

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100373.D
 Acq On : 4 Jul 2019 18:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 05 01:16:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1144	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	3786	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2610	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7783	0.40	ng	0.00
27) Chrysene-d12	21.24	240	9621	0.40	ng	0.00
34) Perylene-d12	23.67	264	11673	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	1217	0.42	ng	-0.01
5) Phenol-d6	6.83	99	1493	0.39	ng	-0.01
8) Nitrobenzene-d5	8.80	82	1511	0.40	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	2928	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	872	0.48	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	4663	0.46	ng	-0.01
25) Fluoranthene-d10	19.10	212	46169	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	9630	0.48	ng	0.00

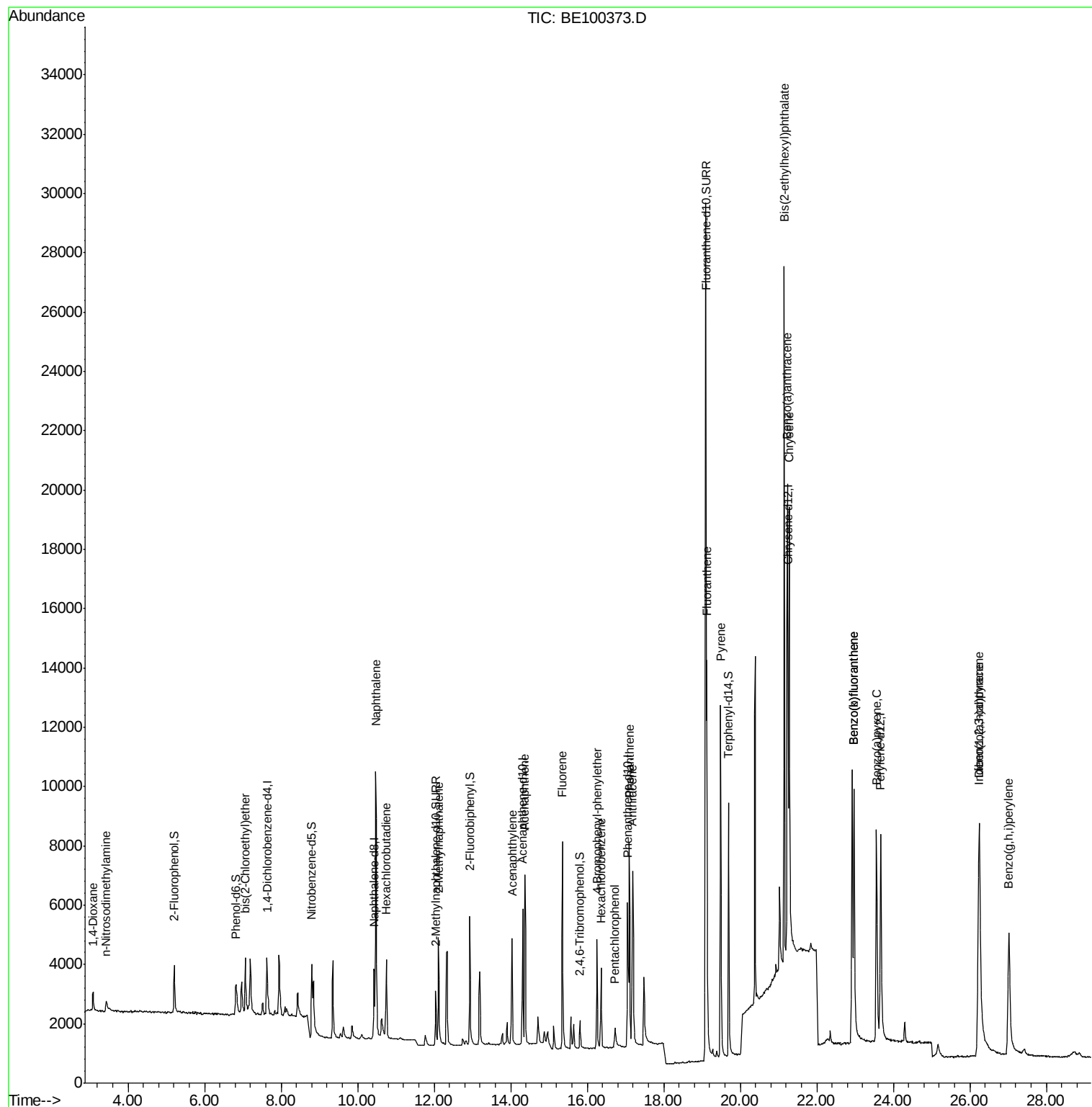
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	558	0.314	ng	95
3) n-Nitrosodimethylamine	3.43	42	388	0.469	ng	# 75
6) bis(2-Chloroethyl)ether	7.07	93	1211	0.384	ng	# 65
9) Naphthalene	10.47	128	17204	0.412	ng	99
10) Hexachlorobutadiene	10.74	225	1886	0.469	ng	94
12) 2-Methylnaphthalene	12.11	142	2772	0.378	ng	99
16) Acenaphthylene	14.04	152	5387	0.430	ng	99
17) Acenaphthene	14.37	154	3058	0.431	ng	98
18) Fluorene	15.35	166	4521	0.431	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	2213	0.445	ng	95
21) Hexachlorobenzene	16.36	284	2319	0.450	ng	98
22) Pentachlorophenol	16.72	266	712	0.459	ng	97
23) Phenanthrene	17.09	178	7974	0.423	ng	99
24) Anthracene	17.19	178	7304	0.430	ng	99
26) Fluoranthene	19.13	202	12366	0.412	ng	99
28) Pyrene	19.49	202	12848	0.504	ng	99
30) Benzo(a)anthracene	21.23	228	13730	0.434	ng	97
31) Chrysene	21.28	228	13676	0.431	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	23535	0.469	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.23	276	16111	0.383	ng	99
35) Benzo(b)fluoranthene	22.97	252	14504	0.458	ng	98
36) Benzo(k)fluoranthene	22.97	252	14504	0.411	ng	# 95
37) Benzo(a)pyrene	23.56	252	13530	0.427	ng	# 91
38) Dibenzo(a,h)anthracene	26.25	278	12862	0.388	ng	97
39) Benzo(g,h,i)perylene	27.02	276	13439	0.395	ng	96

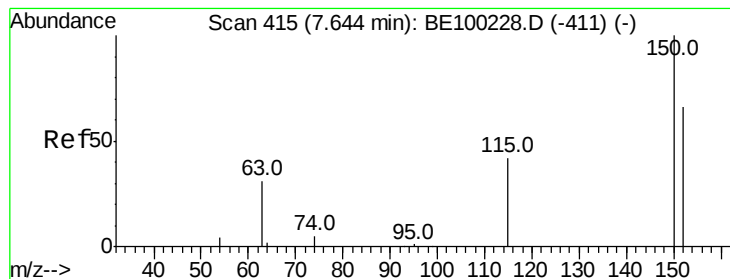
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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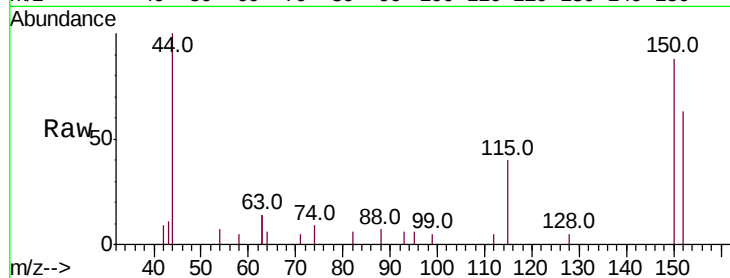


#1

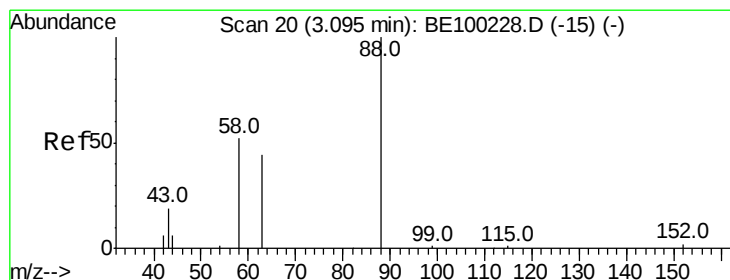
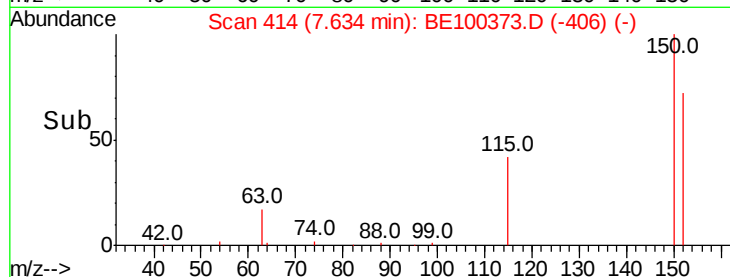
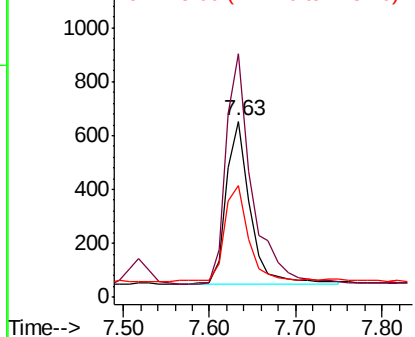
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1144
Ion Ratio Lower Upper
152 100
150 138.1 114.5 171.7
115 63.1 57.1 85.7



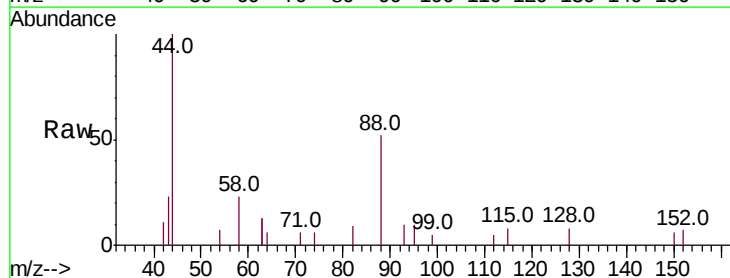
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



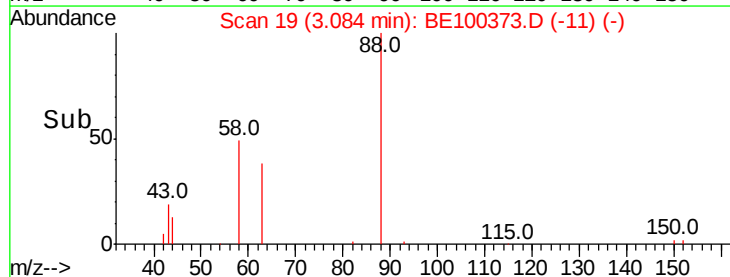
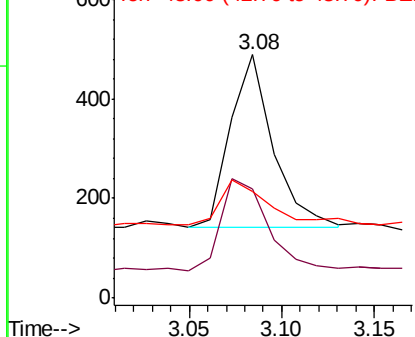
#2

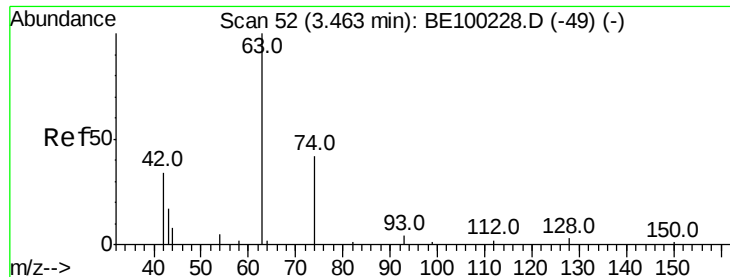
1,4-Dioxane
Concen: 0.314 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion: 88 Resp: 558
Ion Ratio Lower Upper
88 100
58 57.3 43.6 65.4
43 31.0 21.4 32.0



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: 0.469 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.03 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

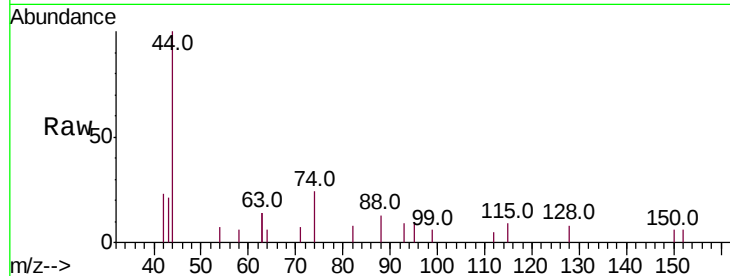
Tot Ion: 42 Resp: 388

Ion Ratio Lower Upper

42 100

74 148.5 130.6 196.0

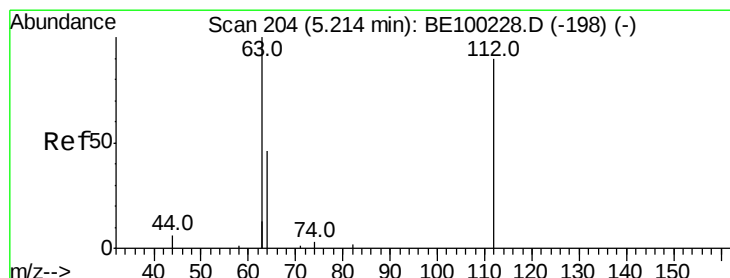
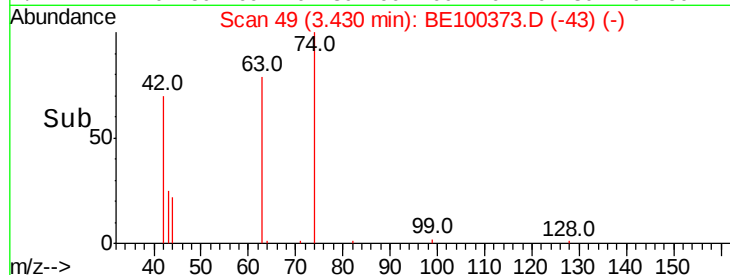
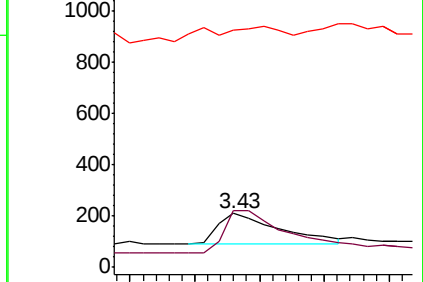
44 0.0 38.0 57.0#



