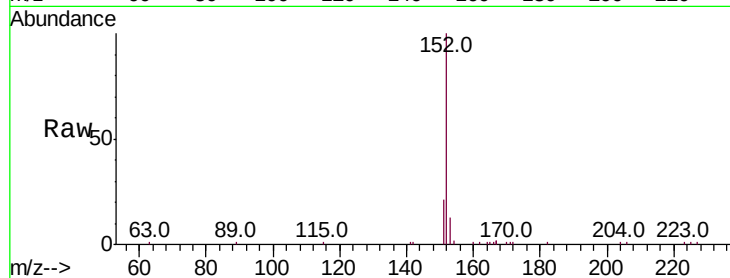
ClientSampleId :

Tot Ion:152 Resp: 9746

Ion Ratio Lower Upper

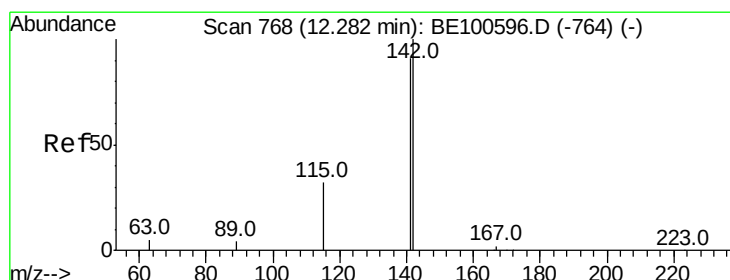
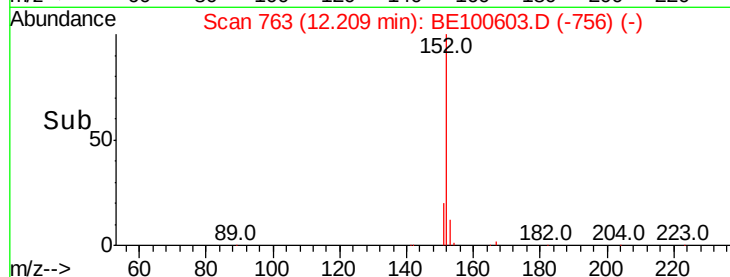
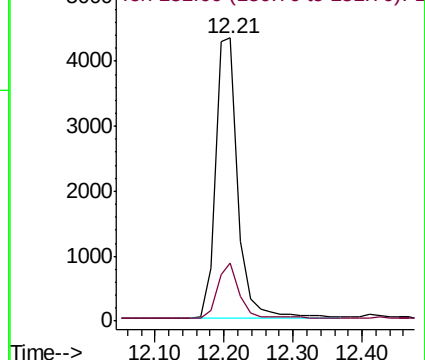
152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

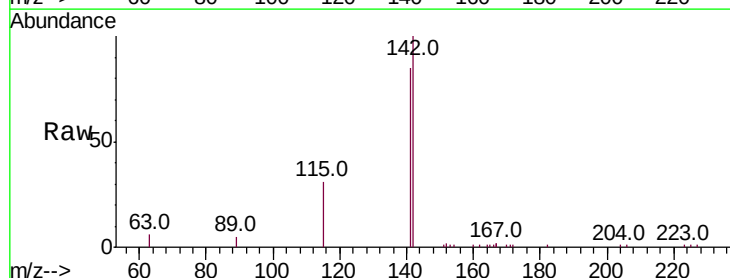
Tgt Ion:142 Resp: 11062

Ion Ratio Lower Upper

142 100

141 85.2 72.6 108.8

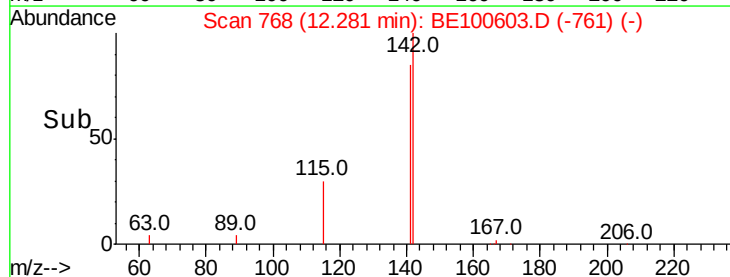
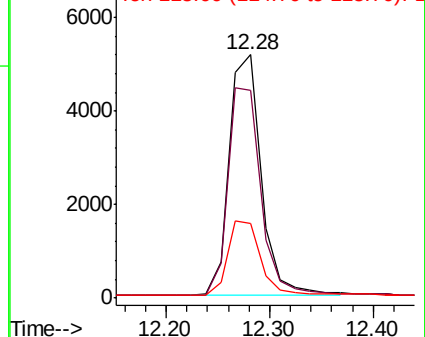
115 30.6 26.6 40.0

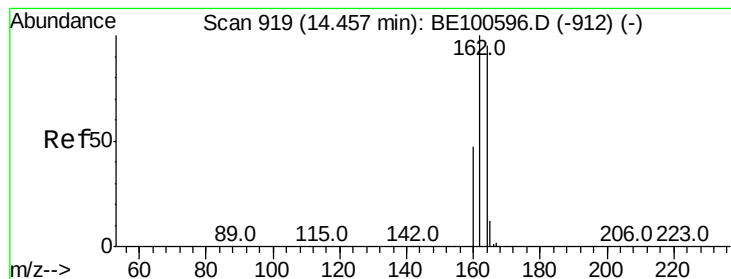


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

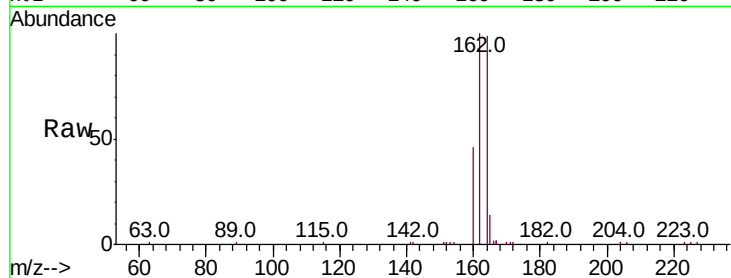
Tot Ion:164 Resp: 9917

Ion Ratio Lower Upper

164 100

162 101.2 84.2 126.4

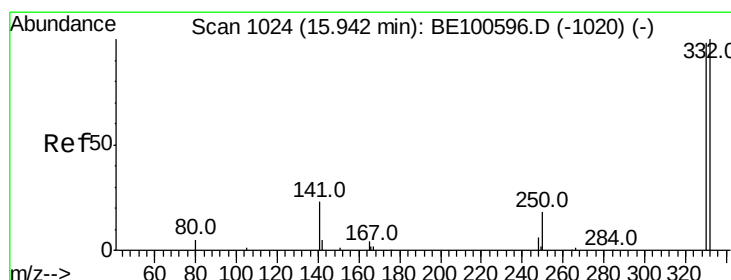
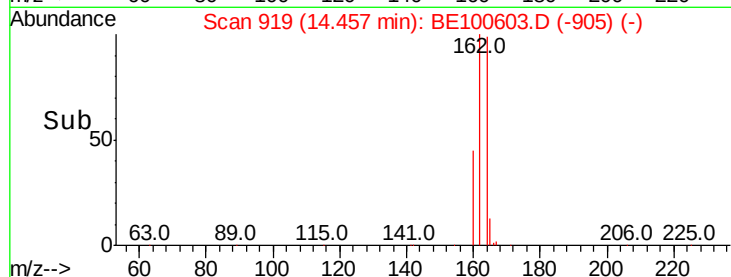
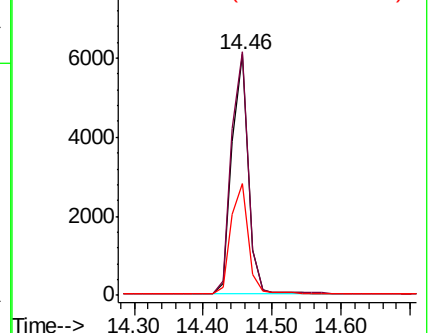
160 46.4 40.2 60.4



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: 0.316 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

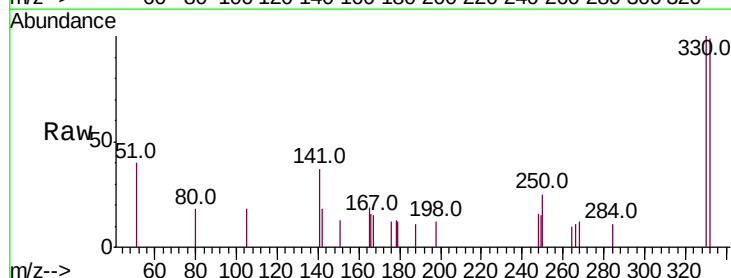
Tgt Ion:330 Resp: 717

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

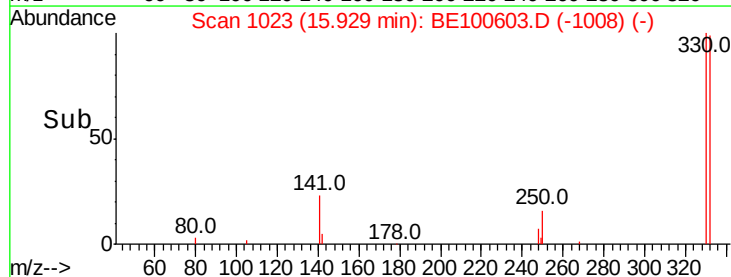
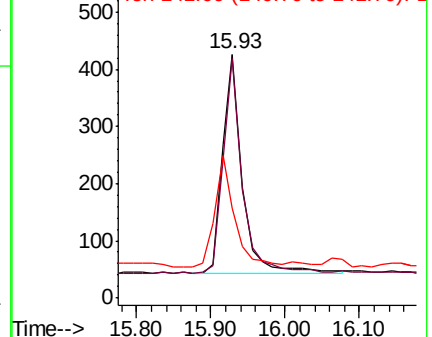
141 50.6 39.4 59.0

