

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100616.D
 Acq On : 8 Oct 2019 19:43
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:28 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	3694	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17647	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10545	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	23686	0.40	ng	0.00
27) Chrysene-d12	21.33	240	29818	0.40	ng	0.00
34) Perylene-d12	23.78	264	35540	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	4248	0.43	ng	0.00
5) Phenol-d6	6.99	99	5518	0.44	ng	0.00
8) Nitrobenzene-d5	8.96	82	4214	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10473	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	969	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14883	0.39	ng	0.00
25) Fluoranthene-d10	19.20	212	110790	0.38	ng	0.00
29) Terphenyl-d14	19.79	244	27513	0.42	ng	0.00

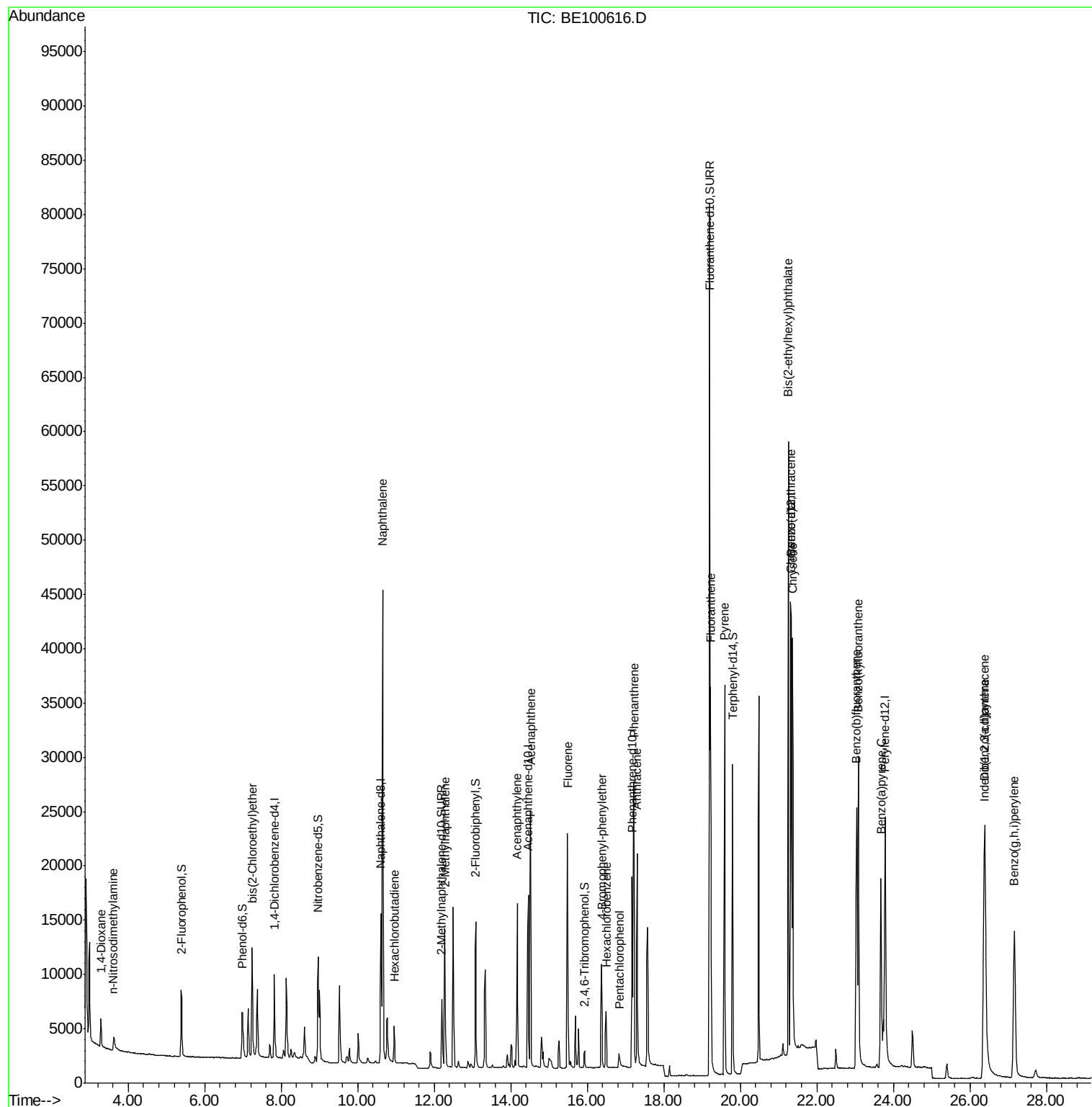
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2389	0.384	ng	# 93
3) n-Nitrosodimethylamine	3.61	42	1269	0.433	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	4570	0.394	ng	96
9) Naphthalene	10.65	128	71623	0.393	ng	100
10) Hexachlorobutadiene	10.95	225	2240	0.381	ng	98
12) 2-Methylnaphthalene	12.28	142	11869	0.397	ng	97
16) Acenaphthylene	14.17	152	17079	0.381	ng	100
17) Acenaphthene	14.51	154	11539	0.385	ng	99
18) Fluorene	15.49	166	14921	0.389	ng	98
20) 4-Bromophenyl-phenylether	16.37	248	4342	0.370	ng	# 90
21) Hexachlorobenzene	16.49	284	3791	0.384	ng	99
22) Pentachlorophenol	16.84	266	966	0.552	ng	92
23) Phenanthrene	17.21	178	26912	0.399	ng	100
24) Anthracene	17.31	178	21656	0.373	ng	100
26) Fluoranthene	19.23	202	32430	0.391	ng	99
28) Pyrene	19.59	202	33876	0.443	ng	100
30) Benzo(a)anthracene	21.32	228	31714	0.380	ng	99
31) Chrysene	21.37	228	34900	0.391	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	59002	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	26.37	276	40800	0.389	ng	98
35) Benzo(b)fluoranthene	23.03	252	34384	0.357	ng	100
36) Benzo(k)fluoranthene	23.08	252	40329	0.368	ng	# 96
37) Benzo(a)pyrene	23.67	252	32804	0.371	ng	99
38) Dibenzo(a,h)anthracene	26.39	278	33986	0.366	ng	99
39) Benzo(g,h,i)perylene	27.17	276	34603	0.367	ng	99

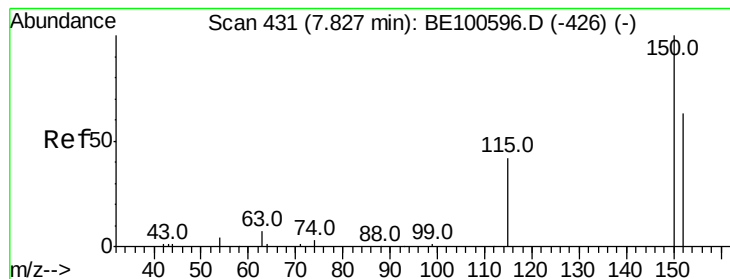
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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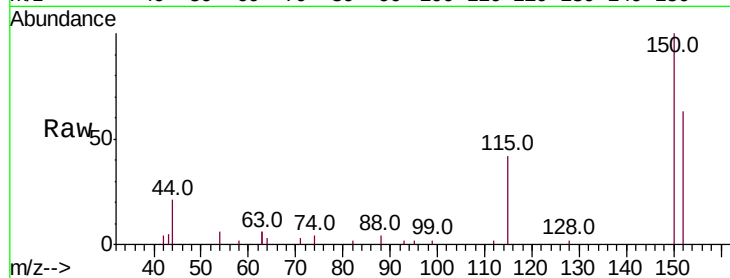


#1

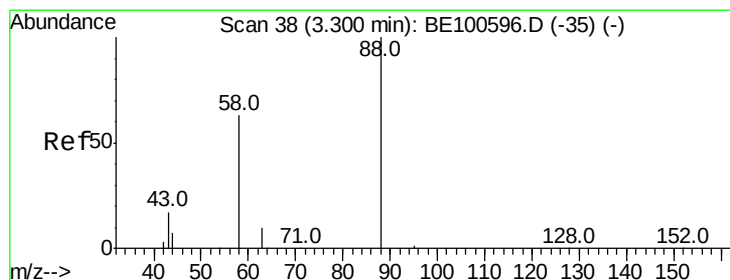
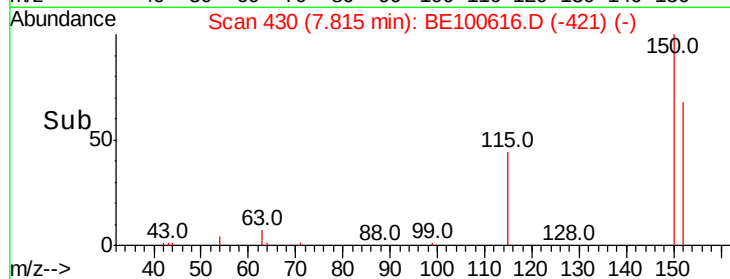
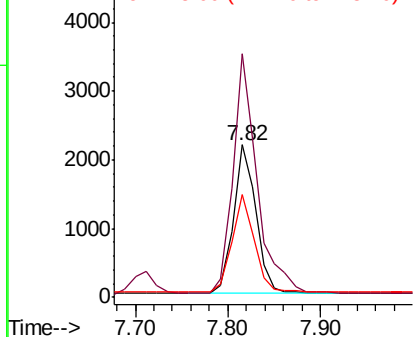
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3694
Ion Ratio Lower Upper
152 100
150 159.7 126.5 189.7
115 67.1 54.6 81.8



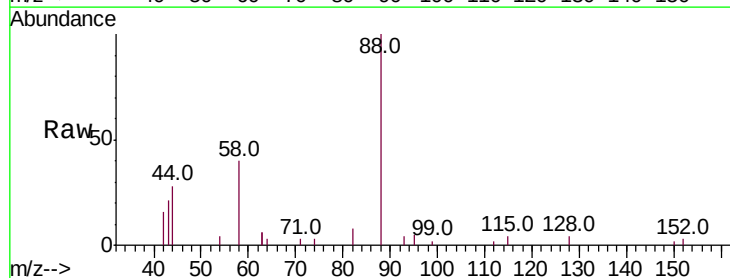
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



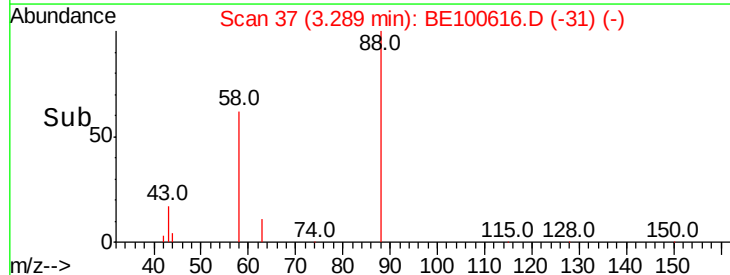
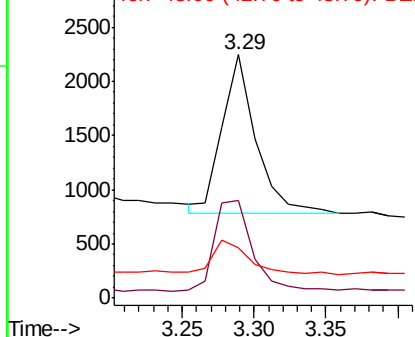
#2

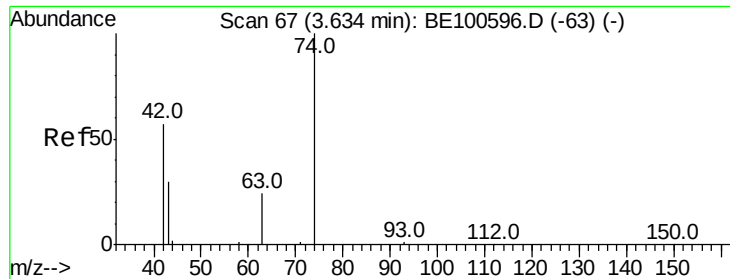
1,4-Dioxane
Concen: 0.384 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

Tgt Ion: 88 Resp: 2389
Ion Ratio Lower Upper
88 100
58 63.5 48.1 72.1
43 24.5 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: 0.433 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

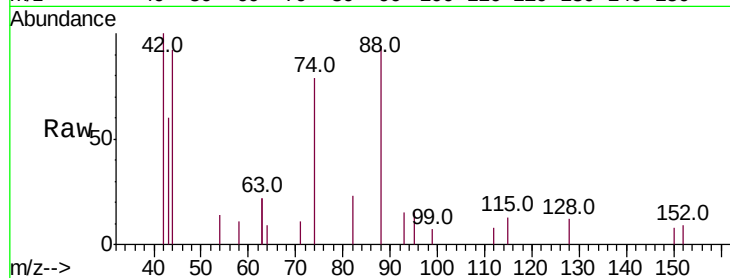
Tot Ion: 42 Resp: 1269

Ion Ratio Lower Upper

42 100

74 171.9 136.2 204.2

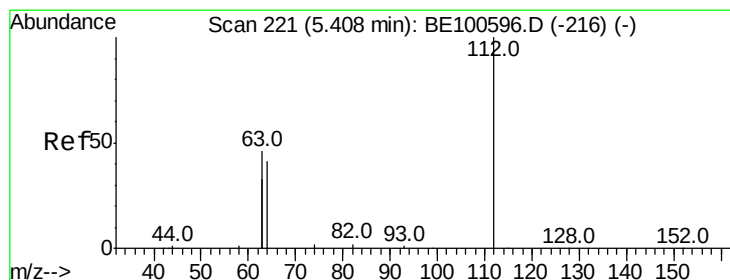
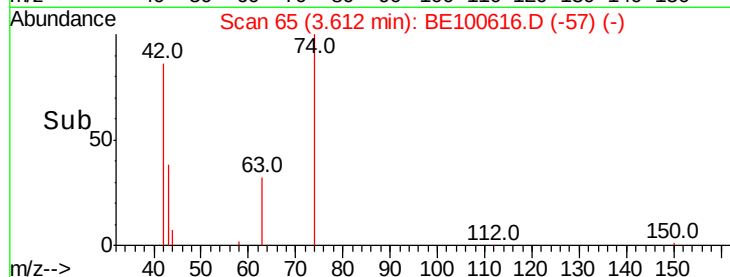
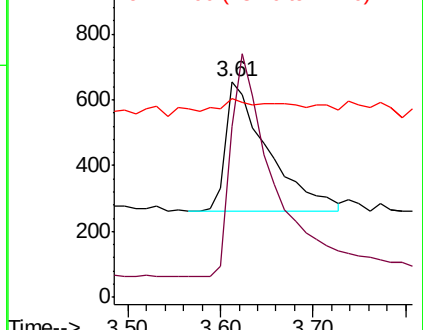
44 6.0 7.4 11.0#