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: 0.417 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

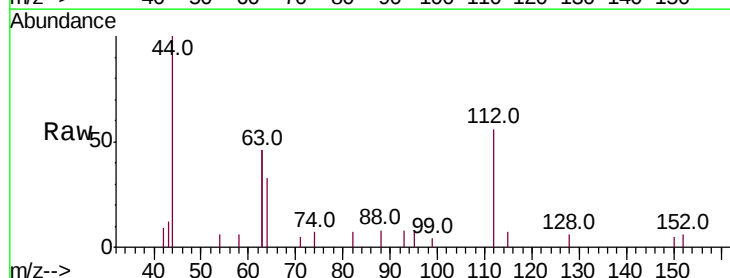
Tgt Ion: 112 Resp: 1217

Ion Ratio Lower Upper

112 100

64 54.3 39.4 59.0

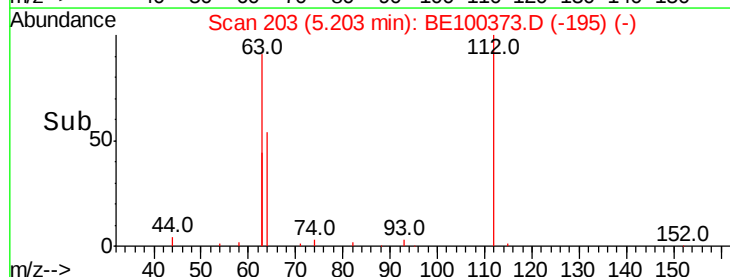
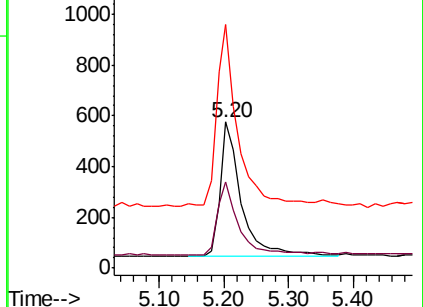
63 134.6 104.5 156.7

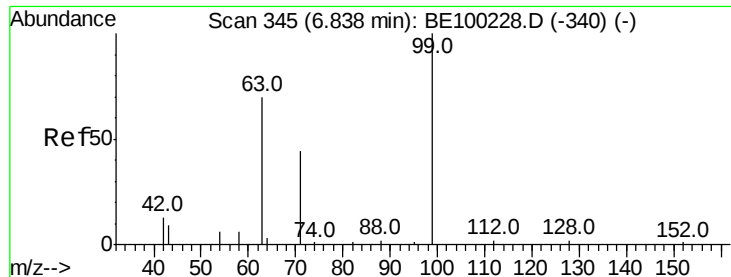


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

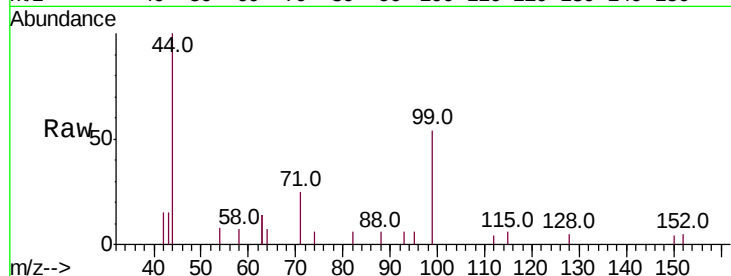
Tot Ion: 99 Resp: 1493

Ion Ratio Lower Upper

99 100

42 17.3 11.2 16.8#

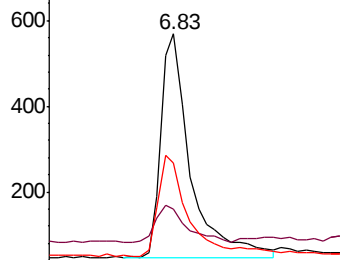
71 43.9 37.2 55.8



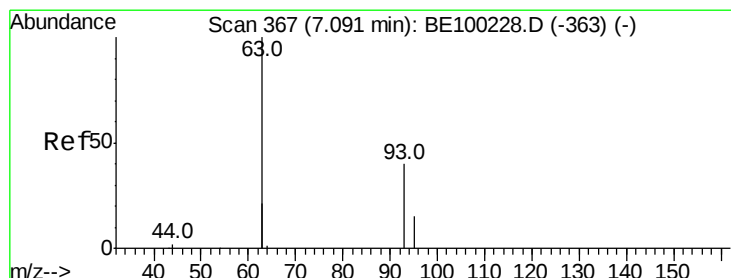
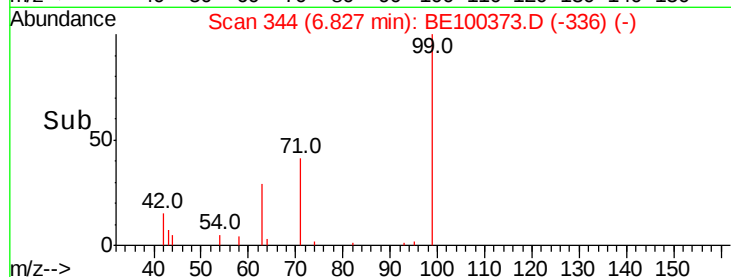
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.384 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

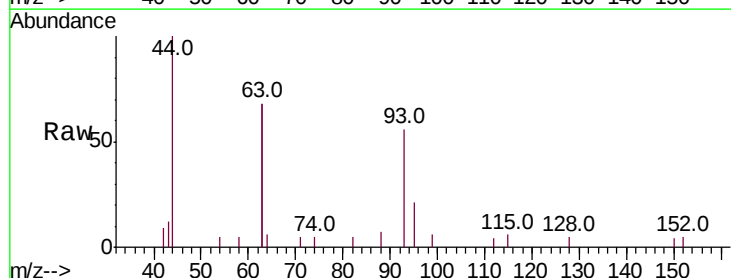
Tgt Ion: 93 Resp: 1211

Ion Ratio Lower Upper

93 100

63 251.9 155.6 233.4#

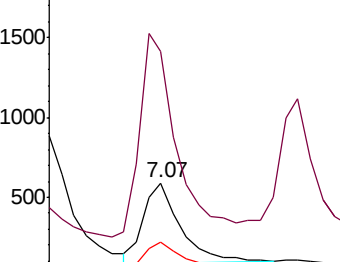
95 35.7 23.0 34.4#



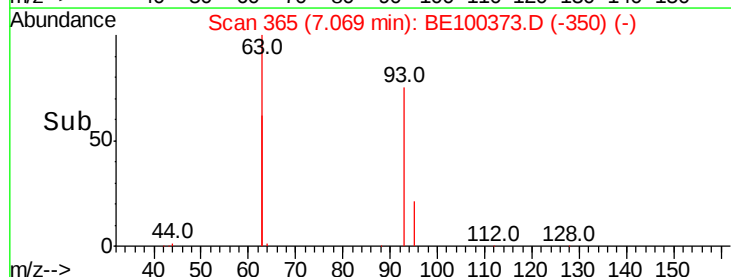
Abundance Ion 93.00 (92.70 to 93.70): BE1

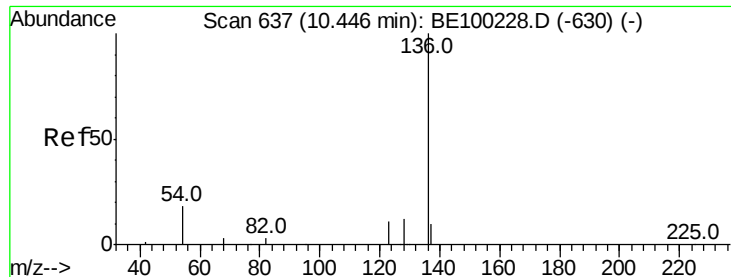
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3786

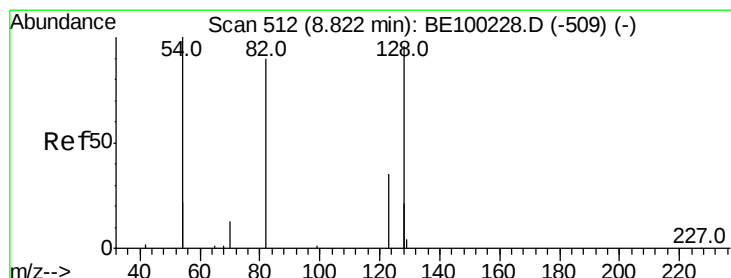
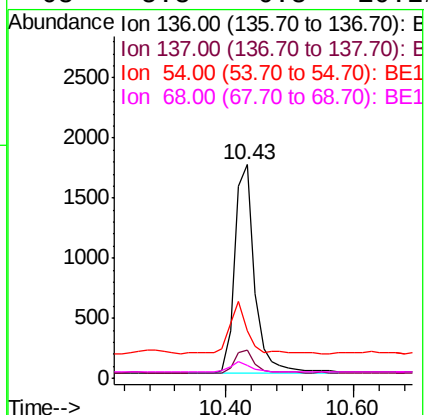
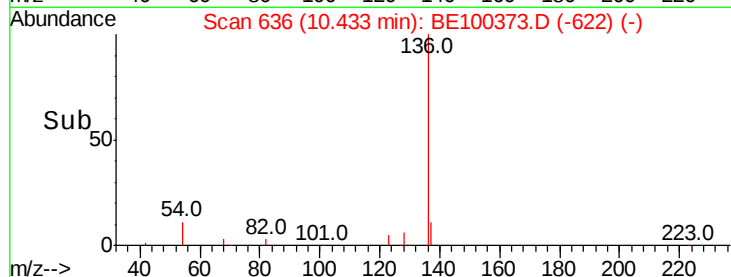
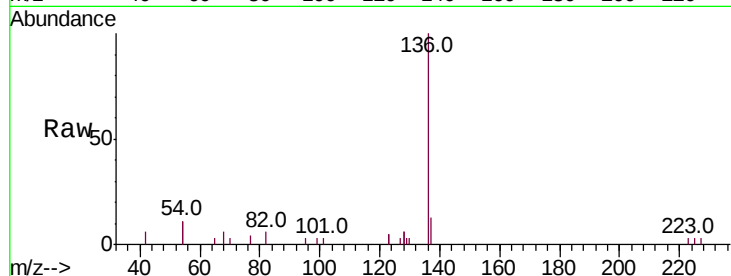
Ion Ratio Lower Upper

136 100

137 13.3 11.8 17.8

54 22.4 27.7 41.5#

68 5.8 6.8 10.2#



#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

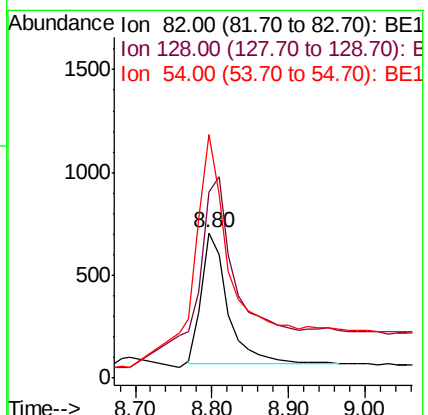
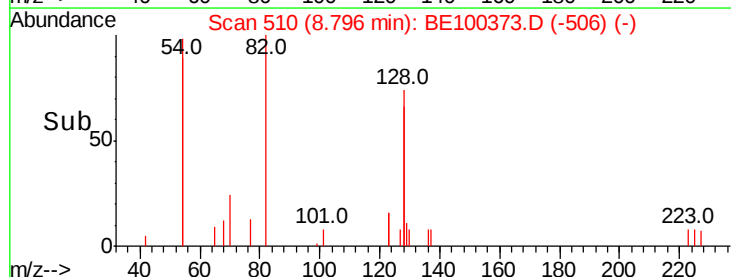
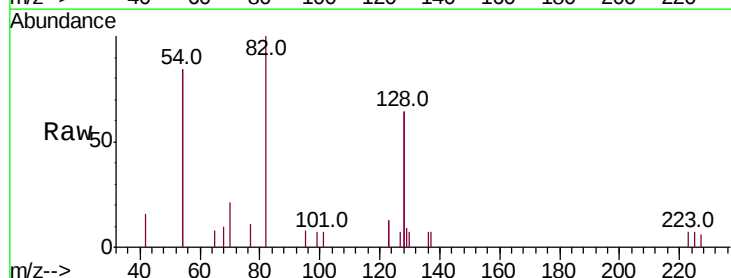
Tgt Ion: 82 Resp: 1511