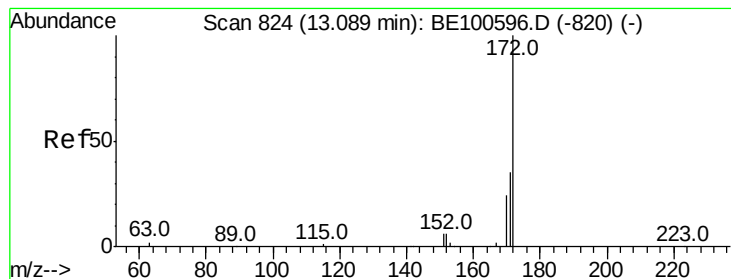


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

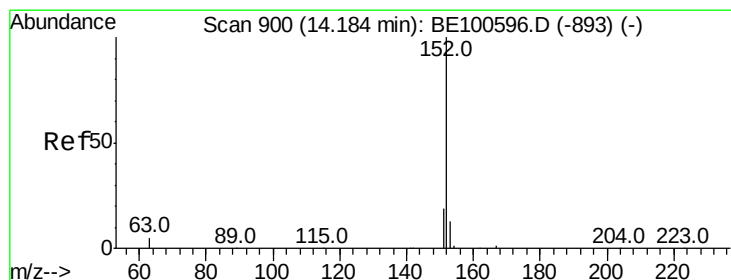
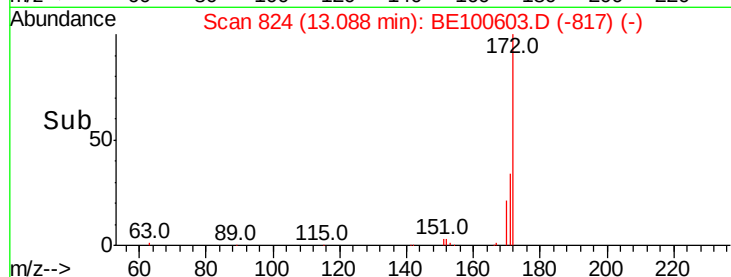
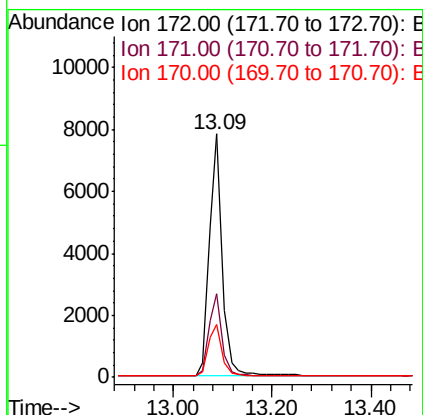
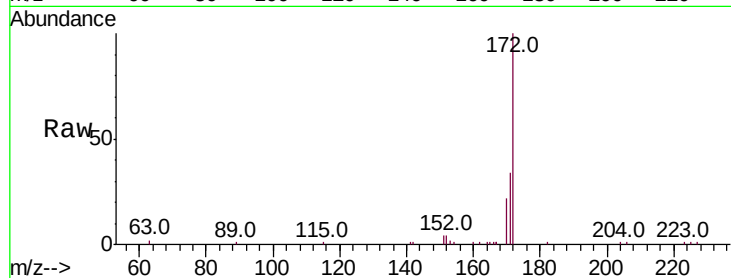




#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE100603.D
 Acq: 8 Oct 2019 11:42

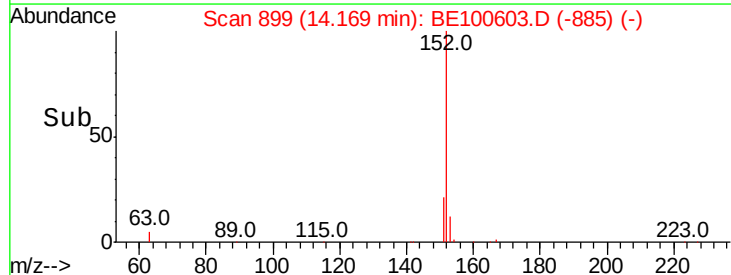
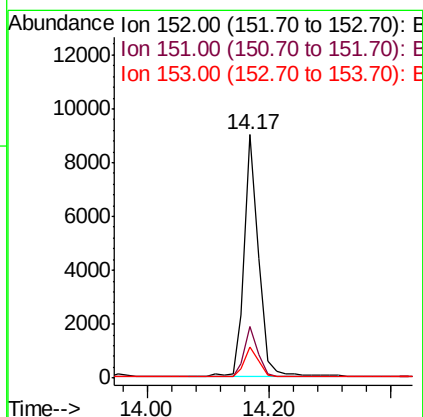
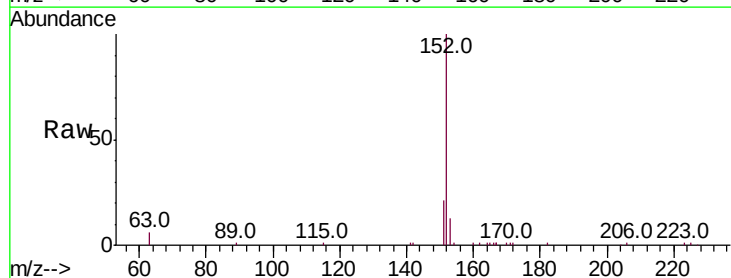
Instrument :
 BNA_E
 ClientSampleId :

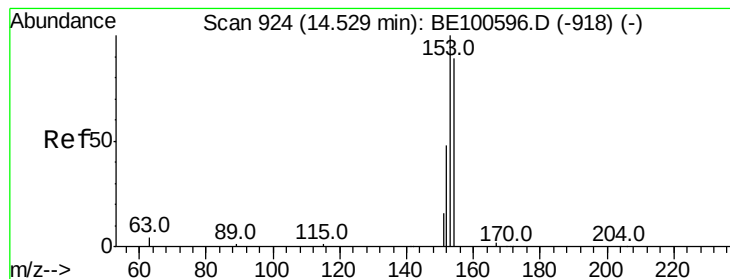
Tot Ion:172 Resp: 14069
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.7 43.1
 170 21.9 19.8 29.8



#16
 Acenaphthylene
 Concen: 0.350 ng
 RT: 14.17 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BE100603.D
 Acq: 8 Oct 2019 11:42

Tgt Ion:152 Resp: 14742
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.5 23.3
 153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

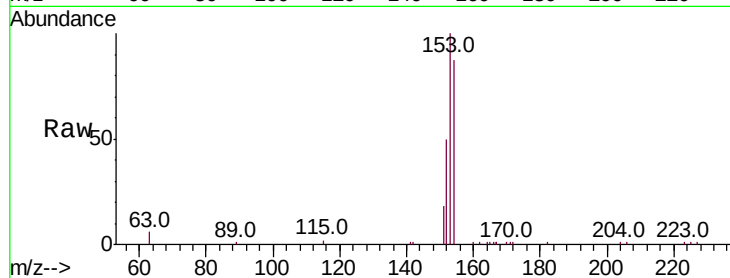
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 10517

Ion	Ratio	Lower	Upper
154	100		
153	117.6	92.3	138.5
152	59.5	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

10000

8000

6000

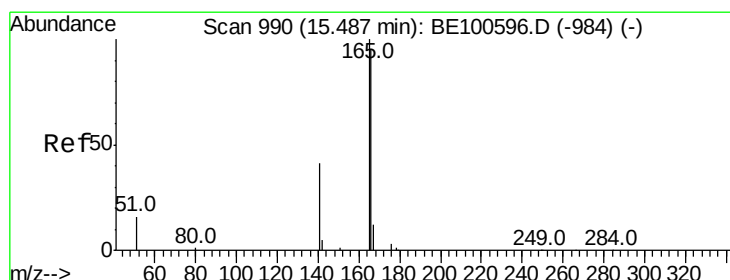
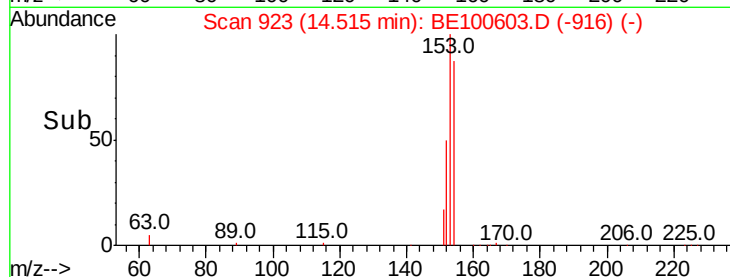
4000

2000

0

14.40 14.50 14.60

Time-->



#18

Fluorene

Concen: 0.379 ng

RT: 15.49 min Scan# 990

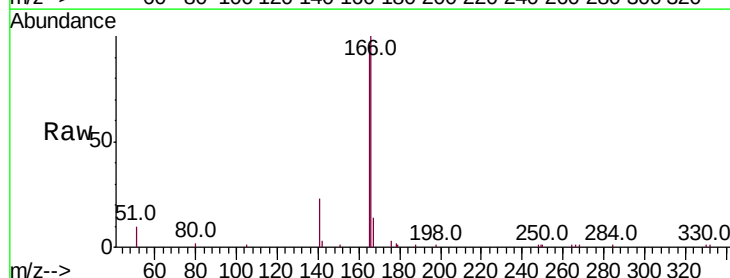
Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Tgt Ion:166 Resp: 13647

