

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100863.D
 Acq On : 12 Dec 2019 2:44
 Operator : JU
 Sample : K6185-04DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

Quant Time: Dec 12 04:44:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	9	0.40	ng	0.03
7) Naphthalene-d8	10.61	136	6	0.40	ng	0.08
13) Acenaphthene-d10	14.53	164	12	0.40	ng	0.13
19) Phenanthrene-d10	17.31	188	10	0.40	ng	0.17
27) Chrysene-d12	21.52	240	10	0.40	ng	0.22
34) Perylene-d12	24.00	264	5	0.40	ng	0.24

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	8	0.37	ng	0.05
5) Phenol-d6	6.99	99	19	0.59	ng	0.06
8) Nitrobenzene-d5	8.99	82	16	5.60	ng	0.09
11) 2-Methylnaphthalene-d10	12.19	152	17	1.96	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	10	7.49	ng	0.12
15) 2-Fluorobiphenyl	13.17	172	7	0.15	ng	0.14
25) Fluoranthene-d10	19.37	212	12	0.10	ng	0.21
29) Terphenyl-d14	19.96	244	4	0.17	ng	0.20

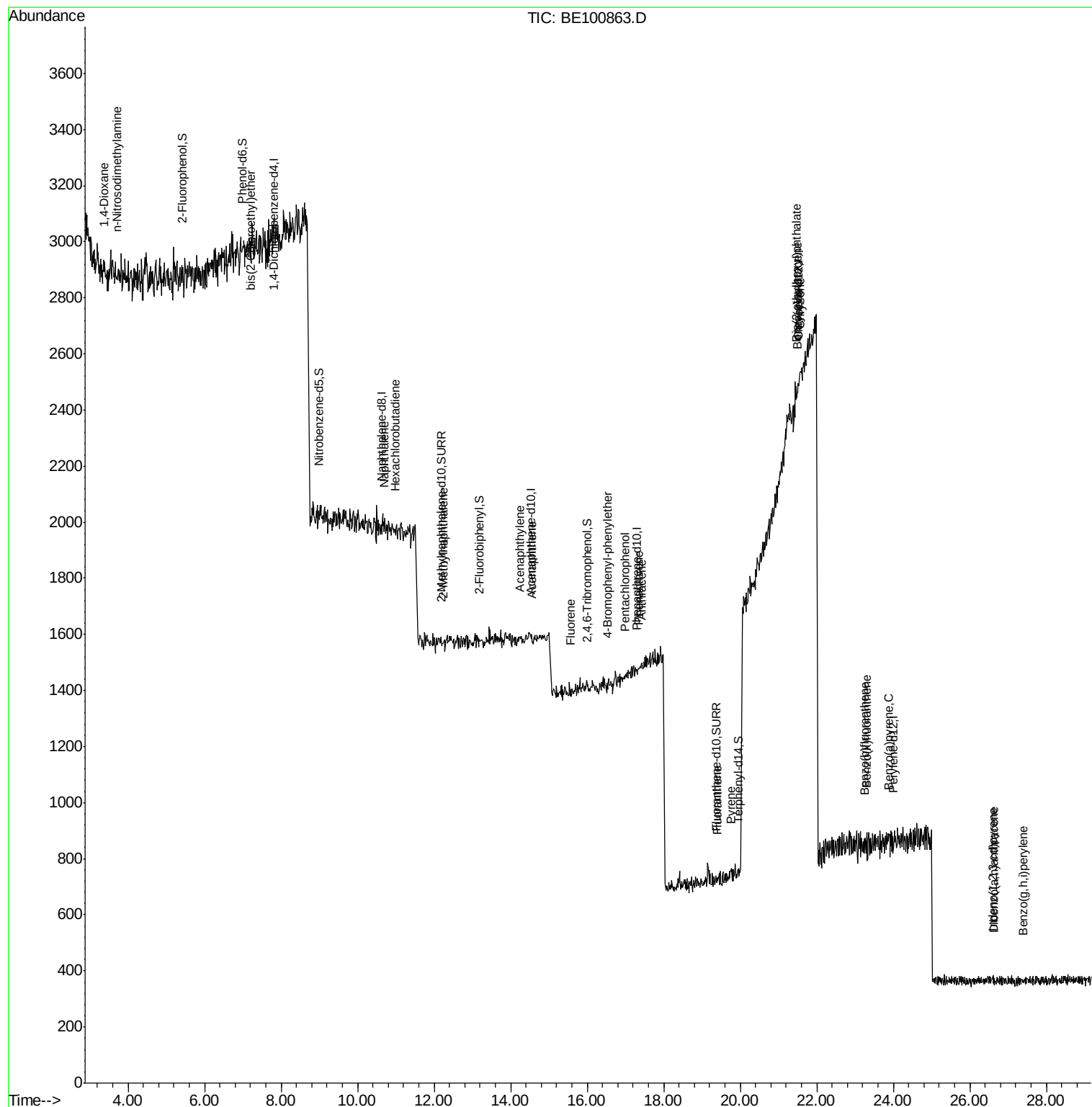
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	42	2.560	ng	# 70
3) n-Nitrosodimethylamine	3.70	42	13	0.973	ng	# 25
6) bis(2-Chloroethyl)ether	7.19	93	43	1.380	ng	# 17
9) Naphthalene	10.69	128	89	1.396	ng	# 52
10) Hexachlorobutadiene	10.99	225	5	2.011	ng	# 34
12) 2-Methylnaphthalene	12.24	142	20	2.009	ng	# 46
16) Acenaphthylene	14.24	152	43	0.866	ng	# 1
17) Acenaphthene	14.56	154	23	0.672	ng	# 11
18) Fluorene	15.57	166	10	0.227	ng	# 61
20) 4-Bromophenyl-phenylether	16.52	248	6	1.223	ng	# 68
22) Pentachlorophenol	16.99	266	22	59.674	ng	# 91
23) Phenanthrene	17.35	178	14	0.462	ng	# 1
24) Anthracene	17.42	178	15	0.592	ng	# 1
26) Fluoranthene	19.39	202	7	0.194	ng	# 1
28) Pyrene	19.76	202	8	0.246	ng	# 1
30) Benzo(a)anthracene	21.49	228	12	0.407	ng	# 1
31) Chrysene	21.56	228	14	0.404	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.46	149	462	7.222	ng	# 83
33) Indeno(1,2,3-cd)pyrene	26.60	276	6	0.199	ng	# 1
35) Benzo(b)fluoranthene	23.25	252	5	0.365	ng	# 1
36) Benzo(k)fluoranthene	23.30	252	4	0.261	ng	# 1
37) Benzo(a)pyrene	23.89	252	11	0.928	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	3	0.254	ng	# 1
39) Benzo(g,h,i)perylene	27.39	276	2	0.159	ng	# 1

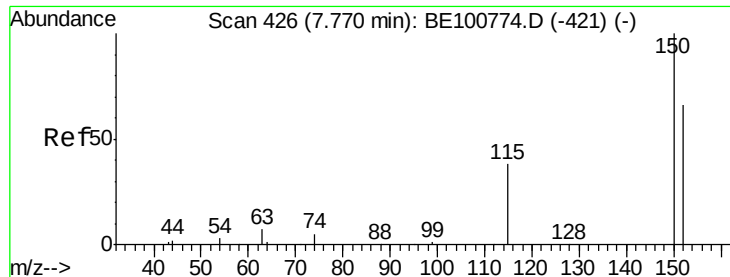
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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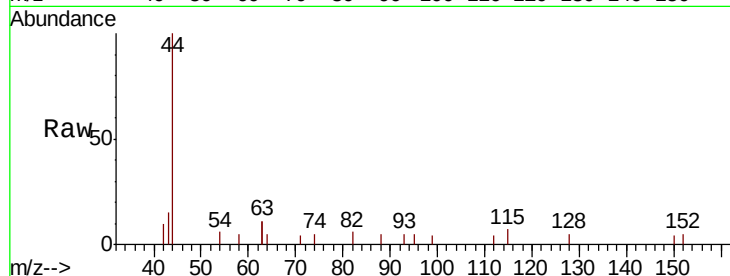


#1

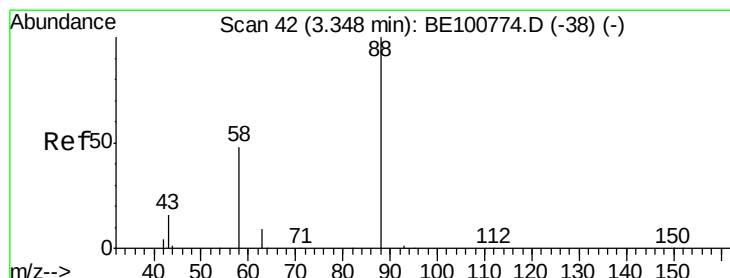
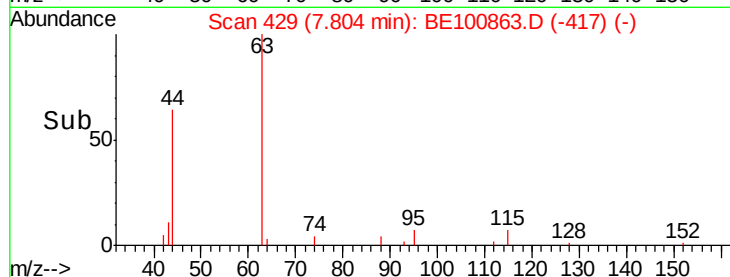
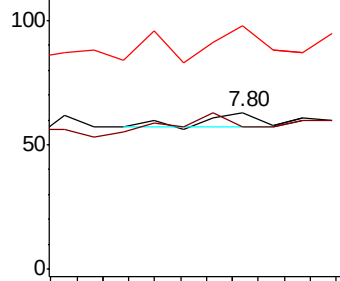
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.03 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

Tot Ion: 152 Resp: 9
Ion Ratio Lower Upper
152 100
150 90.5 120.6 181.0#
115 155.6 47.4 71.2#



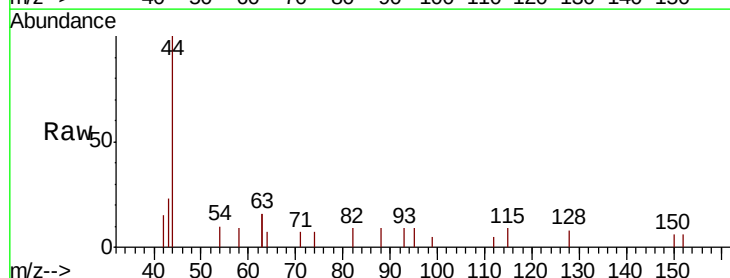
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



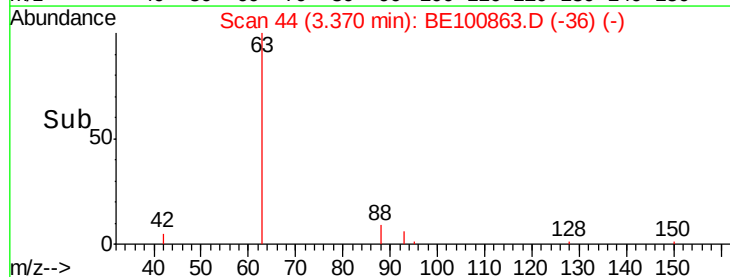
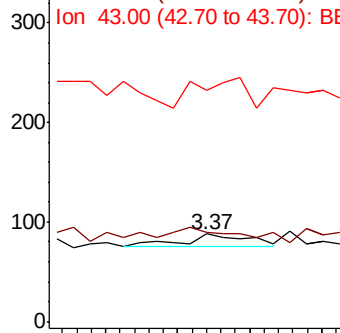
#2

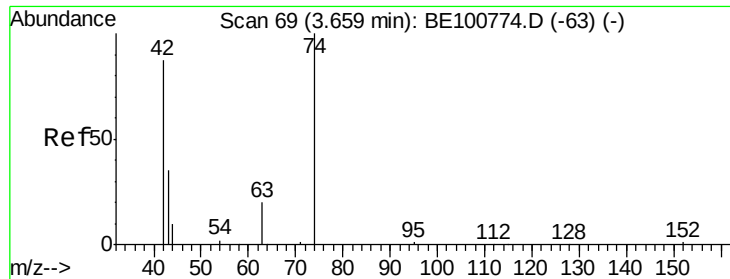
1,4-Dioxane
Concen: 2.560 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.02 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
58 50.0 52.5 78.7#
43 0.0 23.0 34.6#



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: 0.973 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.05 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