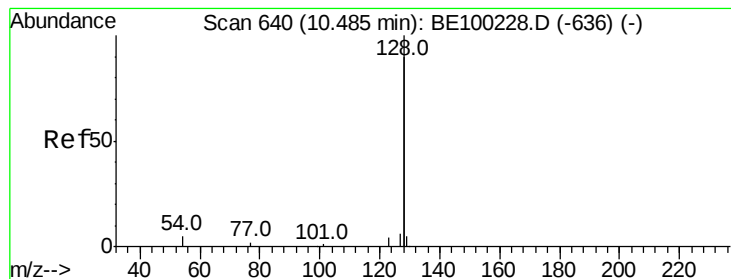
Ion Ratio Lower Upper

82 100

128 127.8 140.9 211.3#

54 167.7 146.2 219.2





#9

Naphthalene

Concen: 0.412 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampled :

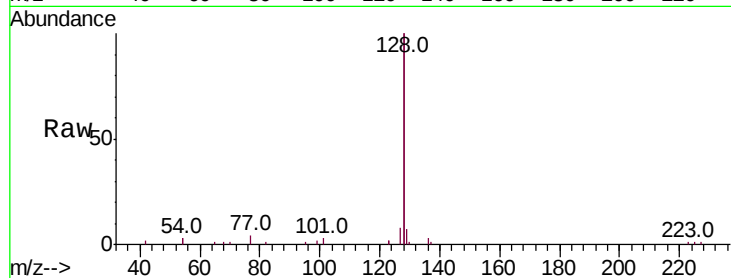
Tot Ion:128 Resp: 17204

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

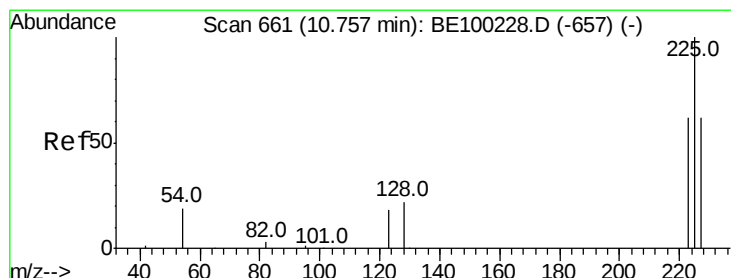
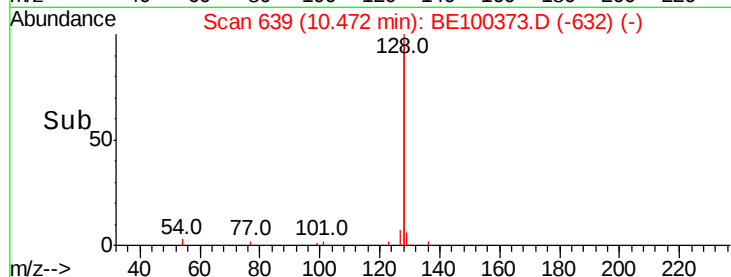
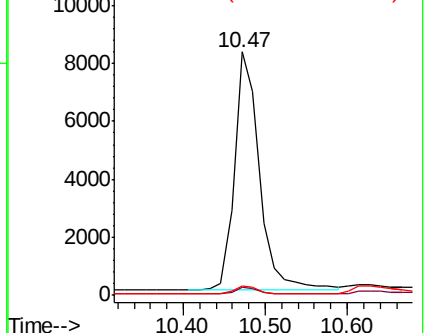
127 3.9 3.5 5.3



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: 0.469 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

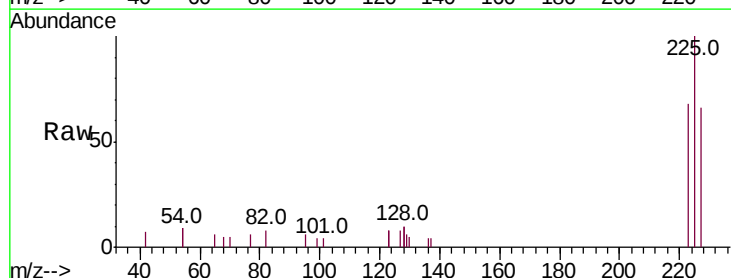
Tgt Ion:225 Resp: 1886

Ion Ratio Lower Upper

225 100

223 65.4 49.1 73.7

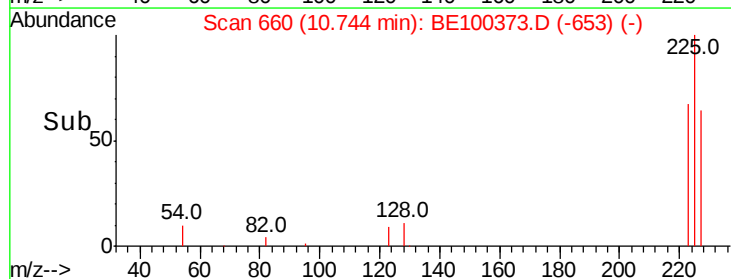
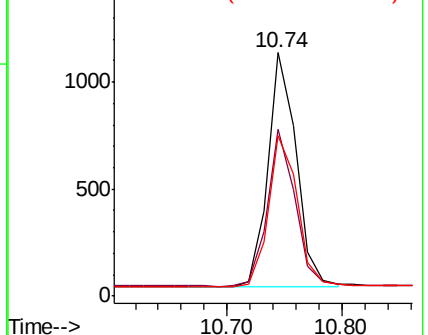
227 66.1 49.3 73.9

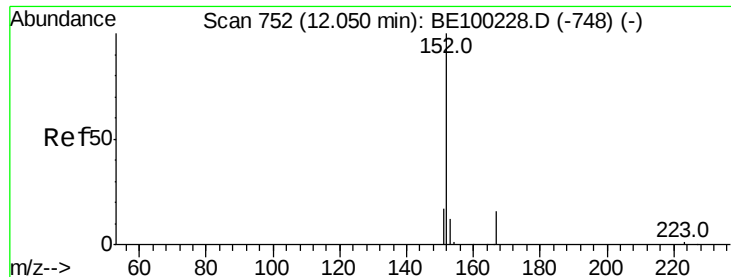


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

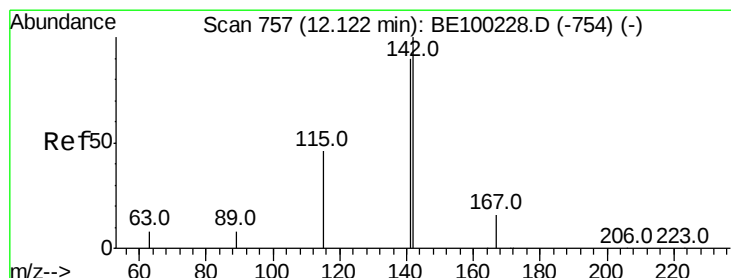
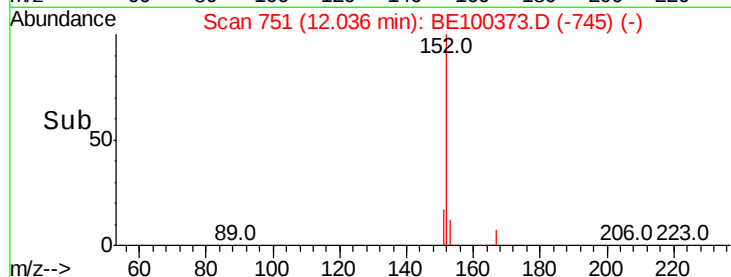
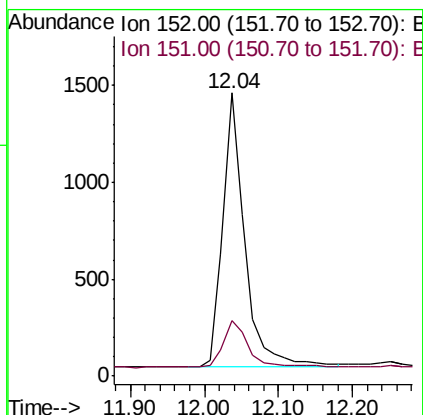
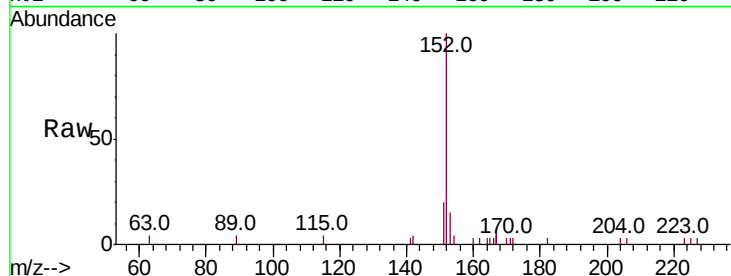




#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

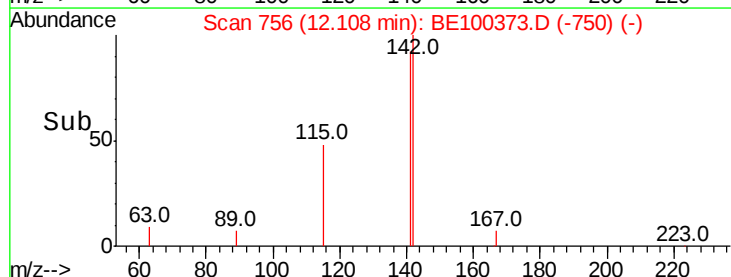
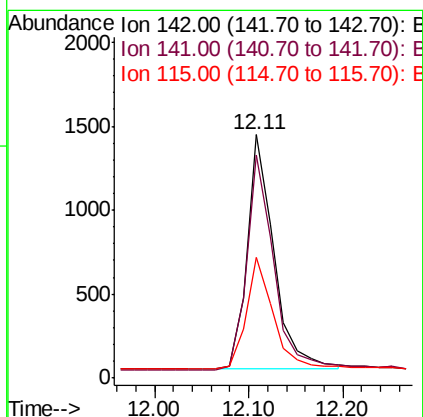
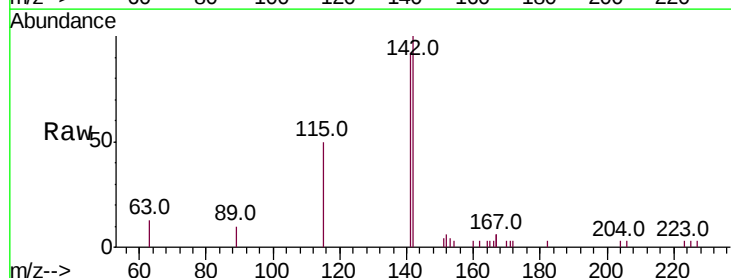
Instrument :
BNA_E
ClientSampleId :

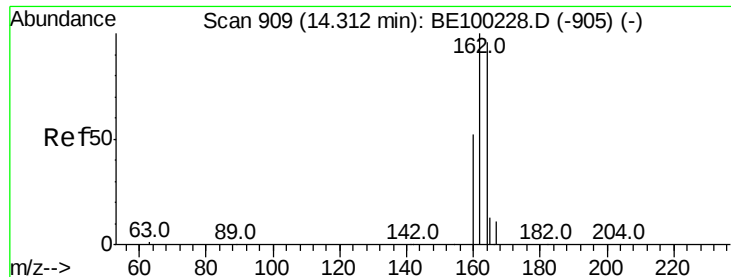
Tot Ion:152 Resp: 2928
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:142 Resp: 2772
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6
115 49.7 40.4 60.6

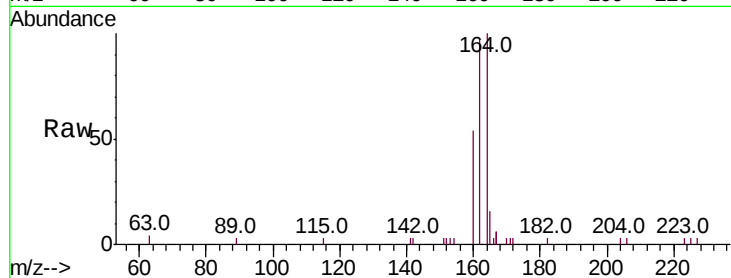




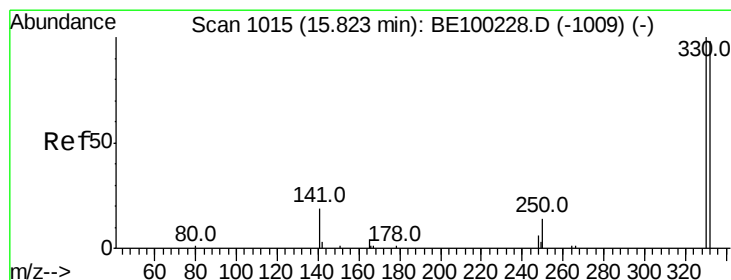
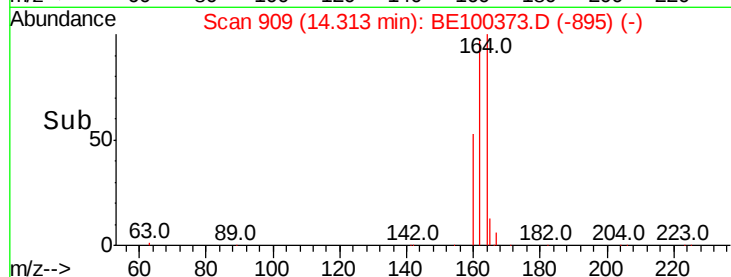
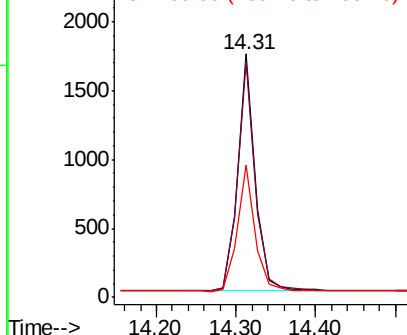
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2610
Ion Ratio Lower Upper
164 100
162 96.8 83.4 125.0
160 54.4 45.0 67.6

