

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100246.D
 Acq On : 28 Jun 2019 22:03
 Operator : JU/SJ
 Sample : K3445-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-029-SW170-061719

Quant Time: Jun 29 00:02:34 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	7.64	152	754	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2679	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2095	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6263	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8361	0.40	ng	0.00
34) Perylene-d12	23.67	264	9849	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	536	0.28	ng	0.00
5) Phenol-d6	6.83	99	711	0.28	ng	-0.01
8) Nitrobenzene-d5	8.81	82	721	0.27	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1885	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	439	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	2125	0.26	ng	0.00
25) Fluoranthene-d10	19.09	212	31745	0.35	ng	0.00
29) Terphenyl-d14	19.70	244	4510	0.26	ng	0.00

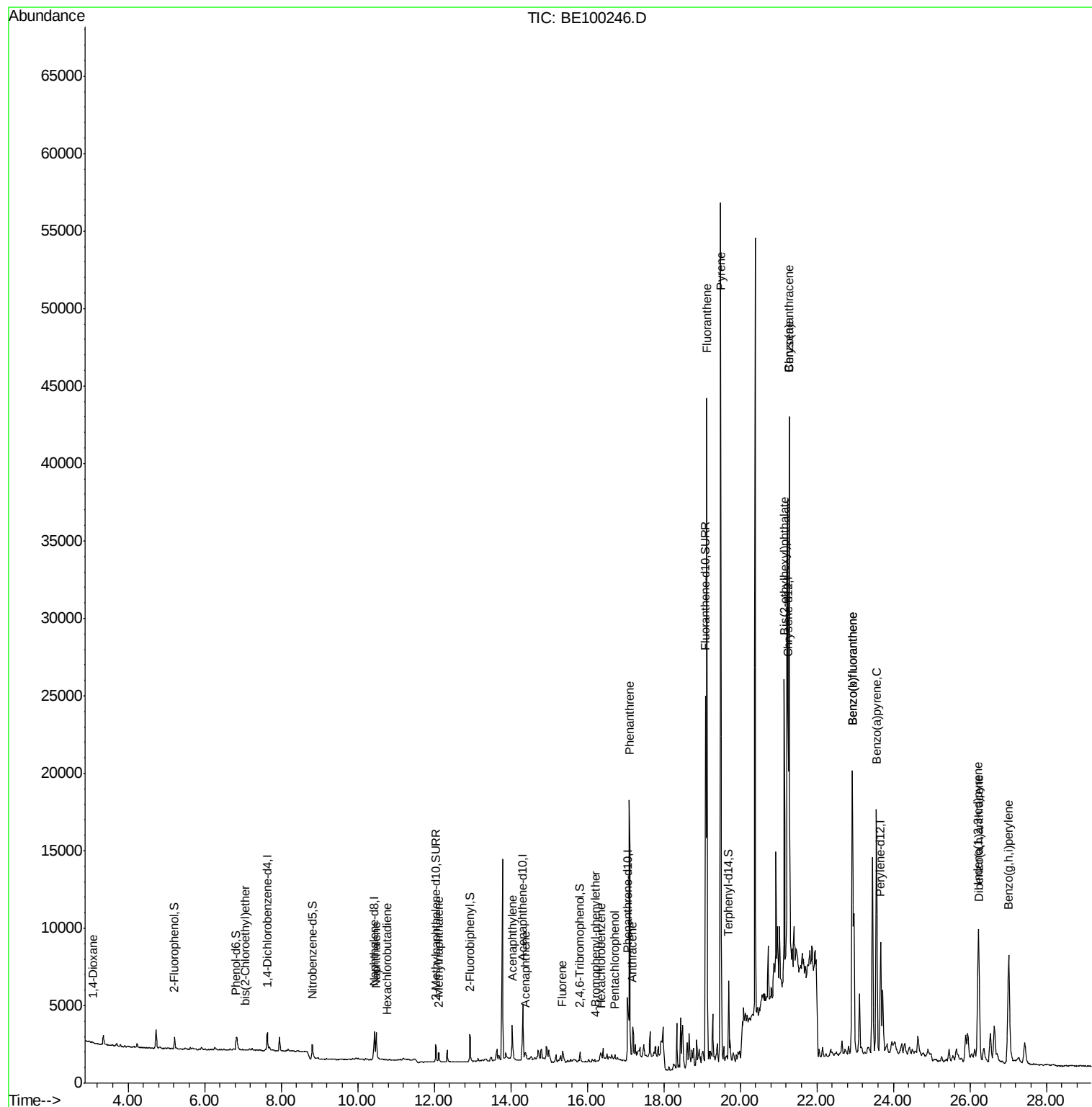
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	44	0.038	ng	# 77
6) bis(2-Chloroethyl)ether	7.06	93	13	0.006	ng	# 49
9) Naphthalene	10.48	128	3140	0.106	ng	# 96
10) Hexachlorobutadiene	10.77	225	3	0.001	ng	# 57
12) 2-Methylnaphthalene	12.12	142	539	0.104	ng	96
16) Acenaphthylene	14.04	152	3348	0.333	ng	95
17) Acenaphthene	14.39	154	286	0.050	ng	# 87
18) Fluorene	15.35	166	870	0.103	ng	# 82
20) 4-Bromophenyl-phenylether	16.22	248	4	0.001	ng	# 56
21) Hexachlorobenzene	16.36	284	5	0.001	ng	# 27
22) Pentachlorophenol	16.72	266	8	0.006	ng	# 72
23) Phenanthrene	17.09	178	19934	1.313	ng	99
24) Anthracene	17.19	178	2617	0.191	ng	# 95
26) Fluoranthene	19.13	202	40341	1.668	ng	99
28) Pyrene	19.49	202	50064	2.262	ng	96
30) Benzo(a)anthracene	21.28	228	33725	1.227	ng	94
31) Chrysene	21.28	228	33405	1.210	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	21103	0.486	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	17171	0.470	ng	97
35) Benzo(b)fluoranthene	22.93	252	34262	1.283	ng	98
36) Benzo(k)fluoranthene	22.93	252	34262	1.149	ng	# 95
37) Benzo(a)pyrene	23.56	252	24890	0.930	ng	# 97
38) Dibenzo(a,h)anthracene	26.24	278	4903	0.175	ng	# 72
39) Benzo(g,h,i)perylene	27.01	276	18839	0.656	ng	97

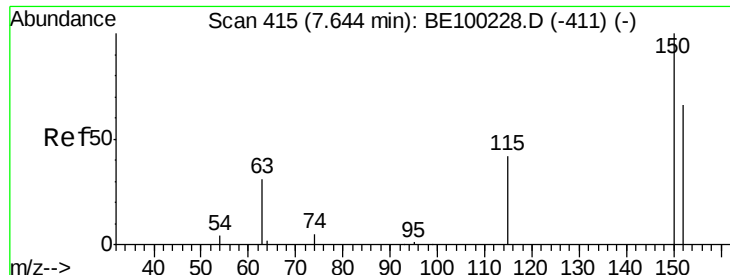
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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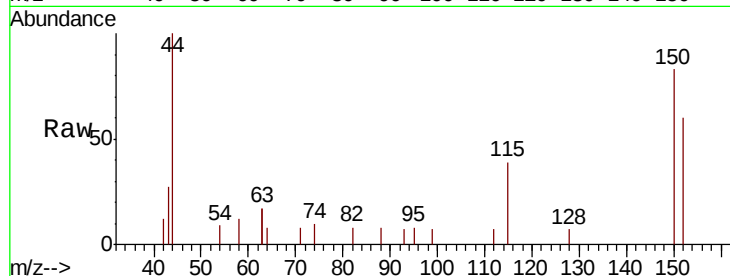


#1

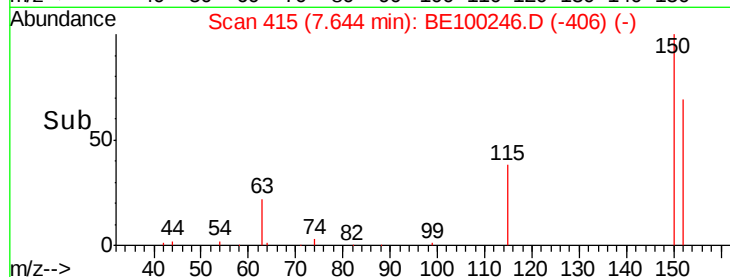
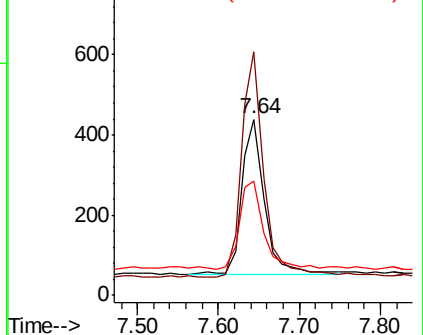
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

Tgt Ion: 152 Resp: 754
Ion Ratio Lower Upper
152 100
150 138.0 114.5 171.7
115 64.5 57.1 85.7



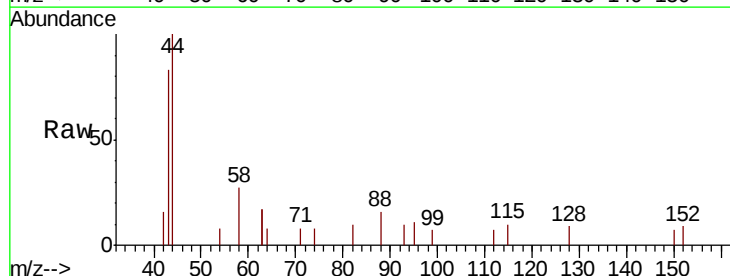
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



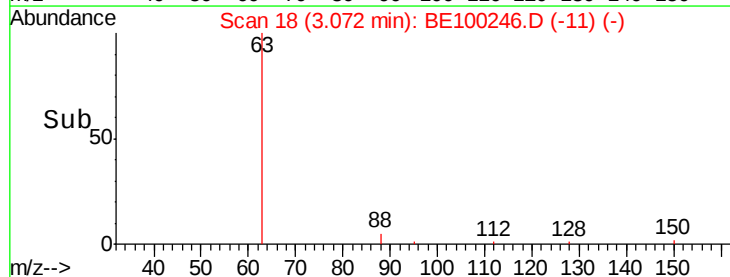
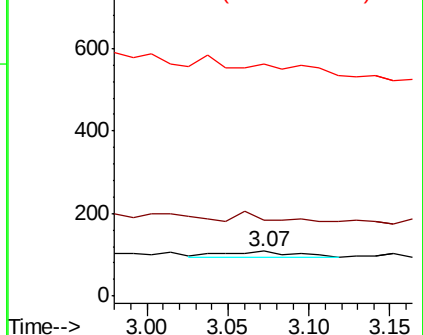
#2

1,4-Dioxane
Concen: 0.038 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
58 47.7 43.6 65.4
43 0.0 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





#4

2-Fluorophenol

Concen: 0.279 ng

RT: 5.21 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

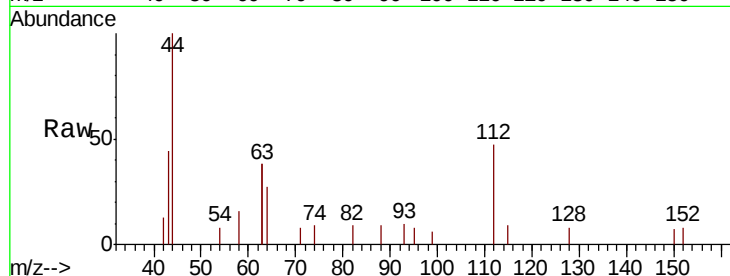
Tgt Ion: 112 Resp: 536

Ion Ratio Lower Upper

112 100

64 58.2 39.4 59.0

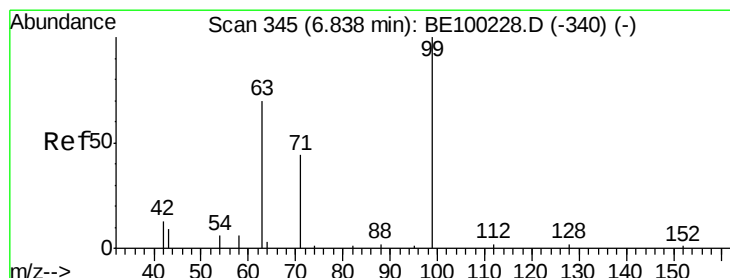
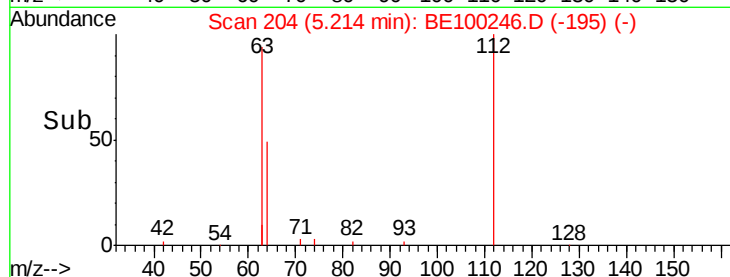
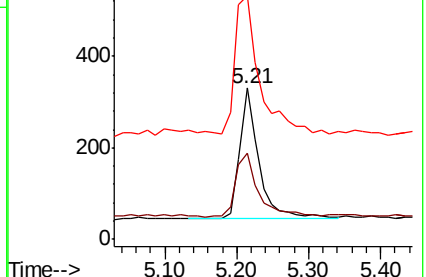
63 133.0 104.5 156.7