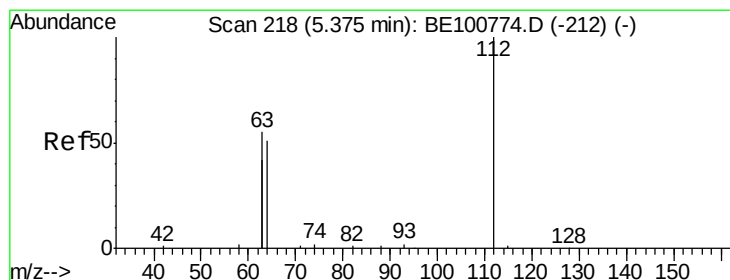
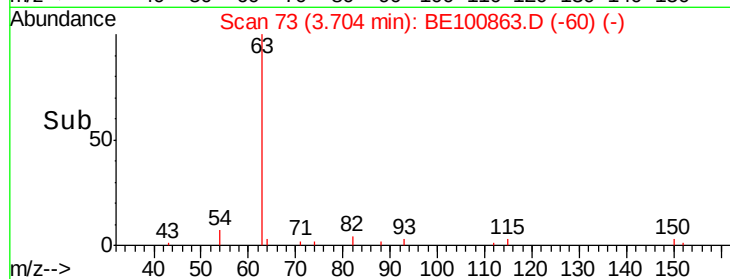
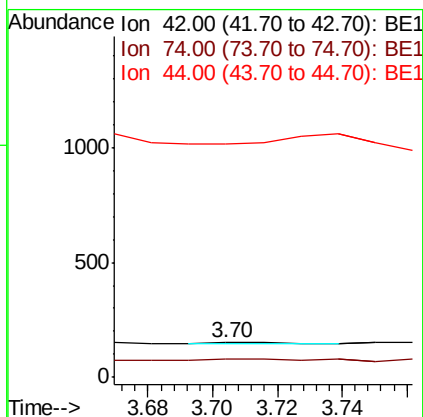
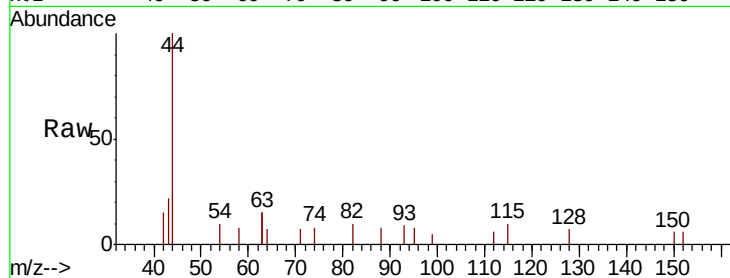
Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

Tot Ion:	42	Resp:	13
Ion	Ratio	Lower	Upper
42	100		
74	192.3	86.3	129.5#
44	0.0	11.6	17.4#



#4

2-Fluorophenol

Concen: 0.375 ng

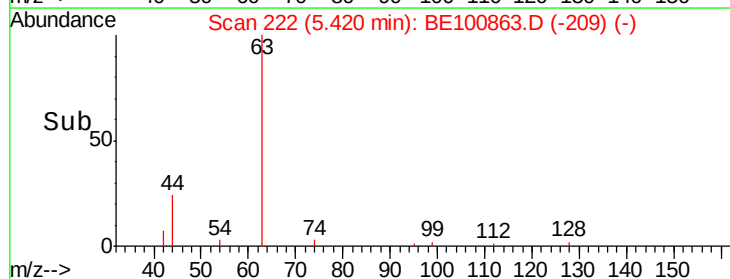
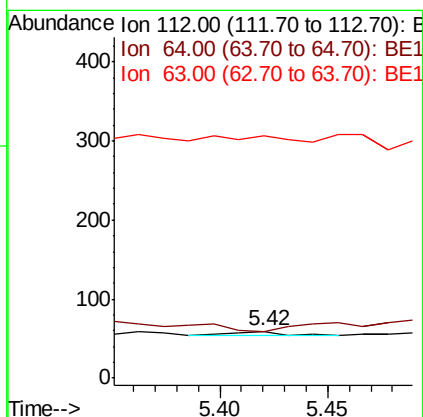
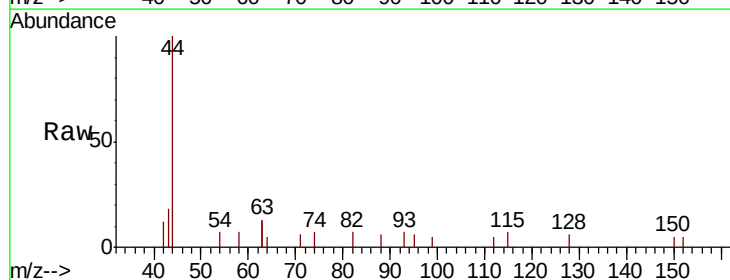
RT: 5.42 min Scan# 222

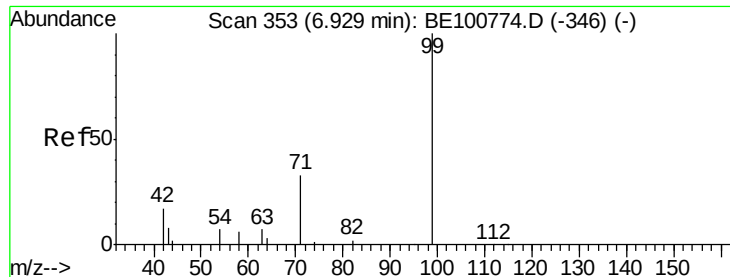
Delta R.T. 0.05 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Tgt Ion:	112	Resp:	8
Ion	Ratio	Lower	Upper
112	100		
64	0.0	54.1	81.1#
63	0.0	113.2	169.8#





#5

Phenol-d6

Concen: 0.589 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.06 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

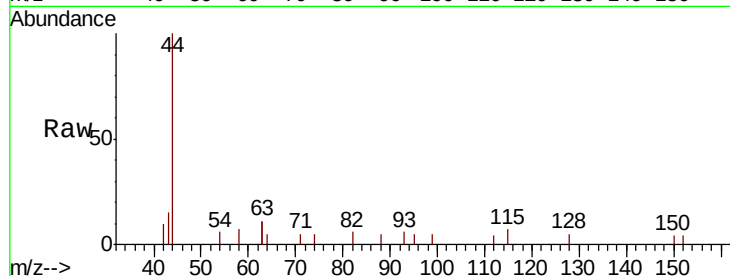
Tot Ion: 99 Resp: 19

Ion Ratio Lower Upper

99 100

42 84.2 19.1 28.7#

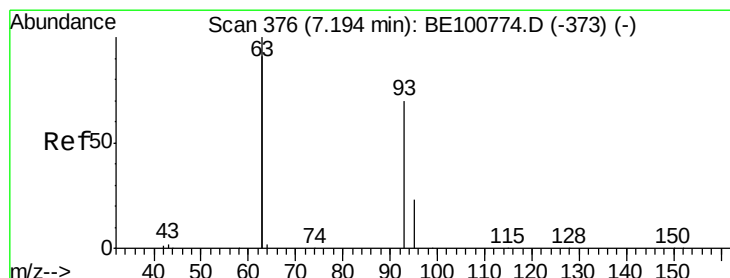
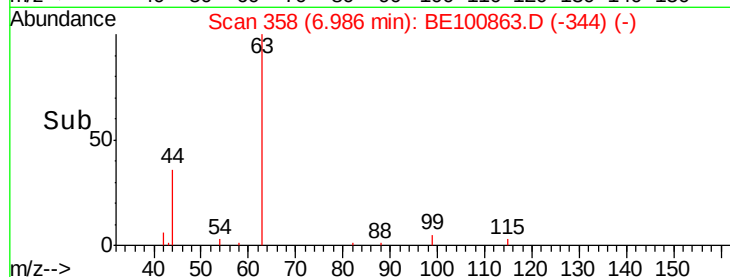
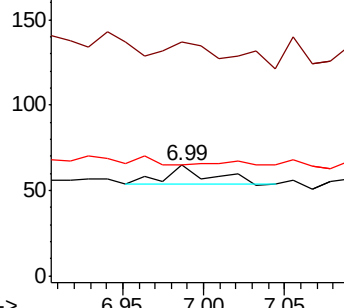
71 0.0 27.7 41.5#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 1.380 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

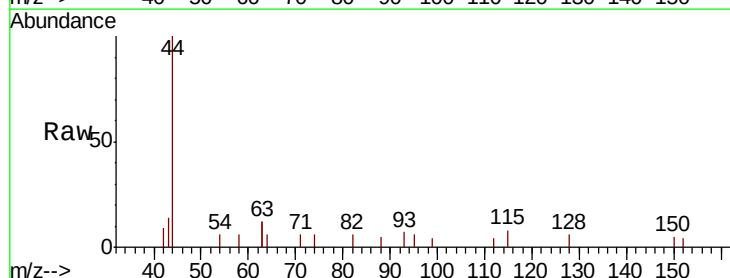
Tgt Ion: 93 Resp: 43

Ion Ratio Lower Upper

93 100

63 148.8 259.4 389.0#

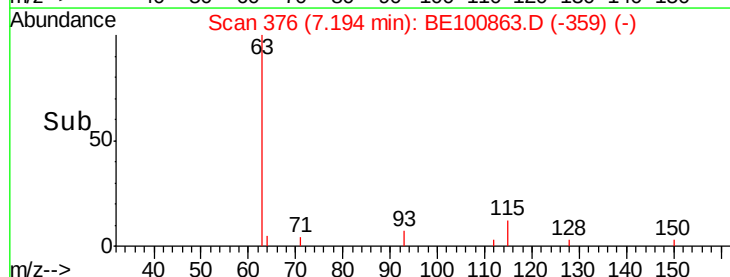
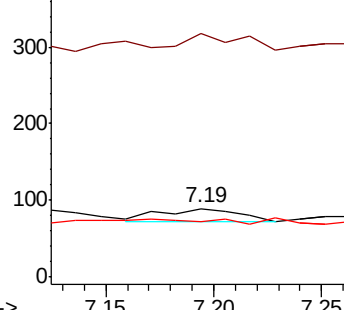
95 0.0 26.2 39.2#

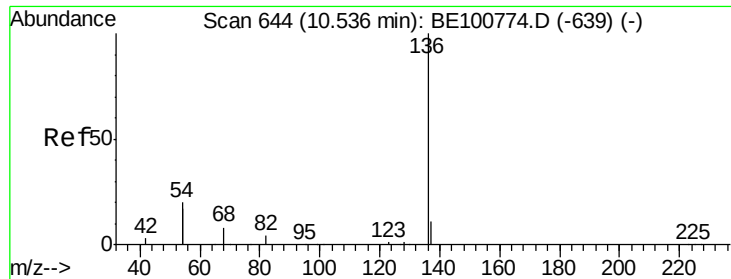


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.61 min Scan# 650

Delta R.T. 0.08 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

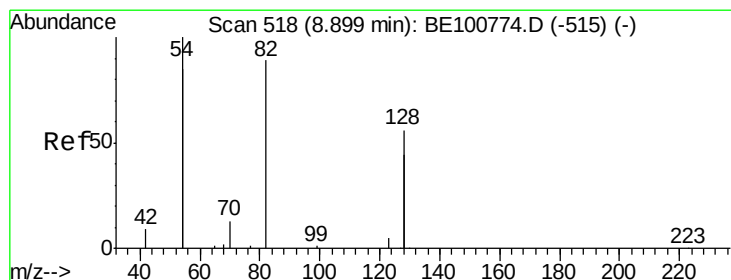
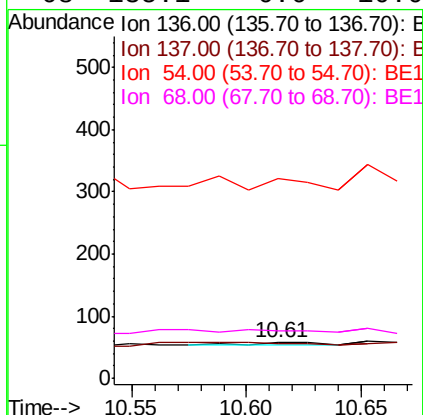
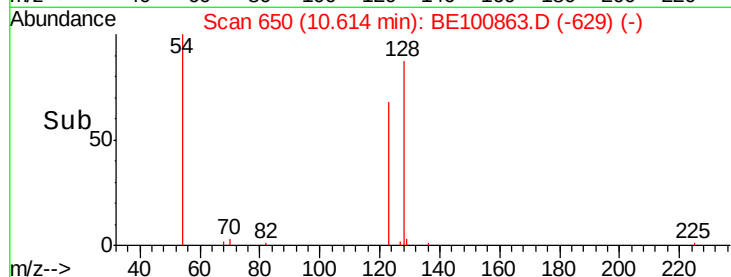
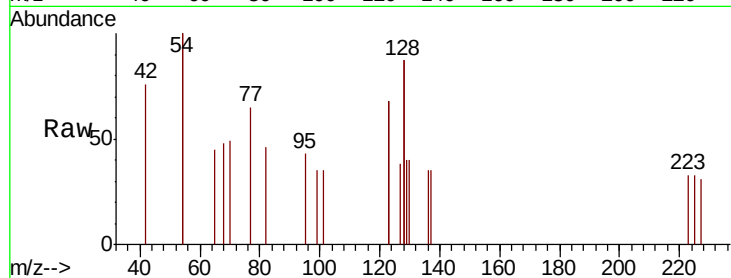
Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

Tot Ion:136	Resp:	6	
Ion Ratio	Lower	Upper	
136	100		
137	98.2	9.4	14.0#
54	564.9	31.1	46.7#
68	135.1	6.6	10.0#



#8

Nitrobenzene-d5

Concen: 5.600 ng

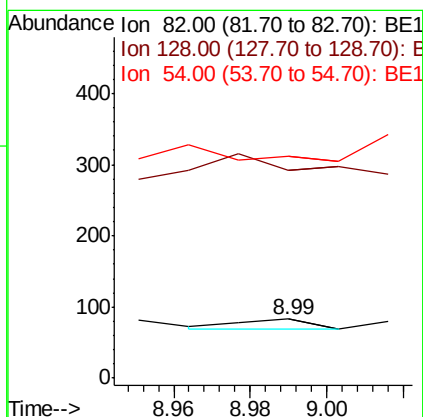
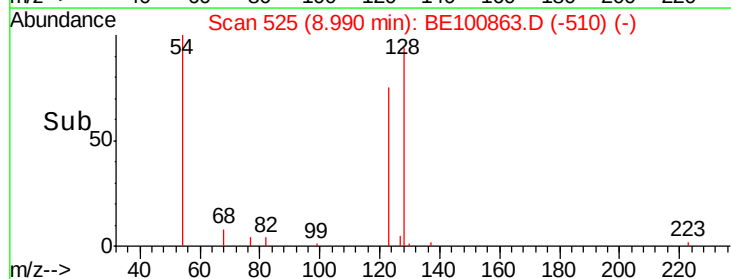
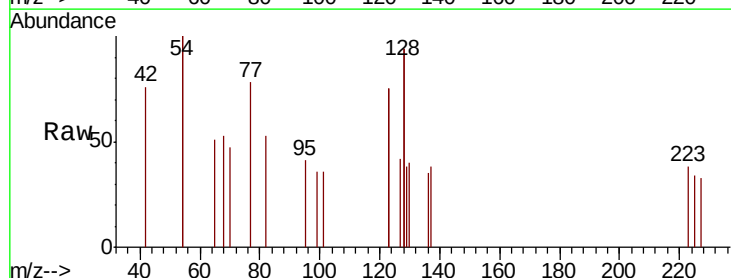
RT: 8.99 min Scan# 525