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.4	120.6
167	13.7	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

10000

8000

6000

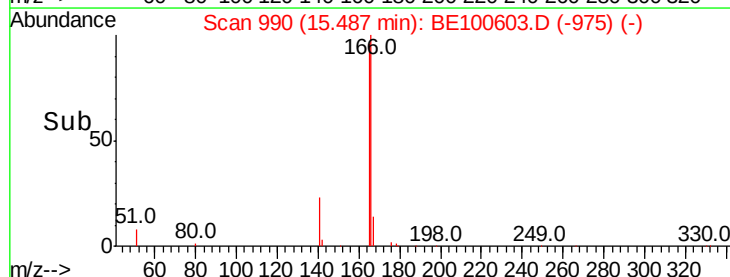
4000

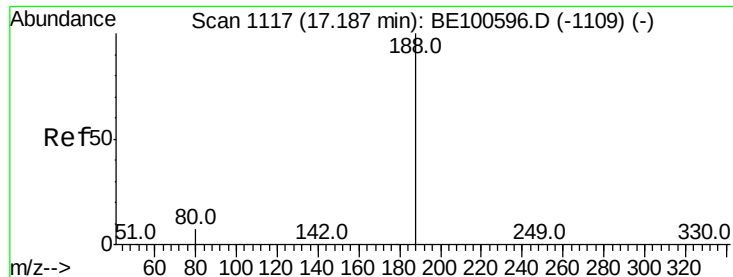
2000

0

15.40 15.50 15.60

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

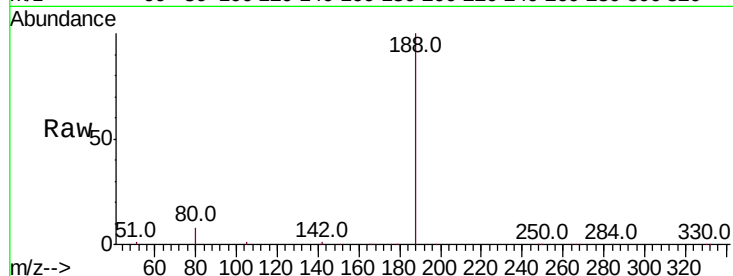
Tot Ion:188 Resp: 22399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

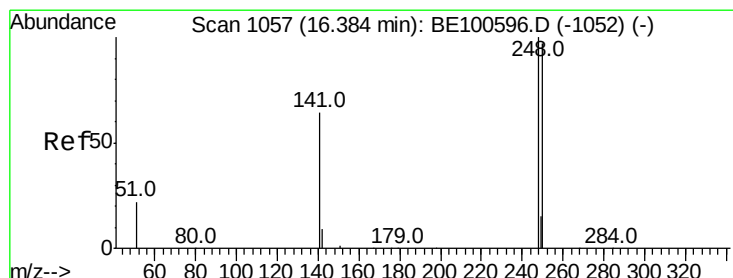
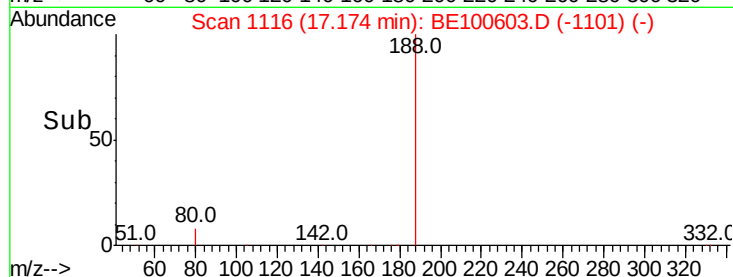
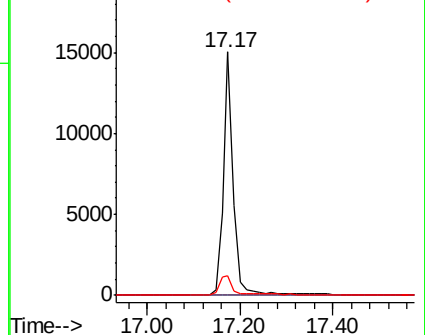
80 8.1 6.2 9.2



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: 0.369 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

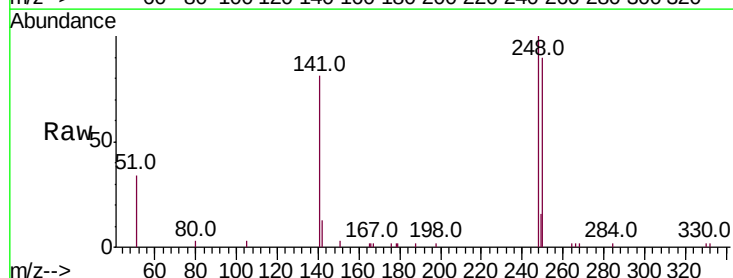
Tgt Ion:248 Resp: 4089

Ion Ratio Lower Upper

248 100

250 89.8 77.4 116.0

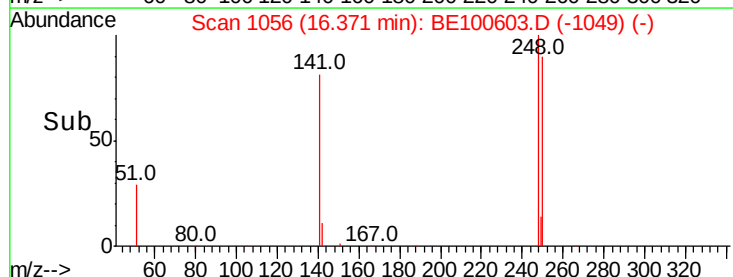
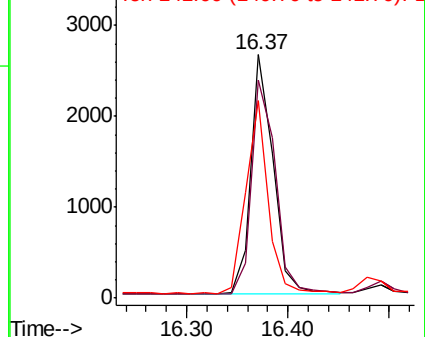
141 81.2 52.1 78.1#

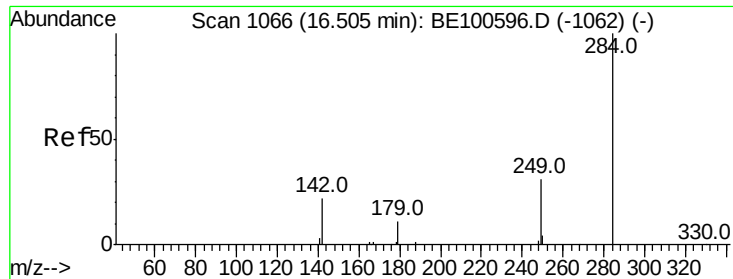


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

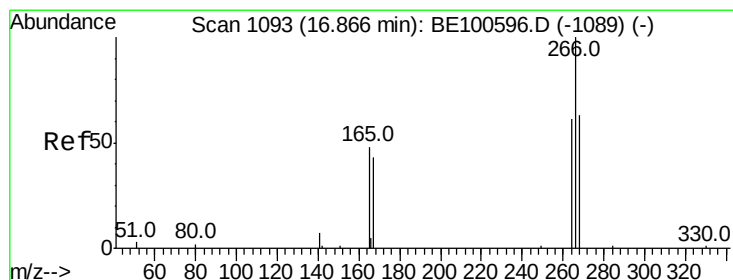
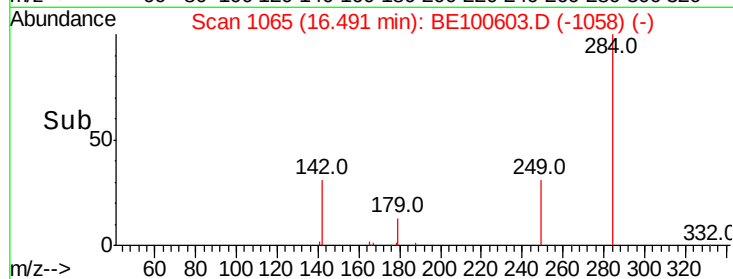
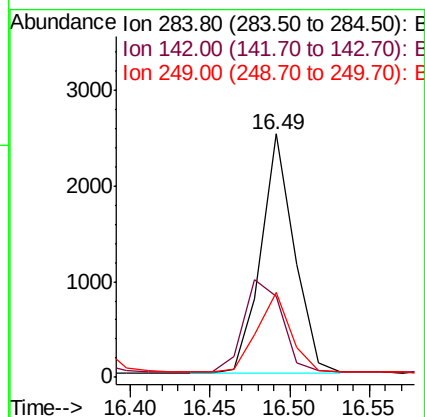
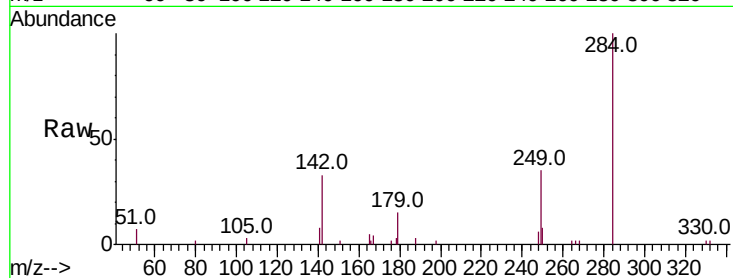