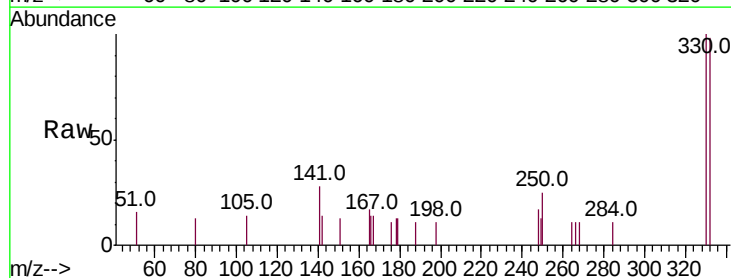


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

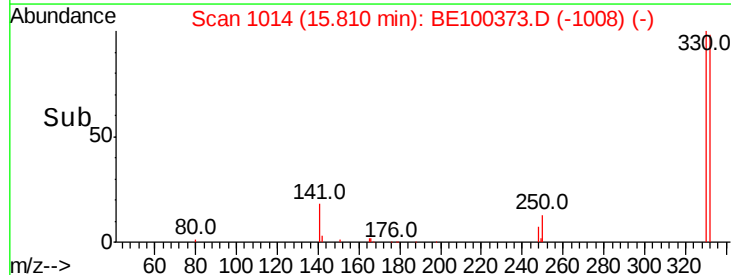
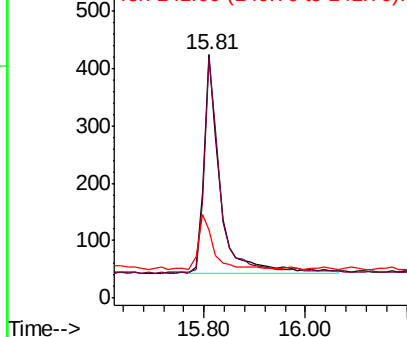


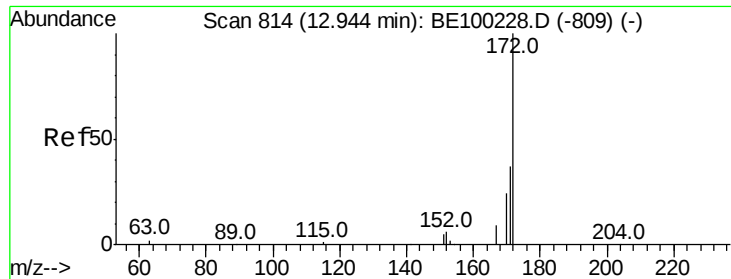
#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:330 Resp: 872
Ion Ratio Lower Upper
330 100
332 90.9 77.0 115.4
141 22.6 22.0 33.0



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

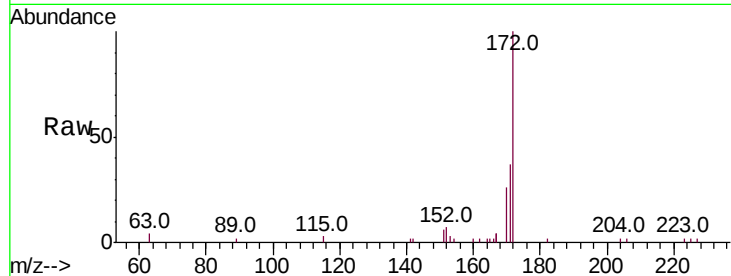




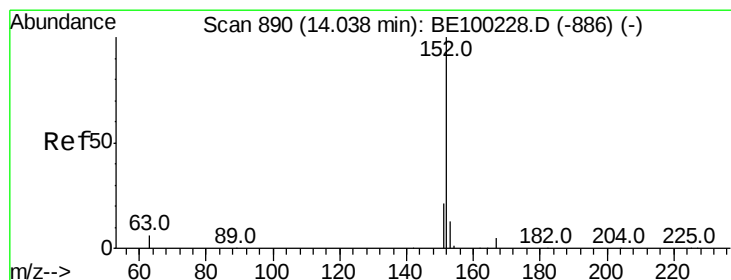
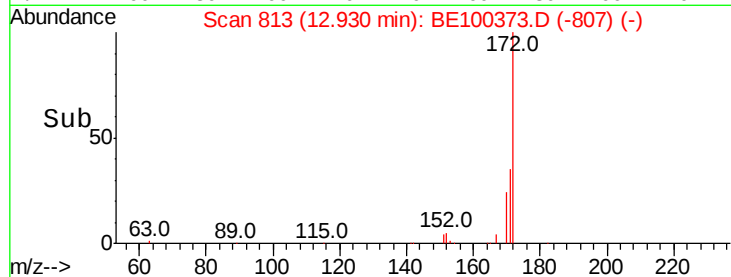
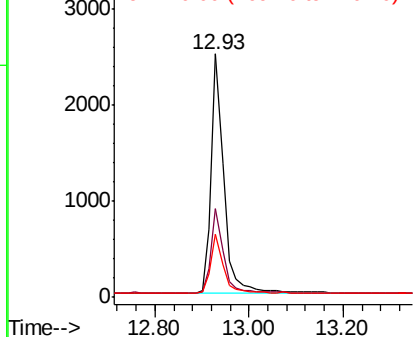
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4663
Ion Ratio Lower Upper
172 100
171 36.5 31.9 47.9
170 26.0 22.2 33.2

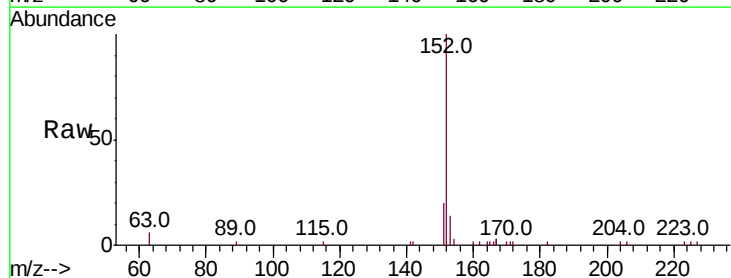


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

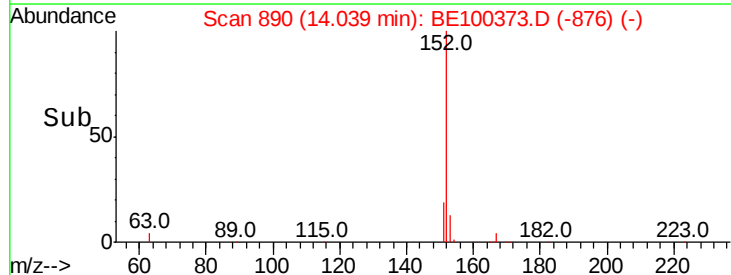
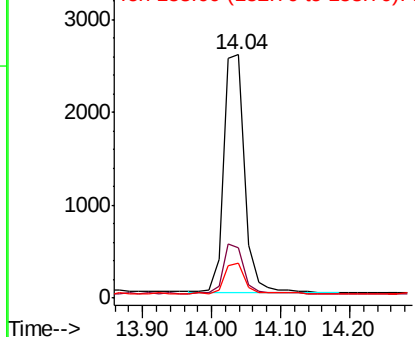


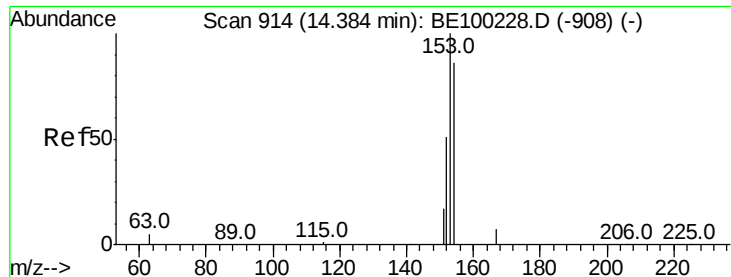
#16
Acenaphthylene
Concen: 0.430 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 12.8 10.5 15.7



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

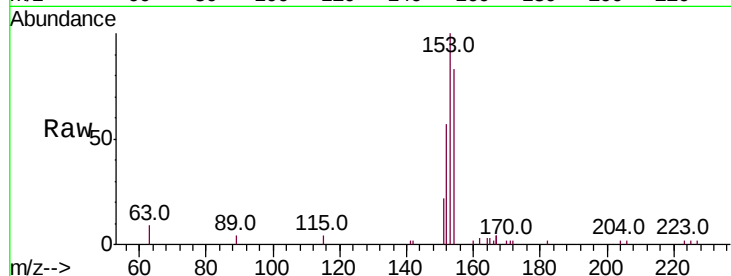




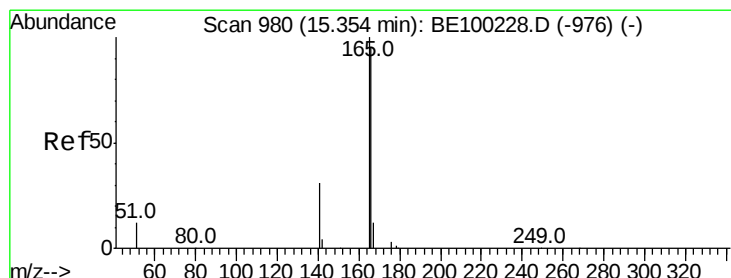
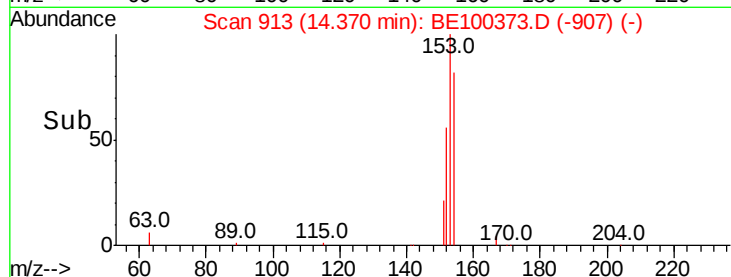
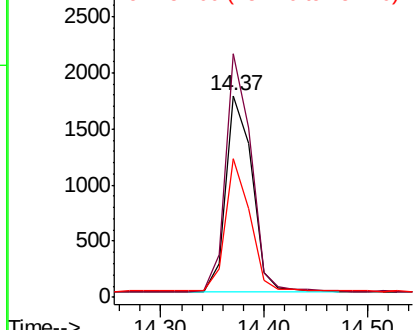
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3058
Ion Ratio Lower Upper
154 100
153 118.1 93.4 140.2
152 63.9 49.4 74.2

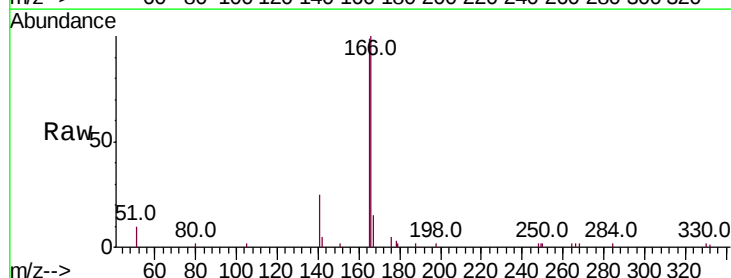


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

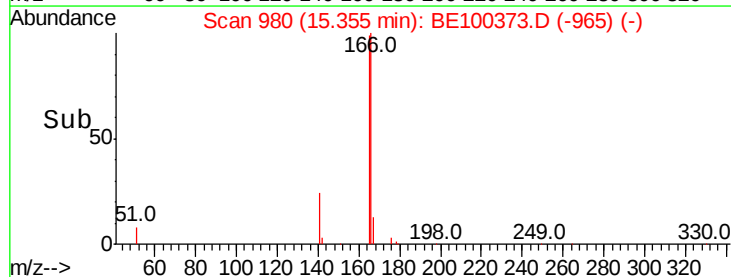
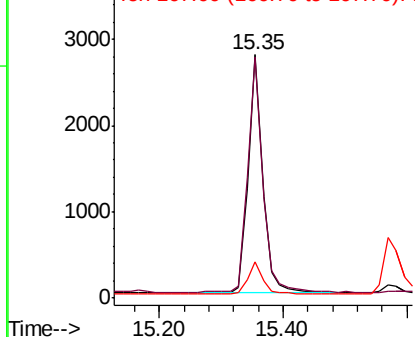


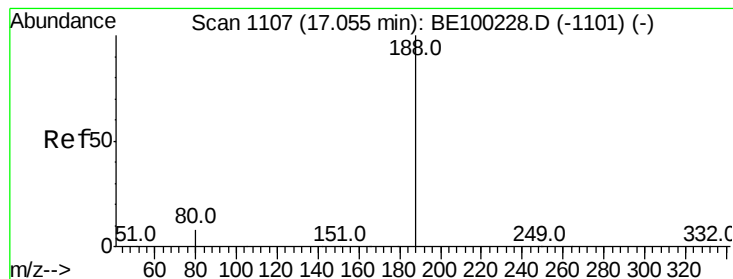
#18
Fluorene
Concen: 0.431 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:166 Resp: 4521
Ion Ratio Lower Upper
166 100
165 102.8 81.1 121.7
167 13.6 10.7 16.1