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: 0.281 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

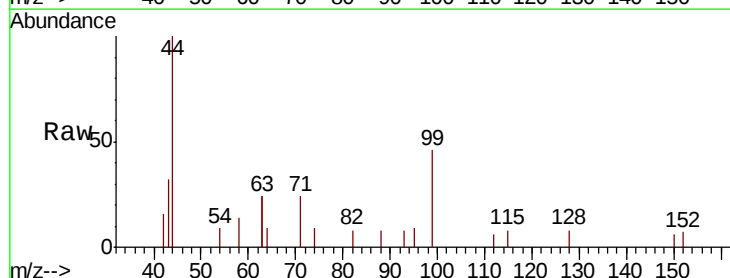
Tgt Ion: 99 Resp: 711

Ion Ratio Lower Upper

99 100

42 19.0 11.2 16.8#

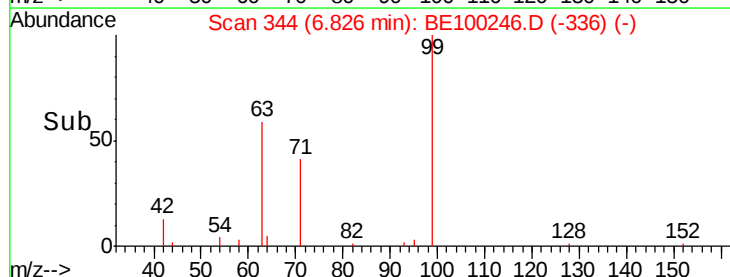
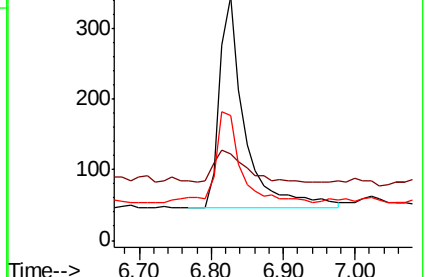
71 42.1 37.2 55.8

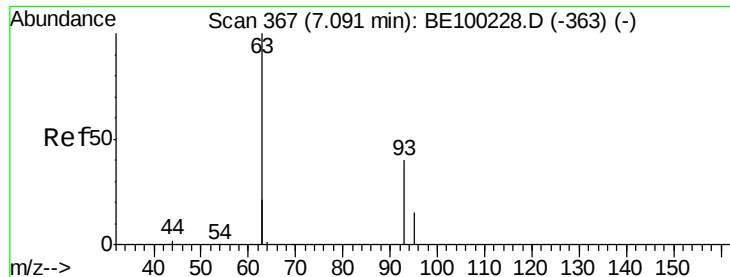


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

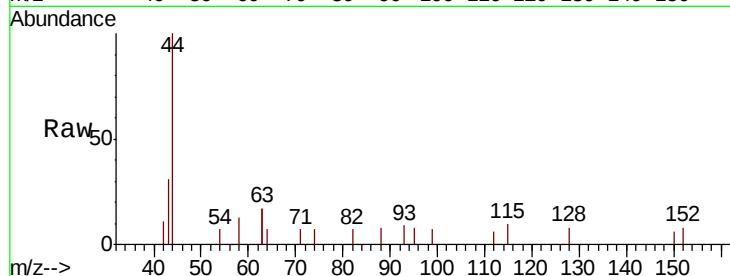
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 269.2 155.6 233.4#

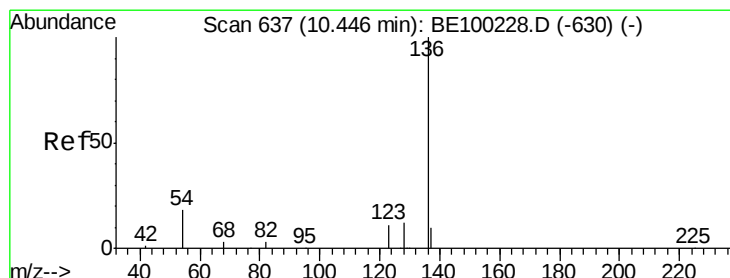
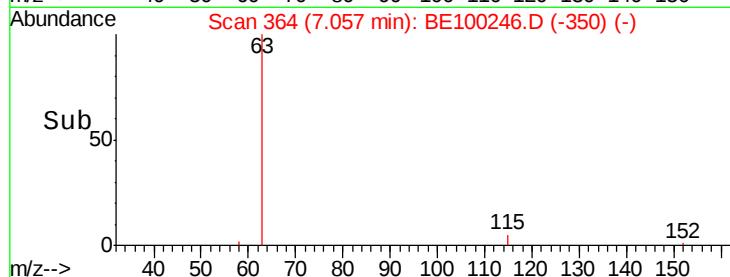
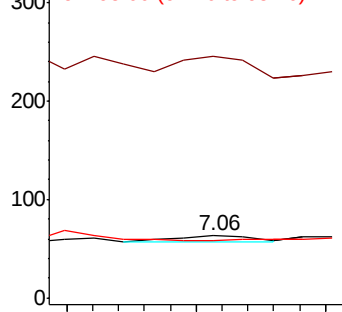
95 0.0 23.0 34.4#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Tgt Ion: 136 Resp: 2679

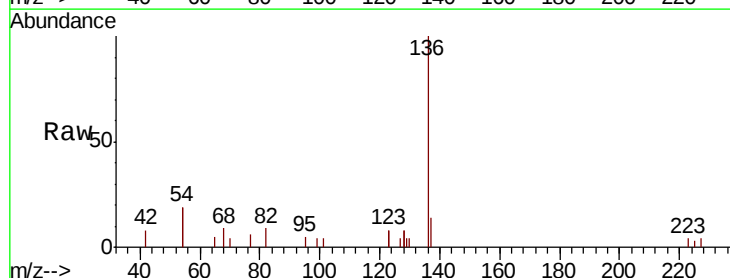
Ion Ratio Lower Upper

136 100

137 14.0 11.8 17.8

54 37.8 27.7 41.5

68 9.4 6.8 10.2

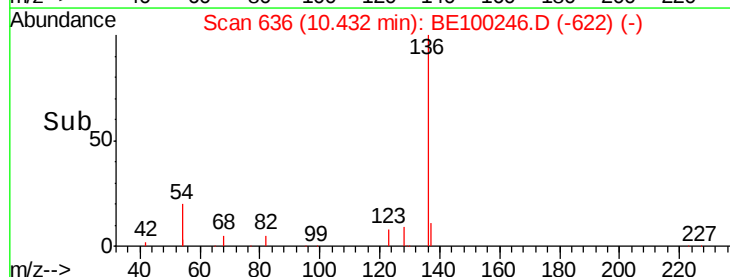
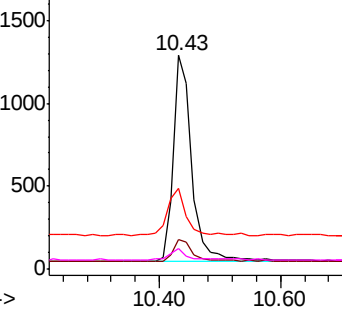


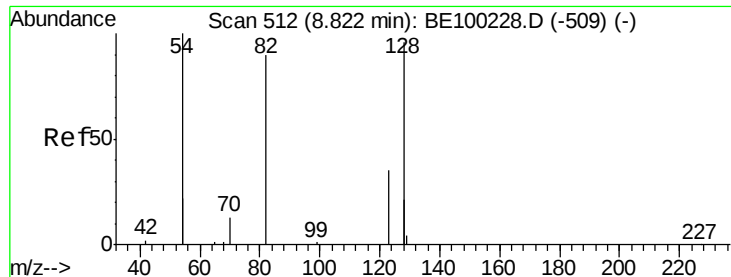
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.271 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

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ClientSampleId :

EXT-029-SW170-061719

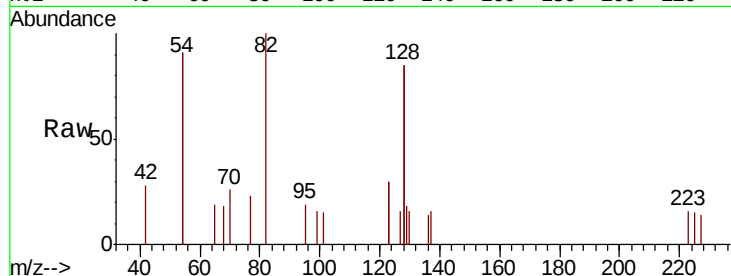
Tgt Ion: 82 Resp: 721

Ion Ratio Lower Upper

82 100

128 170.3 140.9 211.3

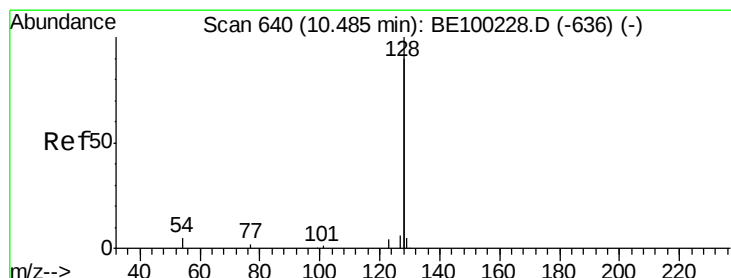
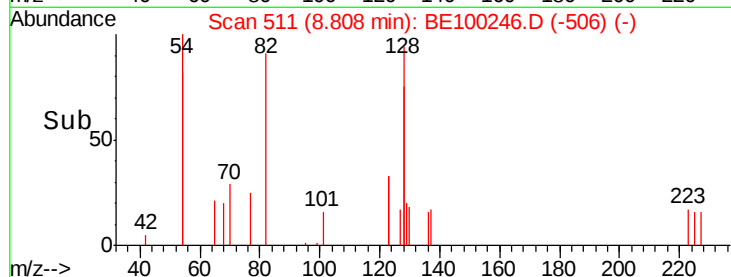
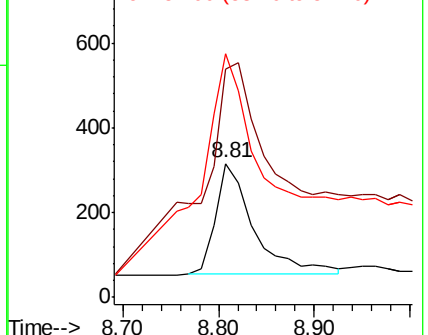
54 181.6 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.106 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

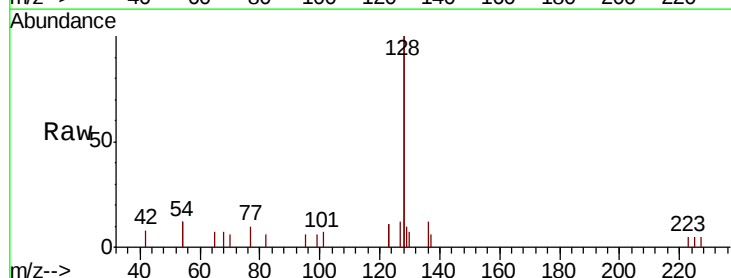
Tgt Ion: 128 Resp: 3140

Ion Ratio Lower Upper

128 100

129 5.2 3.0 4.6#

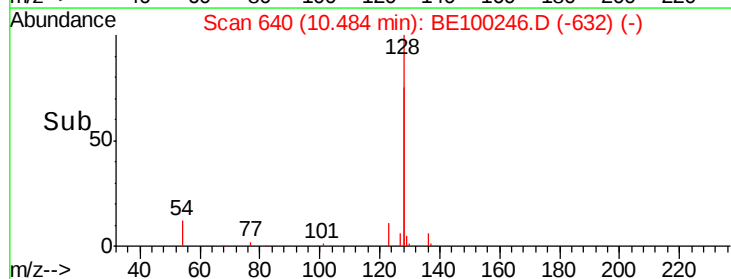
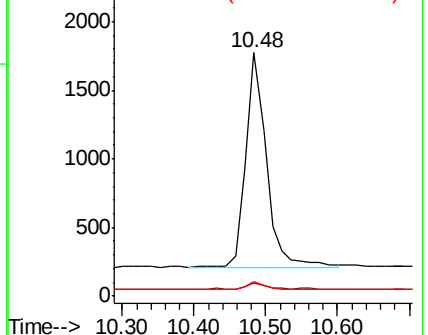
127 5.8 3.5 5.3#