#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

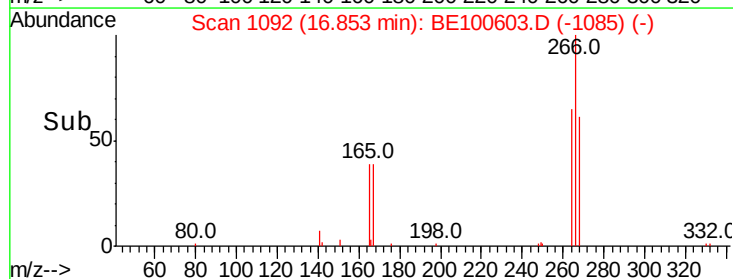
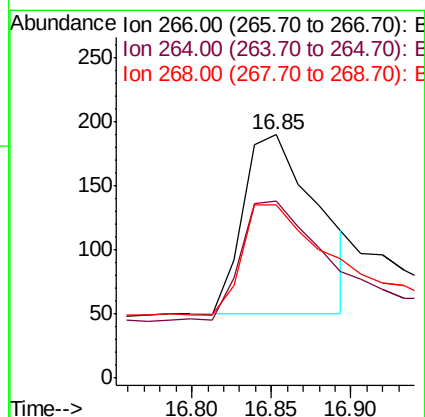
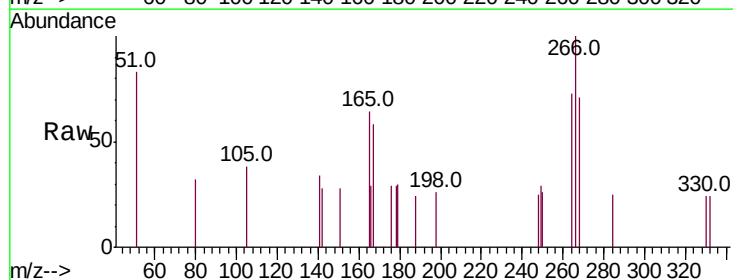
Instrument :
BNA_E
ClientSampleId :

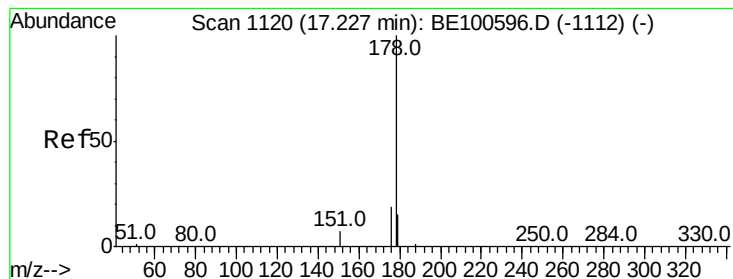
Tot Ion:284 Resp: 3682
Ion Ratio Lower Upper
284 100
142 45.1 35.1 52.7
249 33.6 27.2 40.8



#22
Pentachlorophenol
Concen: 0.444 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

Tgt Ion:266 Resp: 453
Ion Ratio Lower Upper
266 100
264 72.6 56.3 84.5
268 71.1 60.3 90.5





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

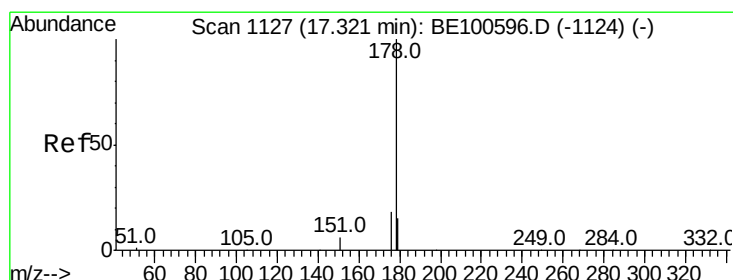
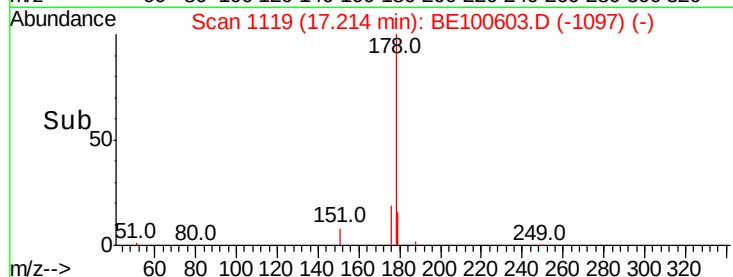
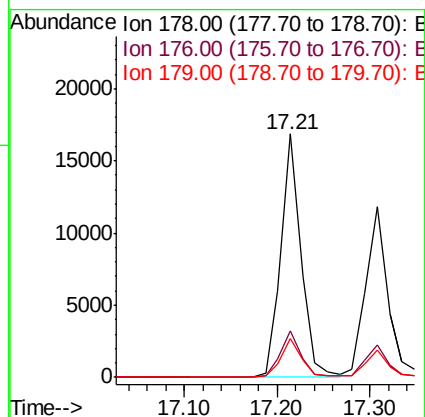
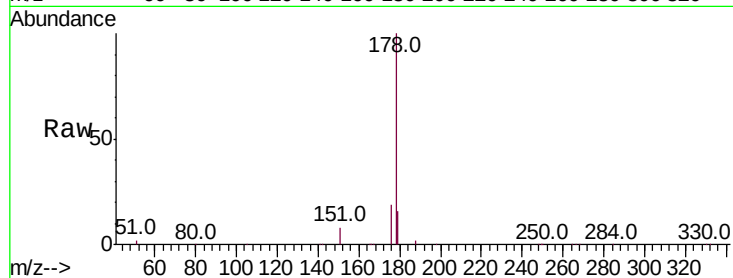
Tot Ion:178 Resp: 25170

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.7 12.3 18.5



#24

Anthracene

Concen: 0.339 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

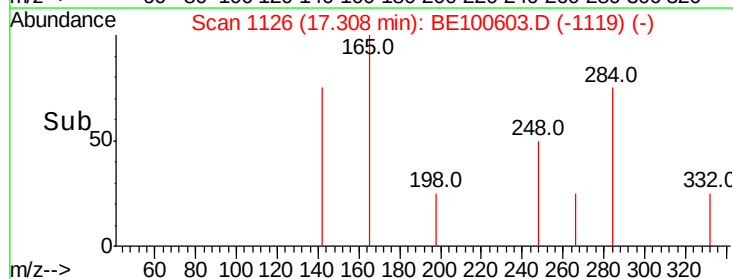
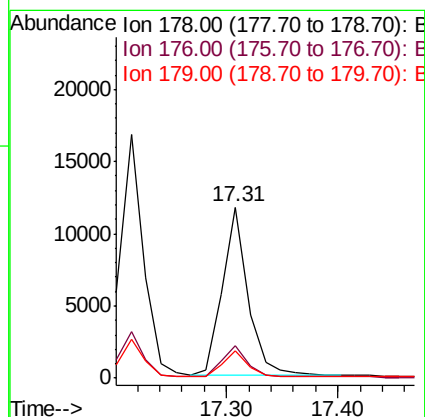
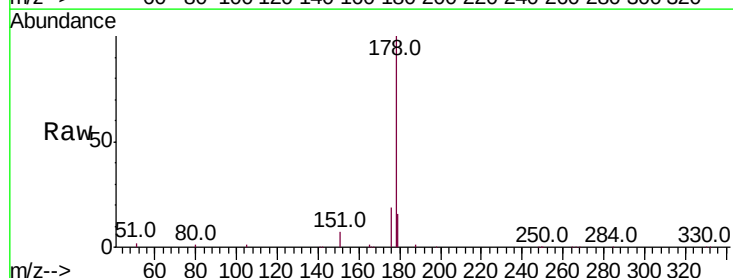
Tgt Ion:178 Resp: 18570

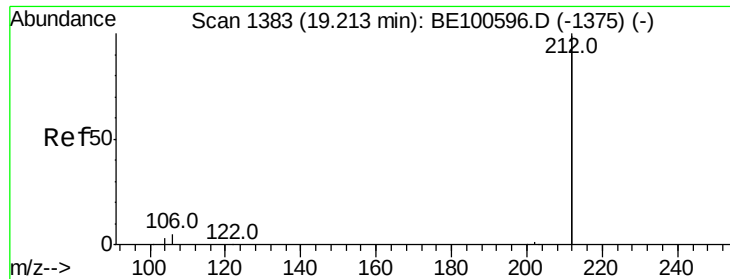
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.3 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