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: 0.426 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

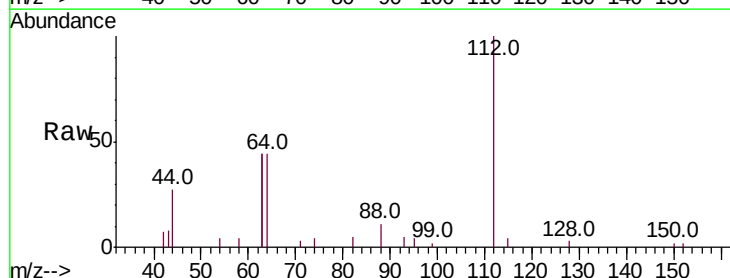
Tgt Ion: 112 Resp: 4248

Ion Ratio Lower Upper

112 100

64 56.4 43.7 65.5

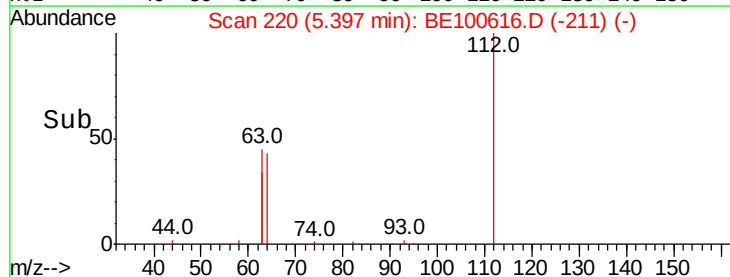
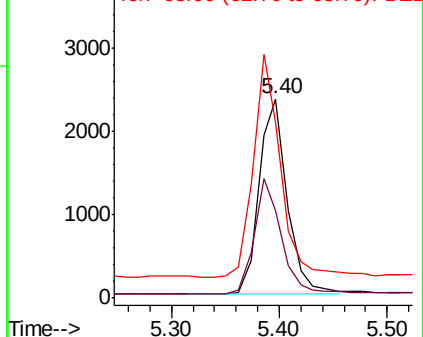
63 109.7 84.5 126.7

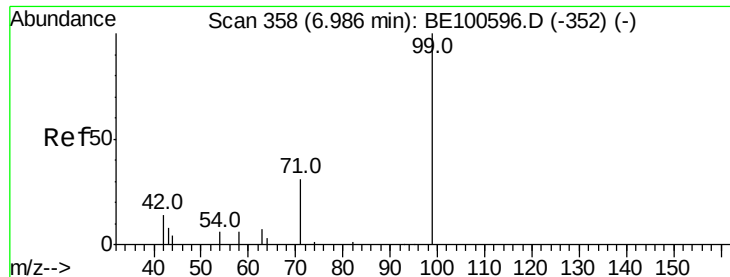


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.440 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

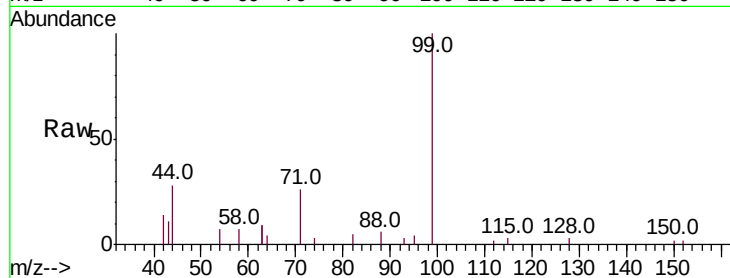
Tot Ion: 99 Resp: 5518

Ion Ratio Lower Upper

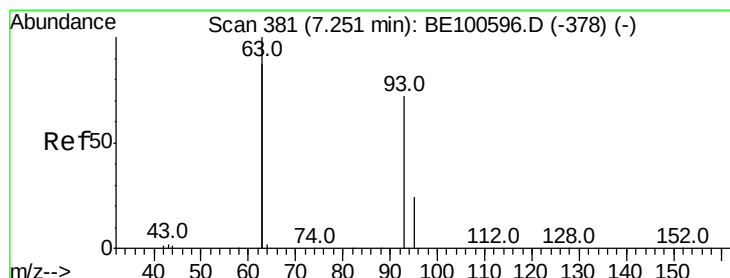
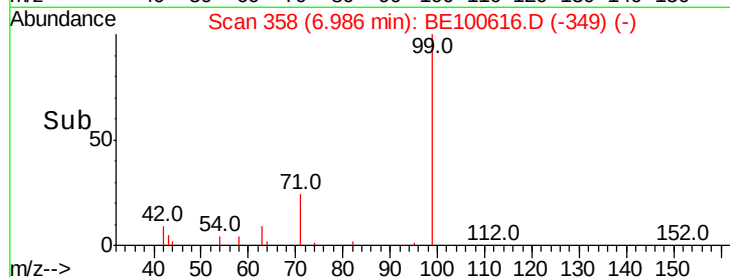
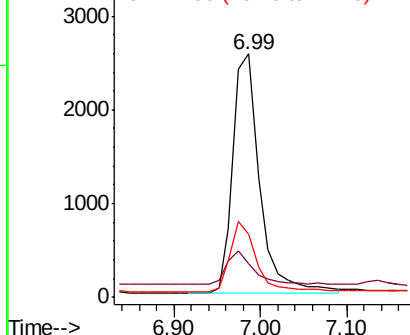
99 100

42 13.9 11.7 17.5

71 28.1 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: 0.394 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

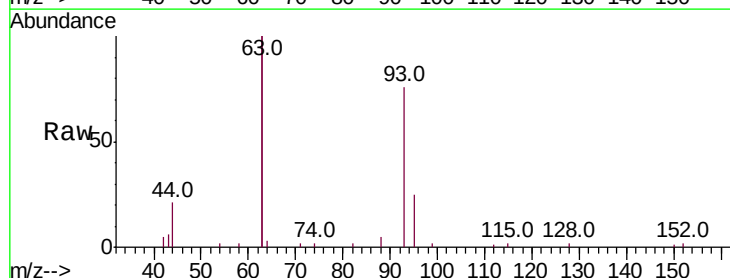
Tgt Ion: 93 Resp: 4570

Ion Ratio Lower Upper

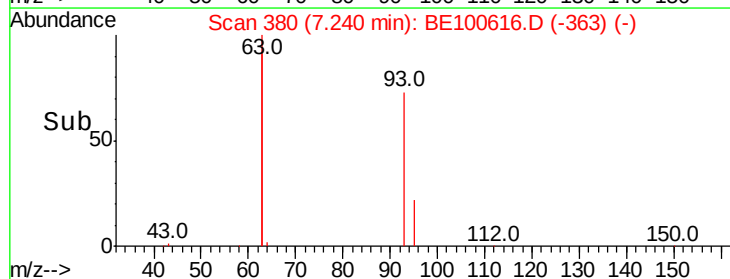
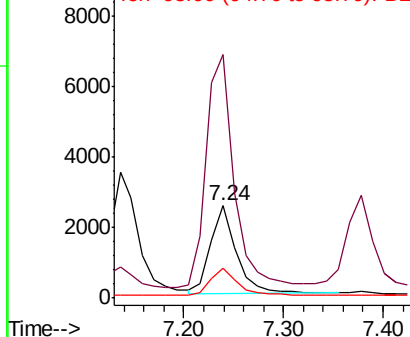
93 100

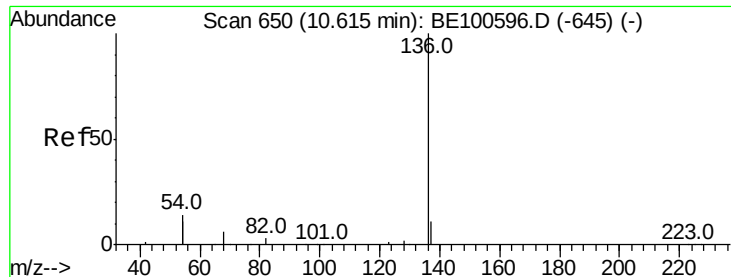
63 284.4 221.0 331.4

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: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17647

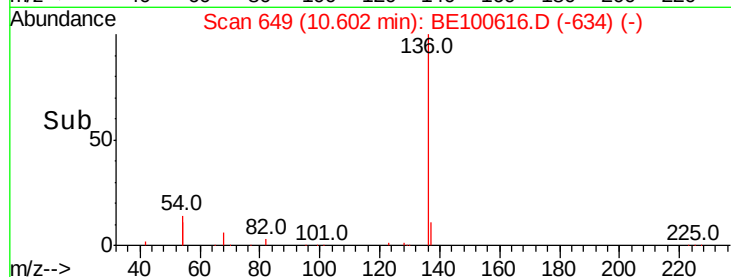
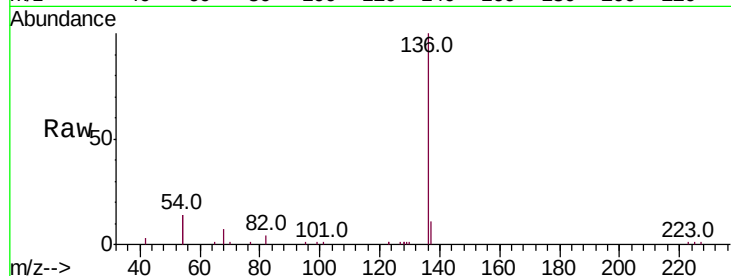
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 28.7 22.4 33.6

68 6.8 5.2 7.8

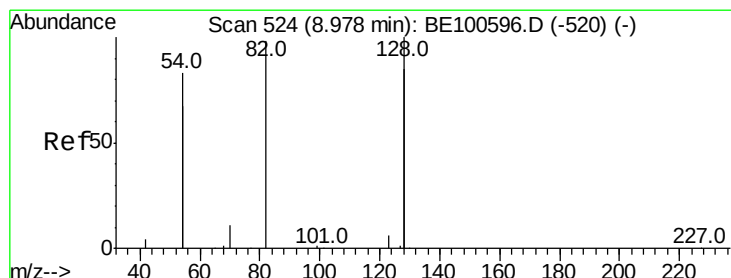
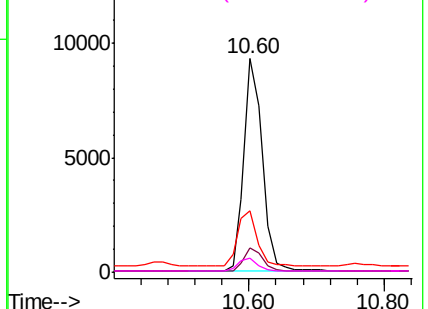


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

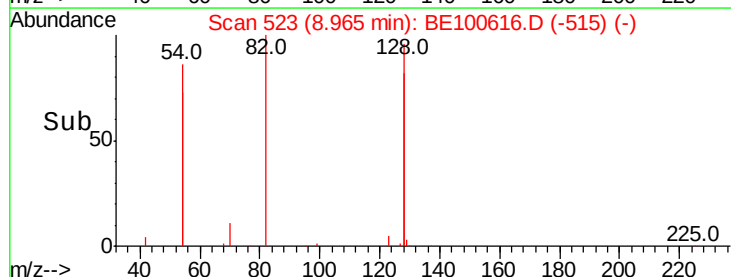
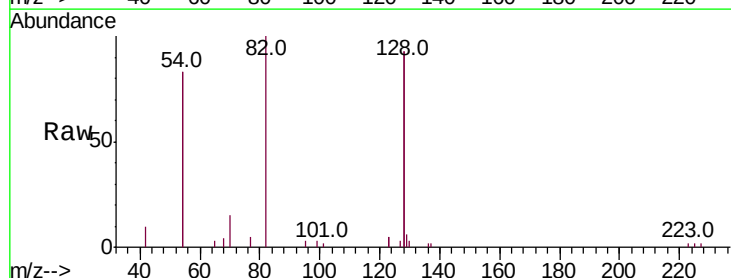
Tgt Ion: 82 Resp: 4214