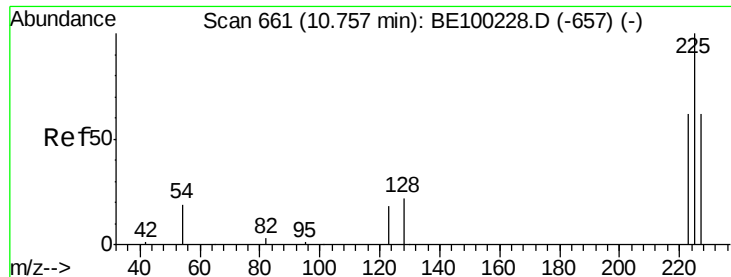


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

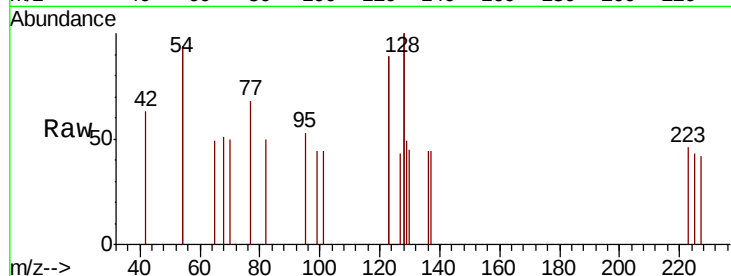




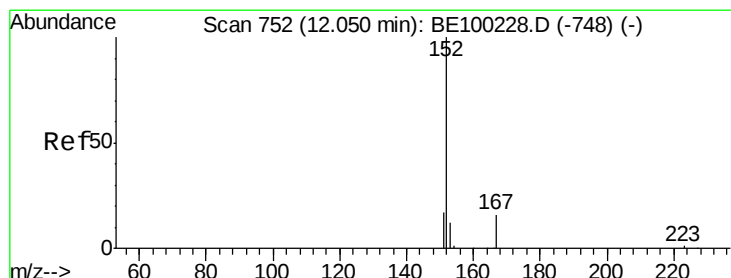
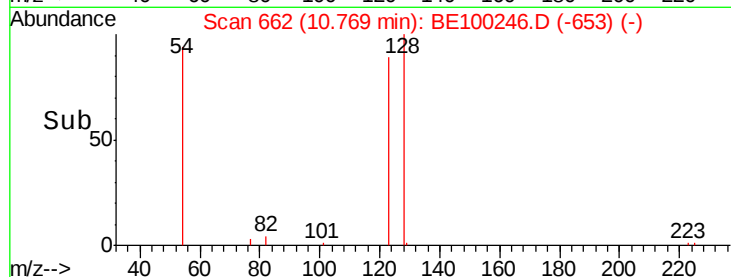
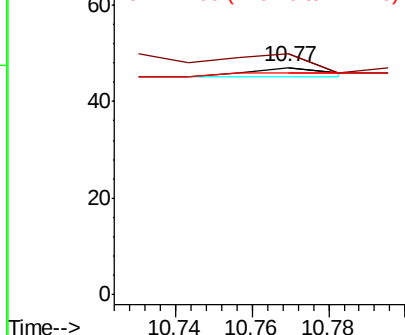
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.77 min Scan# 662
Delta R.T. 0.01 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Instrument :
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Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 49.1 73.7#
227 66.7 49.3 73.9

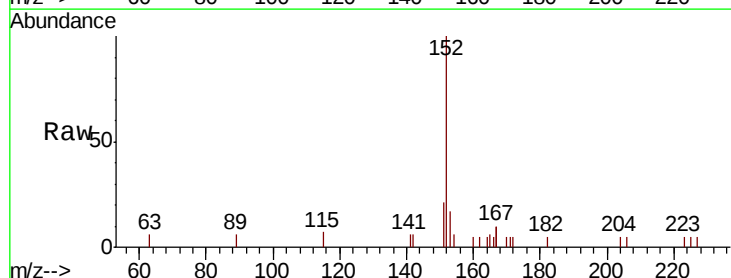


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

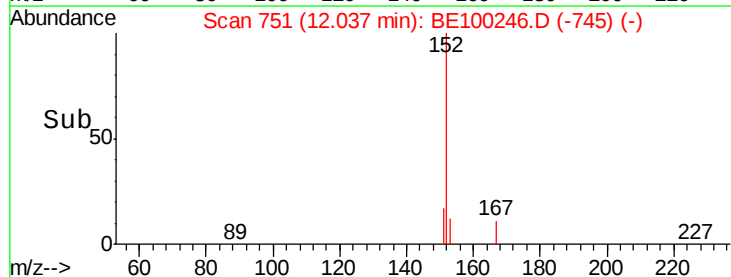
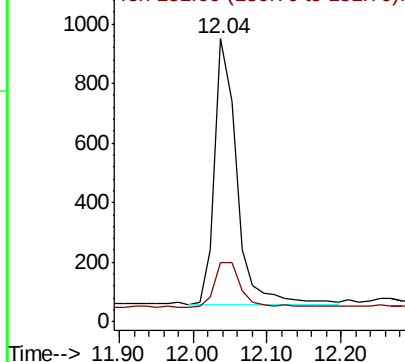


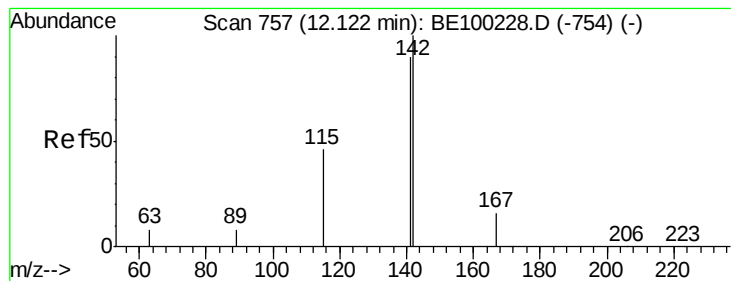
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion: 152 Resp: 1885
Ion Ratio Lower Upper
152 100
151 20.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

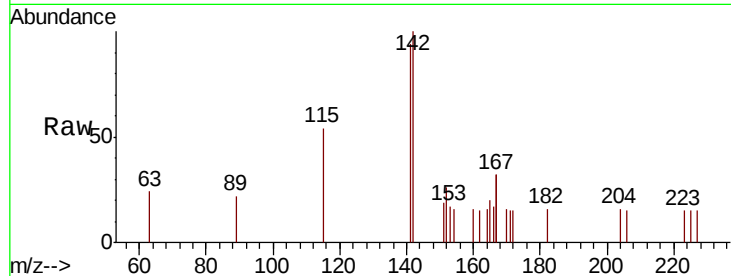




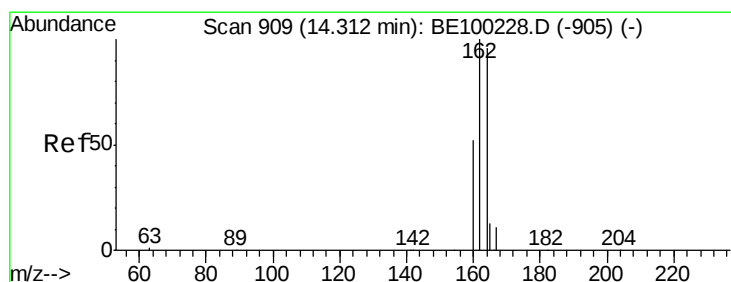
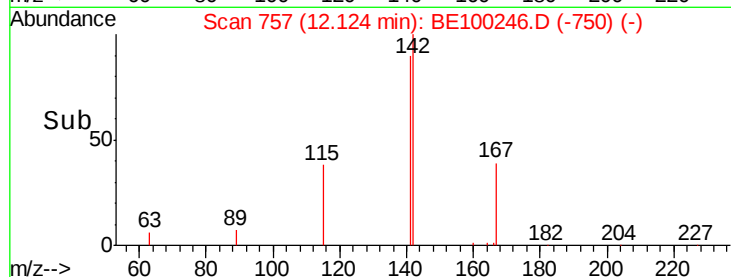
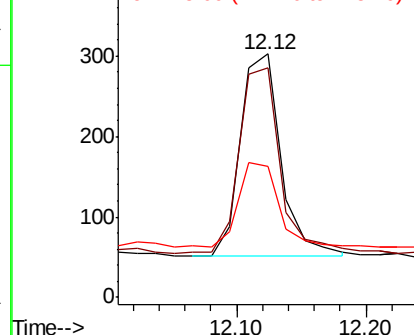
#12
2-Methylnaphthalene
Concen: 0.104 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
141 94.1 72.4 108.6
115 53.8 40.4 60.6

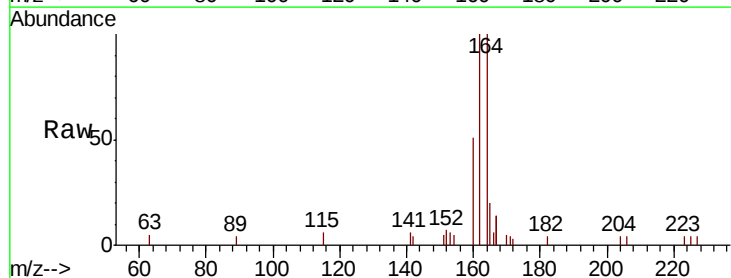


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

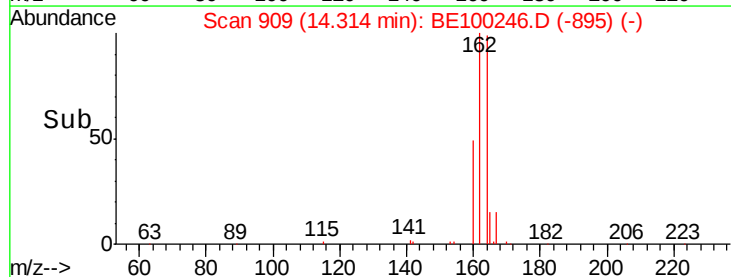
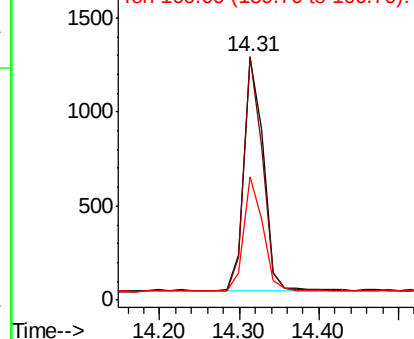


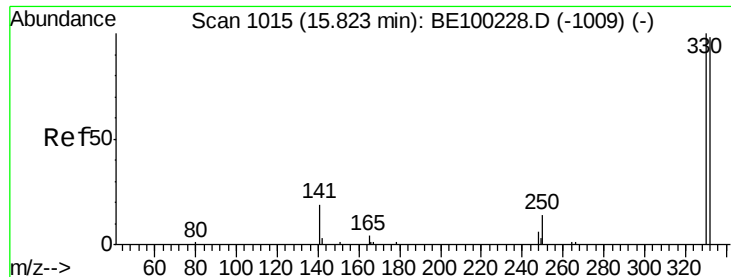
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion:164 Resp: 2095
Ion Ratio Lower Upper
164 100
162 100.5 83.4 125.0
160 51.0 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: 0.300 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

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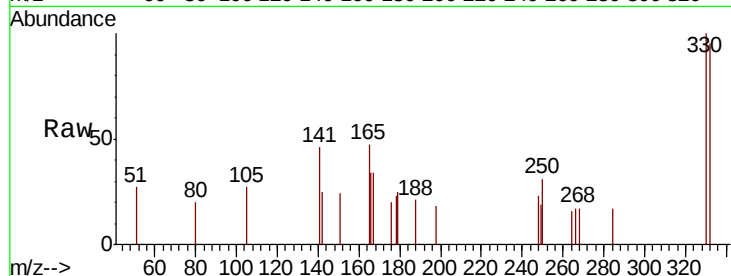
Tgt Ion:330 Resp: 439

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.4

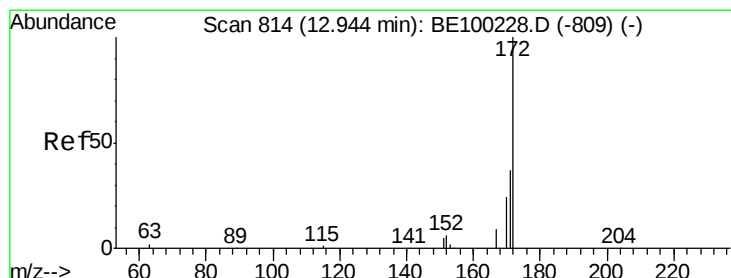
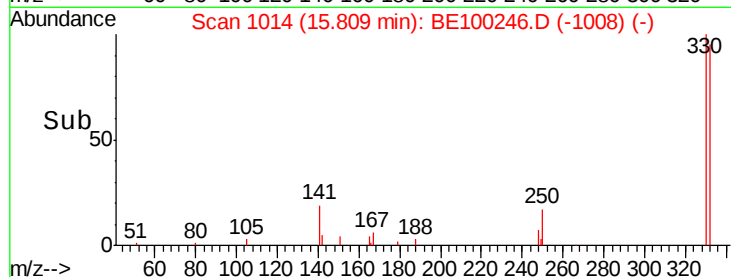
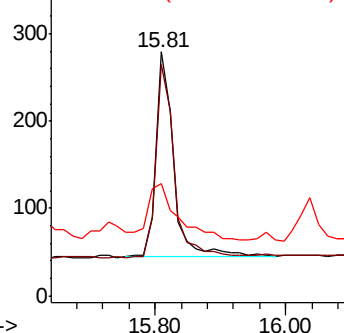
141 44.4 22.0 33.0#