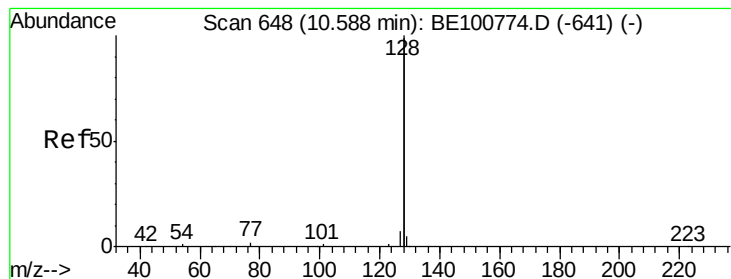
Delta R.T. 0.09 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Tgt	Ion: 82	Resp:	16
Ion	Ratio	Lower	Upper
82	100		
128	351.8	97.0	145.4#
54	375.9	171.8	257.6#





#9

Naphthalene

Concen: 1.396 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.10 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

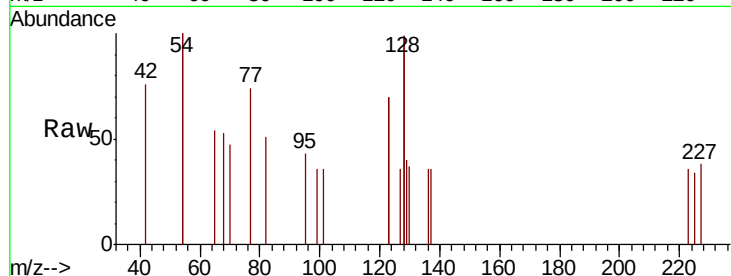
Tot Ion:128 Resp: 89

Ion Ratio Lower Upper

128 100

129 20.0 2.2 3.4#

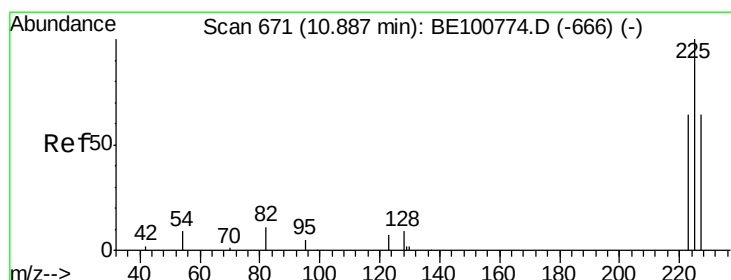
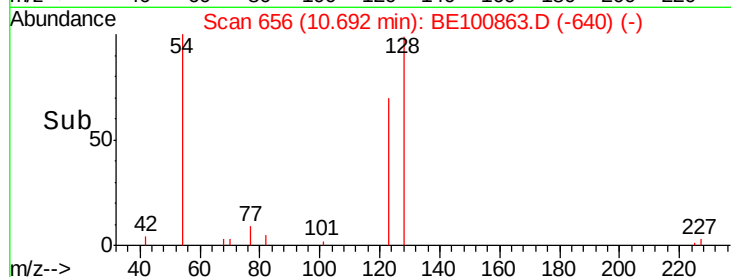
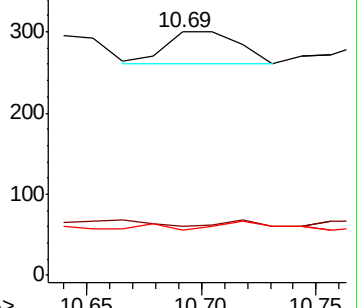
127 18.3 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.011 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.10 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

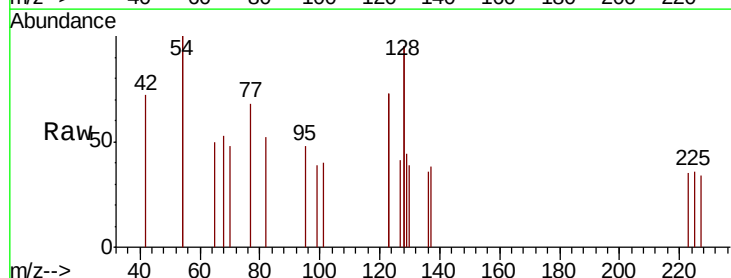
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 100.0 49.9 74.9#

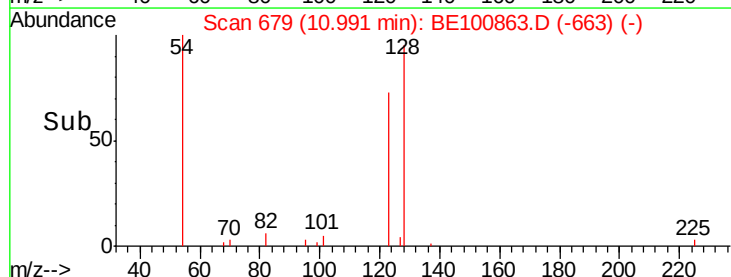
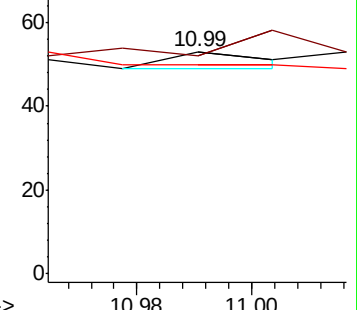
227 0.0 52.2 78.4#

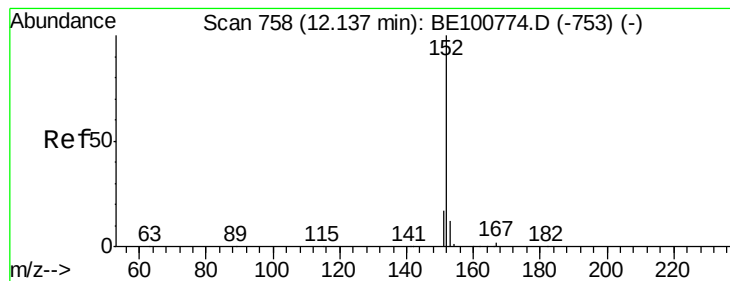


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.955 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.06 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

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ClientSampleId :

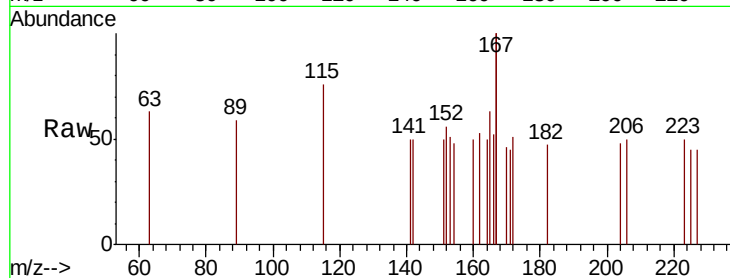
RE134D3-20191204DL

Tot Ion:152 Resp: 17

Ion Ratio Lower Upper

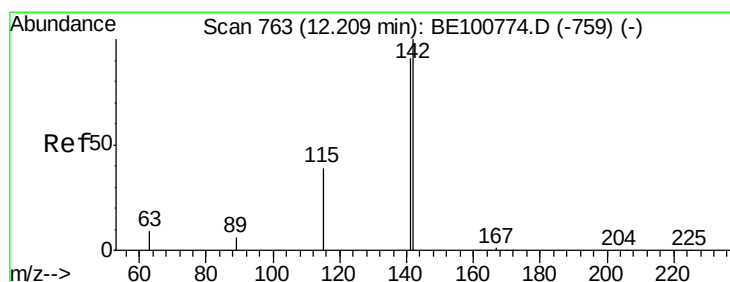
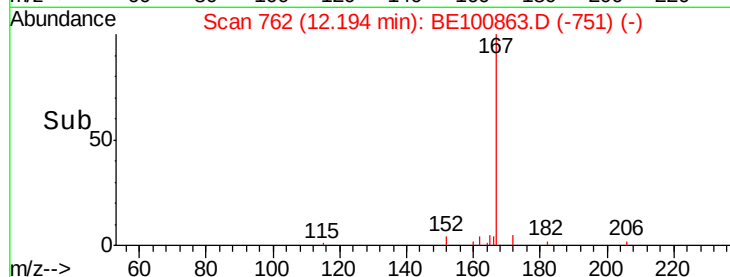
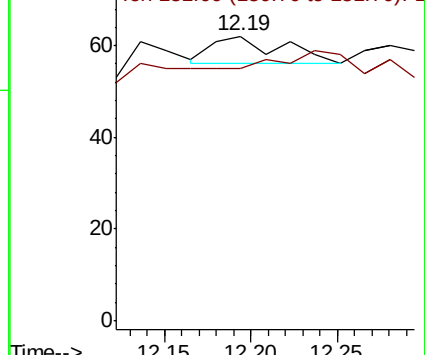
152 100

151 0.0 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 2.009 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

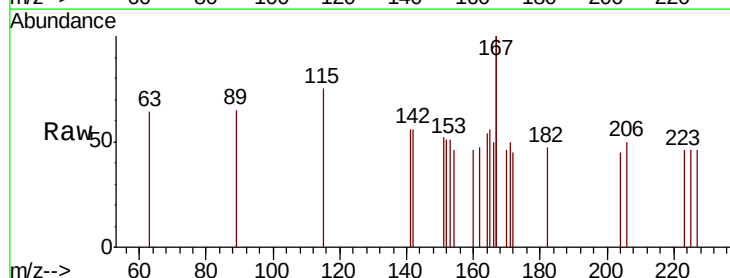
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

141 100.0 72.6 108.8

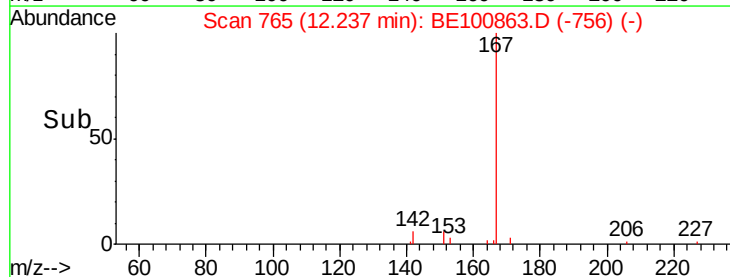
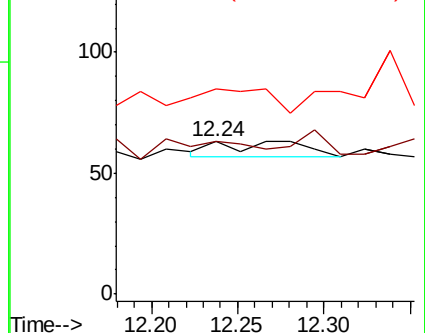
115 134.9 31.8 47.6#

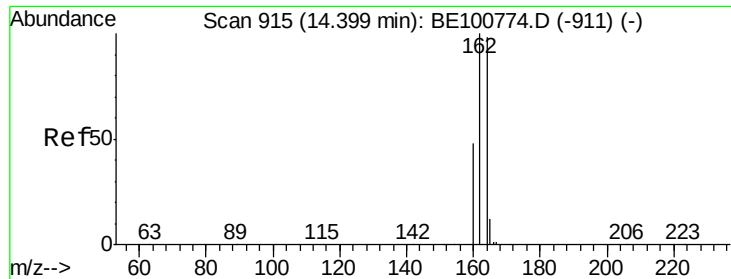


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 924

Delta R.T. 0.13 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

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RE134D3-20191204DL

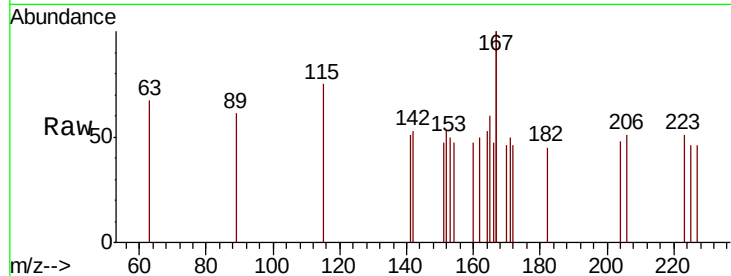
Tot Ion:164 Resp: 12

Ion Ratio Lower Upper

164 100

162 95.0 81.4 122.0

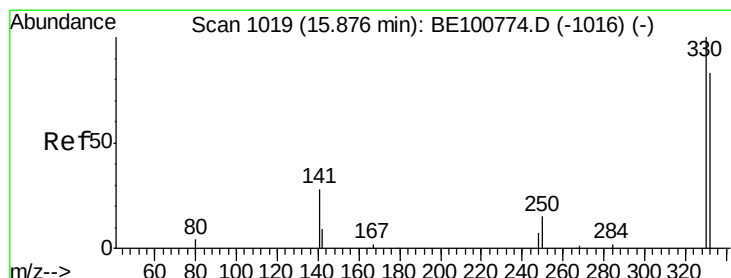
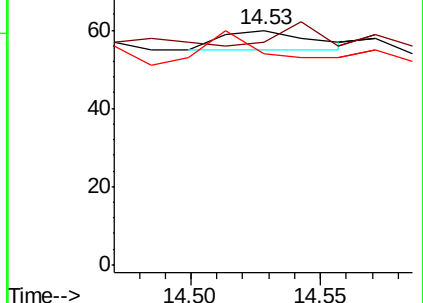
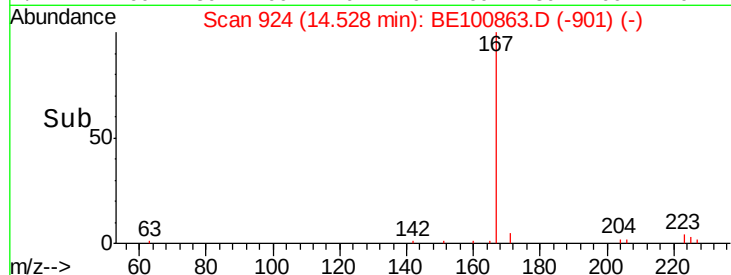
160 90.0 39.4 59.0#