Ion Ratio Lower Upper

82 100

128 185.8 154.7 232.1

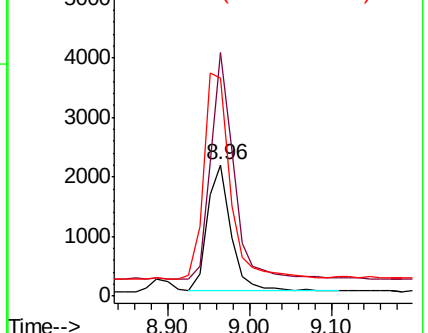
54 166.0 128.5 192.7

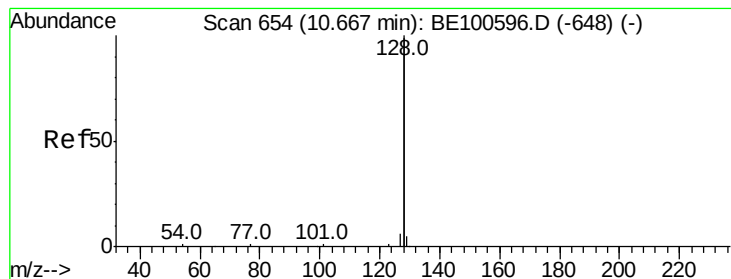


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.393 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

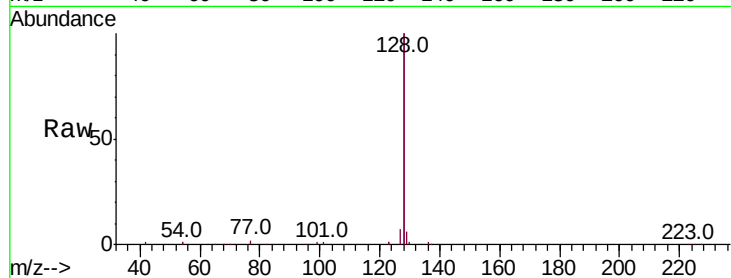
Tot Ion:128 Resp: 71623

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

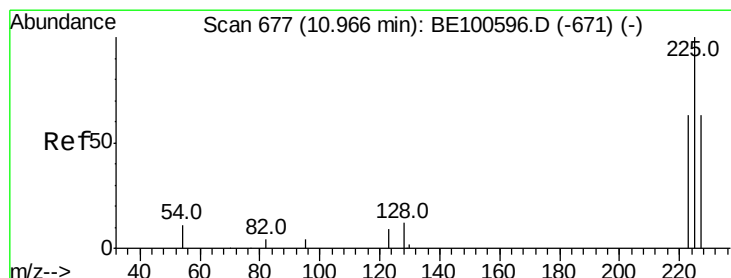
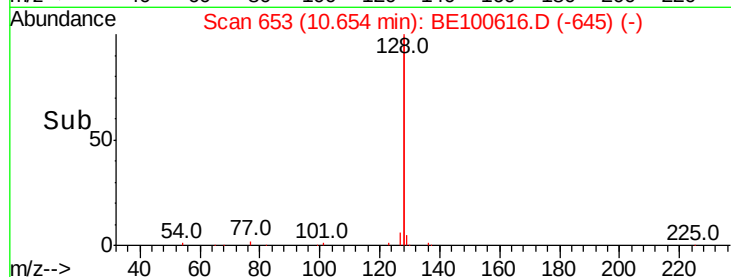
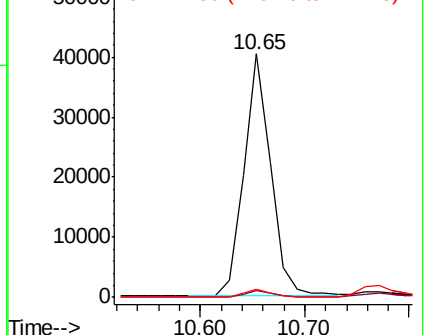
127 3.3 2.6 4.0



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: 0.381 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

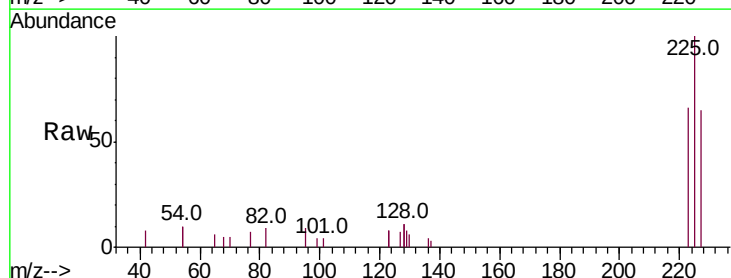
Tgt Ion:225 Resp: 2240

Ion Ratio Lower Upper

225 100

223 63.4 49.8 74.8

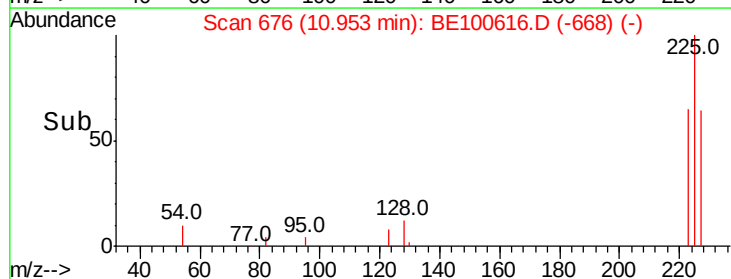
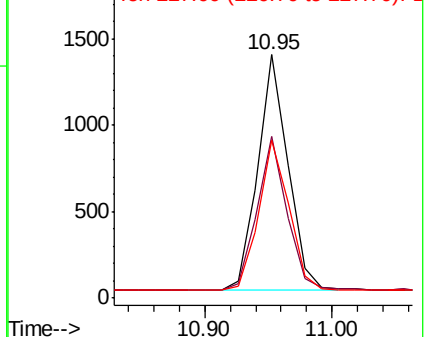
227 63.8 50.1 75.1

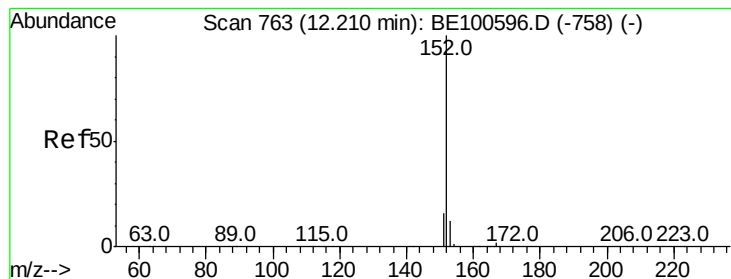


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

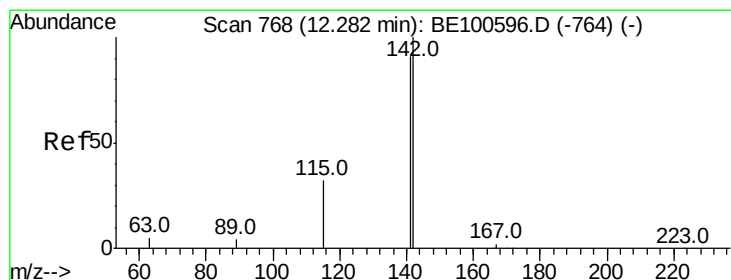
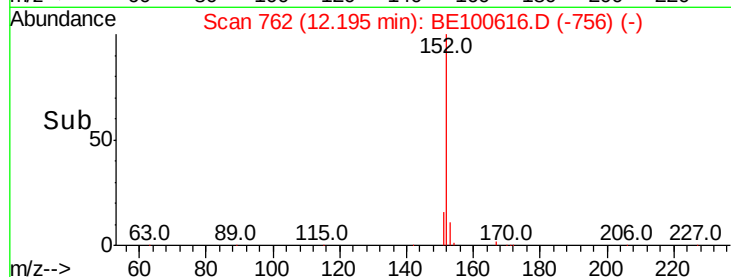
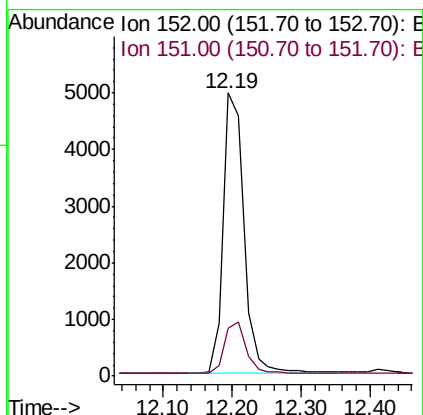
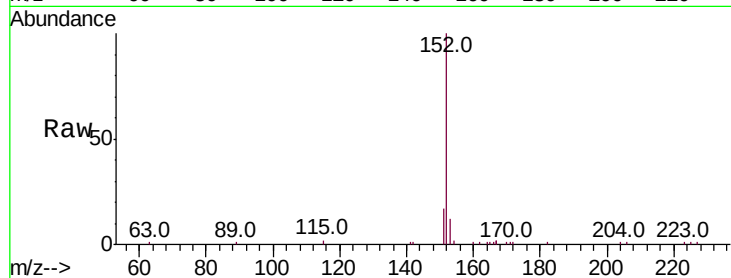




#11
 2-Methylnaphthalene-d10
 Concen: 0.397 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

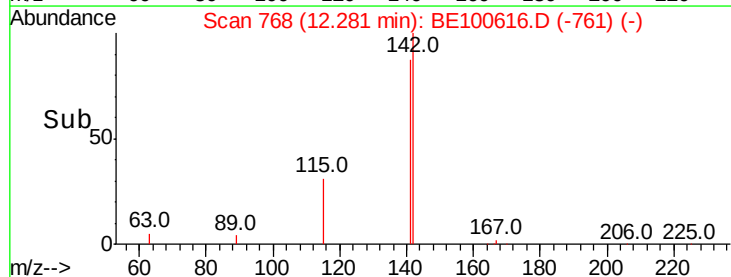
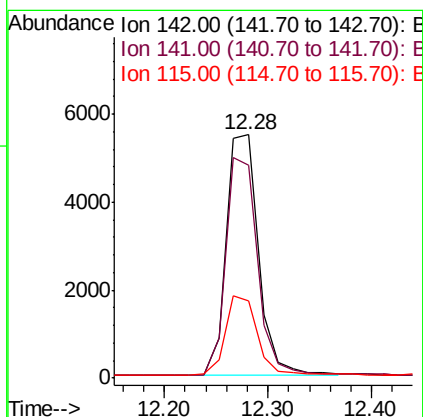
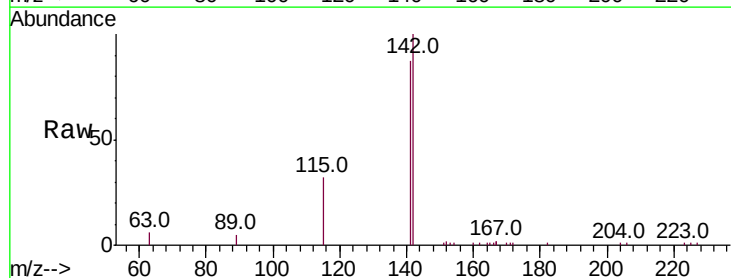
Instrument :
 BNA_E
 ClientSampled :

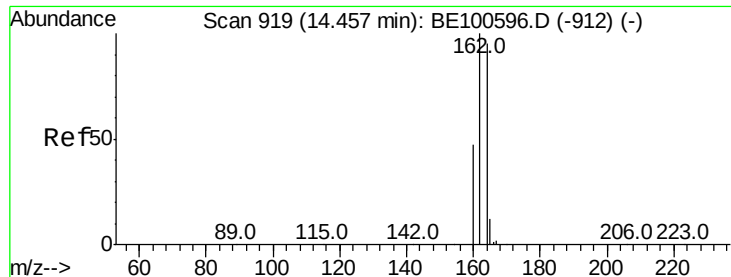
Tot Ion:152 Resp: 10473
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

Tgt Ion:142 Resp: 11869
 Ion Ratio Lower Upper
 142 100
 141 87.4 72.6 108.8
 115 31.6 26.6 40.0

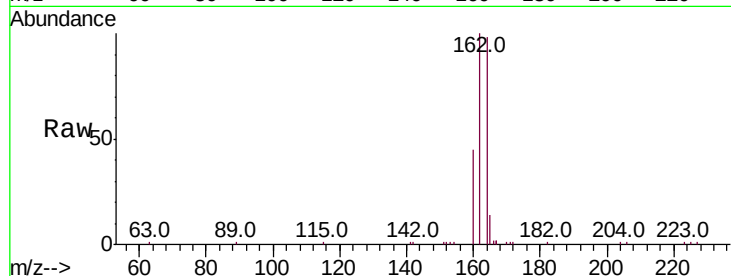




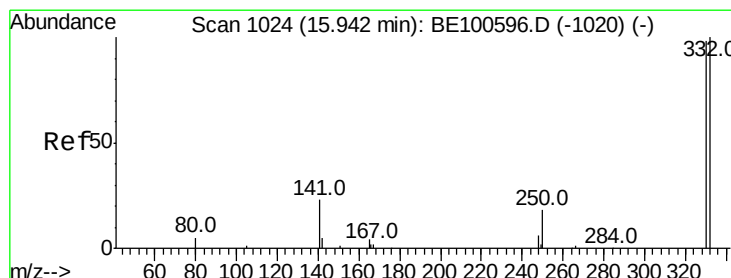
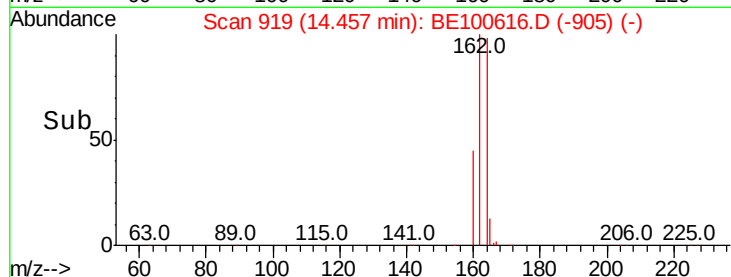
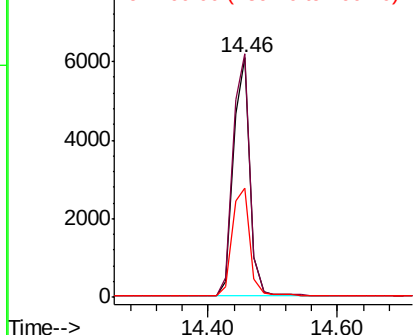
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 10545
 Ion Ratio Lower Upper
 164 100
 162 101.7 84.2 126.4
 160 45.7 40.2 60.4