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: 0.260 ng

RT: 12.94 min Scan# 814

Delta R.T. 0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

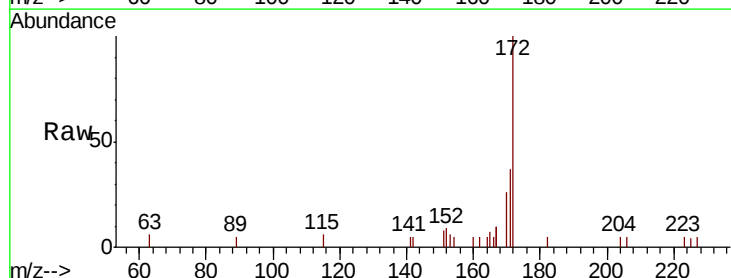
Tgt Ion:172 Resp: 2125

Ion Ratio Lower Upper

172 100

171 36.9 31.9 47.9

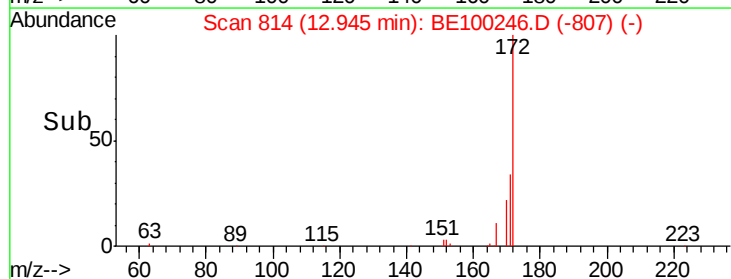
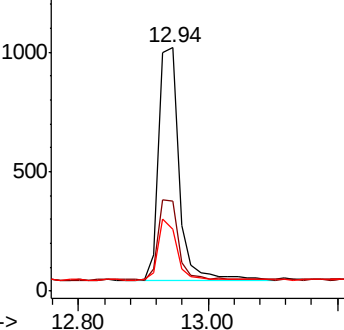
170 25.5 22.2 33.2

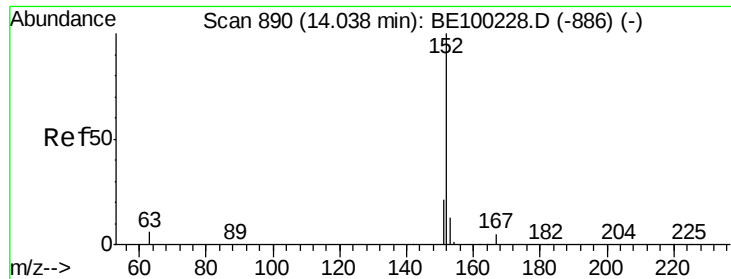


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

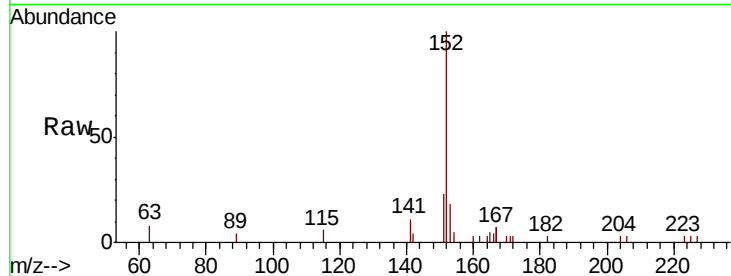




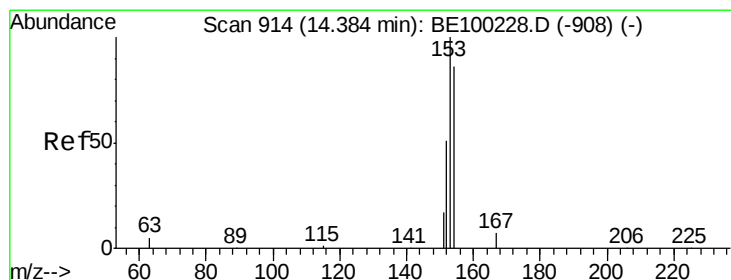
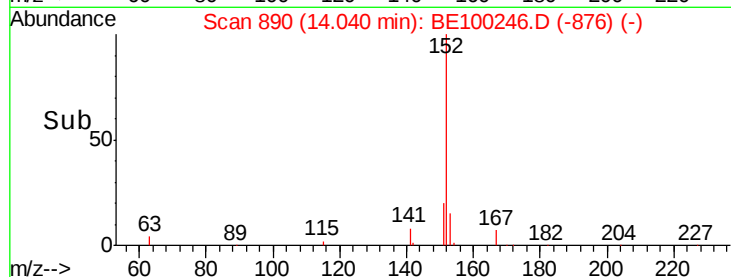
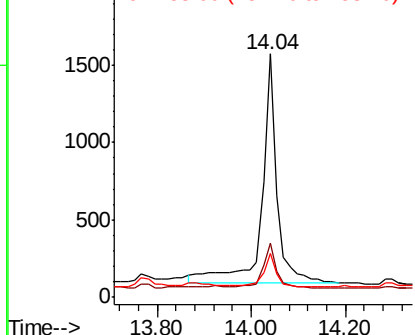
#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

Tgt Ion:152 Resp: 3348
Ion Ratio Lower Upper
152 100
151 17.9 16.6 25.0
153 12.3 10.5 15.7

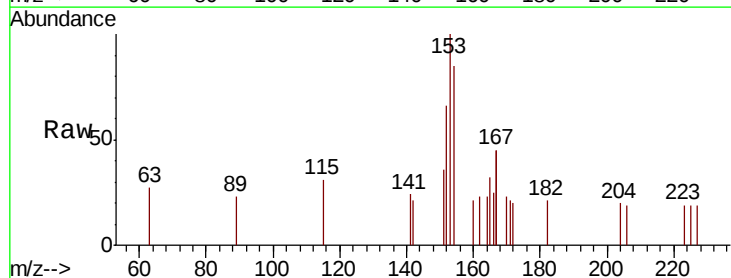


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

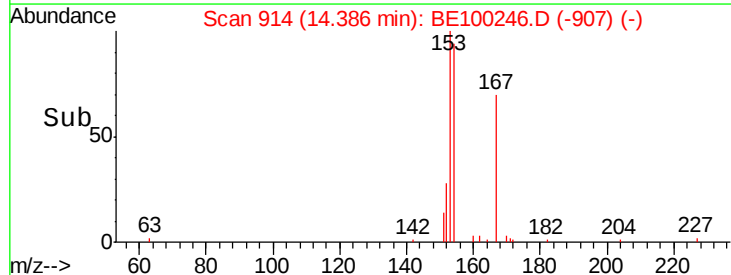
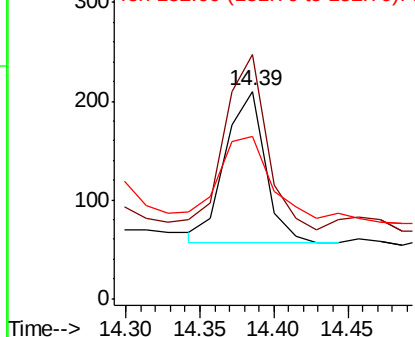


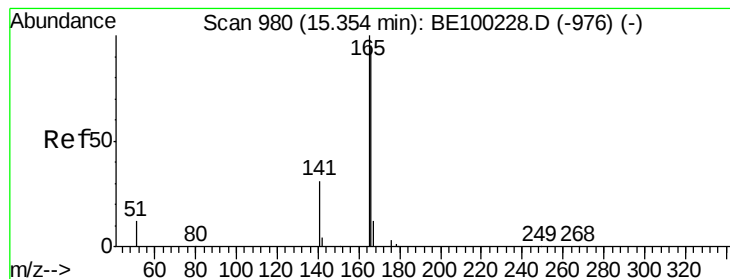
#17
Acenaphthene
Concen: 0.050 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion:154 Resp: 286
Ion Ratio Lower Upper
154 100
153 125.9 93.4 140.2
152 79.0 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: 0.103 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

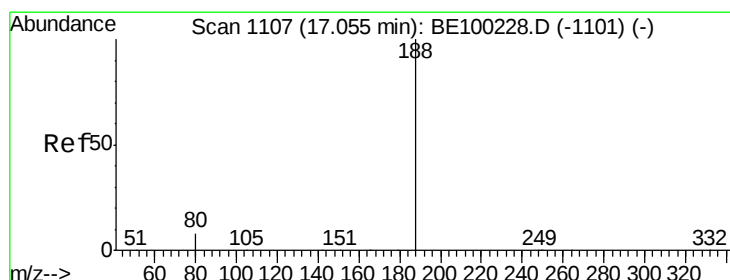
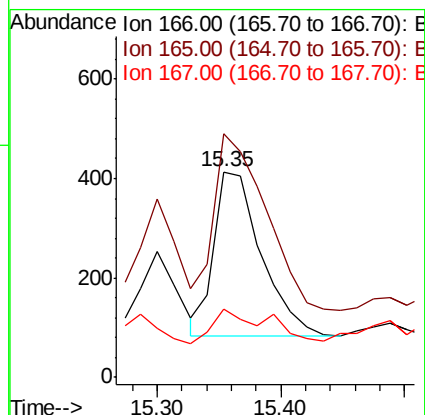
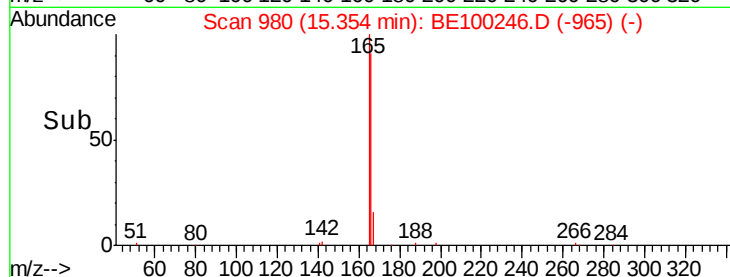
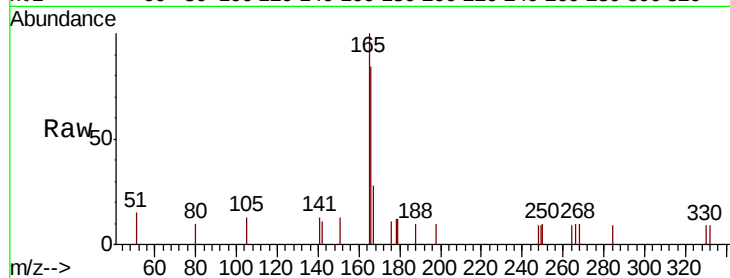
Tgt Ion:166 Resp: 870

Ion Ratio Lower Upper

166 100

165 117.5 81.1 121.7

167 25.7 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

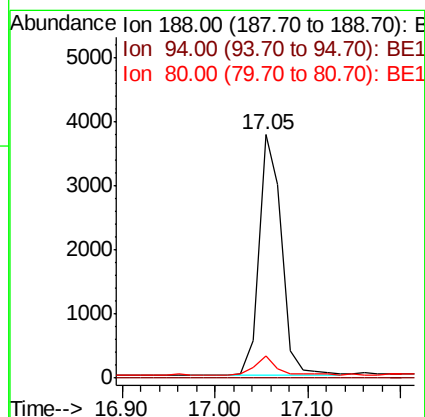
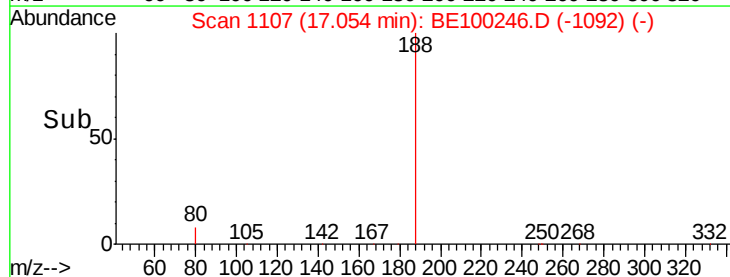
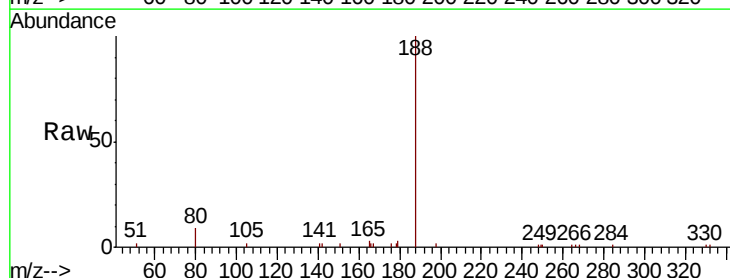
Tgt Ion:188 Resp: 6263

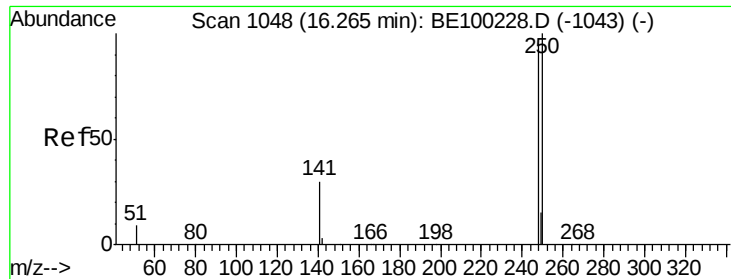
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.6 11.4





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.22 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