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: 17.05 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

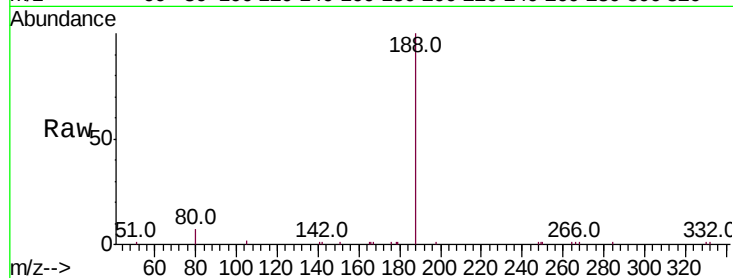
Tot Ion:188 Resp: 7783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

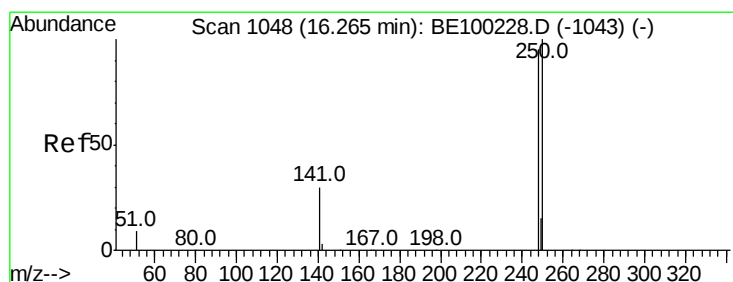
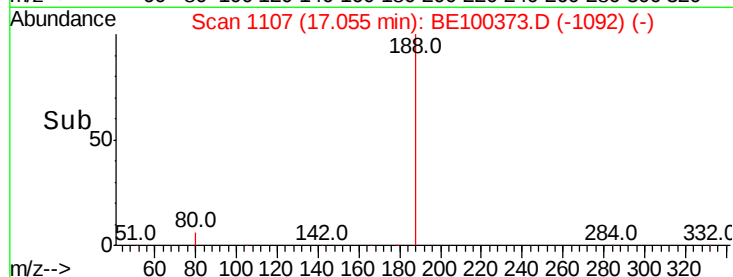
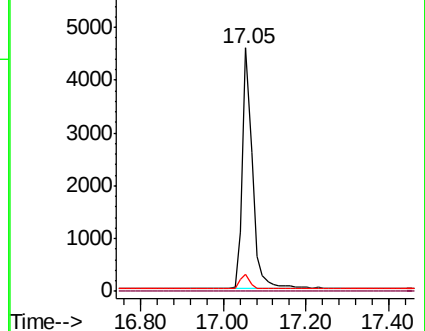
80 7.0 7.6 11.4#



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: 0.445 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

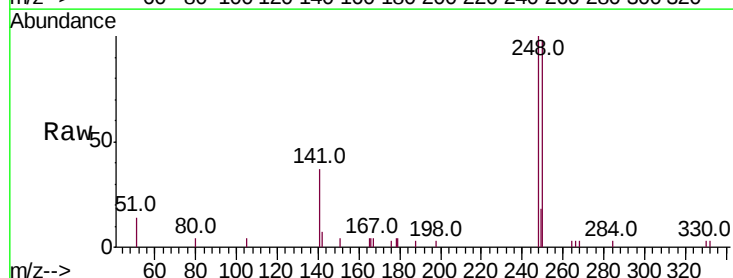
Tgt Ion:248 Resp: 2213

Ion Ratio Lower Upper

248 100

250 98.4 84.2 126.4

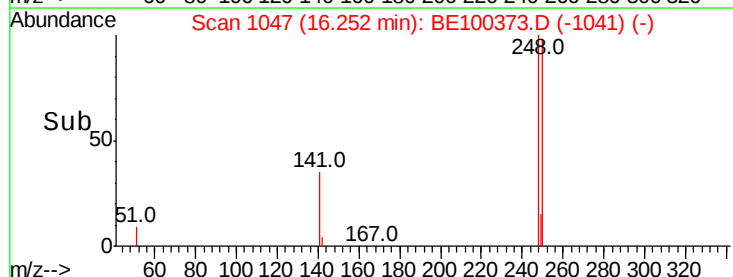
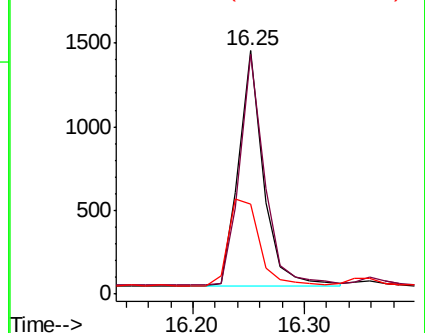
141 37.2 29.3 43.9

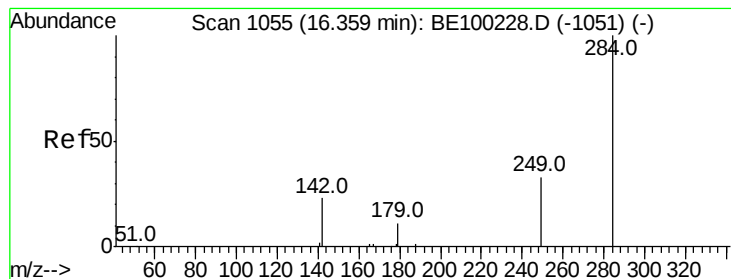


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.450 ng

RT: 16.36 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

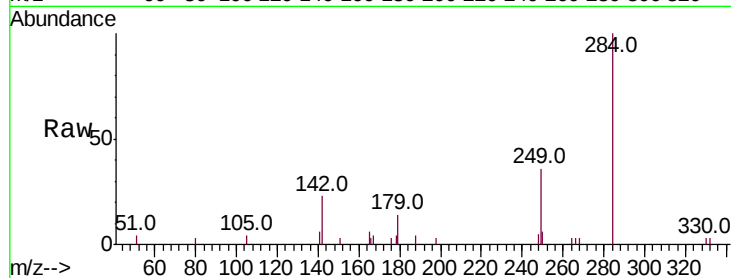
Instrument :

BNA_E

ClientSampleId :

Tot Ion:284 Resp: 2319

Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.8	28.2
249	31.7	23.7	35.5



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

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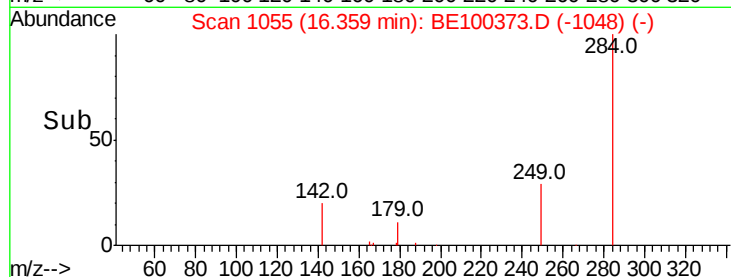
16.36

16.36

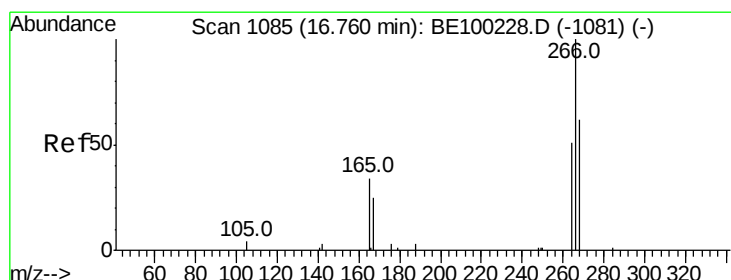
16.36

16.36

16.36



Time-->



#22

Pentachlorophenol

Concen: 0.459 ng

RT: 16.72 min Scan# 1082

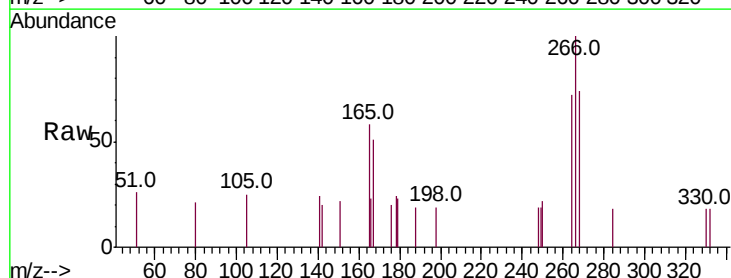
Delta R.T. -0.04 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Tgt Ion:266 Resp: 712

Ion	Ratio	Lower	Upper
266	100		
264	71.9	56.2	84.2
268	74.3	61.8	92.6



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

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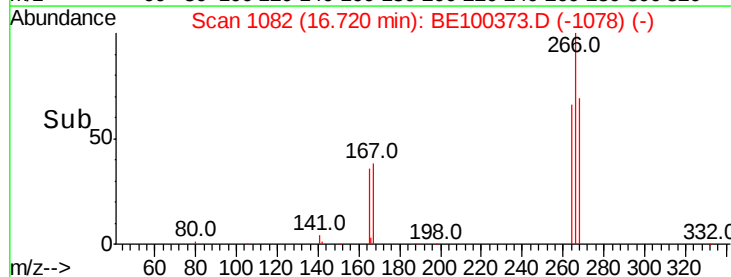
16.72

16.72

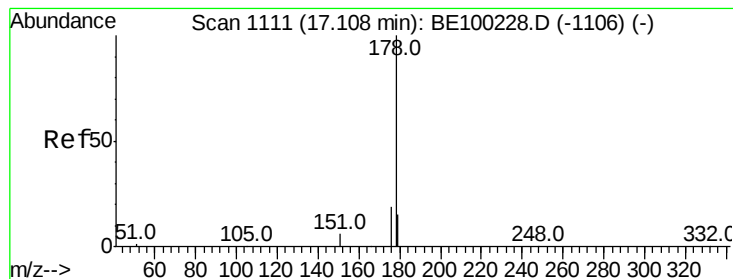
16.72

16.72

16.72



Time-->



#23

Phenanthrene

Concen: 0.423 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

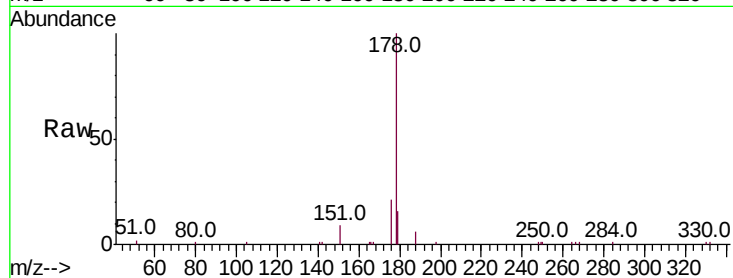
Tot Ion:178 Resp: 7974

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

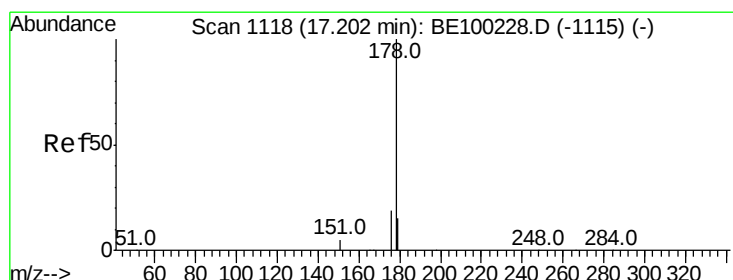
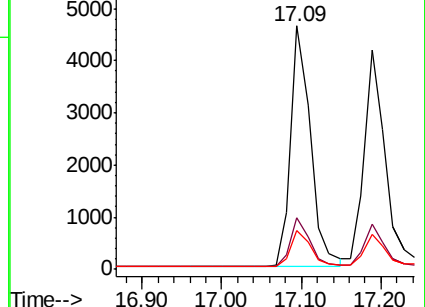
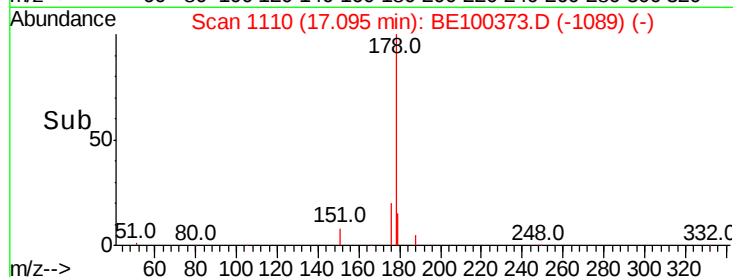
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.430 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

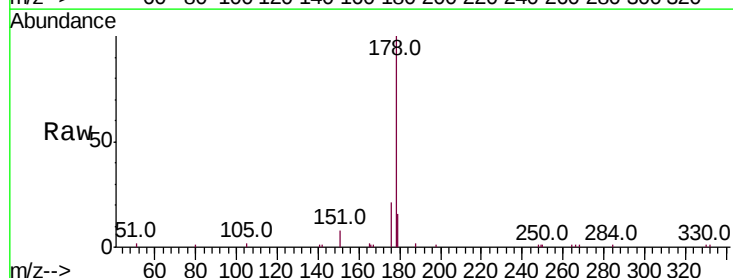
Tgt Ion:178 Resp: 7304

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

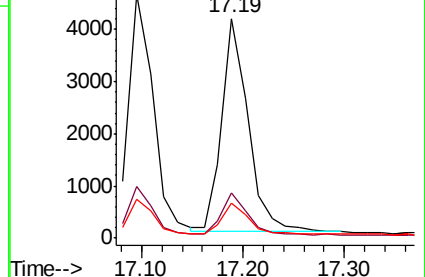
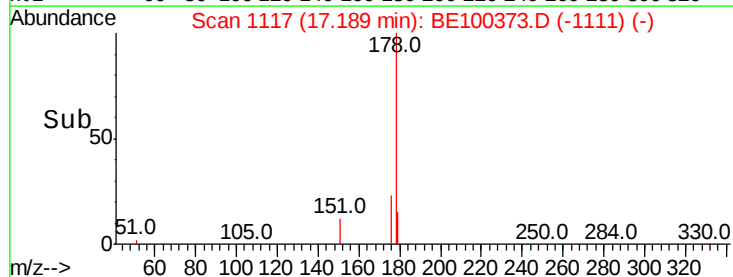
179 15.1 12.2 18.2