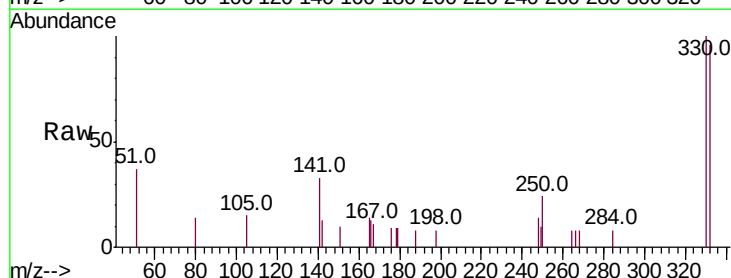


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

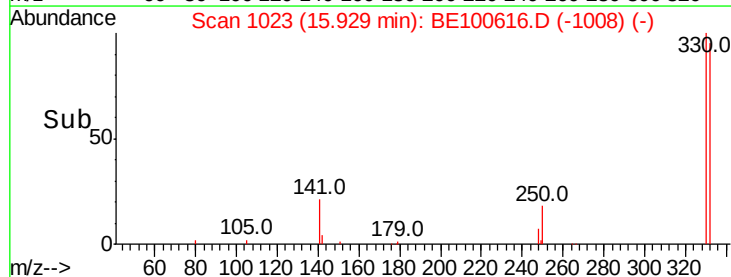
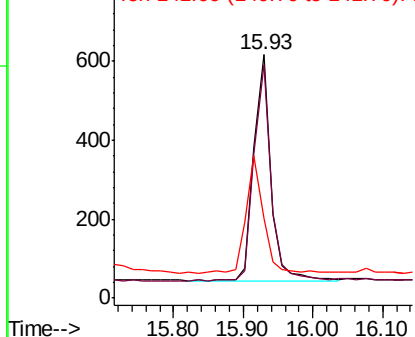


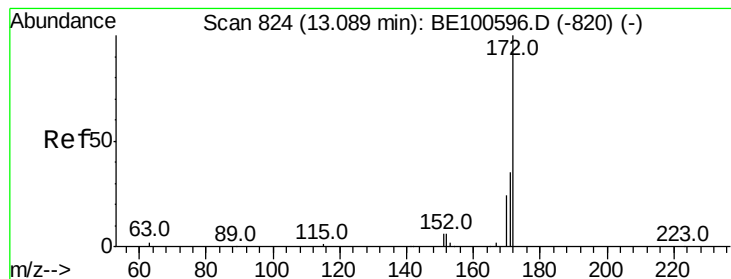
#14
 2,4,6-Tribromophenol
 Concen: 0.402 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

Tgt Ion:330 Resp: 969
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.5 117.7
 141 55.4 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: 0.389 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

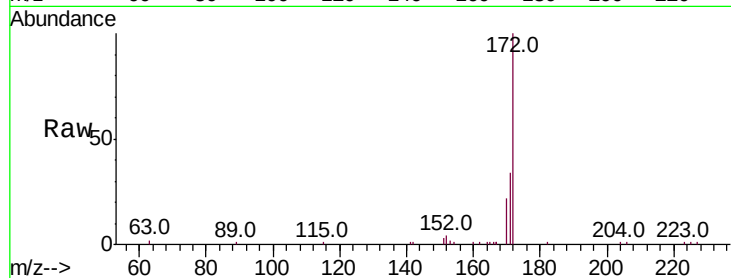
Tot Ion:172 Resp: 14883

Ion Ratio Lower Upper

172 100

171 33.8 28.7 43.1

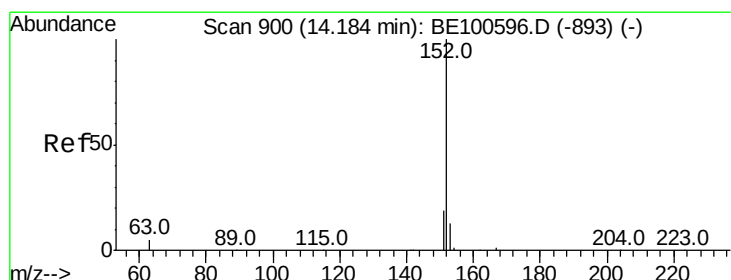
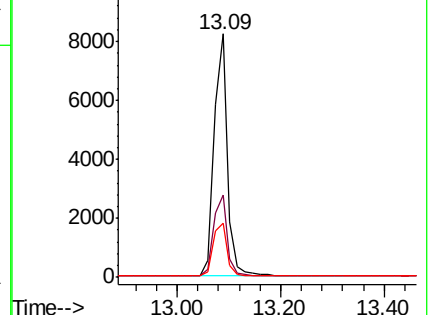
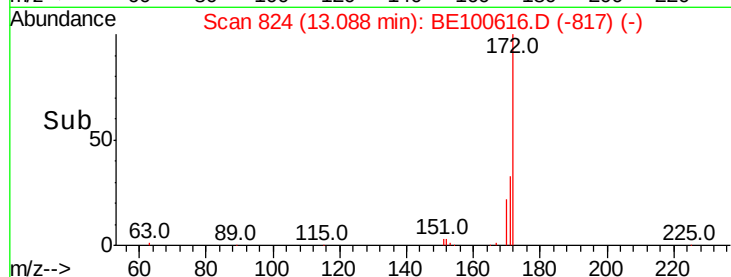
170 22.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.381 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

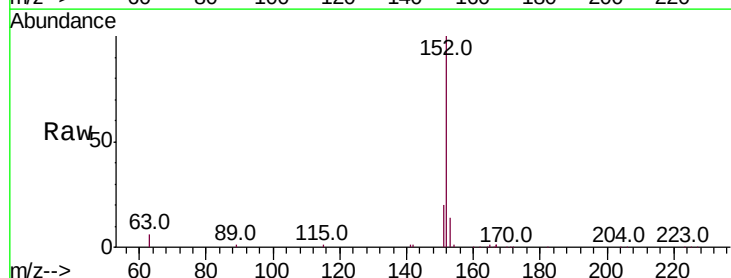
Tgt Ion:152 Resp: 17079

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

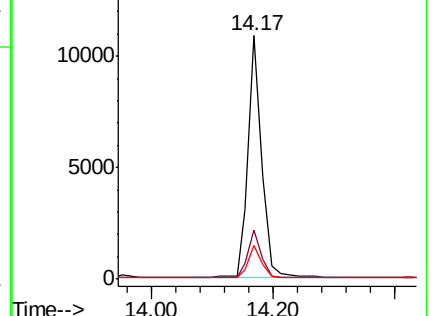
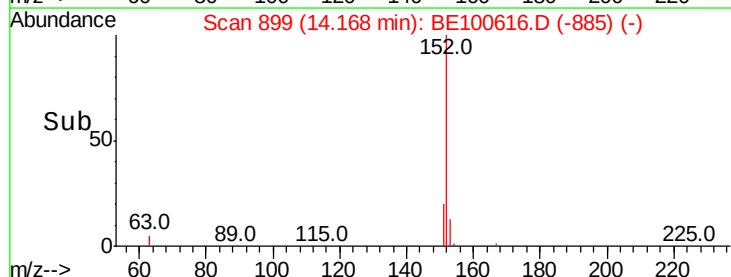
153 13.1 10.4 15.6

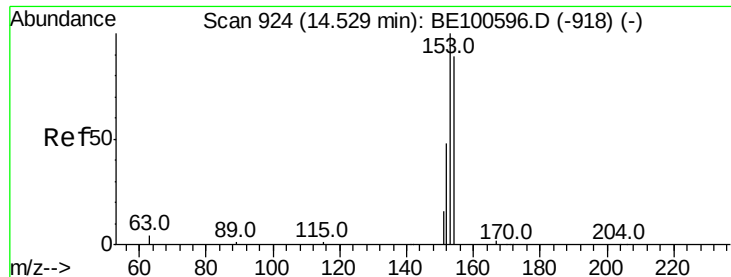


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

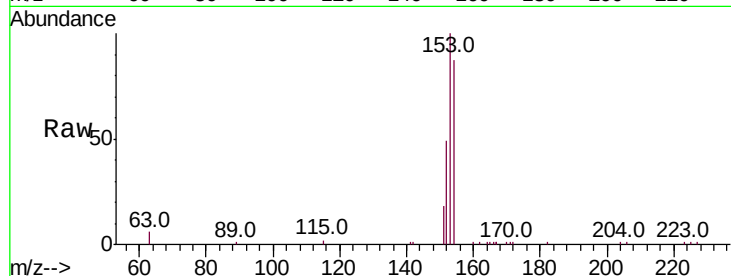
Tot Ion:154 Resp: 11539

Ion Ratio Lower Upper

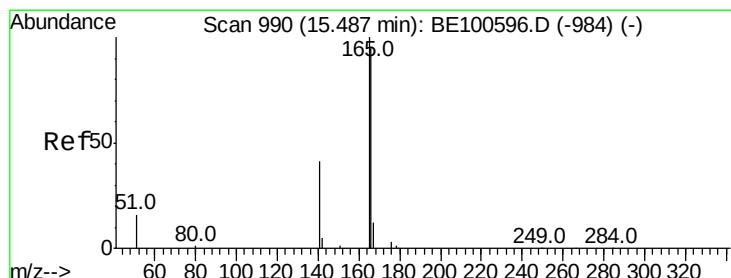
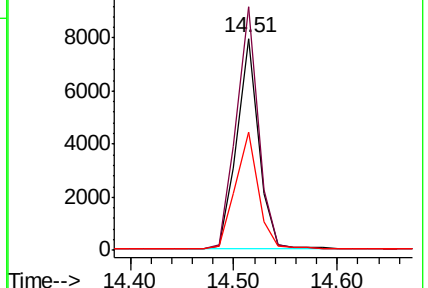
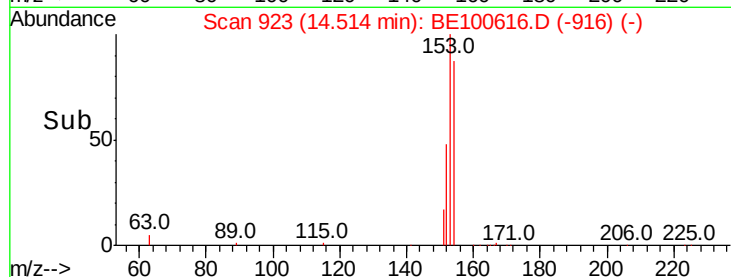
154 100

153 117.0 92.3 138.5

152 57.4 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: 0.389 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

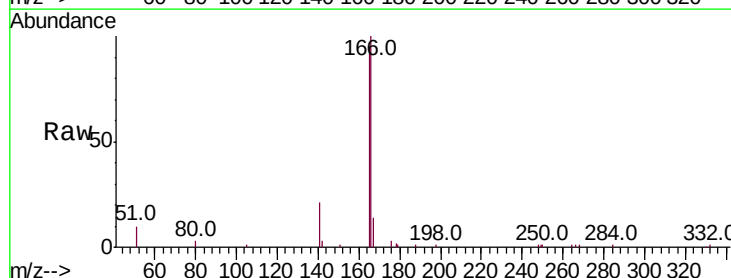
Tgt Ion:166 Resp: 14921

Ion Ratio Lower Upper

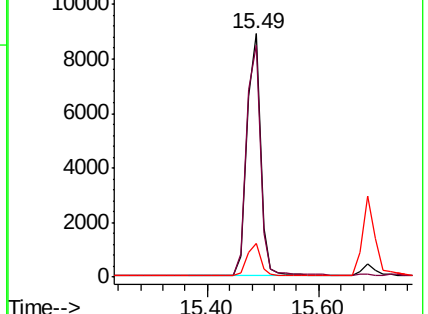
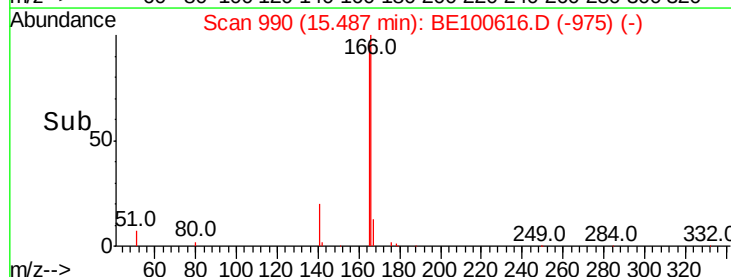
166 100