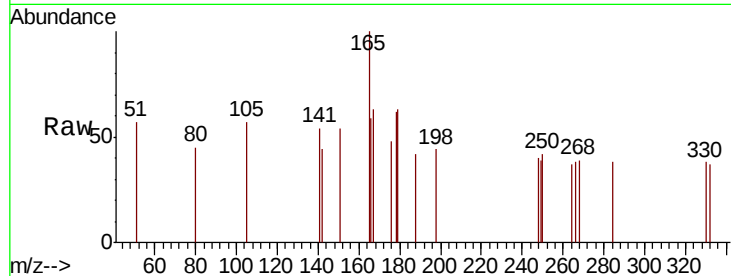
Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

Tgt Ion:	248	Resp:	4
Ion	Ratio	Lower	Upper
248	100		
250	106.1	84.2	126.4
141	136.7	29.3	43.9#

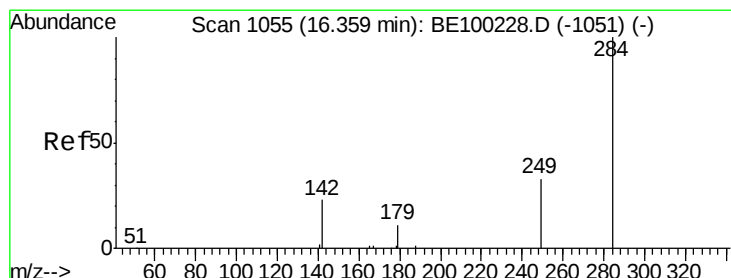
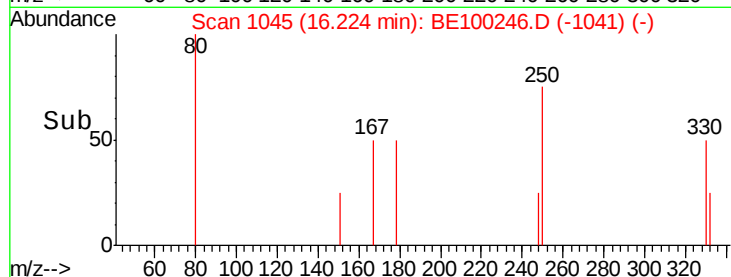
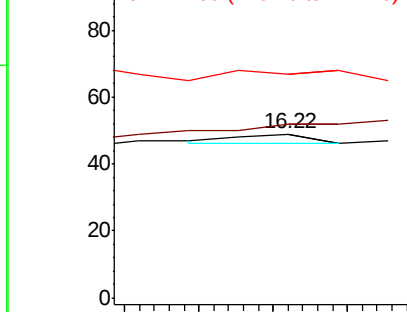


Abundance

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: 0.001 ng

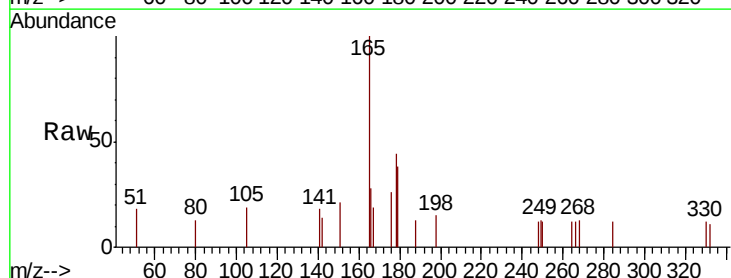
RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Tgt Ion:	284	Resp:	5
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	80.0	23.7	35.5#

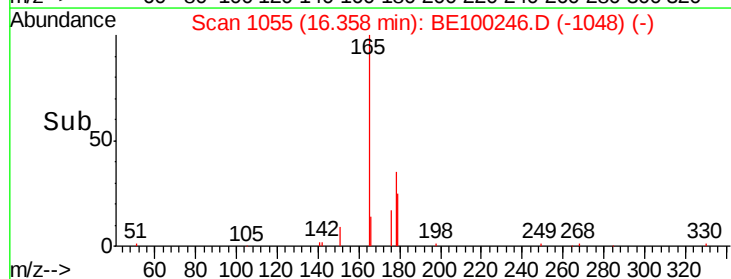
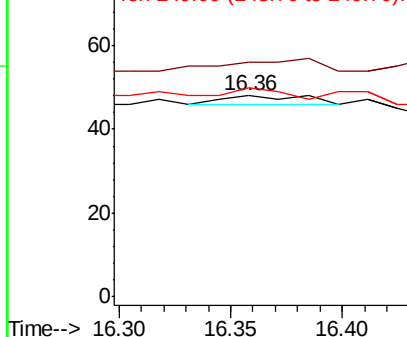


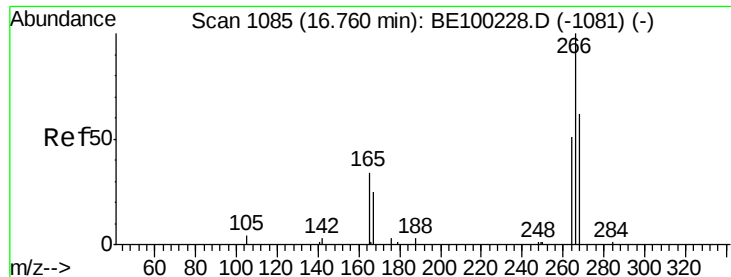
Abundance

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





#22

Pentachlorophenol

Concen: 0.006 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

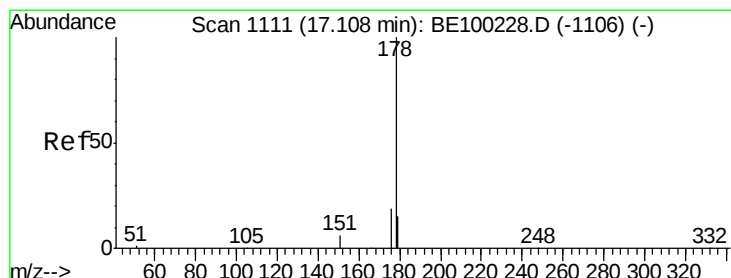
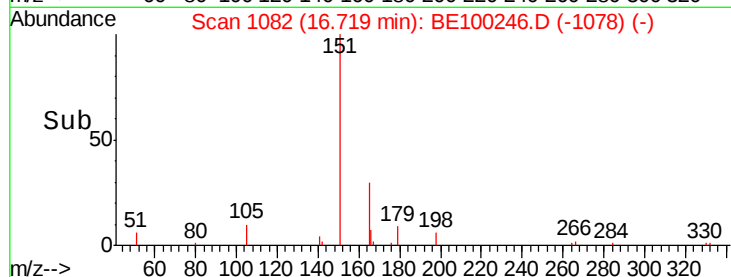
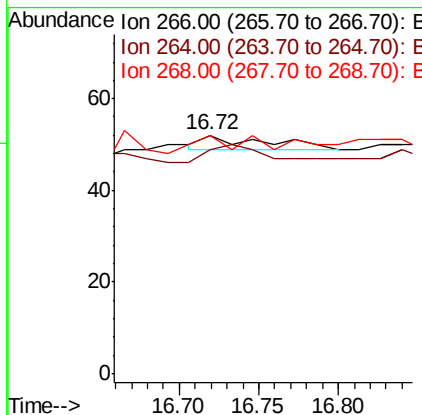
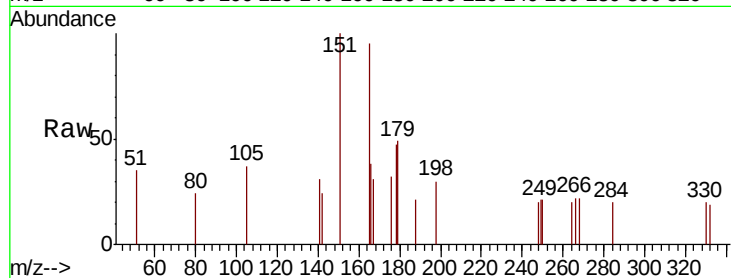
Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

Tgt Ion:	266	Resp:	8
Ion	Ratio	Lower	Upper
266	100		
264	94.2	56.2	84.2#
268	100.0	61.8	92.6#



#23

Phenanthrene

Concen: 1.313 ng

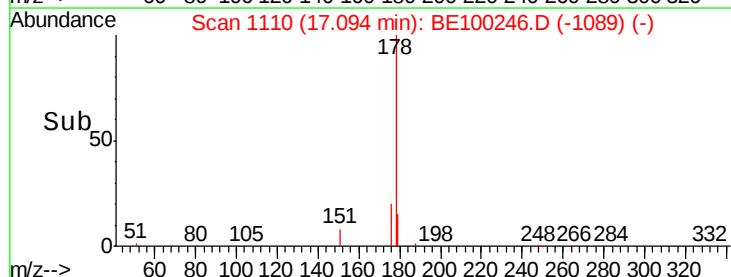
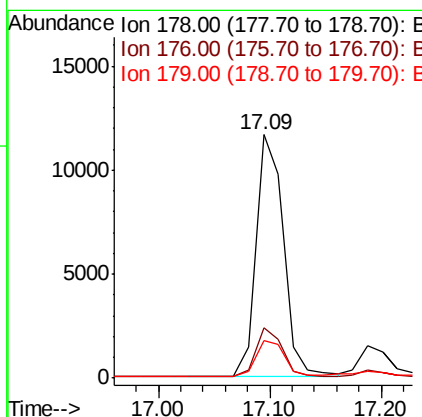
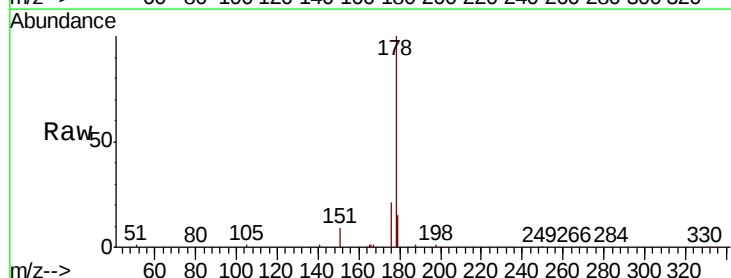
RT: 17.09 min Scan# 1110

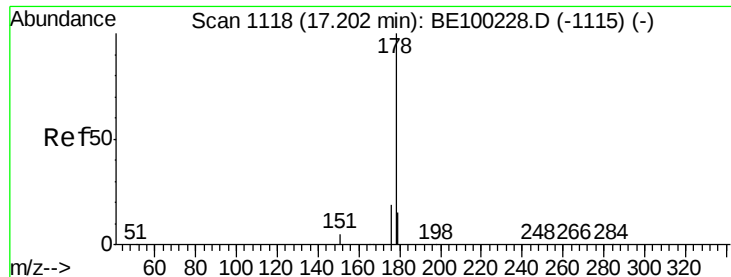
Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Tgt Ion:	178	Resp:	19934
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	12.2	18.2





#24

Anthracene

Concen: 0.191 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

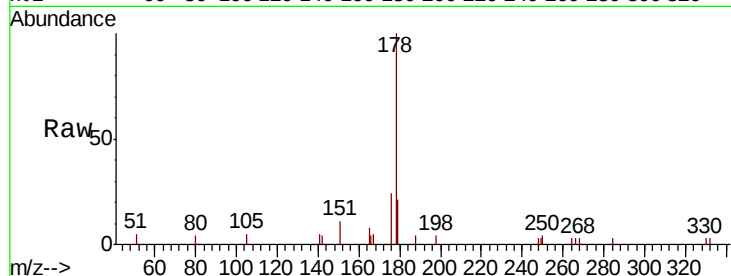
Tgt Ion:178 Resp: 2617

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

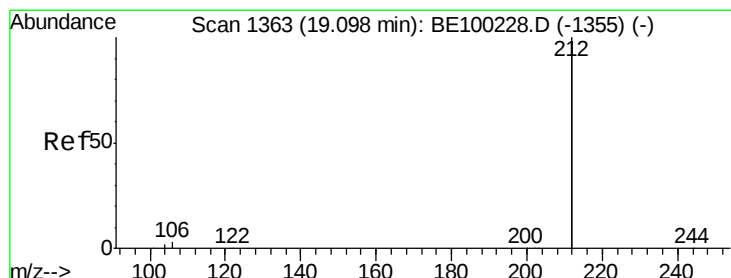
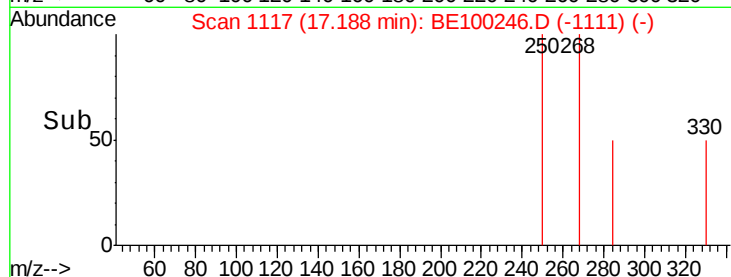
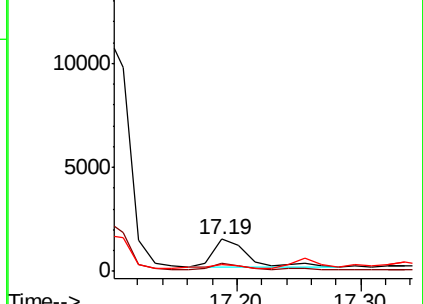
179 12.0 12.2 18.2#