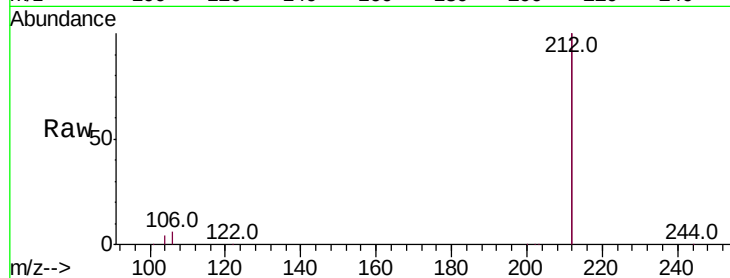
Tot Ion:212 Resp: 100671

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

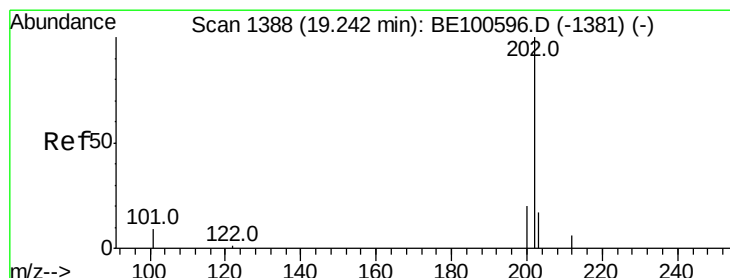
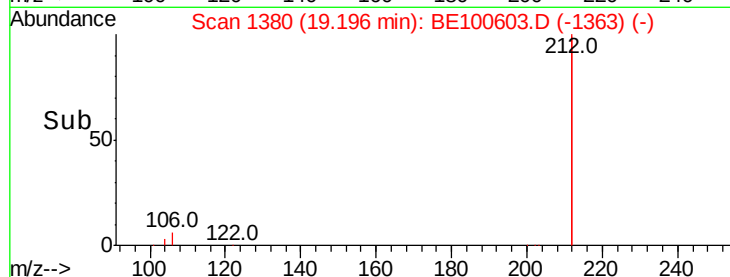
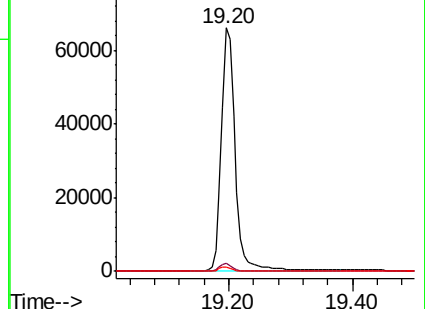
104 1.6 1.3 1.9



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: 0.381 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

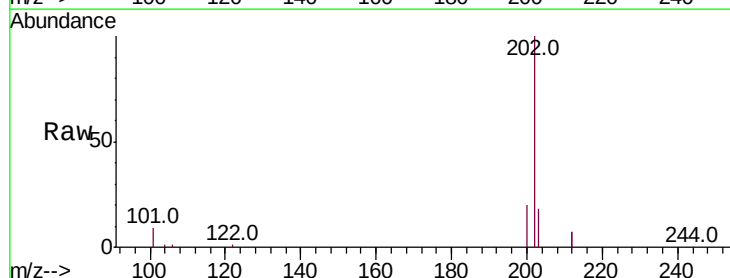
Tgt Ion:202 Resp: 29929

Ion Ratio Lower Upper

202 100

101 10.8 8.6 12.8

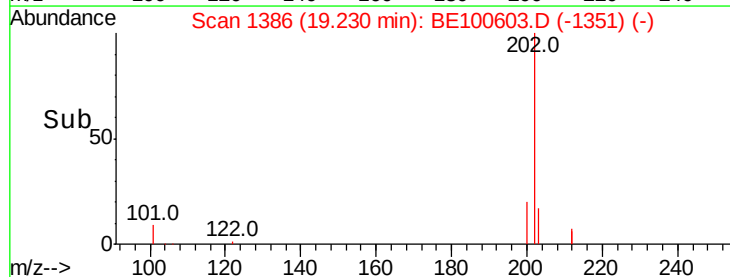
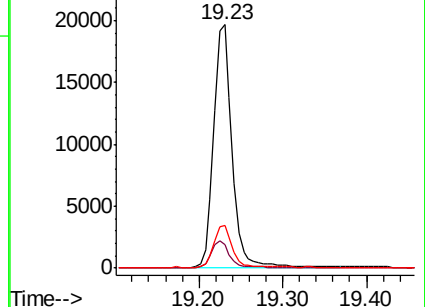
203 17.3 13.8 20.6

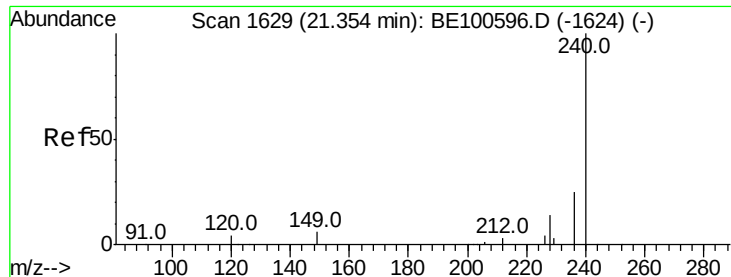


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

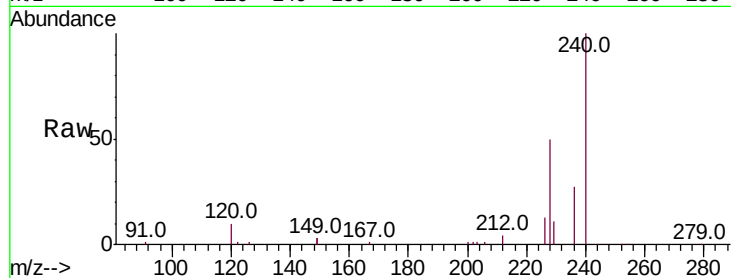
Tot Ion:240 Resp: 28478

Ion Ratio Lower Upper

240 100

120 10.4 3.6 5.4#

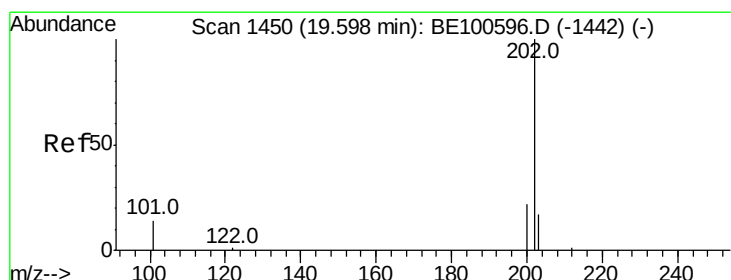
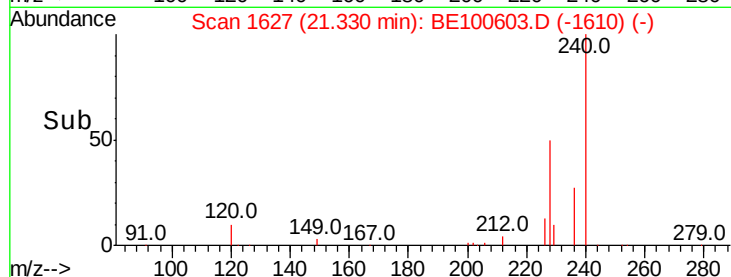
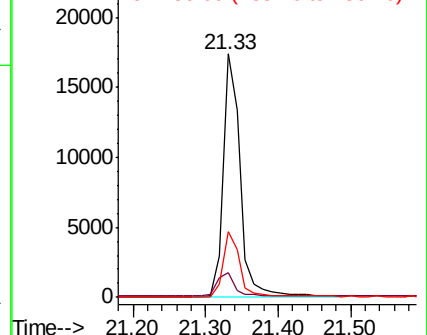
236 26.9 20.5 30.7



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: 0.422 ng

RT: 19.59 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

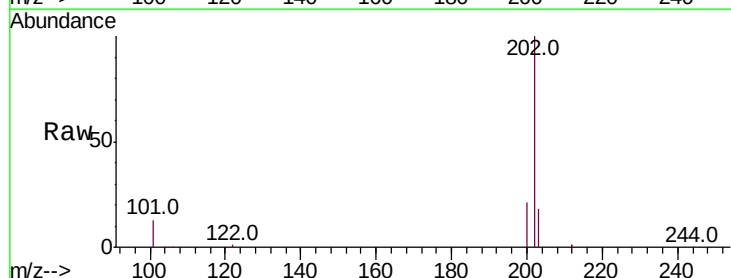
Tgt Ion:202 Resp: 30795

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

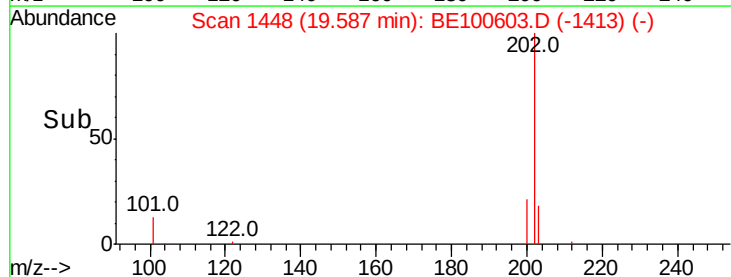
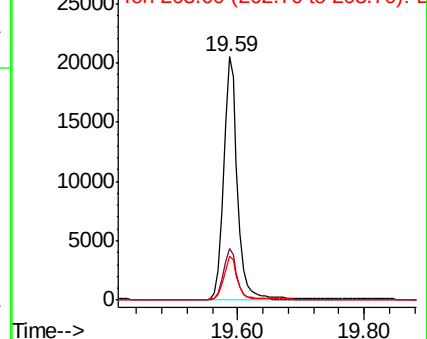
203 17.8 14.1 21.1

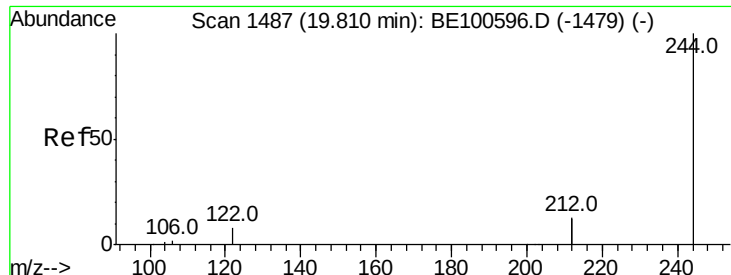


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.80 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