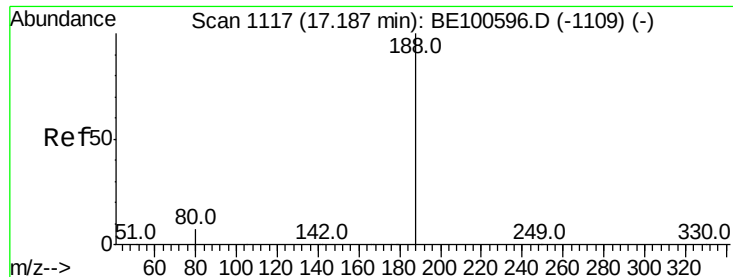
165 98.2 80.4 120.6

167 13.3 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

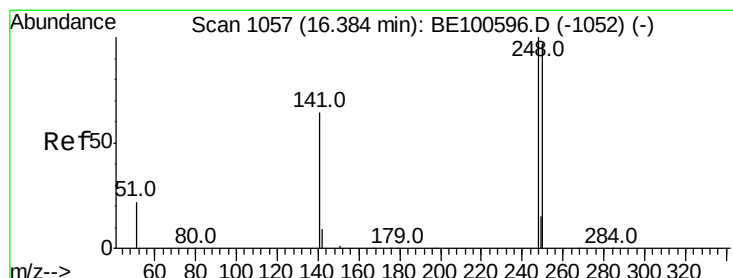
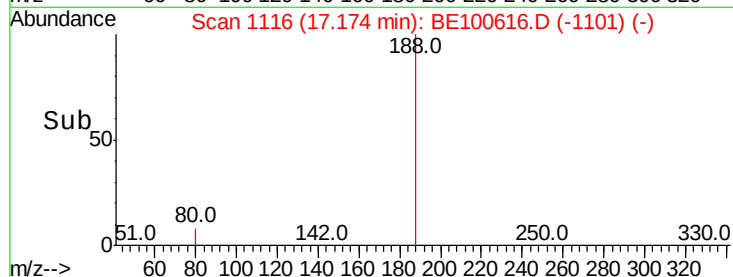
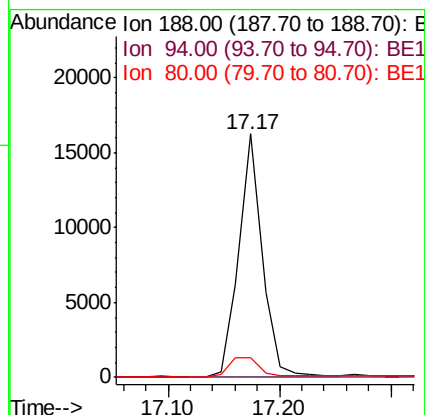
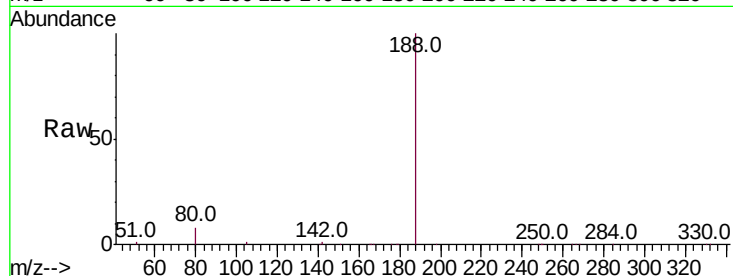




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

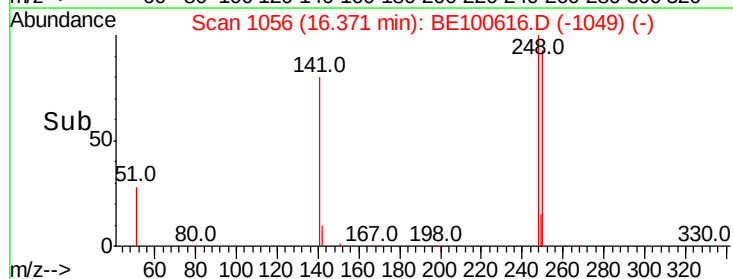
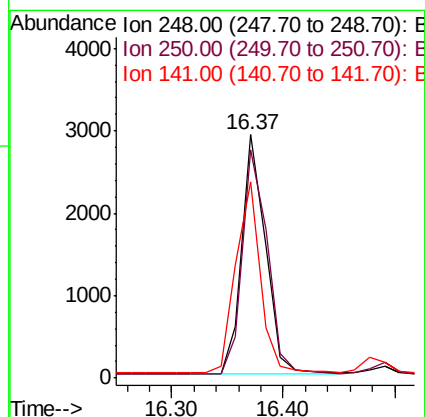
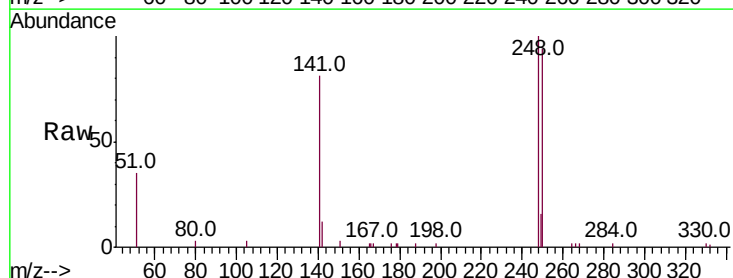
Instrument :
BNA_E
ClientSampleId :

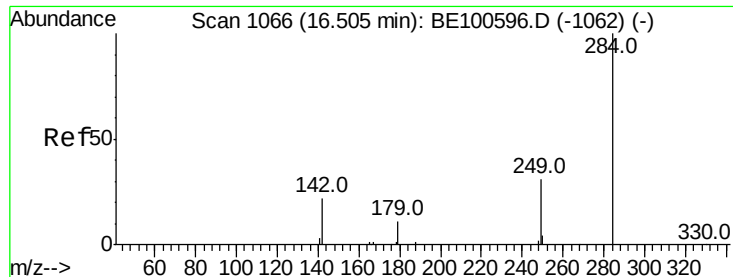
Tot Ion:188 Resp: 23686
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.2 9.2



#20
4-Bromophenyl-phenylether
Concen: 0.370 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

Tgt Ion:248 Resp: 4342
Ion Ratio Lower Upper
248 100
250 93.6 77.4 116.0
141 80.5 52.1 78.1#





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

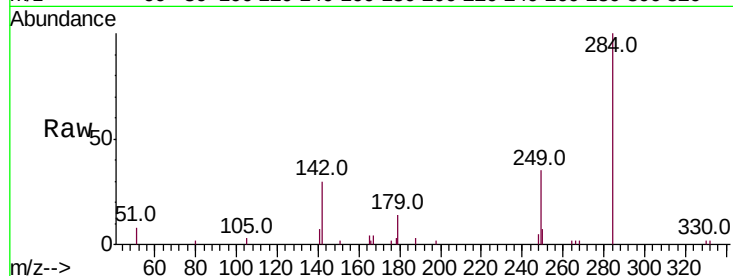
Tot Ion:284 Resp: 3791

Ion Ratio Lower Upper

284 100

142 44.4 35.1 52.7

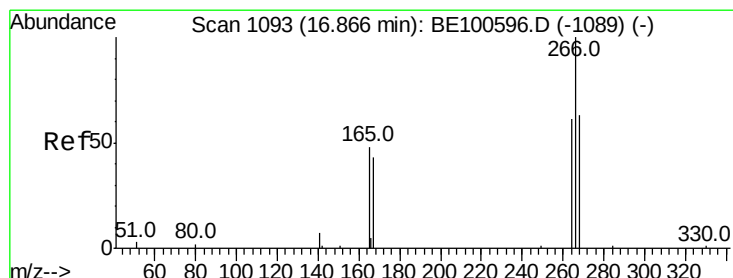
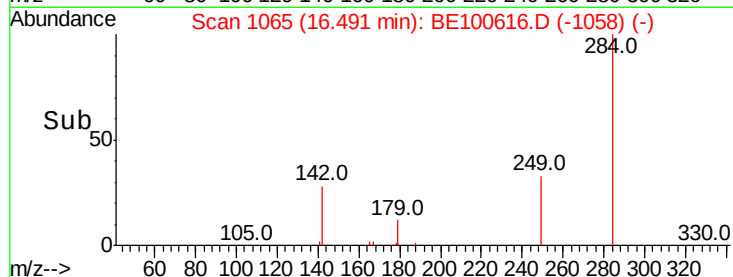
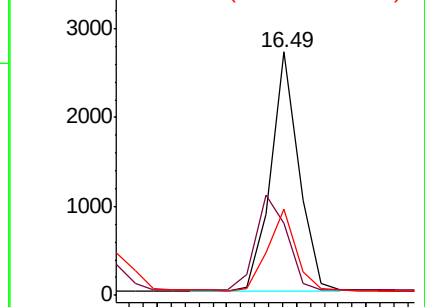
249 33.9 27.2 40.8



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: 0.552 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

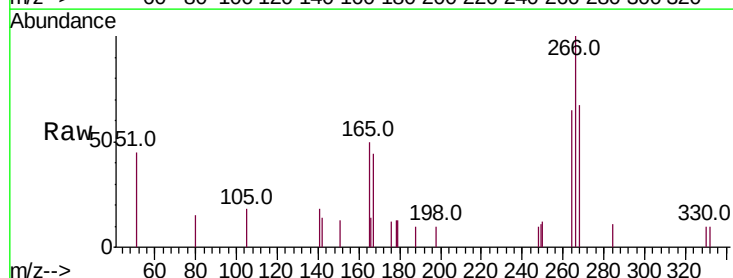
Tgt Ion:266 Resp: 966

Ion Ratio Lower Upper

266 100

264 65.1 56.3 84.5

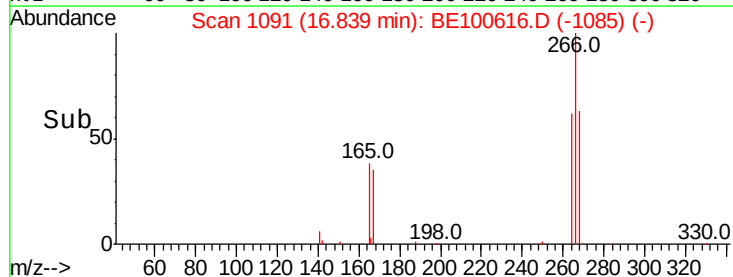
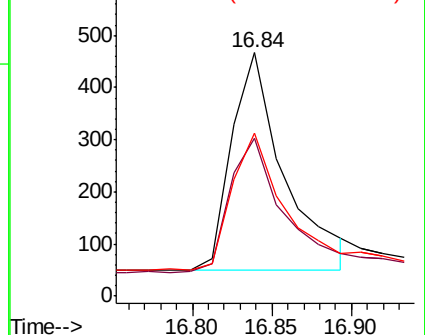
268 66.8 60.3 90.5

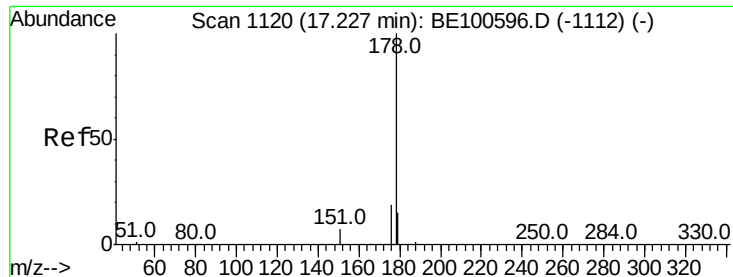


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

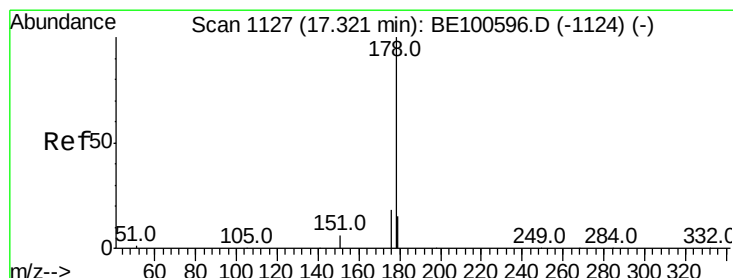
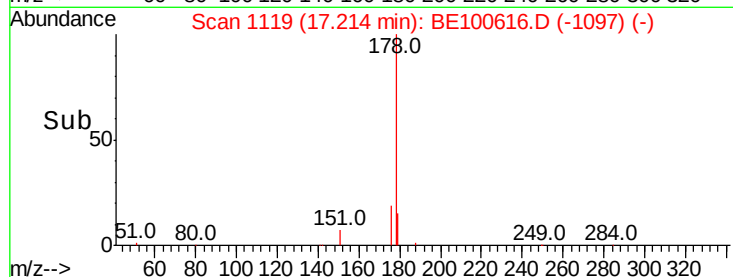
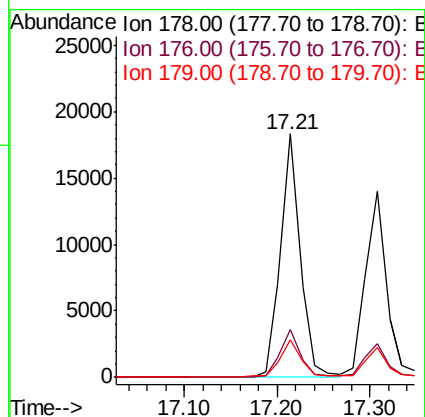
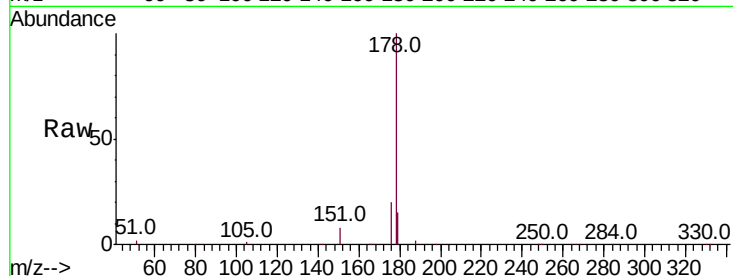
Tot Ion:178 Resp: 26912