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: 7.493 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.12 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

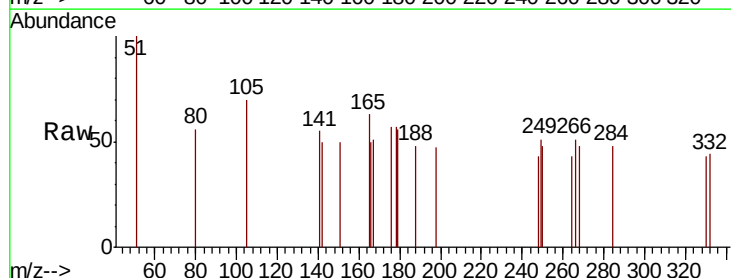
Tgt Ion:330 Resp: 10

Ion Ratio Lower Upper

330 100

332 0.0 69.4 104.2#

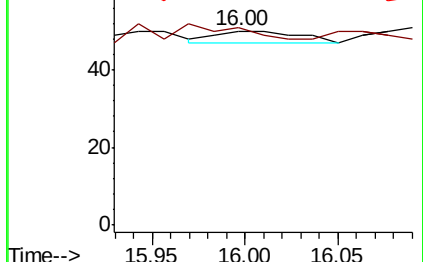
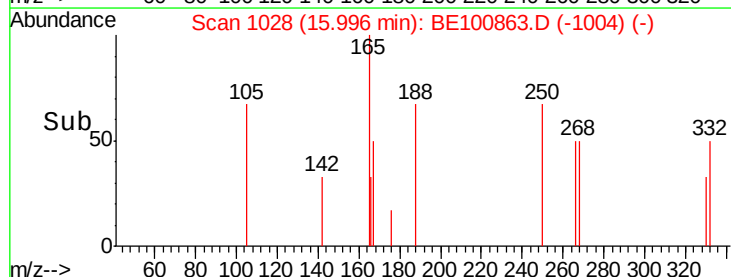
141 0.0 51.1 76.7#

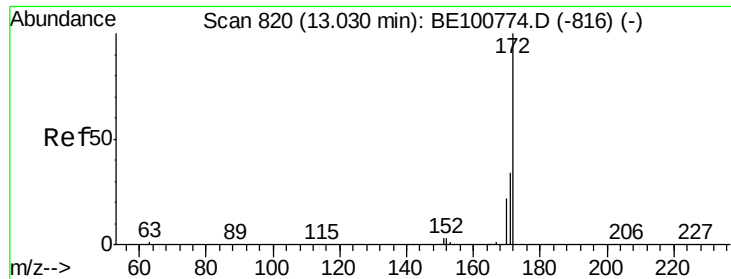


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

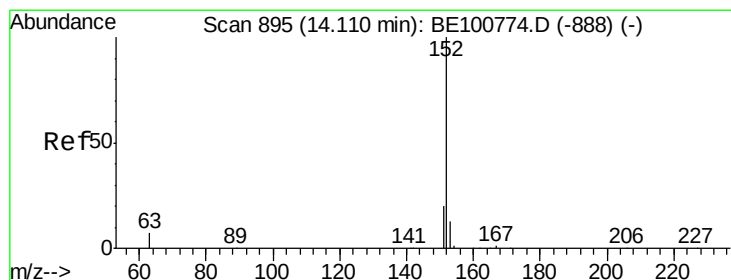
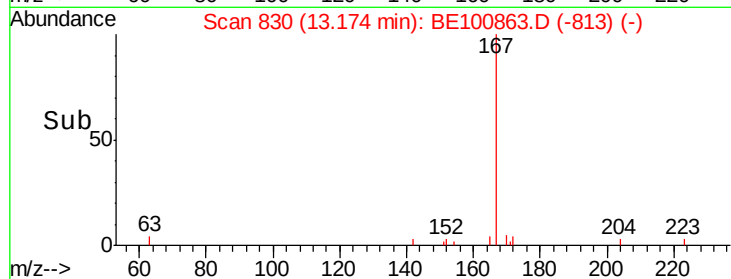
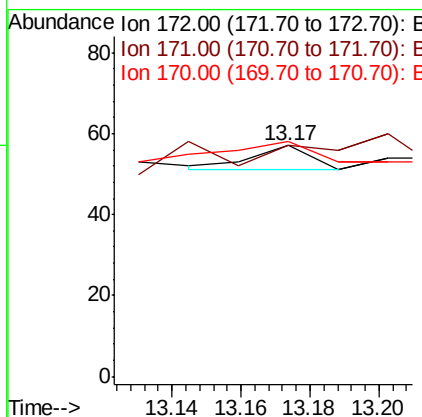
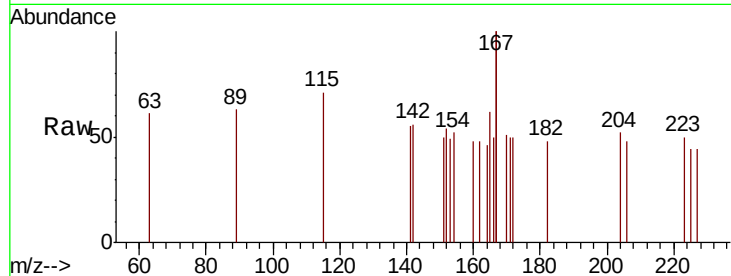




#15
2-Fluorobiphenyl
Concen: 0.147 ng
RT: 13.17 min Scan# 830
Delta R.T. 0.14 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

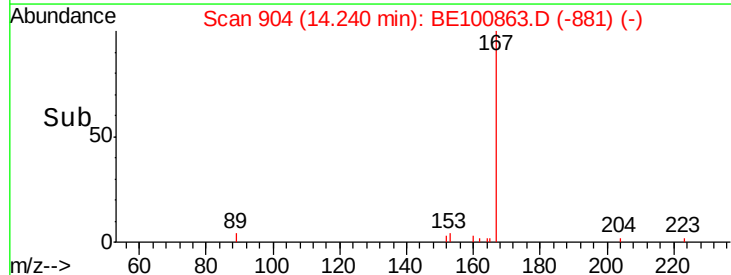
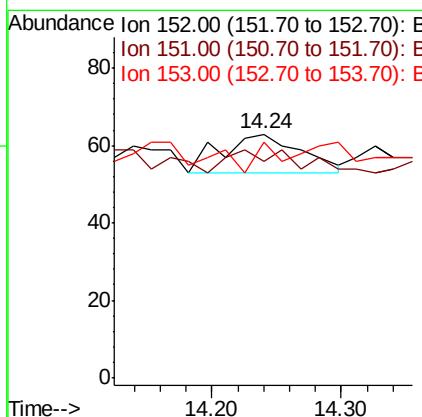
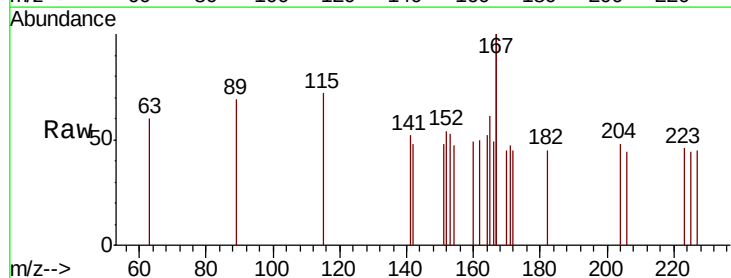
Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

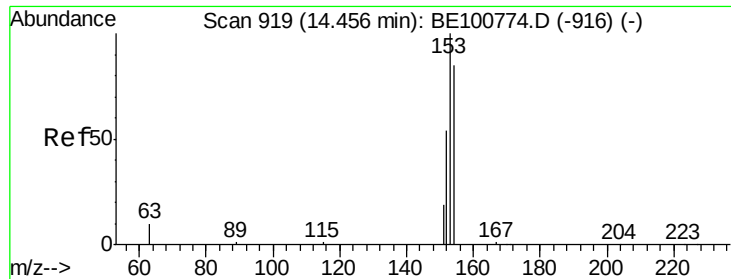
Tot Ion:172 Resp: 7
Ion Ratio Lower Upper
172 100
171 100.0 27.2 40.8#
170 101.8 18.0 27.0#



#16
Acenaphthylene
Concen: 0.866 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.13 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Tgt Ion:152 Resp: 43
Ion Ratio Lower Upper
152 100
151 51.2 15.8 23.6#
153 76.7 10.4 15.6#

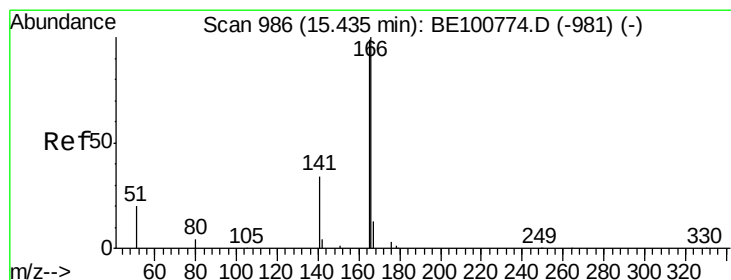
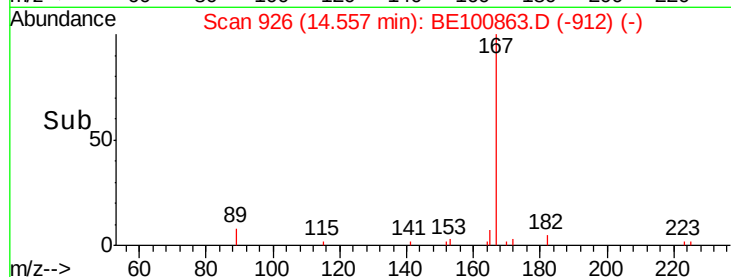
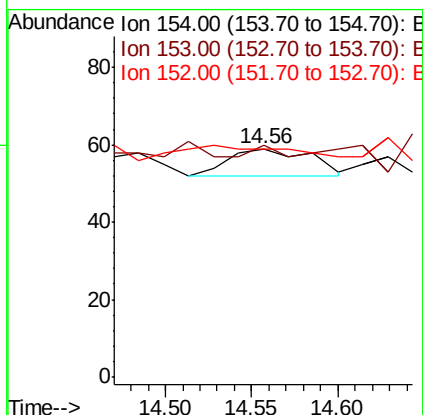
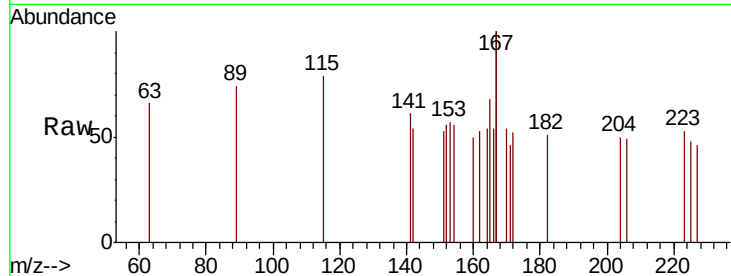




#17
Acenaphthene
Concen: 0.672 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.10 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

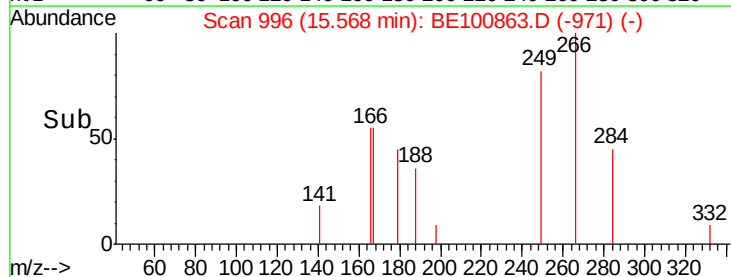
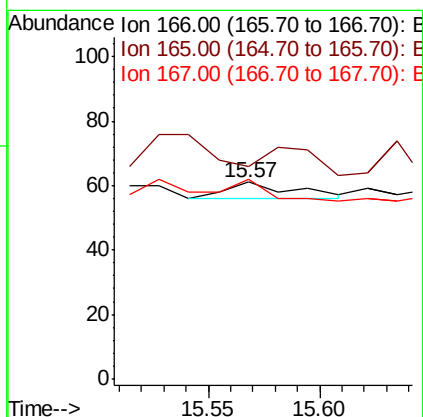
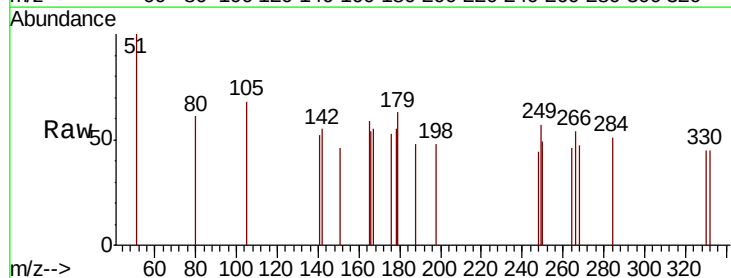
Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