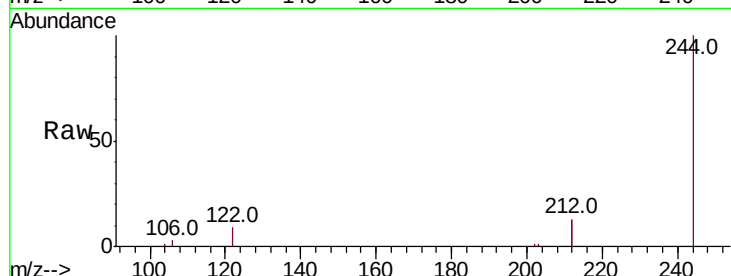
Tot Ion:244 Resp: 25601

Ion Ratio Lower Upper

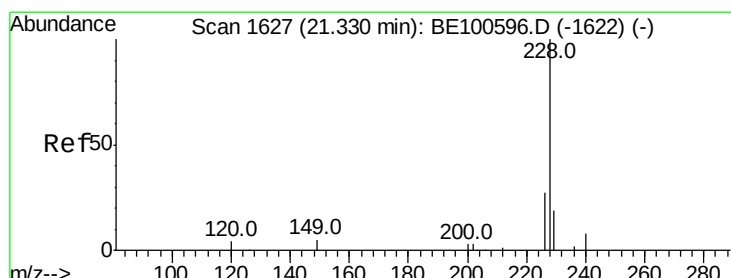
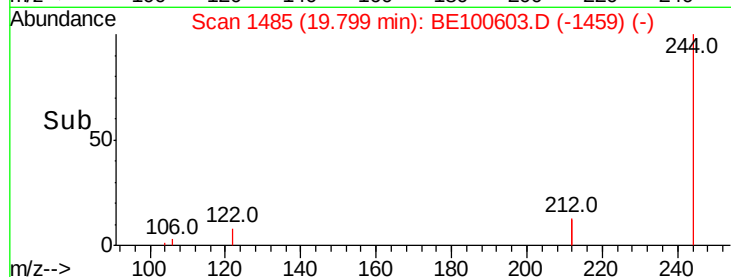
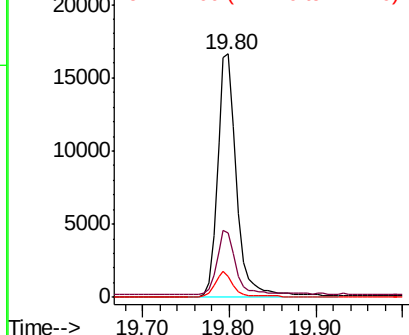
244 100

212 26.3 20.6 31.0

122 8.6 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: 0.357 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

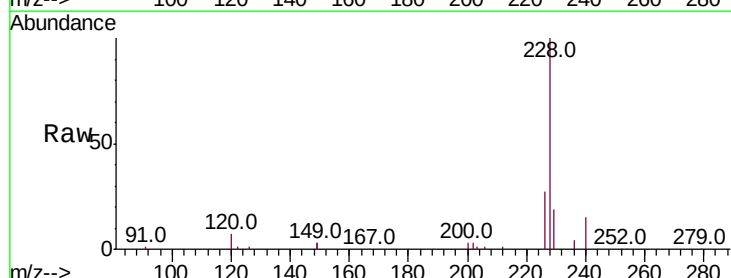
Tgt Ion:228 Resp: 28410

Ion Ratio Lower Upper

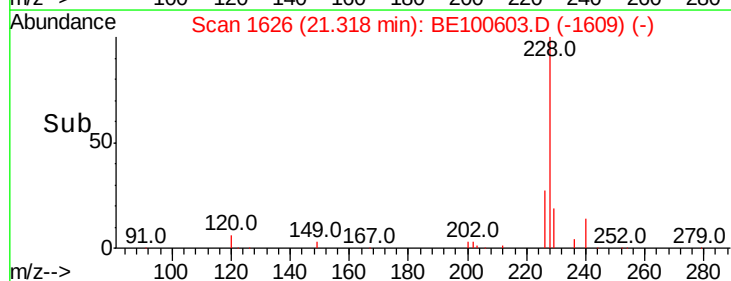
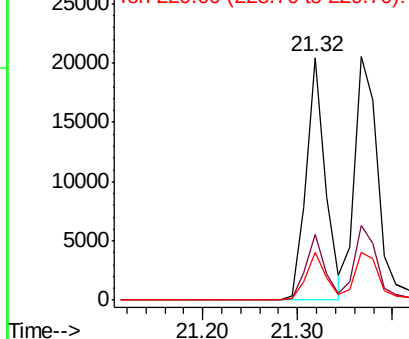
228 100

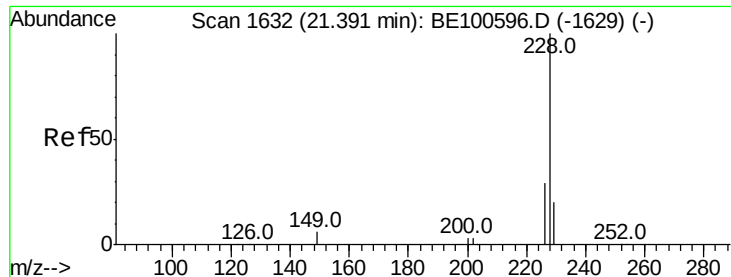
226 26.9 21.5 32.3

229 19.4 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: 0.395 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampled :

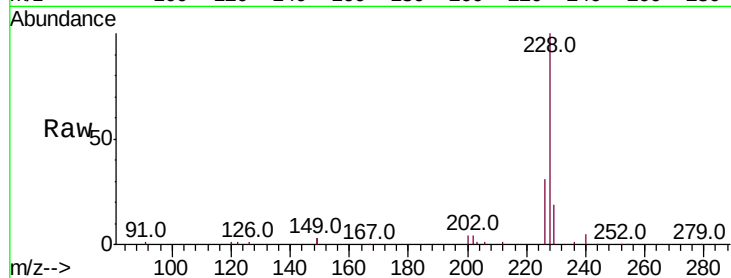
Tot Ion:228 Resp: 33643

Ion Ratio Lower Upper

228 100

226 30.6 22.7 34.1

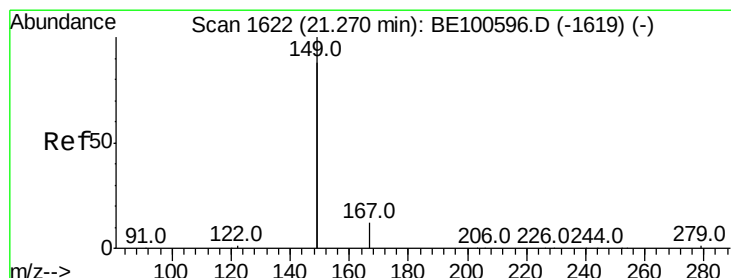
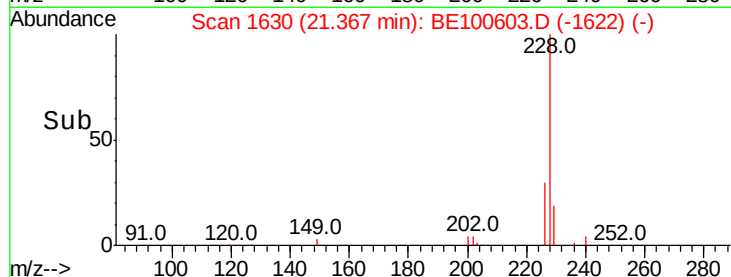
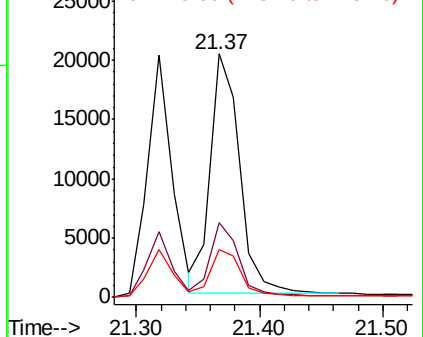
229 19.4 16.3 24.5



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: 0.219 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

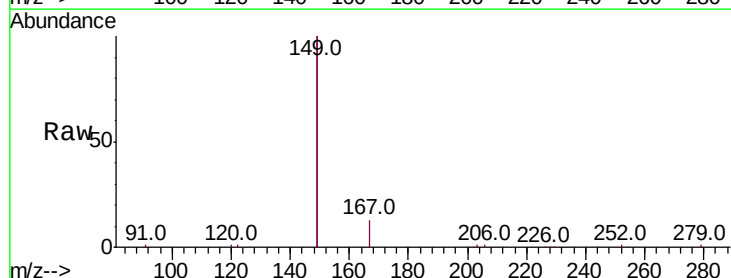
Tgt Ion:149 Resp: 33308

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

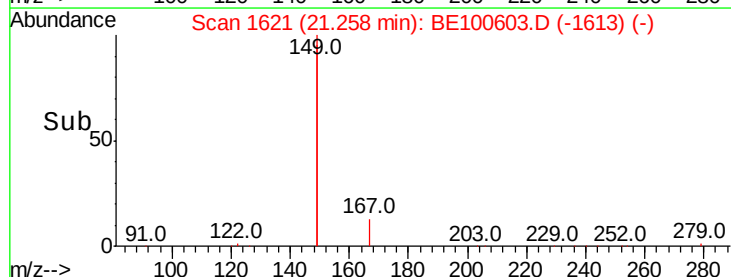
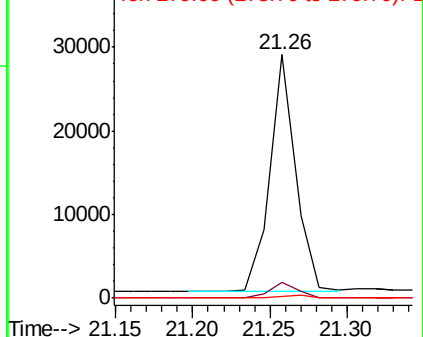
279 1.2 0.9 1.3