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.3 18.5



#24

Anthracene

Concen: 0.373 ng

RT: 17.31 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

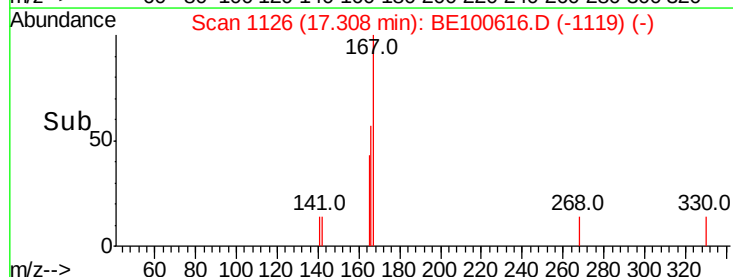
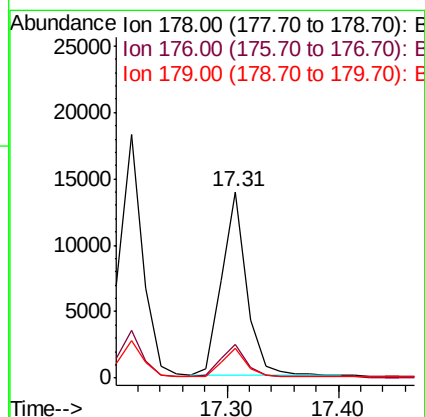
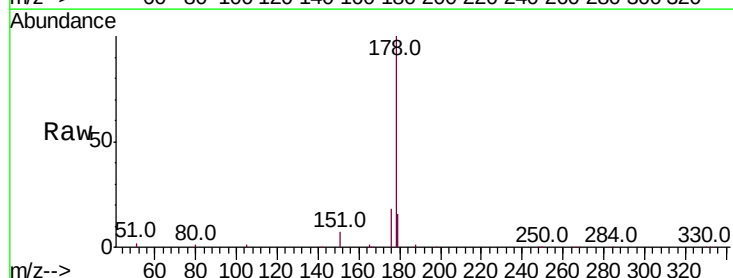
Tgt Ion:178 Resp: 21656

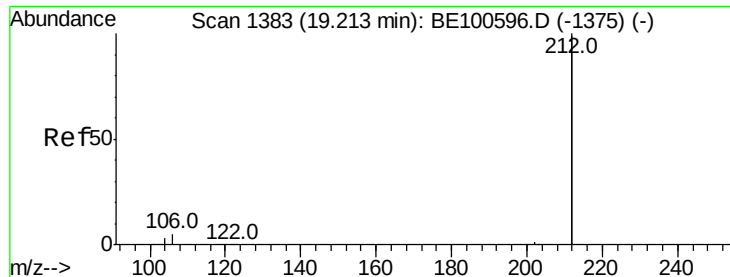
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

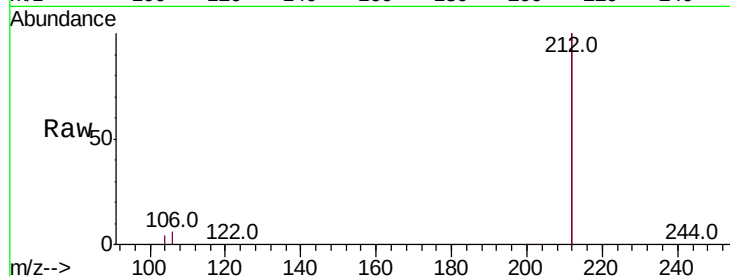
Tot Ion:212 Resp: 110790

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

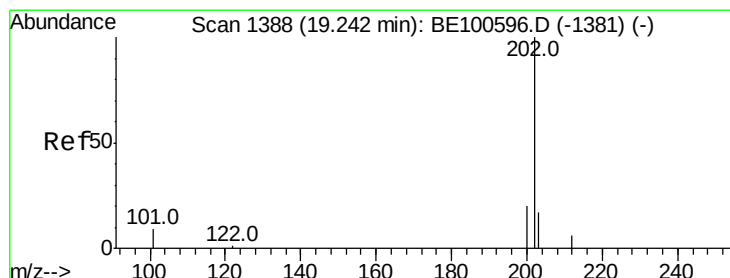
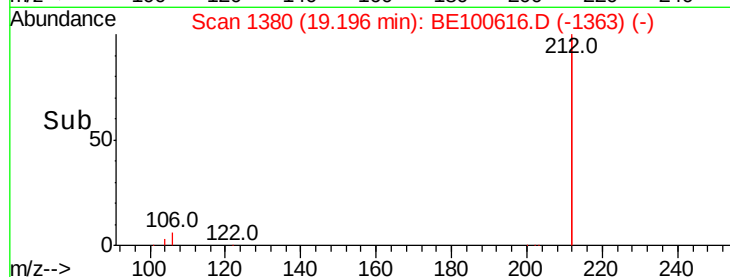
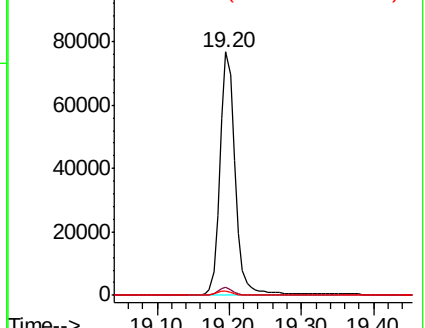
104 1.6 1.3 1.9



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: 0.391 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

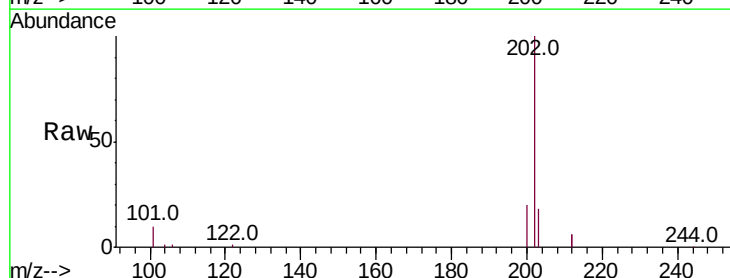
Tgt Ion:202 Resp: 32430

Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

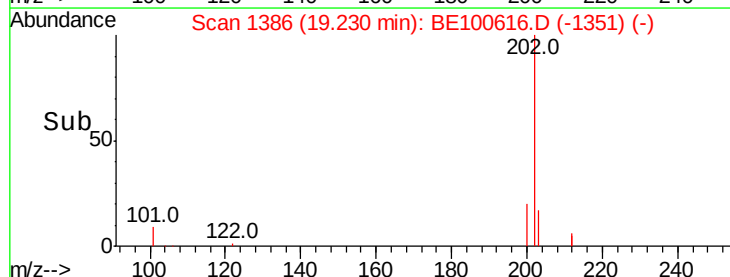
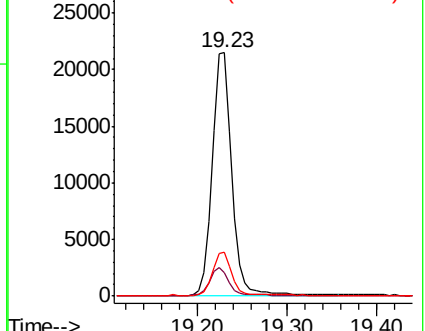
203 17.4 13.8 20.6

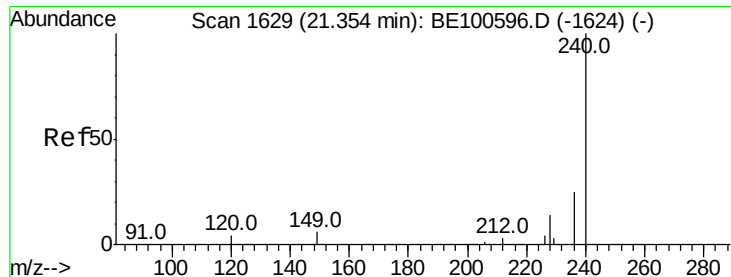


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

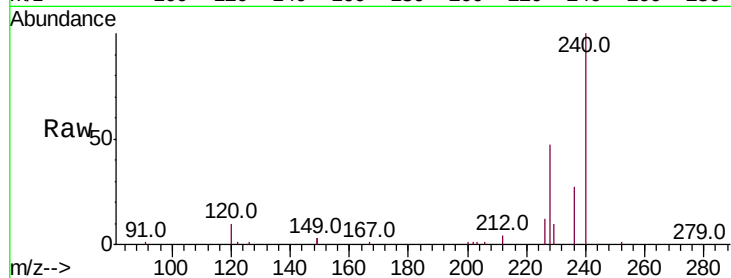
Tot Ion:240 Resp: 29818

Ion Ratio Lower Upper

240 100

120 10.4 3.6 5.4#

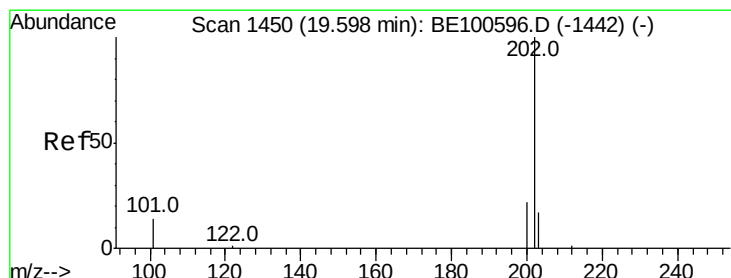
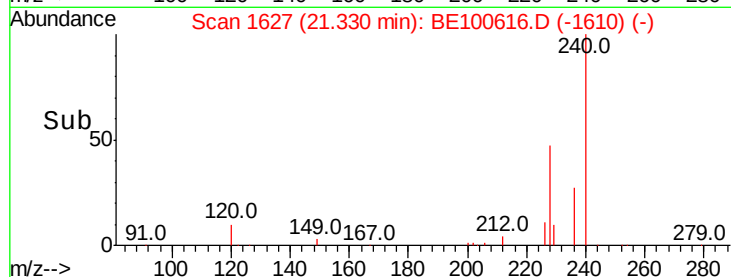
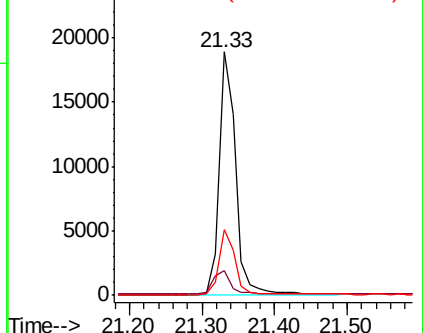
236 26.9 20.5 30.7



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: 0.443 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

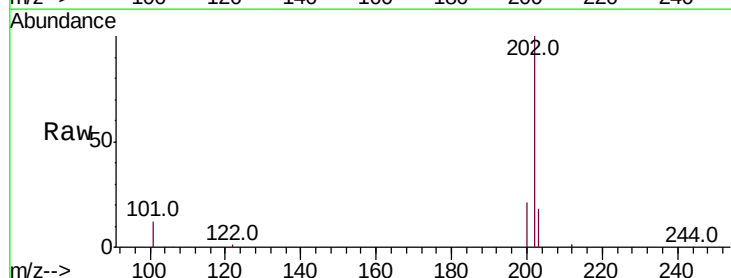
Tgt Ion:202 Resp: 33876

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

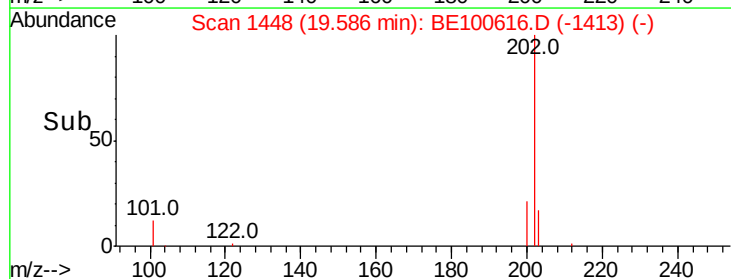
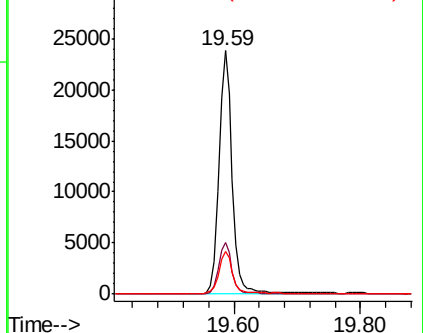
203 17.5 14.1 21.1