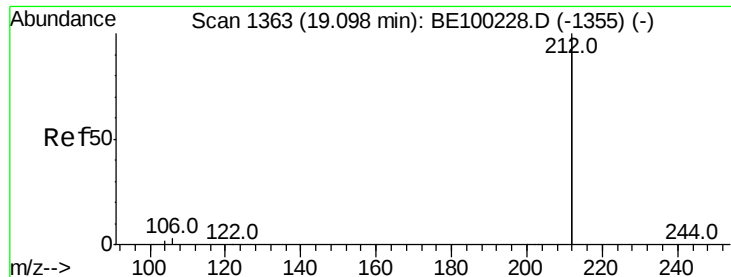


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100373.D

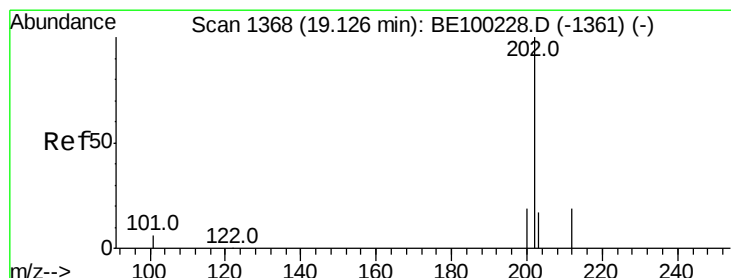
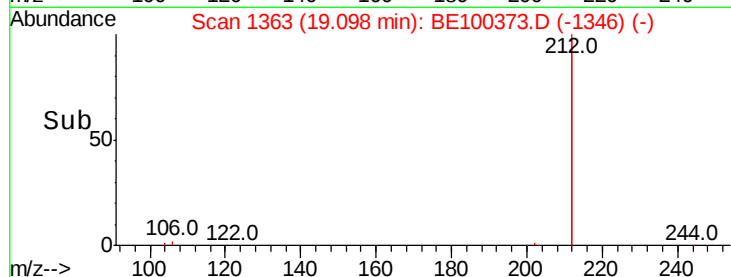
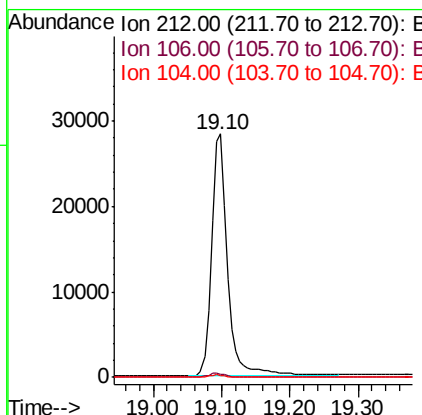
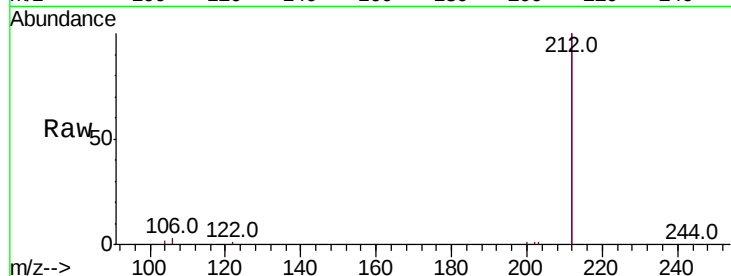
Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	46169
Ion Ratio	Lower	Upper
212	100	
106	1.5	1.3 1.9
104	0.9	0.8 1.2



#26

Fluoranthene

Concen: 0.412 ng

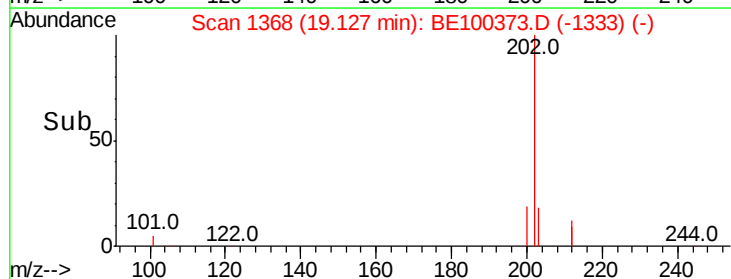
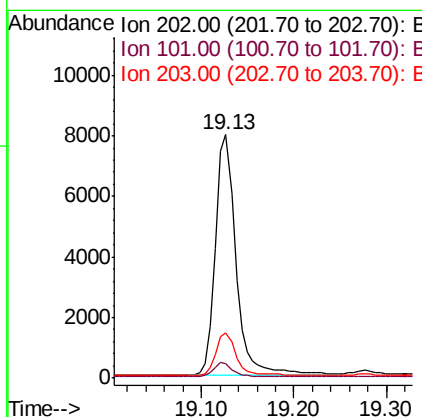
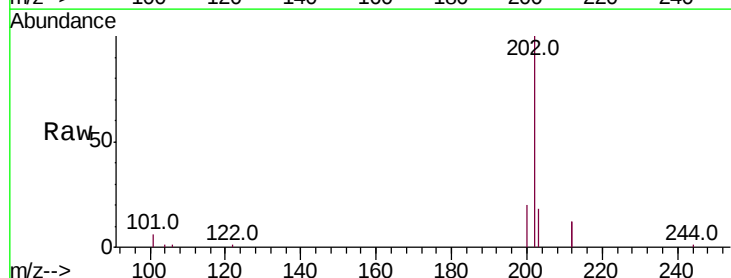
RT: 19.13 min Scan# 1368

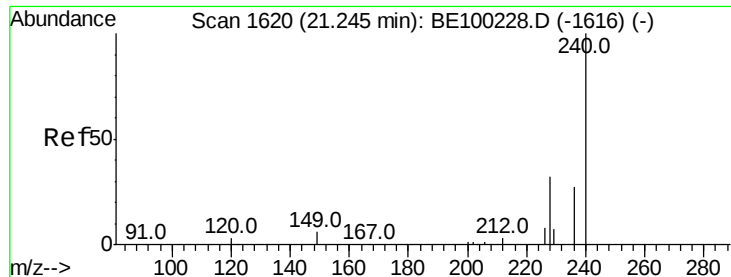
Delta R.T. 0.00 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Tgt Ion:202	Resp:	12366
Ion Ratio	Lower	Upper
202	100	
101	5.5	4.6 7.0
203	17.5	13.7 20.5

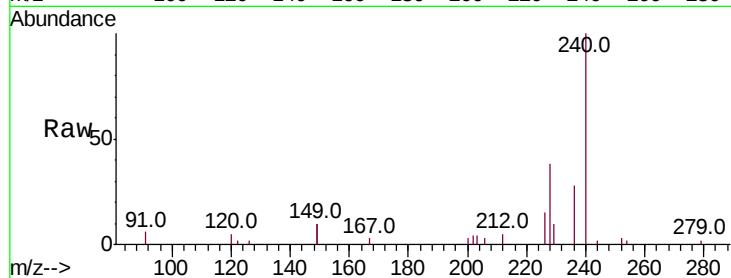




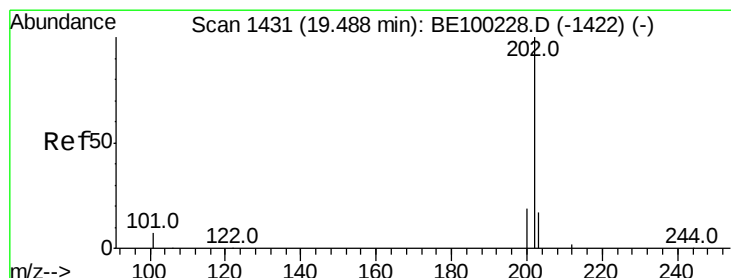
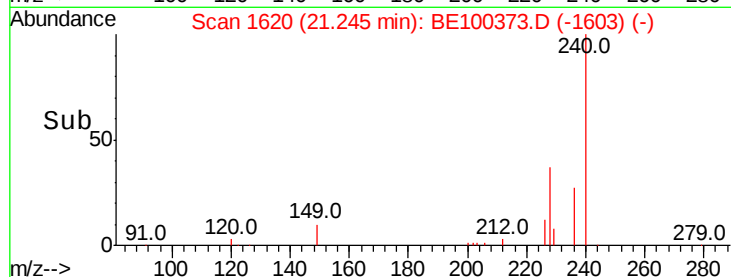
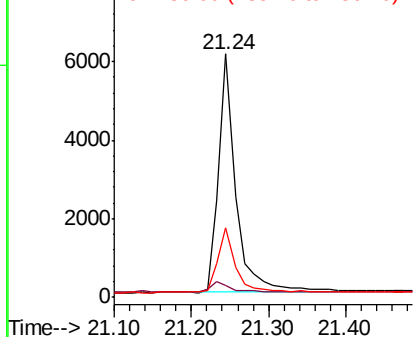
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100373.D
 Acq: 4 Jul 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 9621
 Ion Ratio Lower Upper
 240 100
 120 4.9 3.3 4.9
 236 28.3 22.6 34.0

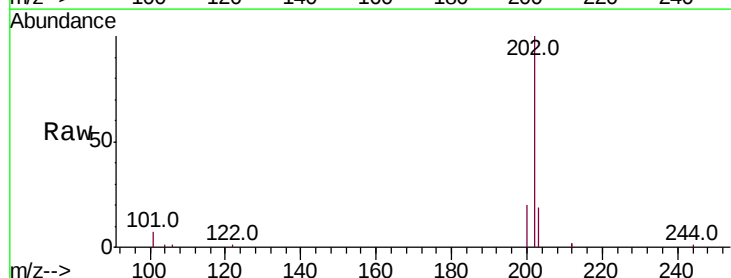


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

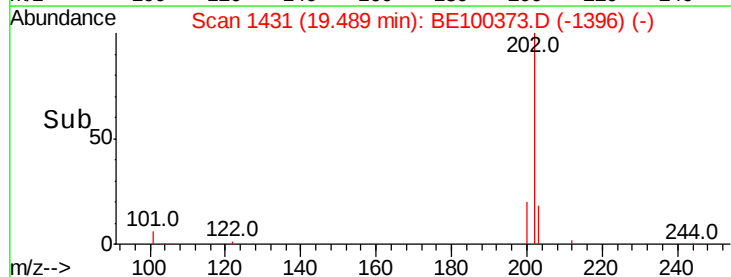
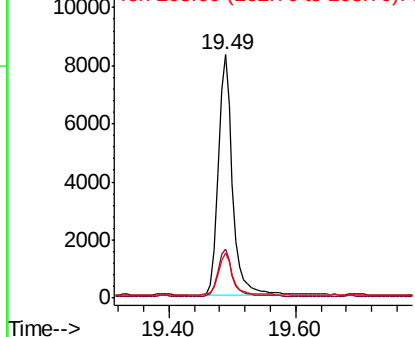


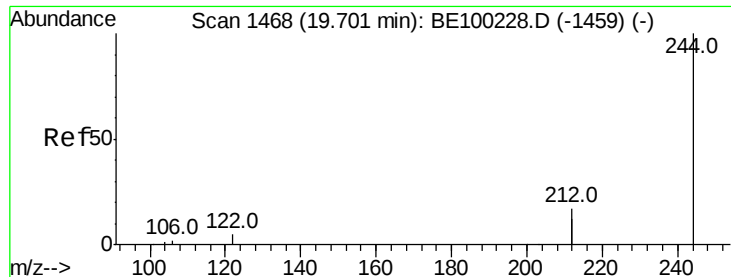
#28
 Pyrene
 Concen: 0.504 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100373.D
 Acq: 4 Jul 2019 18:57

Tgt Ion:202 Resp: 12848
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.6 23.4
 203 18.0 14.0 21.0



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: 0.483 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