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: 0.349 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

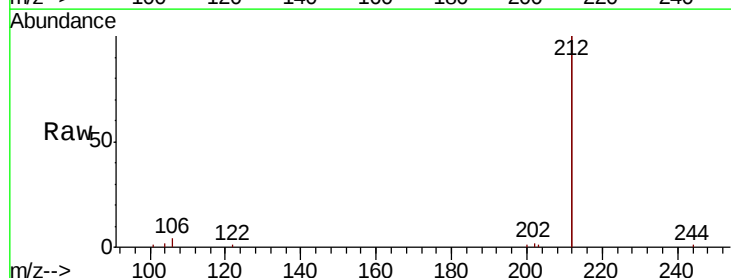
Tgt Ion:212 Resp: 31745

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

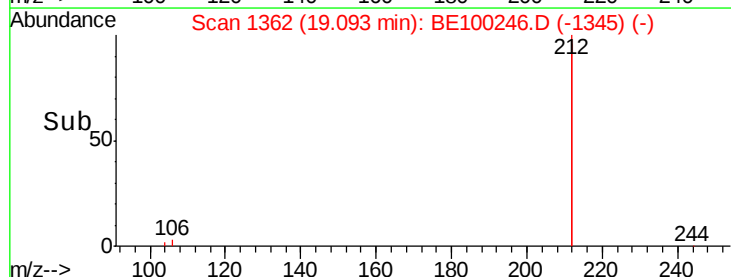
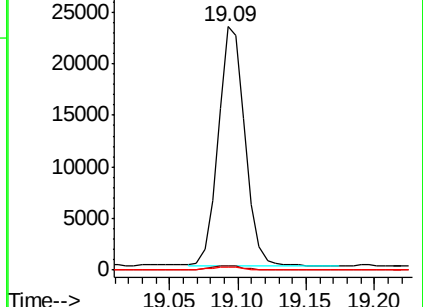
104 0.9 0.8 1.2

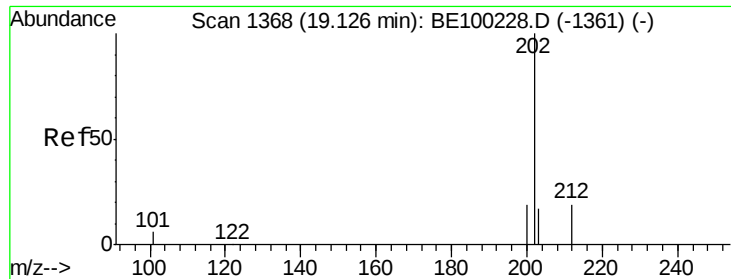


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

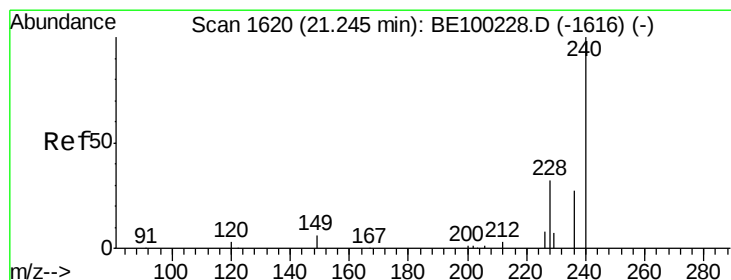
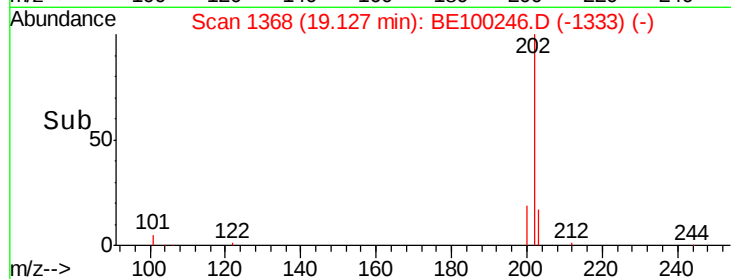
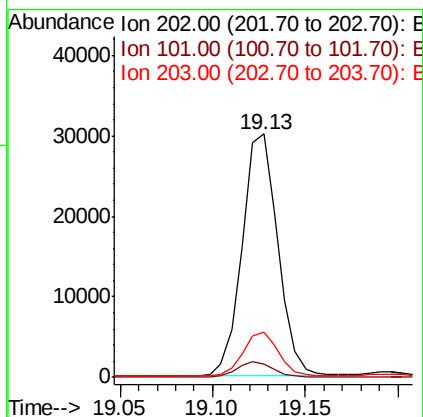
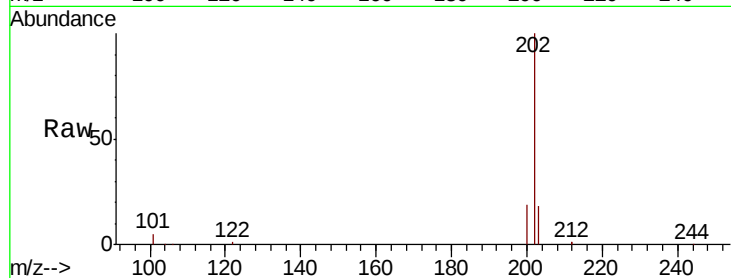




#26
Fluoranthene
Concen: 1.668 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

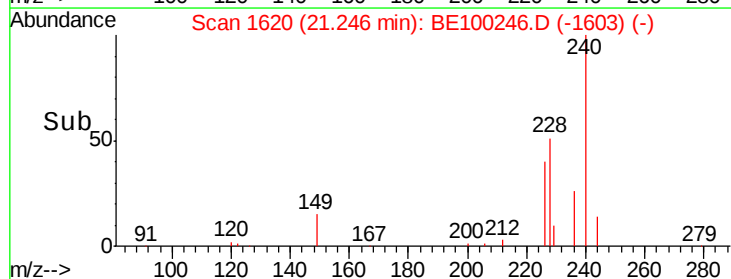
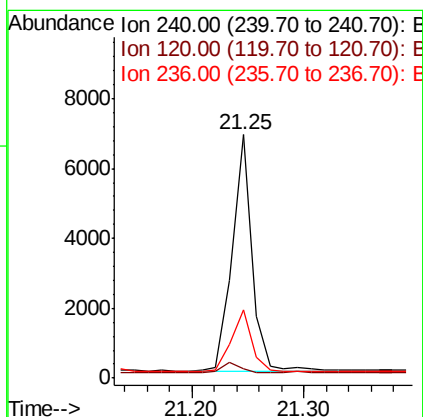
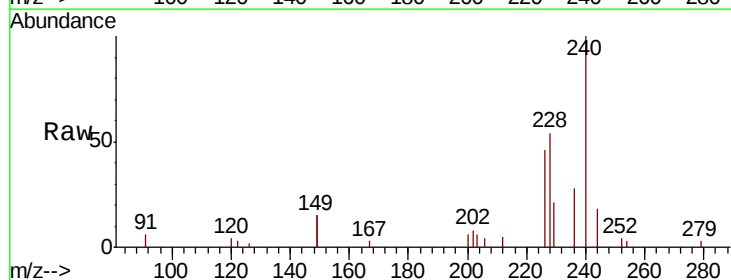
Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

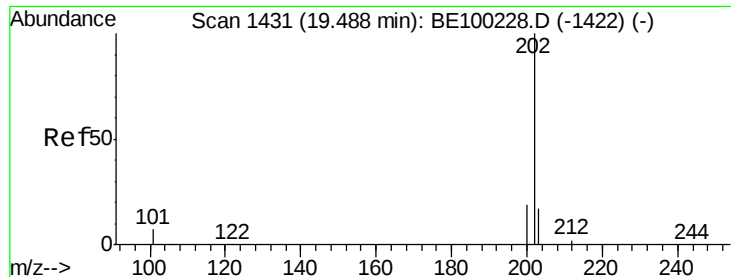
Tgt Ion: 202 Resp: 40341
Ion Ratio Lower Upper
202 100
101 5.9 4.6 7.0
203 17.9 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion: 240 Resp: 8361
Ion Ratio Lower Upper
240 100
120 4.0 3.3 4.9
236 28.0 22.6 34.0

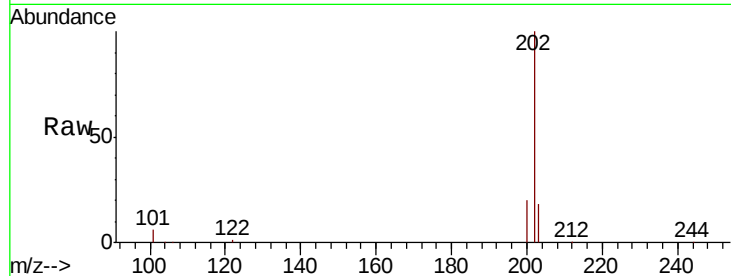




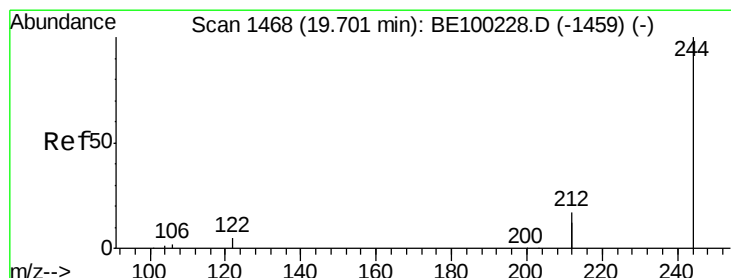
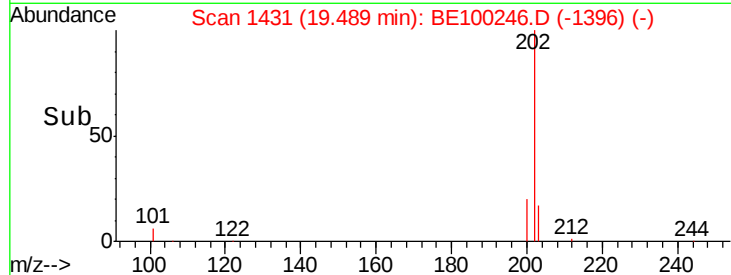
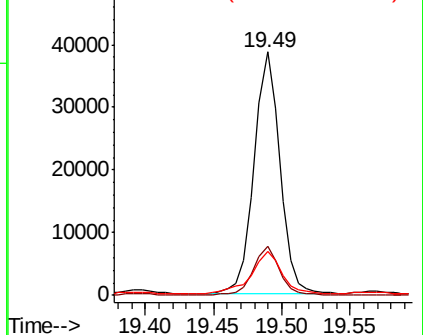
#28
 Pyrene
 Concen: 2.262 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100246.D
 Acq: 28 Jun 2019 22:03

Instrument :
 BNA_E
 ClientSampleId :
 EXT-029-SW170-061719

Tgt Ion: 202 Resp: 50064
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.9 14.0 21.0

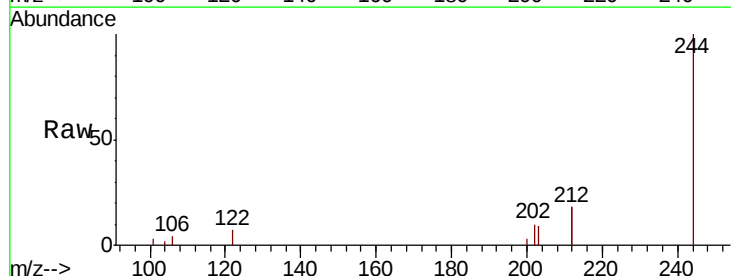


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

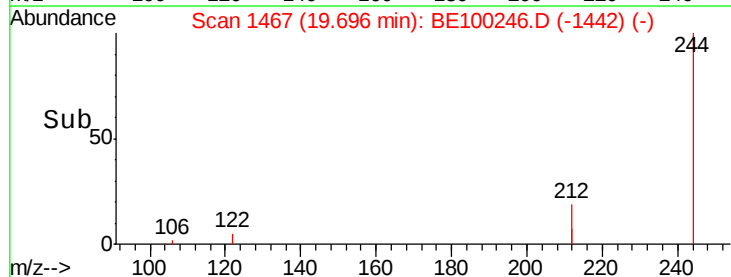
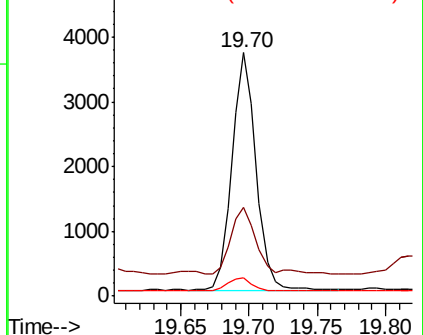