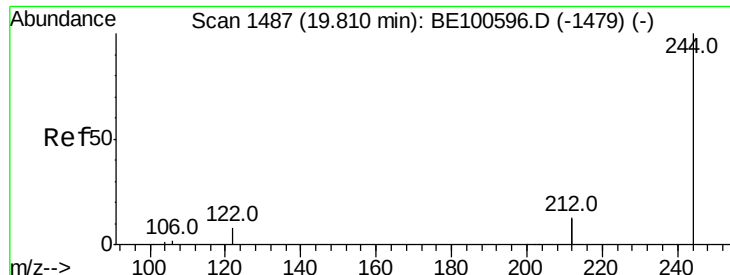


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

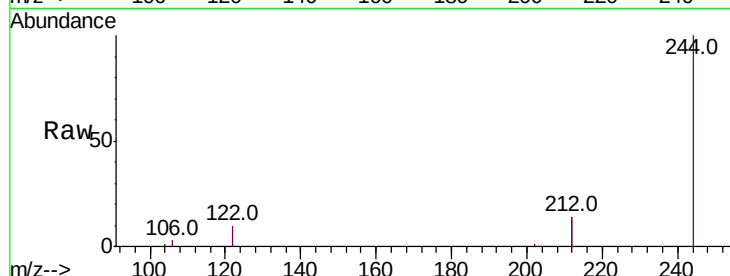
Tot Ion:244 Resp: 27513

Ion Ratio Lower Upper

244 100

212 27.6 20.6 31.0

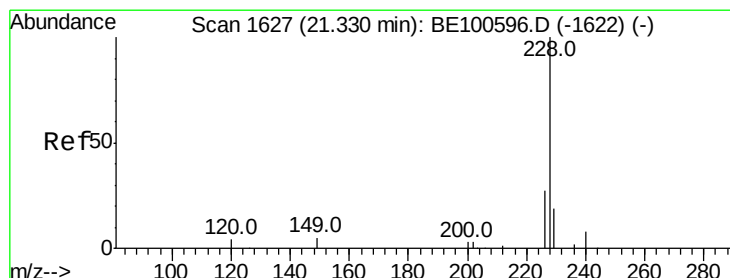
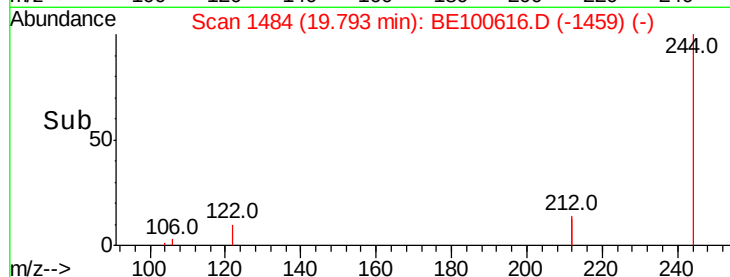
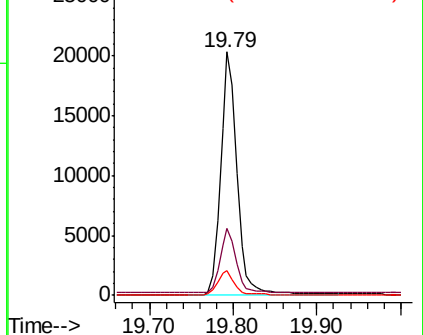
122 10.0 6.5 9.7#



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: 0.380 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

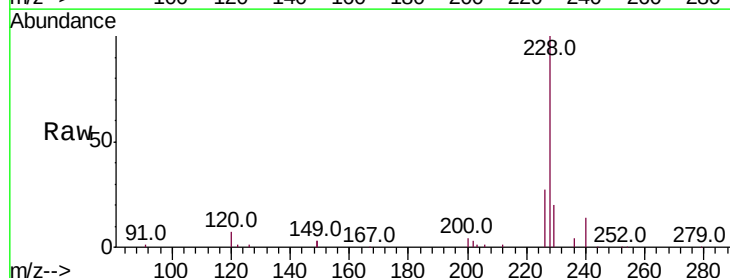
Tgt Ion:228 Resp: 31714

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

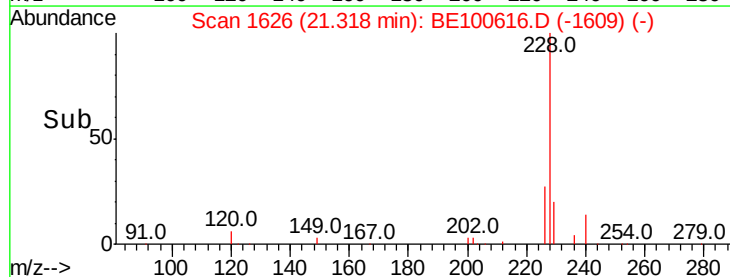
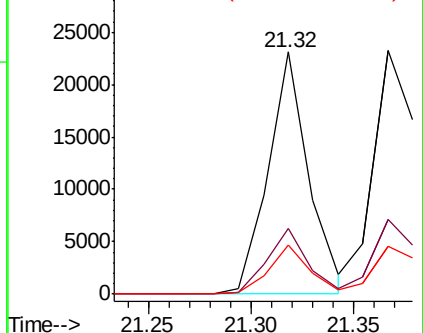
229 20.3 15.6 23.4

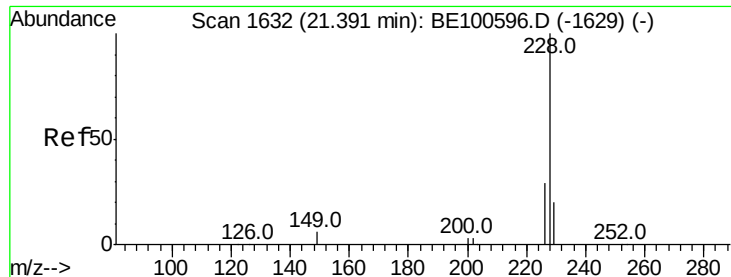


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

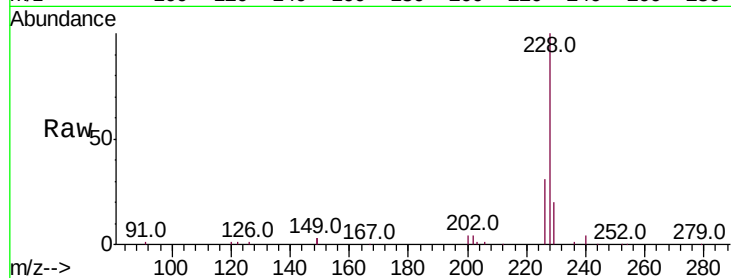
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 34900

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.7	34.1
229	19.6	16.3	24.5

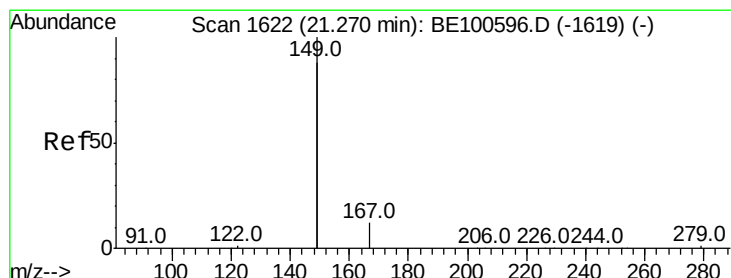
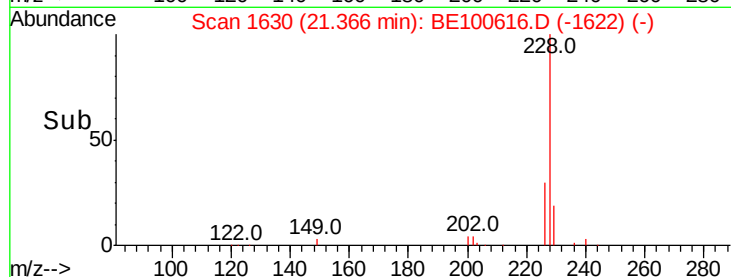
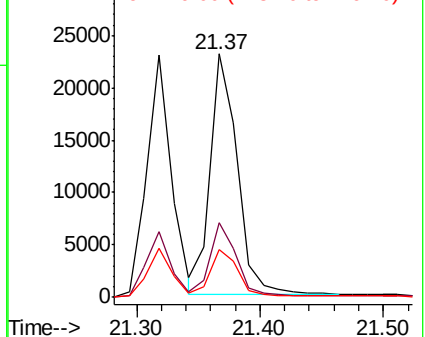


Abundance

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: 0.371 ng

RT: 21.26 min Scan# 1621

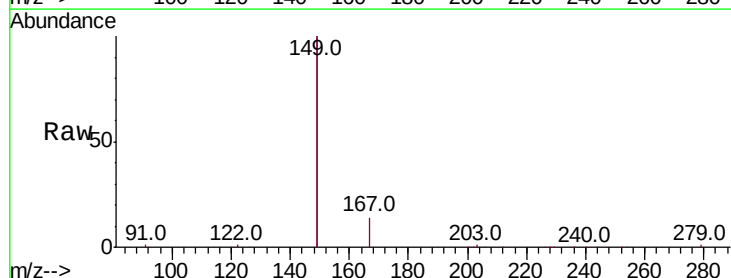
Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Tgt Ion:149 Resp: 59002

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.9	1.3

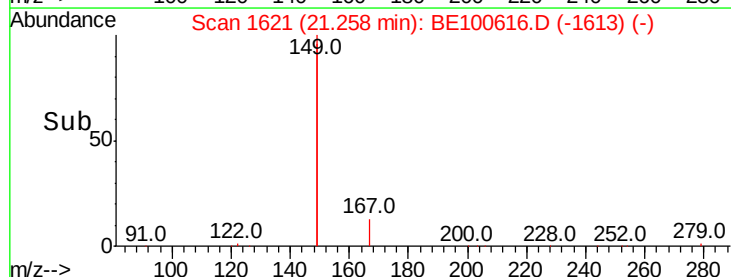
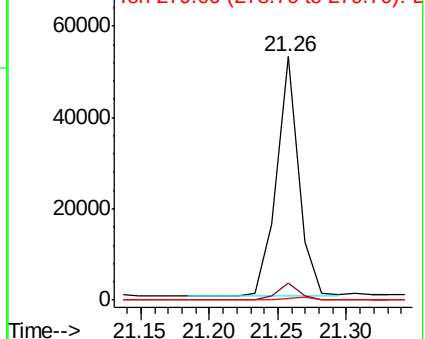


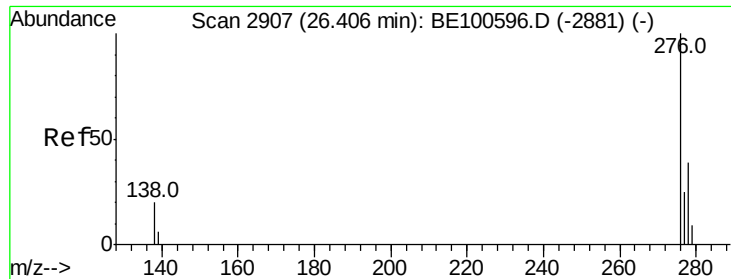
Abundance

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

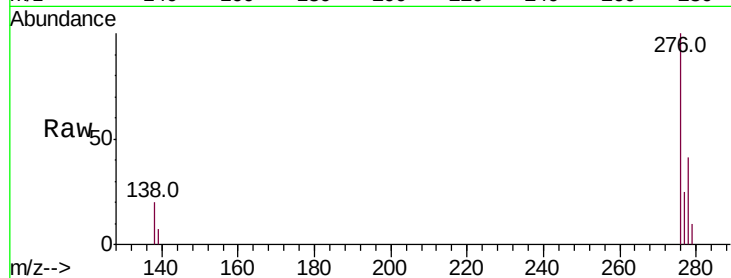




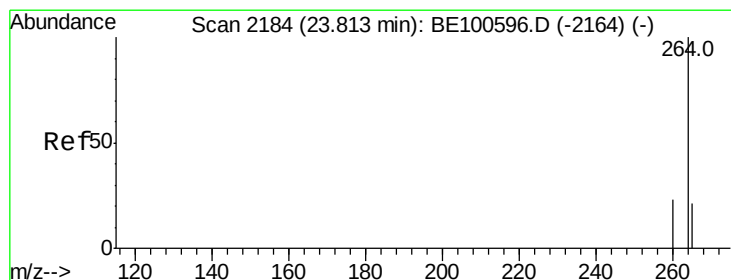
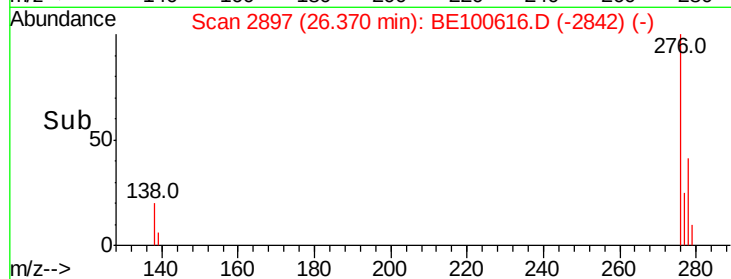
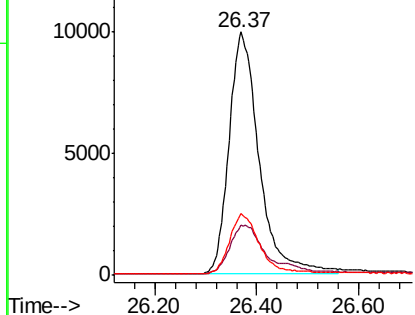
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 26.37 min Scan# 2897
 Delta R.T. -0.00 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 40800
 Ion Ratio Lower Upper
 276 100
 138 24.0 17.8 26.8
 277 24.8 19.8 29.8