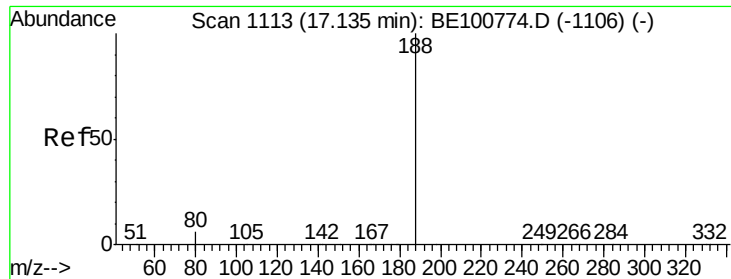
Tot Ion:154 Resp: 23
Ion Ratio Lower Upper
154 100
153 13.0 92.2 138.2#
152 0.0 49.1 73.7#



#18
Fluorene
Concen: 0.227 ng
RT: 15.57 min Scan# 996
Delta R.T. 0.13 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Tgt Ion:166 Resp: 10
Ion Ratio Lower Upper
166 100
165 140.0 80.5 120.7#
167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.31 min Scan# 1126

Delta R.T. 0.17 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

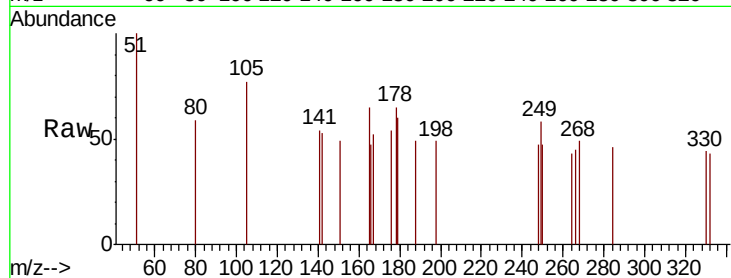
Tot Ion:188 Resp: 10

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

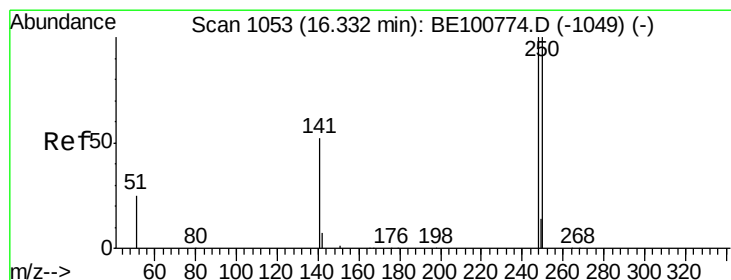
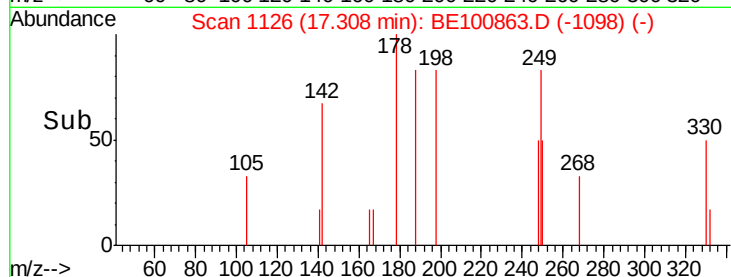
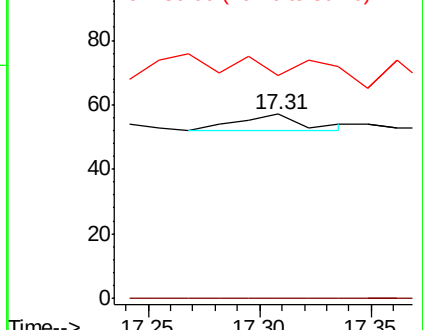
80 121.1 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 1.223 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.19 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

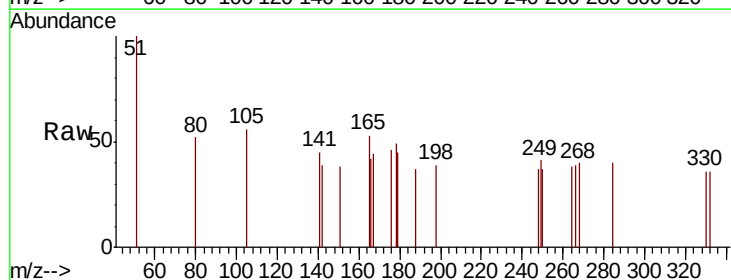
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 100.0 80.5 120.7

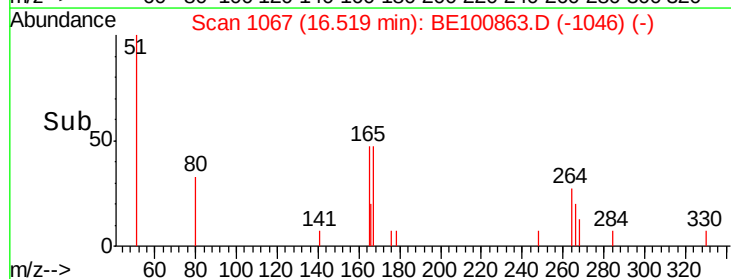
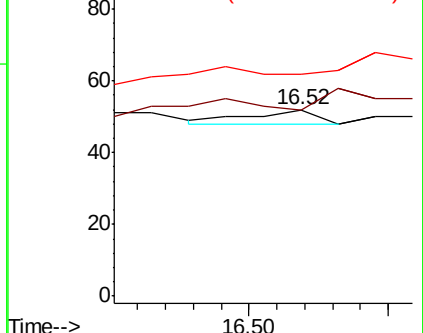
141 119.2 42.6 64.0#

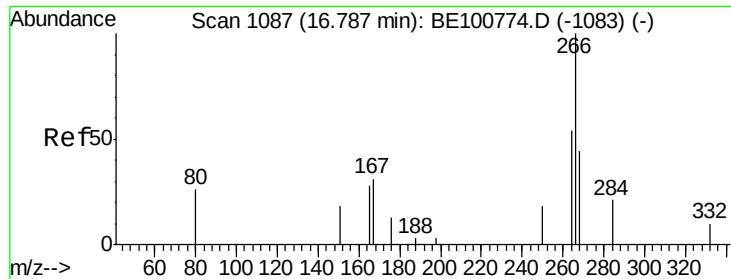


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

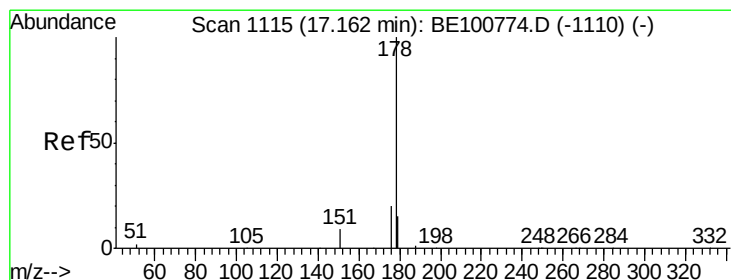
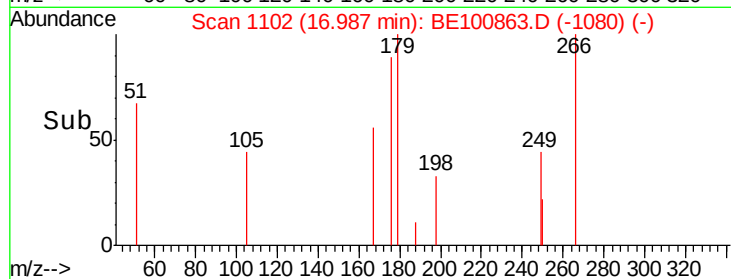
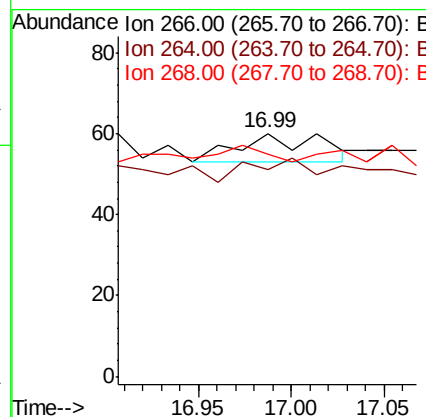
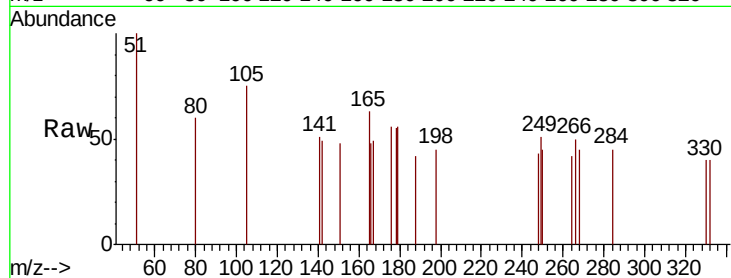




#22
 Pentachlorophenol
 Concen: 59.674 ng
 RT: 16.99 min Scan# 1102
 Delta R.T. 0.20 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

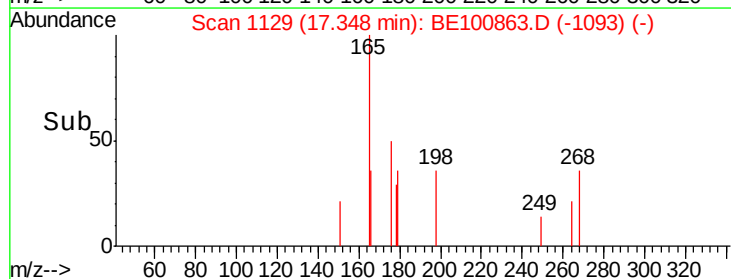
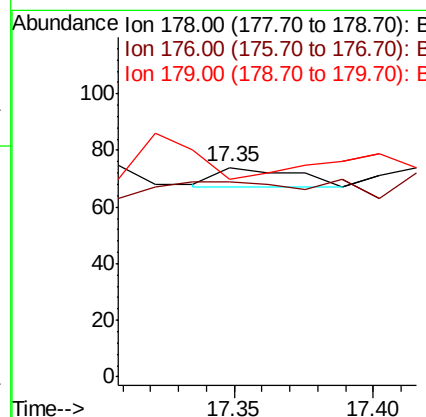
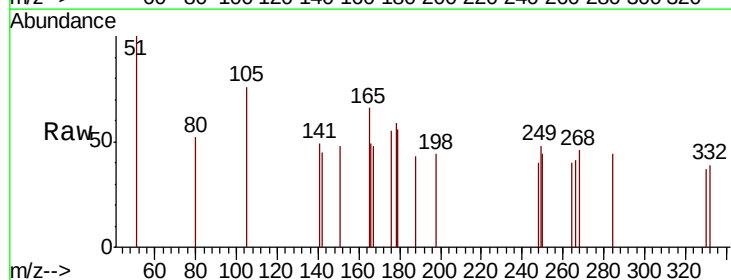
Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

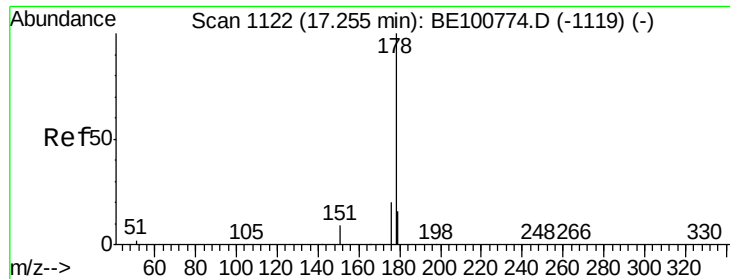
Tot Ion:	266	Resp:	22
Ion	Ratio	Lower	Upper
266	100		
264	85.0	63.4	95.0
268	91.7	65.8	98.8



#23
 Phenanthrene
 Concen: 0.462 ng
 RT: 17.35 min Scan# 1129
 Delta R.T. 0.19 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

Tgt Ion:	178	Resp:	14
Ion	Ratio	Lower	Upper
178	100		
176	107.1	15.5	23.3#
179	0.0	12.3	18.5#





#24

Anthracene

Concen: 0.592 ng

RT: 17.42 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

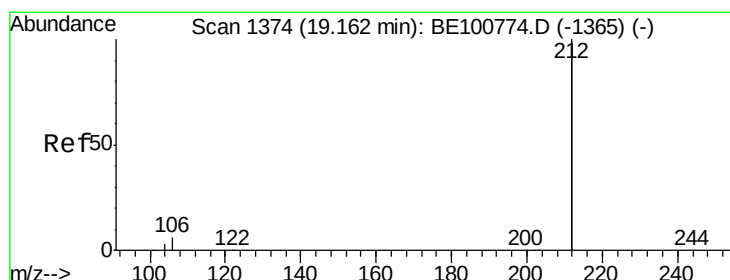
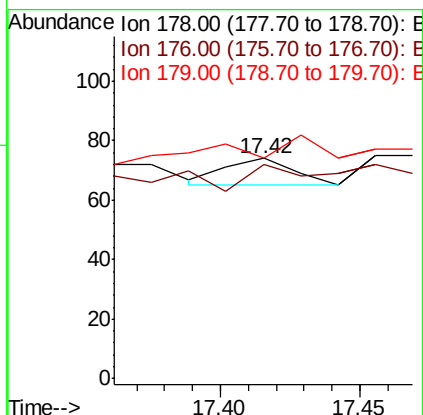
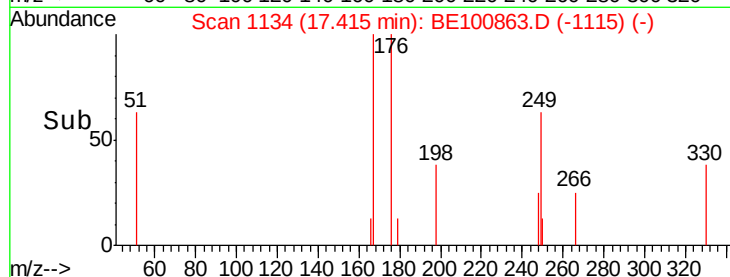
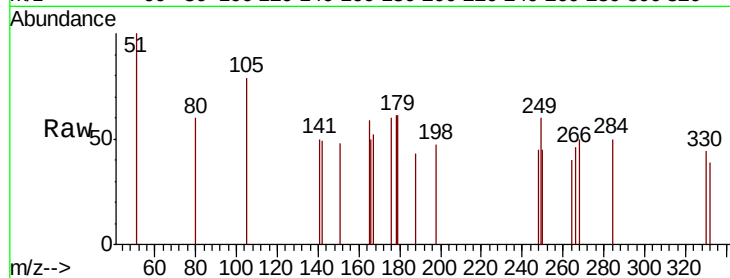
Tot Ion:178 Resp: 15