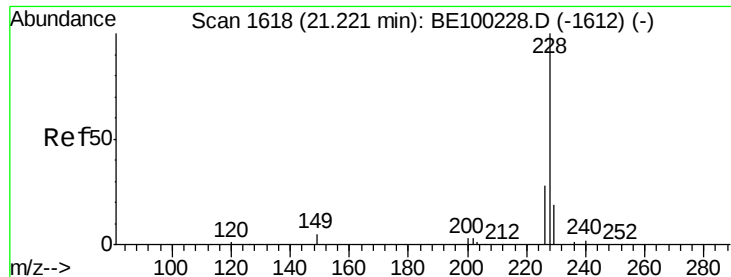
#29
 Terphenyl-d14
 Concen: 0.260 ng
 RT: 19.70 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BE100246.D
 Acq: 28 Jun 2019 22:03

Tgt Ion: 244 Resp: 4510
 Ion Ratio Lower Upper
 244 100
 212 36.4 27.3 40.9
 122 7.3 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

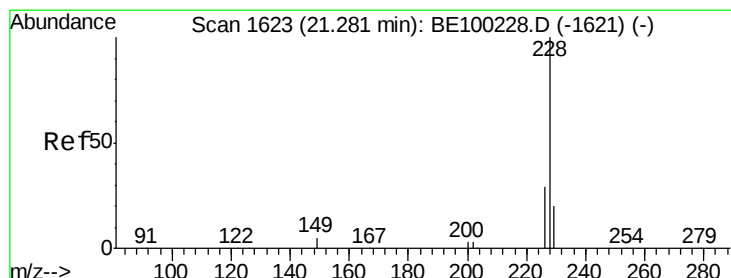
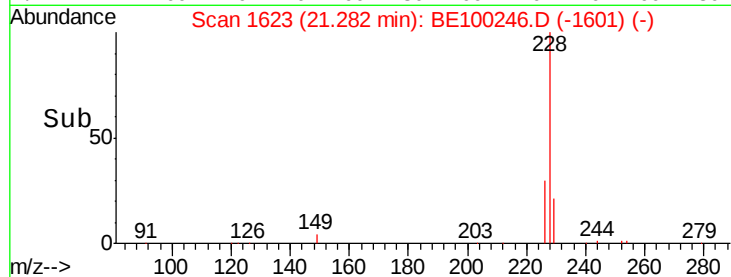
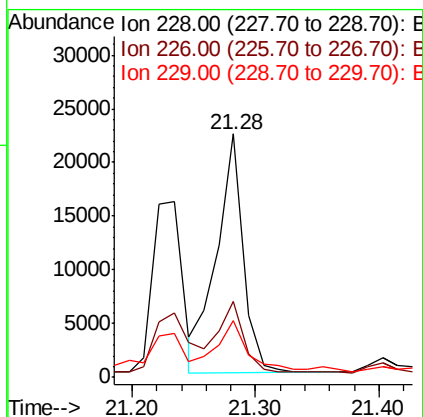
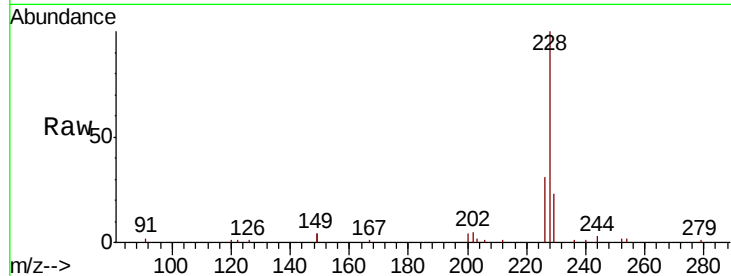




#30
Benzo(a)anthracene
Concen: 1.227 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.06 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

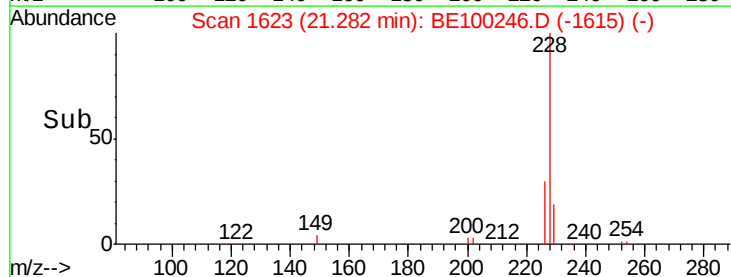
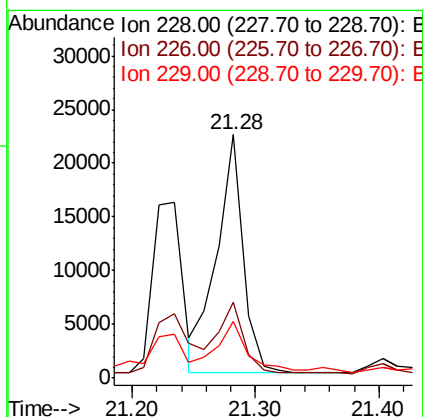
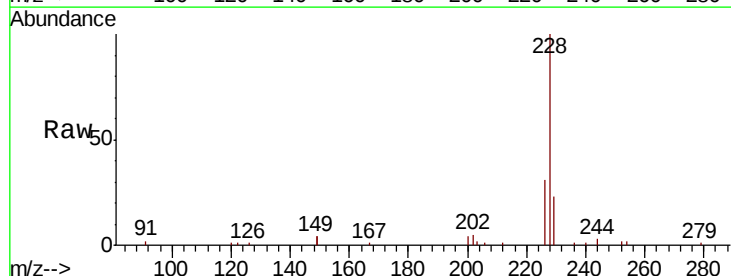
Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

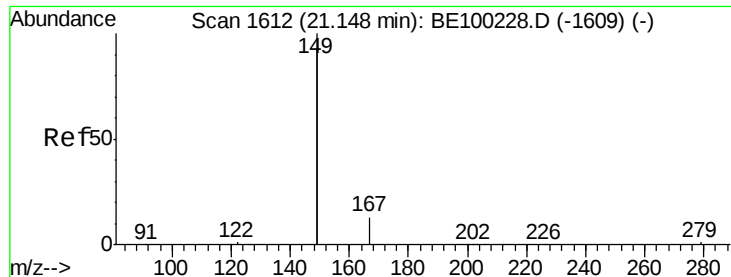
Tgt Ion:228 Resp: 33725
Ion Ratio Lower Upper
228 100
226 31.4 23.2 34.8
229 23.3 15.7 23.5



#31
Chrysene
Concen: 1.210 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion:228 Resp: 33405
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 23.3 16.5 24.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.486 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

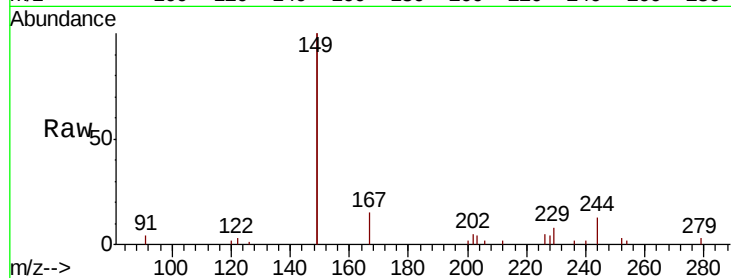
Tgt Ion:149 Resp: 21103

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.8

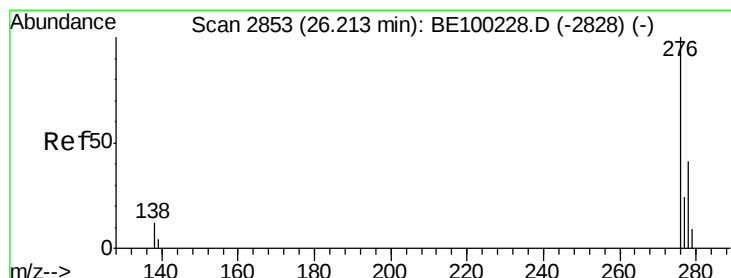
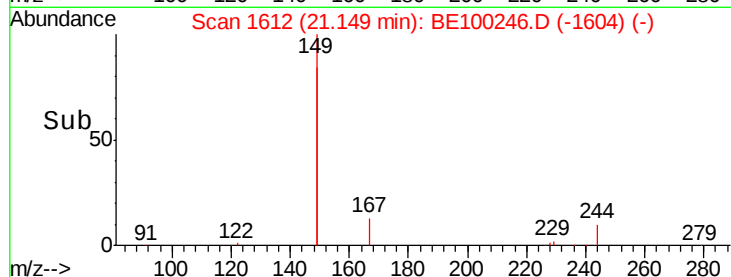
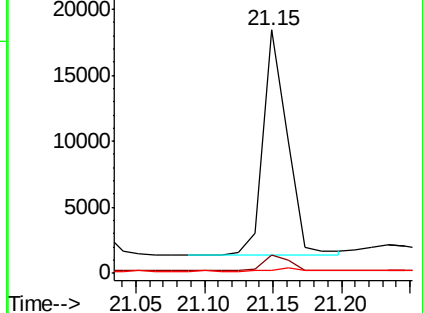
279 1.6 1.1 1.7



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: 0.470 ng

RT: 26.22 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

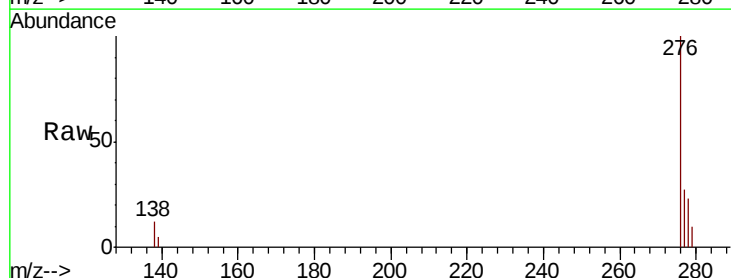
Tgt Ion:276 Resp: 17171

Ion Ratio Lower Upper

276 100

138 9.8 9.4 14.0

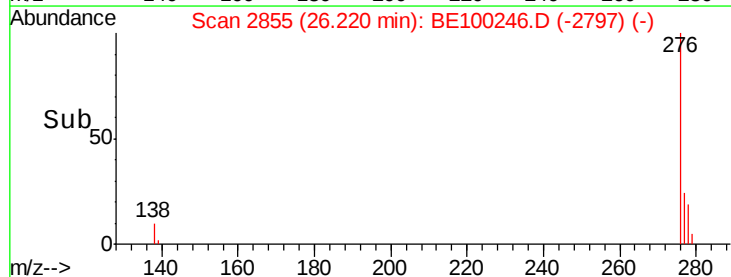
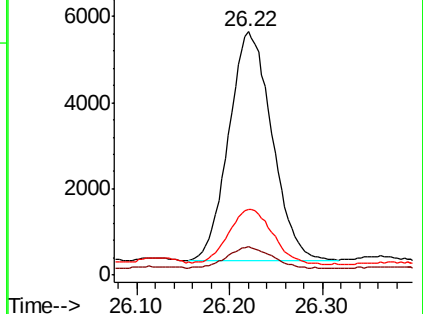
277 25.0 19.2 28.8

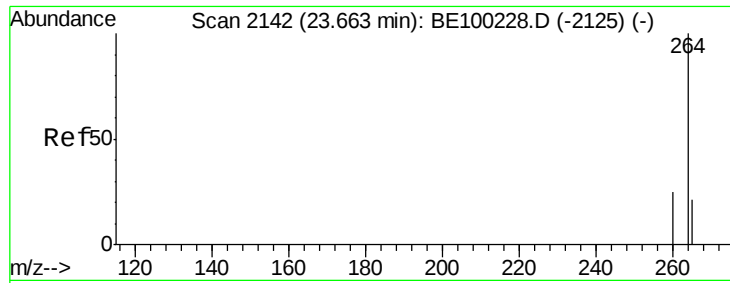


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

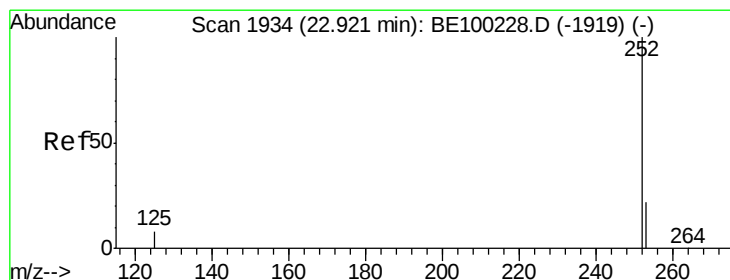
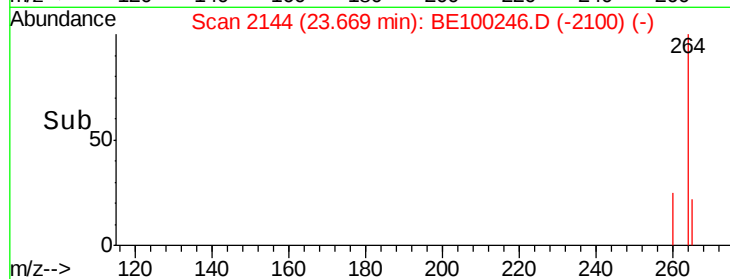
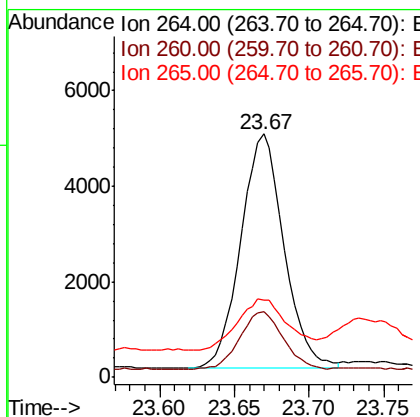
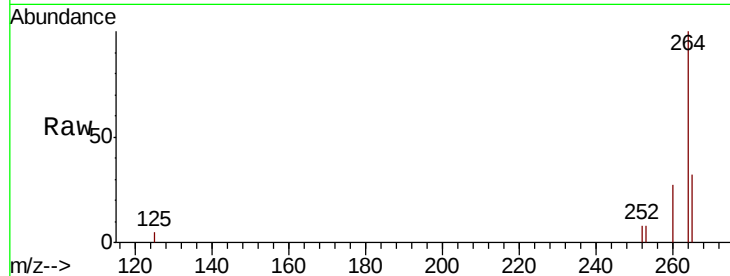