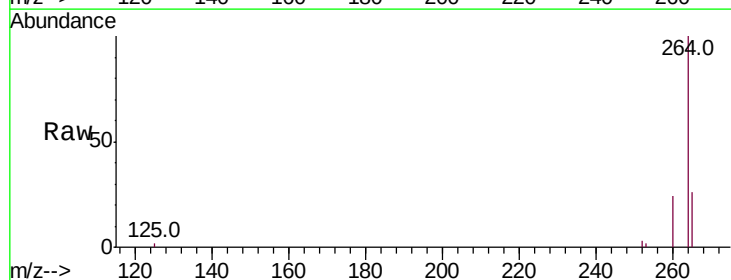


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

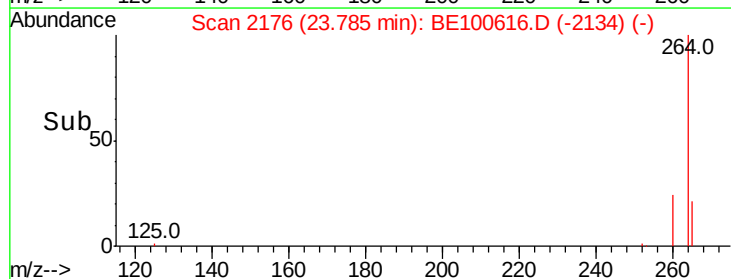
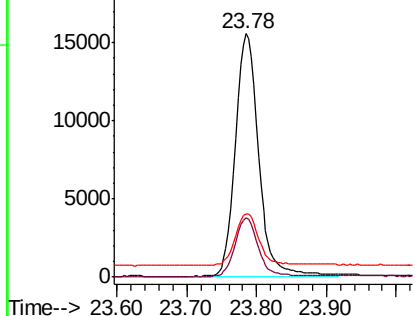


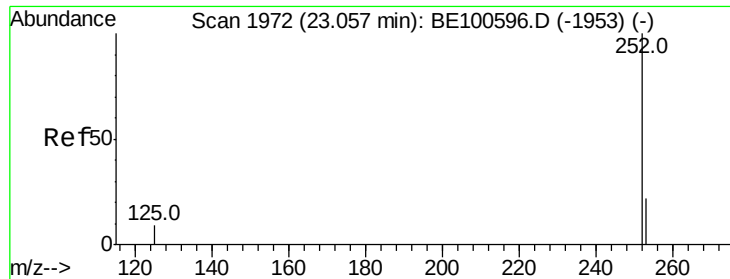
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100616.D
 Acq: 8 Oct 2019 19:43

Tgt Ion:264 Resp: 35540
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 26.2 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

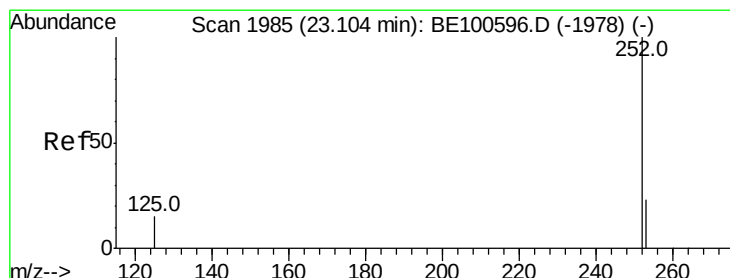
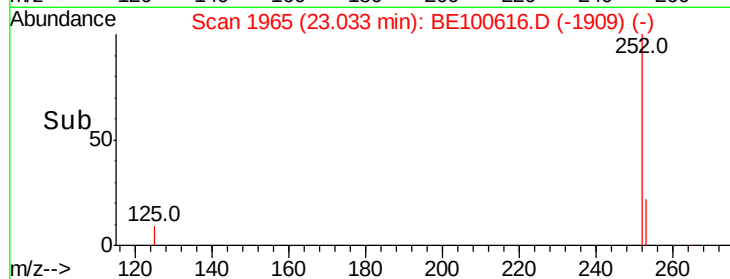
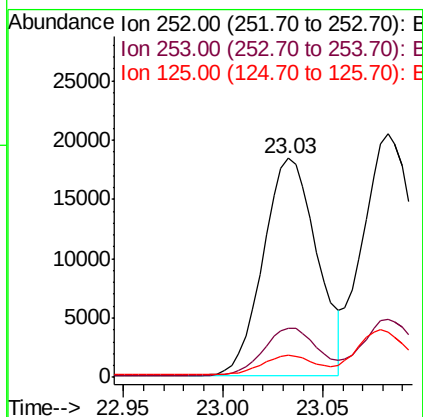
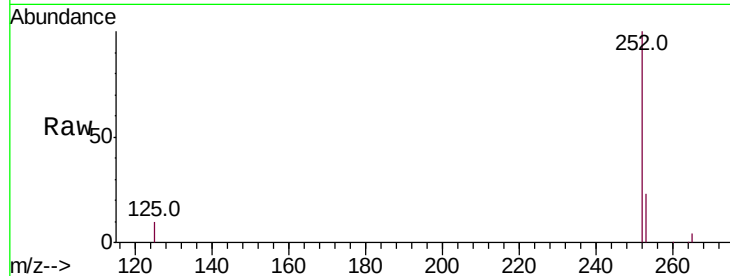




#35
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

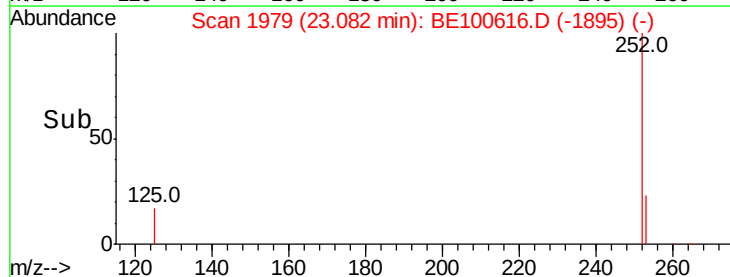
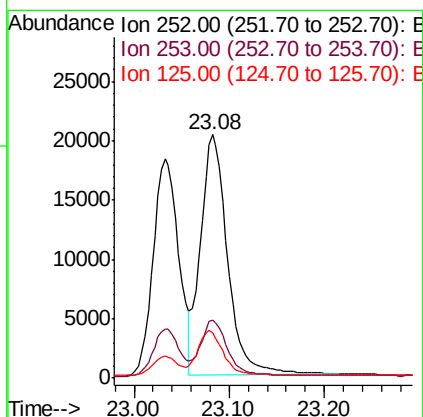
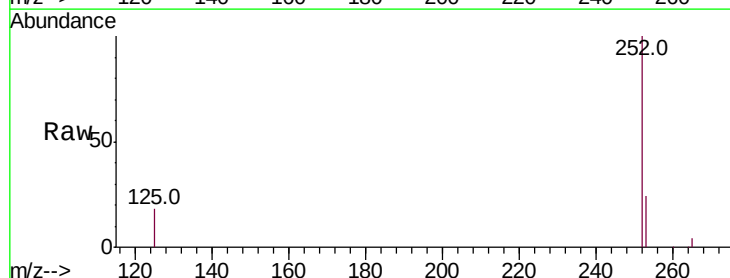
Instrument :
BNA_E
ClientSampleId :

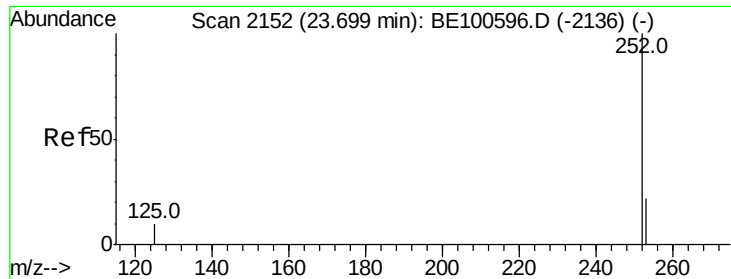
Tot Ion:252 Resp: 34384
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.3 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BE100616.D
Acq: 8 Oct 2019 19:43

Tgt Ion:252 Resp: 40329
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 18.4 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.67 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

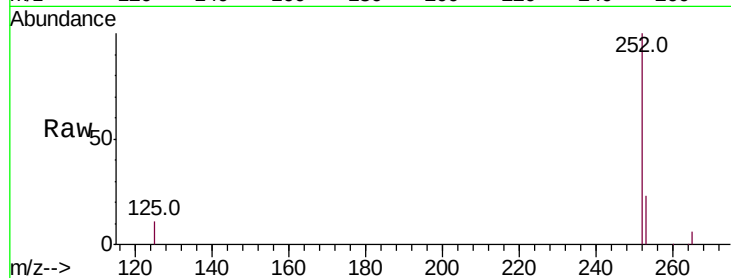
Tot Ion:252 Resp: 32804

Ion Ratio Lower Upper

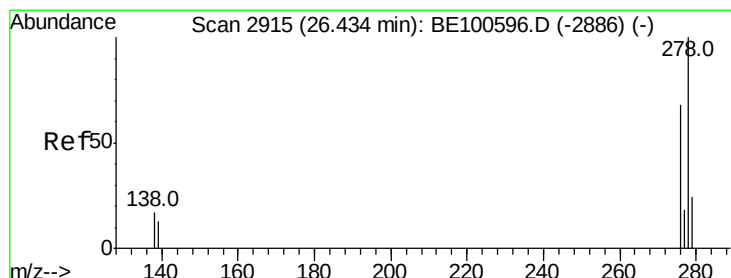
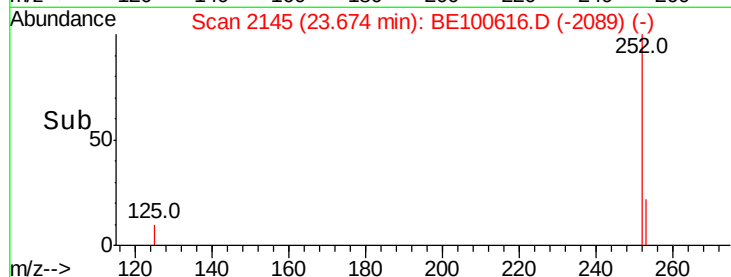
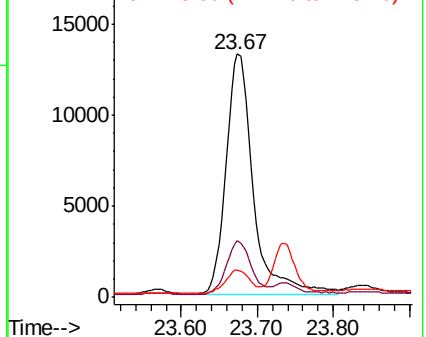
252 100

253 23.2 18.5 27.7

125 11.4 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: 0.366 ng

RT: 26.39 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

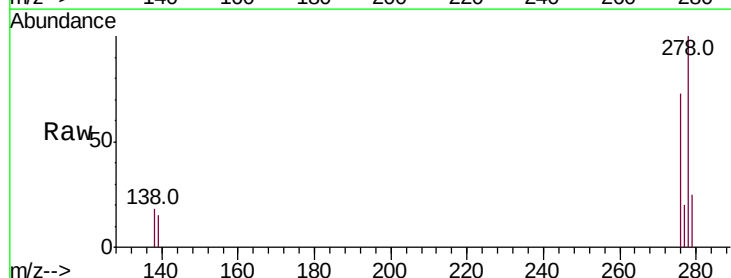
Tgt Ion:278 Resp: 33986

Ion Ratio Lower Upper

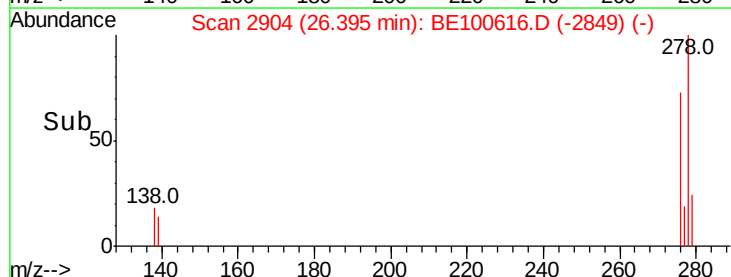
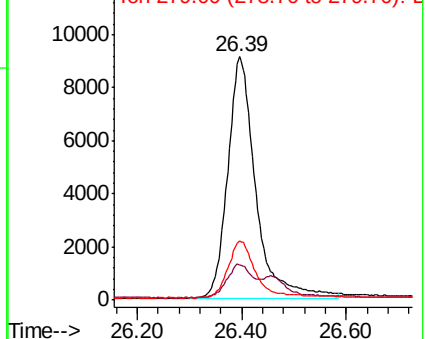
278 100

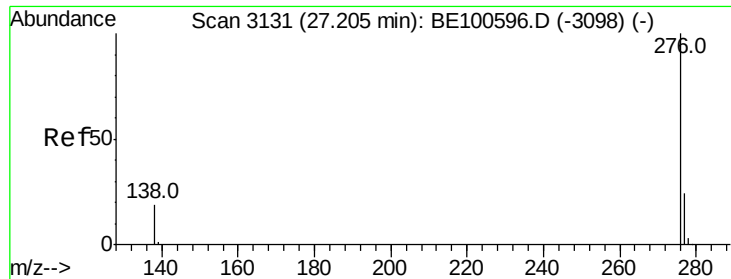
139 14.6 11.0 16.4

279 24.5 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: 0.367 ng

RT: 27.17 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BE100616.D

Acq: 8 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

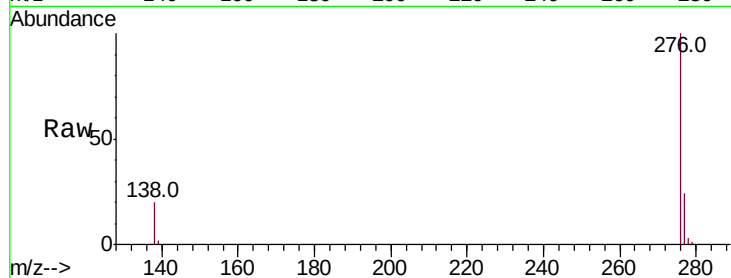
Tot Ion:276 Resp: 34603

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.7 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