Ion Ratio Lower Upper

178 100

176 306.7 15.4 23.2#

179 86.7 12.7 19.1#



#25

Fluoranthene-d10

Concen: 0.102 ng

RT: 19.37 min Scan# 1411

Delta R.T. 0.21 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

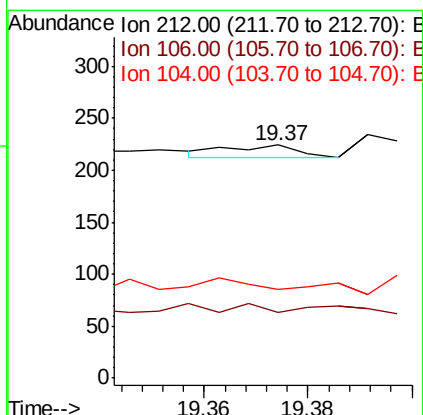
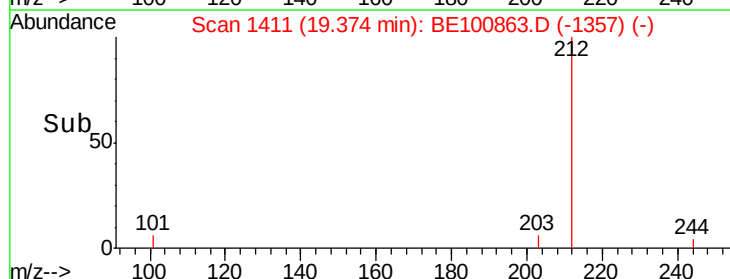
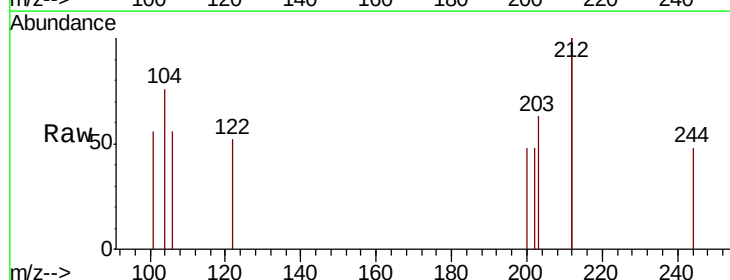
Tgt Ion:212 Resp: 12

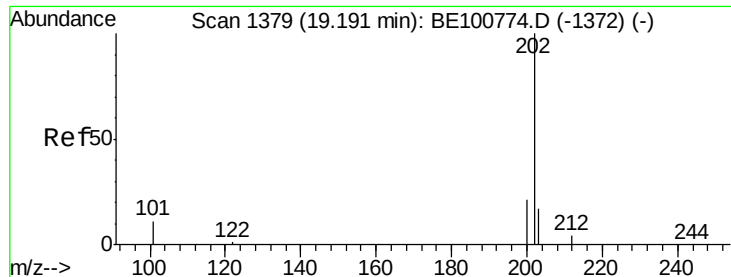
Ion Ratio Lower Upper

212 100

106 50.0 2.6 3.8#

104 66.7 1.4 2.2#

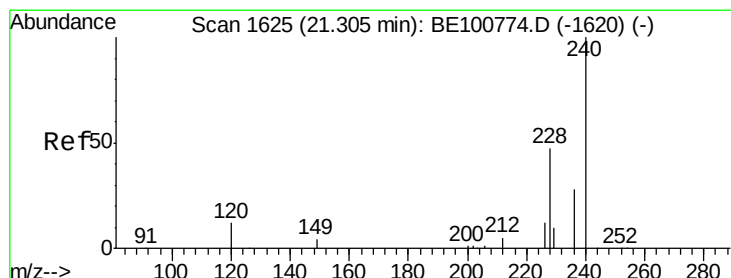
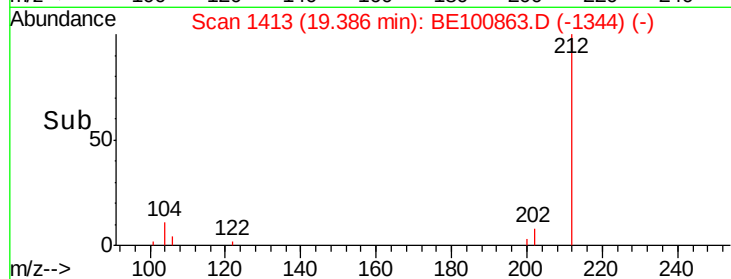
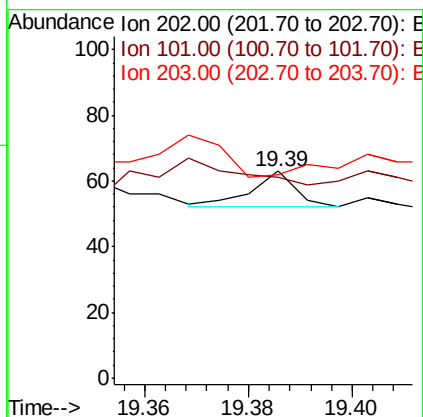
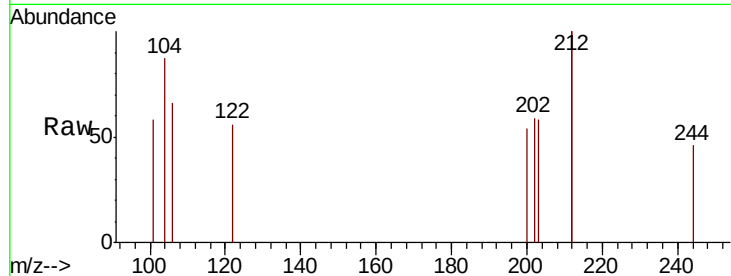




#26
Fluoranthene
Concen: 0.194 ng
RT: 19.39 min Scan# 1413
Delta R.T. 0.20 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

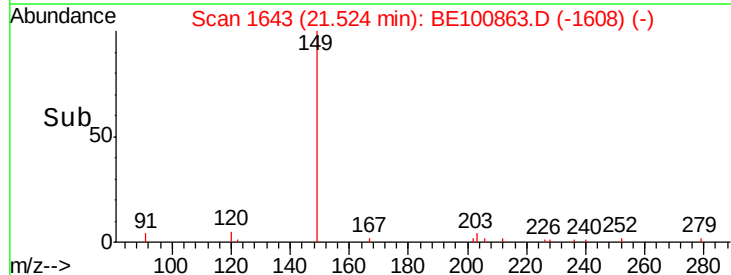
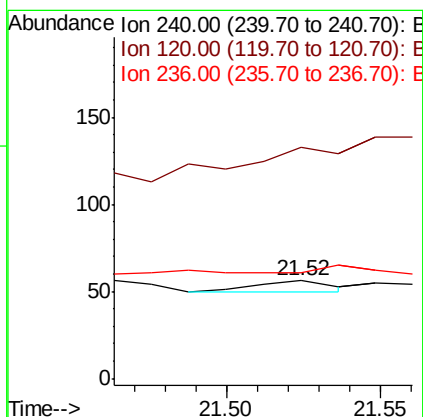
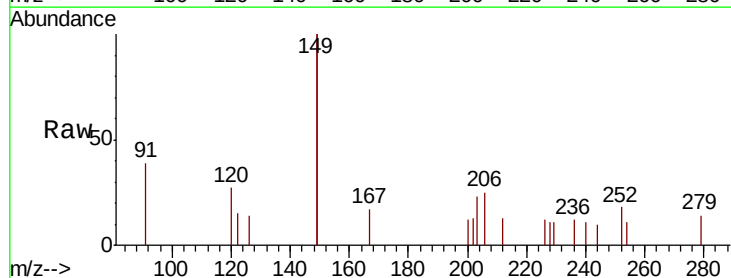
Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

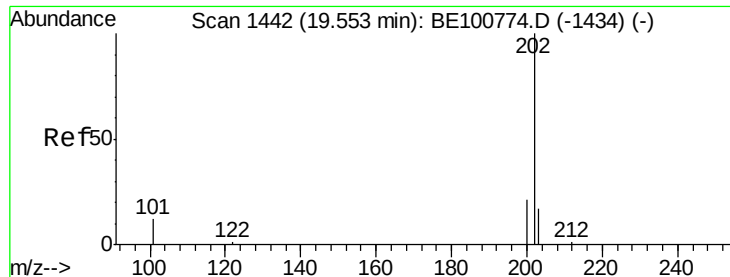
Tot Ion:202 Resp: 7
Ion Ratio Lower Upper
202 100
101 0.0 9.1 13.7#
203 142.9 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.52 min Scan# 1643
Delta R.T. 0.22 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Tgt Ion:240 Resp: 10
Ion Ratio Lower Upper
240 100
120 237.5 10.2 15.2#
236 108.9 22.3 33.5#

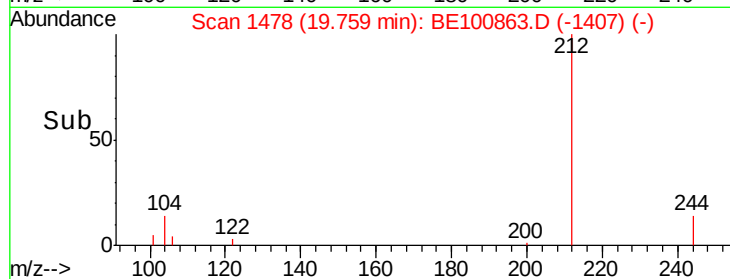
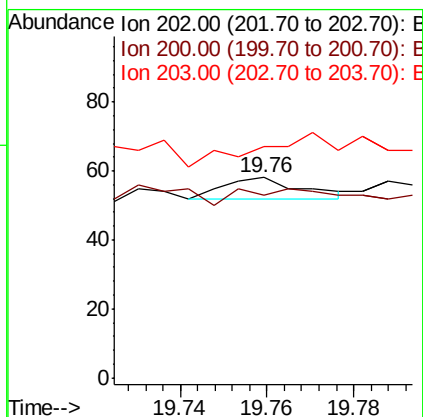
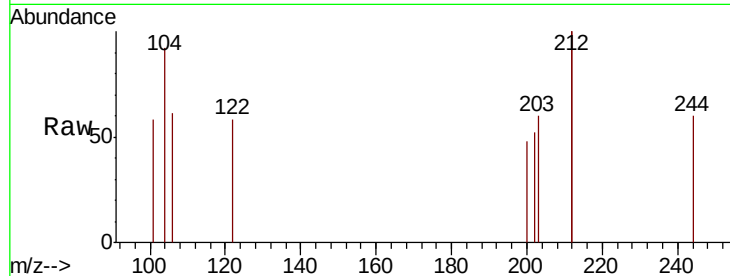




#28
Pvrene
Concen: 0.246 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.21 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

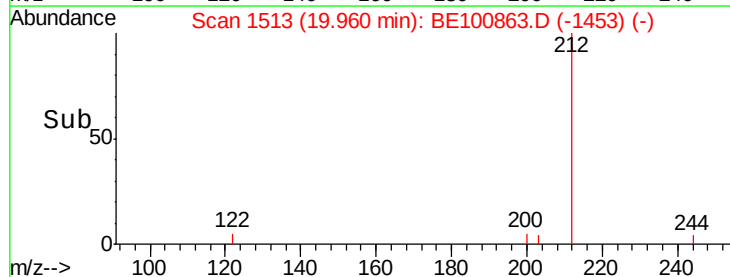
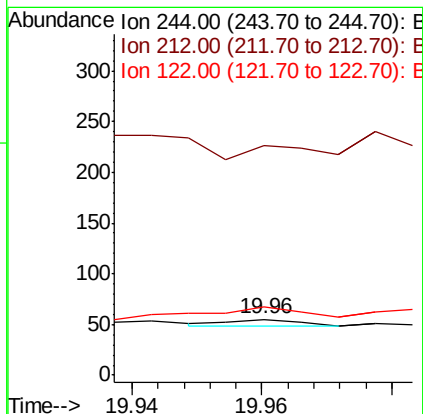
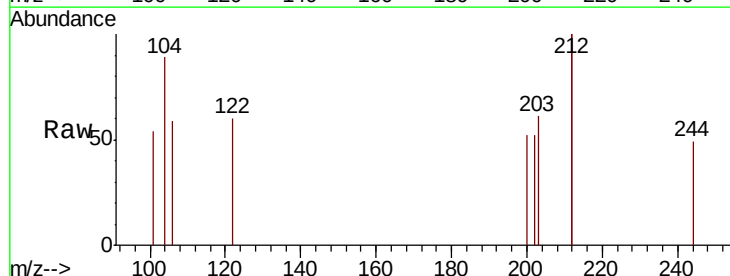
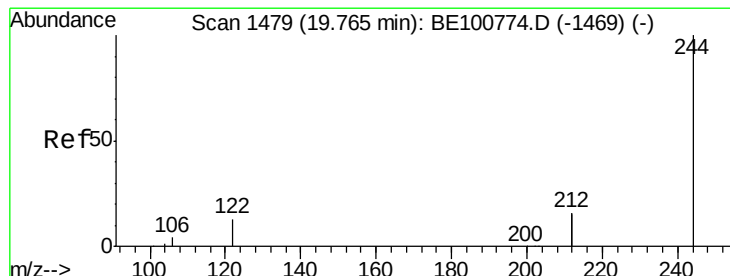
Instrument :
BNA_E
ClientSampleId :
RE134D3-20191204DL