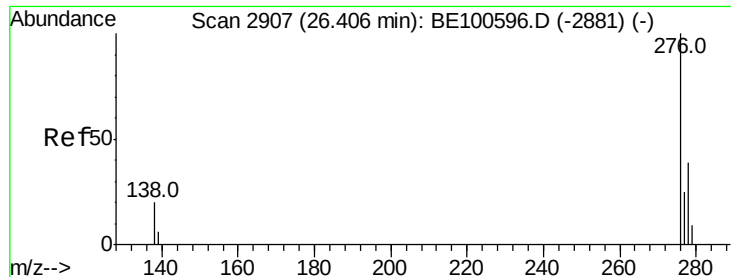


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

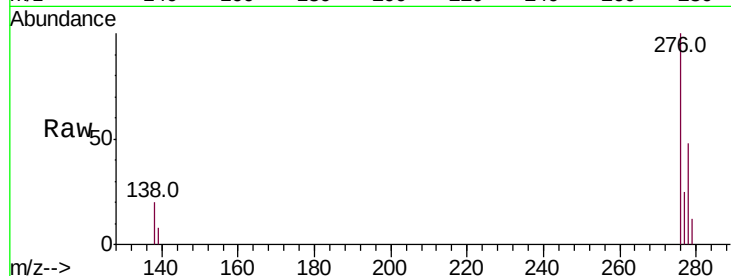




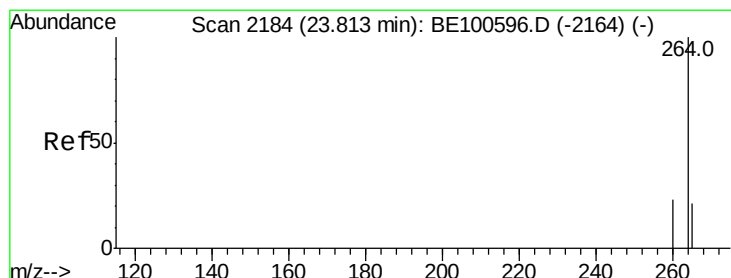
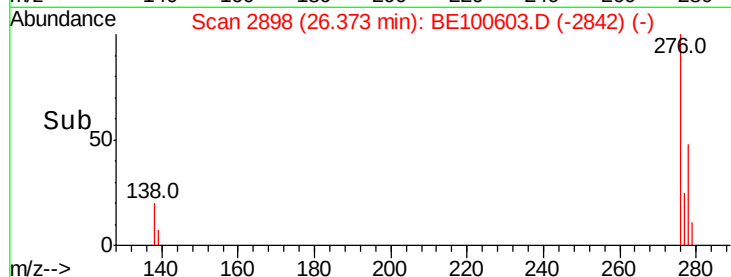
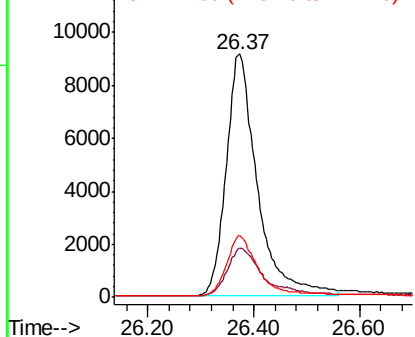
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.374 ng
 RT: 26.37 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: BE100603.D
 Acq: 8 Oct 2019 11:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 37514
 Ion Ratio Lower Upper
 276 100
 138 22.7 17.8 26.8
 277 25.1 19.8 29.8

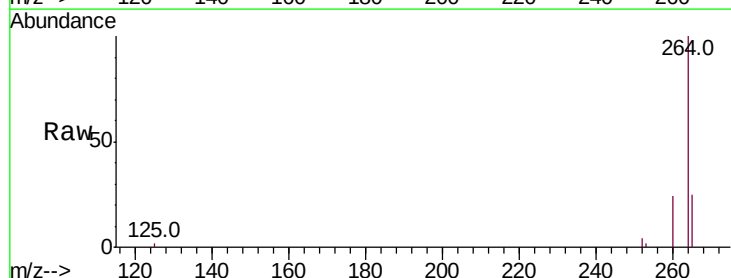


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

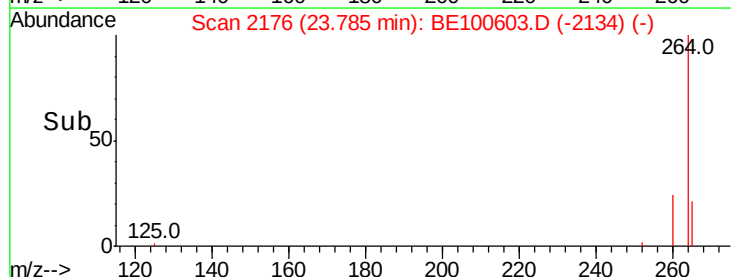
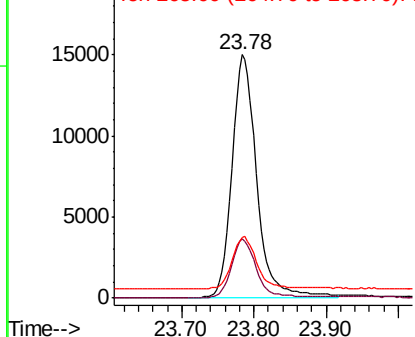


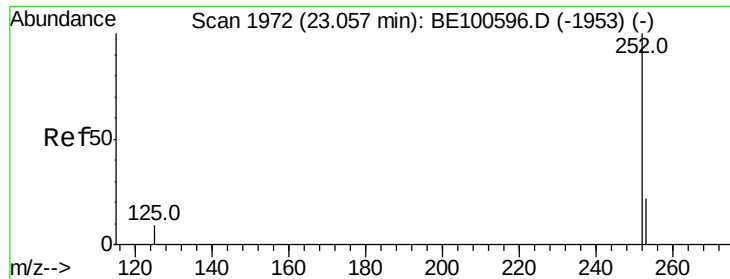
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BE100603.D
 Acq: 8 Oct 2019 11:42

Tgt Ion:264 Resp: 34453
 Ion Ratio Lower Upper
 264 100
 260 24.2 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: 0.352 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :

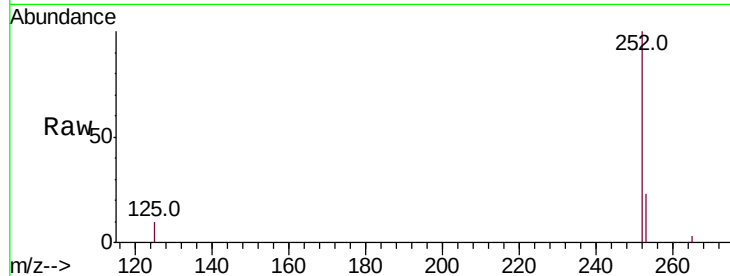
Tot Ion:252 Resp: 32877

Ion Ratio Lower Upper

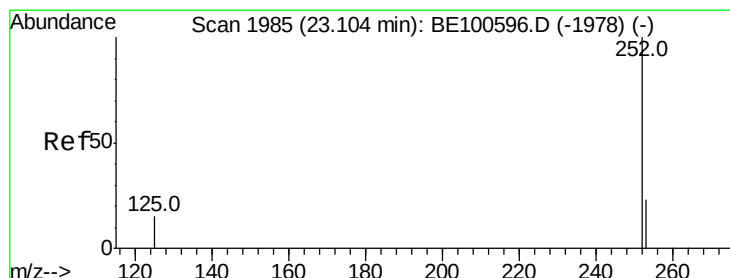
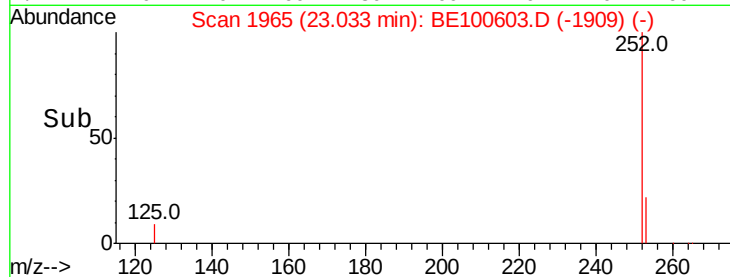
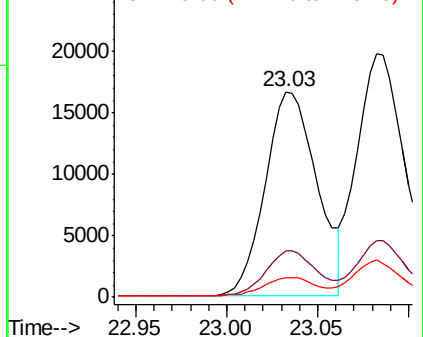
252 100