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: BE100246.D
 Acq: 28 Jun 2019 22:03

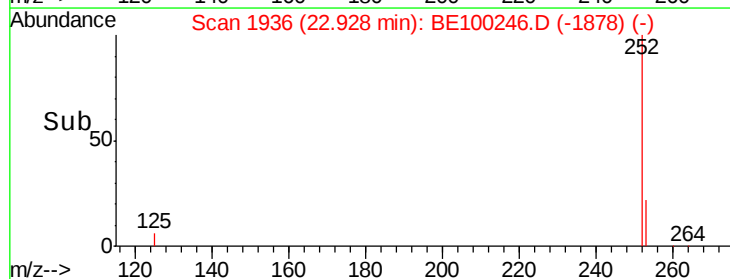
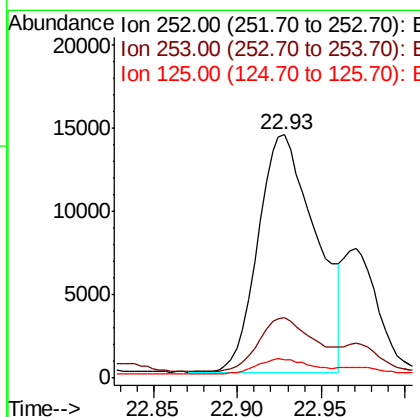
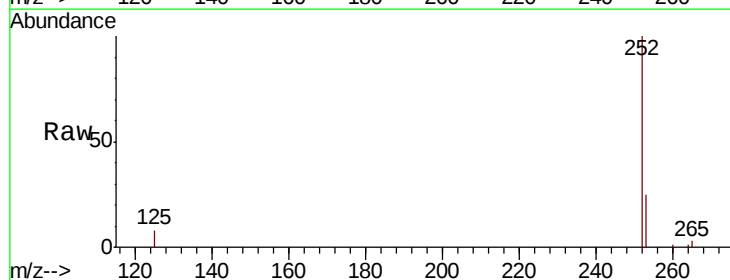
Instrument :
 BNA_E
 ClientSampleId :
 EXT-029-SW170-061719

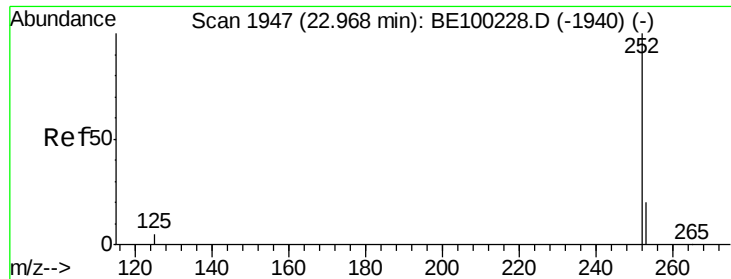
Tgt Ion: 264 Resp: 9849
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.8 31.2
 265 31.6 21.8 32.6



#35
 Benzo(b)fluoranthene
 Concen: 1.283 ng
 RT: 22.93 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BE100246.D
 Acq: 28 Jun 2019 22:03

Tgt Ion: 252 Resp: 34262
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.2 28.8
 125 7.7 7.4 11.0

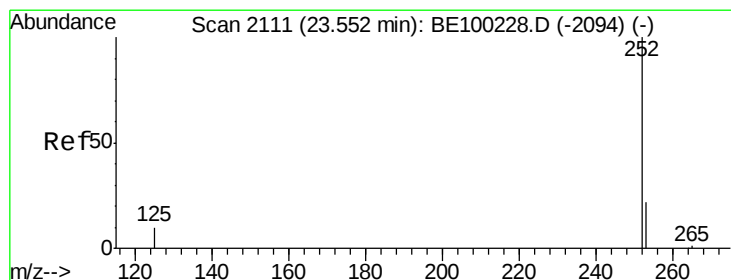
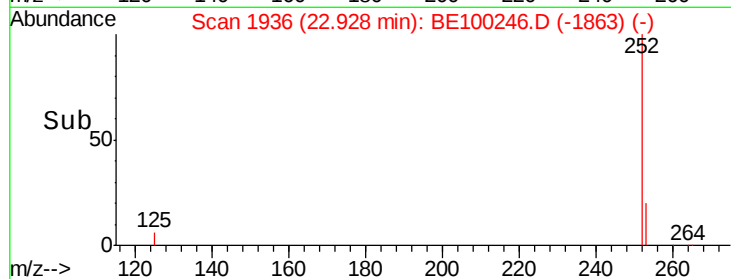
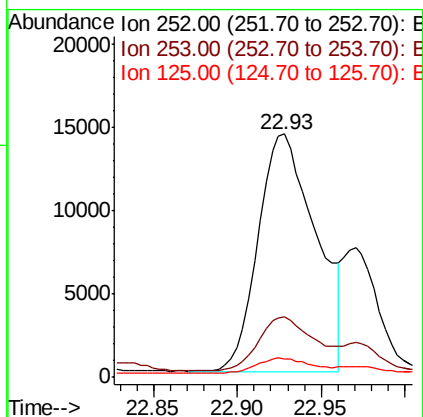
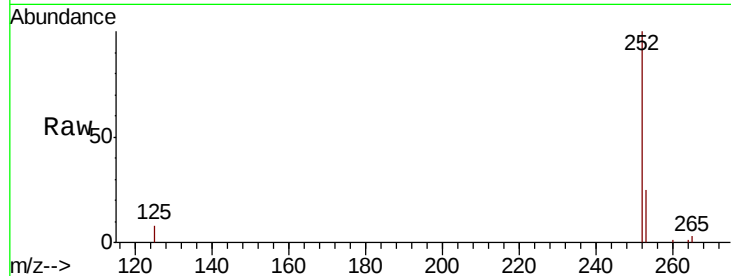




#36
Benzo(k)fluoranthene
Concen: 1.149 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

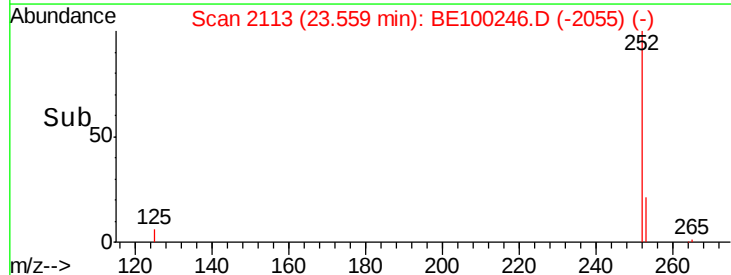
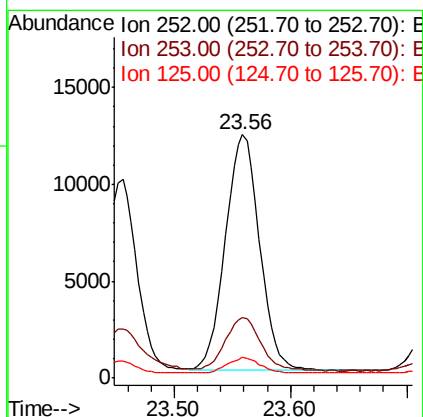
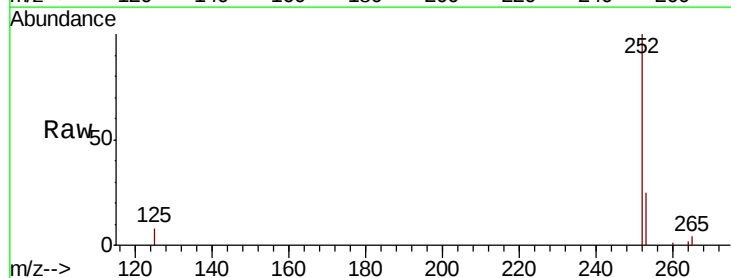
Instrument :
BNA_E
ClientSampleId :
EXT-029-SW170-061719

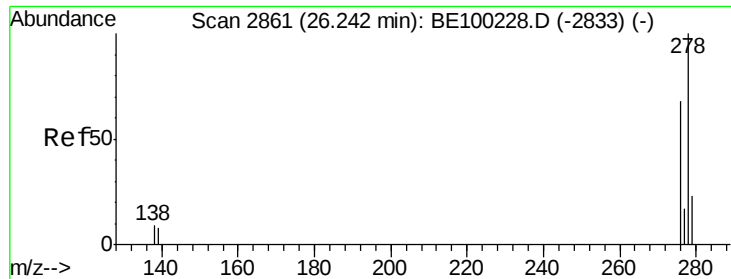
Tgt Ion:252 Resp: 34262
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 7.7 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 0.930 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100246.D
Acq: 28 Jun 2019 22:03

Tgt Ion:252 Resp: 24890
Ion Ratio Lower Upper
252 100
253 25.0 19.6 29.4
125 8.4 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.175 ng

RT: 26.24 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

Instrument :

BNA_E

ClientSampleId :

EXT-029-SW170-061719

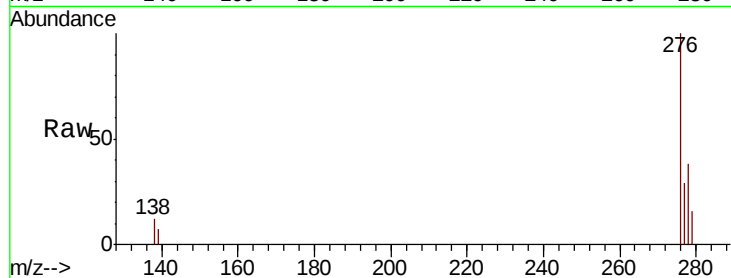
Tgt Ion:278 Resp: 4903

Ion Ratio Lower Upper

278 100

139 18.4 8.2 12.2#

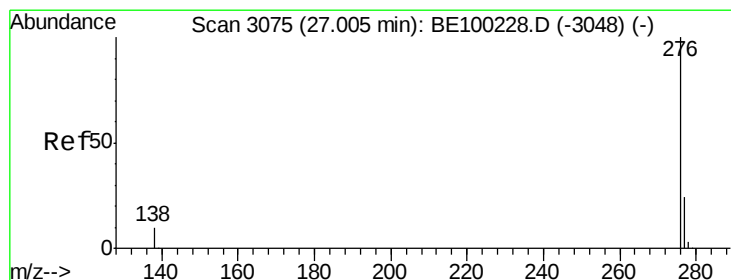
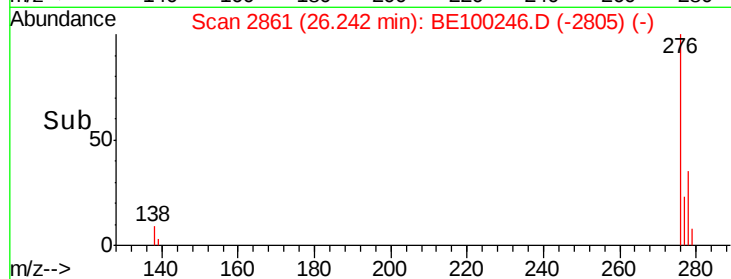
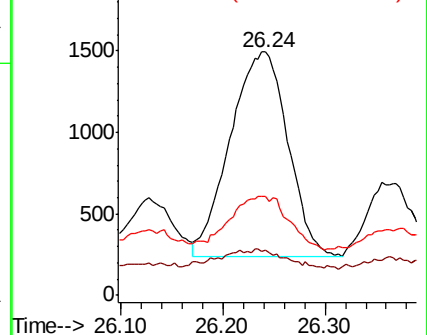
279 40.7 20.3 30.5#



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(g,h,i)perylene

Concen: 0.656 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100246.D

Acq: 28 Jun 2019 22:03

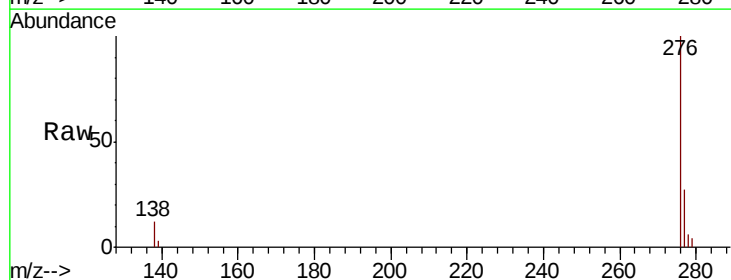
Tgt Ion:276 Resp: 18839

Ion Ratio Lower Upper

276 100

277 27.0 20.2 30.2

138 11.7 9.0 13.6



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