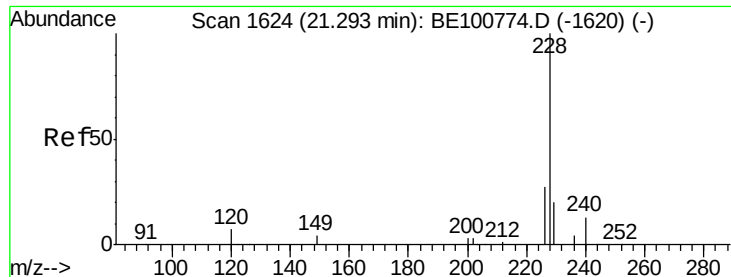
Tot Ion:202 Resp: 8
Ion Ratio Lower Upper
202 100
200 112.5 17.0 25.4#
203 237.5 13.9 20.9#



#29
Terphenyl-d14
Concen: 0.167 ng
RT: 19.96 min Scan# 1513
Delta R.T. 0.20 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:44

Tgt Ion:244 Resp: 4
Ion Ratio Lower Upper
244 100
212 410.9 26.2 39.4#
122 123.6 10.2 15.4#





#30

Benzo(a)anthracene

Concen: 0.407 ng

RT: 21.49 min Scan# 1640

Delta R.T. 0.19 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

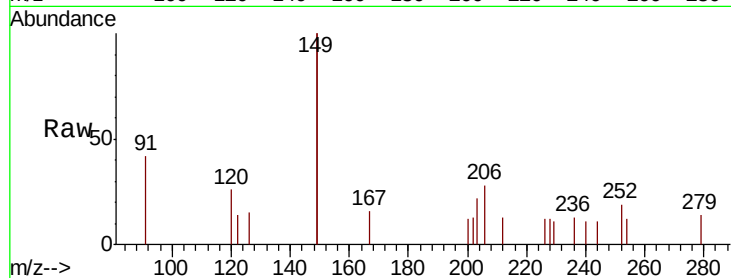
Tot Ion:228 Resp: 12

Ion Ratio Lower Upper

228 100

226 98.2 21.5 32.3#

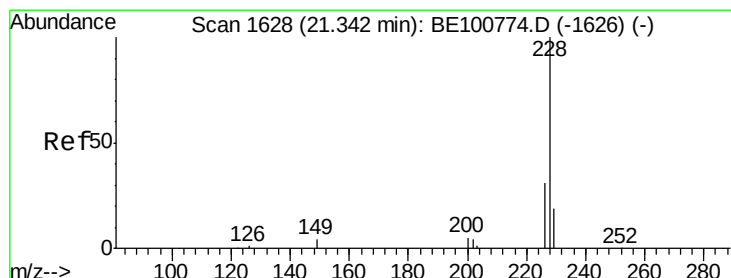
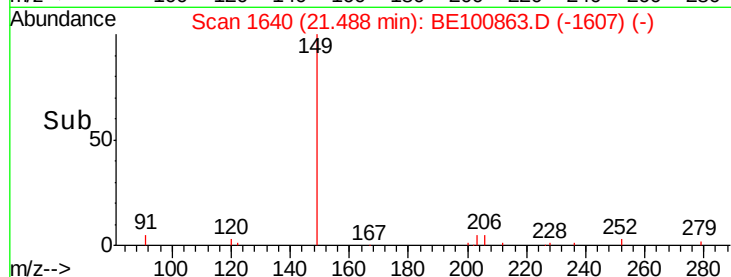
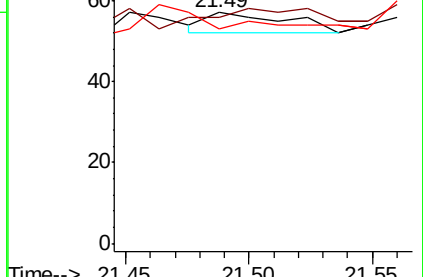
229 93.0 16.0 24.0#



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: 0.404 ng

RT: 21.56 min Scan# 1646

Delta R.T. 0.22 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

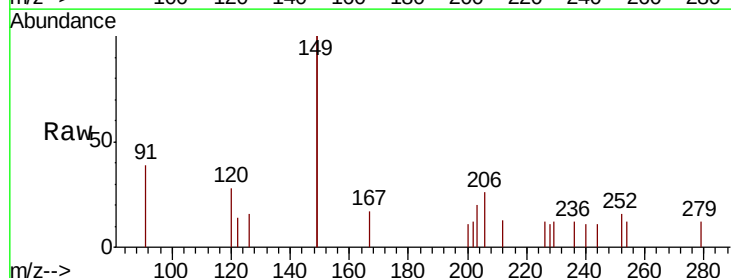
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

226 105.4 25.0 37.4#

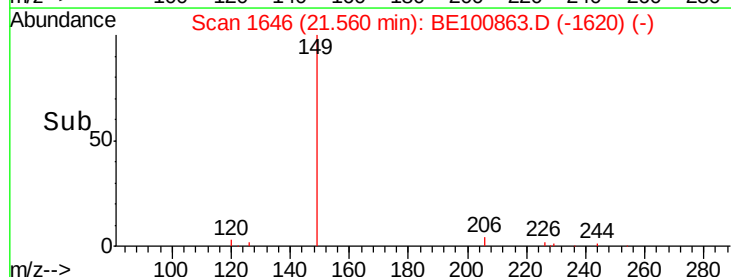
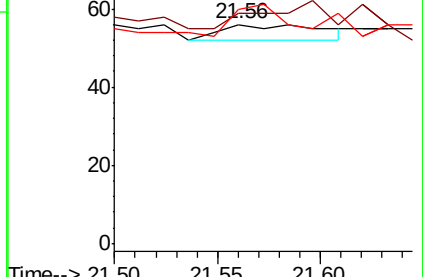
229 107.1 15.4 23.2#

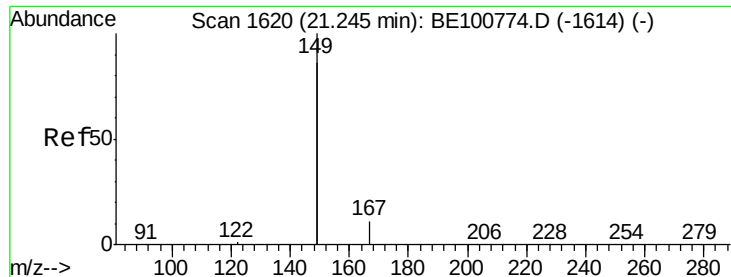


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

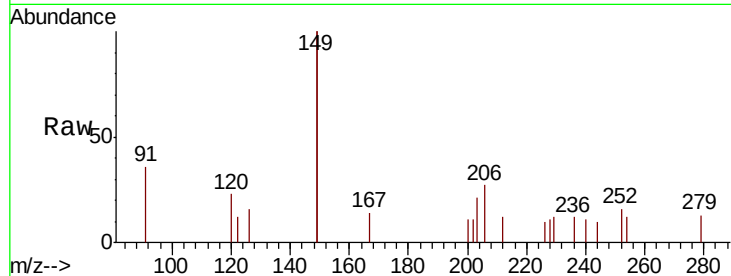




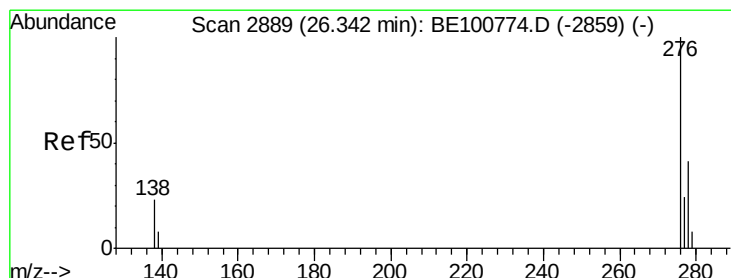
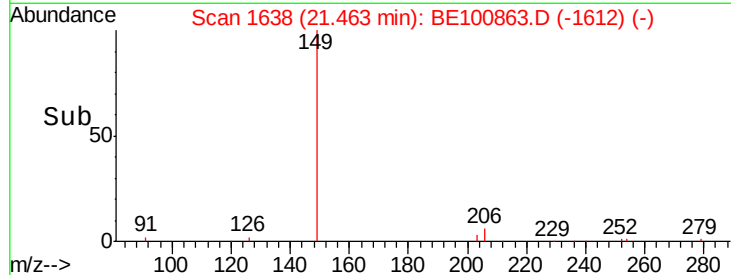
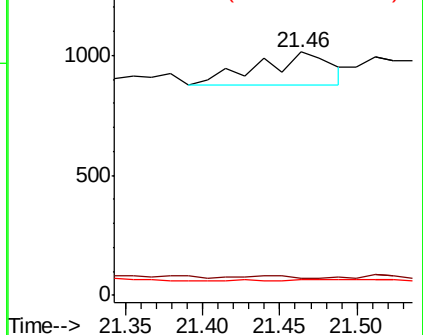
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 7.222 ng
 RT: 21.46 min Scan# 1638
 Delta R.T. 0.22 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

Tot Ion:149 Resp: 462
 Ion Ratio Lower Upper
 149 100
 167 0.0 5.0 7.6#
 279 3.2 0.7 1.1#

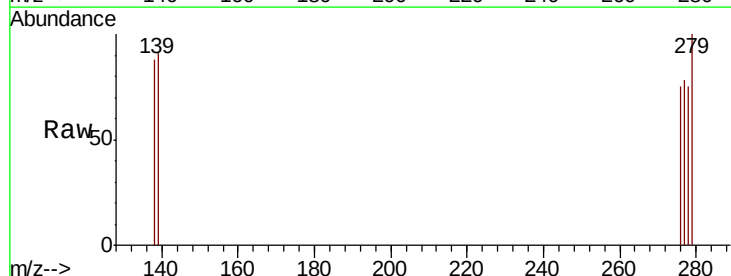


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

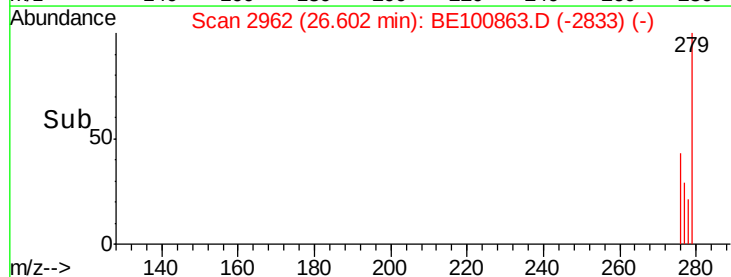
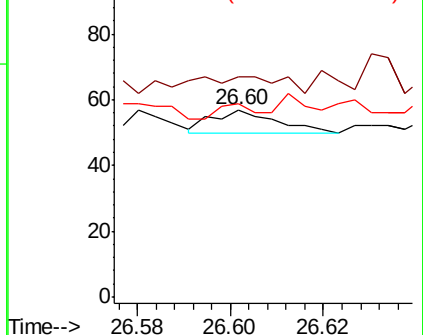


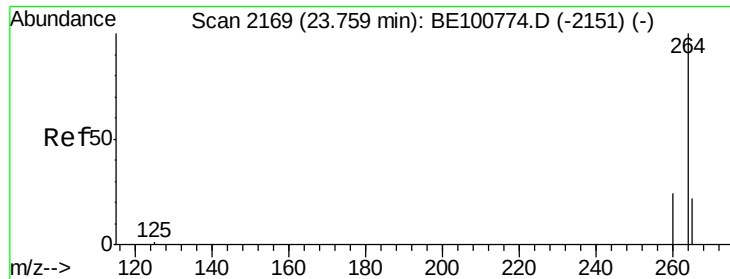
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.199 ng
 RT: 26.60 min Scan# 2962
 Delta R.T. 0.26 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

Tgt Ion:276 Resp: 6
 Ion Ratio Lower Upper
 276 100
 138 133.3 19.4 29.0#
 277 33.3 19.8 29.6#