253 22.7 18.1 27.1

125 9.9 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: 0.378 ng

RT: 23.08 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

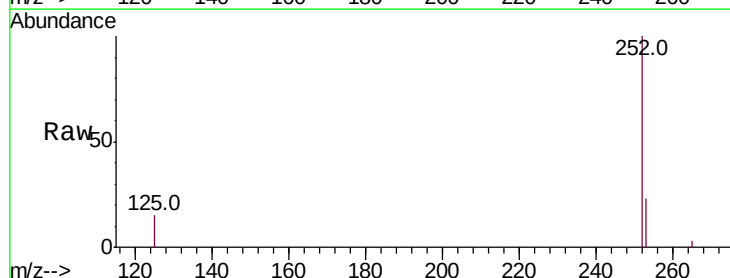
Tgt Ion:252 Resp: 40124

Ion Ratio Lower Upper

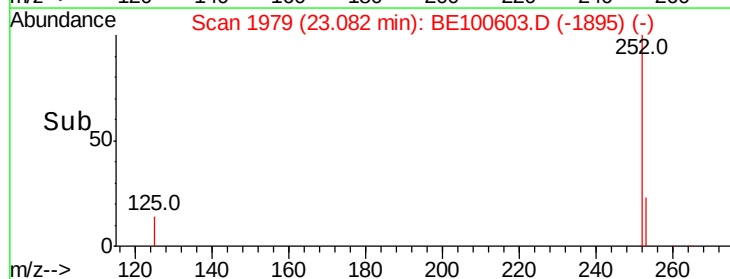
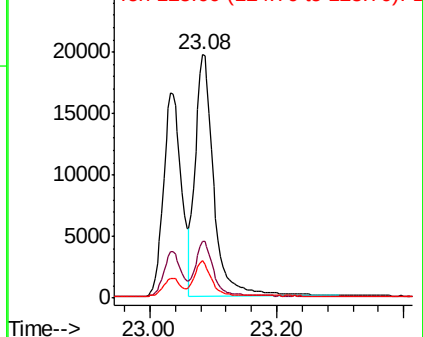
252 100

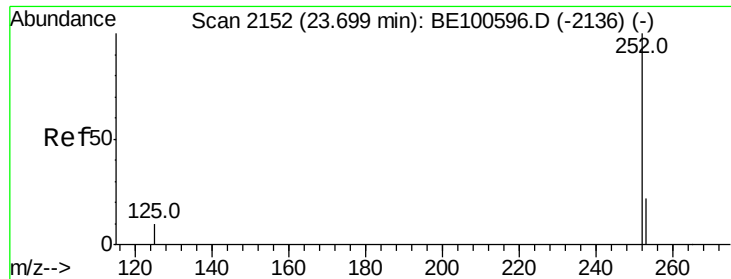
253 23.1 18.6 28.0

125 15.2 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

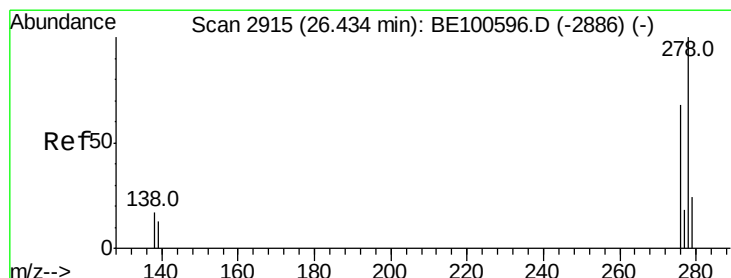
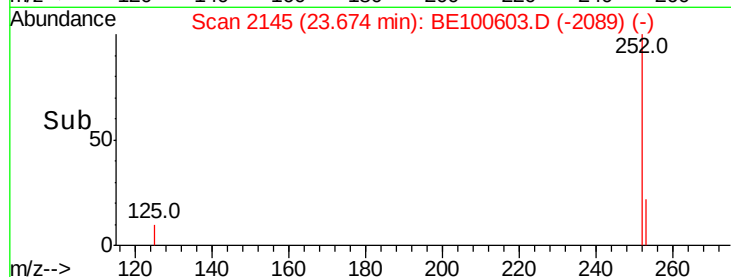
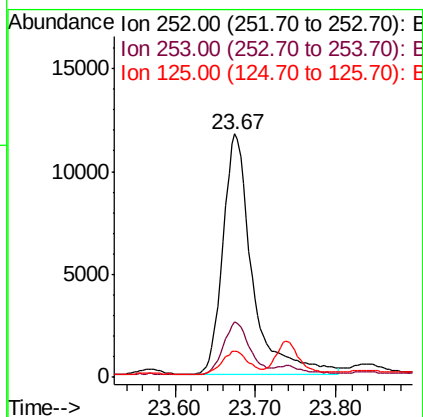
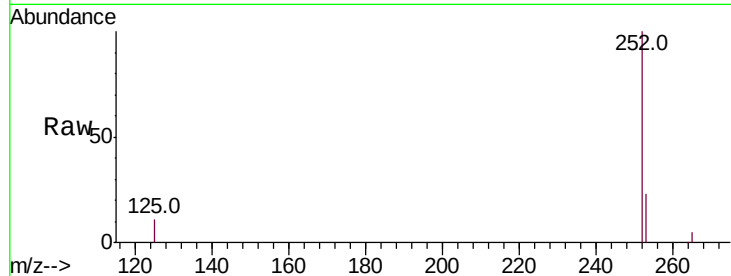




#37
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

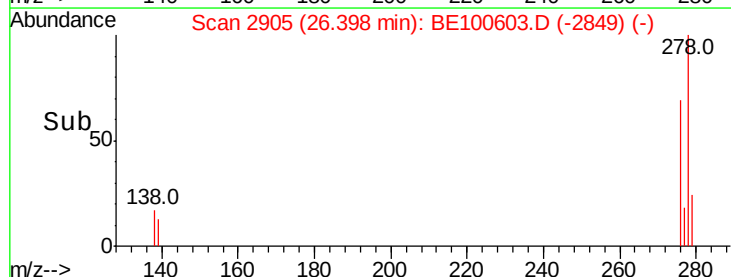
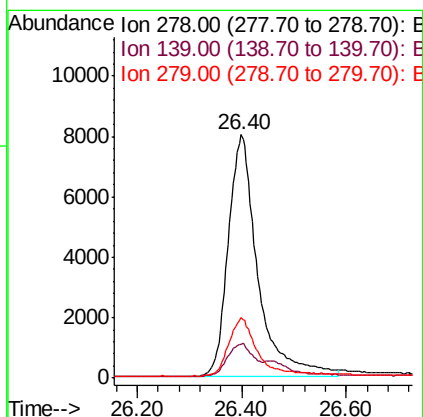
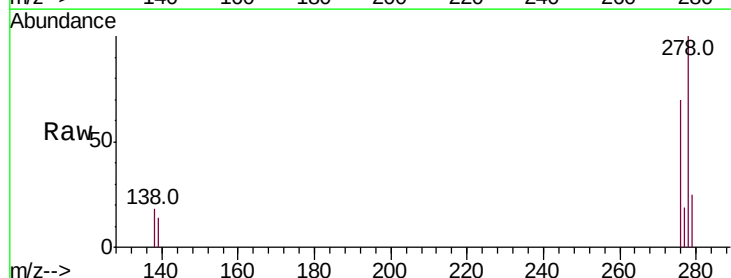
Instrument :
BNA_E
ClientSampleId :

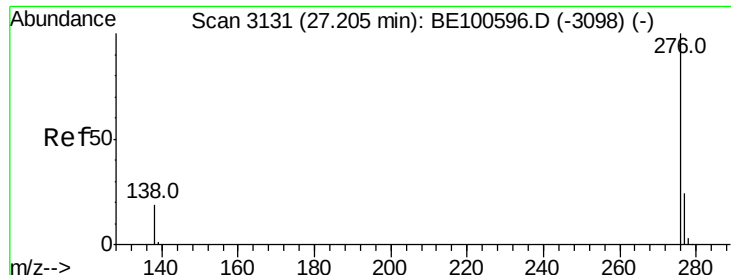
Tot Ion:252 Resp: 29481
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 10.9 8.8 13.2



#38
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 26.40 min Scan# 2905
Delta R.T. 0.00 min
Lab File: BE100603.D
Acq: 8 Oct 2019 11:42

Tgt Ion:278 Resp: 31562
Ion Ratio Lower Upper
278 100
139 13.8 11.0 16.4
279 24.6 19.7 29.5





#39

Benzo(a,h,i)perylene

Concen: 0.359 ng

RT: 27.17 min Scan# 3120

Delta R.T. 0.00 min

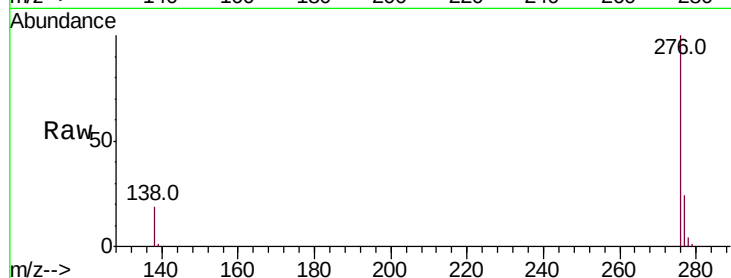
Lab File: BE100603.D

Acq: 8 Oct 2019 11:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 32762

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 19.4 15.6 23.4