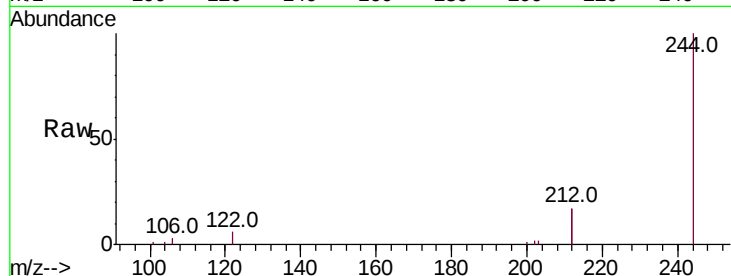
Tot Ion:244 Resp: 9630

Ion Ratio Lower Upper

244 100

212 33.3 27.3 40.9

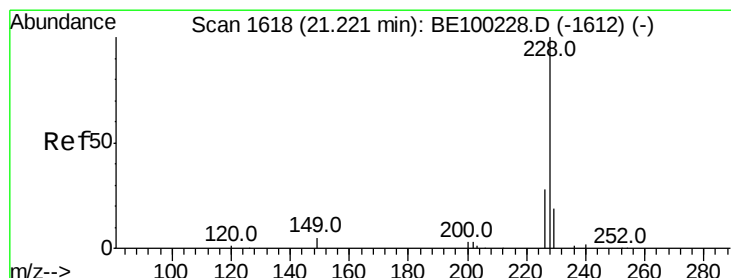
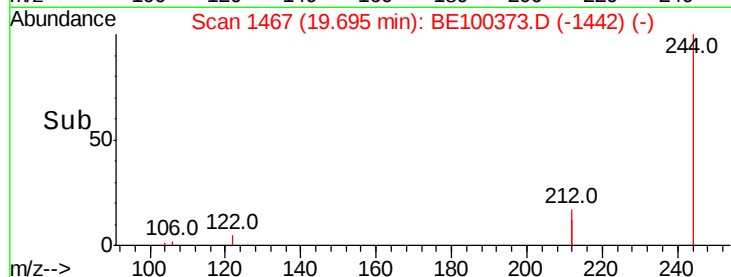
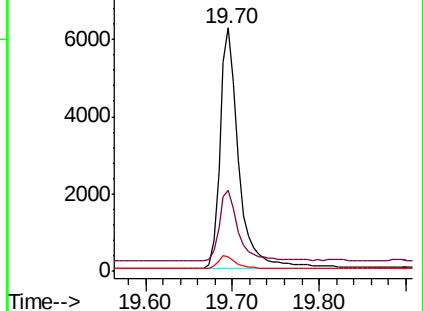
122 5.8 4.7 7.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

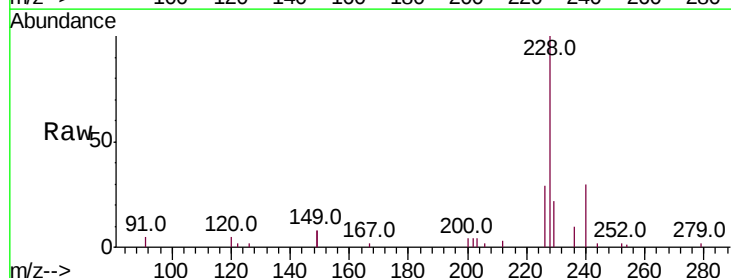
Tgt Ion:228 Resp: 13730

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

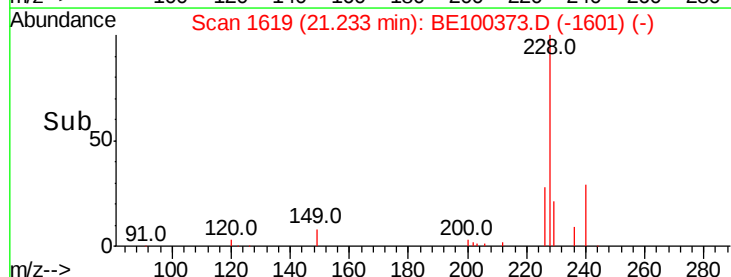
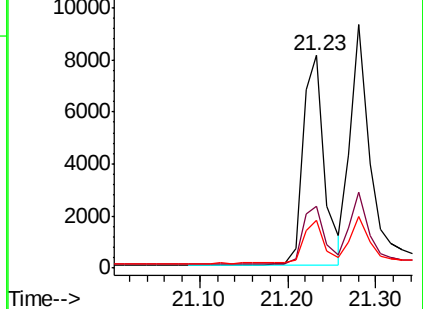
229 22.4 15.7 23.5

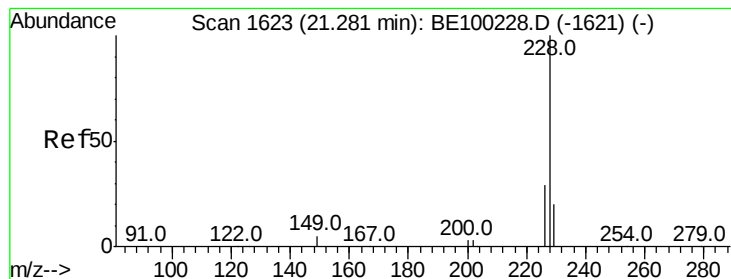


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

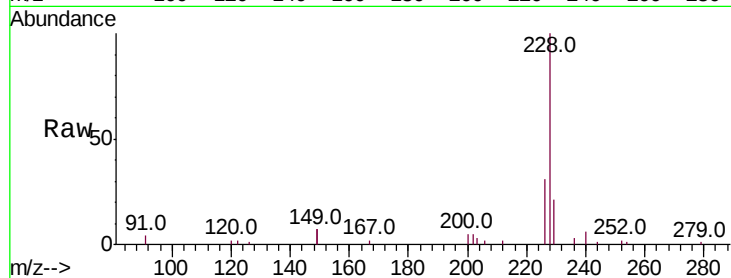
Tot Ion:228 Resp: 13676

Ion Ratio Lower Upper

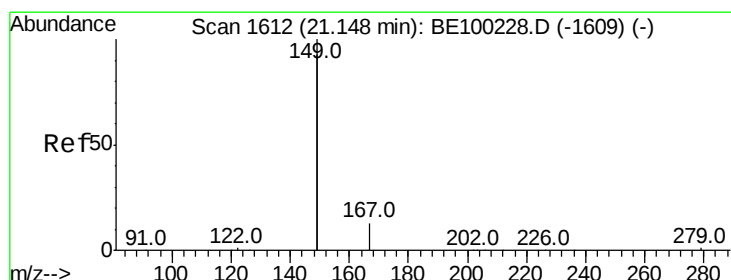
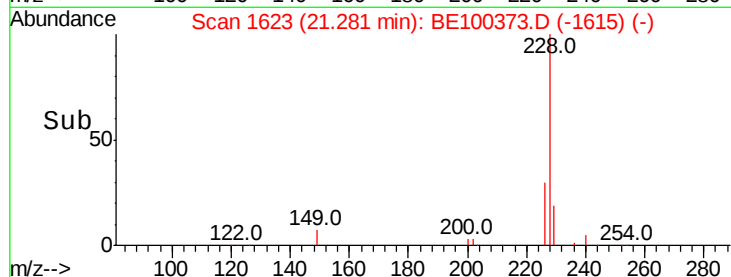
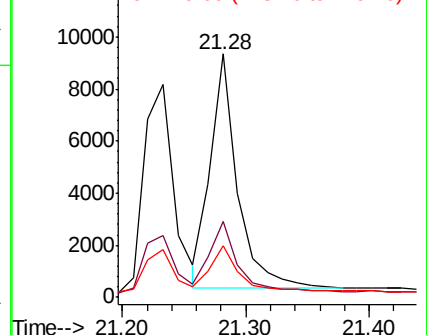
228 100

226 31.2 23.9 35.9

229 21.4 16.5 24.7



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: 0.469 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

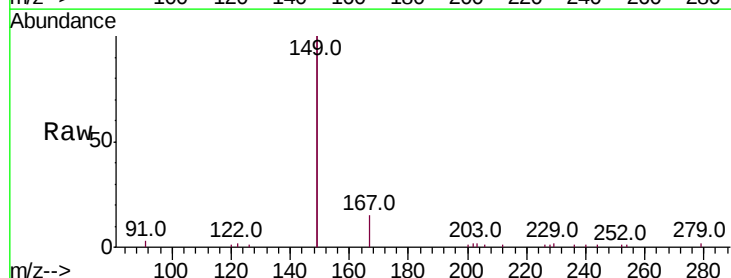
Tgt Ion:149 Resp: 23535

Ion Ratio Lower Upper

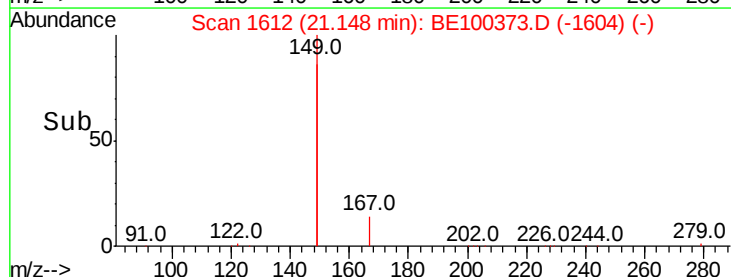
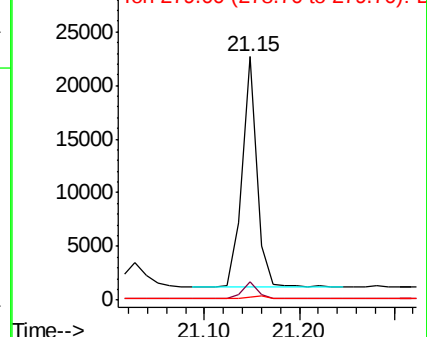
149 100

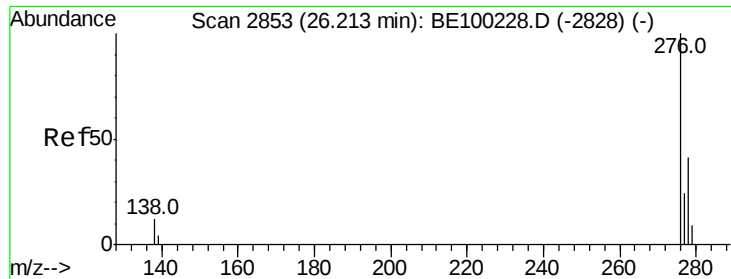
167 7.1 5.8 8.8

279 1.7 1.1 1.7#



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

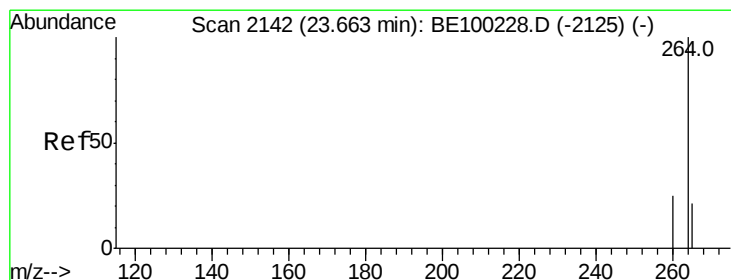
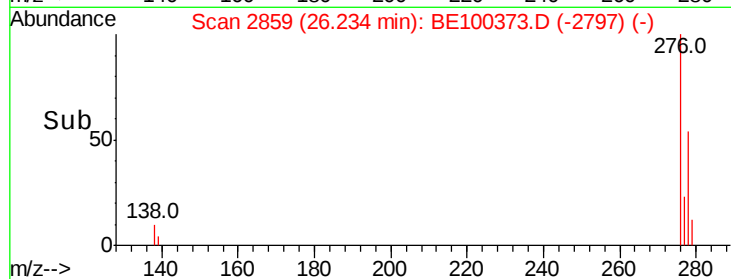
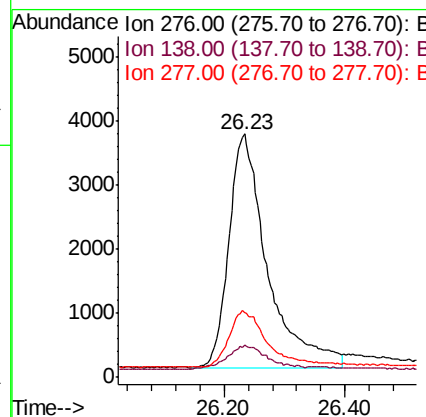
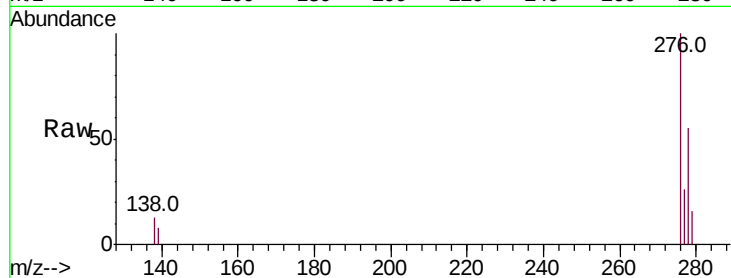




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng
 RT: 26.23 min Scan# 2859
 Delta R.T. 0.02 min
 Lab File: BE100373.D
 Acq: 4 Jul 2019 18:57

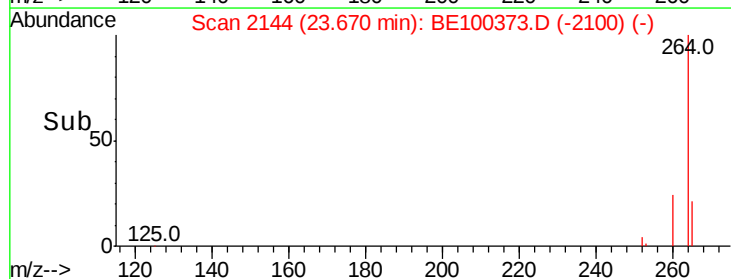
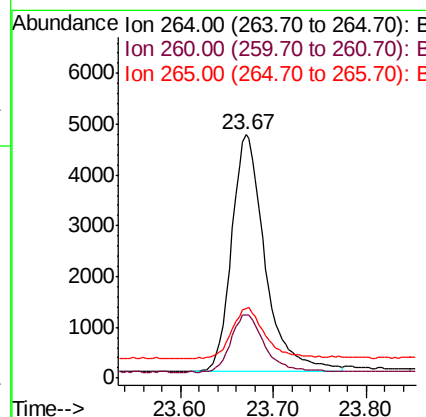
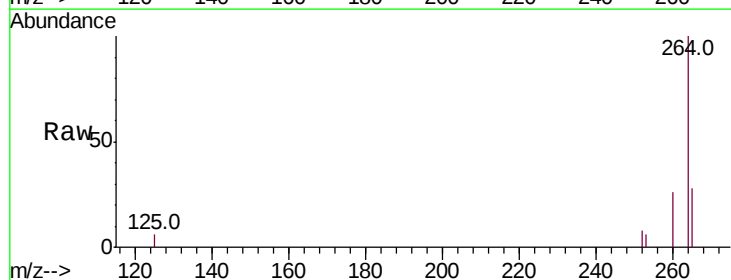
Instrument :
 BNA_E
 ClientSampleId :