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

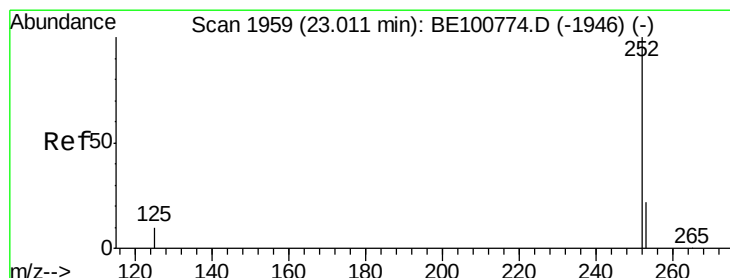
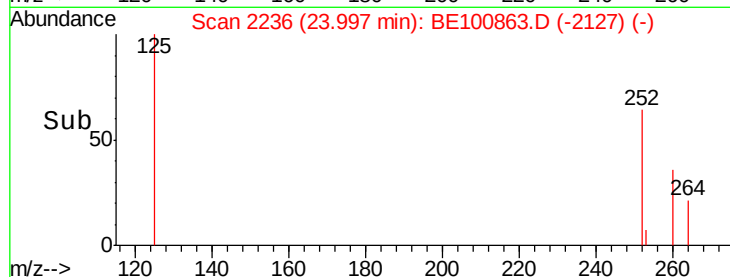
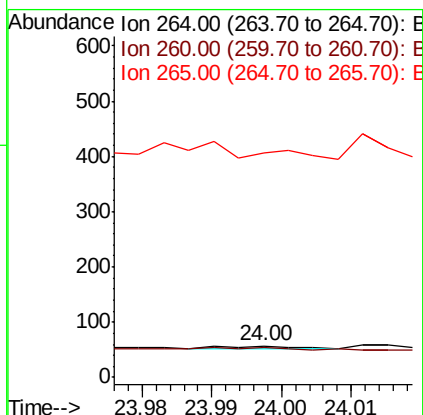
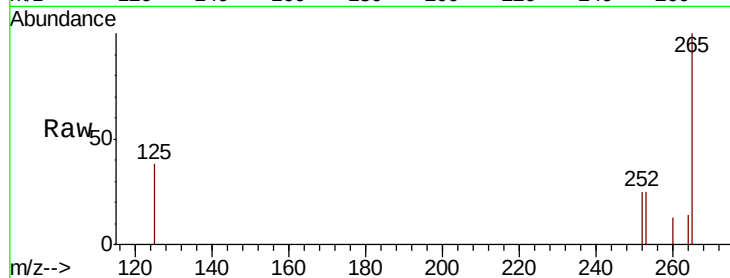




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2236
 Delta R.T. 0.24 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

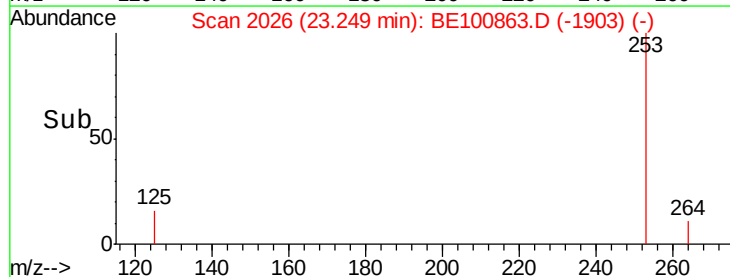
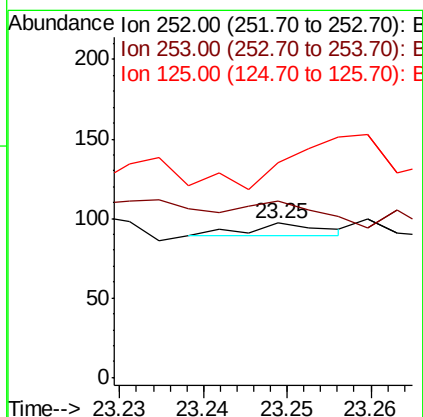
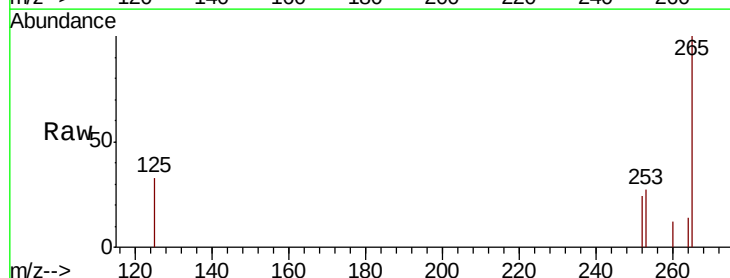
Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

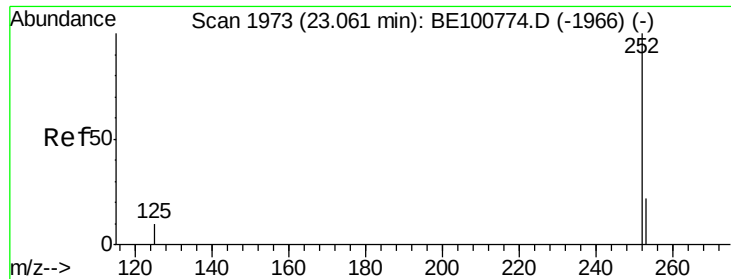
Tot Ion:264 Resp: 5
 Ion Ratio Lower Upper
 264 100
 260 94.7 19.4 29.2#
 265 712.3 21.8 32.8#



#35
 Benzo(b)fluoranthene
 Concen: 0.365 ng
 RT: 23.25 min Scan# 2026
 Delta R.T. 0.24 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:44

Tgt Ion:252 Resp: 5
 Ion Ratio Lower Upper
 252 100
 253 114.4 17.8 26.8#
 125 139.2 9.0 13.4#





#36

Benzo(k)fluoranthene

Concen: 0.261 ng

RT: 23.30 min Scan# 2041

Delta R.T. 0.24 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

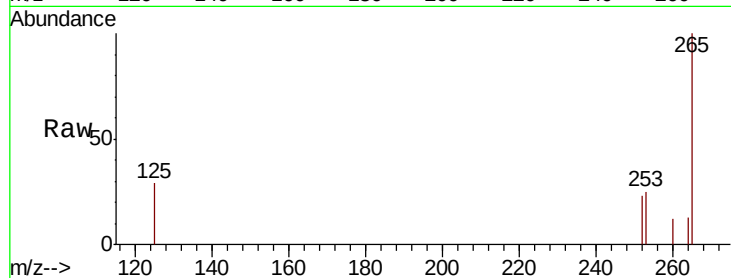
Tot Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 106.9 17.8 26.8#

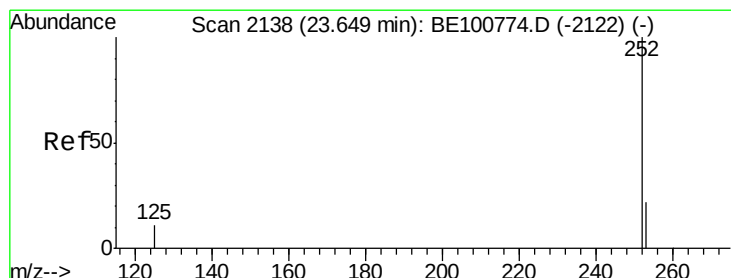
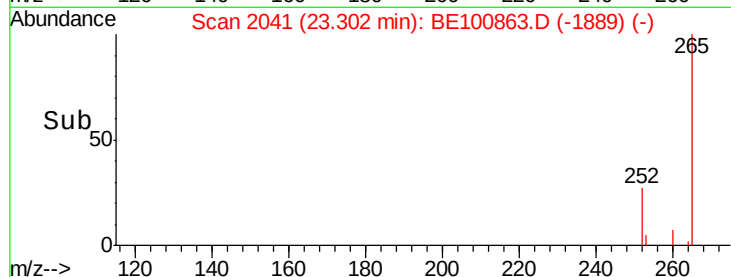
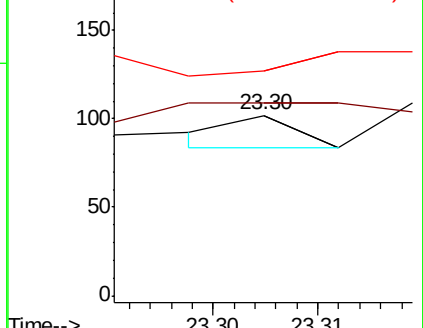
125 124.5 8.7 13.1#



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: 0.928 ng

RT: 23.89 min Scan# 2205

Delta R.T. 0.24 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

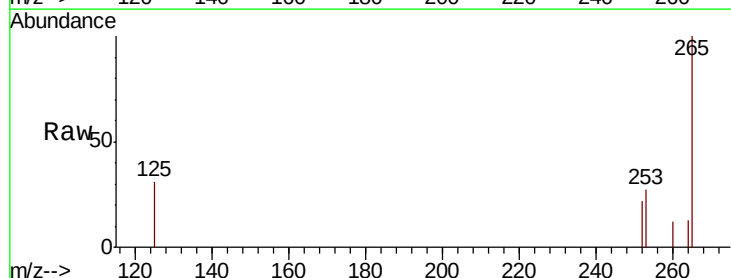
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 121.9 18.2 27.4#

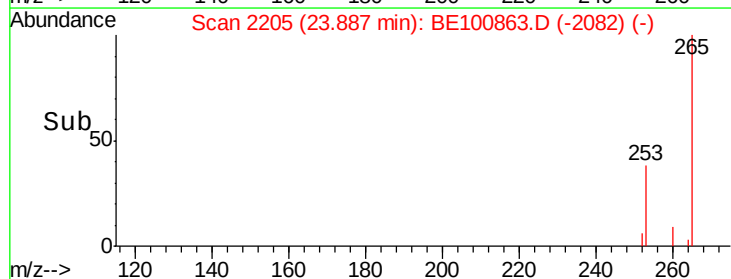
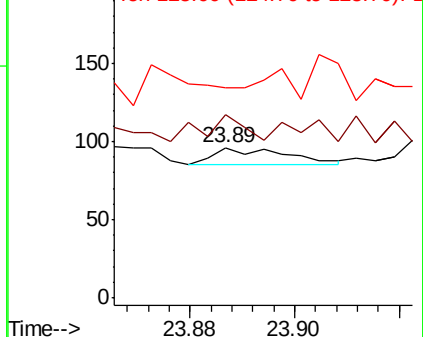
125 139.6 10.4 15.6#

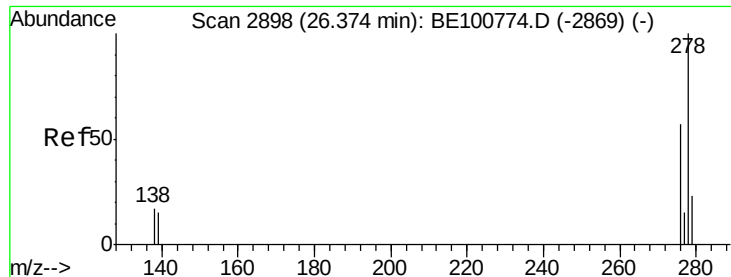


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.254 ng

RT: 26.64 min Scan# 2972

Delta R.T. 0.26 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

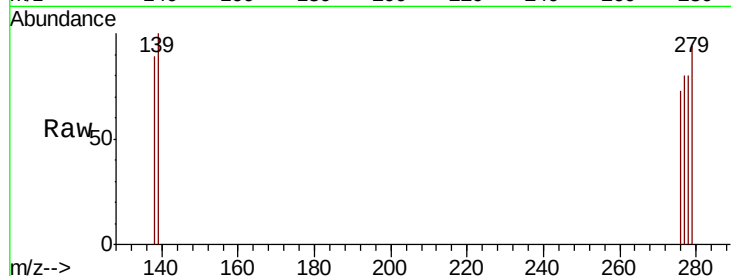
Instrument :

BNA_E

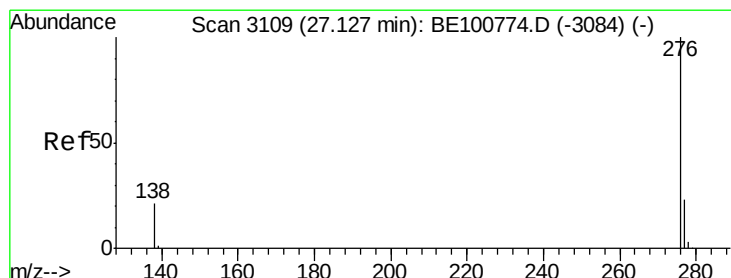
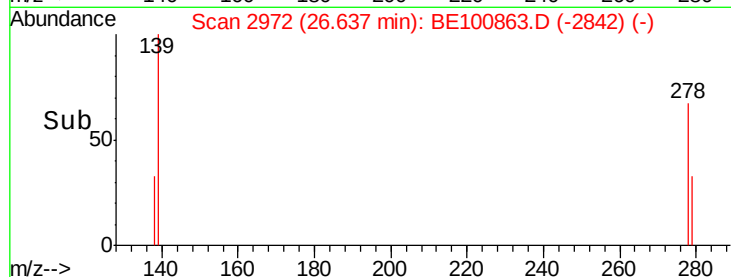
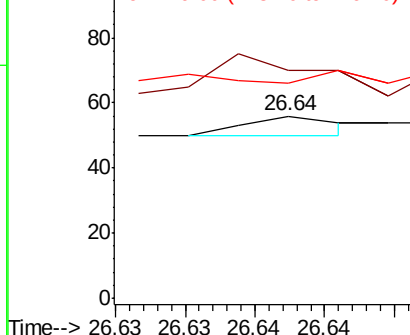
ClientSampleId :

RE134D3-20191204DL

Tot	Ion:278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	125.0	13.0	19.4#
279	117.9	19.6	29.4#



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(g,h,i)perylene

Concen: 0.159 ng

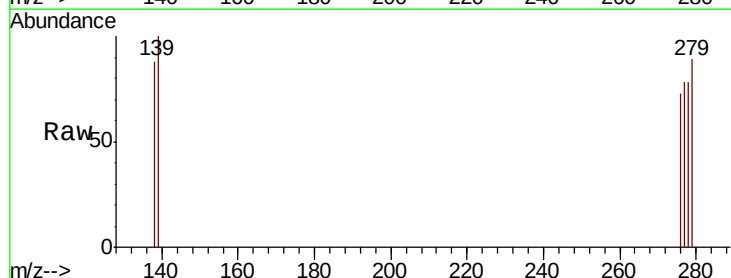
RT: 27.39 min Scan# 3184

Delta R.T. 0.27 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:44

Tgt	Ion:276	Resp:	2
Ion	Ratio	Lower	Upper
276	100		
277	107.5	19.3	28.9#
138	120.8	17.8	26.6#



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