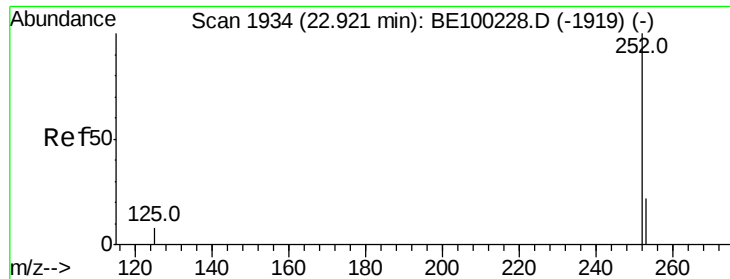
Tot Ion:276 Resp: 16111
 Ion Ratio Lower Upper
 276 100
 138 10.9 9.4 14.0
 277 24.5 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: BE100373.D
 Acq: 4 Jul 2019 18:57

Tgt Ion:264 Resp: 11673
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.8 31.2
 265 28.3 21.8 32.6

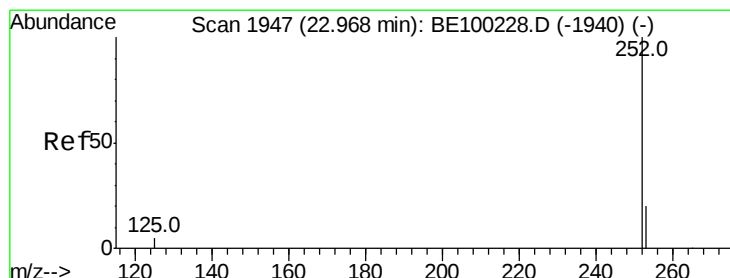
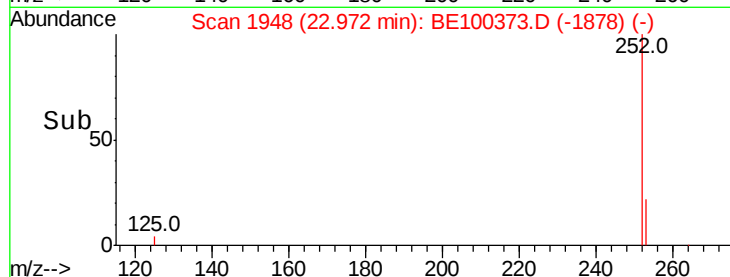
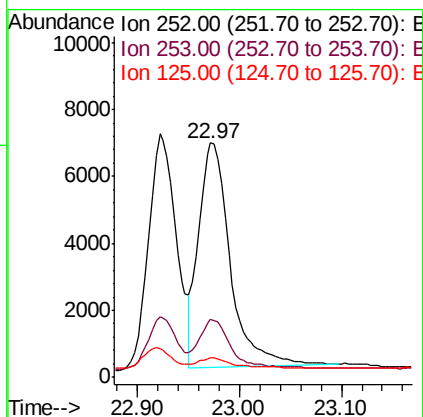
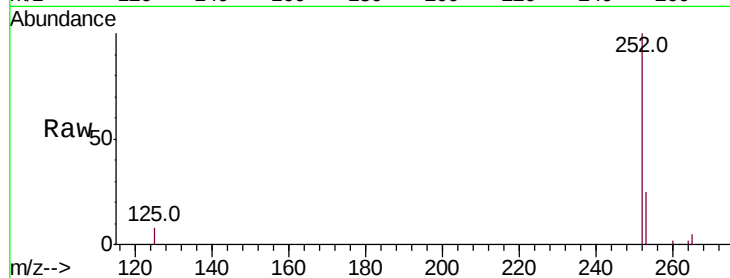




#35
Benzo(b)fluoranthene
Concen: 0.458 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.05 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

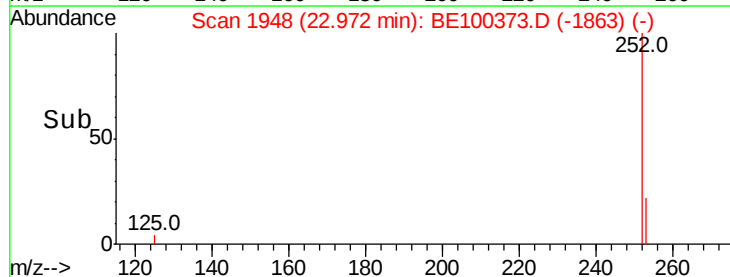
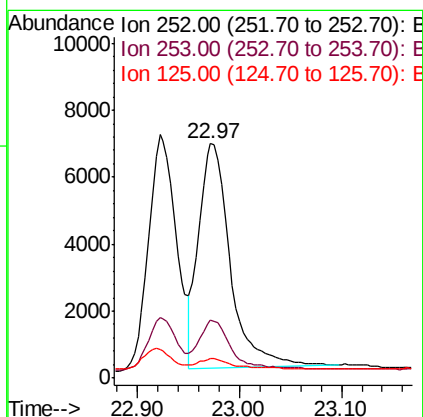
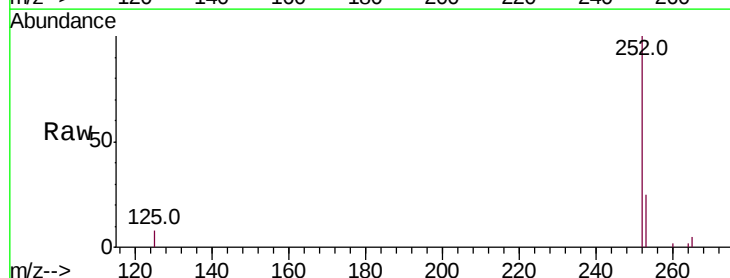
Instrument :
BNA_E
ClientSampleId :

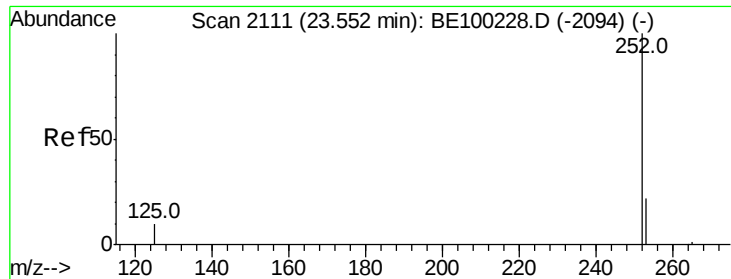
Tot Ion:252 Resp: 14504
Ion Ratio Lower Upper
252 100
253 24.6 19.2 28.8
125 8.3 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100373.D
Acq: 4 Jul 2019 18:57

Tgt Ion:252 Resp: 14504
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 8.3 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.427 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :

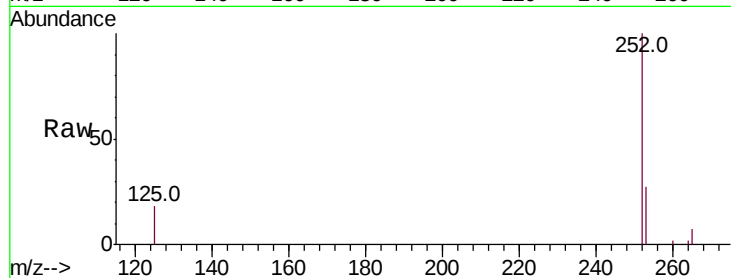
Tot Ion:252 Resp: 13530

Ion Ratio Lower Upper

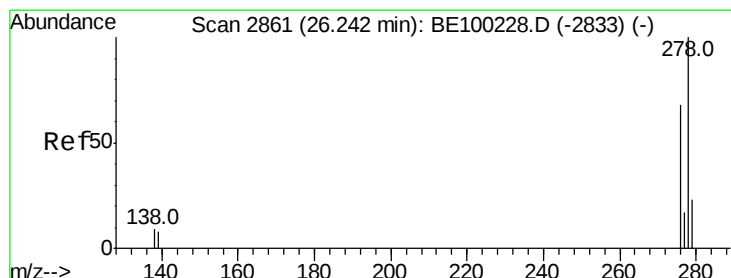
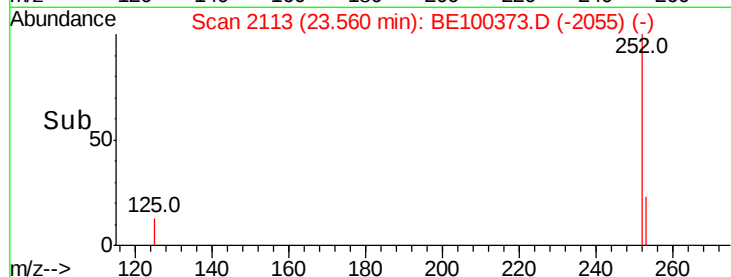
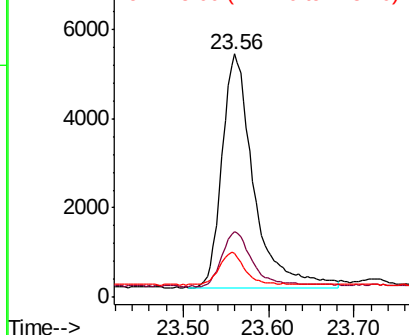
252 100

253 27.2 19.6 29.4

125 17.9 9.0 13.6#



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: 0.388 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

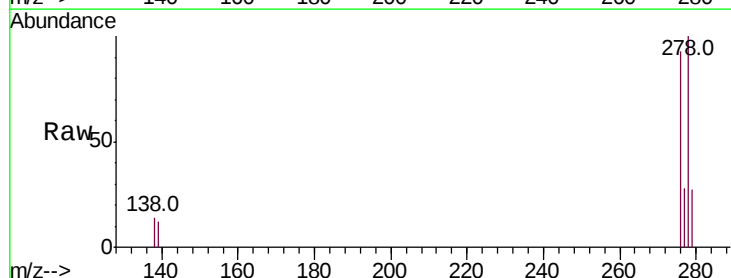
Tgt Ion:278 Resp: 12862

Ion Ratio Lower Upper

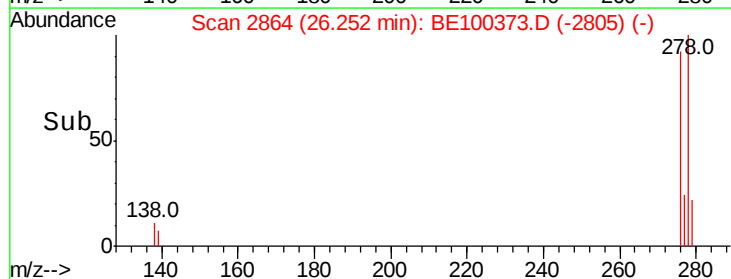
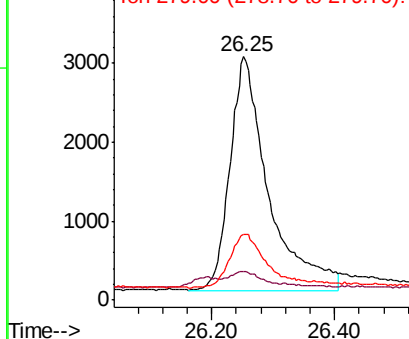
278 100

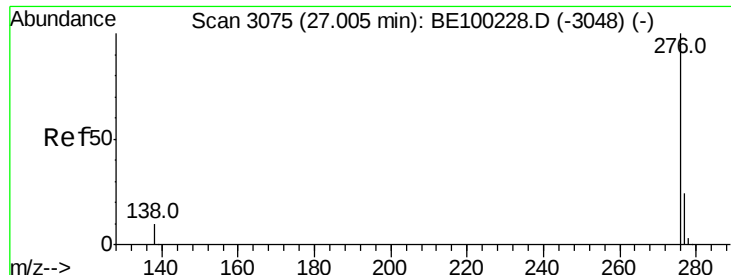
139 11.7 8.2 12.2

279 27.0 20.3 30.5



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: 0.395 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

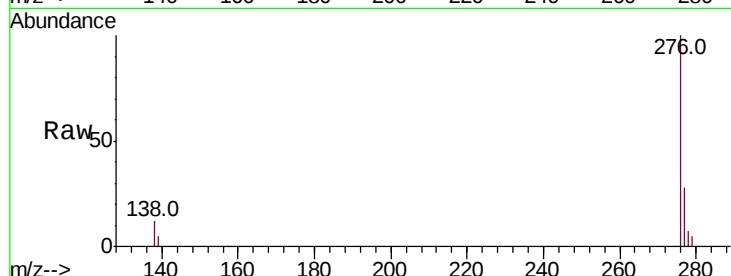
Lab File: BE100373.D

Acq: 4 Jul 2019 18:57

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 13439

Ion Ratio Lower Upper

276 100

277 27.7 20.2 30.2

138 12.3 9.0 13.6

